# JOHN N. HUGHES ATTORNEY AT LAW PROFESSIONAL SERVICE CORPORATION 124 WEST TODD STREET FRANKFORT, KENTUCKY 40601

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jnhughes@johnnhughespsc.com

April 6, 2018

Gwen Pinson Executive Director Public Service Commission 211 Sower Blvd. Frankfort, KY 40601

Re: Atmos Energy Corporation: Case No. 2017-00349

Dear Ms. Pinson:

Atmos Energy Corporation submits its response to Staff's post-hearing request for information.

I certify that the electronic filing is a complete and accurate copy of the original documents to be filed in this matter, which will be filed within two days of this submission and that there are currently no parties in this proceeding that the Commission has excused from participation by electronic means.

If you have any questions about this matter, please contact me.

Very truly yours, John N. Hugler

John N. Hughes

And

Mark R. Hutchinson Wilson, Hutchinson and Littlepage 611 Frederica St. Owensboro, KY 42301 270 926 5011 randy@whplawfirm.com

Attorneys for Atmos Energy Corporation

#### BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION	) Case No. 2017-00349												
AFF	DAVIT												
The Affiant, Laura K. Gillham, being duly sworn, deposes and states that the attached responses to Commission Staff's first post-hearing request for information are true and correct to the best of her knowledge and belief.													
	Laura K. Gillham												
STATE OF TOXAS COUNTY OF Dallas													
SUBSCRIBED AND SWORN to before m of April, 2018.	by Laura K. Gillham on this the <u>5</u> day												
	Wundy Frocks												
Wendy M Brooks Notary Public State of Texas My Comm. Exp. 3/31/22 Notary ID 12564029-8	Notary Public  My Commission Expires: 3 3  22												

#### BEFORE THE PUBLIC SERVICE COMMISSION

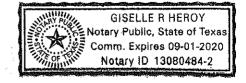
IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION	) )	Case No. 2017-00349
Al	FFIDAVI	T
The Affiant, Gregory W. Smith attached responses to Commission Staff true and correct to the best of his knowle	s first p	
STATE OF <u>lennessee</u> COUNTY OF <u>Williamson</u>		
SUBSCRIBED AND SWORN to before of April, 2018.	me by Gr	egory W. Smith on this the 2 <sup>Nd</sup> day
	Notar	mula Heasant y Public ommission TXBires MARCh 3, 2020

#### BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION	) ) )	Case No. 2017-00349
AF	FIDAV	IT
The Affiant, Jennifer K. Story, attached responses to Commission Staff's and correct to the best of her knowledge a	first pos	
	Jenn	MeBell Story
STATE OF Jeyas		
COUNTY OF Dallas		
SUBSCRIBED AND SWORN to before a of April, 2018.	me by J	ennifer K. Story on this the 6 day

Notary Public

My Commission Expires: 9/01/2020



#### BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF RATE APPLICATION OF ATMOS ENERGY CORPORATION	) Case No. 2017-00349
AFI	TIDAVIT
	de, being duly sworn, deposes and states that the irst post-hearing request for information are true d belief.
	James H. Vander Weide
STATE OF NC COUNTY OF JURDAN	- -
SUBSCRIBED AND SWORN to before n Z day of April, 2018.	ne by James H. Vander Weide on this the

DONNA S ROSE

Notary Public

Person Co., North Carolina

My Commission Expires March 22, 2020

Notary Public

My Commission Expires: 3.22,2020

#### BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF	)
RATE APPLICATION OF	) Case No. 2017-00349
ATMOS ENERGY CORPORAT	ION )
	AFFIDAVIT
	Waller, being duly sworn, deposes and states that the on Staff's first post-hearing request for information are knowledge and belief.
	MUD922 Gregory K. Waller
STATE OF TEXAS	·
STATE OF Texas COUNTY OF Dallas	
SUBSCRIBED AND SWORN to of April, 2018.	before me by Gregory K. Waller on this the 3 <sup>rd</sup> day
	Notary Public



My Commission Expires: 9/01/2020

# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-01 Page 1 of 1

#### **REQUEST:**

Refer to Commission Staff's Fifth Request for Information, Item 1. Provide an updated billing analysis that includes the billing determinants and rates that Atmos would propose to produce its revised revenue increase. Provide both present and proposed rates, billing determinants, and revenues. This schedule should be provided in Excel format with all cells visible, and all formulas intact.

#### RESPONSE:

The Company is providing as Attachment 1 a full working Excel file supporting the proposed tariff rates provided in the Company's response to Staff DR No. 5-01. Attachment 2 is the model with current rates for comparison purposed based on the Commission's findings regarding Tax Reform in Docket No. 2018-00039

#### ATTACHMENTS:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post Hearing\_1-01\_Att1 - KY Revenue Billing Unit Forecast TYE 3.31.2019 (Staff 5-1).xlsx, 45 Pages.

ATTACHMENT 2 - Atmos Energy Corporation, Staff Post-Hearing\_1-01\_Att2 - KY Revenue Billing Unit Forecast TYE 3.31.2019 (Staff 5-1) TCJA Reform Current Rates.xlsx, 45 Pages.

Respondent: Mark Martin

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Month 7737,2016 6(30,2017 4/20,2018 3(31,2015

First Month of Reference Period Last Day of Reference Period Bestinning of Test Period End of Test Period

#### ATMOS ENERGY CORPORATION - KENTUCKY SUMMARY OF RATES TEST YEAR ENDING MAR, 31 2019

Line No.	Billing Component	Applicable Tariffs	<b>:</b>	Current Rate	F	Proposed Rate		
	(a)	(b)		(c)		(d)		(e)
	(α)	(5)		(0)		(4)		(0)
1	CUSTOMER CHARGES, \$/month							
2	Firm Services - Residential	G-1		\$19.06		\$19.45		
3	Firm Services - Non-Residential	G-1		49.74		50.75		
4	Interruptible Sales	G-2		393.35		400.00		
5	Firm Transportation	T-4		396.49		400.00		
6	Interruptible Transportation	T-3		398.04		400.00		
7	·							
8	DISTRIBUTION CHARGES, \$/Mcf							
9	Firm Sales	G-1						
10	1-300 Mcf		\$	1.5340	\$	1.5700		
11	301-15000 Mcf		•	0.9500	•	0.9950		
12	Over 15000			0.7400		0.7800		
13	Firm Transportation	T-4		0,, 100		0.7 000		
14	1-300 Mcf		\$	1.6233	\$	1.5700		
15	301-15000 Mcf		Ψ	1.0053	Ψ	0.9950		
16	Over 15000			0.7831		0.7800		
17	Interruptible Sales	G-2		0.7001		0.1000		
18	1-15000 Mcf	0-2	\$	0.9090	\$	0.9350		
19	Over 15000		Ψ	0.6849	Ψ	0.7059		
20	Interruptible Transportation	T-3		0.0010		0.1000		
21	1-15000 Mcf	. •	\$	0.9031	\$	0.9350		
22	Over 15000		*	0.6805	*	0.7059		
23						***		
24	OTHER CHARGES							
25	Transp. Adm. Fee, \$/Mcf	T-2, T-3, T	-4 \$	50.00	\$	50.00		
26	Parking, \$/Mcf	T-4, T-3		0.10		0.10		
27	•							
28		Cu	rrent R	late		Propos	ed R	ate
29		Norm Hrs	i	After Hrs		Norm Hrs	P	After Hrs
30	SERVICE CHARGES	•						
31	Meter Set	\$ 34.	00 \$	44.00	\$	34.00	\$	44.00
32	Turn On	23.	00	28.00		23.00		28.00
33	Read	12.		14.00		12.00		14.00
34	Reconnect Delinquent Service	39.		47.00		39.00		47.00
35	Seasonal Charge	65.	00	73.00		65.00		73.00
36	Special Meter Reading Charge	-		N/A		-		N/A
37	Meter Test Charge	20.		N/A		20.00		N/A
38	Returned Check Charge	25.		N/A		25.00		N/A
39	Class 1 EFM Equipment Charge	75.		N/A		75.00		N/A
40	Class 2 EFM Equipment Charge	175.		N/A		175.00		N/A
41	Late Payment Charge	5.	0%	5.0%		5.0%		5.0%

		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Base Period	Jan-18	Feb-18	Mar-18	Apr-18	May-18
4800	OPERATING REVENUE Sales of Gas Residential	13,870,408	14.857.569	11,425,628	8.192.689	5,695,133	4.331.517	3,977,683	3.985.744	3.950.372	5,098,884	8.426.387	12,560,924	96,372,939	15,061,262	15,416,006	11,823,328	8,441,559	5,661,644
4811	Commercial	5,397,261	5.779.500	4,552,984	3,369,744	2,542,513	2.042.125	1,891,638	1,890,232	1,870,520	2,242,327	3.481.019	4,940,967	40,000,830	5,888,116	6,000,881	4,718,611	3,482,514	2,514,683
4812	Industrial	865,057	634,631		319,292	344,516	270.764	390,261	292,706		257,902	308,686	666,572	5,215,075	969,880	664,230	562,591	333.870	336,504
4812 4820				537,536						327,152								· ·	377,721
<del>4</del> 620	Other - Public Authority	994,628	1,072,309	817,218	552,904	382,803	273,287	248,275	257,557	247,986	345,624	607,277	911,441	6,711,308	1,095,349	1,117,653	850,828	574,641	
	Total Sales of Gas	21,127,353	22,344,009	17,333,366	12,434,629	8,964,965	6,917,693	6,507,858	6,426,239	6,396,031	7,944,737	12,823,369	19,079,903	148,300,153	23,014,607	23,198,771	17,955,359	12,832,583	8,890,552
	Other Operating Income																		
4870	Forfeited Discounts	151,122	180,240	193,132	149,418	107,764	76,679	59,150	54,439	54,579	54,004	68,404	111,351	1,260,280	163,806	196,091	200,473	154,728	111,173
4880	Misc. Service Revenues	58,133	54,439	74,821	49,919	53,628	55,397	45,327	57,173	55,395	88,176	126,545	87,101	806,054	58,133	54,439	74,821	49,919	53,628
4895-4896	Revenue From Transportation of Gas of Others	1,523,597	1,334,402	1,431,230	1,186,285	1,211,423	1,162,348	1,031,165	1,125,835	1,137,039	1,217,907	1,335,583	1,505,274	15,202,087	1,523,597	1,334,402	1,431,230	1,186,285	1,211,423
4950	Other Gas Revenue (Special Contracts)	221,910	186,722	197,752	174,644	170,440	149,119	183,287	180,802	183,828	198,677	196,959	230,122	2,274,060	221,910	186,722	197,752	174,644	170,440
	Total Other Operating Income	1,954,761	1,755,803	1,896,935	1,560,266	1,543,254	1,443,542	1,318,929	1,418,249	1,430,640	1,558,763	1,727,491	1,933,848	19,542,481	1,967,445	1,771,654	1,904,276	1,565,576	1,546,664
	Total Revenue	23,082,115	24,099,812	19,230,301	13,994,895	10,508,219	8,361,235	7,826,787	7,844,488	7,826,671	9,503,500	14,550,859	21,013,751	167,842,633	24,982,052	24,970,425	19,859,635	14,398,159	10,437,215
	Purchased Gas Costs	12,594,803	13,647,832	9,912,060	6,311,309	3,812,686	2,308,856	2,049,742	1,952,678	1,979,941	3,180,899	6,763,241	11,476,716	75,990,762	14,470,752	14,491,068	10,524,210	6,700,953	3,731,375
	Gross Profit		10,451,980	9,318,241	7,683,586	6,695,533	6,052,379	5,777,045	5,891,811	5,846,730	6,322,601	7,787,618	9,537,035	91,851,872	10,511,300	10,479,357	9,335,424	7,697,206	6,705,840
	Storage Balance							9,050,756	13,028,689	16,993,977	20,994,696	18,901,909	13,878,112		7,064,990	(36,533)	(5,040,825)	(1,178,144)	2,639,752

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192	97,406,846 39,910,196 5,133,564 6,706,910 149,157,516	1,281,230 806,054 15,202,087 2,274,060 19,563,430 168,720,946	76,481,534	92,239,412		
202	97,443,625 40,007,808 5,149,117 6,726,693 149,327,243	1,282,683 806,054 15,202,087 2,274,060 19,564,884	76,749,217	92,142,910		
6102	98,211,508 40,456,028 5,232,281 6,816,058 150,715,873	1,294,782 806,054 15,202,087 2,274,060 19,576,983	78,235,802	92,057,054		
8.07	98,606,865 40,807,855 5,318,858 6,881,513 151,615,190	1,302,067 805,054 15,202,087 2,274,060 19,584,268 171,199,459	79,233,074	91,966,385		
MILL	94,554,102 39,138,131 5,068,654 6,537,829 145,298,717	1,244,576 806,054 15,202,087 2,274,060 19,526,777	73,014,555	91,810,939		
Andrew Commenced Com	98,377,919 40,637,064 5,286,755 6,847,372 151,149,111	1,297,964 805,054 15,202,087 2,274,060 19,580,165 170,729,276	78,709,117	92,020,169		Room S.
Mar-19	11,809,002 4,702,526 560,002 847,566 17,919,095	200,044 74,821 1,431,230 197,752 1,903,847	10,478,128	9,344,814	(4,156,777)	Storage 13-month avg
Feb-19	15,393,652 5,979,382 661,148 1,113,252 23,147,433	195,126 54,439 1,334,402 186,722 1,770,689 24,918,122	14,428,181	10,489,941	906'006	s) <del>-</del>
Jan-19	14,996,861 5,849,828 961,517 1,087,494 22,897,700	163,043 58,133 1,523,597 221,910 1,966,683 24,864,383	14,342,542	10,521,842	8,081,738	
Dec-18	12,512,630 4,909,965 660,778 905,038 18,988,412	110,916 87,101 1,505,274 230,122 1,933,413 20,921,824	11,375,060	9,546,764	19,939,491 14,923,261	
Nov-18	8,401,388 3,461,162 366,059 603,237 12,771,846	67,434 126,545 1,335,583 196,969 1,726,521 14,498,368	6,703,385	7,794,983		
Oct-18	6,042,314 2,198,265 248,266 337,345 7,826,180	53,461 88,176 1,217,907 198,677 1,558,220 9,384,400	3,065,635	6,328,765	22,008,475	
Sep-18	3,926,560 1,836,613 313,149 242,878 6,321,000	54,035 55,395 1,137,039 183,528 1,430,096 7,751,085	1,898,722	5,852,374	18,124,720	
Aug-18	3,962,200 1,858,090 280,518 252,076 6,362,888	53,684 57,173 1,125,835 180,802 1,417,495	1,873,148	5,897,232	14,265,991	
Jul-18	3,943,265 1,848,367 367,460 241,180 6,400,272	58,237 45,327 1,031,185 183,287 1,318,010 7,718,282	1,935,980	5,782,302	10,375,650	
	1,284,846 1,993,667 257,495 265,145 5,801,153	76,089 55,397 1,162,348 1,442,953 3,244,106	2,186,010	960,830,8	6,490,578	

	Jan-17	Feb-17	Mar-17	Арг-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Base Period	Jan-18	Feb-18	Mar-18		Apr-18	May-18	Jun-18
CUSTOMERS																				
Residential	158,882	159,583	159,839	157,294	159,280	156,889	154,747	155,612	153,210	153,525	154,816	158,190	156,822	159,182	159,883	160,139		157,594	159,580	157,189
Commercial	17,877	17,893	17,941	17,571	17,823	17,346	17,026	17,151	16,874	16,780	17,203	17,538	17,419	17,877	17,893	17,941		17,571	17,823	17,346
Industrial	231	226	222	203	222	214	192	216	201	196	212	204	212	231	226	222		203	222	214
Other - Public Authority	1,552	1,546	1,566	1,509	1,576	1,536	1,520	1,593	1,524	1,554	1,556	1,551	1,549	1,552	1,546	1,566		1,509	1,576	1,536
Total	178,542	179,248	179,568	176,577	178,901	175,985	173,485	174,572	171,809	172,055	173,787	177,483	176,001	178,842	179,548	179,868		176,877	179,201	176,285
MCF (Cycle Bill Month)																				
Residential	1,911,617	1,996,539	1,415,818	877,744	408,055	200,720	153,877	154,737	156,317	329,676	871,951	1,520,107	9,997,160	1,915,258	2,000,325	1,418,508		879,434	408,824	201,104
Commercial	807,568	835,526	625,113	425,722	256,879	177,329	158,348	159,554	158,391	218,738	418,788	653,875	4,895,832	807,568	835,526	625,113		425,722	256,879	177,329
Industrial	178,732	122,800	102,873	59,310	59,301	44,559	71,569	51,380	58,558	43,096	56,359	124,135	972,670	178,732	122,800	102,873		59,310	59,301	44,559
Other - Public Authority	165,659	171,037	126,779	81,989	46,989	29,795	25,965	27,212	26,354	41,100	85,198	135,030	963,107	165,659	171,037	126,779	· · · · · · · · · · · · · · · · · · ·	81,989	46,989	29,795
Total	3,063,576	3,125,902	2,270,583	1,444,766	771,224	452,403	409,759	392,882	399,619	632,610	1,432,297	2,433,148	16,828,769	3,067,217	3,129,688	2,273,273		1,446,455	771,993	452,787
Transportation Customers					*															
Tariff	196	196	196	196	196	196	195	195	195	195	196	196	196	196	196	196		196	196	196
Contract Total	14 210	14 210	14 210	14 210	14 210	14 210	14 209	14 209	209	14 209	14 210	14 210	14 209,55	14 210	14 210	210	-	14 210	14 210	14 210
Total	210	210	210	210	210	210	209	208	208	208	210	210	209,00	210	210	210		210	210	210
Volume (Mcf)																				
Tariff	1,585,511	1,364,535	1,484,413	1,201,208	1,232,899	1,182,731	1,023,710	1,137,645	1,145,245	1,240,411	1,366,873	1,553,733	15,518,914	1,585,511	1,364,535	1,484,413		1,201,208	1,232,899	1,182,731
Contract	1,361,393	1,137,558	1,208,822	1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	13,823,013	1,361,393	1,137,558	1,208,822	-	1,065,088	1,072,108	879,128
Total	2,946,904	2,502,093	2,693,235	2,266,295	2,305,008	2,061,859	2,159,723	2,254,109	2,260,971	2,426,216	2,567,885	2,897,630	29,341,927	2,946,904	2,502,093	2,693,235		2,266,295	2,305,008	2,061,859

									No. 200 April 1980	Fiscal Years							
Juj-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Testiperical	2017	2018	2915	2070	2051	29/2		
155,047	155,912	153,510	153,825	155,116	158,490	159,482	160,183	160,439	157,197	156,747	157,047	157,347	157,647	157,947	158,247		
17,026	17,151	16,874	16,780	17,203	17,538	17,877	17,893	17,941	17,419	17,419	17,419	17,419	17,419	17,419	17,419		
192	216	201	196	212	204	231	226	222	212	212	212	212	212	212	212		
1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	1,549	1,549	1,549	1,549	1,549	1,549	1,549		
173,785	174,872	172,109	172,355	174,087	177,783	179,142	179,848	180, 168	176,376	175,926	176,226	176,526	176,826	177,126	177,426		
154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386	9,991,896	10,011,021	10,030,146	10,049,272	10,068,399	10,087,541		
158,348	159,554	158,391	218,738	418,788	653,875	807,568	835,526	625,113	4,895,832	4,895,832	4,895,832	4,895,832	4,895,832	4,895,832	4,895,832		
71,569	51,380	58,558	43,096	56,359	124,135	178,732	122,800	102,873	972,670	972,670	972,670	972,670	972,670	972,670	972,670		
25,965	27,212	26,354	41,100	85,198	135,030	165,659	171,037	126,779	963,107	963,107	963,107	963,107	963,107	963,107	963,107		
410,057	393,181	399,925	633,254	1,434,002	2,436,046	3,070,859	3,133,489	2,275,946	16,857,995	16,823,505	16,842,630	16,861,756	16,880,882	16,900,008	16,919,150		
									63.78	63.75	63,75	63,75	63.75	63.75	63,75		
									281.07	281.07	281.07	281.07	281.07	281.07	281.07		
									4,596,52	4.596.52	4,596.52	4,596.52	4,596.52	4,596.52	4,596.52		
									621,93	621.93	621.93	621.93	621.93	621.93	621.93		
									95,58	95.63	95.57	95.52	95.47	95.41	95.36		
195	195	195	195	196	196	196	196	196	196	196	196	196	196	196	196		
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14		
209	209	209	209	210	210	210	210	210	210	210	210	210	210	210	210		
1,023,710	1,137,645	1,145,245	1,240,411	1,366,873	1,553,733	1,585,511	1,364,535	1,484,413	15,518,914	15,518,914	15,518,914	15,518,914	15,518,914	15,518,914	15,518,914		
1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	1,361,393	1,137,558	1,208,822	13,823,013	13,823,013	13,823,013	13,823,013	13,823,013	13,823,013	13,823,013		
2,159,723	2,254,109	2,260,971	2,426,216	2,567,885	2,897,630	2,946,904	2,502,093	2,693,235	29,341,927	29,341,927	29,341,927	29,341,927	29,341,927	29,341,927	29,341,927		
										79,313	79,313	79,313	79,313	79,313	79,313		
										995,655	995,655	995,655	995,655	995,655	995,655		
										140,024	140,024	140,024	140,024	140,024	140,024		

### ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY DATA Reference Period - Twelve Months Ending 06/30/2017

Line														Number Of			Total
No.	Class of Customers	Jul-16 (a)	Aug-16 (b)	Sep-16 (c)	Oct-16 (d)	Nov-16 (e)	Dec-16 (f)	Jan-17 (g)	Feb-17 (h)	Mar-17 (i)	Apr-17 (i)	May-17 (k)	Jun-17 (i)	Bills (m)	Mcf (n)	(o)	Revenue (p)
		(0)	(0)	(9)	(4)	(0)	(7	(8)	(1)	W	u)	(49	(7)	\y	117	(0)	(4)
1 2	RESIDENTIAL (Rate G-1) FIRM BILLS	W	ARE ON	40-20-20-20-20-20-20-20-20-20-20-20-20-20		4.74.74	42+64A	440.000	AND PRODUCT	in and	44.7.00.4	WEST CONTROL	ALC: FOR	1,880,067		\$19.06	\$35,834,077
3	Sales: 1-300	154,447 173,127	155,812 140,916	162,949 165,532	199,225	164,51c 465,144	167,890	1989 087	1,421,621	1,096,442	167 284 767 272	307.74	198,986	1,000,007	8,157,164	1.5340	12,513,090
4	Sales: 301-15000	0	0	41	906	146	28	274	337	737	502	35			2,002	0.9500	1,902
5	Sales: Over 15000	0		0	0	0	Q.	0	0	0	0	0	0		0	0.7400	0
6	CLASS TOTAL (Mcf/month)	170,127	140,916	165,573	192,346	405, 260	1,413,308	1,939,311	1,422,158	1,037,179	766,770	307,282	198,936	1,880,067	8,159,166		\$48,349,069
8	FIRM COMMERCIAL (Rate G-1)																
9	FIRM BILLS	17,024		16.872	16,778	17,209	¥7. <b>5</b> 35	17,874	17,846	17,928	17.566	17,819	17 744	208,991		49.74	\$10,395,212
10	Sales: 1-300	199.670		161,911	154,466	198.487	545,675	187,668 129,668	577,780	435,544	320,895	175,219	140,400		3,719,669	1.5340	5,705,972
11 12	Sales: 301-15000 Sales: Over 15000	2A856	22,849	25,073	55 954 55 956	5,861 2,986	59,085	22000	70,227	49.673	21,455 o	24,618	15,444		504,034 0	0.9500 0.7400	478,833 0
13	CLASS TOTAL (Mcf/month)	164,536	139,129	177,284	211,576	202,292	601,706	887,213	648,007	486,218	352,150	200,532	153,062	208,991	4,223,703	0.7 140	\$16,580,017
14																	
15 16	FIRM INDUSTRIAL (Rate G-1) FIRM BILLS	082	207	460	100			225	Ž)	211	469	7 A	203	2,416		\$49.74	\$120,188
17	Sales: 1-300	5,059		192 10,002	9.141	15,019	97.30	42,644	at 133	81,541	29,571	10,950	10 344	2,410	241,494	1.5340	370,452
18	Sales: 301-15000	14957	14,067	10,677	21,028	17.824	4° 270	76,700	47.026	41 290	25,829	24,608	17,609		358,823	0.9500	340,882
19	Sales: Over 15000	22,996	0 754	0	0 400	0 00 040	0	0	02.450	72.832	0	0 39.628	07.057	0.440	0	0.7400	0
20 21	CLASS TOTAL (Mcf/month)	22,990	23,751	26,579	30,168	32,843	74,661	119,344	83,159	12,002	46,400	39,020	27,957	2,416	600,317		\$831,522
22	FIRM PUBLIC AUTHORITY (Rate G-1)																
23	FIRM BILLS	1,523	1,593	1,524	1,564	1.555	1,55	1,802	1,546	1,586	1,509	1,576	1,856	18,583		\$49.74	\$924,318
24 25	Sales: 1-300	21,525		77 975 5916	77,000 467	42,387 4,981	108,761 21,731	100.786 96.760	105.099 21.364	94)509 14714	65,690 16,614	96.915 2.618	23.957		688,429 127,962	1.5340 0.9500	1,056,051 121,564
25 26	Sales: 301-15000 Sales: Over 15000	1,242	MODELL CONTRACTOR OF THE PROPERTY OF THE PROPE	0	0	4,561 0	#414 <b>9</b> 3	00 / 00 / 00 / 00 / 00 / 00 / 00 / 00	20-2 <b>0</b> 9 C	0 PRE-188	0	<b>23919</b> 0	0		121,952	0.7400	121,304
27	CLASS TOTAL (Mcf/month)	22,770	22,306	30,940	30,263	47,268	125,481	169,584	126,273	99,254	75,300	39,523	27,430	18,583	816,392		\$2,101,933
28										·							
29 30	INTERRUPTIBLE COMMERCIAL (G-2) INT BILLS	7	7	7		1.3	3							32		393.35	\$12,587
31	Sales: 1-15000	46	59	55	51	502	1812	2.457	1947	1.506	1,495	784	15	ŲŽ.	10,379	0.9090	9,434
32	Sales: Over 15000	0		0	0	0	0	0	0	0	0	0	0		0	0.6849	0
33	CLASS TOTAL (Mcf/month)	16	59	56	51	502	1,612	2,477	1,947	1,506	1,435	704	15	32	10,379		\$22,021
34 35	INTERRUPTIBLE INDUSTRIAL (G-2)																
36	INT BILLS	9	3	- 8	-	8	8	9	16	(0.7)	- 8	10	9	110		393.35	\$43,269
37	Sales: 1-15000	41,847		28,622	14,615	26,083	40,581	65,521	50,061	39/184	32/346	39,478	16,581		421,790	0.9090	383,407
38 39	Sales: Over 15000 CLASS TOTAL (Mcf/month)	7, <b>742</b> 49,089		4,795 33,417	14,615	26,033	12.08.7 53.218	48,477 114,008	106,423 150,474	40,007 79,191	38.094 70.440	72,490 111,608	16,531	110	324,655 746,445	0.6849	222,356 \$649,032
40	CLASS TOTAL (MONHORITY	45,003	21,020	JU,417	14,010	20,000	33,210	114,000	100,774	13,131	70,440	111,000	10,001	110	140,440		\$0 <del>7</del> 3,002
41	TRANSPORTATION (T-4)																
42	TRANSPORTATION BILLS			123	1019	124	124	1924	24	104	124	124	125	1,485		396.49	\$588,788
43 44	Trans Admin Fee EFM Fee	86,060 56,260		25,000 25,000	\$6,067 \$6,325	\$6,100 \$6,400	\$6.100 \$6.400	96,100 66,400	\$5,100 \$5,405	96 100 96 495	86 100 86 425	86,100 86,925	96,480 86,480				73,050 76,450
45	Parking Fee	853	9158	5404	585	574	5801	\$207	9337	5356	\$86	\$175	SICC				2,532
46	Firm Transport: 1-300	\$3,603	23,670	84,424	35,162	86,551	97,200	37,014	97,983	36,818	86,568	94,725	88,980		425,359	1.6233	690,485
47	Firm Transport: 301-15000	349,854	376,638	885,865	486,404	477,246	571.484	568,284	476,844	504,985	991,381	393,761	37.0 GE		5,289,535	1.0053	5,317,570
48 49	Firm Transport: Over 15000 CLASS TOTAL (Mcf/month)	437,560		486,141	69,506 521,372	610,294	147.72 756,411	147.4 <u>27.</u> 752,725	637,000	142,586 684,469	502.442	510.465	504.377	1,485	1,178,385 6.893,279	0.7831	922,793 \$7,671,667
50	on the the following that	101,100	100,020	120,171	U_1,U/L	010,607	190,711	. 44,124	007,000	00 g100		2.0,100	207,011	1) 100	0,000,110		4- (41 1)001
51	ECONOMIC DEV RIDER (EDR)	V														4.4505	22
52 53	Firm Transport: 1-300 Firm Transport: 301-15000	0		0		9	- 0	- 13 - 14	0	9			2		0	1.1505 0.7125	\$0 n
55 54	Firm Transport: Over 15000	10.484	15.523	15,048	15.000	16,291	14.213	25.295	16 169	24.786	17 425	19.607	59.964		212,615	0.5550	118,001
55	CLASS TOTAL (Mcf/month)	10,434		15,048	15,000	16,271	14,213	25,293	18,199	24,758	17,435	19,507	19,934		212,615		\$118,001
56																	

57	TRANSPORTATION (T-3)																
58	TRANSPORTATION BILLS	7.0	72	72	72	72	72	72	78	73	75	73	77	869		398.04	\$345,897
59	Trans Admin Fee	\$2,600	\$3,600	\$5,600	\$9,900	\$3,680	\$3,600	\$3,000	\$3,860	\$3,650	\$8,600	13,050	\$5,550				43,450
60	EFM Fee	\$9,760	\$3,750	\$2,750	\$3,775	\$3,776	\$3,776	\$5,775	\$3,875	\$3,675	188年5年	\$3,878	\$3,875				45,725
61	Parking Fee	\$668	\$453	\$549	5306	\$446	5413	\$223	\$234	\$287	5344	5961	\$352				3,773
62	Interrupt Transport, 1-15000	395,197	362,814	489 666	422,316	469,001	496,988	479,023	437,852	467,940	425,909	458,952	417.587		5,227,792	0.9031	4,721,219
	Interrupt Transport: Over 15000	469,238	199 257	181.757	222,098	227.764	246,987	273,788	215,301	252,285	198-087	204,975	227,598		2,598,044	0.6805	1,767,969
64	CLASS TOTAL (Mcf/month)	524,435	581,211	591,423	651,414	696,785	742,535	752,809	652,653	719,606	623,923	643,907	645,135	869	7,825,836		\$6,928,033
65				-													
66	SPECIAL CONTRACTS																
67	TRANSPORTATION BILLS	- E	75	15	46	15	18	15	± - 14	14	74	14	44	174		375.00	\$65,100
68	Trans Admin Fee	3700	\$600	\$700	\$790	5798	3700	5700	\$950	\$650	\$660	5859	5859				8,150
69	EFM Fee	\$725	5725	\$725	5725	\$875	3875	\$875	3775	5775	5775	\$775	\$175				9,400
70	Parking / Pooling Fees	\$2,029	\$2,635	\$2,262	\$4,989	\$4,624	315,786	\$6,225	98,312	\$7,403	\$8,223	64,727	\$4,256				69,484
71	Transported Volumes	1,157,069	1,136,909	1137,334	1.211.366	1:198:259	1,336,249	1,362,820	1,129,306	1,200,429	1,087,015	1,053,770	871.767		13,847,313	Various	
	Charges for Transport Volumes	\$112,538	\$110,972	\$111.576	8117.783	\$149,831	5167,148	\$163,961	\$1,39,861	\$161,063	5105 504	\$149711	\$102,059				1,641,126
73	CLASS TOTAL (Mct/month)	1,157,069	1,136,909	1,137,334	1,211,366	1,193,259	1,336,249	1,352,820	1,129,306	1,200,429	1,057,015	1,063,770	871,787	174	13,847,313		\$1,793,260

### ATMOS ENERGY CORPORATION - KENTUCKY SUMMARY OF REVENUE AT PRESENT RATES TEST YEAR ENDING MAR, 31 2019

				Reference Period -	Twelve Months	Ending 06/30/2017			ng Adjustments st Year			
Line	4	•	Number	Volumes	Contract Adj. Bills and	Weather Adj. Volumes	Total	Customer Growth	Conservation & Efficiency	Total Test Year	Present	Present
No.		Block (Mcf)	of Bills, Units	As Metered	Volumes	(NQAA 1997-2017)	Volumes	Forecast	Adjustments	Volumes	Margin	Revenue
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(i)	O)	(k)
1	Sales											
2	Firm Sales (G-1)	Customer Chrg	1,880,067					6,300			\$19.06	\$35,954,155
3		Customer Chrg	229,990		13						49.74	11,440,365
4		0 - 300		12,806,757	2,648	2,573,875	15,383,280	35,393	0	15,418,673	1.5340	23,652,245
5		301 - 15,000		992,822	(34,945)		1,024,292	0	0	1,024,292	0.9500	973,078
6		Over 15,000		0	0	0	0	0	0	-	0.7400	0
7	Interruptible Sales (G-2)	Customer Chrg	142		0						393.35	55,856
8		0 - 15,000		432,169	(75,000)		357,169			357,169	0.9090	324,667
9		Over 15,000		324,655	(266,795)		57,860			57,860	0.6849	39,628
10												
11	Transportation											
12		Customer Chrg	1,485		11						396.49	593,149
13		Customer Chrg	869		(17)						398.04	339,130
14		Customer Chrg	174		(7)						375.00	62,475
15		<ul> <li>Customer Chrg</li> </ul>	2,493		(13)						50.00	124,000
	Parked Volumes [1]			757,887	0						0.10	75,789
17											Various	130,600
	Firm Transportation (T-4)	0 - 300		425,359	5,494		430,853			430,853	1.6233	699,404
19		301 - 15,000		5,289,535	151,171		5,440,706			5,440,706	1.0053	5,469,542
20		Over 15,000		1,178,385	(22,342)		1,156,043			1,156,043	0.7831	905,297
21	Economic Dev Rider (EDR)	301 - 15,000		0	0		0			0	0.7125	0
22		Over 15,000		212,615	0		212,615			212,615	0.5550	118,001
23	Interruptible Transportation (T-3)	0 - 15,000		5,227,792	161,611		5,389,403			5,389,403	0.9031	4,867,170
24		Over 15,000		2,598,044	291,250		2,889,294			2,889,294	0.6805	1,966,164
25	Total Special Contracts [2]			13,847,313	(24,300)		13,823,013			13,823,013	Various	2,125,425
26		_										
27	Total Tariff		2,112,727	43,335,446	188,792	2,640,291	46, 164, 529	41,693	0	46,199,922		89,916,140
28		•										
29	Other Revenues											806,054
30	Late Payment Fees											1,297,964
31	Total Gross Profit											92,020,159
32												
	Gas Costs											78,709,117
34											_	
35	Total Revenue										\$	170,729,276
											pranie	

<sup>37 [1]</sup> Parked Volumes not included in Total Deliveries.38 [2] Based on confidential information.

#### ATMOS ENERGY CORPORATION - KENTUCKY VOLUME AND CONTRACT ADJUSTMENTS Reference Period - Twelve Months Ending 06/30/2017

Line No.	Class of Customers	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Number Of Bills	Mcf	Rate	Total Revenue
1.01	Unada di Oddiomoro	(a)	(b)	(c)	(q)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(0)	(p)
1	RESIDENTIAL (Rate G-1)																
2	FIRM BILLS								007		(=0.00			0		\$19.06	\$0
3	Sales: 1-300	0	0	41	905	146	28	274 (274)	337 (337)	737	(502) 502	36	0		2,002	1.5340 0.9500	3,072
4 E	Sales: 301-15000 Sales: Over 15000	U	U	(41)	(905)	(146)	(28) 0	(274)	(557)	(737)	502	(36)	U		(2,002) 0	0.9500	(1,902) 0
6	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0		0	0	0	0	0	0.7400	\$1,169
7	OBAGG TOTAL (Meditional)						· · · · · · · · · · · · · · · · · · ·										ψ1,105
8	FIRM COMMERCIAL (Rate G-1)																
9	FIRM BILLS															49.74	\$0
10	Sales: 1-300															1.5340	0
11	Sales: 301-15000	. 0	0	0	2,056	(2,056)	0	0	0	0	0	0	0		•	0.9500	0
12	Sales: Over 15000	0	0	0	(2,056)	2,056	0	0	0	0	0	0	0			0.7400	0
13	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0	0	0	0	0	0			\$0
14																	
15	FIRM INDUSTRIAL (Rate G-1)												•	40		10 771	2017
16	FIRM BILLS	1	1	1	1	1	1	1	1	1	(0.40)	(007)	2	13	0.40	49.74	\$647
17	Sales: 1-300	(155)	(150)	(171)	(146)	89	654	403	237	294	(242)	(237)	70 0		646	1.5340	991
18	Sales: 301-15000	(361) 0	(42)	(1,267)	(1,542)	(2,605) n	(4,398)	(5,124) 0	(5,329) 0	(3,814) 0	(4,193)	(4,268) 0	0		(32,943) n	0.9500 0.7400	(31,296) 0
19 20	Sales: Over 15000 CLASS TOTAL (Mcf/month)	(516)	(192)	(1,438)	(1,688)	(2,516)	(3,744)	(4,721)	(5,092)	(3,520)	(4,435)	(4,505)	70	13	(32,297)	0.7400	(\$29,658)
21	CLASS TOTAL (MCMININI)	(310)	(182)	(1,450)	(1,000)	(2,310)	(0,744)	(4,121)	(0,032)	(3,320)	(4,400)	(4,000)		IJ	(32,231)		(\$25,000)
22	FIRM PUBLIC AUTHORITY (Rate G-1)																
23	FIRM BILLS													0		49.74	\$0
24	Sales: 1-300														0	1.5340	0
25	Sales: 301-15000														0	0.9500	0
26	Sales: Over 15000														0	0.7400	0
27	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0	0	0	0	0	0	0		\$0
28																	
29	INTERRUPTIBLE COMMERCIAL (G-2)																
30	INT BILLS													0		393.35	\$0
31	Sales: 1-15000														0	0.9090	0
32	Sales: Over 15000														0	0.6849	0_
33	CLASS TOTAL (Mcf/month)	0	0	0_	0	0	0	0	0	0	0	0	0	0	0		\$0
34	BITTON INTINI O BIDLIOTOLAL 40 0																
35	INTERRUPTIBLE INDUSTRIAL (G-2)	^	•	c	n	n	٨	0	0	٨	0		0	0		393.35	ΦΩ
36 37	INT BILLS	0	0	0	0	0	0	(15,000)		0 (15,000)	0 (15,000)	(16,000)	0	u	(75,000)	აყა,ან 0.9090	\$0 (68,175)
37 38	Sales: 1-15000 Sales: Over 15000	n	n	0	0	0	0	(15,000) (34,899)	(15,000) (90,742)	(30,630)	(38,094)	(15,000) (72,430)	0		(75,000) (266,795)	0.6849	(182,728)
39	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	(49,899)	(105,742)	(45,630)	(53,094)	(87,430)	0	0	(341,795)	U.UU+3	(\$250,903)
39	OLAGO TOTAL (INCIATIONAL)	U	U	<u> </u>	U	U	U	(40,000)	(100,142)	(40,000)	(00,004)	(01,400)	U	V	(341,130)		(φευυ,συσ)

#### ATMOS ENERGY CORPORATION - KENTUCKY VOLUME AND CONTRACT ADJUSTMENTS Reference Period - Twelve Months Ending 06/30/2017

Line No.	Class of Customers	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Number Of Bills	Mcf	Rate	Total Revenue
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)	(1)	(m)	(n)	(0)	(p)
	•	. ,	, ,	• ,	` '	` '	• • •	(4)		**	•	• • •	.,	. ,	` '	• ,	47
40																	
41	TRANSPORTATION (T-4)																
42	TRANSPORTATION BILLS	1	1	1	1	1	1	1	1	1	1	1	0	11		396.49	<b>\$4,36</b> 1
43	Trans Admin Fee	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$0				550
44	EFM Fee	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$0				825
45	Parking Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				0
46	Firm Transport: 1-300	455	450	473	477	414	300	300	407	382	592	647	597		5,494	1.6233	8,918
47	Firm Transport: 301-15000	6,982	5,664	8,013	8,712	12,041	10,936	15,677	19,323	14,539	18,366	18,227	12,690		151,171	1.0053	15 <b>1</b> ,973
48	Firm Transport: Over 15000	2,106	2,565	1,800	253	(2,302)	(2,879)	(4,694)	(6,315)	(2,529)	(4,750)	(2,954)	(2,643)		(22,342)	0.7831	(17,496)
49	CLASS TOTAL (Mcf/month)	9,544	8,678	10,287	9,442	10,153	8,357	11,283	13,415	12,392	14,207	15,920	10,644	11	134,323		\$149,131
50																	
51	ECONOMIC DEV RIDER (EDR)																
52	Firm Transport: 1-300	0	0	0	0	0	0	0	0	0	0	0	0		0	1.1505	\$0
53	Firm Transport: 301-15000	0	0	0	0	0	0	0	0	0	0	0	0		0	0.7125	0
54	Firm Transport: Over 15000	0	0	0	0	0	0	0	0	0	0	0	<u> </u>	_	0	0.5550	0
55	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0	0	0	0	0	_	0		\$0
56																	
57	TRANSPORTATION (T-3)				***	***			***	(4)	400	101	***	(47)			(00 707)
58	TRANSPORTATION BILLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(17)		398.04	(\$6,767)
59	Trans Admin Fee	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$100)	(\$100)	(\$100)	(\$100)	(\$100)				(850)
60	EFM Fee	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)				(1,275)
61	Parking Fee	\$0	\$0	\$0 47.340	\$0	\$0	\$0 5.405	\$0	\$0 40.480	\$0	\$0	\$0	\$0		104 044	0.0004	0
62	Interrupt Transport: 1-15000	16,737	16,210	17,346	16,357	6,333	5,125	16,048	16,129	16,114	16,357	16,213	2,641		161,611	0.9031	145,951
63	Interrupt Transport: Over 15000	25,000	25,000 41,210	25,000 42,346	26,825 43,183	27,037 33,370	27,091 32,217	27,353 43,401	27,139 43,268	27,074 43,188	26,843 43,200	26,887 43,100	0 2,641	(17)	291,250 452,861	0.6805	198,196 \$335,255
64 65	CLASS TOTAL (Mcf/month)	41,737	41,210	42,345	43, 183	33,370	32,217	43,401	43,200	43, 168	43,200	43,100	2,041	(17)	452,861		\$330,Z30
	SPECIAL CONTRACTS																
66 67	TRANSPORTATION BILLS	(4)	(4)	(1)	(4)	743	743	(4)	0	0	0	0	0	(7)		375.00	(\$2,625)
• • •	Trans Admin Fee	(1) (\$50)	(1) (\$50)	(1)	(1) (\$50)	(1) (\$50)	(1) (950)	(1) (\$50)	\$0	\$0	\$0	\$0	\$0	(1)		375.00	(350)
68 69	EFM Fee	(\$75)	(\$30) (\$75)	(\$50) (\$75)	(\$50) (\$75)	(\$50) (\$75)	(\$50) (\$75)	(\$75)	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	ъо \$0				(525)
70	Parking Fee	(\$75) \$0	(\$75) \$0	(475) \$0	(475) \$0	(\$75) \$0	(φ/ο) \$0	(\$75) \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0				(323) N
70 71	Transported Volumes	(21,056)	(20,446)	پو (21,608)	پور (25,561)	ას 7,752	7,648	8,573	8,252	8,393	8,073	8,338	7,3 <b>4</b> 1		(24,300)	Various	U
72	Charges for Transport Volumes	62,169	59,645	63,289	69,456	35,854	50,564	45,474	33,924	32,355	16,291	9,377	5,902		(24,000)	VALIOUS	484,300
73	CLASS TOTAL (Mcf/month)	(21,056)	(20,446)	(21,608)	(25,561)	7,752	7,648	8,573	8,252	8,393	8.073	8,338	7,341	(7)	(24,300)		\$480,800
10	OFVOO LO LAT (INCIMIONIN)	(21,000)	(20,440)	(21,000)	(20,001)	1,102	1,040	0,010	リュムシム	0,000	0,010	0,000	1,041	17	124,000		ΨΉΟυ,υου

#### ATMOS ENERGY CORPORATION - KENTUCKY WEATHER ADJUSTMENT - BASE NOAA 1997-2017 Reference Period - Twelve Months Ending 06/30/2017

Line														Number Of			Total
No.	Class of Customers	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Bills	Mcf	Rate	Revenue
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(1)	(k)	(l)	(m)	(n)	(0)	(p)
1	RESIDENTIAL (Rate G-1)																
2	FIRM BILLS													0		\$19.06	\$0
3	Sales: 1-300	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784		1,831,826	1.5340	2,810,021
4	Sales: 301-15000														0	0.9500	0
5	Sales: Over 15000														0	0.7400	00
6	CLASS TOTAL (Mcf/month)	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784	0	1,831,826		\$2,810,021
7																	
8	FIRM COMMERCIAL (Rate G-1)																
9	FIRM BILLS													0		49.74	\$0
10	Sales: 1-300	(5,266)	17,094	(16,238)	5,192	211,932	45,850	(70,125)	165,461	123,354	65,694	48,898	22,791		614,636	1.5340	942,851
11	Sales: 301-15000	(938)	3,272	(2,712)	1,919	4,062	4,708	(11,996)	20,111	14,036	6,443	6,746	1,462		47,114	0.9500	44,758
12	Sales: Over 15000														0	0.7400	0
13	CLASS TOTAL (Mcf/month)	(6,204)	20,366	(18,950)	7,111	215,994	50,558	(82,121)	185,572	137,390	72,137	55,644	24,253	0	661,750		\$987,610
14																	
15	FIRM PUBLIC AUTHORITY (Rate G-1)																
16	FIRM BILLS													0		-	\$0
17	Sales: 1-300	3,021	4,593	(4,139)	9,691	34,013	7,895	(3,027)	37,226	23,444	5,658	6,973	2,066		127,413	0.0000	0
18	Sales: 301-15000	174	313	(447)	1,146	3,917	1,654	(898)	7,538	4,081	1,031	493	299		19,302	0.0000	0
19	Sales: Over 15000	****													0	0.0000	0
20	CLASS TOTAL (Mcf/month)	3,195	4,906	(4,586)	10,837	37,930	9,549	(3,925)	44,764	27,525	6,689	7,466	2,365	0	146,715		\$0

#### Atmos Energy - Kentucky Normalization Of Volumes For Weather Reference Period - Twelve Months Ending 06/30/2017 (Weather Basis: 20-years ending 2017)

Line	Month	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(1)	(j)	(k)	(1)
1	Lagged Actual HDDs	0	0	0	40	204	671	788	604	432	226	93	4
2	Lagged Normal HDDs	0	0	2	89	358	665	852	889	607	354	121	22
3	Calendar Normal HDDs	0	0	24	213	500	808	894	728	519	212	59	2
4													
5	RESIDENTIAL (Rate G-1)												
6													
7	Annual Customer Growth												
8	Annual Base Load Decline												
9	Annual Total Load Decline												
10													
11	Actual Constand Load	153,579	154,439	152,050	152,363	153,647	157,002	157,989	158,686	158,940	156,410	158,384	156,007
12	Actual Heat Load	16,548	(13,523)	13,523	39,982	251,613	1,256,306	1,781,322	1,263,472	878,239	610,361	148,898	42,929
13	Heat Load / Customer	0.107	(0.087)	0.088	0.261	1.628	7.957	11.212	7.917	5.495	3.880	0.935	0.274
14	Actual X Coefficient	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130
15	Product	0	0	0.0259	1.153	4.6377	8.6148	11.0373	11.5166	7.8634	4.5859	1.5675	0.285
16	Base Load	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944
17	Normal Usage / Customer	0.9944	0.9944	1.0203	2.1474	5.6321	9.6092	12.0317	12.5110	8.8578	5.5803	2.5619	1.2794
18	No. of Customers	154,447	155,312	152,910	153,225	154,516	157,890	158,882	159,583	159,839	157,294	159,280	156,889
19	Normalized Volumes	153,579	154,439	156,011	329,032	870,246	1,517,193	1,911,617	1,996,539	1,415,818	877 <sub>1</sub> 744	408,056	200,720
20	Actual Volumes	170,127	140,916	165,573	192,346	405,260	1,413,308	1,939,311	1,422,158	1,037,179	766,770	307,282	198,936
21	Normalized Volume Including Unbilled	153,579	154,439	199,592	575,162	1,154,493	1,809,687	1,998,066	1,663,705	1,233,608	588,398	280,126	160,072
22 23	Normalized Calendar Volumes	153,888	154,750	199,993	576,319	1,156,817	1,813,329	2,002,088	1,667,053	1,236,091	589,582	280,689	160,394
23 24	Weather Adjustment	(16,548)	13.523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784
2 <del>4</del> 25	weather Adjustment	(10,040)	10,020	(3,000)	130,000	404,300	103,000	(21,034)	374,301	310,033	110,874	100,773	1,704
25 26	Tier 1	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784
27	Tier 2	(10,040)	10,020	(3,003)	130,000	404,300	103,000	(21,004)	3171301	370,000	110,574	100,773	1,704
28	Tier 3												
28 29	Total	(16,548)	13.523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784
	Total	(10,046)	13,523	(9,003)	1,00,000	404,500	103,000	(21,094)	J14,301	570,055	110,974	100,773	1,704
30													
31													

#### Atmos Energy - Kentucky Normalization Of Volumes For Weather Reference Period - Twelve Months Ending 06/30/2017 (Weather Basis: 20-years ending 2017)

Line	Month	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
1	Lagged Actual HDDs	0	0	0	40	204	671	788	604	432	226	93	4
2	Lagged Normal HDDs	0	0	2	89	358	665	852	889	607	354	121	22
3	Calendar Normal HDDs	0	0	24	213	500	808	894	728	519	212	59	2
4													
32	FIRM COMMERCIAL (Rate G-1)												
33													
34	Annual Customer Growth												
35	Annual Base Load Decline												
36	Annual Total Load Decline												
37													
38	Actual Constand Load	158,332	159,495	156,919	156,044	159,969	163,085	166,238	166,386	166,833	163,392	165,726	161,308
39	Actual Heat Load	6,204	(20,366)	20,366	55,532	42,322	438,621	720,975	481,621	319,385	188,758	34,805	(8,247)
40	Heat Load / Customer	0.364	(1.188)	1,207	3.310	2.461	25.014	40.337	26.921	17.805	10.744	1.953	(0.475)
41	Actual X Coefficient	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420
42	Product	0	0	0.0839	3.7336	15.0184	27.8973	35.7421	37.2942	25.4641	14.8506	5.076	0.9229
43	Base Load	9,3008	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005	9,3005	9.3005	9.3005	9.3005
44	Normal Usage / Customer	9.3005	9.3005	9.3844	13.0341	24.3189	37.1978	45.0426	46.5947	34.7646	24_1511	14.3765	10.2234
45	No. of Customers	17,024	17,149	16,872	16,778	17,200	17,535	17,874	17,890	17,938	17,568	17,819	17,344
46	Normalized Volumes	158,332	159,495	158,334	218,687	418,286	652,264	805,092	833,580	623,608	424,287	256,175	177,315
47	Actual Volumes	164,536	139,129	177,284	211,576	202,292	601,706	887,213	648,007	486,218	352,150	200,532	153,062
48	Normalized Volume Including Unbilled	158,332	159,495	173,906	305,964	520,746	757,455	836,584	712,750	557,387	319,634	209,830	162,764
49	Normalized Calendar Volumes	158,677	159,842	174,284	306,630	521,879	759,103	838,404	714,301	558,600	320,329	210,287	163,118
50													
51	Weather Adjustment	(6,204)	20,366	(18,950)	7,111	215,994	50,558	(82,121)	185,572	137,390	72,137	55,644	24,253
52		/= <b>55</b> -1											
53	Tier 1	(5,266)	17,094	(16,238)	5,192	211,932	45,850	(70,125)	165,461	123,354	65,694	48,898	22,791
54	Tier 2	(938)	3,272	(2,712)	1,919	4,062	4,708	(11,996)	20,111	14,036	6,443	6,746	1,462
55	Tier 3		-	- (40.850)		645.004	-	***************************************	-	407.000	-		21050
56	Total	(6,204)	20,366	(18,950)	7,111	215,994	50,558	(82,121)	185,572	137,390	72,137	55,644	24,253
57													
58													

#### Atmos Energy - Kentucky Normalization Of Volumes For Weather Reference Period - Twelve Months Ending 06/30/2017 (Weather Basis: 20-years ending 2017)

Line	Month	Jul-16_	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	0)	(k)	(1)
1	Lagged Actual HDDs	0	0	0	40	204	671	788	604	432	226	93	4
2	Lagged Normal HDDs	0	0	2	89	358	665	852	889	607	354	121	22
3	Calendar Normal HDDs	0	0	24	213	500	808	894	728	519	212	59	2
4													
59	FIRM PUBLIC AUTHORITY (Rate G-1)												
60													
61	Annual Customer Growth												
62	Annual Base Load Decline									-			
63	Annual Total Load Decline												
64													
65	Actual Constand Load	25,965	27,212	26,033	26,546	26,580	26,495	26,512	26,409	26,751	25,777	26,922	26,238
66	Actual Heat Load	(3,195)	(4,906)	4,906	3,717	20,688	98,987	143,072	99,864	72,503	49,523	12,602	1,191
67	Heat Load / Customer	(2.102)	(3.080)	3.219	2.392	13.296	63.821	92.186	64.595	46.298	32.819	7.996	0.776
68	Actual X Coefficient	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052
69	Product	0	0	0.2105	9.3655	37.6725	69.9782	89.6563	93.5498	63.8748	37.2516	12.7329	2.3151
70	Base Load	17.0328	17.0823	17.0823	17.0823	17.0823	17.0823	17.0823	17.0823	17.0823	17.0823	17.0823	17.0823
71	Normal Usage / Customer	17.0823	17.0823	17.2928	26.4478	54.7548	87.0605	106.7386	110.6321	80.9571	54.3339	29.8152	19.3974
72	No. of Customers	1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	1,509	1,576	1,536
73	Normalized Volumes	25,965	27,212	26,354	41,100	85,198	135,031	165,658	171,037	126,779	81,990	46,989	29,794
74	Actual Volumes	22,770	22,306	30,940	30,263	47,268	125,481	169,584	126,273	99,254	75,300	39,523	27,430
75	Normalized Volume Including Unbilled	25,965	27,212	29,882	61,377	108,449	158,370	172,518	144,845	112,277	59,441	36,706	26,562
76	Normalized Calendar Volumes	25,952	27,198	29,867	61,346	108,393	158,288	172,428	144,770	112,219	59,410	36,687	26,548
77													
78	Weather Adjustment	3,195	4,906	(4,586)	10,837	37,930	9,549	(3,925)	44,764	27,525	6,689	7,466	2,365
79													
80	Tier 1	3,021	4,593	(4,139)	9,691	34,013	7,895	(3,027)	37,226	23,444	5,658	6,973	2,066
81	Tier 2	174	313	(447)	1,146	3,917	1,654	(898)	7,538	4,081	1,031	493	299
82	Tier 3		-	-	-	-		-	-	_			-
83	Total	3,195	4,906	(4,586)	10,837	37,930	9,549	(3,925)	44,764	27,525	6,689	7,466	2,365

# ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019 CURRENT RATES

								ÇI	JRRENI RATE	<u> </u>					, ,
Line	01	D-1:	440	1140	1 40	1-1.46	A 40	0 40	0.140	M 40	D 40	I== 40	E.6.30	M. 40	Total
No.	Class of Customers	Rate	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Billing Units
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(1)	(k)	(1)	(m)
1	RESIDENTIAL (Rate G-1)														
2	FIRM BILLS	\$19.06	157,594	159,580	157,189	155,047	155,912	153,510	153,825	155,116	158,490	159,482	160,183	160,439	1,886,367
3	Sales: 1-300	1.5340	879,434	408,824	201,104	154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386
1	Sales: 301-15000	0.9500	0,0,707	400,024	201,104	0	00,000	0	000,020	0.000	1,020,000	0	2,004,120	1,421,101	10,020,000
5	Sales: Over 15000	0.7400	0	0	n	0	0	n	0	0	0	0	0	0	0
6	CLASS TOTAL (Mcf/month)	0.7400	879,434	408,824	201.104	154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2.004.126	1,421,181	10,026,386
7	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4,70	\$4.62	\$4,62	10,020,000
8	Gas Costs		\$4,088,765	\$1,992,913	\$980,330	\$751,564	\$752,693	\$760,400	\$1,603,698	\$4,104,688	\$7,155,519	\$9,015,541	\$9,266,234	\$6,570,943	\$47,043,289
9	020 0030		Ψ-1,000,100	Ψ1,002,010	φουσίσσο	Ψ101,00 <del>1</del>	ψ102,000	ψι σο, του	Ψισοσίσος	ψτ, Ιωτ, 000	ψ1,100,010	ΨΟΙΟΙΟΙΟΤΙ	ψυ,Σου,Σοτ	φυ <sub>1</sub> υτ υ <sub>1</sub> υτυ	φ+1,0+0,200
10	FIRM COMMERCIAL (Rate G-1)														
11	FIRM BILLS	49.74	17,568	17,819	17,344	17.024	17,149	16,872	16.778	17,200	17,535	17,874	17.890	17,938	208,991
12	Sales: 1-300	1.5340	386,389	225,116	166,629	134,404	133,874	135,673	159,657	410,419	591,521	687,483	743,241	559,898	4,334,305
13	Sales: 301-15000	0.9500	37.898	31,059	10,686	23,928	25,621	22,661	59,029	7,867	60,743	117,608	90.338	63,709	551,149
14	Sales: Over 15000	0.7400	0	0	0	0	0	0	0	0	0	0	0	0	0
15	CLASS TOTAL (Mcf/month)		424,287	256,176	177,315	158,332	159,495	158,334	218,687	418,286	652,264	805,092	833,579	623,608	4,885,453
16	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	
17	Gas Costs		\$1,972,642	\$1,248,789	\$864,364	\$771,828	\$774,345	\$768,709	\$1,061,720	\$1,965,226	\$3,064,522	\$3,782,551	\$3,854,120	\$2,883,299	\$23,012,115
18															
19	FIRM INDUSTRIAL (Rate G-1)														
20	FIRM BILLS	\$49.74	195	212	205	183	208	193	189	204	196	222	210	212	2,429
21	Sales: 1-300	1.5340	20,329	14,723	10,418	7,904	9,535	9,831	8,995	15,108	34,045	43,047	36,370	31,835	242,140
22	Sales: 301-15000	0.9500	21,636	20,400	17,609	14,576	14,025	15,310	19,486	15,219	36,872	71,576	41,697	37,476	325,880
23	Sales: Over 15000	0.7400	0	0	0	0	0	0	0	0	0	0	0	0	0_
24	CLASS TOTAL (Mcf/month)		41,965	35,123	28,027	22,480	23,559	25,141	28,480	30,327	70,917	114,623	78,067	69,312	568,020
25	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	
26	Gas Costs		\$195,106	\$171,215	\$136,625	\$109,583	\$114,380	\$122,057	\$138,271	\$142,483	\$333,187	\$538,533	\$360,949	\$320,468	\$2,682,859
27															
28	FIRM PUBLIC AUTHORITY (Rate G-1)														
29	FIRM BILLS	\$49.74	1,509	1,576	1,536	1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	18,583
30	Sales: 1-300	1.5340	69,347	43,888	26,023	24,549	25,476	23,786	36,752	76,400	111,646	127,758	142,235	107,984	815,843
31	Sales: 301-15000	0.9500	12,642	3,101	3,772	1,416	1,736	2,568	4,348	8,798	23,384	37,901	28,802	18,795	147,264
32	Sales: Over 15000	0.7400	0	0	0	0	0	0	0	0	0	0	0	0	0_
33	CLASS TOTAL (Mcf/month)		81,989	46,989	29,795	25,965	27,212	26,354	41,100	85,198	135,030	165,659	171,037	126,779	963,107
34	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	
35	Gas Costs		\$381,194	\$229,060	\$145,242	\$126,572	\$132,111	\$127,947	\$199,541	\$400,285	\$634,411	\$778,312	\$790,803	\$586,171	\$4,531,650
36															
37	INTERRUPTIBLE COMMERCIAL (G-2)						_				_	_			
38	INT BILLS	393.35	3	4	2	2	2	2	2	3	3	3	3	3	32
39	Sales: 1-15000	0,9090	1,435	704	15	16	59	56	51	502	1,612	2,477	1,947	1,506	10,380
40	Sales: Over 15000	0.6849	0	0	0	0	0	0	0	0	00	0	0	0	1.
41	CLASS TOTAL (Mcf/month)		1,435	704	15	16	59	56	51	502	1,612	2,477	1,947	1,506	10,380
42	Gas Charge per Mcf		\$3.37	\$3.59	\$3.59	\$3.59	\$3.57	\$3.57	\$3.57	\$3.42	\$3.42	\$3.42	\$3.34	\$3.34	MOT 000
43	Gas Costs		\$4,832	\$2,529	\$52	\$57	\$211	\$202	\$182	<b>\$1,717</b>	\$5,509	\$8,466	\$6,510	\$5,035	\$35,300
44															

### ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019

CURRENT RATES

Column   C									<u>Q</u>	URRENT RATE	<u>s</u>					
No.     No.     No.     No.     No.     No.     No.     No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No.   No		01 10							0 40	0.40		<b>~</b> 40				
STRENGER	NO.	Class of Customers	Rate							~-						
Fig.				(a)	(b)	(C)	(a)	(e)	(1)	(g)	(n)	(1)	(1)	(K)	(1)	(m)
Fig.	45	INTERRUPTIBLE INDUSTRIAL (C. 2)														
Fig.   Sales Over 1000			202.35	Q	10	٥	0	o	o	7	0	0	ū	16	10	110
Select Over 10:00						-					_	•				
ASS TOTAL MARTHONIN   17.46					•							•				
50 Ges Charge par Mart			0.0010											<u>_</u>		
Sec Corp.   Sec																101,002
Teach Separation   Teach Separ																\$1 403 903
STANSPORT ALTON CHAP   1.00		230 2300		400,110	400,0.0	400,000	¥ 0,0 / 0	400,707	7777140	<del>*************************************</del>	400,000	<b>*</b> 101,211	<b>4</b>	ψ110,0001	<b>4.1.2,2.10</b>	41,100,000
SAMSPORTATION BILLS		TRANSPORTATION (T-4)														
Section   Sect			\$396.49	125	125	125	124	124	124	124	125	125	125	125	125	1,496
Fig.	55	Trans Admin Fee		6,150	6.150	6,150	6,100	6,100	6,100	6,100	6,150	6,150	6,150	6,150	6,150	\$73,600
Fig.	56	EFM Fee		6,500	6,500	6,450	6,325	6,350	6,350	6,400	6,475	6,475	6,475	6,475	6,500	\$77,275
Fire	57	Parking Fee		88		100		155	121		74	801	203			
Formal Process	58	Firm Transport: 1-300	1.6233	36,160	35,373	34,587	34,058	34,020	34,597	35,639	36,965	37,500	37,314	37,440	37,200	430,853
CLASS TOTAL (Midmenth)	59	Firm Transport: 301-15000	1.0053	409,697	411,958	388,789	355,836	384,302	391,368	425,416	489,287	582,420	583,961	498,167	519,504	
CONDIC DEVENDER (EDR)	60	Firm Transport: Over 1500	0.7831	70,793		91,645	57,209	80,380	70,462	69,759	94,195	144,848	142,733		140,157	1,156,043
Second Continue		CLASS TOTAL (Mcf/month)		516,649	526,385	515,021	447,104	498,701	496,428	530,814	620,447	764,768	764,008	650,415	696,861	7,027,602
64 Film Transport:1-300																
First   Transport 3,01-15000   0,7425   0   0   0   0   0   0   0   0   0																
First Transport Over 15000							-	-	_	_				_	•	_
CLASS TOTAL (Mc/month)							_					-			•	
FRANSPORTATION IT-3] 71 TRANSPORTATION IT-3] 72 FFMFe			0.5550													
FRANSPORTATION FILES   398.04   71   71   71   71   71   71   71   7		CLASS TOTAL (Mcf/month)		17,435	19,507	19,934	10,434	16,523	15,048	15,000	16,271	14,213	25,293	18,199	24,758	212,615
TRANSPORTATION BILLS  398.04  71  TRANSPORTATION BILLS  398.04  71  Trans Admin Fee  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3,725  3		TO MODERN THOMAS														
71 Trans Admin Fee 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550			000.04	*74	74	****	74	74	74	74	77.4	74	74	74	74	050
FFM Fee 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,725 3,72			398.04													
73 Perking Fee																
Interrupt Transport: 1-15000		<del>-</del>														
Interrupt Transport: Over 15000   0.6805   224,860   231,862   227,598   184,238   213,257   206,757   248,923   254,791   274,088   301,139   242,440   279,340   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,889,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295   2,899,295		-	0.0024													
CLASS TOTAL (Mcf/month) 667,123 697,007 647,776 566,172 622,421 633,769 694,597 730,155 774,752 796,210 695,921 762,794 8,278,699  **PECIAL CONTRACTS**  79 TRANSPORTATION BILLS 375.00 14 14 14 14 14 14 14 14 14 14 14 14 14																
77 78 SPECIAL CONTRACTS 79 TRANSPORTATION BILLS 375.00 14 14 14 14 14 14 14 14 14 14 14 14 14			0.0000			····										
Page		OLAGO TO TAE (MIGRITIONAL)		007,123	007,007	047,170	300,172	022,721	000,103	434,537	700,100	777,102	750,210	030,32.1	102,134	0,270,000
TRANSPORTATION BILLS 375.00 14 14 14 14 14 14 14 14 14 14 14 14 14		SPECIAL CONTRACTS														
Range   Rang			375.00	14	14	14	14	14	14	14	14	14	14	14	14	167
81 EFM Fee			01000													
Parking Fee 8,223 4,727 4,258 2,029 2,635 2,262 4,989 4,624 15,795 6,226 6,312 7,403 \$89,484 17,775,775 1,105,005 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 13,823,013 1,137,558 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,208,822 1,												800	800			
83 Transported Volumes Various 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013   84 Charges for Transport Volumes 159,796 159,087 138,261 174,707 171,617 174,865 187,188 185,685 207,677 209,035 173,785 183,723 \$2,125,425   85 CLASS TOTAL (Mcf/month) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013   86 OTHER REVENUE 88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 \$126 Payment Fees \$154,728 \$111,173 \$76,089 \$58,231 \$53,684 \$54,035 \$53,461 \$67,434 \$110,916 \$163,043 \$195,126 \$200,044 \$1,297,964 \$90   91 TOTAL GROSS PROFIT \$7,697,206 \$6,705,840 \$6,058,096 \$5,782,302 \$5,897,232 \$5,852,374 \$6,328,765 \$7,794,983 \$9,546,764 \$10,521,842 \$10,489,941 \$9,344,814 \$92,020,159 \$92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117		_								4,989	4,624	15,795	6,226	6.312		
Charges for Transport Volumes 159,796 159,087 138,261 174,707 171,617 174,865 187,188 185,665 207,677 209,035 173,785 183,723 \$2,125,425 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,072,108 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,072,108 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,137,568 1,208,822 13,823,013 (CLASS TOTAL (Mc/Imonth)) 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,065,088 1,		•	Various	1,065,088					1,115,726	•	1,201,011	1,343,897	1,361,393		1,208,822	13,823,013
CLASS TOTAL (Mcf/month) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013  86  87 OTHER REVENUE  88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 \$126 Payment Fees \$154,728 \$111,173 \$76,089 \$58,231 \$53,684 \$54,035 \$53,461 \$67,434 \$110,916 \$163,043 \$195,126 \$200,044 \$1,297,964 \$90  91 TOTAL GROSS PROFIT \$7,697,206 \$6,705,840 \$6,058,096 \$5,782,302 \$5,897,232 \$5,852,374 \$6,328,765 \$7,794,983 \$9,546,764 \$10,521,842 \$10,489,941 \$9,344,814 \$92,020,159 \$92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117	84	Charges for Transport Volumes		159,796	159,087	138,261	174,707	171,617	174,865	187,188	185,685	207,677	209,035		183,723	\$2,125,425
87 OTHER REVENUE 88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 \$9	85			1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	1,361,393		1,208,822	13,823,013
88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 \$9 Late Payment Fees \$154,728 \$111,173 \$76,089 \$58,231 \$53,684 \$54,035 \$53,461 \$67,434 \$110,916 \$163,043 \$195,126 \$200,044 \$1,297,964 \$9 TOTAL GROSS PROFIT \$7,697,206 \$6,705,840 \$6,058,096 \$5,782,302 \$5,897,232 \$5,852,374 \$6,328,765 \$7,794,983 \$9,546,764 \$10,521,842 \$10,489,941 \$9,344,814 \$92,020,159 \$92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117	86													_		
89 Late Payment Fees \$154,728 \$111,173 \$76,089 \$58,231 \$53,684 \$54,035 \$53,461 \$67,434 \$110,916 \$163,043 \$195,126 \$200,044 \$1,297,964 90  91 <b>TOTAL GROSS PROFIT</b> \$7,697,206 \$6,705,840 \$6,058,096 \$5,782,302 \$5,897,232 \$5,852,374 \$6,328,765 \$7,794,983 \$9,546,764 \$10,521,842 \$10,489,941 \$9,344,814 \$92,020,159 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117	87	OTHER REVENUE														
90 91 <b>TOTAL GROSS PROFIT</b> \$7,697,206 \$6,705,840 \$6,058,096 \$5,782,302 \$5,897,232 \$5,852,374 \$6,328,765 \$7,794,983 \$9,546,764 \$10,521,842 \$10,489,941 \$9,344,814 \$92,020,159 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117	88	Service Charges			\$53,628	\$55,397										
91 <b>TOTAL GROSS PROFIT</b> \$7,697,206 \$6,705,840 \$6,058,096 \$5,782,302 \$5,897,232 \$5,852,374 \$6,328,765 \$7,794,983 \$9,546,764 \$10,521,842 \$10,489,941 \$9,344,814 \$92,020,159 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117	89	Late Payment Fees		\$154,728	\$111,173	\$76,089	\$58,231	\$53,684	\$54,035	\$53,461	\$67,434	\$110,916	\$163,043	\$195,126	\$200,044	\$1,297,964
92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117	90															
				. , .										1.1		
93 <b>TOTAL REVENUE</b> \$14,398,159 \$10,437,215 \$8,244,106 \$7,718,282 \$7,770,380 \$7,751,095 \$9,384,400 \$14,498,368 \$20,921,824 \$24,864,383 \$24,918,122 \$19,822,942 \$170,729,276						, .										
	93	TOTAL REVENUE		\$14,398,159	\$10,437,215	\$8,244,106	\$7,718,282	\$7,770,380	\$7,751,095	\$9,384,400	\$14,498,368	\$20,921,824	\$24,864,383	\$24,918,122	\$19,822,942	\$170,729,276

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#### ATMOS ENERGY CORPORATION - KENTUCKY SUMMARY OF REVENUE AT PROPOSED RATES TEST YEAR ENDING MAR, 31 2019

Forward-looking Adjustments

4 0 - 300 12,867,877 2,448 2,572,875 15,383,260 35,383 0 15,448,673 1,5700 24,207,317 5 301-15,000 92,822 (34,945) 68,416 1,024,325 0 0 1,024,322 0,9550 1,917,105					Reference Period -	- Twelve Months	Ending 06/30/2017			ng Adjustments st Year			
Sales   (e) (c) (d) (e) (f) (g) (g) (g) (g) (g) (g) (g) (g) (g) (g			0()-04-0			Bills and	Volumes		Growth	& Efficiency	Test Year		
Spiles   S	_No.	Description	BIOCK (MCT)				<del></del>			··········			
Fim Sales (6-1)   Customer Chrap   1,880,007   22,980   13   1,872,686   1,024,282   34,941   31,015,000   30,000   31,080,677   2,646   2,273,875   15,333,280   35,393   0   15,418,733   1,170   2,427,271   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,171   1,17	1	Sales		(a)	(D)	(0)	(4)	(6)	(1)	(9)	(I)	U)	(n)
Second   Customer Charge   Customer Charge   Charge   Customer Charge   Charge   Customer Charge   C			Customer Chra	1.880.067					6.300			\$19.45	\$36,689,838
1,000			Customer Chrg			13			.,.				11,672,669
5	4			,	12.806.757			15.383.280	35.393	0	15.418.673		
Company   Comp	5								,	0			
	6									0			. 0
9	7	Interruptible Sales (G-2)		142		0							56,800
9	8	• • •	0 - 15,000		432,169	(75,000)		357,169			357,169	0.9350	333,953
11	9		Over 15,000		324,655			57,860				0.7059	40,843
2	10				,			•					
1	11	Transportation											
13   Customer Charges (Fi-3)   Customer Charges (SpK)   Customer Char			Customer Chrg	1,485		11						400.00	598,400
1	13	Customer Charges (T-3)	Customer Chrg			(17)						400.00	340,800
15   Transp. Adm. Fee   Customer Ching   2,493   (13)   (13)   (13)   (13)   (13)   (14)   (15)   (14)   (15)   (14)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)   (15)	14	Customer Charges (SpK)	Customer Chrg	174								375.00	62,475
FM Charges	15	Transp. Adm. Fee	Customer Chrg	2,493								50.00	124,000
18         Firm Transportation (T-4)         0 - 300         425,589         5,484         430,853         430,853         1,570         676,439           19         301 - 15,000         5,289,585         151,171         5,440,706         5,440,706         0.9960         541,309           21         Conomic Dev Rider (EDR)         301 - 15,000         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	16	Parked Volumes [1]			757,887							0.10	75,789
19	17	EFM Charges										Various	130,600
20	18	Firm Transportation (T-4)	0 - 300		425,359	5,494		430,853			430,853	1.5700	676,439
21   Economic Dev Rider (EDR)   301 - 15,000   0   0   0   212,615   0   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214,380   214	19		301 - 15,000		5,289,535	151,171		5,440,706			5,440,706	0.9950	5,413,503
Economic Dev Rider (EDR)   301 - 15,000   0   0   0   0   0   0   0   0   0	20		Over 15,000		1,178,385	(22,342)		1,156,043			1,156,043	0.7800	901,713
Interruptible Transportation (T-3)	21	Economic Dev Rider (EDR)	301 - 15,000		0	0		0			0	0.7463	0
24	22	• •	Over 15,000		212,615	0		212,615			212,615	0.5850	124,380
Total Special Contracts [2]   13,847,313   (24,300)   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   13,823,013   1	23	Interruptible Transportation (T-3)	0 - 15,000		5,227,792	161,611		5,389,403			5,389,403	0.9350	5,039,092
26	24		Over 15,000		2,598,044	291,250		2,889,294			2,889,294	0.7059	2,039,553
7 Total Tariff 2,112,727 43,335,446 188,792 2,640,291 46,164,529 41,693 0 46,199,922 91,672,760  20 Other Revenues 30 Late Payment Fees 41 Total Gross Profit 31 Total Gross Profit 32 Gas Costs 33 Gas Costs 34 Total Revenue 35 Total Revenue 37 [1] Parked Volumes not included in Total Deliveries.	25	Total Special Contracts [2]			13,847,313	(24,300)		13,823,013			13,823,013	Various	2,125,425
28	26												
29 Other Revenues       806,054         30 Late Payment Fees       1,311,700         31 Total Gross Profit       93,790,514         32       78,709,117         34       78,709,117         35 Total Revenue       \$ 172,499,631         36       1] Parked Volumes not included in Total Deliveries.       1,770,356	27	Total Tariff		2,112,727	43,335,446	188,792	2,640,291	46,164,529	41,693	0	46,199,922		91,672,760
30 Late Payment Fees 31 Total Gross Profit 32 33 Gas Costs 34 35 Total Revenue 36 Total Revenue 37 [1] Parked Volumes not included in Total Deliveries. 38 Total Revenue 39 Total Revenue 30 Total Revenue 30 Total Revenue 30 Total Revenue 31 Total Revenue 32 Total Revenue 33 Total Revenue 34 Total Revenue 35 Total Revenue 36 Total Revenue	28							-					
31 Total Gross Profit 32 33 Gas Costs 34 4	29	Other Revenues											806,054
32	30	Late Payment Fees											1,311,700
33 Gas Costs 78,709,117 34 35 Total Revenue \$ 172,499,631 36	31	Total Gross Profit											93,790,514
34 35 Total Revenue \$ 172,499,631 36 37 [1] Parked Volumes not included in Total Deliveries.  \$ 1,770,356	32												
35 Total Revenue \$\frac{\$ 172,499,631}{36}\$  36   1] Parked Volumes not included in Total Deliveries. \$\frac{1}{2},499,631}{37}   1] Parked Volumes not included in Total Deliveries.	33	Gas Costs											78,709,117
36 37 [1] Parked Volumes not included in Total Deliveries. 1,770,356	34												
37 [1] Parked Volumes not included in Total Deliveries.	35	Total Revenue											172,499,631
37 [1] Parked Volumes not included in Total Deliveries.	36											<del>1111</del>	
		[1] Parked Volumes not included in Total Deliver	les.										1,770,356

# ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019 PROPOSED RATES

								<u> </u>	ROPOSED RATE	<u>:S</u>					
Line	01	D-1-	4 40	1140	1 40	L130	A 40	0 40	0.140	N40	D 40	1 40	m-L 40	1140	Total
No.	Class of Customers	Rate	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Billing Units
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)
1	RESIDENTIAL (Rate G-1)														
2	FIRM BILLS	\$19,45	157,594	159,580	157,189	155.047	155,912	153,510	153,825	155,116	158,490	159,482	160,183	160,439	1,886,367
3	Sales: 1-300	1.5700	879,434	408,824	201,104	154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386
4	Sales: 301-15000	0.9950	0,0,101	0	0	0	0	0	0	0.0,000	0,020,000	0,010,000	2,001,120	0	0,020,000
5	Sales: Over 15000	0.7800	ñ	ñ	0	ñ	ñ	ñ	ñ	ñ	õ	ő	0	ņ	n
6	CLASS TOTAL (Mcf/month)	0.7000	879,434	408.824	201,104	154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386
7	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	10,020,000
8	Gas Costs		\$4,088,765	\$1,992,913	\$980,330	\$751,564	\$752,693	\$760,400	\$1,603,698	\$4,104,688	\$7,155,519	\$9,015,541	\$9,266,234	\$6,570,943	\$47,043,289
9	Cab Cools		ψ1,000,100	Ψ1,00Z,010	Ψ350,000	ψισι,σστ	ψ1 02,000	ψι ου, ταυ	ψ1,000,000	ψ1,101,000	91,100,010	Ψ0,0 (0,0 (1	Ψ0,200,201	Ψο,στο,στο	φ17,010,200
10	FIRM COMMERCIAL (Rate G-1)			-											
11	FIRM BILLS	50.75	17.568	17,819	17,344	17.024	17,149	16,872	16,778	17.200	17,535	17,874	17.890	17,938	208,991
12	Sales: 1-300	1.5700	386,389	225,116	166,629	134,404	133,874	135,673	159,657	410,419	591,521	687,483	743,241	559,898	4,334,305
13	Sales: 301-15000	0.9950	37.898	31,059	10.686	23.928	25,621	22,661	59.029	7,867	60,743	117,608	90.338	63,709	551,149
14	Sales: Over 15000	0.7800	0,000	01,000	0	20,020	0	22,001	05,020	7,007	0,,,0	0	0.000	00,700	001,140
15	CLASS TOTAL (Mcf/month)	0.7000	424,287	256.176	177,315	158,332	159,495	158,334	218.687	418.286	652.264	805.092	833,579	623,608	4,885,453
16	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4,62	1,000,100
17	Gas Costs		\$1,972,642	\$1,248,789	\$864,364	\$771.828	\$774.345	\$768,709	\$1,061,720	\$1,965,226	\$3.064.522	\$3,782,551	\$3,854,120	\$2,883,299	\$23,012,115
18	043 00013		ψ1,07 <u>2,</u> 0 t <u>2</u>	Ψ1122701100	4007,007	ψ111,020	ψ111,010	ψ. οο,. οο	<b>\$1,001,120</b>	ψ1,000,220	ψο,οο ησεκ	ψο,, οιι,ου .	40,00 1,120	Ψ2,000,200	ψεο,ο τε, τ το
19	FIRM INDUSTRIAL (Rate G-1)														
20	FIRM BILLS	\$50.75	195	212	205	183	208	193	189	204	196	222	210	212	2,429
21	Sales: 1-300	1.5700	20.329	14,723	10.418	7.904	9,535	9,831	8,995	15,108	34,045	43,047	36,370	31,835	242,140
22	Sales: 301-15000	0.9950	21,636	20,400	17,609	14,576	14,025	15,310	19,486	15,219	36,872	71,576	41,697	37,476	325,880
23	Sales: Over 15000	0.7800	21,000	20,400	0	0	0	.0,0.0	0	0,210	00,012	0	0	0,,110	0
24	CLASS TOTAL (Mcf/month)	0.7000	41.965	35,123	28.027	22.480	23.559	25,141	28,480	30.327	70,917	114.623	78,067	69,312	568,020
25	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4,62	000,020
26	Gas Costs		\$195,106	\$171,215	\$136,625	\$109,583	\$114,380	\$122,057	\$138,271	\$142,483	\$333,187	\$538,533	\$360,949	\$320,468	\$2,682,859
27	000 0000		Ψ130,100	Ψ111,210	Ψ100,02.0	ψ100,000	Ψ111,000	Ψ122,001	ψ (00,2.)	Ψ112,100	φοσο, τοι	4000,000	ψυσοίο ιο	<b>4020,100</b>	Ψε,οσε,οσο
28	FIRM PUBLIC AUTHORITY (Rate G-1)														
29	FIRM BILLS	\$50.75	1,509	1,576	1,536	1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	18,583
30	Sales: 1-300	1.5700	69,347	43,888	26,023	24,549	25,476	23,786	36,752	76,400	111,646	127,758	142,235	107,984	815,843
31	Sales: 301-15000	0.9950	12,642	3,101	3,772	1,416	1,736	2,568	4,348	8,798	23,384	37,901	28,802	18,795	147,264
32	Sales: Over 15000	0.3330	12,042	3,101	0,772	1,410	1,730	2,500	T,040	0,750	20,007	01,001	20,002	0,730	0
33	CLASS TOTAL (Mcf/month)	0.7500	81,989	46,989	29,795	25,965	27,212	26,354	41,100	85,198	135,030	165,659	171,037	126,779	963,107
34	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	300,101
35	Gas Costs		\$381,194	\$229,060	\$145,242	\$126,572	\$132,111	\$127,947	\$199,541	\$400,285	\$634,411	\$778,312	\$790,803	\$586,171	\$4,531,650
36	Gas Gosis		φοσι, τοσ	Ψ223,000	\$140,242	φ120,012	φ102,111	Ψ121,041	φ133,041	Ψ400,200	ΨΟΟΤΙΤΙ	Ψ110 <sub>1</sub> 012	φ130,000	Ψ000,171	φ4,001,000
37	INTERRUPTIBLE COMMERCIAL (G-2)														
38	INTERROPTIBLE COMMERCIAL 19-21	400.00	3	4	2	2	2	2	2	3	3	3	3	3	32
39	Sales: 1-15000	0.9350	1,435	704	15	16	59	56	51	502	1,612	2,477	1,947	1,506	10,380
40	Sales: 0-15000 Sales: Over 15000	0.9350	1,430	704	0	0	0	0 0	0	0	1,012	2,477	1,94 <i>1</i> N	1,500	10,000
40	CLASS TOTAL (Mcf/month)	0.1009	1,435	704	15	16	59	56	51	502	1,612	2,477	1,947	1,506	10,380
41	Gas Charge per Mcf		\$3.37	\$3.59	\$3.59	\$3.59	\$3.57	\$3.57	\$3.57	\$3.42	\$3.42	\$3.42	\$3.34	\$3.34	10,000
42	Gas Costs		\$3.37 \$4,832	\$3.59 \$2,529	\$3.59 \$52	აა.ეყ \$57	\$3.57 \$211	\$3.57 \$202	\$3.57 \$182	\$3.42 \$1,717	\$5,509	\$8,466	\$5.54 \$6.510	\$5,035	\$35,300
43 44	Gas 00818		φ4,002	φ <b>∠</b> ,529	ΦQZ	φυ/	φειι	φΖυΖ	φιο∠	φ1,/1/	φυ,υυσ	φυ,4υυ	φ0,010	φυ,υυσ	φουρουσ

# ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019 PROPOSED RATES

								PR	OPOSED RATE	<u> </u>					
Line	Class of Contains	Data	Apr-18	M 40	l 40	64.40	å 40	Sep-18	0-440	Mau dO	Dec 40	Jan-19	F-F 40	Mar-19	Total
No.	Class of Customers	Rate	(a)	May-18 (b)	Jun-18 (c)	Jul-18 (d)	Aug-18 (e)	(f)	Oct-18 (g)	Nov-18 (h)	Dec-18 (i)	(j)	Feb-19 (k)	(l)	Billing Units (m)
			(a)	(1)	(0)	(α)	(6)	(1)	(9)	(1)	(1)	W/	(1/)	(1)	(m)
45	INTERRUPTIBLE INDUSTRIAL (G-2)														
46	INT BILLS	400.00	8	10	9	9	8	8	7	8	8	9	16	10	110
47	Sales: 1-15000	0.9350	17,346	24,178	16,531	41,347	27,820	28,622	14,615	26.033	40.531	50,531	35.051	24,184	346,791
48	Sales: Over 15000	0.7059	0	0	0	7,742	0	4,795	0	0	12,687	13,578	9,681	9.377	57,861
49	CLASS TOTAL (Mcf/month)		17,346	24,178	16,531	49,089	27,820	33,417	14,615	26,033	53,218	64,109	44,732	33,561	404,652
50	Gas Charge per Mcf		\$3.37	\$3.59	\$3.59	\$3.59	\$3.57	\$3.57	\$3.57	\$3.42	\$3.42	\$3.42	\$3.34	\$3.34	
51	Gas Costs		\$58,413	\$86,870	\$59,396	\$176,375	\$99,407	\$119,406	\$52,224	\$88,986	\$181,911	\$219,138	\$149,564	\$112,213	\$1,403,903
52															
53	TRANSPORTATION (T-4)														
54	TRANSPORTATION BILLS	400.00	125	125	125	124	124	124	124	125	125	125	125	125	1,496
55	Trans Admin Fee		6,150	6,150	6,150	6,100	6,100	6,100	6,100	6,150	6,150	6,150	6,150	6,150	\$73,600
56	EFM Fee		6,500	6,500	6,450	6,325	6,350	6,350	6,400	6,475	6,475	6,475	6,475	6,500	\$77,275
57	Parking Fee		88	175	100	53	155	121	68	74	801	203	337	356	\$2,532
58	Firm Transport: 1-300	1.5700	36,160	35,373	34,587	34,058	34,020	34,597	35,639	36,965	37,500	37,314	37,440	37,200	430,853
59	Firm Transport: 301-15000	0.9950	409,697	411,958	388,789	355,836	384,302	391,368	425,416	489,287	582,420	583,961	498,167	519,504	5,440,706
60	Firm Transport: Over 1500	0.7800	70,793	79,054	91,645	57,209	80,380	70,462	69,759	94,195	144,848	142,733	114,808	140,157	1,156,043
61	CLASS TOTAL (Mcf/month)		516,649	526,385	515,021	447,104	498,701	496,428	530,814	620,447	764,768	764,008	650,415	696,861	7,027,602
62 63	ECONOMIC DEV RIDER (EDR)														
64	Firm Transport: 1-300	1.1505	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Firm Transport: 301-15000	0.7125	0	0	0	0	0	0	0	0	0	0	0	0	0
66	Firm Transport: Over 15000	0.5550	17,435	19,507	19,934	10,434	16,523	15,048	15,000	16.271	14,213	25,293	18,199	24,758	212,615
67	CLASS TOTAL (Mcf/month)	0,000	17,435	19,507	19.934	10,434	16,523	15,048	15,000	16,271	14,213	25,293	18.199	24,758	212,615
68	TO 17 the printing of the prin		71,122			12,101			70,000					21,700	,
69	TRANSPORTATION (T-3)													-	
70	TRANSPORTATION BILLS	400.00	71	71	71	71	71	71	71	71	71	71	71	71	852
71	Trans Admin Fee		3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	\$42,600
72	EFM Fee		3,725	3,725	3,725	3,675	3,675	3,675	3,700	3,700	3,700	3,700	3,725	3,725	\$44,450
73	Parking Fee		344	381	382	138	263	349	306	446	410	233	234	287	\$3,773
74	Interrupt Transport: 1-15000	0.9350	442,263	455,145	420,178	381,934	409,164	427,012	445,673	475,364	500,663	495,071	<b>453,48</b> 1	483,454	5,389,404
75	Interrupt Transport: Over 15000	0.7059	224,860	231,862	227,598	184,238	213,257	206,757	248,923	254,791	274,088	301,139	242,440	279,340	2,889,295
76	CLASS TOTAL (Mcf/month)		667,123	687,007	647,776	566,172	622,421	633,769	694,597	730,155	774,752	796,210	695,921	762,794	8,278,699
77 70	CDECIAL CONTRACTS														
78 79	SPECIAL CONTRACTS TRANSPORTATION BILLS	375.00	14	14	14	14	14	14	14	14	14	14	14	14	167
80	Trans Admin Fee	375.00	650	650	650	650	650	650	650	650	650	650	650	650	\$7,800
81	EFM Fee		775	775	775	650	650	650	650	800	800	800	775	775	\$8,875
82	Parking Fee		8,223	4,727	4,258	2.029	2,635	2,262	4,989	4,624	15,795	6,226	6,312	7.403	\$69,484
83	Transported Volumes	Various	1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1.185,805	1,201,011	1,343,897	1,361,393	1,137,558	1,208,822	13,823,013
84	Charges for Transport Volumes		159,796	159,087	138,261	174,707	171,617	174,865	187,188	185,685	207,677	209,035	173,785	183,723	\$2,125,425
85	CLASS TOTAL (Mcf/month)	•	1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	1,361,393	1,137,558	1,208,822	13,823,013
86									······································			Atwasses			· · ·
87	OTHER REVENUE														
88	Service Charges		\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$806,054
89	Late Payment Fees		\$155,894	\$112,133	\$76,936	\$59,046	\$54,506	\$54,844	\$54,353	\$68,584	\$112,384	\$164,710	\$196,830	\$201,478	\$1,311,700
90															
91	TOTAL GROSS PROFIT		\$7,845,937	\$6,831,579	\$6,169,650	\$5,888,945	\$6,005,336	\$5,959,651	\$6,446,428	\$7,942,408	\$9,732,831	\$10,733,065	\$10,701,543	\$9,526,763	\$93,784,135
92	Gas Costs		\$6,700,953	\$3,731,375	\$2,186,010	\$1,935,980	\$1,873,148	\$1,898,722	\$3,055,635	\$6,703,385	\$11,375,060	\$14,342,542	\$14,428,181	\$10,478,128	\$78,709,117
93	TOTAL REVENUE		\$14,546,890	\$10,562,953	\$8,355,660	\$7,824,924	\$7,878,484	\$7,858,373	\$9,502,063	\$14,645,793	\$21,107,891	\$25,075,607	\$25,129,723	\$20,004,891	\$172,493,252

TEST YEAR - ADJUSTED

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Ē			Current Base	Current PRP	Current Total	Proposed	Filed Proposed			Current Rate		Propused Rate	
No. Billing Component		Applicable Tariffs	Rates	Rate	Rate	Rate	Rates	Billing Component		Norm Hrs	After HIS	North Hrs	After Hrs
	(a)	<b>②</b>	<b>e</b>	Ē	(e)	¢	(6)	Ē	6	8	争	æ	(m)
1 CUSTOMER CHARGES, \$\month								SERVICE CHARGES					
2 Firm Services - Residential		3	3.05	1000	\$19.06	\$19.45		Meter Set		534.00	\$44.00	834.00	00 YPS
3 Firm Services - Non-Residential		. I		n u	\$49.74	\$50.75		Tumon		\$23.00	\$28.00	523.00	\$28.90
4 Interruptible Sales		25	118.00	50,000	\$393,35	\$400,00		Read		\$12.00	\$14,00	\$12.00	\$14.00
5 Firm Transportation		<u>†</u>	¥	9 10	\$396,49	\$400.00		Recontact Delinquent Service	vice	\$39,00	\$47.00	239.00	\$47.00
6 Interruptible Transportation		12	2016.15	1000	\$390.04	\$400.00		Seasonal Charge		\$65.00	\$73,00	\$65.00	\$72.00
7 DISTRIBUTION CHARGES, \$786cf	W/o PRP>							Special Meter Reading Charge	arge	20,02	N.	00.00	NA
8 Firm Sales		9						Meter Test Charge		\$20.00	NIA	\$20.00	NA
9 1-300 Mer	\$0.03600			\$0.000	\$1.5340	\$1.5700		Returned Check Charge		\$25.00	MA	\$25.00	NA
10 301-15000 Mof	\$0,04500		1.84	80,000	\$0,9500	\$0.9950		Lafe Payment Charge		2%	%	**************************************	5%
11 Caver 15000	\$0.04000		10,740	\$0,000	\$0.7400	\$0.7300		Class 1 EFM Equipment Charge	harge	\$75.00	MA	575,00	NA
12 Firm Transportation		7						Class 2 EFM Equipment Charge	herge	\$175.00	WA	\$175.00	NA
13 1-300 Mef			\$1,53400	1000	\$1.5233	\$1.5700		-	,				
14 301-15000 Mef			\$0.95000	Str. 1984.	\$1,0053	50,9950							
15 Over 15000			\$0.74000	STORES OF	\$0,7831	\$0.7800							
16 Internatible Sales		6.2											
7 1–15000 Mef	\$0,02600		\$1.00018	4109-03	0606'05	\$0.9350							
l8 Over 15000	\$0.02100		Stradese	100000	\$0.6049	\$0.7059							
19 Interruptible Transportation		ŗ											
20 1-15000 Mef			\$0.85000	SECTION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON	\$6,9031	\$0.9350							
21 Over 15000			\$0,64050	Student	\$0.6805	80,7059							
22 OTHER CHARGES													
23 Transp. Adm. Fee, SMdcf		F2, T3, T4	\$50,00	\$50.00	\$50.00	\$50.00							
24 Parking, \$Mof		1. 1.	0.10	0.10	0.10	0,10							
25													
26 SUMMARY OF PROPOSED VS. CURRENT RATES:	RRENT RATES:												
27		Base Monthly Charges		Transp AdmiParking/ EFM Charges	ImParking/ EFM Che	arges		Distribution Charges			TOTAL		
							-				The state of the s		

14% Chemee 2.14% 2.22% 2.236% 2.72% 2.36% 1.12% 1.00% 1.00% 1.00% 1.00% 1.00% 1.00% 1.00% 1.00% 1.00% 1.00%

13,736

2,104,018

774,389 7,109,656 50%

7,192,244

53%

53%

38 Other Gas Revenues 39 Total Revenue 40 41 % fixed

Diffeence 1,006,533 391,918 29,834 54,768 11,448 169,543

Proposed 62.471,263 17,358,545 827,882 2,370,488 431,589 15,371,732 2,774,060 91,686,368

Current 61,334,630 17,567,627 801,348 2,315,722 420,163 15,202,108 2,274,090 88,016,128

\*\*Change 2.36% 2.52% 3.43% 2.55% 2.56% 2.56% 2.66% 2.66% 1.16% 0.00% 1.86% 1.86%

Proposed 16,741,425 7,383,252 704,410 1,427,401 374,739 14,188,302 2,125,425 41,915,015

Gurrent 16,380,475 7,172,415 881,125 13,91,404 364,298 14,025,890 2,125,425 41,140,825

Transp AdmiPerking/ EFM Charges

Current

0.00%

244,230 36,159 330,389

244,230 85,159 330,389

Pineponaud 38,689,838 10,606,233 173,272 943,087 56,800 893,200 62,475 49,421,185 975,851

Current 35,964,155 10,395,212 120,818 924,318 924,318 65,856 932,278 62,475 48,445,114

28 Total Class
29 Readential
30 Commandia (firm
31 Industrial Firm
32 Public Authority Firm
33 Coverhiff Interruptible
34 Tresponsible
55 Special Contracts
55 Special Contracts

1,764,082	(106)
Rev Req Incr >>	

5 2 2 3 5

1.96%

	Addition				2009-00364	33,845,620	561,234	1,778,837	196,998	8,279,335	1,382,303	57,251,086	207 007 0	2,480,422														
	MANAGEMENT				157,197 Total Class	17,416 Residential	202 Commercial Firm 1,549 Industrial Firm	12 Public Authority Firm	210 Carvind Interrupible	Trensportation	Special Contracts	Sub-total Revenue	2	Total Bayanus		52.73	4,545,14	210.59										
1	1															1.1%	0.9%	%6"0										
															'g Current Mo Bill	52.15	4,504.29	208.63										
				P	10,026,388	4,885,453	10,380 4.895 B34	568.020	404,652	972,672	963,107	29,341,929		A5 190 927	Aug Ma Usage, Mal Avg Current Mo Bill	63	5,999	25.7										
				Incressemonth	0.58	1.88	1.88	10.64	29.67	14.49	2.95	67,46		680	200	0.58	40.85	96,1		0.83								
				Customers	157,197	17,416	17.419	202	135	212	1,549	210		176 GRR	2000	157,197	421	18,967		175,586								
				ncrasse %	1.11%	0.97%	%45°T	0.74%	0.61%	200,0	0.80%	%26"0	0.65%	1 03%		1.1%	0.9%	%60	0.7%	1,0%							1.19%	2.17%
'				increase	1,096,633	391,918	392 400	25,834	10,964	36,788	54,766	169,643	13,736	1 763 976	2000	1,096,633	206,441	447,166	13,736	1,763,976							\$0.58	1.05
				Phop Rev	99,474,552	40,971,660	57,003	3.510.541	1,812,997	5,323,539	6,902,138	17,645,791	2,117,754	172 403 230	200,000,000	99,474,552	22,969,330	47,931,604	2,117,754	172,493,239		519.45	\$1.5700	5,6	26.04 25.0 kg	\$21.64	\$49,41	40,4
				Current Rev	98,377,919	40,579,742	57,323	3.484.707	1,802,034	5,286,741	6,847,372	17,478,148	2,104,018	170 720 264	to the state of th	98,777,919	22,762,889	47,484,437	2,104,018	170,729,264		\$19.08	\$1,5340	2,3	50,00	\$21.64	548.83	48.35
		45			Residential	Som Firm	Com Total	Ind Fifth	ind int	Ind Total	PA	Transp.	Other	Toke		Residential	Ind & Transp	Com & PA	Other		Residentia	Customer Charge	Distribution Rate	Distriction	DESCRIPTION CHARGOS	Gest Change	Total	

	Current (st block	-					-			1,0338	0.5489	0,30,30		1,1189	0.8898	_			in the latter of the second of		one definementation for the transfer of the contraction of the contrac	The second section of the section of the second section of the section of the second section of the section of the second section of the section of th									
1,8340 1,8700 0,8900 0,8880 0,7400 4,7800 0,8900 0,8890 0,8849 0,7039	Current Data December 19		8) 613	50.75	400,89					1,5700	0.3350	0.7.500		055E(0	8,207.0			345821,	\$07 \$07	411.7 411.84	descent admitted betilds to the factor of th	Karanan yang mengangan penganan dan penganan dan penganan dan penganan penganan penganan penganan mengan mengan ST-280	0.77%	108,642	9/U.T						
64, LVS-1, 7-20G-1, 7-4	G-2_LVS-2_T-2/G-2_T-3		2	2	G2, LVS-2	S-1,4-1	files manager 1	G-1 (Non-residential)	LVS-1, T-2/G-1, T-4					G-2, LVS-2, T-2/G-2, T-3						A A COMMANDA AND A CO					Supplied to the supplied to th						
OWERRUN CHARGES, \$484c1 Finn Carriage Overnan 1-300 Met 3-1-5000 Met Over 15000 1-15000 Met Over 15000	Int. Carriage Overnin		Firm Services - Residential	Firm Services - Non-Residential	Interruptible Services	Certificate Hemsportation	0.64%	0,89% Firm Sales & Transportation:	0.83%		-3.28% 301-15000 Mdf	-1, U.Z.% Cver 15000	-U.4U.%	0.71% lnt. Sales & Transportation 0.61% 1-15000 Mef	Over 15000	3.53%	3.73%	Total lucrosse	i otal increase % Residential incr	Residential Inc.% Com/PA Inc.	Com/PA Incr%	Ind/Int laur	Ind/Int lncr %	Iransp Incr	Transp Ingr% Total % Volumetric Marrain Constitution		1.11% Res	0.94% COTVPAF	0.70% Ind/Int	0.97% Transp & SC	0.91% Ind/Int/Transp/SC
	70						5.6535	5.0785	4.8635		1,5/00	0.8950	17,7 BUD	3.6967		0,9350	0.7059					#DIV/IDI	#D1//10i	ID/AIG#	#D1//01	#DIVIDI					
							5.6175	5.0335	4.8235		1.6233	1,0054	0.7833	3,6707		0.9031	0,6805				9		0.63	2.51	72.38	51.67					
	Most 2008 - 0.00 about	C					4,0835	4.0835	4.0835					2.7617							ош на	2.46	7.59	30.11	11.27	620.08					
	N	1.78	44.07	28.33	29.24						0.093	1.000,0	0.0423	0.057	0.057					10 July 1	per yr		132,248	6,095	17,430	113,192	16,745				
																					400000000	57.20%	19.59%	0.90%	2,69%	16,77%	2.48%				
		13.25	3 08	300				121	0.79	0.4915		6	0,65	0.43							TTL CHINGE	1.11%	%25.0	0.74%	0.50%	1.12%	0,00%			ALC: Y	8.50°L
		13.50 28.00	300,00	300,00				1.19	0.77	0.49		į	999	0.41							GAS COST TIL C	g	23,012,115	2,682,859	4,531,850	postant i					78,708,117
	000	NOT poendo									1,1505	0.7720	U.5550								_										
(108)	Comment EDD D. Descending										1.1505	0.7726	neco(n									51,334,630	17,567,627	901,848	2,315,722	15,202,088	2,274,060				

Rev @ Pres 194852 23,944,620 11,206,739 11,607,627 11,607,627 11,607,627 11,608 13,720 13,520 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,044 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084 13,520,084

PRP @

ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH WEATHER & YOZLOME CONTTACT ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019

	188	168,480 0 0 0 523,005 \$4.70 \$4.70 7,155,519	17.535 591.521 60.743 0 652.284 54.70 54.70	156 34,045 36,872 0 0 0 70,817 54,70 333,187	1,551 111,646 25,384 0 1,35,030 54,70 5894,411	1,612 0 1,612 53,42 \$5,509	9 40,531 12,687 53,216 53,42 5181,311	125 55,150 56,475 5801 73,500 75,500 144,849 144,849 784,789	14.213 14.213	71 \$3,700 \$410 \$410 \$274,085 774,792	14 \$600 \$16,796 \$1,343,637 \$207,677	\$87,101	1,764
	B Dec-18	- 17 "	17,200 11 410,419 597 7,867 88 0 0 418,288 655 54,70 3	204 15,108 34 15,219 36 0 0 30,327 74 \$4,70 4 142,483 333	1,556 76,400 111 8,738 22 0,547 128 84,70 8	502 0 502 502 502 53.42 \$3.717	28.033 40 0 13 28.033 50 50.42 5	45,156 57 55,475 57 57, 57 36,165 37 480,287 552 94,195 144	0 0 16.271 14	7 52,500 53 546 500 548 500 548 500 548 500 548 500 548 500 548 500 558 500 500 500 500 500 500 500 50	\$500 \$200 \$4,624 \$16 \$1,271,011 1,345 \$185,685 \$207 \$1,371,011 1,345		385 \$3,546,754 385 \$11,375,090 389 \$20,921,824
	S Nov-18	1 22	9	189 8.995 19,496 0 28,490 3,4,55 138,271 142	1,654 1 36,752 76 4,346 8 0 0 41,100 89 54,85 \$	51 51 51 51 51 51 51 51 51 51 51 51 51 5	14,615 28 0 14,615 28 \$25,724 \$8	124 \$8 100 \$8 56,400 \$8 56,400 \$9 56,400 \$9 425,416 489 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,000 \$9 56,0000	0 0 15,000 18	71 53,550 53,700 53,05 53,05 54,5,673 248,533 248,533 248,533 248,533 730 694,597			765 \$7,794,963 535 \$6,702,395 401 \$14,488,359
	8 Oct-18	#	67.7.3 16.7.78 66.1 169.657 66.1 69.029 0.02 218.887 7.85 \$1.85 7.09 61.065,720		1,524 1, 23,736 36, 2,558 4, 0 0 26,354 41, 26,354 41, 26,354 41,	2 56 0 0 58 58 58 58 58 58 58 58 58 58 58 58 58		11			14 14 14 14 15 15 15 15 15 15 15 15 15 15 15 15 15		374 \$8,328,765 722 \$3,055,535 385 \$9,384,400
	(ac)	112 155,510 108 166,623 0 0 0 0 0 0 0 0 0 0 885 885 885 885 885 886	49 18,872 22,613 22,613 0 0 0 158,334 35 84,83 345 5781,709	196 9.6310 175 15.310 10 0 10 0 10 0 10 0 10 0 10 0 10 0 1		25 59 50 50 50 50 50 50 50 50 50 50 50 50 50	20 28,622 00 4,735 00 4,735 00 33,417 01 \$119,45	24 124 124 124 124 124 124 124 124 124 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	71 77 50 53,550 81 53,675 89 53,675 84 427,012 67 200,757 72 650,763	14 14 14 14 160 160 160 160 160 160 160 160 160 160		32 \$5,862,374 48 \$1,598,722 80 \$7,751,085
	Aur-18 (ab)	## 155,812 155,038 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	24 17.149 28 25.621 0 0 0 32 159.495 37 54.85 28 5774,345	23 208 24 9,636 76 14,025 0 0 0 0 22,669 37 54,86	1,683 19 25,476 1,738 0 0 0 27,217 7 54,85		9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25 100 25	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	71 71 71 71 71 71 71 71 71 71 71 71 71 7	14 50 50 50 50 50 50 50 50 50 50 50 50 50		22 \$5,897,232 50 \$1,873,148 52 \$7,770,380
	JUF-16 (ea)	165.047 164.175 0 0 0 0 0 0 0 0 0 0 0 0 0	13,404 39 13,404 39 23,628 0 0 0 0 0 0 158,332 34,87	183 1,804 18 14,578 0 0 0 7 22,480 7 54,67	1,820 24,549 2 1,436 0 0 0 5 25,965 7 54,87	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	41.347 0 7742 0 7742 0 49.089 0 53.59	58.100 58.100 58.100 58.200 7 94.069 9 355.200 17.200	0 0 0 0 0 4 10,434 4 10,434	71 71 23,550 53,875 53,875 8 381,934 8 184,238 8 593,177	5 5650 5 5650 8 1.135.013 8 1.135.013 8 1.135.013		6 \$5.782,302 0 \$1,835,580 6 \$7,718,282
	8)-ria	0 157,188 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 17,344 6 165,629 19 10,689 0 0 0 177,315 17 5,487 19 5,684,384	2 205 2 10,418 0 17,609 0 0 0 0 28,027 7 54,87	6 1,536 8 28,023 11 3,772 0 0 0 9 29,735 7 54,87	4 4 4 4 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	6 16,251 0 0 0 0 0 16,251 0 53,356 0 559,366	55.126 0 55.150 0 55.450 5 51607 5 34.657 8 38.759 8 38.759 6 515.021	0 0 0 0 7 19,834 7 19,534	71 53,550 5,37,25 5,37,25 6,420,78 7,227,598	\$650 \$775 \$775 7 \$4,268 8 \$73,128 7 \$138,261 7 \$138,261		0 \$6,058,096 5 \$2,168,010 5 \$3,244,106
	Mav-18 (v)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17,819 225,116 8 31,009 0 0 7 2,86,176 51,248,789	212 14,723 20,400 0 0 36,123 54,87	1.576 43.888 3.401 0 0 46.363 5.447 5.447	4 70 704 83.558 83.558 83.558	10 0 0 0 24.178 82.59 8 586.670	125 \$6150 \$150 \$175 \$175 \$11858 \$11858	0 0 19507	\$3,550 \$3,725 \$31,725 \$381 455,145 \$31,862 \$31,862	\$800 \$776 \$4,727 1,072,108 \$159,087		58,705,840 53,731,376 510,437,215
	April 8	157,594 879,434 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17,568 385,889 37,898 0 0 0 1 54,287 84,65 84,65	20,328 21,636 41,965 84,65	1509 69.347 12.842 0 0 81.365 83.81.194	1,435 0 1,435 83,37 54,832	17.346 0 17.346 17.346 83.37 \$58.415	25, 25 26, 25 26, 25 27, 27, 27, 27, 27, 27, 27, 27, 27, 27,	0 0 17.435 17.435		\$650 \$775 \$775 \$8.223 1.065,088 \$169,796 1.065,088		\$7,697,206 \$6,700,953 \$14,398,159
	Maz-18 (w)	160,139 1,418,508 0 0 0 1,418,503 \$4,65 \$4,65	17,202 559,286 63,709 0 0 623,603 54,68	212 31,825 37,476 0 89,312 \$1,65 \$322,252	1,566 107,984 187,997 17,997 17,997 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68 18,68	3 1,506 1,506 \$3.37 \$5.071	24.184 24.184 8.377 33.561 \$5.37	125 86,150 86,500 1200 37,200 519,504 140,157 666,865	24.758 24.758	\$3,726 \$3,726 \$287 483,454 278,340 762,794	14 SBE0 S775 \$7,403 1,208.822 \$183.723 1,208.822		\$9,335,424 \$10,524,210 \$19,859,635
	ð. Si	169,883 2,000,325 0 0 2,000,325 84,65 \$9,800,138	17,890 743,241 60,338 833,579 54,65 83,875,573	210 36,370 41,697 0 0 14,067 84,65 84,65 84,65 8162,959	1,546 142,235 28,302 0 0 17,1,057 84,85 87,86,305	1,947 0 0 1,947 \$3137 \$6,557	16 35,051 9,881 44,722 \$13,058	125 \$6,150 \$18,475 \$337 37,440 14,809 114,809 650,415	18,190 18,190	72 83,755 83,755 853,461 853,461 242,440	9890 8776 86,312 1,137,558 8178,768		\$10,479,357 \$14,491,088 \$24,970,425
	Jan-18 (a)	159,162 1,915,258 0 0 1,915,258 54,75 \$8,75	17,874 657,483 117,508 805,092 84,75	222 45.047 71.576 0 114.623 54.75 54.75	1,552 127,758 37,901 0 165,659 54,75 54,76 54,76	3 2477 0 2477 83.46 \$8.579	9 50,531 13,578 64,108 53,46 \$222,067	125 86,150 86,475 8208 87314 82,391 142,739 764,008	22.23	53,550 53,700 52,700 5233 495,071 301,139	14 5650 5800 \$47.226 1.351.393 \$200.035		\$10,511,300 \$14,470,752 \$24,982,052
	Dec 17 (0	152,190 1,520,107 0 0 1,520,107 \$4,72 \$7,215,878	17,535 591,521 60,743 0 0 0 552,256 \$4.75 \$4.75	196 34,046 35,872 0 0 0 70,917 \$4,75 \$338,550	1,1551 111,846 25,384 0 1,35,030 54,75	3 1.612 0 0 1.612 53.46 \$5.48	40,531 12,897 53,218 53,48 5184,342	126 86.150 86.475 8801 37.800 552,420 144.848	14,213	77 \$3,650 \$3,700 \$410 \$00,683 274,088 774,752	14 Secto Sacto \$15,795 1,943,697 \$207,677		\$9,537,026 \$11,476,716 \$21,013,751
	Nov-17 (s)	154,816 571,361 0 0 871,361 54,765 54,765	17,200 410,419 7,867 81,285,059 54,75 81,385,059	204 15,108 15,219 0 30,327 \$4,75 \$1,75	1,556 76,400 8,786 0 85,196 \$4,75 \$4,75 \$4,75	502 0 0 503 503.48 \$5.48	26,033 26,033 28,035 33,48 80,175	126 56.150 56.476 874 36.986 469.287 94.186 550.447	0 D 16,271 16,271	12,556 12,700 12,700 12,700 17,534 17,534 17,534 13,134	14 \$650 \$300 \$4,624 1,201,011 \$166,665	\$126,545 \$68,404	\$7,787,618 \$8,752,241 \$14,550,859
	Dd:17	153,525 322,678 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	16,778 159,657 59,029 0 218,687 \$5,05 \$1,05,769	169 9,586 19,486 0 0 0 55,06 \$1,44,008	1,564 38,762 4,348 0 41,100 \$5,06 \$207,619	2 51 51 \$196	7 14,818 0 14,615 63,84 \$36,734	25,100 25,100 25,100 35,689 425,416 69,759 50,814	15,000	\$3,550 \$3,700 \$306 \$306 \$45,673 \$48,922 \$48,922	14 Sebo S650 84,949 1,185,805 \$197,188	\$68,176 \$54,004	\$5,322,601 \$3,180,899 \$9,502,500
	Sec. (2)	159,216 159,317 0 0 159,317 159,400	18,872 136,673 12,661 0 0 18,034 18,008 25,008 20,008 20,008	193 9,834 15,340 0 25,141 15,06	1,524 23,796 2,565 0 0 28,354 \$5,05 \$136	2 56 0 0 0 56 56 56 57 57 78 57	28.622 4.786 4.786 33.417 53.84 \$128.345	124 26,100 5121 24,597 39,389 70,462 70,462	0 0 15,048 15,048	7.1 \$3,656 \$3,675 \$3,48 \$2,012 \$06,767 \$3,769	14 Sector Sector \$2,282 1,116,728 \$174,665 1,116,728	\$65,335 \$64,579	\$5,846,730 \$1,979,941 \$7,826,571
	Aun-17 (n)	155,612 154,737 0 0 154,737 154,737	17,149 133,874 25,621 0 0 159,465 \$5,06	208 8.539 14,025 0 23,559 55.06 8119,128	1,380 25,476 1,726 0 27,212 \$5,06 \$137,563	2 69 0 0 85 7223	27,820 0 0 0 0 27,820 \$13,84 \$105,849	124 \$6.100 \$6.50 \$155 394.020 394.302 80.300 498.701	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	71 53,650 53,875 5365 40,9,164 213,257 622,421	14 8650 8650 82635 1,116,483 \$171,617 1,1116,483		\$5,891,811 \$1,952,678 \$7,844,488
	Jul-17 (6)	154,747 153,877 0 0 153,877 8792,158	17,024 134,404 23,928 0 158,337 35,15 86,15,084	22,480 22,480 53,515 85,515 815,728	1.520 24.549 1.416 0 25.965 \$5.15 \$133.667	2 16 0 16 16 18	41.347 7.742 25.006 25.006 83.006 \$188.004	26, 255 26, 525 26, 525 26, 525 57, 209 447, 104	10.434	71 \$3,550 \$3,676 \$138 381,534 164,238	14 S650 S850 \$850 \$7,028 1,136,013 \$174,707 1,138,013	\$45,327	\$5,777,045 \$2,049,742 \$7,826,787
	Jun-17 (n)	155,888 200,720 0 0 200,720 21,033,308	17,344 165,629 10,686 17,315 17,315 \$5,15	205 17,609 0 28,027 \$5,15	25.536 27.72 3.772 52.735 56.15 \$1.53	15 0 0 55 557	16,531 0 16,531 \$5,83	125 56,150 56,450 5100 34,887 356,789 91,645 515,027	0 78881 0 78881	71 \$3,650 \$3,725 \$332 \$27,596 \$421,776	14 \$650 \$775 \$4.258 879.128 \$139.261	\$56.397 \$76,679	58,062,379 \$2,208,856 \$8,361,235
	<sup>茶ay</sup> 17 细	159,720 408,055 0 0 408,055 408,055 52,033,259	17,819 225,116 31,069 0 256,176 54,58	212 14,723 20,400 0 35,123 \$4,98 \$175,013	1,576 43,888 3,101 0 45,889 45,889 45,889	4 AG 25 1887.	10 24,178 0 24,178 \$3,77 \$91,062	126 \$8,150 \$175 \$175 \$8,373 \$41,558 79,054 528,355	0 0 19,507 19,507	52,550 52,725 53,725 53,145 455,145 22,183 70,007,00	\$550 \$775 \$4,727 1,072,108 \$159,087	\$53,628 \$107,784	S6.695,533 S3.412,686 \$10,506,219
	Apr-17 (II	157,224 877,744 0 0 877,744 \$3,848,205	17,568 386,569 37,598 0 424,287 54,38 \$1,860,157	20,329 20,329 21,636 0 21,366 54,38 3183,381	1,503 12,647 12,642 0 61,999 54,38 54,38	1,436 0 1,436 1,436 84,547	6 17.346 0 17.346 17.346 13.17	126 186,150 186,500 18,160 10,790 10,790 16,649	0 17,485 17,485	53,550 \$3,725 \$3,44 \$2,63 \$24,880 \$67,123	\$850 \$775 \$775 \$8,223 1,085,086 \$159,786 1,065,086	\$49,919	\$7,693,586 \$6,311,309 \$13,994,895
	Mar-17 (k)	159,839 1,415,518 0 0 1,415,818 \$8,207,231	17,928 659,838 63,709 0 627,608 84,38 82,734,021	212 31,835 37,476 0 69,312 54,38 \$330,876	1,296 107,384 18,735 126,779 54,38 54,38 5555,823	3 1,506 0 0 1,506 84,771	24.184 9.377 39.561 53.17 \$106,339	125 56,150 56,500 37,200 519,504 140,157 140,157 1696,861	24,758 0 0 887,758	53,550 \$3,725 \$2,725 \$2,87 \$2,454 \$7,9340 762,734	5050 \$775 \$775 \$7,403 1,208.822 \$168.723		\$9,318,241 \$9,912,060 \$19,230,301
31 2019	Feb-17 ©	1,996,533 0 0 0 1,996,633 1,996,633	17.690 743.241 90.338 0 835,678 54.38	210 36,370 41,597 0 78,067 54,38 53,42,592	1,546 142,235 28,602 0 171,037 54,38 57,49,851	1.947 1.947 1.947 1.947 1.947	16 35,051 9,651 44,752 814,755	125 S6,150 S6,150 S337 37,440 438,167 114,508 E50,415	0 0 18.199 18.199	23,850 \$3,725 \$2,725 \$234 453,481 242,440 695,921	16 5850 5775 5775 11.37,688 5173,786 1.37,668	\$54,439 \$180,240	\$10,451,980 \$13,647,832 \$24,059,812
TEST YEAR ENDING MAR, 31 2019	Jan-17 (0)	158,882 1,911,817 0 0 1,911,817 7,909,697	17,874 597,483 117,608 0 605,032 \$4,14 \$3,331,228	222 43,047 71,576 0 11,4623 71,147 717,474,84	1,552 17,759 37,759 37,759 30 165,659 54,14 5685,446	2477 2477 2477 STEEZ	9 60,537 13,578 64,509 \$2,82 \$186,833	125 \$6,150 \$6,475 \$203 37,314 56,361 142,733	25.233	74 873,550 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873,570 873	14 S6200 S6200 S6,296 1,381,383 S209,035 1,381,383	\$68.133 \$181,122	\$10,497,312 \$12,594,803 \$23,082,115
TEST YEAR	Dec-18	157,850 1,517,193 0 0 1,517,193 \$5,277,690	17,536 591,621 60,745 0 662,784 84,14 \$4,14	156 34,045 36,372 0 71,917 54,14 5233,432	1,551 111,646 23,384 0 136,000 \$4,14	1,612 0 1,612 1,612 \$4,659	40,531 12,697 53,716 \$2,82 \$1,55,178	125 \$5,150 \$1,475 \$201 37,500 582,420 144,848	0 14213 14213	71 S3,550 S3,700 S410 500,663 774,088	5850 \$800 \$15,785 1,343,897 \$207,677	S87,101 \$103,771	\$9,519,267 \$9,359,587 \$19,507,853
	Nov-18 (s)	154,516 870,246 0 0 870,245 S3,600,817	17.202 410,419 7,887 9 418,286 54,14	204 15,108 15,219 0 30,377 \$4,14 \$1,25,482	1,556 76,400 8,799 0 86,139 \$4,14	502 0 502 502 502 1464	28.033 0 0 28.033 \$2.80 \$75.908	125 S6.150 S6.475 S74 36.689 489.287 94.196 620.447	16.271	77 \$3,550 \$3,700 \$446 475,384 254,731 730,185	14 Seeso Saco \$4,624 1,201,011 \$181,685	\$126,545 \$63,268	\$7,774,149 \$5,886,938 \$13,661,087 \$
	DG-16	153,225 329,032 0 0 329,032 81,346,858	16,778 159,657 59,029 0 27,9,687 \$4,03 \$8,03	189 8,985 13,486 0 28,480 \$4,09 \$116,581	1.554 38.722 4.348 41.100 41.100 \$169,240	2 51 0 0 51 51	7 14,615 0 14,815 52,89 \$42,128	124 \$8,100 \$8,400 \$5,639 \$25,416 \$91,759 530,814	0 15,000 15,000	23,550 83,700 83,700 8305 445,673 84,8923	14 \$850 \$4,999 1,185,835 \$137,188	\$58,178 \$51,015	56,312,906 52,669,124 58,882,030 \$
	Sep-16 (e)	152,910 155,010 0 0 155,010 155,010 8038,612	16.872 136.673 22.661 0 0 158.334 54.09 58.48,129	152 9.831 15.310 0 25.141 54.06 54.06	1,524 25,756 2,568 0 0 26,354 54,09 5107,377	88 2 38 23 ES 2 28 28 28 28 28 28 28 28 28 28 28 28 2	28.622 4,785 39.417 \$2.88 \$98,318	124 58,100 5121 31,567 391,388 70,462 70,462 496,428	15,048 0 0 15,048	71 \$2,870 \$2,875 \$2,875 \$206,737 \$306,737	14 8860 8060 \$2.282 1,115,728 8774,865 1,735,728		\$5,837,550 \$1,594,007 \$7,431,557
	Auc-16 (d)	155,312 154,439 0 0 154,439 154,439 8632,180	17,148 135,874 25,621 0 159,495 54,09 562,977	228 9.535 14.025 0 22.550 54.09 56.03	1,583 25,476 1,738 0 27,272 54,08 5111,389	2 59 69 69 5170	27,520 0 27,520 52.89 \$20,185	124 56,100 56,350 5155 34,302 324,302 80,380	0 16.523 16.523	#3,650 \$3,675 \$3,675 \$288 408,164 213,257 622,421	14 S850 S850 \$2,635 1,716,463 \$177.1617		\$5,881,172 \$1,572,239 \$7,464,411
	Jul-16 [d]	154.447 153.679 0 0 153.679 153.679 153.679	17,024 134,404 23,828 0 158,332 53,68 \$3,68	183 7,904 14,576 22,480 53,69 \$3,69	1,520 24,549 1,416 1,416 25,865 53,69 53,69 53,69 53,69	16 16 16 439	8 41.347 7,742 49,089 52.48 \$121.52:	124 S6,100 S6,325 34,038 355,835 57,208	0 10 434 10 434	71 \$3,650 \$1,804 184,238 561,72	14 \$690 \$690 \$2,009 1,136,013 \$174,707 1,136,013	\$45,327 \$49,450	\$5,761,179 \$1,450,046 \$7,211,226
	Rate	\$19.06 1.6340 0.5500 0,7400	48.74 1.5340 0.8300 0.7400	48,74 1,5340 0,9500 0,7400	49.74 1.5340 0.5900 0.7400	393.35 0.9050 0.6849	393.35 0.502.0 0.503.0	1,623 1,053 0,7831	1.1505 0.7125 0.5500	0,9031 0,6905	\$375.00 Various		5,0,0
			5-1)		(Rale G-1)	CIAL (G-2)	A. (6.2)		e	8	23		
	(a)	AL (Rais G-1) SCCO 15000 AL (Medinosan) per Med	ERCIAL (Rale 5000 15000 14. (Medmonth) per Med	TRIAL (Rate G. 5000 5000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000	C AUTH-CIPETY 6000 5000 KL (Mediroseth) Ser Me	7 avrzenuptible commercial (6-2) an transferior (6-2) an transferior (6-2) and Charles for Md.	IBLE INDUSTRA 20 5000 L. (Mafmonts) or Ma	TATION FT-4) TATION 31LLS Fee  1.302 - 1.5000 IL Modificate)	4 ECONOMIC DEV RATE (EDR) 5 Firm Tanaport 1-300 8 Firm Tanaport 201-15000 7 Firm Tanaport Over 15000 3 CLASS TOTAL (Mc/moun)	TRANSPORTATION IS:3 TRANSPORTATION BILLS Trans-damin Fee Fin Han Inexport Trassort 1-15000 Inexport Trassort 20/er 15000 CLASS TOTAL (Methouth)	SPECIAL CONTRACTS TRANSPORTATION BILLS Trans Active Fee ETA, Fee Parking Fee Parking Fee Transported Volumes Chappes for Transported Volumes CLASS TOTAL (Midlinging)	EMUE nes 1 Fees	SS PROFIT ENUE
	Class of Customers	1 RESUBBUTIAL (Rais G-1) 2 STRAK BILLS. 3 SAME 1-300 5 SAME 1-500 5 SAME OVER 1-5000 6 CLASS TOTAL (MEMOSTRI). 7 Gas Chartes per IAId 8 Gas Costs	30 FRAN COMMERCIAL (Pale G-1) FRAN BILLS (FRAN BILLS (	9 FIRM INDUS 00 FIRM SELS 11 Safes 301-11 2 Safes 301-11 3 Safes 201-11 4 CLASS TOTE 5 Gas Charque 7 Gas Charque 7	28 FRAN PUBLIC AUTH-CIPATY (Pale C+1) 29 FRAN BILLS 30 Sheer 1-500 30 Sheer 1-500 31 Sheer 2-500 31 Sheer 2-500 31 Sheer 2-500 32 Sheer 2-500 33 Sheer 2-500 34 Gas Chinte per NAZ 44 Gas Chinte per NAZ 54 Gas Chinte per NAZ	28 INTEGRUPTIB 28 INT BILLS 39 Saber; 1-15000 40 Saber; Over 15 41 CLASS TOTAL 42 Gas Charte pe 43 Gas Costs	45 INTERRUPTBLE INDUSTRIAL (G-Z) 47 Sezes 1-15000 48 Sezes 1-15000 49 CLASS 10.1AL, (MATINOIDE) 50 Gas Charge on Ma	SS TRANSPORTATION (1.1.4) 64 TRANSPORTATION (1.1.4) 65 Trans Admin Fee 65 Erk Fee 57 Perfect Fee 69 Fem Transport 1-300 69 Fem Transport 1-300 69 Fem Transport 1-300 60 Fem Transport	5 Firm Transpo 6 Firm Transpo 7 Firm Transpo 1 CLASS TOTA	D TRANSPORT T TRANSPORT T TRANSPORT T Trans Admin S EFM Fee Parking Fee Internal Treas Internal Treas	SO SPECIAL CONTRAC SO TRANSPORTATION BY Trans Admir Fee BY EHM Fee SO FINATION FOR BY Transported Volumes BY Charges for Transported Charges for Transported Feet	87 89 OTHER REVENUE 89 Service Changes 90 Late Payment Fees 91	2 TOTAL GRO 3 Gas Costs 4 TOTAL REVI
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<u>F</u>	332,268	"	16,778 159,657 9,002 0 0 178,667 24,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54,66 54 54,66 54 54,66 54 54 54 54 54 54 54 54 54 54 54 54 54	169 8,395 19,485 0 20,489 8,449 5132,625	1,554 36,752 4,348 0 41,300 \$4,66 \$1,800	51 51 53,88 51,72	14,615 0 14,615 53,38 549,402	26,100 56,100 56,400 36,559 36,559 42,539 69,749 69,749 69,749	0 0 15,000 15,000	71 \$3,550 \$3,700 \$3,673 445,673 694,597	14 See50 See20 \$4.989 1,185,805 \$187,183	\$63,062 \$63,062 \$6,348,508 \$2,969,236 \$9,287,744
Sep-21 (bm)		157,641 54.65 5733,624	16,872 135,673 22,681 0 0 168,334 \$7,573,318	193 9,831 15,310 25,141 54,66 \$17,073	1,524 2,588 2,588 0 18,334 \$1,66 \$1,27,22	2 56 0 0 56 53.88 \$7191	28.622 4,795 33,417 \$3.38 \$112,954	124 85.100 81.250 11.27 12.457 13.453 13.453 13.453 13.453 13.453 13.453 13.453 13.453	0 15,048 15,048	\$3,656 \$3,675 \$3,675 \$20,757 \$06,757	14 \$620 \$650 \$2,292 1,115,736 \$174,855 1115,736	\$56,385 \$58,634 \$5,870,535 \$1,820,683 \$7,694,413
Aug-21 (bl)	155,812 155,930 0 0		17,149 133,874 25,621 159,495 54,68 5742,724	208 9,536 14,025 0 22,569 \$4,66 \$108,710	1,583 25,478 1,736 27,212 54,69 \$126,717	2 56 0 68 53,38 \$2,00	27.820 0.027.820 0.028.72 0.028.820 0.028.820 0.028.820 0.028.820 0.028.820	124 56,100 56,350 81,550 384,302 80,380 468,701	0 0 16523 16523	\$3,550 \$3,675 \$3,675 \$263 \$18,164 \$13,257 \$22,421	14 Seeco Seco \$2,600 1,118,463 \$171,617 1,118,463	\$53,145 \$53,145 \$5,316,219 \$1,799,509 \$7,714,728
(年)	155,947 155,070 0	\$4.63 \$717,777	17,024 134,404 23,928 158,332 54,635 5732,870	14.576 14.576 22.450 54.68 \$1.66	1,520 24,549 1,416 0 27,546 84,63 \$120,183	10 0 10 10 10 10 10 10 10 10 10 10 10 10	41.347 77.742 49.069 85.36 \$1.64.552	124 86,100 85,235 35,835 35,835 1,239 1,239 1,239	0 10.434 10.434	77 \$3,856 \$2,876 \$138 \$134 184,238 \$66,172	\$650 \$650 \$2,029 1,136,013	\$46.327 \$57,553 \$5,800,151 \$1,839,480 \$7,639,631
Jun-27 (b)	155,089	202.256 \$4.63 \$338,177	17,344 16,626 10,636 0 177,315 \$4,63 \$4,63 \$4,63	205 10,418 17,609 0 28,007 \$4,603 \$1,007,739	1,536 26,023 3,772 0 28,795 54,63 51,5311	88 88 88 88	16,531 0 18,531 53,36 \$55,415	251 252 261 250 261 250 261 250 261 250 261 251 261 261 261 261 261 261 261 261 261 26	19834 19834	71 S3.560 S3.726 \$392 420.178 227.598 847.778	14 \$650 \$775 \$4.268 879.128 \$138.281 \$73.128	\$55,397 \$74,810 \$6,075,737 \$2,090,015 \$8,155,751
May 21	560,480 411,146	\$4,126 \$4,63 \$1,903,066	7,819 725,116 31,059 0 256,178 94,53 \$1,185,756	212 14,723 20,400 8,123 34,63 5162,672	1,578 43,888 3,101 46,590 54,63 5217,488	72 0 72 83.38 \$2.388	24.178 24.178 58.08 58.08	125 SR.150 SR.500 S175 38.373 411.958 78.054 78.054	0 0 19,507 19,507	53,550 53,725 53,725 53,725 53,745 53,145 53,145 54,145	14 8650 8775 84727 1,072,108 \$159,007	\$55,628 \$105,849 \$6,725,232 \$1,552,247 \$10,277,539
Apr-21	158,484 884,504 0	884.504 \$4.51 \$3.986.864	17,566 386,389 37,689 0 424,297 54,51	195 20,379 21,539 41,995 51,895 51,995 51,995	1,509 68,347 12,642 0 81,369 54,51 54,51	1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455 1,455	17.348 17.348 18.228 18.228 18.228	125 86.150 86.150 8.88 98.160 40.664 70.735	0 17,435 17,436	73,725 \$3,725 \$344 442,289 224,880 660,123	14 8650 8775 \$8,223 1,065,088 1,065,088	\$162,674 \$162,674 \$7,719,884 \$6,618,714 \$14,238,658
Mar-21 (5x)	161,039 1,428,544 0	1428.544 84.51 88.420.099	17,938 559,898 65,709 0 622,608 \$4,51 \$2,810,885	212 31,885 37,476 69,312 \$4,51 \$312,420	1,586 107,984 18,795 0 1726,779 \$4,61 \$4,61	3 1,506 1,506 \$3,23 \$4,865	24,184 2,377 22,561 53,23 \$106,432	125 \$6,150 \$6,500 \$350 37,200 519,504 140,157 695,867	24.758 24.758	53,556 53,725 828,725 483,454 278,340	14 Sebo S775 S7,400 1,208,822 \$183,723	\$74,521 \$197,443 \$9,361,877 \$10,238,139 \$18,600,016
Feb-21 (bf)	160,783 2,011,697 0	2011,697 \$4.51 \$9,057,640	743,241 90,338 9 833,579 \$4,51 \$3,767,324	210 36,370 41,697 0 78,067 \$4,51 \$55,884	1,546 142,235 28,802 171,037 \$4,61 \$770,342	3 1,947 1,947 \$3.29 \$6.291	26.051 26.051 44.732 53.23 \$144.524	125 55,150 98,475 5337 37,440 498,167 114,809 650,415	0 18,199 18,199	71 \$3,725 \$3,725 \$224 \$53,481 \$22,440 \$95,921	14 \$650 \$775 \$6312 1.137,668 \$172,785 1.137,668	\$54,439 \$192,235 \$10,510,160 \$14,038,605 \$24,608,765
Jan-21 (be)	1,926,199 0 0	1,926,199 \$4.57 \$3,800,465	17,874 687,483 117,608 0 805,092 54,57 53,678,322	222 43.047 71.576 0 114,623 84.57 \$4.57	127,758 127,758 37,501 0 160,859 \$4,57 \$755,865	2,477 0 2,477 \$3,29 \$8,154	9 50,531 13,578 64,108 \$3,28 \$2,28	125 \$5,150 \$8,776 \$7,314 580,381 142,733 784,003	28,286 25,283	23,256 83,700 \$223 485,071 301,128	14 \$550 \$600 \$6.228 1,361,383 \$200,005 1,361,383	\$58,133 \$160,800 \$10,542.231 \$13,578,590
Dec-20 (bd)	1,528,835 0 0	1,528,836 \$4.57 \$6,994,920	17,635 581,621 60,743 0 652,264 \$4,57 \$2,980,078	186 34,045 36,872 0 70,917 \$4,57 \$4,57	1,551 111,646 23,384 0 135,030 54,57 \$815,930	3 1,612 0 1,612 \$3.29 \$5.308	8 40,531 12,687 55,218 \$5,28 \$175,205	125 18,150 18,475 18,675 18,600 18,600 18,494 144,848 164,768	0 14.213 14.213	71 53,550 53,700 5410 500,653 774,058	\$650 \$650 \$15,795 1,343,897 \$207,677	\$87,101 \$109,818 \$9,566,843 \$11,086,506 \$20,652,348
Nov-20 (DC)	155,716 750,776 0	\$7,057 \$4.57 \$4,007,184	17,300 410,419 7,367 0 418,286 \$4,57 \$1,911,073	204 15.108 15.219 0 30.527 \$4.57	1,556 76,400 8,793 0 15,198 54,57 5388,256	502 502 502 502 81,653	26.083 0 2.08.083 58.083 58.083	1255 \$6,150 \$1,475 \$74 38,665 488,237 94,135 620,447	0 0 18.271 16.271	23,550 83,700 84,6 47,538 47,538 797	14 S850 S800 \$4.624 1.201,011 \$1.85.885 1.201,011	\$128,546 \$56,535 \$7,870,751 \$6,533,409 \$14,344,160
Ge-23	331,809 0 0	331,609 34,65 51,542,284	159,667 69,029 0 2718,697 \$4,65 \$1,017,091	2.995 19,486 19,486 2,8,480 54,55 \$132,458	28,752 4,348 0 41,100 54,65 519,151	51 61 83337 \$172	7 14,815 0 14,815 83,37 849,291	124 \$6.100 \$6.400 \$5.659 \$5.659 \$5.416 \$6.7416 \$6.7416	15,000 15,000	71 \$3,650 \$3,700 \$305 \$45,673 \$48,923	14 \$620 \$630 \$4,949 1,185,805 8187,168	\$52,976 \$52,976 \$5,341,693 \$2,502,417 \$9,274,110
Sep-20 [ba)	154,110 157,235 0	\$4.85 \$4.85 \$731.277	155,673 22,661 22,661 156,334 \$4,65 \$7,36,390	193 9,831 15,310 2,21,41 54,85 \$1,85 \$1,85	1,524 23,786 2,568 0 0 26,364 \$4,66 \$122,568	56 0 0 50.37 \$50.37	8 28,622 4,785 38,417 \$3.37 \$112,701	124 \$5,100 \$1,00 \$1,21 391,587 70,462 435,428	0 15,048 15,048	23,550 \$2,675 \$249 \$27,012 206,757 623,769	14 \$680 \$2280 \$1,115,728 \$174,885	\$55,395 \$55,548 \$5,854,263 \$1,620,002 \$7,654,314
Aug-20 (#2)	156,512 156,632 0	155,652 \$4,65 \$723,822	17,149 133,874 25,621 0 199,485 \$4,65 \$741,788	205 9.535 14,025 0 0 23,556 54,65 \$1,65	1,563 26,476 1,736 0 27,212 \$4,65 \$126,657	2 50 60 60 60 6189	27,820 27,820 27,820 83.37 \$33.825	124 \$8,100 \$1,55 34,020 384,302 80,330 498,701	16.523	71 \$3,550 \$3,675 \$263 409,164 215,257 622,421	5860 5860 52,635 1,116,483 \$171,617	\$57,173 \$53,082 \$5,908,980 \$1,795,783 \$7,704,743
Jul-20 (m)	155,647 154,772	154,772 \$4.63 \$775,589	17,024 13,404 23,928 0 199,332 54,63 8733,073	7,504 14,576 0 0 22,450 54,63 \$1,63	1,520 24,549 1,416 0 24,635 \$4,63	2 16 16 16 18 18 18 18 18 18 18 18 18 18 18 18 18	41,347 7,742 49,059 49,659 \$3,36 \$164,520	124 \$6,100 \$6,325 \$4,058 \$6,836 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,008 \$1,00	10.434 10.434	52,550 52,670 51,98 51,98 184,28 586,172	14 8850 8850 \$7,029 1,135,013 1,135,013	\$45,327 \$57,485 \$6,788,808 \$1,838,543 \$7,632,450
Jun-23 (ax)	157,789 201,872 0	201.872 \$4.63 \$934.660	17,344 16,629 10,686 17,7315 54,63 58,63 58,63	205 10,418 17,609 0 28,027 \$4,63 \$4,63 \$1,29,765	1,636 26,023 3,772 0 23,796 54,63 \$1,63	25 25 25 25 25 25 25 25 25 25 25 25 25 2	16,531 0 10,531 13,36 \$16,407	125 \$8,150 \$1,450 \$1,557 38,739 91,645 515,021	0 19.934 16.934	23.550 \$3.725 \$3.725 \$3.02 \$27.598 \$42.776	16 5650 5775 5775 5775 5775 5775 5739,261 873,128	\$55,397 \$74,725 \$5,008,346 \$2,078,792 \$5,148,138
Mer-20 (aw)	160,180 410,378 0	\$10.378 \$4,63 \$1,900,036	225,116 31,059 0 256,176 54,65 51,166,085	212 14.723 20.400 36.725 54.63 5162,618	1,576 43,888 3,101 0 46,989 54,655 5217,558	704 704 83.35 82.35	24.176 0 24.178 53.36 SB1.035	125 56.150 51.75 51.75 51.75 411.958 78.054 556.335	0 0 19,507 19,507	73 \$3,725 \$3,725 \$381 465,145 221,862 597,007	14 8650 8775 84,727 1,072,108	\$53,628 \$110,071 \$6,710,667 \$3,549,691 \$10,263,248
Acr-20 (av)	158.194 882.814 0	\$4,005.240	17,588 396,383 37,888 0 424,287 54,54	20,325 21,636 21,636 41,986 54,54 5190,389	1,509 60,347 12,842 0 81,599 54,54 5371,979	2 1,436 1,436 8328 84,676	8 17.346 0 17.346 53.28 \$5.28	125 SE(50 SE(50 SE(50 26,160 409,697 70,793 SE(6,849	0 17,436 17,436	52,550 53,725 53,44 42,283 224,880 667,123	14 Seto \$775 \$1,065,086 \$159,796	549,919 \$152,949 \$7,712,049 \$6,653,752 \$14,285,801
Mar-20 (au)	160,739 1,423,871 0	1,423,971 S4,54 S6,459,951	17,938 559,888 63,709 0 622,008 54,54 52,623,246	212 31,835 37,476 68,312 44,54 \$314,461	1,668 207,884 18,795 125,779 \$4,54 \$4,54	1,508 0 0 1,508 \$5,28 \$4,907	24,184 9,377 33,561 \$3,561 \$3,26 \$109,382	125 \$5,150 \$350 37,200 519,504 140,157 140,157	24.758	23,650 \$3,725 \$2,725 \$2,87 483,454 279,340	\$186 \$775 \$776 \$7,403 1,208,822 \$163,723	
Feb-20 (iii)	150,483 2,007,912 0	2,007,912 \$4,54 \$9,109,697	17.890 743,241 80,338 0 833,679 \$4,54 \$5,781,868	210 36,570 41,697 0 0 78,057 54,54 54,54 5354,163	1546 142,236 28,802 0 171,037 \$4,64 \$4,64	3 1,947 0 1,947 53.26 56,345	16 35.051 9.681 44.732 193.78 5145.764	125 S6,150 S537 37,440 468,167 114,808 650,415	18.199 18.199	\$5,550 \$3,726 \$2,726 \$234 \$43,481 242,440 696,921	14 S860 S776 S8312 1.137,558 5173,738	\$54,439 \$182,572 \$10,489,912 \$14,173,835 \$24,672,747
Jan-20 (ms)	159,782 1,922,541 0	1,922,541 84,59 \$8,832,106	17,874 687,483 117,608 0 805,082 84,59 \$3,684,501	222 43,047 71,576 0 114,825 84,59 86,59	1,552 17,758 37,901 0 165,699 84,89 \$780,258	2477 0 2477 \$3.31 \$8.200	50,531 13,678 13,678 13,311 \$712,282	125 \$6,475 \$203 \$7,314 583,951 142,733	25.293 25.293	71 \$3,000 \$223 \$96,071 301,139 788,210	14 S850 \$800 \$6,226 1,361,393	\$56,133 \$161,012 \$10,631,714 \$14,024,665 \$24,665,780
Dec-13 (ar)	158,790 1,525,921	1,525,921 54,59 \$7,002,697	17,535 591,521 60,743 0 602,264 \$4,53 \$2,993,429	24.045 24.045 36.872 0 0 70.917 54.55 54.55	1,551 11,648 25,384 0 1,55,030 54,59 5619,634	1,612 0 1,612 5331 55,336	40,531 12,887 55,218 55,218 55,31 \$1,76,203	126 \$6,476 \$6,476 \$801 37,500 562,520 144,848 764,768	14.213	27.000 27.000 27.000 27.000 77.175	14 \$650 \$820 \$15,785 1,345,897 \$207,677	\$87,101 \$109,724 \$8,655,781 \$11,123,017 \$20,678,779
Nov-19 (eq.)	156.419 876.352 0	\$4.58 \$4.58 \$4.017.281	17,200 410,419 7,867 0 41,8,286 \$4,59 \$1,919,635	202 16,108 15,219 0 30,327 \$4,59 \$1,59 \$1,59	76,400 76,400 9,788 0 0 85,138 54,58	3 502 0 503 183.1 \$1,663	28,033 0 28,033 \$53,11 \$68,194	125 \$5,150 \$1,475 \$1,48 \$4,195 \$1,195	0 16,271 18,271	71 \$3,550 \$3,700 \$446 476,394 254,731 730,155	\$880 \$880 \$4.624 1,201,011 \$1,85,685	\$126,545 \$86,562 \$7,802,444 \$6,654,990 \$14,337,400
(mg)	154,125 330,965 0	330,965 84,67 \$1,546,387	16,778 159,657 59,029 218,687 \$4,67 \$1,021,785	189 8,895 19,436 28,480 \$4,67 \$130,070	1,654 36,752 4,348 0 41,100 \$4,67 \$1,67	51 51 53.33 51.73	14,615 0 14,615 13.30 \$3.30 \$49,520	124 \$56,100 \$5,609 \$25,609 \$25,416 \$30,759	15,000	\$3,550 \$3,700 \$306 \$45,673 248,823 694,597	2860 2860 2860 54,999 1,285,805 81,918	\$88,176 \$52,974 \$5,334,984 \$2,943,030 \$9,278,014
Sep-19 (ac)	153,810 158,929 0	156,829 54,67 \$738,229	18.572 195.673 22.661 0 168.334 54.67 57.28.735	193 9,801 15,310 0 25,141 84,67 \$117,488	1,524 25,786 2,598 0 26,334 54,67 5123,135	2 8 0 8 2 5 8 8 2	28,622 4,735 33,417 53,33 \$113,361	124 56,100 56,350 \$1,21 34,387 70,462 456,428	0 15,048 15,048	71 83,656 83,676 83-49 427,012 208,757 633,769	14 Secto \$2.26.2 1.1/16.728 \$174.865 1.1/16.728	\$52,547 \$52,547 \$1,825,073 \$1,827,178 \$7,655,251
Aug-19 (an)	166,212 165,334 0	155.334 \$4.61 \$725.775	17,149 130,874 26,621 169,486 \$4,67 \$745,219	208 9,535 14,025 0 23,559 \$4.67 \$110,078	1,553 25,476 1,736 0 27,212 84,67 \$127,142	2 2 56 56 57 57 57 57 57 57 57 57 57 57 57 57 57	27,820 0 27,820 \$3.88 \$4,375	124 \$5,100 \$5,350 \$155 34,020 384,302 80,302 498,701	0 18.623 16.523	71 \$3,650 \$3,675 \$255 \$00,164 213,257 622,421	14 \$650 \$650 \$2,635 1,118,463 \$171,817	\$57,173 \$53,182 \$5,802,805 \$1,802,790 \$7,705,695
JoE19 (am)	155,347 154,474	\$54,474 \$4.68 \$723,815	17,024 134,404 23,828 0 0 108,332 \$4,69 \$741,896	183 7,504 14,576 0 22,450 54,69 \$105,333	1,520 24,549 1,416 0 25,596 54,69 \$121,884	16 0 0 16 53.4 53.4	9 41,347 7,742 48,069 53,41 \$167,180	124 \$6,325 \$6,325 34,038 365,838 57,208	10,434	77 \$3,550 \$7,675 \$1,834 381,834 186,228 566,172	14 Seco Seco S2029 1,136,013 5174,707	\$45,327 \$57,816 \$57,816 \$1,859,942 \$7,647,805
Jun-19 (a)	157.489 201.488 0	201 488 84.68 8944.110	17,344 166,629 10,685 0 177,315 84,55 \$830,843	205 10,418 17,509 0 28,027 \$4.69 \$131,327	1,536 28,023 3,772 0 29,786 \$4,89 \$139,609	35 35 550 550	16,531 0 16,531 15,541 \$56,300	126 56,450 51,00 34,087 389,789 91,645 515,027	0 18.934 19.534	23,550 63,725 53,725 420,178 227,598 647,778	\$050 \$775 \$4,298 879,128 \$138,261 \$138,261	\$56,397 \$74,965 \$9,063,239 \$2,102,238 \$9,165,537
May-19 (BK)	159.880 409.609 0	409.503 54.69 51.819.301	225,116 31,059 0 256,176 54,69 51,00,380	212 14,723 20,400 0 38,123 \$4,69 \$184,575	1,576 43,888 3,101 0 48,389 \$4,69 \$7,69	4 5 0 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	24.178 0 0 0 53.178 53.41	125 \$5,150 \$176 35,373 411,858 79,054 528,336	0 0 19.507	7; \$5,726 \$3,726 \$381 455,145 231,862	250 2850 2775 84,727 1,072,108 8165,087 1,072,103	\$53,628 \$111,000 \$17,258 \$3,589,150 \$10,301,738
Apr-19 (al)	157,894 891,124 0	897.124 \$4.62 \$4.073,946	17,568 38,388 37,888 0 424,287 84,622 51,961,722	20,238 21,538 21,638 4,936 31,638 31,638	1.509 69.347 12.642 0 81.569 54.62 53.750	1,436 1,436 83,34 84,786	8 17,346 0 17,346 \$3,34 \$3,74	125 56,150 56,800 58,800 36,180 40,897 70,793	0 17.435 17.435	\$3,550 \$3,755 \$3,755 \$3,755 \$24,350 80,125	14 Seao S775 S8 273 1,065,088 5,189,799 1,095,089	\$49,819 \$154,428 \$7,705,217 \$15,67,1573
Mar-19 (al)		1,421,131 54,62 \$5,570,943	17,508 559,836 63,709 0 627,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,603 54,60	212 31,835 37,476 0 693,312 34,62 320,459	1,686 107,394 18,795 0 126,779 54,62 SSB6,171	3 1,505 1,508 81,34 81,34 85,008	70 24.184 9.377 33.561 81.34 81.213	125 \$6,150 \$6,500 \$356 37,200 519,504 140,157 686,861	24.758	52.725 52.725 52.725 52.725 782.735	14 \$850 \$775 \$7.403 \$7.403 \$1.208.822	\$74,821 \$200,044 \$9,244,814 \$10,478,128 \$19,822,942
Fab-19		2004 125 S4-62 S9.286.234	17,890 743,241 90,338 80,338 84.82 83,854,120	210 38,370 41,697 78,067 54,62 380,949	1,546 142,235 28,802 0 171,037 54,62 5790,603	748.1 0 748.1 748.1 758.1	18 35,051 44,732 44,732 45,34 5140,58	125 \$6,150 \$6,475 \$337 37,440 486,167 114,808 850,415	0 18,199 18,199	71 53,550 52,725 5234 453,487 242,440 686,922	14 \$650 \$775 \$6312 \$173,558 \$173,785	\$54,438 \$195,126 \$10,480,641 \$ \$14,428,181 \$1 \$24,918,122 \$1
(ad)	159,482	1,918,900 \$4.70 \$9,015,641	17,874 BBT,483 117,626 DBBC,092 \$4,70 \$3,782,561 \$	222 43.047 71,576 0 114,623 54,70 598,533	1,562 127,768 37,901 0 166,659 \$4,70 \$778,312	2477 2477 \$5.45 \$5.45	9 50,531 13,579 64,109 53,42 52,9138	125 \$6,150 \$5,475 \$203 \$7,314 \$183,561 142,723 764,006	25.23	77 \$3,550 \$3,700 \$233 495,071 301,139 796,210	14 \$60 \$900 \$8.226 1,381.333 \$205.035 \$1,381,385	\$58,133 \$168,045 \$10,521,842 \$1 \$14,342,542 \$1 \$22,834,383 \$2
		"	11 **	11	11	ł I	11	11	i l	11		ጸፈዳ

\$14,375,4	\$128,545 \$66,653 \$7,619,203 \$6,656,289	14 \$650 \$400 \$4,054 1,201,011 \$185,685	77 187, 28 187, 28 18 187, 28 18, 28	16.271 16.271	125 \$6,150 \$9,475 \$71 39,965 489,287 94,195 620,447	26,003 26,003 58,000 \$88,003	3 902 902 503 503 5108	1,555 76,400 8,736 0 25,198 54,59 \$350,145	204 15.108 15.279 0.327 34.56 \$1.38,673	17.200 410,413 7,981 0 418.285 54.59 \$1,915.438	156,016 878,772 0 0 878,772 84,88 \$4,824,126	No+21 (bo)
	45 \$87,101 53 \$109,888 53 \$109,888 63 \$4,576,280 64 \$11,126,359	14 14 14 1650 8650 8000 8000 8000 8000 8000 8000 8	71 71 50 \$3,550 00 \$3,700 46 \$410 64 500,663 81 274,088	0 0 0 14,213 71 14,213	25 125 55 \$6,150 75 \$6,455 74 \$801 75 \$37,500 85 \$37,500 95 144,843 95 144,843	8 40.531 0 12.697 33 53.218 30 \$3.218 20 \$175.653	3 1,512 02 1,512 0 0 1,512 0 1,512 0 33,30 59 \$5,325	58 1,551 00 111,046 08 23,384 0 0 0 98 185,000 59 54,538 45 \$818,339	04 196 08 34,045 09 36,672 19 36,672 19 70,917 18 54,746	00 17.595 119 591.521 187 50.743 0 0 0 0 0 0 0 0 0 59 54.53 38 \$2.986.885	116 159,360 72 1,591,734 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 12 1,591,754 18,156 26 \$7,014,210	Dec/21 (bp)
	9 5161,224 16 \$161,224 10 \$10,553,960 18 \$14,027,476	14 \$850 10 \$850 10 \$100 10 \$4,226 17 1,361,393 17 \$200,035 17 \$200,035	71 71 00 \$3,550 00 \$3,700 00 \$223 00 \$223 00 \$265,071 18 301,139 2 755,210	3 26.263	55 125 50 \$5,150 15 \$5,475 17 \$203 10 37,314 10 593,951 142,733 8 764,008	8 50,531 97 13,578 18 64,199 10 53,300 33 5211,840	3 2,477 0 0 0 0 83,30 88,184	11 1.552 127.753 14 37.501 0 15.659 14.58 14.58	85 43,047 85 43,047 87 71,578 9 10 17 114,622 8 \$4,53 8 \$524,860	17,874 71 687,433 71 177,008 70 0 70 0 71 805,092 74,58	00 160,382 34 1,923,841 0 0 0 0 0 0 34 1,929,841 58 \$4,58	Jan-22 (bud)
	3 \$54,430 4 \$192,813 0 \$10,622,203 5 \$14,137,328	4 14 4 \$460 0 \$460 0 \$775 6 \$6,312 6 \$1,137,568 5 \$172,765 3 1,137,558	1 71 0 \$3,550 0 \$3,755 0 \$3,755 1 \$224 1 \$3,461 9 242,440 0 695,921	0 0 0 0 16,189	5 125 0 SE150 5 SE475 6 SE475 1 337,440 1 498,187 3 114,808 8 650,415	9 16 1 35,051 8 9,691 9 44,732 0 \$3,24	3 1.947 7 1.947 0 0 0 7 1.947 5 53.24	2 1.546 3 142,735 4 28,802 0 0 0 0 171,037 8 \$4,51	2 2:0 7 36,370 7 41,697 6 41,697 6 78,067 8 \$4,51	74 17,880 33 743,241 90 338 0 90,388 0 90,579 82 833,579 84,51 84 83,763,043	12 161.083 11 2015.483 10 0 0 0 1 2015.483 8 \$4.51	Feb-72
	574,821 5 \$197,882 5 \$9,972,160 6 \$10,265,994	4 14 0 \$660 6 \$775 2 \$7,403 2 \$7,208,622 5 \$183,723 8 1,208,622	71 0 \$3,550 6 \$3,725 4 \$287 4 482,454 0 279,340 1 762,794	24,759	5 \$6,150 5 \$6,150 6 \$6,500 7 \$3,500 7 \$19,504 8 140,157 6 696,381	10 1 24,184 1 9,377 2 33,561 2 33,561 4 13,24 8 \$108,720	1 1.556 1 1.556 1 1.506 1 1.506 1 53.24	6 1,566 5 107,984 5 18,795 0 10,795 7 126,776 5 \$4,51 6 \$572,319	0 212 0 31,835 7 37,476 0 0 7 68,312 1 54,51 1 54,51	0 17,938 6 55,988 8 63,709 0 6 0,0 9 623,509 4 \$2,815,164	3 181,339 3 1,428,234 0 0 0 0 0 0 6 1,429,234 1 \$4,51	Mar-22 (bs)
	\$49,919 \$152,909 \$7,729,623 \$6,538,335	14 \$450 \$775 8 \$1,025,088 8 \$155,796 9 \$155,796	71 83,550 83,726 83,726 82,226 667,123	77.435 17.435	5 56,150 58,500 58,500 58,500 58,500 70,783 518,649	17,346 1 17,346 1 17,346 1 53,24	1,435 1,435 1,435 2,436 2,436	1,509 1 69,347 12,642 5 12,642 5 12,643 54,51	20,329 5 21,636 5 21,636 5 0 0 6 41,965 5 \$189,441	3 17.568 3 399,389 3 37,889 3 37,889 5 424,287 5 4,51 4 \$1,915,365	153,794 886,194 0 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 0 0 0 0	Age 222
	\$53,628 \$110,076 \$6,732,390 \$3,578,444	14 \$650 \$775 \$4,727 1,072,102 \$159,087	71 \$3,550 \$3,726 \$381 \$381,45 \$21,882 \$87,007	19.507 19.507	125 S6,150 S6,500 \$1,75 36,373 36,373 411,933 411,933 79,054 526,385	24.178 0 24.178 0 24.178 93.38 99.789	704 704 704 53.38 52.381	1,576 43,889 3,101 0 0 46,389 \$4,66 \$218,880	212 14,723 20,400 0 0 35,123 54,59 \$163,591	17,519 27,5116 31,026 31,027 31,027 34,673 51,193,183	160,780 411,931 0 0 0 11,931 54,66 \$1,918,641	May-22 (but)
	\$25,397 \$75,088 \$6,082,322 \$2,084,982	14 \$850 \$775 \$4,266 879,128 \$136,281 \$39,128	71 \$3,550 \$3,725 \$362 \$362 \$20,178 \$27,588	19,934 19,934	125 \$4,150 \$4,450 \$1,00 34,587 386,789 97,645 \$15,021	16,531 0 16,531 16,531 \$3,38 \$55,922	\$3.38 \$5.38 \$4.58	1,536 28,023 3,772 0 29,765 \$4,66 \$138,775	205 10,418 17,609 0 28,027 \$4,65 \$130,542	17,344 166,629 10,689 0 0 177,315 \$4,66 \$826,875	158,389 202,639 0 0 702,639 \$4,68 \$943,829	Jun-22 (bv)
	\$45,327 \$57,734 \$5,806,504 \$1,852,869	14 \$850 \$950 \$2,029 1,139,013 \$174,707 1,135,013	71 \$3,550 \$3,675 \$133 381,934 184,233 566,172	10.494 10.494	124 \$5,100 \$5,225 \$5,325 34,058 355,836 67,209 447,102	41,347 7,742 49,089 \$3,38 \$165,060	16 S3.38 S53	1,500 24,549 1,416 0 0 0 25,965 \$4.66 \$120,996	183 7,994 14,576 0 72,490 \$4,66 \$104,700	17,024 134,404 23,928 23,928 159,332 \$4,66 \$737,460	155,247 155,368 0 0 155,369 54,86 \$723,856	(wd) 22-1-1-1
\$7,726,122	\$57,173 \$53,300 \$5,921,550 \$1,814,576	1,4 9630 9630 92,635 1,116,463 9171,617	71 \$3,650 \$3,675 \$263 409,164 273,257 822,421	16,523	12.4 \$6.100 \$6.350 \$1.55 34.020 364.302 364.302 80.380	27,320 0 27,320 27,320 \$3,42 \$95,045	55 05 0 55 45 55 0 55 45 55 0	1,593 25,476 1,736 1,736 0 0 27,212 \$4,59 \$1,27,657	208 9,535 14,025 0 23,669 24,66 \$1,10,524	17.148 133,874 25,021 0 159,495 54,69 5749,236	157,112 156,228 0 0 156,229 34,69 57,52,912	Aug-22 (bu)
\$7,715.126	\$55,365 \$53,806 \$6,876,896 \$1,839,230	14 \$050 \$650 \$1,282 1,115,726 \$174,855 1,115,726	71 \$3,550 \$3,875 \$349 427,012 205,757 \$33,769	15,048 15,048	124 88,100 88,200 8121 34,3997 391,3997 391,492 70,492	347 33.47 83.42 814,167	S 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1.524 22,786 2.528 0 0 26.354 84.69 5123.633	183 9,831 15,310 0 25,141 84,89 \$117,942	18,872 135,673 22,681 0 0 158,334 54,69 5742,790	154,710 157,847 0 0 157,847 54,69 \$740,505	Sep. 22
33.318.653 33.318.653	\$88,176 \$53,235 \$6,355,367 \$2,364,236	14 \$650 \$650 \$4,989 1,185,805 \$1,199 1,186,805	71 83,700 83,700 445,673 248,973	15.000 15.000	12,4 \$8,100 \$8,400 \$68 36,639 425,416 69,759 530,814	7 14,815 14,815 14,815 13,42 13,42 149,932	51 51 51 51 51 51 51 51	1,554 36,752 4,348 0 41,100 41,100 \$4,89 \$1,82,813	189 8,995 19,486 0 28,480 \$4,69 \$133,609	18,778 159,657 59,029 0 278,637 \$4,69 \$1,025,921	155,025 332,913 0 0 0 332,913 \$4,69 \$1,561,786	00-12 (bg)
	\$126,545 \$66,922 \$7,827,806 \$6,738,672	14 8650 8800 \$4,624 1,201,011 \$185,685	53,050 \$3,700 \$475,354 \$475,354 730,155	0 0 16271 16271	125 \$6,150 \$6,475 \$74 36,985 489,287 94,198 94,198	26.033 0 0 26.033 81.34 \$86.621	3 502 0 502 83,34 81,575	1.558 76,400 8.798 95,798 94,70 94,00,614	204 15,108 15,219 0 0 30,327 \$4,70 \$142,600	17,200 410,419 7,867 0 418,286 \$4,70 \$1,986,836	156,316 850,478 0 0 0 0 350,478 54,70	Not-22
	\$87,101 \$111,545 \$9,588,126 \$11,434,416	14 \$850 \$800 \$15,795 1,343,897 \$207,677 1,343,897	71 \$3,550 \$3,700 \$410 500,653 274,088 774,752	14.213 14.213	125 \$6,475 \$6,475 \$37,500 \$82,420 144,848 764,788	8 40,531 12,697 53,218 53,218 53,77,485	1,612 0 1,612 1,612 83,34 85,375	1.551 111.646 23.384 0 0 135.090 \$4.70 \$624.931	198 34,045 36,872 0 70,917 84,70 \$333,460	17,535 591,521 60,743 0 0,652,264 \$4,70 \$3,067,033	159,650 1,534,649 0 0 1,534,649 1,734,649 \$7,216,131	Dec-22
	\$58,133 \$163,972 \$10,558,013 \$14,417,143	\$650 \$650 \$600 \$6,226 1,361,393 \$209,035 1,361,393	71 \$3,550 \$3,700 \$233 465,071 301,139 796,210	26,736 26,736 26,736	125 \$6,150 \$6,475 \$203 \$7,314 \$50,961 \$42,733 764,000	50,531 13,578 64,109 \$3,34 \$213,807	2,477 0 2,477 \$3,34 \$9,260	1.862 127.758 37.901 0 165.659 \$4.70 \$778.949	222 43,047 71,576 0 114,623 54,70 \$538,974	17,874 887,483 117,698 0 88,70 \$4,70	160,682 1,933,483 0 0 1,933,483 14,70 \$9,091,501	Jan-23
	\$54,439 \$196,238 \$10,537,179 \$14,527,774	14 980 9716 9716 96312 1107,559 1107,559	23,550 53,725 53,725 5254 453,481 742,440 695,521	18,156 18,156	125 58,475 58,475 83,776 8337 37,440 498,167 114,808 650,415	16 35,051 9,681 44,732 \$3,27 \$146,146	1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547 1,547	1,546 142,225 28,802 0 171,037 \$4,63 \$792,627	210 36,370 41,697 0 78,067 \$4,63 \$361,782	17,850 743,241 90,338 0 0 833,576 \$4,63 \$3,653,006	161,383 2,019,285 0 0 0 2,019,285 \$4,63 \$9,357,850	(cd)
	\$74,821 \$201,355 \$9,385,487 \$10,549,124	14 5850 5775 57,403 1,206,822 5183,723 1,208,822	71 53,550 53,725 52,87 483,454 279,340 762,794	24,768 24,768	125 \$6,150 \$8,500 \$3,500 \$7,200 573,504 \$140,157 686,661	24,184 9,377 33,581 \$3,27 \$1,05,650	1,50s 0 1,50s 1,50s \$3,27 \$4,920	1,566 107,684 18,756 0 129,779 \$4,63 \$597,522	212 31,835 37,476 0 69,312 64,63 5321,207	17,938 559,898 63,709 0 623,608 \$4,63 \$2,889,947	161,639 1,431,924 0 0 1,431,524 1,431,524 84,63 \$6,635,878	Mar-23 (ca)
	\$49,919 \$165,428 \$7,739,459 \$8,716,705	14 \$650 \$775 \$8,223 1,065,068 \$159,756 1,065,068	53,550 \$3,725 \$3,725 \$344 442,263 224,860 867,123	0 0 17,435 17,435	128 \$6,150 \$6,500 \$89 36,160 406,697 70,793	17.346 0 17.346 17.346 83.27 86.672	1,435 0 1,435 53.27 \$4,659	1,508 69,347 12,842 9 81,999 84,63 \$3,63	195 20,329 21,636 0 41,965 94,83	17,568 385,388 37,888 0 424,287 \$4,63 \$1,965,246	159.094 897.884 0 0 897.884 94.63 \$4.63	(E) (E) (E)
	\$53,528 \$711,705 \$6,740,907 \$3,590,844	14 8650 8775 84,727 1,072,108 \$1,550,087 1,072,108	71 S3,559 S3,728 \$381 455,146 271,852	19.507 19.507	125 81,150 81,500 \$1,75 31,373 411,933 411,933 78,054	24,178 24,178 0 24,178 53,42 882,710	704 0 0 704 \$3.42 \$2.408	1,576 43,888 8,101 0 46,989 \$4,79 \$224,984	212 14,723 20,400 0 36,123 \$4,79 \$169,166	17,819 225,116 31,059 0 256,176 54,79 \$1,226,559	161,050 412,659 0 0 412,659 \$4,79 \$1,975,005	May-25
S6,244,CB5	\$56,397 \$76,012 \$6,089,552 \$2,154,512	14 \$650 \$775 \$4,259 \$79,128 \$139,261 \$79,128	71 \$3,680 \$3,725 \$362 \$362 \$27,598 \$47,776	19.934 19.934	125 \$5,150 \$1,450 \$100 34,587 34,587 385,789 91,645	16,531 16,531 18,42 \$3,42	53.42 850 850	1,536 26,003 3,772 3,775 0 29,795 \$4,79 \$1,42,658	205 10,418 17,609 0 28,007 \$4,79 \$134,134	17,344 166,629 10,686 0 0 177,315 \$4,79 \$848,684	158,589 203,023 0 0 0 203,023 54,79 5972,075	Jun-23 (ch)

Customer Pre	emise Comment	Service	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jen-17	Feb-17	Mar-17	_Apr-17	May-17	Jun-17
Customer 1 89	9521 Increase T-3 Bill	and an extension of the control of t				er til se med til here.	erosa de la cer	Table State Control						
	T-3 0-15000 Mof/ T-3 > 15000 Mof/		673	5	1,143	1,825	2,037	2,091	2,353	2,139	2,074	1,843	1,887	1,625
Customer 2	9527 Increase T-4 Bill	Load T4										100 Novideo III		
	T-4 0-300 Mct/mc T-4 301-15000 M T-4 > 15000 Mct/	lcf/mo	230	250	250	244	242	249	316	. 279	241	205	207	190
Customer 3 92	2841 Increase T-4 Bill											Secondos		. Parada da
	T-4 0-300 Mcf/m T-4 301-15000 M T-4 > 15000 Mcf/	lcf/me	<b>4,81</b> 5	5,003 366	5 <b>,083</b> -	4,674	4,863	4,793	4,928 1,320	5,680 266	4,715 1,037	5,205	4,789	3,272
Customer 4 10	94739 Increase T-4 Bill	Lond T4								50 15				
	T-4 0-300 Mof/m T-4 301-15000 M T-4 > 15000 Mof/	lcf/ma	1,388	1,291	1,089	1,601	1,982	2,229	2,699	1,980	1,568	1,237	1,034	817
Customer 5 10	94745 Increase T-4 Bill T-4 0-300 Mc//m	***************************************					(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)		HIGH GOS COST	1901/1251		NA POSTOR DE S		001000100001010 
	T-4 301-15000 M T-4 > 15000 McF	lef/mo	110	109	102	104	116	145	210	162	106	89	91	98
Customer 6 10	T-4 Bill	HAROW HARAMAN HARAMAN STREET STREET STREET	an and a state of	554 045 055 10					A SA	ener etem teto		nordo Stal		harasi akee ahaa ee a
	T-4 0-300 Mof/m T-4 301-15000 M T-4 > 15000 Mcfi	lof/mo	101	195	191	202	236	162	298	278	218	183	205	198
Customer 7 12	25929 Increase T-4 Bill			220 (8)							15 (52, 524)			
	T-4 0-300 Mcfm T-4 301-15000 M T-4 > 15000 Mcfi	lcf/mo	257 2,106	53 2,374	2,360	2,477	2,387	2,489	3,510	2,912	2,551	2.312	1,139 1,333	1,922 369
Customer 8 14	T-4 Bill	Carrier Carrier and Marie Marie Control of Control												
	T-4 0-300 Mef/m T-4 301-15000 M T-4 > 15000 Mef/	lct/me	(3,407)	(3,312) (176)	(3,021) (560)	(2,481) (2,224)	(4,689)	(5,368)	(9,524)	(9,493)	(6,117)	(4,750)	(4,287)	(3,012)
Customer 9 16	T-3 Bill	Name and Associated Control of the C		tion observations		erenis Liberació		ANDERSON				ografija kataloga ja		100000000000000000000000000000000000000
	T-3 0-15000 Mof		728	736	729	786	824	788	809	928	880	811	724	719
Customer 10	/0399 Increase T-4 Bill	Load 74							200 (100 (100 (100 (100 (100 (100 (100 (					
	T-4 0-300 Mcf/m T-4 301-15000 M T-4 > 15000 Mcf	tef/mo	521	382	501	31 498	114 399	721	815	18 890	780	50 442	107 519	68 386
Customer 11	T-4 Bill													
	T-4 0-300 Mol/m T-4 301-15000 N T-4 > 15080 Mol	fcf/mo	1,150	965	1,092	1,218	1,332	965	1,446	1,515	1,141	648	1,244	1,114
Customer 12 22	T-3 Bill													100013
	T-3 0-15000 Mof T-3 > 15000 Mof		336	469	477	572	428	327	642	609	610	546	498	296
Customer 13 23	T-3 Bill	and of the second secon							1000100010000					0.000
	T-3 0-15000 Mcf T-3 > 15000 Mcf		15,000 25,000	15,000 25,000	15,000 25,000	15,000 25,000	5,170 25,000	4,664 25,000	15,000 25,000	14,918 25,000	15,000 25,000	15,000 25,000	14,991 25,000	
Customer 15	70394 Plant Cl T-3 Bill T-3 0-15000 Mcf T-3 > 15000 Mcf	īmo								m	(1)	(1)	(1)	(1)
	arious New Rate /:)	New Load Special Contra	•							901474				
Customer 25 V	Sp K Bill Sp K Volumes	vew Load Special Contra	ct (1) (21,056)	(1) (20,446)	(1) (21,608)	(1) (25,561)	(1) 7,752	(1) 7,648	(1) 8,573	8,252	- 8,393	- 8,073	- 8,338	- 7,341
Above	Sp K Rate Sp K Distr. Char		62,169	59,645	63,289	69,456	35,854	50,564	45,474	33,924	32,355	16,291	9,377	5,902
Customer 26 17	7358A Plant Cl T-4 Bill T-4 0-300 Mof/m T-4 301-15000 Mof T-4 > 15000 Mof	o Aof/mo	(1) (300) (1,494)	(1) (300) (2,120)	(1) (300) (1,905)	(1) (300) (2,380)	(1) (300) (3,782)	(1) (300) (7,623)	(1) (300) (5,326)	(1) (300) (2,005)	(1) (300) (2,569)	(1) (300) (844)	(1) (297) -	(1) (1) -
Customer 27 40-														

	32 Toda Manno							(= 1,455)	(==;- (=)	(,,	(, 1,	(, -, ,,	
Customer 28   80001-1386	0 Moved to G-1 T3 T-3 Bill T-3 0-15000 Mof/mo T-3 > 15000 Mof/mo	(1) -	(1) -	(1) (2)	(1)	(1) (89)	(1) (654)	(1) (403)	(1) (326)	(1) (376)	- (1)	(1)	(1) -
Customer 28   800011386	0 Moved from T3 O1 G-1 Bill G-1 0-300 Mct/ma G-1 301-15000 Mct/mo G-1 > 15000 Mct/mo	1 -	1	i 2	1 -	1 89	1 654	1 403	1 326	1 376	1	1 -	1 -
Customer 29 400294744	T-4 日間 T-4 0-300 Mol/mo T-4 301-15000 Mol/mo T-4 > 15000 Mol/mo	(1) (145)	(1) (150)	(1) (127)	(1) (154)	(1) (300) (162)	(1) (300) (232)	(1) (300) (98)	(1) (211)	(1) (218)	(1) (58)	(1) (63)	(1) (70)
Customer 30 \(\frac{40026474}{20026474}\)	G-1 Bill G-1 0-300 Melimo G-1 301-15000 Melimo G-1 > 15000 Melimo	1 145	1 150	1 127	1 154	1 300 162	1 300 232	1 300 98	1 211	1 218	1 58	1 63	1 70
Customer 31 800013845	G-1 Bill G-1 0-300 Mct/mo G-1 301-15000 Mct/mo G-1 > 15000 Mct/mo	(1) (300) (361)	(1) (300) (42)	(1) (300) (1,267)	(1) (300) (1,542)	(1) (300) (2,767)	(1) (300) (4,630)	(1) (300) (5,222)	(1) (300) (5,329)	(1) (300) (3,814)	(1) (300) (4,193)	(1) (300) (4,268)	
Customer 31 \$800013845	8 Moved from G1 T4: T-4 Bill T-4 0-300 Mcf/mo T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo	1 300 662	1 300 198	1 300 1,981	1 300 2,381	1 300 4,165	1 300 6,876	1 300 7,738	1 300 7,894	1 300 5,689	1 300 6,240	1 300 6,350	- 2,043
Customer 32	New Customer T-4 Bill T-4 Bill T-4 Dill T-4 Dill T-4 D-300 Mof/mo T-4 301-15000 Mof/mo T-4 > 15000 Mof/mo	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700	1 300 1,700
Customer 34	New Customer	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950
Summary	G-1 Bill G-1 0-300 Met/mo G-1 301-15000 Met/mo G-1 > 15000 Met/mo	1 (155) (361)	1 (150) (42)	1 (171) (1,267)	1 (146) (1,542)	1 89 (2,605)	1 654 (4,398)	1 403 (5,124)	1 237 (5,329)	1 294 (3,814)	1 (242) (4,193)	1 (237) (4,268) -	2 70 -
	G-2 Bill G-2 0-15000 Mel/mo G-2 > 15000 Mel/mo	•	-	-	:	• • •	•	(15,000) (34,899)	(15,000) (90,742)	(15,000) (30,630)	(15,000) (38,094)	(15,000) (72,430)	-
	T-3 B射 T-3 9-15000 Mcl/mo T-3 > 15000 Mcl/mo	(1) 16,737 25,000	(1) 16,210 25,000	(1) 17,346 25,000	(1) 16,357 26,826	(1) 6,333 27,037	(1) 5,125 27,091	(1) 16,048 27,353	(2) 16,129 27,139	(2) 16,114 27,074	(2) 16,357 26,843	(2) 16,213 26,887	(2) 2,641 -
	T-4 Bill T-4 0-300 McIlmo T-4 301-15000 McIlmo T-4 > 15000 McIlmo	1 455 6,982 2,106	1 450 5,664 2,565	1 473 8,013 1,800	1 477 8,712 253	1 414 12,041 (2,302)	300 10,936 (2,879)	1 300 15,677 (4,694)	407 19,323 (6,315)	1 382 14,539 (2,529)	592 18,356 (4,750)	1 647 18,227 (2,954)	597 12,690 (2,643)
	EDR 88 EDR 0-300 Mellmo EDR 301-15000 Mellmo EDR > 15000 Mellmo	- - -	- - -	•	-	:		- - -	- - -	- - -	-	- - -	-
	Sp K Bill Sp K Volumes Sp K Rate Sp K Distr, Charge	(1) (21,056)  62,169	(1) (20,446) 59,645	(1) (21,608) - 63,289	(1) (25,561) - 69,456	(1) 7,752 - 35,854	7,648 50,564	(1) 8,573 - 45,474	8,252  33,924	8,393 32,355	8,073 - 16,291	8,338 9,377	7,341 5,902

(34,899) (90,742) (30,630) (38,094) (72,430)

G-2 > 15000 Mcf/mo

<sup>5</sup> Expansions/Load Additions
3 Load Reductions
6 New Customers
3 Closings
3 Service Changes

Test Year													
	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total
Residential													
Customers	157,594	159,580	157,189	155,047	155,912	153,510	153,825	155,116	158,490	159,482	160,183	160,439	1,886,367
Mcf	879,434	408,824	201,104	154,175	155,035	156,623	330,320	873,656	1,523,008	1,918,900	2,004,126	1,421,181	10,028,386
Commercial & Public	Authority												
Customers	19,077	19,395	18,880	18,544	18,742	18,396	18,332	18,756	19,086	19,426	19,436	19,504	227,574
Mcf	506,276	303,165	207,110	184,297	186,707	184,688	259,787	503,484	787,294	970,750	1,004,616	750,386	5,848,560
Firm Industrial													
Customers	195	212	205	183	208	193	189	204	196	222	210	212	2,429
Mcf	41,965	35,123	28,027	22,480	23,559	25,141	28,480	30,327	70,917	114,623	78,067	69,312	568,020
Interruptible & Transp	ortation												
Customers	221	224	221	220	219	219	218	221	221	222	229	223	2,657
Mcf	2,285,076	2,329,889	2,078,405	2,208,828	2,281,988	2,294,445	2,440,883	2,594,420	2,952,460	3,013,490	2,548,772	2,728,302	29,756,956

		Commercial &		1_1S	
		Public		Interruptible &	
	Residential	Authority	Firm Industrial	Transportation	Total
Base Load per Customer (Jul & Aug)	1.01	10.00	121.37	10,452	
Total Base Load per year	1,900,000	2,275,830	294,853	27,765,875	
Average Daily Base Load per Customer	0.03311	0,32878	3,99033	343,61615	
Heating Load Per Year	8,126,386	3,572,730	273,167	1,991,081	
Annual HDDs	3,959	3,959	3,959	3,959	
Heating Load per Customer per HDD	0.01306	0,04759	0.34083	2,27174	
Peak Design Day HDD	60	60	60	60	
Peak Day per Average Customer	0.81658	3.18390	24.44018	479.92054	
Total Class Peak Day, Mcf	128,364	60,381	4,948	106,246	299,939

#### ATMOS ENERGY CORPORATION - KENTUCKY SERVICE CHARGES

Reference Period - Twelve Months Ending 06/30/2017

ine															
lo. Class of Customers	Rate	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)	(o)	(p)
1 Meter Sets															
2 Regular Hours	\$34.00	88	92	138	294	553	42*	I/5	112	139	83	98	168	88	92
3 After Hours	\$44.00	0	92 0	9		0	0	. 0	0	. 0	0.	E	9	0	0
6 TOTAL Billed Orders		88	92	138	294	553	421	175	112	138	83	98	108	88	92
7 TOTAL Revenue		\$2,992	\$3,128	\$4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332	\$3,672	\$2,992	\$3,128
8 9 Turn on															
10 Regular Hours	\$23.00	652	259	909	1,731	2,887	1055	587	500	2,45	450	567	F116	682	857
11 After Hours	\$28.00	- 0	867 - 0			4,000	,855 17	'n	ń	. 6	7			0	0
12 TOTAL Billed Orders	φ20.00 §	682	857	938	1,731	2,887	1,855	641	520	646	430	547	603	682	857
13 TOTAL Revenue		\$15,686	\$19,711	\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869	\$15,686	\$19,711
14		Ψ10,000	Ψ10,711	Ψ2.1,01-	φου,στο	400,101	Ψ12,000	ΨΙΤ,ΙΤΟ	Ψ11,000	Ψ113000	φο,οοο	V12,001	Ψ10,000	Ψ10,000	Ψ10,111
15 Read					-										
16 Regular Hours	\$12.00	1,306	1,489	1,264	1,226	.914	1638	1,596	1,148	4.361	911	992	847	1,306	1,489
17 After Hours	\$14.00	9	40	- 5		ű	1 0	- 6	- 0		1		1.0	0	0
18 TOTAL Billed Orders		1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489
19 TOTAL Revenue	-	\$15,672	\$17,868	\$15,048	\$14,640	\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824	\$11,364	\$15,672	\$17,868
20															
21 Reconnect Delinquent Service	_									***************************************	***************************************				
22 Regular Hours	\$39.00	168	294	219	289	261	81	316	47.6	766	525	514	618	168	294
23 After Hours	\$47.00	0	0	0	. 0	9	0	3.0		ů.	9	- 6		0	0
24 TOTAL Billed Orders		168	294	219	293	261	81	316	475	766	525	514	518	168	294
25 TOTAL Revenue		\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202	\$6,552	\$11,466
26															
27 Seasonal Charge					9/0500000000000000000000000000000000000							Nederlands National States	220022200000000000000000000000000000000	_	_
28 Regular Hours	\$65.00	- 0	0	44	120	166	24	- 0	2			3	1	0	0
25 After Hours	\$73.00	-7.0	<u>û</u>	- 0	0	9	. 0	0		4	9			0	0
26 TOTAL Billed Orders		0	0	11	120	163	24	0	2	0	0	3	11	0	0
27 TOTAL Revenue		\$0	\$0	\$715	\$7,800	\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195	\$65	\$0	\$0
28 20 Mates Tart Observe															
29 Meter Test Charge	***		1975-1975 - 1975-1975-1975-1975-1975-1975-1975-1975-											0	^
30 Regular Hours	\$20.00	0	9	- 0	U.		0	E A			1.0			0	0
31 After Hours	N/A	2		0	0					0	0		0	0	0
32 TOTAL Billed Orders		0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	<u>0</u> \$0	0 \$0	<u>0</u> \$0	\$0	0 \$0	. \$0	<u>0</u> \$0	\$0	<u> </u>
33 TOTAL Revenue 34		<u>\$U</u>		\$0	<b>Φ</b> U	<b>⊅</b> ∪	φυ	<b>⊅</b> ∪	ΦU	ΦU	φυ	. 30	<b>\$</b> 0	ΦU	<u> </u>
35															
36 Return Check Charge															
37 Regular Hours	\$25.00	177	200	193	190	192	506	774	257	353	232	266	249	177	200
38 After Hours	925.00 N/A	A	0	- 0	- 0		239 0	276 0	- 0	- 1	- 6	G G	fa:	0	0
39 TOTAL Billed Orders	147 8	177	200	193	180	192	239	276	252	353	232	266	249	177	200
40 TOTAL Revenue		\$4,425	\$5,000	\$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8.825	\$5,800	\$6,650	\$6,225	\$4,425	\$5,000
41		Ψτιτέο	ψυ,υυυ	Ψτισέσ	Ψτισσσ	ψ+,000	Ψο,οισ	Ψο,σου	ΨΟ,ΟΟ	ψυ,υΣυ	φο,σσσ	Ψ0,000	ψυιμευ	ΨΤ,ΤΔΟ	40,000
42 SUBTOTAL - OTHER OPERATING REVE	NUE .	\$45.327	6.77.77	355 365	\$10.7 6	\$126,545	897,101	358 123	\$54,439	\$74.821	\$49,919	1531.53	165,397	\$45,327	\$57,173
43				**************************************										Ţ.u,u	4
44 Late Payment Fee															
45 Rate	5%	\$49,460	\$49,976	\$61.567	\$51,016	\$69,268	\$103,771	\$151.122	\$180,240	\$198,132	\$149,416,	\$107,764	\$76,679	\$59,150	\$54,439
46 TOTAL Revenue		\$94,787	\$107,149	\$106,982	\$139,191	\$189,813	\$190,872	\$209,255	\$234,679	\$267,953	\$199,337	\$161,392	\$132,076	\$104,477	\$111,612
		+,		4	7,			·		,				4	

(q) (r) (s) (t) (u) (v) (w) (x) (y) (z) (aa) (ab) (ac) (ad) (ae) (af)	(ag)	(ah) (ai)
	475	
138 294 553 421 175 112 138 83 98 108 88 92 138 294 553 421	175	112 138
	0	0 0
138         294         553         421         175         112         138         83         98         108         88         92         138         294         553         421           \$4,692         \$9,996         \$18,802         \$14,314         \$5,950         \$3,808         \$4,692         \$2,822         \$3,332         \$3,672         \$2,992         \$3,128         \$4,692         \$9,996         \$18,802         \$14,314	175	112 138
\$4,692 \$9,996 \$18,802 \$14,314 \$5,950 \$3,808 \$4,692 \$2,822 \$3,332 \$3,672 \$2,992 \$3,128 \$4,692 \$9,996 \$18,802 \$14,314	\$5,950	\$3,808 \$4,692
938 1,731 2,887 1,855 641 520 646 430 547 603 682 857 938 1,731 2,887 1,855	641	520 646
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	0 641	0 0 520 646
938         1,731         2,887         1,855         641         520         646         430         547         603         682         857         938         1,731         2,887         1,855           \$21,574         \$39,813         \$66,401         \$42,665         \$14,743         \$11,960         \$14,858         \$9,890         \$12,581         \$13,869         \$15,686         \$19,711         \$21,674         \$39,813         \$66,401         \$42,665	\$14,743	\$11,960 \$14,858
\$2.10.1 \$2010. \$1.10.0 \$1.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0 \$4.10.0	Ψ11,110	\$11,000 \$11,000
4054 4000 4014 4010 4110 4110 4110 4110	4 740	
1,254 1,220 1,314 1,619 1,518 1,143 1,381 911 902 947 1,306 1,489 1,254 1,220 1,314 1,619 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,518 0	1,143 1,381 0 0
1,254 1,220 1,314 1,619 1,518 1,143 1,381 911 902 947 1,306 1,489 1,254 1,220 1,314 1,619	1,518	1,143 1,381
\$15,048 \$14,640 \$15,768 \$19,428 \$18,216 \$13,716 \$16,572 \$10,932 \$10,824 \$11,364 \$15,672 \$17,868 \$15,048 \$14,640 \$15,768 \$19,428	\$18,216	\$13,716 \$16,572
219 293 261 81 316 475 766 525 514 518 168 294 219 293 261 81	316	475 766
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0	0 0
219 293 261 81 316 475 766 525 514 518 168 294 219 293 261 81	316	475 766
\$8,541 \$11,427 \$10,179 \$3,159 \$12,324 \$18,525 \$29,874 \$20,475 \$20,046 \$20,202 \$6,552 \$11,466 \$8,541 \$11,427 \$10,179 \$3,159	\$12,324	\$18,525 \$29,874
11 120 163 24 0 2 0 0 3 1 0 0 11 120 163 24	0	2 0
	0	0 0
11 120 163 24 0 2 0 0 3 1 0 0 11 120 163 24 \$715 \$7,800 \$10,595 \$1,580 \$0 \$130 \$0 \$0 \$195 \$65 \$0 \$0 \$715 \$7,800 \$10,595 \$1,560	0	2 0 \$130 \$0
\$715 \$7,800 \$10,595 \$1,560 \$0 \$130 \$0 \$0 \$195 \$65 \$0 \$0 \$715 \$7,800 \$10,595 \$1,560	\$0	\$130 \$0
	0	0 0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0	0 0
\$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$0	\$0 \$0
		***************************************
193 180 192 239 276 252 353 232 266 249 177 200 193 180 192 239	276	252 353
193 180 192 239 276 252 353 252 266 249 177 200 193 160 192 239 0 0 0 0 0 0 0 0 0 0 0	0	202 303
193 180 192 239 276 252 353 232 266 249 177 200 193 180 192 239	276	252 353
\$4,825 \$4,500 \$4,800 \$5,975 \$6,900 \$6,300 \$8,825 \$5,800 \$6,650 \$6,225 \$4,425 \$5,000 \$4,825 \$4,500 \$4,800 \$5,975	\$6,900	\$6,300 \$8,825
\$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101	\$58,133	\$54,439 \$74,821
φουμούν φυσμείο φτεόρτο φοτμείο φουμού φυτήτας φτήσει φτόρεις φουμοέν φουμού φουμεί φουμού φουμού φουμού φουμο	φου, του	φυ <del>τ</del> <sub>ί</sub> του φιτίΩΣ1
	\$163,043	\$195,126 \$200,044
\$109,974 \$142,180 \$194,949 \$198,452 \$221,938 \$250,530 \$275,294 \$204,647 \$164,801 \$131,486 \$103,558 \$110,857 \$109,430 \$141,637 \$193,979 \$198,017 \$	\$221,176	\$249,565 \$274,865

Apr-19 (aj)	<u>May-19</u> (ak)	Jun-19 (al)	Jul-19 (am)	Aug-19 (an)	Sep-19 (ao)	Oct-19 (ap)	Nov-19 (aq)	Dec-19 (ar)	Jan-20 (as)	Feb-20 (at)	Mar-20 (au)	Apr-20 (av)	May-20 (aw)	Jun-20 (ax)	Jul-20 (ay)	Aug-20 (az)	Sep-20 (ba)	Oct-20 (bb)
(aj)	(an)	(ai)	(am)	(all)	(au)	(ap)	(aq)	(ai)	(43)	(ai)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(va)	(00)
83	98	108	88	92	138	294	553	421	175	112	138	83	98	108	88	92	138	294
0	0	00	0	0	0	0	0	00	0	0	0		0	0	0	0	0	0
83 \$2,822	98 \$3,332	108 \$3,672	\$8 \$2,992	92 \$3,128	138 \$4,692	294 \$9,996	553 \$18,802	421 \$14,314	175 \$5,950	112 \$3,808	138 \$4,692	83 \$2,822	98 \$3,332	108 \$3,672	88 \$2,992	92 \$3,128	138 \$4,692	294 \$9,996
ΨΖ,ΌΖΖ	φ0 <sub>1</sub> 00Z	φ0,012	φε,σσε	φο, τ20	Ψ+,032	ψυ,υυυ	φ10,002	\$14,514	Ψυισου	40,000	φ4,032	92,022	Ψ3,302	φ0,012	φ2,332	φυ, (20	\$4,03Z	\$3,330
430	547	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547	603	682	857	938	1,731
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
430 \$9,890	547 \$12,581	603 \$13,869	682 \$15,686	857 \$19,711	938 \$21,574	1,731 \$39,813	2,887 \$66,401	1,855 \$42,665	641 \$14,743	520 \$11,960	646 \$14,858	430 \$9,890	547 \$12,581	603 \$13,869	682 \$15,686	857 \$19,711	938 \$21,574	1,731 \$39,813
49,030	φ12,001	\$10,009	\$10,000	Ψ13,711	Φ21,014	\$33,013	\$00,401	φ42,000	Φ14,740	<u>\$11,800</u>	<b>∌</b> 14,000	φ <del>9,090</del>	φιΖ,001	\$10,008	\$10,000	ক।খ,/।।	\$21,074	φυσ,στο
911	902	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489	1,254	1,220
<u> </u>	0	0 947	1 206	1.400	0 1,254	0 4 000	0	0 1,619	0 1,518	0	4.004	0 911	902	<u>0</u> 947	1.000	1,489	0 1 054	1,220
\$10,932	902 \$10.824	\$11,364	1,306 \$15,672	1,489 \$17,868	\$15,048	1,220 \$14,640	1,314 \$15,768	\$19,428	\$18,216	1,143 \$13,716	1,381 \$16,572	\$10,932	\$10,824	\$11,364	1,306 \$15.672	\$17,868	1,254 \$15,048	\$14,640
Ψ10,502	ψιοιοετ	Ψ11,007	Ψ10,01Z	ψι7,000	Ψ10,040	ψ17,070	Ψ10,700	ψισ,τεσ	ψιο,ειο	910,710	ΨΙΟ,ΟΙΖ	Ψ10,002	ψ10,02 <del>.</del> τ	ΨιιιουΨ	ψισισιε	ψ17,000	₩10,0 <del>10</del>	Ψ17,040
525	514	518	168	294	219	293	261	81	316	475	766	525	514	518	168	294	219	293
0 525	0	0 518	0 168	0 294	0 219	0 293	0 261	0 81	0 316	0 475	0 766	0 525	0 514	<u>0</u> 518	0	0 294	0 219	0 293
\$20,475	514 \$20,046	\$20,202	\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202	168 \$6,552	\$11,466	\$8,541	\$11,427
Ψ20, τι σ	Ψ20,040	ψευιευε	40,002	Ψ11,700	ΨΟ,ΟΨ1	Ψ11,72.7	Ψισιιισ	Ψ0,100	ψ ( <b>Σ</b> , 0 <b>Σ</b> +	Ψισ,οεσ	Ψ20,014	φεσιτίο	ΨΣΟ,ΟΉΟ	ψευ,ευε	Ψυ,υυΣ	Ψ11,400	φο,ο-τι	Ψ11,321
0	3	1	0	0	11	120	163	24	0	2	0	0	3	1	0	0	11	120
0 0	0 3	0	0	0	<u>0</u> 11	0 120	0 163	0 24	0	02	0	0	<u>0</u> 3	0	0	0	0 11	120
\$0	\$195	\$65	\$0	\$0	\$715	\$7,800	\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195	\$65	\$0	\$0	\$715	\$7,800
			44			,	ψ.ιομούο	7 1,122	<del></del>		7.5			<del></del>		**	<b>4.10</b>	<del></del>
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
00	0	0	0	0	0	0	<u>0</u> 0	0	0	0	0	0	0	0	0	0	0	0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	. \$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0 \$0
		·												-		· · · · ·		
232	266	249	177	200	193	180	192	239	276	252	353	232	266	249	177	200	193	180
232	200	249	0	200	193	0	0	233	0	202	0	232	200	0	0	200	193	0
232	266	249	177	200	193	180	192	239	276	252	353	232	266	249	177	200	193	180
\$5,800	\$6,650	\$6,225	\$4,425	\$5,000	\$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650	\$6,225	\$4,425	\$5,000	\$4,825	\$4,500
040.040	AFO 000	ACE 007	A45 005	<b>657 470</b>	prr oor	#DD 470	0400 545	MO7 404	<b>#</b> C0 430	254 400	674.004	040.040	<b>#</b> 50.000	err 00-	045.00	ACZ 470	<b>0</b> 000	600.470
\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176
\$154,428	\$111,000	\$74,985	\$57,616	\$53,182	\$53,547	\$52,974	\$66,562	\$109,724	\$161,012	\$192,572	\$197,978	\$152,949	\$110,071	\$74,725	\$57,486	\$53,082	\$53,548	\$52,976
\$204,347	\$164,628	\$130,382	\$102,943	\$110,355	\$108,942	\$141,150	\$193,107	\$196,825	\$219,145	\$247,011	\$272,799	\$202,868	\$163,699	\$130,122	\$102,813	\$110,255	\$108,943	\$141,152
														-				

Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)
553	421	175	112	138	83	98	108	88	92	138	294	553	421	175	112	138	83	98
0 553	0 421	0 175	0 112	<u>0</u> 138	0 83	0 98	0 108	0 88	0 92	<u>0</u> 138	0 294	0 553	0 421	0 175	0 112	0 138	0 83	<u>0</u> 98
\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332	\$3,672	\$2,992	\$3,128	\$4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332
\$10,002	Ψ1+,01+	ΨΟ,ΟΟΟ	40,000	ψ-1,002	Ψ=,0εε	Ψ0,002	ΨΟ,Ο12	Ψεισοε	ΨΟ, ΙΕΟ	φ+,052	ψο,σου	Ψ10,002	ψ1-4,01-4	ΨΟΙΟΟΕ		φ-1,002	ΨΕ,υΕΕ	φο,ουΣ
2,887	1,855	641	520	646	430	547	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2,887 \$66,401	1,855	641	520	646	430 CO 000	547	603	682 \$15,686	857 \$19,711	938	1,731	2,887	1,855	641	520	646	430	547
\$00,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869	\$10,000	\$19,711	\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581
1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_
1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902
\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824	\$11,364	\$15,672	\$17,868	\$15,048	<b>\$14</b> ,640	\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824
261	81	316	475	766	525	514	518	168	294	219	293	261	81	316	475	766	525	514
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
261	81	316	475	766	525	514	518	168	294	219	293	261	81	316	475	766	525	514
\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202	\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046
163	24	0	2	0	0	3	1	0	0	11	120	163	24	0	2	0	0	3
103	<b>2</b> 4	0	0	0	0	0	0	0	0	0	0	0	0	0	2 0	0	0	3 0
163	24	0	2	0	0	3	1	<u>ŏ</u>	0	<u></u>	120	163	24	ŏ	2	ŏ	0	3
\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195	\$65	\$0	\$0	\$715	\$7,800	\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195
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\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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400	200	277	000	050	000	500	0.10	J=	202	400	105	400	200	070	0.55	nen	200	000
192 0	239 0	276 0	252 0	353 0	232 0	266 0	249 0	177 0	200 0	193 0	180 0	192 0	239 0	276 0	252 0	353 0	232 0	266 0
192	239	276	252	353	232	266	249	177	200	193	180	192	239	276	252	353	232	266
\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650	\$6,225	\$4,425	\$5,000	\$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650
		7-1-20			. ,	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		1 -1		7.1			, , , =	· · · · · ·	T.T.L.			,
\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$49,919	\$53,628
#00 F0F	0400 040	M400 000	0400.005	D407 440	0450 574	@400 040	674.040	<b>#</b> 67 550	@E5 44F	@E0.004	BEQ 000	dee ere	ተፈበር ዕርር	P4C4 004	6400.040	ውፈርም ዕርር	Ø4 E0 000	£440.070
\$66,535 \$193,080	\$109,616 \$196,717	\$160,800 \$218,933	\$192,295 \$246,734	\$197,443 \$272,264	\$152,574 \$202,493	\$109,849 \$163,477	\$74,810 \$130,207	\$57,553 \$102,880	\$53,145 \$110,318	\$53,634 \$109,029	\$53,062 \$141,238	\$66,653 \$193,198	\$109,888 \$196,989	\$161,224 \$219,357	\$192,813 \$247,252	\$197,882 \$272,703	\$152,903 \$202,822	\$110,076 \$163,704
Ψ 130,000	φ130,111	φ210,333	ψ <b>∠</b> 40,134	ψΔ1 Δ <sub>1</sub> Δ04	Ψ202,433	φ100,411	φ100,201	ψ102,000	φιισίσιο	Ψ100,0Z3	φ (+1,400	φ100,100	ψ100,000	Ψ2.10,001	ΨΕ <del>Ψ</del> Ι, ΕΌΣ	Ψ <u>ΕΙ</u> Ε, Ι ΌΟ	<b>ヴエリエ, リエエ</b>	φ100,104

_	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Apr-23	May-23	Jun-23
	(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)
	108	88	92	138	294	553	421	175	112	138	83	98	108
	0	0	0	0	0	0	0	0	0	0	0	0	0
	108	88	92	138	294	553	421	175	112	138	83	98	108
	\$3,672	\$2,992	\$3,128	\$4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332	\$3,672
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	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547	603
_	0	0	0	0	0	0	0	0	0	0	0	0	0
•	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547	603
_	\$13,869	\$15,686	\$19,711	\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869
	947	1,306	1,489	1,254	1,220	1,314	<b>1</b> ,619	1,518	1,143	1,381	911	902	947
	0	0	1,100	0	0	0	0	0	, , , , 0	0	0	0	0
-	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902	947
_	\$11,364	\$15,672	\$17,868	\$15,048	\$14,640	\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824	\$11,364
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	518	168	294	219	293	261	81	316	475	766	525	514	518
_	0	0	0	0	0	<u> </u>	0	0	0	0	0	0	0
	518	168	294	219	293	261	81	316	475	766	525	514	518
_	\$20,202	\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202
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	\$65	\$0	\$0	\$715	\$7,800	\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195	\$65
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_	\$0	\$0	\$0	\$0	<b>\$</b> U	\$0	\$0	\$0	ÞU	<b>\$</b> U	\$0	\$0	20
	249	177	200	193	180	192	239	276	252	353	232	266	249
	0	0	0	0	Ō	0	0	0	0	0	0	0	0
	249	177	200	193	180	192	239	276	252	353	232	266	249
	\$6,225	\$4,425	\$5,000	\$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650	\$6,225
	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$49,919	\$53,628	\$55,397
										-			
	B37 000	Aura mad	0=0.000	<b>****</b> 225	<b>#</b> 50.005	200 000	0144.515	<b>#</b> 400.075	2402.000	0004.005	0455 400	A444 770C	070.040
_	\$75,088	\$57,731	\$53,300	\$53,806	\$53,235	\$66,922	\$111,545	\$163,972	\$196,238	\$201,365	\$155,428	\$111,706	\$76,012
_	\$130,485	\$103,058	\$110 <sub>,</sub> 473	\$109,201	\$141,411	\$193,467	\$198,646	\$222,105	\$250,677	\$276,186	\$205,347	\$165,334	\$131,409

# Atmos Energy - Kentucky Actual & Normal Degree Days Reference Period - Twelve Months Ending 06/30/2017

Line		Actual	Normal	Lagged Actual	Lagged Normal
No.	Month	Ddays	Ddays	Mo. Ddays (1)	Mo. Ddays (1)
	(a)	(b)	(c)	(d)	(e)
Basis: NOA	AA Normals for 1997-20	)17			
1	Jul-16	0	0	0	0
2	Aug-16	0	0	0	0
3	Sep-16	14	24	0	2
4	Oct-16	80	213	40	89
5	Nov-16	391	500	204	358
6	Dec-16	815	808	671	665
7	Jan-17	687	894	788	852
8	Feb-17	459	728	604	889
9	Mar-17	448	519	432	607
10	Apr-17	106	212	226	354
11	May-17	62	59	93	121
12	Jun-17	0	2	4	22
13					
14		3,062	3,959	3,062	3,959

<sup>(1)</sup> Based upon 16th of previous month through 15th of billing month.

<sup>(2)</sup> Per NOAA, as reported for stations in Paducah (34.7.0%), Evansville (24.0%), Louisville (4.4%), Lexington (13.9%) and Nasvhille (23.0%).

Part
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Column   C
Part
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SEATING         CHAST         <
Charle   C
2.000.17         Make 18         Part 18         18         <
2.000.17         Make 18         Part 18         18         <
2-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-14         1-5-5-5-1
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GAS COST ESTIMATES

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2,382,433 1,598,537) 1,094,841 51,520,818 56,588 51,73,198 (1,820,817) 51,73,198 (1,820,817) 54,738,167	1,530,808 \$ \$3,177 \$ \$3,177 \$ \$ \$4,898 \$ \$ \$0,595 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	2.28 2.00 2.00 2.00 2.00 2.00 2.00 2.00		162 688 463,1872 545,780 1,308,530	159,868 443,862 8-46,760 1,303,530
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871.846 2.887.877 3.271.261 84.70.664 84.134 8 641.146 8 641.146 8 641.146	\$ 4,706,894 \$ \$ \$ 4,500 \$ \$ 4,550 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	83.08 89.00 89.00 89.00 89.07 89.02 89.02 89.02 89.03 89.03 89.03	0000088 80.03 80.03 	2.397.877 3371.661 927.876	1,274,140 2,387,1877
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Sep-20 420,855 33,474 484,339 5,943 170,272		168,888 493,862 846,780 1,309,530	1,938	900'627	\$0.0158 \$0.0315 \$0.0315 \$0.0315	6,839,616 2242,633 18,767,106	(878,665) 1,359,247 (1,599,894)
Aus-20 386,42 27,879 384,422 5,048 399,471 403,486		168,888 493,862 846,780 1,309,530	1,938	401,527	\$0.0158 \$0.0315 \$0.0315 \$0.8697	5,023,948 2,246,736 15,518,472 \$	(1,175,527) 1,381,731 (2,559,141)
Jul-20 382,190 48,105 411,295 5,285 416,560 420,725		158,858 -453,862 548,790 1,309,530	1,938	418,787	\$0.0157 \$0.0315 \$0.0315 \$0.0178	5,208,280 2,228,507 \$ 14,271,737 \$	(1,554,389) 1,351,289 (4,320,872)
Jun-20 379,006 16,546 395,552 5,063 40,621 404,621		163.889 453.992 646.780 1,309.530	1,338	402.652	\$0,0166 \$0,0166 \$0,0015 \$0,897 \$0,0178	4,392,612 2,204,884 \$ 12,042,230 \$	(2158.251) 1.338,387 (5.672,171)
May-20 584,376 24,882 589,258 7,543 596,801 602,769		168,888 493,882 848,780 1,309,530	1,908	600.831	\$0.0154 \$0.0154 \$0.0315 \$0.8697 \$0.0178	3,576,944 2145,583 9,637,336 5	(2,662,113) 1,323,482 (7,008,588)
Auc-20 1,014,679 18,781 1,033,460 1,046,688 1,046,688	'	163,888 463,882 646,780 1,309,530	1.939	1,056.216	\$0.0155 \$0.0155 \$0.0015 \$0.00178	2,761,275 2,199,971 \$ 7,669,774 \$	(3.145,975) 1,333,417 (8,332,050)
Mar-20 1,952,231 36,087 2,018,288 25,634 2,044,132 2,064,573	211.296 678.173 860.213 1.747,682		1,938	2.052,635	\$0.0378 \$0.0315 \$0.0315 \$0.8637 \$0.0178	1,945,837 (3,339,952) \$ 5,453,802 \$	(3.659.838) (1.573.039) (9.665.483)
Feb-20 2-613,662 46,173 2-690,342 34,052 2-694,394 2-721,338	249,144 808,642 1,453,423 2,509,208		1,938	2,719,399	\$0.0776 \$0.0315 \$0.035 \$0.0178	3,137,116 (4,772,526) \$ 8,753,764 \$	(3,093,885) (2,202,264) (8,092,428)
Jan-20 8,138,971 66,585 8,205,556 41,031 3,245,587 9,279,053	301,661 921,876 1.174,140 2,397,577		7,938	3,277,114	\$2,007.08 \$2,003.16 \$2,003.07 \$2,007.18	4,639,683 (4,136,870) \$ 13,565,281 \$	(2.257.024) (2.516.882) (5.690,174)
2412,050 2412,050 34,830 2,832,880 33,686 2,903,576 2,932,612	255,463 788,210 737,527 1,762,220	• • • •	1,938	2,930,673	\$3,0172 \$0.0316 \$0.8697 \$0.0178	6,315,484 (2,786,289) \$ 17,703,161 \$	(1.335,148) (2.097,385) (3.573,312)
Now+19 1,824,200 28,536 1,880,725 23,889 1,874,424 1,893,168	183,650 384,115 182,161 729,905		1,908	1,881,230	\$0.0124 \$0.0015 \$0.0015 \$0.0178	7,309,474 (959,355) \$ 20,489,450 \$	(1,048,692) (1,048,692) (1,275,927)
04119 976,179 14,698 990,845 12,665 1,000,528		168,888 490,882 646,780 1,309,530	1.938	1,011.525	\$0.0160 \$0.0315 \$0.6837 \$0.0178	7,666,295 2,276,271 21,453,505 \$2,8031	(182,803) 1,379,614 (227,235) \$2,7302
Sep-19 430.483 33.474 463.338 5.938 469.874 474.573		166,888 455,882 648,780 1,308,530	1,938	472,635	\$0.0159 \$0.0315 \$0.0315 \$0.0897 \$0.0178	6,839,816 2,256,222 S 19,182,534 S	(478.885) 1.388.885 (1.638.848)
Aug-19 366,244 27,879 394,173 5,045 396,188 403,180		156,868 493,862 646,780 1,309,530	1,938	401,222	\$0,0160 \$0,0315 \$0,0315 \$0,0837	6,023,948 2,272,989 \$ 16,924,313 \$	(1,170,527) 1,377,627 (2,975,534)
361.881 351.881 49.105 410.896 5.281 416.257 420.420		169,998 455,982 645,780 1,309,530	1,936	418,481	\$0,0169 \$0,0316 \$0,0897 \$0,0178	5,208,280 2,285,426 14,651,323 \$	(1,684,389) 1,373,853 (4,383,180)
Jun-19 378,669 16,546 386,245 5,069 400,307		168,888 493,862 646,700 1,309,530	1.968	402,369	\$0,0158 \$0,005 \$0,0015 \$0,0178	4,392,612 2,248,378 12,384,888 \$	(2,158,251) 1,362,724 (5,726,813)
May-19 265,046 24,052 565,752 7,556 565,254 600,227	'	169,898 493,882 646,790 1,309,530	1.538	600.288	\$10,0157 \$10,0215 \$10,6507 \$20,0178	3,576,944 2,220,327 10,136,521 \$	(2,652,113) 1,361,766 (7,089,557)
Apr-19 1,013,548 18,781 1,032,329 13,214 1,045,543 1,065,998		168,888 483,862 645,780 1,339,530	1,838	1.054,060	\$0,0159 \$0,0316 \$0,0316 \$0,0178	2,751,275 2,224,940 7,905,194 \$	(3.145,975) 1.395,838 (3.441,333)
Mar-18 1,980,894 36,067 2,015,981 2,041,765 2,092,183	211,296 578,173 990,213 1,767,692		1,938	2,080,245	\$0.013 \$0.013 \$0.013 \$0.2697 \$0.0178	1,945,607 (5,460,883) \$ 5,851,254 \$	(3,639,838) (1,598,789) (9,638,032)
Feb-18 2.610,505 46,679 2.657,185 34,012 2.691,197 2.718,109	249,144 816,642 1,453,423 2,60e,208		1,938	2,716.170	8,100\$ 9,6670\$ 9,600\$	3,137,116 (4,546,313) \$ 9,112,138 \$	(3,063,885) (2,236,519) (8,211,232)
Jan-18 3,135,161 66,585 3,201,747 40,882 3,242,729 3,275,156	301,665 921,876 1,174,140 2,397,877	•••	1,938	3,273,218	\$0,0185 \$0,0315 \$0,8897 \$0,0178	4,639,883 (4,286,643) \$ 14,057,451 \$	(2.257,024) (2.554,879) (5.975,713)
Cec-18 2408.579 54,830 2,830 31,652 2,300,061 2,828,061	256,463 788,220 737,527 1,762,220	"	1,938	2,927,125	\$0.0180 \$0.0515 \$0.0515 \$0.05178	6,315,484 (2,887,165) \$ 18,344,094 \$	(1,336,148) (2,128,046) (3,420,834)
Nov-18 1.821,939 26,635 1.848,475 23,680 1,872,133 1,890,895	163,650 384,115 182,161 729,926		1.938	1,888,916	\$0.0173 \$0.0015 \$0.0015 \$0.0078	7,309,474 (1,004,450) \$ 21,231,259 \$	
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1,782,567	, 858.	(1,309,530)	474,975	\$851,422 \$5,304 \$4,845,873 \$0 \$145,847 (3,601,881)	\$2,050,668	651,422	\$5.0136 1.4845 \$4.5080 54.5080	\$2.28 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	eseQ Ajdans	163, 888 403, 852 645, 780 1,309,530
1,711,057	1,938	(1,309,530)	403,458	\$554.052 \$5.314 \$4.684.017 \$0 \$142.475 (3.608,465) \$	\$1,757,391	\$ 229.052 \$	2.884 \$3.0508 1,4945 \$4.5454 \$4.5454	52.98 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	Beckr Buchamm For Casa Surph Data	162,896 493,862 6-46,780 1,303,530
1,728,317	1,938.	(1.309,530)	420,725	\$552,301 \$5,273 \$4,674,657 \$143,289 \$143,289	\$1,794,614	552,307 \$	\$3,0206 1,4945 \$4,5760 0 \$4,5760	27. 22. 35. 35. 35. 35. 35. 35. 35. 35. 35. 35	- Bedd	168,889 490,882 645,780 1,309,630
1,712,213	. 808';	(4.309,530)	404,62H	\$570,139 \$5,215 \$4,579,334 \$0 \$142,529 [3,641,281} \$	\$1,755,928	570.139 \$	87.2978 1.8948 87.89.73 0.505.48	25 25 25 25 25 25 25 25 25 25 25 25 25 2		165,888 453,862 545,780 1,309,530
1,910,951	1,938	(4.308,530)	602,789	\$949,047 \$5,165 \$5,059,324 \$0 \$151,875 {3,507,044} \$	\$2,558,367	\$ 740,047	2.564 \$72.5008 1.4945 \$4.3953 0 \$4.3953	52.88 50.14 50.14 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00		168,888 493,862 646,780 1,308,530
2,354,747	. 855.	(1,309,530)	1,057,185	\$1,520,688 \$1,200 \$6,310,273 \$0 \$173,308 \$1,533,388] \$	54,476,064	1.520,668 \$	\$2,8897 1,4845 \$4,3542 \$4,3542 \$4,3542	52.53 50.00 50.00 50.07 50.07 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00		165,688 493,862 6-45,780 1,309,530
284,953	1,938	'	2,064,573	\$2,971,839 \$6,804 \$879,045 \$0 \$13,912 4,913,001 \$	\$8,783,602	2,971,839 \$	\$2.8765 1.4845 \$4.8741 0 \$4.8741	\$2.60 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00	211.288 271.288 040.273	1,767,582
210,131	1,968		2,721,338	\$3,916,635 \$5,917 \$628,692 \$0 \$9,914 6,974,781 \$	\$11,545,939	3,916,638 \$	2.870 \$2.8678 1.4945 \$4.3625 0	25.55 27.55 27.55 27.55 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75 27.75	248.144 24.148.273	2,509,208
879.438	1,936	-	3,279,053	\$4,702.180 \$5,985 \$2,684.395 \$41.49: \$,653,732	\$14,101,753	4,706,189 5	\$2.8510 1.4945 \$4.4256 0 \$4.4256	22 22 22 22 23 24 24 24 24 24 24 24 24 24 24 24 24 24	163,100 163,100 164,177;	2,387,677
1,188,454	1,938		2502,612	\$4.214.956 \$5,764 \$3,457.845 \$0 \$55,113 4,883.874 \$	\$12,617,152	4,214,958 \$	\$2,5308 1,4845 \$4,4253 0 \$4,4253	\$2.92 \$1.49 \$0.00 \$0.00 \$0.07 \$0.07 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	288.450 764.230 717.4332	1,762.233
1,161,304	1,938	,	1,886,169	\$2,732,253 \$5,508 \$3,282,301 \$0 \$54,778 2018,048 \$	SB.092.885	\$24,705,397 0,2240 1,4845 2,732,253 \$	2,923 \$2,895 1,494 \$4,3910 0 \$4,3910	52.57 51.48 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	163,630 163,630 187,15 187,161	726,926
2321,156	1.938	(1,309.530)	1,013.564	\$1,463,801 \$5,384 \$6,411,078 \$0 \$171,252 (3,655,995) \$	84,386,730	1,463,801 \$	\$2,3588 1,4833 \$4,455 0 \$4,4552	55.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00		168,838 493,832 546,783 1,308,530
1,782,165	1,938	(1,339,530)	474,573	\$55.589 \$5,941 \$4,882,939 \$0 \$145,828 (3,826,97) \$	\$2,059,791	651,589 \$	\$3.0392 1.4983 \$4.5294 24.5294	\$3.00 \$1.50 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		155,888 493,882 845,780 1,309,530
1,710,752	, 888,	(1,309,530)	403,160	\$554.247 \$5.376 \$4,718.248 \$0 \$142.450 [3,650,6167 \$	\$1,769,716	664.247 \$	3,004 83,0940 1,4963 84,5802 0 84,5802	25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00		168,888 493,862 646,780 1,306,590
1,728,012	. 886,	(1,308,530)	420,420	\$652.496 \$6,380 \$4,751.945 \$0 \$1.43.274 (3,640,079) \$	\$1,812.995	662.495 \$	\$2,053 1,493 \$4,532 0 \$4,532	\$3.00 \$1.50 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00		163,288 483,862 846,780 1,308,390
1,711,899	, 838 ,	(1,309,530)	404,307	\$570.342 \$5.318 \$4.669.758 \$1 \$142.514 (3,611,101) \$	\$1,776,828	570,342 \$	\$5.0525 1.4983 \$4.5489 0 \$4.5489	\$5.02 \$5.02 \$5.00 \$5.00 \$5.17 \$5.17 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00		163,898 493,692 545,780 1,304,330
1,909.819	1,938	(1,309,530)	602.227	\$649,238 \$5,275 \$6,167,383 \$151,890 \$151,880	\$2,591,622	2 BEZ/398	3,018 \$2,856 1,4863 \$4,456 0	25 25 25 25 25 25 25 25 25 25 25 25 25 2		162,859 463,852 556,733 1,309,530
2,389,590	. 858,	(1,309,530)	1.055,998	\$1,520,738 \$5,333 \$6,485,472 \$0 \$173,253 (3,621,638) \$	\$4,544,158	1,520,738 \$	1,4967 1,4967 4,4250 0 1,44260	52.98 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000 8.000		:59,886 493,862 545,780 1,399,530
292,563	1,808	,	2,062,183	\$2,971,786 \$6,041 \$207,822 \$0 \$13,800 \$,057,683 \$	\$8,957,132	2,971,786 \$	\$2,950 1,490 \$4,460 \$4,460	52 86 82 82 82 82 82 82 82 82 82 82 82 82 82	271.236 57.1386 38.773 Gen 71.3	1,76,662
205,962	1,938		2,718,109	\$3,916,449 \$6,175 \$555,566 \$9,762 7,183,832 \$	\$11,769,784	3,918,448 \$	2,965 \$2,955 1,4983 \$4,4518 \$4,4518	\$2.98 \$1.50 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00	23(5) 44. 143(5) 44.	2,503,208
875,541	5.53 7.78 7.95.5		3,275,156	S4,705,922 86,223 \$2,789,683 08 \$41,287 6,841,587 \$	\$14,394,558	4.706,932 \$	\$3,0260 1,4963 \$4,5223 0 \$4,5223	25 25 25 25 25 25 25 25 25 25 25 25 25 2	307,681 7878,787 777,4190	2397,677
1,164,905	1,908	,	2,929,061	\$4,214,646 \$6,086 \$3,626,237 \$0 \$64,948 5,016,231 \$	\$12,917,118	4,214,646 \$	\$3,0392 1,4933 \$4,5335 0 \$4,5355	88.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00	256,465 276,463 277 977	1,762,220
1.158,591	1,928	'	1,890,855	\$2,732,004 \$3,612 \$3,612 \$0 \$154,667 \$ \$2,068,983 \$	\$8,320,232	\$24,703,397 0,2245 1,4965 \$ 2,732,004 \$	3,000 53,000 53,000 54,000 54,000 54,000 54,000 54,000 54,000	55 55 55 55 55 55 55 55 55 55 55 55 55	23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	723,505

Aug-22 397,139 27,879 395,019 5,056 403,075		168,888 493,862 648,780 1,308,530	1,908	402,137		\$0.0160 \$0.0160	\$0.0178	6,023,948 2,275,461 16,508,897	(1,170,527) 1,379,117 (3,003,351)	18,503,548
362,786 49,105 411,891 5,272 417,163		188,888 493,862 648,780 1,309,530	1,938	419,397		\$0.0159	\$0.0478	5,208,280 2,254,940 14,231,446 S	(1,554,385) 1,355,688 (4,382,488)	9,848,979
Jun-22 379,618 18,546 396,164 5,071 401,235 405,247	1	168,888 493,862 646,780 1,309,530	1,538	403,309		\$0,0157 \$0,0315	\$0.8697 \$0.0178	4,392,812 2,250,327 \$ 11,976,508 \$	(2,158,251) 1,351,796 (5,749,166)	8.227.340
May-22 556,437 24,832 590,318 7,565 597,874 603,853		168,838 493,862 848,780 1,309,530	1,938	801,915		\$2,0155	\$0.0078 \$0.0078	3,576,844 2,205,176 9,746,179 5	(2,652,113) 1,338,384 (7,100,962)	2645217
Apr.22 1,016,942 1,016,942 1,036,722 13,057 1,048,979 1,058,469		168,848 493,462 646,780 1,309,530	1,938	1,057,531		\$2,00156	\$0.0178	2.761,275 2.218,021 \$ 7.538,004 \$	(3.145,975) 1.344,345 (8.459,346)	(BO) 343)
Mar-22 1,987,906 38,067 2,022,973 25,894 2,048,867 2,069,396	211,295 578,173 980,213 1,767,682		1,938	2,067,417		\$0,0175	\$0.0078	1,345,607 (3,258,010) \$ 5,319,683 \$	43.639,838) (1.582,743) (9.783,691)	(4.463.708)
Feb-22 2,619,990 46,673 2,666,539 34,133 2,700,792 2,727,800	249.144 806.642 1,463.423 2,509.209		1,938	2,725,882		\$0.0178	50,8697 \$0,0178	3,137,116 [4,655,424] \$ 8,577,983 \$	(3,063,665) (2,228,840) (6,190,948)	387,044
Jan-22 3,146,592 86,585 3,213,177 41,129 3,284,305 3,286,849	301,551 921,875 1,174,140 2,397,677	* * 1	1,938	3,284,911		\$0,0160 \$0,0315	50,2697 \$0,0178	4,839,685 (4,035,365) \$ 13,233,416 \$	(2,257,024) (2,548,388) (5,861,109)	7272338
Dac.21 2818,995 B4,830 2,873,825 36,785 2,570,510 2,679,716	256,453 788,230 737,527 1,762,220	• • •	1,938	2,937,778		50.0173 50.0315	\$0.0078 \$0.0178	6,315,484 (2,717,922) \$ 17,268,781 \$	[1,335,148] [2,123,657] [3,412,720]	13,856,061
Nov-21 1,826,725 28,535 1,855,260 25,747 1,897,007	163,650 384,115 182,161 729,926		1,938	1,695,858		\$0.0164 \$0.0735	\$0.8597 \$0.0176	7,309,474 (945,570) \$ 19,986,703 \$	(566,918) (1,061,829) (1,288,053)	18,697,640
00x-21 976.448 14.668 923,115 12,712 1,005,827 1,015,888		168,888 493,862 545,780 1,309,530	1,538	1.013,947		\$2.0160 \$7.0315	\$0.000 80.0178	7,655,286 2,272,169 \$ 20,652,273 \$ \$2,7344	(142,803) 1,377,130 (227,235) \$2,7844	20,705,038
Sep-21 431,248 33,474 464,722 5,948 470,570 476,377		169,883 493,862 646,780 1,309,530	1,928	473,438		\$0,0158 \$10,0315	\$0,8697	6,839,816 2250,017 \$ 18,660,104 \$	(976,665) 1,363,718 (1,504,365)	17058740
Aup.21 366,841 27,879 394,720 5,662 399,772 403,770	*	188,888 493,862 646,790 1,308,530	1,938	401,832	<u>.</u>	\$0,0158 \$10,0315	\$0.8697 \$0.0178	6,023,948 2248,376 \$ 16,410,087 \$	(1,570,527) 1,392,724 (2,988,082)	1342,005
Jul-21 362,433 49,105 411,593 5,263 415,361 421,030		168,888 493,862 646,780 1,308,530	1,935	419,091		\$0.0157	\$0.0697	5,208,280 2,230,327 \$ 14,581,711 \$	(1,864,389) 1,351,796 (4,330,807]	3,830,504
Jun-21 376,312 18,546 395,656 5,067 400,925 404,934		163,888 493,892 646,790 1,309,530	1,938	402,398		\$0.0156 \$0.035	\$0,0178	4,382,612 2,205,714 \$ f1,931,334 \$	[2,168,251] 1,336,894 (5,682,603)	62/8781
Mar-21 564,906 24,882 255,788 7,549 567,337 603,310		163,888 493,862 646,780 1,309,530	1.938	601,372		\$0.0154 \$0.0154	\$0.0178	3,676,844 2,163,563 9,725,568	(2,652,113) 1,323,482 (7,019,496)	2705.173
Apr.21 1,015,810 19,781 1,034,581 1,034,834 1,047,834		168,888 493,862 648,780 1,399,530	1,908	1,056,374		\$0.0155 \$11.035	\$0.007	2781,275 2198,330 \$ 7,542,107 \$	(2,145,975) 1,332,425 (8,342,578)	(2.05 (0.05)
Mar-21 1,985,567 2,020,534 2,030,534 2,048,498 2,086,963	211,296 578,173 980,213 1,787,682	*	1,928	2,065,025		50.0173 STLC315	\$0.0178	1,945,607 [3,272,531] \$ 5,343,776 \$	[5,659,838] (1,674,694] [9,675,401]	(4.331.625)
Feb-21 2,616,820 48,679 2,863,499 34,093 2,897,592 2,724,593	249,144 806,642 1,453,425 2,609,208	1.1.4	1,938	2,722.630		50.0177	\$0.0078 \$0.0178	3,137,116 [4,676,245] \$ 8,616,357 \$	(3,063,695) (2,204,672) (9,100,707)	515.650
Jan-21 3,142,780 66,585 3,209,365 41,080 3,250,445 3,282,349	301,581 921,876 1,174,140 2,397,877	* * *	1,938	3,281,011		\$0.0178	\$0.0178	4,839,683 (4,053,412) \$ 13,292,602 \$	(2,257,024) (2,519,511) (5,596,135)	7398.467
Dec-20 2,415,522 54,830 2,870,351 38,740 2,937,091 2,938,162	255,463 788,220 737,527 1,792,220		1,938	2.834,224		\$0.0172 \$0.0172	\$0.0178	8,315,484 (2,730,078) \$ 17,348,014 \$	(1,335,148) (2,099,593) (3,376,623)	720 COS 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Nov-20 1,825,461 28,535 1,882,965 23,718 1,876,714 1,885,481	163,650 394,115 182,161 729,906		1,938	1,856,543		\$0.0164 \$0.0315	\$0.0178	7,308,474 (949,798) \$ 20,076,092 \$	(1,049,795) (1,277,031)	16,725,051
004:20 977.314 14.695 981.380 12.897 1,004.324		168,888 493,862 646,700 1,339,530	1.938	1,012,785		\$0.0159 \$1.0315	\$0.0178	7.855,285 2.254,785 \$ 21.025,891 \$ \$2,7488	(142,803) 1,372,669 (227,235) \$27,330	20,798,656
						Ì		10 to		

1,711,667 - 1,958 - (1,302,530)	404,075	\$563.692 \$6,382 \$4,726.998 \$0 \$142.503 (3,694,587)	\$1,772.917		663,652	3,028 53,0965 1,4911 54,5776 0 \$4,5776	53.03 51.46 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00		168,888 493,882 646,780 1,309,530
722.827,1 929,1 , , , , , , , , , , , , , , , , , , ,	421,335	\$551,916 \$5,333 \$4,730,116 \$1 \$143,317 (3,621,538) \$	51,809,045		\$ 316,133	\$3.052; 1.491; \$4.5432 0 \$4.5432	\$2.59 \$0.00 \$0.00 \$0.07 \$0.07 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		158,888 493,862 646,720 1,373,530
1,712,839 1,938 (1,308,530)	405.247	\$569,736 \$5,275 \$4,634,418 \$0 \$142,539 \$(3,582,123) \$	\$1,769,BB4		569,736 \$	\$3,0284 1,4811 \$4,5704 0 0 \$4,5204	\$2.38 \$1.49 \$0.00 \$0.00 \$0.07 \$2.22 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		168,688 493,862 545,780 1,309,530
1,911,445 1,938 (1,308,530)	603,853	\$543.658 \$5,223 \$6,119.874 \$0 \$151.926 (3,546,559) \$	52,579,131		848.669 \$	2985 \$233;4 1,4811 \$4,422 0 \$4,4225	25 25 25 25 25 25 25 25 25 25 25 25 25 2		165,888 453,862 646,780 1,309,530
1,938 1,938 (1,208,530)	1,059,469	\$1,520,528 \$5,248 \$6,246,928 \$173,417 (3,562,388)	\$4,305,654		1,520,529 \$	\$2,8822 1,4811 \$4,3732 0 \$4,3732	22 22 22 23 24 25 25 25 25 25 25 25 25 25 25 25 25 25		168,689 486,862 646,780 1,308,530
259,736 - 1,938 1,767,682	2,069,356	\$2.971,946 \$5,862 \$902,343 \$0 \$14,138 4,660,753	\$8,745,041		2.971,945 \$	\$2,858 1,491 \$4,348 6,4,348	\$2.85 \$1.45 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	211.296 576.779 990.773 1,797.992	l
215,654 1,838 2,509,208	2727,800	\$5,917,008 \$5,979 \$465,302 \$10,219 \$10,219 \$10,219	\$11,483,771		3,917,008 \$	2.881 \$2.8375 1.4911 \$4.3286 0 \$4,3286	\$7.45 \$7.49 \$0.00 \$0.00 \$0.01 \$0.17 \$0.02 \$0.00 \$0.01 \$0.07	256314 15522 259326	
1,908 1,908 2,397,677	3,286,849	\$4,705,673 \$6,029 \$2,747,731 \$0 \$41,849 \$,583,763 \$	\$14,086,035		4,706,673 \$	\$29190 1.4911 \$4.4101 \$4.4101	85 85 85 85 85 85 85 85 85 85 85 85 85 8	20 (86) 20 136 21 174 (10) 2 28 (0)	
1,775,568	2,939,716	\$4.215.576 \$5.812 \$3.502.223 \$0 \$65.448 4,841.579 \$	\$12,628,645		4,215,576 \$	\$2,9288 1,4911 \$4,4179 0 \$4,4179	25 25 25 25 25 25 25 25 25 25 25 25 25 2	226.463 778.230 778.230 7.178.230	
1,165,932	1,897,797	\$2,722,699 \$5,521 \$3,300,692 \$0 \$1,394 \$1,394 \$1,007,399	\$8,104,195	\$24,703.397 0.2235 1,4911	2,732.588 \$	2416 \$2.8853 1.4811 \$4.3854 0 \$4.3854	25.25 26.26 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27 26.27	183.8% 394.116 182.04 783.03	
2,323,478 - 1,308 - [1,309,530)	1,015,868	\$1,453,906 \$5,374 \$6,476,806 \$171,361 (3,849,233) \$	\$4,387,148		1,463,905 5	\$2,8538 1,4928 84,4454 0 54,4454	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		163,888 453,882 646,780 1,309,530
1,782,999	475,377	\$ \$551,256 \$5,322 \$4,867,206 \$0 \$145,888 (3,613,736)	\$2,025,915		651,256 \$	\$3.0226 1.4028 34.5154 0 \$4.5154	\$2.99 \$1.48 \$0.00 \$0.00 \$0.01 \$4.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		168,888 453,862 645,780 1,338,530
1,982	403,770	\$553,857 \$5,318 \$4,598,290 \$0 \$1,42,489 \$1,42,489	\$1,758,853		553,857 \$	2.092 \$1,5456 \$1,5456 \$1,5456	\$2.99 \$2.00 \$2.00 \$2.01 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00 \$2.00		168,388 493,362 646,730 1,309,530
1,728,622	427,030	\$552,109 \$6,275 \$4,677,120 \$0 \$143,305 (3,582,123) \$	\$1,795,684		552,109 \$	\$3.0214 1.4928 \$4.5142 \$4.5142	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		168,688 463,852 646,780 1,309,533
1,712,526 1,938 1,309,530)	404,934	\$689.907 \$4,281.894 \$0 \$142.544 (3,642,608) \$	\$1,758,984		\$ 755,268	\$2,9987 1,4928 52,4915 0 52,4915	25 25 25 25 25 25 25 25 25 25 25 25 25 2		168,628 493,852 646,780 1,308,530
1,910,902 - 1,938 - (1,308,530)	603,510	\$848.857 \$51.655 \$51.050,756 \$0 \$151.501 (3,507,044) \$	\$7,559,636		848.857 \$	2.354 \$2.3007 1.4328 \$4.3655 0 \$4.3555	### ### ### ### ### ### #### #### ######		168,888 493,862 646,780 1,309,530
2,365,904 - 1,838 - (1,308,830)	1,068,312	s (ear,000,6) 56,300,60; 56,706,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,60; 56,703,6	\$4,477,008		1,520,598 \$	\$2,8978 1,4928 \$4,3504 0 \$4,3504	22.8 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.0		155,888 433,862 645,780 1,309,530
297,343	2,095,963	\$ 5.810 \$ 5.810 \$ 8887,066 \$ 80 \$ 814,025 \$ 4,847,275	\$8.728,069		2,971,892 \$	\$2.8477 1.4928 \$4.3405 \$4.3405	22 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	21,726 21,726 21,017 21,017 1,747 1,747	l
2,508,208	2724,558	\$3,916,821 \$6,926 \$6,9,531 \$0 \$10,057 \$,880,817	\$11,463,212		3,916,621 \$	2.843 \$2.8533 1.4928 \$4.3251 0	52.84 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50 50.00 50 50 50 50 50 50 50 50 50 50 50 50 5	286.14 005.642 1.453.423	
883,334 1,938 2,387,677	3,282,549	\$4,706,428 \$6,877 \$2,711,684 \$0 \$41,695 6,672,923	\$14,038,855		4,705,428 \$	900+75 900+75 97871 87875	\$2.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	371.881 321.887 11.741.140 2.897.677	
1,172,004	2,908,162	\$4,215,286 \$5,773 \$3,474,045 \$0 \$55,281 4,629,670 \$	\$12,580,036		4.215,268 \$	\$25142 1.4828 54.4070 5.4.4070	22.90 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	255 453 275 250 275 771	
715,63,617 - 809,1 909,857	1,895,481	\$2,732,470 \$5,494 \$3,280,647 \$0 \$54,886 1,980,585 \$	\$8,073,082	\$24,703,397 0,2238 1,4628	2,732,470 \$	2,904 \$2,8622 1,492 \$4,3749 0 \$4,3749	\$2.90 \$1.45 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	ाद हर 9.87.115 11.2021	
1,309,500)	1,014,724	\$1,463,903 \$5,337 \$6,381,590 \$0 \$171,335 (3,637,444) \$	\$4,384,701		1,463,903 5	22,845 1,666 84,4389 0	\$228 \$1.46 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$	ŀ	168,286 493,862 648,780 1,309,530
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					6,839,616	(1,808,785)
					6,839,616 - \$ 19,016,197 \$ \$2,7803	(676,885) (1,806,785) 52,7334
Sep.23 39.164 39.474 485.115 5.653 471.068	188,888 483,862 483,862 646,760 (309,630	1,938	473,840	80,0163 80,0515 80,897 80,0178	6,839.616 2,314.011 \$ 19,016,197 \$	(676,685) 1,402,484 (1,806,765) f(7,409,422)
Aug-23 27,439 27,879 386,019 5,058 400,075 404,075	168.888 483.862 646.783 1,308.530	1,936	402.137	\$0.0163 \$0.0015 \$0.8097 \$0.0178	6,023,948 2,309,908 16,702,187 \$	2.1625) (1.8625) (1.17027) (67655) (1.7027) (67655) (1.7027) (67655) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027) (1.7027)
Jul-23 362,768 49,105 411,81 5,272 417,163 421,335	163,689 463,862 646,789 1,306,530	1.938	419.397	\$0.0151 \$0.0315 \$0.8537 \$0.0178	5,208,280 2,286,995 54,392,278 \$	(1,884,289) 1,388,071 (4,408,209)
Jun-23 379.024 16,546 386.470 5.075 401,545 405.581	169,888 443,862 645,780 1,303,530	\$200.3	403,672	\$0.0158 \$0.0316 \$0.8037 \$0.0178	4.392,812 2.260,683 \$ 12.105,342 \$	(2.158.251) 1.370,776 (5.756.281)
May-23 565-567 24,882 590,829 7,563 598,412 604,396	186,222 493,245, 646,730 1,309,530	1,938	602,457	\$0.0157 \$0.0315 \$0.0315 \$0.0178	3,576,944 2,237,711 \$ 9,844,659 \$	(2,652,113) 1,356,267 (7,165,456) (2,573,205)
Apr.23 1,018,073 18,781 1,036,354 1,050,126 1,050,126	168, 895 483, 892 646,730 6,300,430	1,368	1,058,589	\$0,0159 \$0,0315 \$0,03897 \$0,0178	2,761,275 2,247,558 7,606,948 \$	(3,145,975) 1,362,228 (8,521,723)
Mer.23 1,580,245 2,0057 2,005,372 2,001,328 2,071,748	211,236 576,173 560,213 1,767,682	1,339	2,069,810	\$0.0177 \$0.0315 \$0.8937 \$0.0178	1,945,607 (3,282.144) \$ 5,359,392 \$	2.257 (24) (3.050.855) (3.05.855) (3.16.975) (2.257.254) (1.050.855) (3.05.275) (3.05.275) (3.05.275) (3.05.275) (3.05.275) (3.05.275) (3.05.275) (3.05.275) (3.05.275) (3.05.275) (3.05.275)
Feb 23 2623.140 48,6379 2,689.620 34,174 2,703,694 2,703,694	249,144 205,642 1,453,423 2,509,208	1.838	2,729,085		3,137,116 (4,639,910) \$ 8,641,536 \$	(3.063,685) (2.363,234) (8.274,488)
Jun-23 3.15/3.405 68,7405 3.216,580 41,177 3.258,187 3.259,749	301,681 921,876 1,374,140 2,397,677	1,938	3.288,811	\$0.0/42 \$0.0315 \$0.0315 \$0.0316	4,809,883 (4,095,257) \$ 13,331,446 \$	(2,257,024) (2,575,124) (6,021,284)
Dec.22 2,822,470 94,830 2,87,330 3,8,730 3,8,730 2,24,129 2,843,270	258.465 788.250 737.521 1,792.220	1,938	2,941,332	\$0.0175 \$0.0315 \$0.8837 \$0.0178	6,315,484 (2,738,055) \$ 17,386,703 \$	(1,335,148) (2,145,567) (3,446,140)
Nov-22 1,530,988 26,535 1,857,522 23,778 1,581,299 1,900,112	165,850 384,115 182,181 729,926	1,938	1.838,174	\$0.015 \$0.035 \$0.035 \$0.0178	7,308,474 (942,575) \$ 20,134,758 \$	[
04-22 973.585 14.666 994.251 12.726 1,000.977	169,888 459,862 646,730 1,309,550	1,538	1,015,108	\$0.015 \$0.035 \$0.035 \$0.0778	7,855,285 2,302,525 21,087,333 \$2,7546	1195,503) (1955,181 1.395,509 (1,075,1988) 17,300,101 18,254,509 18,504,509
5,000-22 431,64 38,474 455,115 5,663 471,068 475,778	005,806.; 067,846 288,614 888,881	1,908	473,540	\$0,0160 \$0,0315 \$0,0315 \$0,0178	6,839,616 \$ 2,277,912 \$ 16,784,608 \$	(876,966) 1,380,607 (247,272,1)

1,256.270 1,506.250) 1,506.250)	21.784.48	201.345	1,5631		(4) (2) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
E. 6.1	c/r	6		V 8000 NO 00 NO	
1,711,867 1,838 (1,309,530) 404,076	\$587.894 \$5.659.247 \$4.799.247 \$1.42,503 \$1.874,218	587,854	1,437 \$3,1288 1,6838 \$4,7131 0	5 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	888.811 888.810 846.7348
1,228,927 1,938 (1,309,530) 421,335	\$586,038 \$5,409 \$4,797,938 \$0 \$143,317 \$3,873,008 \$1,859,694	\$ 566,038 \$	53,0922 1,6833 14,6736 0 54,6736	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	168,838 736,739 786,739
1,713,153 1,938 (1,309,530) 405,561	\$ 8205,448 \$ 5,947 \$4,689,022 \$0 \$1,42,573 \$1,821,532	605,448 \$	\$1.0873 1.8833 \$4.8805 0 \$4.8905	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	165.888 465.887 645.789
1,911,568 1,538 (1,309,530) 604,366	\$500,3801 \$5,726 \$4,190,550 \$151,952 (3,593,678) \$	\$ 196,108	3.033 \$2.5555 1.5573 \$4.3516 0	15 C C C C C C C C C C C C C C C C C C C	162,588 462,187 443,187
2,366,219 1,938 (1,309,530) 1,060,627	\$1,616.340 \$6,316 \$1,457.667 \$0 \$173.471 (3,643,041	1,616,340 \$	\$2,9191 1,5833 \$4,5024 0 \$4,5024	52.38 51.28 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	08/594 986/694
902.128 1,938 1,767.862 - - 2,071,749	\$3,159,414 \$5,336 \$22,033 \$21,033 \$14,251 \$4,561,597 \$6,532,281	3,159,414 \$	\$2,8900 1,5833 \$4,533 54,4633	52.88 50.19 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50 50.00 50 50 50 50 50 50 50 50 50 50 50 50 5	21,286 576,173 860,213 1,767,682
2,509,000 2,509,200 2,509,004	54,154,213 \$5,052 \$50,555 \$50,505 \$50,372 \$11,807,417	4,164,213 \$	2.878 \$2.8628 1.5833 \$4.4461 0	27.88 51.33 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00 51.00	246,144 260,642 1,450,238
891,134 1,938 2,397,677 3,290,749	\$5,003,728 \$6,105 \$2,734,786 \$1,203 \$14,032 \$14,487,023	5,003,738 \$	\$2,9479 1,5836 \$4,5311 0	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	301.681 301.681 1134.102 2.381.677
1,179,112 1,938 1,782,220 1,782,220	\$4,431,740 \$5,888 \$3,553,003 \$0 \$55,616 4,883,992 \$	4.481,740 \$	\$29574 1,5833 \$4,5407 0 \$4,5407	25.88 59.08 80.00 80.00 80.01 80.28 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00	258. 453 1783. 127 1787. 127 1. 1927. 200
1,168,249 1,839 7,89,838 -	\$2,805.244 \$5,838 \$3,354.808 \$0 \$65,104 \$2,025,543 \$8,345,291	\$24,705,397 0,2372 1,5833 2,905,244	2,847 \$2,9292 1,5833 \$4,5125 0	25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00 25.00	163.850 394.115 182.161 722.936
2,324,639 1,538 1,309,530) 1,017,047	\$1,485,908 \$5,446 \$5,495,320 \$171,416 [3,688,034] \$ \$4,438,255	1,463,908 \$	\$2,3815 1,4911 \$4,428 0	55.66 51.46 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50 50 50 50 50 50 50 50 50 50 50 50 5	156.288 4.83.869. 643.789.
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Public Authority 972,670 953,107 953,107 972,670 963,107 972,670 963,107 972,670 963,107 972,670 963,107

JULY 31, 2016 JUNE 30, 2017

Month 2016 JULY 2017 JUNE

Year 30

Dav 7 6 Marth 7731/2016 6730/2017 4730/2018 3/31/2018

First Month of Reference Period Last Day of Reference Period Beginning of Test Period End of Test Period

### ATMOS ENERGY CORPORATION - KENTUCKY SUMMARY OF RATES TEST YEAR ENDING MAR, 31 2019

	Line No.	Billing Component		olicable ariffs		Current Rate	F	Proposed Rate		
		(a)		(b)		(c)		(d)		(e)
	1	CUSTOMER CHARGES, \$/month								
	2	Firm Services - Residential		G-1		\$19.49		\$19.45		
	3	Firm Services - Non-Residential		G-1		51.98		50.75		
	4	Interruptible Sales		G-2		396.49		400.00		
	5	Firm Transportation		T-4		396.43		400.00		
	6 7	Interruptible Transportation		T-3		395.37		400.00		ů.
	8	DISTRIBUTION CHARGES, \$/Mcf								
	9	Firm Sales		G-1						
	10	1-300 Mcf			\$	1.4483	\$	1.5700		
	11	301-15000 Mcf			Ψ	0.8969	Ψ	0.9950		
	12	Over 15000				0.6987		0.7800		
	13	Firm Transportation		T-4						
	14	1-300 Mcf			\$	1.6331	\$	1.5700		
	15	301-15000 Mcf			Ψ	1.0113	Ψ	0.9950		
	16	Over 15000				0.7878		0.7800		
	17	Interruptible Sales		G-2		0.1010		0.1000		
	18	1-15000 Mcf		O L	\$	0.8771	\$	0.9350		
	19	Over 15000			Ψ	0.6967	Ψ	0.7059		
	20	Interruptible Transportation		T-3		0.0001		017 000		
	21	1-15000 Mcf			\$	0.9003	\$	0.9350		
	22	Over 15000			*	0.7142	*	0.7059		
	23									
	24	OTHER CHARGES								
	25	Transp. Adm. Fee, \$/Mcf	T-2,	T-3, T-4	\$	50.00	\$	50.00		
	26	Parking, \$/Mcf	T-	4, T-3		0.10		0.10		
	27	-								
	28			Curre	nt Ra	ate		Propose	ed Ra	ate
	29		No	rm Hrs		After Hrs	N	lorm Hrs	Α	fter Hrs
,	30	SERVICE CHARGES	,							
	31	Meter Set	\$	34.00	\$	44.00	\$	34.00	\$	44.00
	32	Turn On		23.00		28.00		23.00		28.00
	33	Read		12.00		14.00		12.00		14.00
	34	Reconnect Delinquent Service		39.00		47.00		39.00		47.00
	35	Seasonal Charge		65.00		73.00		65.00		73.00
	36	Special Meter Reading Charge		-		N/A		-		N/A
	37	Meter Test Charge		20.00		N/A		20.00		N/A
	38	Returned Check Charge		25.00		N/A		25.00		N/A
	39	Class 1 EFM Equipment Charge		75.00		N/A		75.00		N/A
	40	Class 2 EFM Equipment Charge		175.00		N/A		175.00		N/A
	41	Late Payment Charge		5.0%		5.0%		5.0%		5.0%

		Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Base Period	Jan-18	Feb-18	Mar-18	Apr-18	May-18
	OPERATING REVENUE																		
	Sales of Gas																		
4800	Residential	13,774,902	14,755,087	11,373,023	8,185,103	5,728,663	4,381,778	4,031,037	4,039,396	4,002,856	5,136,647	8,418,232	12,498,672	96,325,385	14,965,572	15,313,328	11,770,622	8,433,957	5,695,227
4811	Commercial	5,372,066	5,751,028	4,541,761	3,373,934	2,561,476	2,066,134	1,916,989	1,915,817	1,895,488	2,263,097	3,483,950	4,926,284	40,068,024	5,862,921	5,972,409	4,707,388	3,486,704	2,533,646
4812	Industrial	856,640	628,816	532,663	316,310	341,906	268,896	388,020	290,748	325,098	256,076	306,235	661,017	5,172,426	961,464	658,416	557,718	330,887	333,894
4820	Other - Public Authority	985,143	1,062,053	810,473	549,670	382,407	274,297	249,501	258,850	249,225	345,724	603,747	904,105	6,675,197	1,085,864	1,107,398	844,084	571,407	377,325
	Total Sales of Gas	20,988,752	22,196,984	17,257,920	12,425,017	9,014,442	6,991,104	6,585,548	6,504,811	6,472,667	8,001,545	12,812,164	18,990,079	148,241,032	22,875,822	23,051,551	17,879,812	12,822,955	8,940,092
	Other Operating Income																		
4870	Forfeited Discounts	150,373	179,082	191,876	148,790	107,705	77,142	59,820	55,150	55,296	54,704	68,925	111,273	1,260,136	163,056	194,932	199,215	154,099	111,115
4880	Misc. Service Revenues	58,133	54,439	74,821	49,919	53,628	55,397	45,327	57,173	55,395	88,176	126,545	87,101	806,054	58,133	54,439	74,821	49,919	53,628
4895-4896	Revenue From Transportation of Gas of Others	1,535,919	1,344,438	1,442,467	1,195,033	1,220,351	1,171,129	1,038,522	1,134,184	1,145,166	1,227,615	1,345,878	1,517,014	15,317,716	1,535,919	1,344,438	1,442,467	1,195,033	1,220,351
4950	Other Gas Revenue (Special Contracts)	221,620	186,431	197,461	174,354	170,149	148,830	182,993	180,509	183,337	198,387	196,668	229,832	2,270,571	221,620	186,431	197,461	174,354	170,149
	Total Other Operating Income	1,966,044	1,764,389	1,906,625	1,568,095	1,551,833	1,452,499	1,326,662	1,427,017	1,439,194	1,568,882	1,738,017	1,945,220	19,654,477	1,978,727	1,780,239	1,913,964	1,573,404	1,555,242
	Total Revenue	22,954,797	23,961,374	19,164,545	13,993,112	10,566,275	8,443,603	7,912,210	7,931,827	7,911,861	9,570,426	14,550,181	20,935,299	167,895,509	24,854,549	24,831,790	19,793,775	14,396,359	10,495,334
	Purchased Gas Costs	12,594,803	13,647,832	9,912,060	6,311,309	3,812,686	2,308,856	2,049,742	1,952,678	1,979,941	3,180,899	6,763,241	11,476,716	75,990,762	14,470,752	14,491,068	10,524,210	6,700,953	3,731,375
	Gross Profit	10,359,993	10,313,542	9,252,485	7,681,803	6,753,589	6,134,747	5,862,468	5,979,150	5,931,920	6,389,528	7,786,940	9,458,583	91,904,748	10,383,797	10,340,722	9,269,565	7,695,406	6,763,960
	Storage Selance							9,050,756	13,028,689	16,993,977	20,994,696	18,901,909	13,878,112		7,064.990	(36,533)	(5,040,825)	(1,178,144)	2,639,752

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 \$5,979,150
 \$5,931,920
 \$6,389,528
 \$7,786,940
 \$9,458,583

 527,039
 1,807,790
 3,526,663
 3,994,270
 2,593,782
 (189,018)

 38,727,34
 82,529,84
 91,645,31
 715,343,03
 109,571,73
 111,985,67
 86,510,47

Bad Debt Calculation based on Revenues Bad Debt Calculation based on Margin |||Eliminate

Summary of Revenue

Page 3

92,420,332	#REF!	#REF
92,317,625	#REF	#REF
92,220,608	#REF!	開
92,132,424	#REF!	兼研
72,442,499	5,170,595	729,226.57
10,394,155	(1,115,302)	86,441.60
9,468,193	882,914	111,723.41
7,794,288	2,599,867	109,028.16
6,395,765	3,072,428	91,216.22
5,937,667	1,856,620	62,285,08
5,984,675	411,090	38, 183, 15
5,867,829	69,838	30,433,22
6,140,580	(155,885)	30,765.00
6,763,960	(896,130)	30,564.23

7,695,406 (1,554,846) 33,095,17

(4,158,777)

906,008

8,061,738

18,124,720 22,008,475 19,939,491 14,923,261

14,265,991

10,375,650

6,490,578

97,654,170 40,039,422 5,106,456 6,682,503 149,482,551

97,358,992 39,977,389 5,090,916 6,670,798 149,098,095

97,395,862 40,075,001 5,106,468 6,690,582 149,267,913

98,163,836 40,623,222 5,189,632 6,779,945 150,656,635

98,559,284 40,875,049 5,276,209 6,845,501 151,556,043

94,506,613 39,205,324 5,026,006 6,501,718 145,239,661

98,329,796 40,704,257 5,244,107 6,811,261 151,089,421

11,756,195 4,691,302 555,129 840,821 17,843,448

15,290,777 5,950,910 655,333 1,102,996 23,000,016

5,824,634 953,101 1,078,009 22,758,733

12,450,259 4,895,283 655,224 897,703 18,898,468

8,393,215 3,464,093 303,608 599,708 12,760,624

5,080,150 2,219,035 246,430 337,446 7,883,061

3,979,147 1,863,580 311,095 243,917 6,397,739

4,015,956 1,883,675 278,560 253,369 6,431,560

3,996,722 1,873,718 365,219 242,406 6,478,065

4,335,203 2,017,676 265,627 266,155 6,874,661

Feb-19

Jan-19

Dec-18

Nov-18

Oct-13

Sep-18

Aug-18

개-18

Jun-18

1,284,276 806,054 15,317,716 2,270,571 19,678,617 169,161,168

1,281,081 806,054 15,317,716 2,270,571 19,675,422 168,773,518

1,282,536 806,054 15,317,716 2,270,571 19,676,877 168,944,790

1,294,636 806,054 15,317,716 2,270,571 19,688,977 170,346,611

1,301,922 806,054 15,317,716 2,270,571 19,896,283 171,252,308

1,244,431 806,054 15,317,716 2,270,571 19,538,772 164,878,432

1,297,815 806,054 15,317,716 2,270,571 19,692,156 170,781,577

198,784 74,821 1,442,467 197,461 1,913,533 19,766,981

193,965 54,439 1,344,438 186,431 1,779,273 24,779,288

162,293 58,133 1,535,919 221,620 1,977,964 24,736,697

110,838 87,101 1,517,014 229,832 1,944,785 20,843,253

67,957 126,545 1,345,878 196,668 1,737,048 14,497,673

54,162 88,176 1,227,615 198,387 1,568,340 9,451,401

54,752 55,385 1,145,166 183,337 1,438,650 7,836,389

54,397 57,173 1,134,184 180,509 1,426,263 7,867,823

58,902 45,327 1,038,522 182,993 1,325,744 7,803,809

76,563 55,397 1,171,129 148,830 1,451,909 8,326,570 2,186,010

76,768,102

76,481,534

78,749,217 92,195,573

78,235,802 92,109,809

79,233,074 92,019,232

73,014,555 91,863,878

78,709,117 92,072,460

10,478,128 9,278,853

14,342,542

11,375,060 9,468,193

6,703,385 7,794,288

3,055,635 6,395,765

1,898,722 5,937,667

1,873,148

1,935,980

5,984,675

10,351,107 14,428,181

10,394,155

92,291,983

Storage 13-month avg

Summary of Revenue

	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Base Period	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
CUSTOMERS																			
Residential	158,882	159,583	159,839	157,294	159,280	156,889	154,747	155,612	153,210	153,525	154,816	158,190	156,822	159,162	159,883	160,139	157,594	159,580	157,189
Commercial	17,877	17,893	17,941	17,571	17,823	17,346	17,026	17,151	16,874	16,780	17,203	17,538	17.419	17,877	17,893	17,941	17,571	17,823	17,348
Industrial	231	226	222	203	222	214	192	216	201	196	212	204	212	231	226	222	203	222	214
Other - Public Authority	1,552	1,546	1.566	1,509	1,576	1,536	1,520	1,593	1.524	1,554	1,556	1,551	1,549	1,552	1.546	1.566	1,509	1.576	1,536
Total	178.542	179,248	179,568	176,577	178,901	175,985	173,485	174,572	171,809	172,055	173,787	177,483	176,001	178,842	179,548	179,868	176,877	179,201	176,285
MCF (Cycle Bill Month)	170,042	119,245	119,000	110,011	11.0'90.1	173,900	173,400	174,072	I i I lona	172,000	112,101	111,400	11.01001	110,042	178,040	11,5,000	110,011	119201	170,200
Residential	1,911,617	1,996,539	1,415,818	877,744	408,055	200,720	153,877	154,737	156,317	329,676	871,951	1,520,107	9,997,160	1,915,258	2,000,325	1,418,508	879,434	408,824	201,104
Commercial	807,568	835,526	625,113	425,722	256,879	177,329	158,348	159,554	158,391	218,738	418,788	653,875	4,895,832	807,568	835,526	625,113	425,722	256,879	177,329
Industrial	178,732	122,800	102,873	59,310	59,301	44,559	71,569	51,380	58,558	43,096	56,359	124,135	972,670	178,732	122,800	102,873	59,310	59,301	44,559
Other - Public Authority	165,659	171,037	126,779	81,989	46,989	29,795	25,965	27,212	26,354	41,100	85,198	135,030	963,107	165,659	171,037	128,779	81,989	46,989	29,795
Total	3.063.576	3,125,902	2,270,583	1,444,766	771,224	452,403	409,759	392,882	399,619	632,610	1,432,297	2,433,148	16,828,769	3,067,217	3,129,688	2,273,273	1,446,455	771,993	452,787
lotal	3,000,010	J, (20,002	2,210,000	1,444,100	1111464	402,400	400,100	عالابعاد	033,013	002,010	11-102,201	2,400,140	10,020,700	Olani is II	0,120,000	2,210,210	1,440,400	11 1,000	402,101
Transportation																			
Customers																			
Tariff	196	196	196	196	196	196	195	195	195	195	196	196	196	196	196	196	196	196	196
Contract	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14_
Total	210	210	210	210	210	210	209	209	209	209	210	210	209,55	210	210	210	210	210	210
Volume_(Mcf)																			
Tariff	1,585,511	1,364,535	1,484,413	1,201,208	1,232,899	1,182,731	1,023,710	1,137,645	1,145,245	1,240,411	1,366,873	1,653,733	15,518,914	1,585,511	1,364,535	1,484,413	1,201,208	1,232,899	1,182,731
Contract	1,361,393	1,137,558	1,208,822	1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	13,823,013	1,361,393	1,137,558	1,208,822	1,065,088	1,072,108	879,128
Total	2,946,904	2,502,093	2,693,235	2,266,295	2,305,008	2,061,859	2,159,723	2,254,109	2,260,971	2,426,216	2,567,885	2,897,630	29,341,927	2,946,904	2,502,093	2,693,235	2,266,295	2,305,008	2,061,859

Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Fiscal Years Mar-19 test period 2017 3978 2015 820							2022
201-10	Aug-16	26b-10	061-10	1404-10	D80-10	Jan-15	Len- 19	Mai-19	Contract of the Contract of th	12.47/61	29(69	240115		(A 46)	AURE)
155,047	155,912	153,510	153,825	155,116	158,490	159,482	160,183	160,439	157,197	156,747	157,047	157,347	157,647	157,947	158,247
17,026	17,151	16,874	16,780	17,203	17,538	17,877	17,893	17,941	17,419	17,419	17,419	17,419	17,419	17,419	17,419
192	216	201	196	212	204	231	226	222	212	212	212	212	212	212	212
1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	1,549	1,549	1,549	1,549	1,549	1,549	1,549
173,785	174,872	172,109	172,355	174,087	177,783	179,142	179,848	180,168	176,376	175,926	176,226	176,526	176,826	177,126	177,426
154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386	9,991,896	10,011,021	10,030,146	10,049,272	10,068,399	10,087,541
158,348	159,554	158,391	218,738	418,788	653,875	807,568	835,526	625,113	4,895,832	4,895,832	4,895,832	4,895,832	4,895,832	4,895,832	4,895,832
71,569	51,380	58,558	43,096	56,359	124,135	178,732	122,800	102,873	972,670	972,670	972,670	972,670	972,670	972,670	972,670
25,965	27,212	26,354	41,100	85,198	135,030	165,659	171,037	126,779	963,107	963,107	963,107	963,107	963,107	963,107	963,107
410,057	393,181	399,925	633,254	1,434,002	2,436,046	3,070,859	3,133,489	2,275,946	16,857,995	16,823,505	16,842,630	16,861,756	16,880,882	16,900,008	16,919,150
									63.78 281.07	63.75 261.07	63.75 281.07	63,75 281,07	63,75 281,07	63.75	63.75
									4,596.52	4,596.52	4,596.52	4,596.52	4,596,52	281.07 4,596,52	281.07 4,596.52
									621.93	621.93	621.93	621.93	621,93	621,93	621.93
									95.58	95.63	95.57	95.52	95.47	95.41	95.36
195	195 14	195 14	195 14	196 14	196	196	196 14	196 14	196 14	196 14	196	196 14	196	196	196
209	209	209	209	210	14 210	14 210	210	210	210	210	14 210	210	14 210	14 210	<u>14</u> 210
203	203	200	200	210	210	LIU	210	210	210	210	210	210	210	210	210
1,023,710	1,137,645	1,145,245	1,240,411	1,366,873	1,553,733	1,585,511	1,364,535	1,484,413	15,518,914	15,518,914	15,518,914	15,518,914	15,518,914	15,518,914	15,518,914
1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	1,361,393	1,137,558	1,208,822	13,823,013	13,823,013	13,823,013	13,823,013	13,823,013	13,823,013	13,623,013
2,159,723	2,254,109	2,260,971	2,426,216	2,567,885	2,897,630	2,946,904	2,502,093	2,693,235	29,341,927	29,341,927	29,341,927	29,341,927	29,341,927	29,341,927	29,341,927
										79,313	79,313	79,313	79,313	79,313	79,313
										995,655	995,655	995,655	995,655	995,655	995,655
										140,024	140,024	140,024	140,024	140,024	140,024

#### ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY DATA Reference Period - Twelve Months Ending 05/30/2017

Line No.	Class of Customers	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Number Of Bills	Mcf	Rate	Total Revenue
		(a)	(b)	(c)	(d)	(e)	<b>(f)</b>	(g)	(h)	(i)	(i)	(k)	(1)	(m)	(n)	(0)	(p)
1 2 3 4 5	RESIDENTIAL (Rate G-1) FIRM BILLS Sales: 1-300 Sales: 301-15000 Sales: Over 15000	54246 717.177 9	155.812 140.216 0	\$52,958 \$65,532 41 0	455, 225 491, 441 905 0	154646 406,614 145 0	12-403-080 12-403-080 2-9 0	1969-057 1969-057 2740 0	\$50,565 \$1,67,821 \$50 0	156 A06 7 896 44 <u>7</u> 797 0	187.2GE 187.27E 180.2	\$55 <u>2</u> 20 <b>307</b> 248 95 0	155,684 188,935 0	1,880,067	8,157,164 2,002 0	\$19.49 1.4483 0.8969 0.6987	\$36,642,506 11,814,021 1,796 0
6	CLASS TOTAL (Mcf/month)	170,127	140,916	165,573	192,346	405,260	1,413,308	1,939,311	1,422,158	1,037,179	766,770	307,282	198,936	1,880,067	8,159,166	0.0007	\$48,458,322
7 8 9 10 11 12 13	FIRM COMMERCIAL (Rate G-1) FIRM BILLS Sales: 1-300 Sales: 301-15000 Sales: Over 15000 CLASS TOTAL (Mct/month)	37, 524 339/579 24/665 V	17,149 116,780 22,349 1 139,129	16,872 151,911 25,373 9 177,284	16,776 154,466 55,054 2,055 211,576	15-205 196-057 5-551 1-2-056 202,292	545 971 55 034 601,706	\$7,874 77 588 129,603 6 887,213	43-8-90 57-7 M2-9 70-32-7 9- 648,007	496,218	352,150	47 519 476 719 24 313 6 200,532	143 538 122 538 153,062	208,991 208,991	3,719,669 504,034 0 4,223,703	51.98 1.4483 0.8969 0.6987	\$10,863,352 5,387,197 452,068 0 \$16,702,617
14 15 16 17 18 19	FIRM INDUSTRIAL (Rate G-1) FIRM BILLS Sales: 1-300 Sales: 301-45000 Sales: Over 15000	182 81059 141937 0	/ 14,0a7 0	10,600 18,6577 0	188 (9.141) 21(128) 0	296 45 919 17 824 0	73.321 41.271 0	<u>52</u> 52,5 <u>65</u> 76,709 0	200) 35 153 45 175 0	21,541 41,541 0	25.575 25.575 0	214 (14.95.1 24/858 0	203 10,345 17 503 0	2,416	241,494 358,823 0	\$51.98 1.4483 0.8969 0.6987	\$125,600 349,756 321,828 0
20	CLASS TOTAL (Mcf/month)	22,996	23,751	26,579	30,168	32,843	74,661	119,344	83,159	72,832	46,400	39,628	27,957	2,416	600,317		\$797,185
21 22 23 24 25 26	FIRM PUBLIC AUTHORITY (Rate G-1) FIRM BILLS Sales: 1-300 Sales: 301-15000 Sales: Over 15000	1.526 21.528 1 <u>.242</u> 0	3.538 20.883 9423 0	;(524 27,925 3,015 0	27 (H2Z) 3 202 0	(1255) 42 087 4 661 0	555 10.3 74-1 12.5 76- 0	199 765 52 769 0	\$546 \$05.099 21.264 0	84,539 84,539 84,714 0	150 150 040 111611 0	38,915 38,915 2,676 0	7,506 25,957 6,473 0	18,583	688,429 127,962 0	\$51.98 1.4483 0.8969 0.6987	\$965,944 997,052 114,769 0
27	CLASS TOTAL (Mcf/month)	22,770	22,306	30,940	30,263	47,268	125,481	169,584	126,273	99,254	75,300	39,523	27,430	18,583	816,392	w.v	\$2,077,766
28 29 30 31 32 33	INTERRUPTIBLE COMMERCIAL (G-2) INT BILLS Sales: 1-15000 Sales: Over 15000 CLASS TOTAL (Mcf/month)	<b>16</b> 0 16	5 <u>6</u>	56 0 56	51 0 51	502 0 502	0 1,612	24/7 0 2,477	1)847 0 1,947	3 5 506 0 1,506	1,435	4) 764 0 704	0 15	32 32	10,379 0 10,379	396.49 0.8771 0.6967	\$12,688 9,103 0 \$21,791
34 35 36 37 38 39	INTERRUPTIBLE INDUSTRIAL (G-2) INT BILLS Sales: 1-15000 Sales: Over 15000 CLASS TOTAL (Mct/month)	\$ 41 347 774 <u>42</u> 49,089	\$ 24.820 \$ 27,820	25,52 <u>47,95</u> 33,417	#4615 6 14,615	26,033	12.65 53,218	22.47 114,008	50,050 102,475 150,474	89,184 45,197 79,191	82 345 58 374 70,440	10 20 13 7 <u>2.458</u> 111,608	76.531 16,531	110	421,790 324,655 746,445	396.49 0.8771 0.6967	\$43,614 369,952 226,187 \$639,753
40 41 42 43 44 45	TRANSPORTATION (T-4) TRANSPORTATION BILLS Trans Admin Fee EFM Fee Parking Fee	90 (73) 50 (23) 25 (23)	(A \$6.66 \$6,275 \$155 \$8570	8.35 इ.27 संदर्भ	\$15 \$17 \$17 \$18 \$18	725 55 166 56 444 574	5 15 5 15 5 15	82 30 32 40 32 40 57 30	(2) E (6) E 22 Trop	1) of 16: 860 16: 42 c 15: 42 c	154 55-165 58-65 58-	12.5 \$56.100 \$66.475 \$176	\$5 982 \$5 455 \$196	1,485	400.000	396.43	\$588,699 73,050 76,450 2,532
46 47 48 49 50	Firm Transport: 1-300 Firm Transport: 301-15000 Firm Transport: Over 15000 CLASS TOTAL (Mct/month)	557,560 437,560	878.538 78.15 490,023	54,124 853,535 58,055 486,141	85 52 415,704 55 55 521,372	477, 256 610,294	75.256 571.46-3 147.725 756,411	752,725	637,000	36-556 594-965 542-586 684,469	35.363 291.331 75.363 502,442	368,781 1068 510,465	36, 90 376, 93 94,288 504,377	1,485	425,359 5,289,535 1,178,385 6,893,279	1.6331 1.0113 0.7878	694,654 5,349,307 928,332 \$7,713,022
51 52 53 54 55 56	ECONOMIC DEV RIDER (EDR) Firm Transport: 1-300 Firm Transport: 301-15000 Firm Transport: Over 15000 CLASS TOTAL (Mcf/month)	10,434 10,434	6 0 16,523 16,523	15,048 15,048	15,000 15,000	19 <i>,22</i> 16,271	14.213	25,293	18 IIS9 18,199	9 9 24 759 24,758	17, 495 17,435	9 (9,507 19,507	19 984 19,934		0 0 212,615 212,615	1.0862 0.6727 0.5240	\$0 0 111,416 \$111,416

57	TRANSPORTATION (T-3)															•	
58	TRANSPORTATION BILLS	72	72	72	72	72	72	72	73	₹3	73	75	72	869		395.37	\$343,577
59	Trans Admin Fee	\$8,600	\$5,600	\$8,696	# 67E	\$5,890	85,666	\$8,606	100	\$3.65	\$2,660	\$3,653	\$2500				43,450
60	EFM Fee	\$8,470 \$2,750	\$5608 \$67.0 \$2.00	\$87.58	#2 50% \$55,770 \$30,6	\$2,660 \$2,775 \$460	53,655 53,75	\$5775	52,875	\$345. \$285	\$2,875	\$5,000 \$2,875 \$200	\$6.875				45,725
61	Parking Fee	\$138	\$268	\$849	\$806	\$445	549.6	5253	\$25	\$287	\$344	278	2.536				3,773
62	Interrupt Transport: 1-15000	205 787	892,954	499,650	423,315	403,001	499,636	409,023	407.002	467,340	425,906	438,332	417,697		5,227,792	0.9003	4,706,581
63	Interrupt Transport: Over 15000	159,238	188 257	181777	222,098	227,754	5418 49558 24,997	270 786	215,801	202,266	198,017	204,975	227,598		2,598,044	0.7142	1,855,523
64	CLASS TOTAL (Mcf/month)	524,435	581,211	591,423	651,414	696,785	742,535	752,809	652,653	719,606	623,923	643,907	645,135	869	7,825,836		\$6,998,629
65																	
66	SPECIAL CONTRACTS																
67	TRANSPORTATION BILLS	10 mm	15	16	15		15	-135	94	94.	4.6	14	344	174		354.06	\$61,465
68	Trans Admin Fee	\$730	\$700	\$766 \$725	\$739	389	\$700	5729	3650	\$650	9666	9890	95650				8,150
69	EFM Fee	# 123 # 123 # 123	\$725	\$725	\$76 \$725 \$4369	\$10. \$605	5775 5775	5789 5675	500	9775	\$775	9892 9775	\$775				9,400
70	Parking / Pooling Fees	\$2,029	\$2,635	\$2,262	\$4,969	\$4,604	\$15735	96,226	\$6,212	\$7,403	\$8,223	\$4,727	\$4,258				69,484
71	Transported Volumes	1/157/089	\$7.0 \$7.5 \$2.6.16 7.36.509	1,107,004	1,211,365	11,193,259	335.249	1 362 820	1 109 356	10200,423	1 057 015	1.053,770	977.76		13,847,313	Various	
	Charges for Transport Volumes	\$112,536	\$171,672	\$111,576	9117.733	\$145,655	\$157,119	\$163.56	\$139,961	\$161,365	914 506	\$149771	\$100,065				1,641,126
73	CLASS TOTAL (Mcf/month)	1,157,069	1,136,909	1,137,334	1,211,366	1,193,259	1,336,249	1,352,820	1,129,306	1,200,429	1,057,015	1,063,770	871,787	174	13,847,313		\$1,789,625

#### ATMOS ENERGY CORPORATION - KENTUCKY SUMMARY OF REVENUE AT PRESENT RATES TEST YEAR ENDING MAR, 31 2019

Forward-looking Adjustments

				Reference Period -	Twelve Months	Ending 06/30/2017			ng Adjustrients est Year			
					Contract Adj.	Weather Adj.		Customer	Conservation	Total		
Line			Number	Volumes	Bills and	Volumes	Total	Growth	& Efficiency	Test Year	Present	Present
No.	Description	Block (Mcf)	of Bills, Units	As Metered	Volumes	(NOAA 1997-2017)	Volumes	Forecast	Adjustments	Volumes	Margin	Revenue
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(i)	(j)	(k)
1 Sales												
2 Firm Sales	s (G-1)	Customer Chrg	1,880,067					6,300			\$19.49	\$36,765,293
3		Customer Chrg	229,990		13						51.98	11,955,573
4		0 - 300		12,806,757	2,648	2,573,875	15,383,280	35,393	0	15,418,673	1.4483	22,330,865
5		301 - 15,000		992,822	(34,945)	) 66,416	1,024,292	0	0	1,024,292	0.8969	918,688
6		Over 15,000		0	0	0	0	0	0		0.6987	0
7 Interruptible	le Sales (G-2)	Customer Chrg	142		0						396.49	56,302
8		0 - 15,000		432,169	(75,000)	)	357,169			357,169	0.8771	313,273
9		Over 15,000		324,655	(266,795	)	57,860			57,860	0.6967	40,311
10												
11 Transporta	ation											
12 Customer	Charges (T-4)	Customer Chrg	1,485		11						396.43	593.059
13 Customer	Charges (T-3)	Customer Chrg	869		(17)	)					395.37	336,855
14 Customer	Charges (SpK)	Customer Chrg	174		(7						354.06	58,986
15 Transp. Ad	dm. Fee	Customer Chrg	2,493		(13						50.00	124,000
16 Parked Vo	lumes [1]			757,887	0						0.10	75,789
17 EFM Char	ges										Various	130,600
18 Firm Trans	sportation (T-4)	0 - 300		425,359	5,494		430,853			430,853	1.6331	703,626
19		301 - 15,000		5,289,535	151,171		5,440,706			5,440,706	1.0113	5,502,186
20		Over 15,000		1,178,385	(22,342	)	1,156,043			1,156,043	0.7878	910,730
21 Economic	Dev Rider (EDR)	301 - 15,000		0	0		0			0	0.6727	0
22		Over 15,000		212,615	0		212,615			212,615	0.5240	111,416
23 Interruptible	le Transportation (T-3)	0 - 15,000		5,227,792	161,611		5,389,403			5,389,403	0.9003	4,852,080
24		Over 15,000		2,598,044	291,250		2,889,294			2,889,294	0.7142	2,063,534
25 Total Spec	cial Contracts [2]	•		13,847,313	(24,300)		13,823,013			13,823,013	Various	2,125,425
26	• •					•	, ,					, , ,
27 Total Tariff	f		2,112,727	43,335,446	188,792	2,640,291	46,164,529	41,693	0	46,199,922		89,968,591
28			·	·								
29 Other Rev	enues											806,054
30 Late Paym												1,297,815
31 Total Gros											_	92,072,461
32	······································											0 mg 0 1 mg 1 0 1
33 Gas Costs												78,709,117
34												. 0,1 00,111
35 Total Reve	enue										5	170,781,578

<sup>36</sup> 37 [1] Parked Volumes not included in Total Deliveries. 38 [2] Based on confidential information.

### ATMOS ENERGY CORPORATION - KENTUCKY VOLUME AND CONTRACT ADJUSTMENTS Reference Period - Twelve Months Ending 06/30/2017

Line No.	Class of Customers	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Арг-17	May-17	Jun-17	Number Of Bills	Mcf	Rate	Total Revenue
110.	Oldos di Oddionidio	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(1)	(k)	(1)	(m)	(n)	(0)	(p)
1	RESIDENTIAL (Rate G-1)																.,
2	FIRM BILLS													0		\$19.49	\$0
3	Sales: 1-300	0	0	41	905	146	28	274	337	737	(502)	36	0		2,002	1.4483	2,900
4	Sales: 301-15000	0	0	(41)	(905)	(146)	(28)	(274)	(337)	(737)	502	(36)	0		(2,002)	0.8969	(1,796)
5	Sales: Over 15000	0	0	0	0	0	0	0	0	0	0				0	0.6987	0
6	CLASS TOTAL (Mcf/month)	U	U	U	U.	U	U	U	U	U	U	0	0	0	0		\$1,104
8	FIRM COMMERCIAL (Rate G-1)																
9	FIRM BILLS															51,98	\$0
10	Sales: 1-300															1,4483	0
11	Sales: 301-15000	0	0	. 0	2,056	(2,056)	0	0	0	0	0	0	0			0.8969	Ö
12	Sales: Over 15000	0	0	0	(2,056)	2,056	0	0	0	0	0	Ō	0			0.6987	Õ
13	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0	0	0	0	0	0	0		\$0
14																	
15	FIRM INDUSTRIAL (Rate G-1)																
16	FIRM BILLS	1	1	1	1	1	1	1	1	1	1	1	2	13		51.98	\$676
17	Sales: 1-300	(155)	(150)	(171)	(146)	89	654	403	237	294	(242)	(237)	70		646	1.4483	936
18	Sales: 301-15000	(361)	(42)	(1,267)	(1,542)	(2,605)	(4,398)	(5,124)	(5,329)	(3,814)	(4,193)	(4,268)	0		(32,943)	0.8969	(29,547)
19	Sales: Over 15000	0	0	0	0	0 (0.740)	0	0	0 (7.000)	0	0	0	0		0	0.6987	0
20	CLASS TOTAL (Mcf/month)	(516)	(192)	(1,438)	(1,688)	(2,516)	(3,744)	(4,721)	(5,092)	(3,520)	(4,435)	(4,505)	70	13	(32,297)	***************************************	(\$27,935)
21	EIDLI DUDUO AUTUODITA (D. C. O.A)																
22 23	FIRM PUBLIC AUTHORITY (Rate G-1) FIRM BILLS													0		51.98	ro.
23 24	Sales: 1-300													U	0	1.4483	\$0 0
25	Sales: 301-15000														0	0.8969	0
26	Sales: Over 15000														0	0.6987	0
27	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0001	\$0
28															······································		<u></u>
29	INTERRUPTIBLE COMMERCIAL (G-2)																
30	INT BILLS													0		396.49	\$0
31	Sales: 1-15000														0	0.8771	0
32	Sales: Over 15000														0	0.6967	0_
33	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0	0	0	0	0	0	0		\$0
34																	
35	INTERRUPTIBLE INDUSTRIAL (G-2)		_			_	_	_						_			
36	INT BILLS	0	0	0	0	0	0	0	0	0	0	0	0	0		396.49	\$0
37	Sales: 1-15000	0	0	0	0	0	0	(15,000)	(15,000)	(15,000)	(15,000)	(15,000)	0		(75,000)	0.8771	(65,783)
38	Sales: Over 15000	0	0	0	0	0	0	(34,899)	(90,742) (105,742)	(30,630) (45,630)	(38,094) (53,094)	(72,430) (87,430)	0		(266,795)	0.6967	(185,876)
39	CLASS TOTAL (Mcf/month)	0	0	Ų	U	U	U	(49,899)	(105,742)	(40,030)	(55,094)	(87,430)	U	0	(341,795)	****	(\$251,659)

#### ATMOS ENERGY CORPORATION - KENTUCKY VOLUME AND CONTRACT ADJUSTMENTS Reference Period - Twelve Months Ending 06/30/2017

Line No.	Class of Customers	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Арг-17	May-17	Jun-17	Number Of Bills	Mcf	Rate	Total Revenue
NO.	Class of Custoffiers	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)	
		(4)	(0)	(0)	(4)	(0)	(1)	197	(11)	(1)	u)	(N)	(l)	(iii)	(11)	(0)	(p)
40																	
41	TRANSPORTATION (T-4)																
42	TRANSPORTATION BILLS	1	1	1	1	1	1	1	1	1	1	1	0	11		396,43	\$4,361
43	Trans Admin Fee	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$50	\$0	**		2001.12	550
44	EFM Fee	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$0				825
45	Parking Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				0
46	Firm Transport: 1-300	455	450	473	477	414	300	300	407	382	592	647	597		5,494	1.6331	8.972
47	Firm Transport: 301-15000	6,982	5,664	8,013	8,712	12,041	10,936	15,677	19,323	14,539	18,366	18,227	12,690		151,171	1.0113	152,880
48	Firm Transport: Over 15000	2,106	2,565	1,800	253	(2,302)	(2,879)	(4,694)	(6,315)	(2,529)	(4,750)	(2.954)	(2,643)		(22,342)	0.7878	(17,601)
49	CLASS TOTAL (Mcf/month)	9,544	8,678	10,287	9,442	10,153	8,357	11,283	13,415	12,392	14,207	15,920	10,644	11	134,323		\$149,986
50												,					
51	ECONOMIC DEV RIDER (EDR)																
52	Firm Transport: 1-300	0	0	0	0	0	0	0	0	0	0	0	0		0	1.0862	\$0
53	Firm Transport: 301-15000	0	0	0	0	0	0	0	0	0	0	. 0	0		0	0.6727	0
54	Firm Transport: Over 15000	0	0	0	0	0	0	0	0	0	0	0	0		0	0.5240	0
55	CLASS TOTAL (Mcf/month)	0	0	0	0	0	0	0	0	0	0	0	0		0		\$0
56																	
57	TRANSPORTATION (T-3)																
58	TRANSPORTATION BILLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(2)	(2)	(17)		395.37	(\$6,721)
59	Trans Admin Fee	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$100)	(\$100)	(\$100)	(\$100)	(\$100)				(850)
60	EFM Fee	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$150)	(\$150)	(\$150)	(\$150)	(\$150)				(1,275)
61	Parking Fee	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				0
62	Interrupt Transport: 1-15000	16,737	16,210	17,346	16,357	6,333	5,125	16,048	16,129	16,114	16,357	16,213	2,641		161,611	0.9003	145,499
63	Interrupt Transport: Over 15000	25,000	25,000	25,000	26,825	27,037	27,091	27,353	27,139	27,074	26,843	26,887	0		291,250	0.7142	208,011
64	CLASS TOTAL (Mof/month)	41,737	41,210	42,346	43,183	33,370	32,217	43,401	43,268	43,188	43,200	43,100	2,641	(17)	452,861		\$344,663
65	0050U 00500																
66	SPECIAL CONTRACTS				***	***		445	^								
67	TRANSPORTATION BILLS	(1)	(1)	(1)	(1)	(1)	(1)	(1)	0	0	0	0	0	(7)		354.06	(\$2,478)
68	Trans Admin Fee	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	(\$50)	\$0	\$0	\$0	\$0	\$0				(350)
69	EFM Fee	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	(\$75)	\$0	\$0	\$0	\$0	\$0				(525)
70	Parking Fee	\$0	\$0	\$0	\$0	\$0 7.750	\$0	\$0	\$0	\$0	\$0	\$0	\$0		(0.4.000)		0
71	Transported Volumes	(21,056)	(20,446)	(21,608)	(25,561)	7,752	7,648	8,573	8,252	8,393	8,073	8,338	7,341		(24,300)	Various	40.4.000
72	Charges for Transport Volumes	62,169	59,645	63,289	69,456	35,854	50,564	45,474	33,924	32,355	16,291	9,377	5,902	, T-1	10.4 non		484,300
73	CLASS TOTAL (Mcf/month)	(21,056)	(20,446)	(21,608)	(25,561)	7,752	7,648	8,573	8,252	8,393	8,073	8,338	7,341	(7)	(24,300)		\$480,946

#### ATMOS ENERGY CORPORATION - KENTUCKY WEATHER ADJUSTMENT - BASE NOAA 1997-2017 Reference Period - Twelve Months Ending 06/30/2017

Line														Number Of			Total
No.	Class of Customers	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Bills	Mcf	Rate	Revenue
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(0)	(p)
,	DEGIDENTIAL (Data O 4)																
1	RESIDENTIAL (Rate G-1)													•		445.45	
2	FIRM BILLS	(40.540)	40 500		455.000	404.000	100.000	(07.00.0)	F71.001	a~a ooo	440.000	100 ==0		0		\$19.49	\$0
3	Sales: 1-300	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784		1,831,826	1.4483	2,653,034
4	Sales: 301-15000														0	0.8969	0
5	Sales: Over 15000									***************************************	***************************************				0	0.6987	0_
6	CLASS TOTAL (Mcf/month)	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784	0	1,831,826		\$2,653,034
7																	
8	FIRM COMMERCIAL (Rate G-1)																
9	FIRM BILLS													0		51.98	\$0
10	Sales: 1-300	(5,266)	17,094	(16,238)	5,192	211,932	45,850	(70,125)	165,461	123,354	65,694	48,898	22,791		614,636	1,4483	890,177
11	Sales: 301-15000	(938)	3,272	(2,712)	1,919	4,062	4,708	(11,996)	20,111	14,036	6,443	6,746	1,462		47,114	0.8969	42,257
12	Sales; Over 15000														0	0.6987	. 0
13	CLASS TOTAL (Mcf/month)	(6,204)	20,366	(18,950)	7,111	215,994	50,558	(82,121)	185,572	137,390	72,137	55,644	24,253	0	661,750		\$932,434
14			,	` '		•	,		<del></del>	***************************************	······································	· ·	,				¥=== :==
15	FIRM PUBLIC AUTHORITY (Rate G-1)																
16	FIRM BILLS													0			\$0
17	Sales: 1-300	3,021	4,593	(4,139)	9,691	34,013	7,895	(3,027)	37,226	23,444	5,658	6,973	2,066		127,413	0.0000	0
18	Sales: 301-15000	174	313	(447)	1,146	3,917	1,654	(898)	7,538	4,081	1,031	493	299		19,302	0.0000	0
19	Sales: Over 15000			(,	,	,	.,	()	,	-14-4-	,,,,,				0	0.0000	Ô
20	CLASS TOTAL (Mcf/month)	3,195	4,906	(4,586)	10,837	37,930	9,549	(3,925)	44,764	27,525	6,689	7,466	2,365	Ó	146,715	2.2000	\$0
	The same of the sa	3,.02	.,	(1,1400)	, _ ,	,,	0,0.0	(=)010)	, , • ,		-1000				1.011.10		

### Atmos Energy - Kentucky Normalization Of Volumes For Weather Reference Period - Twelve Months Ending 06/30/2017 (Weather Basis: 20-years ending 2017)

Line	Month	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	0	(k)	(1)
1	Lagged Actual HDDs	0	0	0	40	204	671	788	604	432	226	93	4
2	Lagged Normal HDDs	0	0	2	89	358	665	852	889	607	354	121	22
3	Calendar Normal HDDs	0	0	24	213	500	808	894	728	519	212	59	2
4													
5	RESIDENTIAL (Rate G-1)												
6													
7	Annual Customer Growth												
8	Annual Base Load Decline												
9	Annual Total Load Decline												
10													
11	Actual Constand Load	153,579	154,439	152,050	152,363	153,647	157,002	157,989	158,686	158,940	156,410	158,384	156,007
12	Actual Heat Load	16,548	(13,523)	13,523	39,982	251,613	1,256,306	1,781,322	1,263,472	878,239	610,361	148,898	42,929
. 13	Heat Load / Customer	0.107	(0.087)	0.088	0.261	1.628	7.957	11.212	7.917	5.495	3.880	0.935	0.274
14	Actual X Coefficient	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130	0.0130
15	Product	0	0	0.0259	1.153	4.6377	8.6148	11.0373	11.5166	7.8634	4.5859	1.5675	0.285
16	Base Load	9,9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944	0.9944
17	Normal Usage / Customer	0.9944	0.9944	1.0203	2.1474	5.6321	9.6092	12.0317	12.5110	8.8578	5.5803	2.5619	1.2794
18	No. of Customers	154,447	155,312	152,910	153,225	154,516	157,890	158,882	159,583	159,839	157,294	159,280	156,889
19	Normalized Volumes	153,579	154,439	156,011	329,032	870,246	1,517,193	1,911,617	1,996,539	1,415,818	877,744	408,056	200,720
20	Actual Volumes	170,127	140,916	165,573	192,346	405,260	1,413,308	1,939,311	1,422,158	1,037,179	766,770	307,282	198,936
21	Normalized Volume Including Unbilled	153,579	154,439	199,592	575,162	1,154,493	1,809,687	1,998,066	1,663,705	1,233,608	588,398	280,126	160,072
22	Normalized Calendar Volumes	153,888	154,750	199,993	576,319	1,156,817	1,813,329	2,002,088	1,667,053	1,236,091	589,582	280,689	160,394
23													
24	Weather Adjustment	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784
25												.,	
26	Tier 1	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784
27	Tier 2												
28	Tier 3												
29	Total	(16,548)	13,523	(9,563)	136,686	464,986	103,885	(27,694)	574,381	378,639	110,974	100,773	1,784
30													
31													

### Atmos Energy - Kentucky Normalization Of Volumes For Weather Reference Period - Twelve Months Ending 06/30/2017 (Weather Basis: 20-years ending 2017)

Line	Month	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Арг-17	May-17	Jun-17
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(1)	(k)	(l)
1	Lagged Actual HDDs	0	0	0	40	204	671	788	604	432	226	93	4
2	Lagged Normal HDDs	0	0	2	89	358	665	852	889	607	354	121	22
3 4	Calendar Normal HDDs	0	0	24	213	500	808	894	728	519	212	59	2
32 33	FIRM COMMERCIAL (Rate G-1)												
34	Annual Customer Growth												
35	Annual Base Load Decline												
36 37	Annual Total Load Decline												
38	Actual Constand Load	158,332	159,495	156,919	156,044	159,969	163,085	166,238	166,386	166,833	163,392	165,726	161,308
39	Actual Heat Load	6,204	(20,366)	20,366	55,532	42,322	438,621	720,975	481,621	319,385	188,758	34,805	(8,247)
40	Heat Load / Customer	0.364	(1.188)	1.207	3.310	2.461	25.014	40.337	26.921	17.805	10.744	1,953	(0.475)
41	Actual X Coefficient	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420	0.0420
42	Product	0	0	0.0839	3.7336	15.0184	27.8973	35.7421	37.2942	25.4641	14.8506	5.076	0.9229
43	Base Load	9,5105	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005	9.3005
44	Normal Usage / Customer	9.3005	9.3005	9.3844	13.0341	24.3189	37,1978	45.0426	46.5947	34,7646	24.1511	14,3765	10.2234
45	No. of Customers	17,024	17,149	16,872	16,778	17,200	17,535	17,874	17,890	17,938	17,568	17,819	17,344
46	Normalized Volumes	158,332	159,495	158,334	218,687	418,286	652,264	805,092	833,580	623,608	424,287	256,175	177,315
47	Actual Volumes	164,536	139,129	177,284	211,576	202,292	601,706	887,213	648,007	486,218	352,150	200,532	153,062
48	Normalized Volume Including Unbilled	158,332	159,495	173,906	305,964	520,746	757,455	836,584	712,750	557,387	319,634	209,830	162,764
49 50	Normalized Calendar Volumes	158,677	159,842	174,284	306,630	521,879	759,103	838,404	714,301	558,600	320,329	210,287	163,118
51 52	Weather Adjustment	(6,204)	20,366	(18,950)	7,111	215,994	50,558	(82,121)	185,572	137,390	72,137	55,644	24,253
53	Tier 1	(5,266)	17,094	(16,238)	5,192	211,932	45,850	(70,125)	165,461	123,354	65,694	48,898	22,791
54	Tier 2	(938)	3,272	(2,712)	1,919	4,062	4,708	(11,996)	20,111	14,036	6,443	6,746	1,462
55	Tier 3	(500)	0,2,2	\&.,	1,010	7,002	7,100	(11,550)	20,111	14,000	0,440	0,1-40	1,402
56	Total	(6,204)	20,366	(18,950)	7.111	215,994	50,558	(82,121)	185,572	137,390	72,137	55,644	24,253
57	1 W bott	(0,20-1)	20,000	(.0,000)	*11.1.1.1	2.0,007	20,000	(AZ) (Z ) /	100,012	101,000	7 E, 107	30,044	17,200
58													

### Atmos Energy - Kentucky Normalization Of Volumes For Weather Reference Period - Twelve Months Ending 06/30/2017 (Weather Basis: 20-years ending 2017)

Line	Month	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
		(a)	(p)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)	(1)
1	Lagged Actual HDDs	0	0	0	40	204	671	788	604	432	226	93	4
2	Lagged Normal HDDs	0	0	2	89	358	665	852	889	607	354	121	22
3	Calendar Normal HDDs	0	0	24	213	500	808	894	728	519	212	59	2
4													
59	FIRM PUBLIC AUTHORITY (Rate G-1)												
60													
61	Annual Customer Growth												
62	Annual Base Load Decline												
63	Annual Total Load Decline												
64													
65	Actual Constand Load	25,965	27,212	26,033	26,546	26,580	26,495	26,512	26,409	26,751	25,777	26,922	26,238
66	Actual Heat Load	(3,195)	(4,906)	4,906	3,717	20,688	98,987	143,072	99,864	72,503	49,523	12,602	1,191
67	Heat Load / Customer	(2.102)	(3.080)	3.219	2.392	13.296	63.821	92.186	64.595	46.298	32,819	7.996	0.776
68	Actual X Coefficient	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052	0.1052
69	Product	00	0	0.2105	9.3655	37.6725	69.9782	89.6563	93.5498	63.8748	37.2516	12.7329	2.3151
70	Base Load	1700.25	17.0823	17.0823	17.0823	17.0823	17.0823	17.0823	17,0823	17.0823	17.0823	17.0823	17.0823
71	Normal Usage / Customer	17.0823	17.0823	17.2928	26.4478	54.7548	87.0605	106.7386	110.6321	80.9571	54.3339	29.8152	19.3974
72	No. of Customers	1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	1,509	1,576	1,536
73	Normalized Volumes	25,965	27,212	26,354	41,100	85,198	135,031	165,658	171,037	126,779	81,990	46,989	29,794
74	Actual Volumes	22,770	22,306	30,940	30,263	47,268	125,481	169,584	126,273	99,254	75,300	39,523	27,430
75	Normalized Volume Including Unbilled	25,965	27,212	29,882	61,377	108,449	158,370	172,518	144,845	112,277	59,441	36,706	26,562
76	Normalized Calendar Volumes	25,952	27,198	29,867	61,346	108,393	158,288	172,428	144,770	112,219	59,410	36,687	26,548
77													
78	Weather Adjustment	3,195	4,906	(4,586)	10,837	37,930	9,549	(3,925)	44,764	27,525	6,689	7,466	2,365
79													
80	Tier 1	3,021	4,593	(4,139)	9,691	34,013	7,895	(3,027)	37,226	23,444	5,658	6,973	2,066
81	Tier 2	174	313	(447)	1,146	3,917	1,654	(898)	7,538	4,081	1,031	493	299
82	Tier 3		_	_	-	-	-	-	-		-	-	-
83	Total	3,195	4,906	(4,586)	10,837	37,930	9,549	(3,925)	44,764	27,525	6,689	7,466	2,365

## ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019 <u>CURRENT RATES</u>

l inn								<u>U</u>	JRRENI RATE	2					T-4-)
Line No.	Class of Customers	Rate	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total Billing Units
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(j)	(i)	(k)	(I)	(m)
4	RESIDENTIAL (Rate G-1)														
2	FIRM BILLS	\$19.49	157.594	159,580	157,189	155,047	155,912	153,510	153,825	155,116	158,490	159,482	160.183	160.439	1,886,367
3	Sales: 1-300	1.4483	879,434	408,824	201,104	155,047	155,035	156,623	330,320	873,656	1,523,006				
ა 4	Sales: 301-15000	0.8969	0/3,404	400,024 ()	201,104	104,175	199,035	100,023	330,320 0	0/3,000	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386
5	Sales: Over 15000	0.6987	0	0	0	0	0	0	0	0	0	0 n	0	0	0
5 6	CLASS TOTAL (Mcf/month)	0.0807	879,434	408,824	201,104	154,175	155,035	156,623	330,320	873.656	1,523,006	1,918,900	2,004,126		··· ·
7	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4,70	\$4.70	\$4.70	2,004,126 \$4.62	1,421,181	10,026,386
8	Gas Costs		\$4,088,765	\$1,992,913	\$980,330	\$751,564	\$752,693	\$760,400	\$4.65 \$1,603,698	\$4,104,688	\$7,155,519	\$4.70 \$9,015,541	\$4.02 \$9,266,234	\$4.62	<b>647.040.000</b>
9	Gas Cusis		φ4,000, <i>1</i> 00	φ1,39 <b>2,</b> 313	\$90U,33U	φεσ1,30 <del>4</del>	<b>φ≀</b> 52,093	φεσυ <del>,4</del> υυ	φ1,005,090	\$4, IV4,000	\$1,100,018	ф9,U10,D41	\$9,200,23 <del>4</del>	\$6,570,943	\$47,043,289
10	FIRM COMMERCIAL (Rate G-1)														
11	FIRM BILLS	51.98	17,568	17,819	17,344	17,024	17,149	16,872	16,778	17,200	17,535	17.874	17.890	17,938	208.991
12	Sales: 1-300	1,4483	386,389	225,116	166,629	134,404	133,874	135,673	159,657	410,419	591,521	687,483	743,241	559,898	4,334,305
13	Sales: 301-15000	0.8969	37,898	31,059	10,686	23,928	25,621	22,661	59.029	7.867	60,743	117.608	90,338	63,709	551,149
14	Sales; Over 15000	0.6987	07,000	01,000	0	20,020	20,021	0	00,020	1,007	00,740	0	30,000	001,00	001,149 N
15	CLASS TOTAL (Mcf/month)	0.0007	424,287	256,176	177,315	158,332	159,495	158,334	218.687	418.286	652,264	805.092	833,579	623,608	4,885,453
16	Gas Charge per Mcf		\$4,65	\$4.87	\$4.87	\$4.87	\$4,85	\$4.85	\$4.85	\$4.70	\$4.70	\$4,70	\$4.62	\$4,62	7,000,700
17	Gas Costs		\$1,972,642	\$1,248,789	\$864,364	\$771,828	\$774,345	\$768,709	\$1,061,720	\$1,965,226	\$3,064,522	\$3,782,551	\$3.854.120	\$2,883,299	\$23,012,115
18	500 5500		ψ 1,01 L,01L	ψ ,, ε , ο , , ο ο	0001,001	V11110E0	<b>417.1,010</b>	Q1 00j. 00	Ψ1,001,120	ψ1,000,E20	ψ0,00 1,0EE	φο, ι σε, σο ι	ψο,οο 1, 120	φε,000,200	Ψ20,0 (2,110
19	FIRM INDUSTRIAL (Rate G-1)														
20	FIRM BILLS	\$51.98	195	212	205	183	208	193	189	204	196	222	210	212	2.429
21	Sales: 1-300	1,4483	20,329	14,723	10,418	7,904	9,535	9,831	8,995	15,108	34,045	43,047	36,370	31,835	242,140
22	Sales: 301-15000	0.8969	21,636	20,400	17,609	14,576	14,025	15,310	19,486	15,219	36,872	71,576	41,697	37,476	325,880
23	Sales: Over 15000	0.6987	21,000	0	0	0	1-1,020 N	10,010	0	0,210	00,072	71,070	0	0,410	020,000 N
24	CLASS TOTAL (Mcf/month)	0.0001	41,965	35,123	28,027	22,480	23,559	25,141	28,480	30,327	70.917	114.623	78,067	69,312	568.020
25	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	000,020
26	Gas Costs		\$195,106	\$171,215	\$136,625	\$109.583	\$114,380	\$122,057	\$138,271	\$142,483	\$333,187	\$538,533	\$360,949	\$320,468	\$2,682,859
27	043 0038		ψ100,100	Ψ111,210	ψ100,020	Ψ100,000	Ψ114,000	ψ12.E,001	ψ100,2.F1	Ψ1-12,-100	φοοο, το τ	φοσοιμούο	Ψ000,040	Ψ020,400	Ψ2,002,003
28	FIRM PUBLIC AUTHORITY (Rate G-1)														
29	FIRM BILLS	\$51.98	1,509	1,576	1,536	1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	18.583
30	Sales: 1-300	1.4483	69,347	43,888	26,023	24,549	25,476	23,786	36,752	76,400	111,646	127,758	142,235	107,984	815,843
31	Sales: 301-15000	0.8969	12,642	3,101	3,772	1,416	1,736	2,568	4,348	8,798	23,384	37,901	28,802	18,795	147,264
32	Sales: Over 15000	0.6987	12,042	0,101	0,772	0	1,700	2,000	4,040	0,750	20,004	0,501	20,002	10,730	0
33	CLASS TOTAL (Mcf/month)	0.0007	81,989	46,989	29.795	25,965	27,212	26,354	41,100	85.198	135,030	165,659	171,037	126,779	963,107
34	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	300,107
35	Gas Costs		\$381,194	\$229,060	\$145,242	\$126,572	\$132,111	\$127,947	\$199,541	\$400,285	\$634.411	\$778.312	\$790,803	\$586,171	\$4,531,650
36	Oas Costs		φου1,104	Ψ222,000	φ (-10,2-72	Ψ120,012	ψισε,τετ	Ψ121,541	ΨΙΟΟ,ΟΤΙ	Ψ+00,2.00	ΨΟΟΤΙΤΙΙ	ψ110,01Z	Ψ1 30,000	φυσος τη τ	φ4,001,000
37	INTERRUPTIBLE COMMERCIAL (G-2)														
38	INT BILLS	396.49	3	4	2	2	2	2	2	3	3	3	3	3	32
39	Sales: 1-15000	0.8771	1,435	704	15	16	59	56	51	502	1,612	2,477	1,947	1,506	10,380
40	Sales: Over 15000	0.6967	1,450	704	0	0	n O	0	0	ລູບຂ ກ	0	۲,411 ()	1,9 <del>4</del> 7	1,500	10,000
41	CLASS TOTAL (Mcf/month)	0.0307	1,435	704	15	16		56	51	502	1,612	2,477	1,947	1,506	10,380
41	Gas Charge per Mcf		\$3,37	\$3.59	\$3,59	\$3.59	\$3.57	\$3.57	\$3,57	\$3.42	\$3.42	\$3.42	\$3.34	\$3.34	10,000
42	Gas Costs		\$3.37 \$4,832	\$3.59 \$2,529	ъз.59 \$52	фз.ов \$57	ააა <i>ი</i> \$211	фз.57 \$202	\$3.57 \$182	\$3.42 \$1,717	\$5,509	\$3.42 \$8,466	\$3.34 \$6,510	\$3,34 \$5,035	\$35,300
43	G09 (08)8		ψ <del>11</del> ,002	Ψ2,029	φυζ	कुछ।	<b>φ∠11</b>	φζυζ	φ10∠	φ1,111	\$0,0UX	φ0, <del>4</del> 00	क्ष,ठ१७	φυ,υσο	\$35,3UU

Total

## ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019 <u>CURRENT RATES</u>

Second Content	No.	Class of Customers	Rate	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Billing Units
Note	INU.	Olass Of Oustorners	Nate			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~							***************************************			
Fig. 12   19   19   19   19   19   19   19				(12)	(5)	(0)	(4)	(6)	14	(9)	(11)	10	W	(v)	(1)	(111)
Fig. 12   19   19   19   19   19   19   19	45	INTERRUPTIBLE INDUSTRIAL (G-2)														
48 Search 1990 0,687 1,754 24,78 16,33 41,34 7,762 24,76 16,33 41,34 7,764 24,78 16,33 41,34 7,764 24,78 16,33 16,33 16,34 16,34 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,35 16,			396.49	8	10	9	9	8	8	7	8	8	9	16	10	110
See   Control   1909   0																
ASS TOTAL (MARTINITY)							,			,	,					
Sign   Control   Sign				17.346	24.178	16.531		27.820			26,033					
Second Calcar   Second Secon																101,002
Fig.																\$1,403,903
FRAINSPORTATION IN-LIST   TRAINSPORTATION				***,	* <b>,</b>	*,	*,	***,	*	+, +	400,000	¥101,011	72.12,100	4.10,00.	V,	41,100,000
PARA SPORTATION BLLS   \$599.43   125   125   125   124   124   124   124   125   125   125   126   126   125   126   126   125   126   126   125   126   126   125   126   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   126   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   125   1		TRANSPORTATION (T-4)														
Second			\$396.43	125	125	125	124	124	124	124	125	125	125	125	125	1 496
Fig. Fig. Fig. Fig. Fig. Fig. Fig. Fig.			,		6,150					6.100						
For Planking Fise  Firm Transport 3-501  1.6.331  3.6.19  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.50  5.7.		EFM Fee		6.500	6.500	6.450	6.325	6.350				•			,	
58   Firm Transport 1-1500													,		,	
First   Firs		•	1.6331	36,160	35,373	34,587				35,639						
Fig. 2017   Fig. 2018   Fig.	59	•	1.0113	409,697		388,789	355,836			425,416						
CLASS TOTAL (Medimonth)	60	Firm Transport: Over 1500	0.7878	70,793	79,054	91,645	57,209	80,380	70,462	69,759	94,195		-	114,808		
CONDITION   1.086225   0	61			516,649	526,385	515,021	447,104	498,701	496,428	530,814	620,447	764,768	764,008	650,415		
Film Transport: 10-100	62	***************************************				·				·						
Firm Transport Cover 15000	63	ECONOMIC DEV RIDER (EDR)														
Firm Transport Cover 15000   0.5240   17,435   19,507   19,334   10,434   16,523   15,048   15,000   16,271   14,213   25,203   18,199   24,758   212,515   12,045   15,045   15,045   15,045   15,045   15,045   15,047   14,213   25,203   18,199   24,758   212,515   14,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045   15,045	64	Firm Transport: 1-300	1.086225	0	0	0	0	0	0	0	0	0	0	0	0	0
CLASS TOTAL (Medimenth)	65	Firm Transport: 301-15000	0.6727	0	0	0	0	0		0	0	0	0	0	0	0
Fig.	66	Firm Transport: Over 15000	0.5240	17,435	19,507	19,934	10,434	16,523	15,048	15,000	16,271	14,213	25,293	18,199	24,758	212,615
FRANSPORTATION ILLS   395.37   71   71   71   71   71   71   71	67	CLASS TOTAL (Mcf/month)		17,435	19,507	19,934	10,434	16,523	15,048	15,000	16,271	14,213	25,293	18,199	24,758	212,615
TRANSPORTATION BILLS   395.37   71   71   71   71   71   71   71	68															
71 Trans Admin Fee 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550 3,550	69	TRANSPORTATION (T-3)														
Female	70	TRANSPORTATION BILLS	395.37	71	71	71	71	71	71		71	71		71	71	852
73 Parking Fee	71	Trans Admin Fee		3,550	3,550	3,550	3,550	3,550		3,550	3,550	3,550	3,550	3,550	3,550	\$42,600
Interrupt Transport: 1-15000   0.9003   442,263   455,145   420,178   381,934   409,164   427,012   445,673   475,364   500,663   495,071   453,481   483,454   5,389,404   75   Interrupt Transport: Over 15000   0.7142   224,860   231,862   227,598   184,238   213,257   205,757   248,923   264,791   774,088   301,139   242,440   279,340   2882,295   762,794   6278,699   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775   775	72	EFM Fee			3,725		3,675	3,675	3,675	3,700	3,700	3,700	3,700	3,725	3,725	\$44,450
Interrupt Transport Over 15000   0.7142   224,860   231,862   227,598   184,238   213,257   206,757   248,923   254,791   274,088   301,139   242,440   279,340   2,889,295   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628   2,628	73	Parking Fee				382			349	306	446	410	233	234	287	\$3,773
CLASS TOTAL (Mcf/month) 667,123 687,007 647,776 566,172 622,421 633,769 694,597 730,155 774,752 796,210 695,921 762,794 8,278,699  78 SPECIAL CONTRACTS  79 TRANSPORTATION BILLS 354,06 14 14 14 14 14 14 14 14 14 14 14 14 14																
77 78 SPECIAL CONTRACTS 79 TRANSPORTATION BILLS 354.06 14 14 14 14 14 14 14 14 14 14 14 14 14			0.7142													
Page		CLASS TOTAL (Mcf/month)		667,123	687,007	647,776	566,172	622,421	633,769	694,597	730,155	774,752	796,210	695,921	762,794	8,278,699
TRANSPORTATION BILLS   354.06   14																
Frank Admin Fee   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650   650																
81 EFM Fee	79	TRANSPORTATION BILLS	354.06													167
82 Parking Fee 8,223 4,727 4,258 2,029 2,635 2,262 4,989 4,624 15,795 6,226 6,312 7,403 \$69,484   83 Transported Volumes Various 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013   84 Charges for Transport Volumes 159,796 159,087 138,261 174,707 171,617 174,865 187,188 185,685 207,677 209,035 173,785 183,723 \$2,125,425   85 CLASS TOTAL (Mcf/month) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013   86 OTHER REVENUE 88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 \$9   Late Payment Fees \$154,099 \$111,115 \$76,553 \$58,902 \$54,397 \$54,752 \$54,162 \$67,957 \$110,838 \$162,293 \$193,965 \$198,784 \$1,297,815 \$90   91 TOTAL GROSS PROFIT \$7,695,406 \$6,763,960 \$6,140,560 \$5,867,829 \$5,984,675 \$5,937,667 \$6,395,765 \$7,794,288 \$9,468,193 \$10,394,155 \$10,351,107 \$9,278,853 \$92,072,460 \$92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117																
Transported Volumes Various 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,333 1,137,558 1,208,822 13,823,013 1,072,108 159,796 159,087 138,261 174,707 171,617 174,865 187,188 185,685 207,677 209,035 173,785 183,723 \$2,125,425 185 (LASS TOTAL (Mct/month) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 183,723 \$2,125,425 187,101 185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 180,014 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 183,723 \$2,125,425 187,101 185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 180,014 1,065,088 187,101 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,201,011 1,065,088 1,065,088 1,																
84         Charges for Transport Volumes         159,796         159,087         138,261         174,707         171,617         174,865         187,188         185,685         207,677         209,035         173,785         183,723         \$2,125,425           85         CLASS TOTAL (Mcf/month)         1,065,088         1,072,108         879,128         1,136,013         1,115,726         1,185,805         1,201,011         1,343,897         1,361,393         1,137,558         1,208,822         13,823,013           86         OTHER REVENUE         8         Service Charges         \$49,919         \$53,628         \$55,397         \$45,327         \$57,173         \$55,395         \$88,176         \$126,545         \$87,101         \$58,133         \$54,439         \$74,821         \$806,054           89         Late Payment Fees         \$154,099         \$111,115         \$76,553         \$58,902         \$54,397         \$54,752         \$54,162         \$67,957         \$110,838         \$162,293         \$193,965         \$198,784         \$1,297,815           90         TOTAL GROSS PROFIT         \$7,695,406         \$6,763,960         \$6,140,560         \$5,867,829         \$5,997,667         \$6,395,765         \$7,794,288         \$9,468,193         \$10,394,155         \$10,351,107         \$9,278,853<		•								,					,	
85 CLASS TOTAL (Mct/month) 1,065,088 1,072,108 879,128 1,136,013 1,116,463 1,115,726 1,185,805 1,201,011 1,343,897 1,361,393 1,137,558 1,208,822 13,823,013 86 87 OTHER REVENUE 88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 89 Late Payment Fees \$154,099 \$111,115 \$76,553 \$58,902 \$54,397 \$54,752 \$54,162 \$67,957 \$110,838 \$162,293 \$193,965 \$198,784 \$1,297,815 90 91 TOTAL GROSS PROFIT \$7,695,406 \$6,763,960 \$6,140,560 \$5,867,829 \$5,984,675 \$5,937,667 \$6,395,765 \$7,794,288 \$9,468,193 \$10,394,155 \$10,351,107 \$9,278,853 \$92,072,460 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117			Various						1,115,726							
86						, .										
87 OTHER REVENUE 88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 \$9 Late Payment Fees \$154,099 \$111,115 \$76,553 \$58,902 \$54,397 \$54,752 \$54,162 \$67,957 \$110,838 \$162,293 \$193,965 \$198,784 \$1,297,815 90 91 <b>TOTAL GROSS PROFIT</b> \$7,695,406 \$6,763,960 \$6,140,560 \$5,867,829 \$5,984,675 \$5,937,667 \$6,395,765 \$7,794,288 \$9,468,193 \$10,394,155 \$10,351,107 \$9,278,853 \$92,072,460 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117		CLASS TOTAL (Mcf/month)		1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	1,361,393	1,137,558	1,208,822	13,823,013
88 Service Charges \$49,919 \$53,628 \$55,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$806,054 \$9 Late Payment Fees \$154,099 \$111,115 \$76,553 \$58,902 \$54,397 \$54,752 \$54,162 \$67,957 \$110,838 \$162,293 \$193,965 \$198,784 \$1,297,815 \$90 \$91 <b>TOTAL GROSS PROFIT</b> \$7,695,406 \$6,763,960 \$6,140,560 \$5,867,829 \$5,984,675 \$5,937,667 \$6,395,765 \$7,794,288 \$9,468,193 \$10,394,155 \$10,351,107 \$9,278,853 \$92,072,460 \$92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117																
89 Late Payment Fees \$154,099 \$111,115 \$76,553 \$58,902 \$54,397 \$54,752 \$54,162 \$67,957 \$110,838 \$162,293 \$193,965 \$198,784 \$1,297,815 90 91 TOTAL GROSS PROFIT \$7,695,406 \$6,763,960 \$6,140,560 \$5,867,829 \$5,984,675 \$5,937,667 \$6,395,765 \$7,794,288 \$9,468,193 \$10,394,155 \$10,351,107 \$9,278,853 \$92,072,460 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117																
90 91 <b>TOTAL GROSS PROFIT</b> \$7,695,406 \$6,763,960 \$6,140,560 \$5,867,829 \$5,984,675 \$5,937,667 \$6,395,765 \$7,794,288 \$9,468,193 \$10,394,155 \$10,351,107 \$9,278,853 \$92,072,460 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117		v														
91 <b>TOTAL GROSS PROFIT</b> \$7,695,406 \$6,763,960 \$6,140,560 \$5,867,829 \$5,984,675 \$5,937,667 \$6,395,765 \$7,794,288 \$9,468,193 \$10,394,155 \$10,351,107 \$9,278,853 \$92,072,460 92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117		Late Payment Fees		\$154,099	\$111, <b>11</b> 5	\$76,553	\$58,902	\$54,397	\$54,752	\$54,162	\$67,957	\$110,838	\$162,293	\$193,965	\$198,784	\$1,297,815
92 Gas Costs \$6,700,953 \$3,731,375 \$2,186,010 \$1,935,980 \$1,873,148 \$1,898,722 \$3,055,635 \$6,703,385 \$11,375,060 \$14,342,542 \$14,428,181 \$10,478,128 \$78,709,117					** ***		A	A					***			
93 <b>TOTAL REVENUE</b> \$14,396,359 \$10,495,334 \$8,326,570 \$7,803,809 \$7,857,823 \$7,836,389 \$9,451,401 \$14,497,673 \$20,843,253 \$24,736,697 \$24,779,288 \$19,756,981 \$170,781,577	-															
	93	TOTAL REVENUE		\$14,396,359	\$10,495,334	<b>\$8,326,57</b> 0	\$7,803,809	<b>\$7,857,823</b>	\$7,836,389	<b>\$9,451,401</b>	\$14,497,673	\$20,843,253	\$24,736,697	\$24,779,288	\$19,756,981	\$170,781,577

#### ATMOS ENERGY CORPORATION - KENTUCKY SUMMARY OF REVENUE AT PROPOSED RATES TEST YEAR ENDING MAR, 31 2019

Forward-looking Adjustments and David Turkin Months Ending 06/90/0047

				Reference Period -	Twelve Months	Ending 06/30/2017		То Те	st Year			
Line No.		Block (Mcf)	Number of Bills, Units	Volumes As Metered	Contract Adj. Bills and Volumes	Weather Adj. Volumes (NOAA 1997-2017)	Total Volumes	Customer Growth Forecast	Conservation & Efficiency Adjustments	Total Test Year Volumes	Proposed Margin	Proposed Revenue
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(i)	0)	(k)
1	Sales											
2	Firm Sales (G-1)	Customer Chrg	1,880,067		40			6,300			\$19.45	\$36,689,838
3		Customer Chrg	229,990	40.000.757	13	0 570 075	45 000 000	05.000	•	1 = 112 0 = 2	50.75	11,672,669
4		0 - 300		12,806,757	2,648	2,573,875	15,383,280	35,393	0	15,418,673	1.5700	24,207,317
5		301 - 15,000		992,822 0	(34,945)		1,024,292		0	1,024,292	0.9950	1,019,171
5	lata-safela Onian (O. 0)	Over 15,000	440	U	0	0	0		0	0	0.7800	0
/	Interruptible Sales (G-2)	Customer Chrg	142	400 400	(75,000)		057.400			057.450	400.00	56,800
ð		0 - 15,000		432,169	(75,000)		357,169			357,169	0.9350	333,953
9		Over 15,000		324,655	(266,795)		57,860			57,860	0.7059	40,843
10												
11	Transportation T ()	0	4 405		44							
12		Customer Chrg	1,485		11						400.00	598,400
13		Customer Chrg	869		(17)						400.00	340,800
14	Customer Charges (SpK)	Customer Chrg	174		(7)						354.06	58,986
	Transp. Adm. Fee	Customer Chrg	2,493		(13)						50.00	124,000
16				757,887	0						0.10	75,789
17	EFM Charges										Various	130,600
18	Firm Transportation (T-4)	0 - 300		425,359	5,494		430,853			430,853	1.5700	676,439
19		301 - 15,000		5,289,535	151,171		5,440,706			5,440,706	0.9950	5,413,503
20		Over 15,000		1,178,385	(22,342)		1,156,043			1,156,043	0.7800	901,713
21	Economic Dev Rider (EDR)	301 - 15,000		0	0		0			0	0.7463	0
22		Over 15,000		212,615	0		212,615			212,615	0.5850	124,380
23	Interruptible Transportation (T-3)	0 - 15,000		5,227,792	161,611		5,389,403			5,389,403	0.9350	5,039,092
24		Over 15,000		2,598,044	291,250		2,889,294			2,889,294	0.7059	2,039,553
25	Total Special Contracts [2]			13,847,313	(24,300)		13,823,013			13,823,013	Various	2,125,425
26												
27	Total Tariff		2,112,727	43,335,446	188,792	2,640,291	46,164,529	41,693	0	46,199,922		91,669,271
28												
29	Other Revenues											806,054
30	Late Payment Fees											1,311,701
31	Total Gross Profit											93,787,026
32												,
33	Gas Costs											78,709,117
34												1.541.551.11
35	Total Revenue										ş	172,496,143
36											=	
	[1] Parked Volumes not included in Total	Deliveries										1,714,565
01	[1] Farked volumes not included in Total											1,717,000

<sup>37 [1]</sup> Parked Volumes not included in Total Deliverles.38 [2] Based on confidential information.

## ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019 PROPOSED RATES

Line															Total
No.	Class of Customers	Rate	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Billing Units
			(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(1)	(I)	(k)	(I)	(m)
1	RESIDENTIAL (Rate G-1)														
2	FIRM BILLS	\$19.45	157,594	159,580	157,189	155,047	155,912	153,510	153,825	155,116	158,490	159,482	160,183	160,439	1,886,367
3	Sales: 1-300	1.5700	879,434	408,824	201,104	154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386
4	Sales: 301-15000	0.9950	0	0	. 0	0	0	0	0	0	0	0	0	0	0
5	Sales: Over 15000	0.7800	0	0	0	0	0	0	0	0	0	0	0	0	0
6	CLASS TOTAL (Mcf/month)		- 879,434	408,824	201,104	154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386
7	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	
8	Gas Costs		\$4,088,765	\$1,992,913	\$980,330	\$751,564	\$752,693	\$760,400	\$1,603,698	\$4,104,688	\$7,155,519	\$9,015,541	\$9,266,234	\$6,570,943	\$47,043,289
9															
10	FIRM COMMERCIAL (Rate G-1)	F0.75	47 500	47.040	47.044	47.004	47.440	40.070	40.770	47.000	47 505	47.074	47.000	477.000	000.004
11	FIRM BILLS	50.75	17,568	17,819	17,344	17,024	17,149	16,872	16,778	17,200	17,535	17,874	17,890	17,938	208,991
12	Sales: 1-300 Sales: 301-15000	1.5700	386,389 37.898	225,116	166,629	134,404 23.928	133,874	135,673	159,657	410,419	591,521	687,483	743,241	559,898	4,334,305
13	Sales: Over 15000	0.9950 0.7800	ar,asa 0	31,059 0	10,686 0	23,928 N	25,621 0	22,661 0	59,029 0	7,867 0	60,743 0	117,608 0	90,338 n	63,709 0	551,149
14 15	CLASS TOTAL (Mcf/month)	0.7000	424,287	256,176	177,315	158,332	159,495	158,334	218,687	418,286	652,264	805,092	833,579	623,608	4,885,453
16	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4,85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	4,000,403
17	Gas Costs		\$1,972,642	\$1,248,789	\$864,364	\$771,828	\$774,345	\$768,709	\$1,061,720	\$1,965,226	\$3,064,522	\$3,782,551	\$3,854,120	\$2,883,299	\$23,012,115
18	040 0000		Ψ1,072,042	ψ1,240,100	Ψουτίσοτ	ψει 1,020	ψ11-1,0-10	φ, ου,, ου	Ø1,001,120	Ψ1,000,220	φυ,υυ ησεε	ψο, ι ο 2,00 ι	ψο,οοπ, 12ο	Ψ2,000,200	Ψ20,012,110
19	FIRM INDUSTRIAL (Rate G-1)														
20	FIRM BILLS	\$50.75	195	212	205	183	208	193	189	204	196	222	210	212	2,429
21	Sales: 1-300	1.5700	20,329	14,723	10,418	7,904	9,535	9,831	8,995	15,108	34,045	43,047	36,370	31,835	242,140
22	Sales: 301-15000	0.9950	21,636	20,400	17,609	14,576	14,025	15,310	19,486	15,219	36,872	71,576	41,697	37,476	325,880
23	Sales; Over 15000	0.7800	0	0	0	0	0	0	0	0	0	0	0	0	0
24	CLASS TOTAL (Mcf/month)		41,965	35,123	28,027	22,480	23,559	25,141	28,480	30,327	70,917	114,623	78,067	69,312	568,020
25	Gas Charge per Mcf		\$4.65	\$4.87	\$4.87	\$4.87	\$4.85	\$4.85	\$4.85	\$4.70	\$4.70	\$4.70	\$4.62	\$4.62	
26	Gas Costs		\$195,106	\$171,215	\$136,625	\$109,583	\$114,380	\$122,057	\$138,271	\$142,483	\$333,187	\$538,533	\$360,949	\$320,468	\$2,682,859
27															
28	FIRM PUBLIC AUTHORITY (Rate G-1)														
29	FIRM BILLS	\$50.75	1,509	1,576	1,536	1,520	1,593	1,524	1,554	1,556	1,551	1,552	1,546	1,566	18,583
30	Sales: 1-300	1.5700	69,347	43,888	26,023	24,549	25,476	23,786	36,752	76,400	111,646	127,758	142,235	107,984	815,843
31	Sales: 301-15000	0.9950	12,642	3,101	3,772	1,416	1,736	2,568	4,348	8,798	23,384	37,901	28,802	18,795	147,264
32	Sales: Over 15000	0.7800	0 000	0	0 705	0 000	07.040	0 00 001	0	000	425.020	405.050	0	100 770	0.002.407
33	CLASS TOTAL (Mcf/month)		81,989 \$4,65	46,989 \$4.87	29,795 \$4.87	25,965 \$4.87	27,212 \$4.85	26,354 \$4.85	41,100 \$4.85	85,198 \$4.70	135,030	165,659	171,037	126,779 \$4.62	963,107
34	Gas Charge per Mcf		\$4.65 \$381,194	\$4.87 \$229,060	\$145,242	\$4.07 \$126,572	\$4.00 \$132,111	\$4.00 \$127,947	\$4.65 \$199,541	\$4.70 \$400,285	\$4.70 \$634,411	\$4.70 \$778,312	\$4.62 \$790,803	\$4.62 \$586,171	64 504 050
35 36	Gas Costs		\$301,19 <del>4</del>	\$229,000	\$140 <sub>1</sub> 242	\$120,072	\$132,111	φ121 <sub>1</sub> 941	ф199,041	\$400,200	\$034,411	\$110,312	\$790,503	\$350,171	\$4,531,650
37	INTERRUPTIBLE COMMERCIAL (G-2)														
38	INTERROP HOLE CONTINENCIAL (9-2)	400.00	3	4	2	2	2	2	2	3	3	3	3	3	32
39	Sales: 1-15000	0.9350	1,435	704	15	16	59	56	51	502	1,612	2,477	1,947	1,506	10,380
40	Sales: Over 15000	0.7059	1,100	0	.0	Ö	0	0	0	0	1,012	2,477	0,5-17	,,000	1
41	CLASS TOTAL (Mcf/month)	J J. J.	1,435	704	15	16	59	56	51	502	1,612	2,477	1,947	1,506	10,380
42	Gas Charge per Mcf	***************************************	\$3,37	\$3.59	\$3.59	\$3.59	\$3.57	\$3.57	\$3.57	\$3.42	\$3.42	\$3.42	\$3.34	\$3.34	,
43	Gas Costs		\$4,832	\$2,529	\$52	\$57	\$211	\$202	\$182	\$1,717	\$5,509	\$8,466	\$6,510	\$5,035	\$35,300
44	-		. ,				•				. ,	. ,		1 :1 : 2 2	* 1

## ATMOS ENERGY CORPORATION - KENTUCKY BILL FREQUENCY WITH KNOWN & MEASURABLE ADJUSTMENTS TEST YEAR ENDING MAR, 31 2019 PROPOSED RATES

D								EK	UPUSED RATE	: <u>&gt;</u>					- · ·
Line No.	Class of Customers	Rate	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total Billing Units
140.	Olass of Gustoffiers	1/ale	(a)	(b)	(C)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)	(I)	(m)
			(4)	(5)	(0)	(4)	(0)	117	(9)	(11)	117	w	(1/1)	(1)	(111)
45	INTERRUPTIBLE INDUSTRIAL (G-2)														
46	INT BILLS	400.00	8	10	9	9	8	8	7	8	8	9	16	10	110
47	Sales: 1-15000	0.9350	17.346	24,178	16.531	41,347	27,820	28,622	14,615	26,033	40,531	50,531	35,051	24,184	346,791
48	Sales: Over 15000	0.7059	0	0	0	7,742	0	4,795	0	0	12,687	13,578	9,681	9,377	57,861
49	CLASS TOTAL (Mcf/month)		17,346	24,178	16,531	49,089	27,820	33,417	14,615	26,033	53,218	64,109	44,732	33,561	404,652
50	Gas Charge per Mcf		\$3.37	\$3.59	\$3.59	\$3.59	\$3.57	\$3.57	\$3.57	\$3.42	\$3.42	\$3,42	\$3.34	\$3.34	
51	Gas Costs		\$58,413	\$86,870	\$59,396	\$176,375	\$99,407	\$119,406	\$52,224	\$88,986	\$181,911	\$219,138	\$149,564	\$112,213	\$1,403,903
52															
53	TRANSPORTATION (T-4)														
54	TRANSPORTATION BILLS	400.00	125	125	125	12 <del>4</del>	12 <del>4</del>	124	12 <del>4</del>	125	125	125	125	125	1,496
55	Trans Admin Fee		6,150	6,150	6,150	6,100	6,100	6,100	6,100	6,150	6,150	6,150	6,150	6,150	\$73,600
56	EFM Fee		6,500	6,500	6,450	6,325	6,350	6,350	6,400	6,475	6,475	6,475	6,475	6,500	\$77,275
57	Parking Fee		88	175	100	53	155	121	68	74	801	203	337	356	\$2,532
58	Firm Transport: 1-300	1.5700	36,160	35,373	34,587	34,058	34,020	34,597	35,639	36,965	37,500	37,314	37,440	37,200	430,853
59	Firm Transport: 301-15000	0.9950	409,697	411,958	388,789	355,836	384,302	391,368	425,416	489,287	582,420	583,961	498,167	519,504	5,440,706
60	Firm Transport: Over 1500	0.7800	70,793	79,054	91,645	57,209	80,380	70,462	69,759	94,195	144,848	142,733	114,808	140,157	1,156,043
61	CLASS TOTAL (Mcf/month)		516,649	526,385	515,021	447,104	498,701	496,428	530,814	620,447	764,768	764,008	650,415	696,861	7,027,602
62															
63	ECONOMIC DEV RIDER (EDR)	4.0000	0	^	0	0	^	•	^		0		•		2
64	Firm Transport: 1-300	1.0862	0	0	0	0	0	0	0	0	0	0	0	0	0
65	Firm Transport: 301-15000	0.6727 0.5240	17,435	19,507	19,934	10,434	16,523	0 15,048	-	16,271	14.043	0 25,293	40.400	04.760	040.045
66 67	Firm Transport: Over 15000 CLASS TOTAL (Mof/month)	U.024U	17,435	19,507	19,934	10,434	16,523	15,048	15,000 15,000	16,271	14,213 14,213	25,293	18,199 18,199	24,758 24,758	212,615
68	CLASS TOTAL (MCMHOHIII)		17,400	15,507	19,904	10,434	10,020	10,040	15,000	10,211	14,213	20,293	10,199	24,700	212,615
69	TRANSPORTATION (T-3)														
70	TRANSPORTATION BILLS	400.00	71	71	71	71	71	71	71	71	71	71	71	71	852
71	Trans Admin Fee	700.00	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3.550	3,550	3,550	3,550	\$42,600
72	EFM Fee		3,725	3,725	3,725	3,675	3,675	3,675	3,700	3,700	3,700	3,700	3,725	3,725	\$44,450
73	Parking Fee		344	381	382	138	263	349	306	446	410	233	234	287	\$3,773
74	Interrupt Transport: 1-15000	0.9350	442,263	455,145	420.178	381,934	409,164	427,012	445,673	475,364	500,663	495,071	453,481	483,454	5,389,404
75	Interrupt Transport: Over 15000	0.7059	224,860	231,862	227,598	184,238	213,257	206,757	248,923	254,791	274,088	301,139	242,440	279,340	2,889,295
76	CLASS TOTAL (Mcf/month)		667,123	687,007	647,776	566,172	622,421	633,769	694,597	730,155	774,752	796,210	695,921	762,794	8,278,699
77			,	,	,		······································	······································	***************************************	,	,	,			-111
78	SPECIAL CONTRACTS														
79	TRANSPORTATION BILLS	354.06	14	14	14	14	14	14	14	14	14	14	14	14	167
80	Trans Admin Fee		650	650	650	650	650	650	650	650	650	650	650	650	\$7,800
81	EFM Fee		775	775	775	650	650	650	650	800	800	800	775	775	\$8,875
82	Parking Fee		8,223	4,727	4,258	2,029	2,635	2,262	4,989	4,624	15,795	6,226	6,312	7,403	\$69,484
83	Transported Volumes	Various	1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	1,361,393	1,137,558	1,208,822	13,823,013
84	Charges for Transport Volumes		159,796	159,087	138,261	174,707	171,617	174,865	187,188	185,685	207,677	209,035	173,785	183,723	\$2,125,425
85	CLASS TOTAL (Mcf/month)		1,065,088	1,072,108	879,128	1,136,013	1,116,463	1,115,726	1,185,805	1,201,011	1,343,897	1,361,393	1,137,558	1,208,822	13,823,013
86	071/50 051/511/5														
87	OTHER REVENUE		040040	A = 0 .000	00000	A1= 00=	Aspen Jane	*****	Ann 177	0400 = 4=	00-10-1	Arra 12-	AF1 10°		
88	Service Charges		\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$806,054
89	Late Payment Fees		\$155,325	\$111,609	\$76,730	\$59,005	\$54,500	\$54,861	\$54,532	\$69,185	\$113,057	\$165,120	\$196,929	\$200,848	\$1,311,701
90	TOTAL OBOSC BROSET		P7 044 F97	PG 000 464	PC 460 F07	BE 000 003	00 004 E0E	RE 050 044	00 445 050	#7 D42 O44	ቀለ ንላለ ንግላ	P40 700 400	040 700 707	#0 F0F 474	600 774 000
91	TOTAL GROSS PROFIT		\$7,844,537	\$6,830,161	\$6,168,537	\$5,888,287	\$6,004,525	\$5,958,911	\$6,445,852	\$7,942,214	\$9,732,773	\$10,732,402	\$10,700,787	\$9,525,076	\$93,774,062
92 93	Gas Costs		\$6,700,953	\$3,731,375	\$2,186,010	\$1,935,980	\$1,873,148	\$1,898,722	\$3,055,635	\$6,703,385	\$11,375,060	\$14,342,542	\$14,428,181	\$10,478,128	\$78,709,117
93	TOTAL REVENUE		\$14,545,490	\$10,561,536	\$8,354,547	\$7,824,267	\$7,877,673	\$7,857,633	\$9,501,487	\$14,645,599	\$21,107,833	\$25,074,943	\$25,128,968	\$20,003,204	\$172,483,179

ATMOS ENERGY CORPORATION - KENTLOXY SIDE-BY-SIDE RATE SCHEDULES TEST YEAR ENDING MAR, 31 2019

TEST YEAR - ADJUSTED

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After Hrs [m] Proposed Rate Norm Hrs After Hrs (k) Current Rate Norm Hrs (f) Billing Companent (ft) Filed Proposed Rates (g) Proposed Rate (f) Current Total Rate (b) Current PRP Rate (d) Current Base Rates (a)

6

4/6/2018 10:56 Page 1

\$44.00 \$726.00 \$47.00 \$73.00 N/A N/A N/A N/A N/A \$22.00 \$72.00 \$72.00 \$85.00 \$0.00 \$20.00 \$25.00 \$75.00 \$34,00 \$12,00 \$39,00 \$86,00 \$70,00 \$20,00 \$75,00 \$75,00 Seasonal Charge Special Moter Reading Charge Motor Text Charge Returned Chest, Charge Labe Permett Charge Class 2 EFM Equipment Charge Class 2 EFM Equipment Charge SERVICE CHARGES
Meter Set
Turn On
Read
Reconnect Delinquent Service \$19.49 \$51.38 \$396.49 \$396.43 \$1,6331 \$1,0113 \$0,7878 \$0,9003 \$0,8771 \$0,6967 \$50.00 \$0,0900 \$0,0900 \$0,0900 \$1,44830 \$0,88690 \$0,69870 \$0,80250 72,73,74 74,73 22272 2 \$0.05790 Ė W/o PRP> 1 CUSTORER CHARGES, Amonth
2 Pm Revises - Vasidential
5 Pm Services - Purchashing
4 Interpublic Sales
6 Pm Transportation
6 Fm Transportation
6 Interpublic Transportation
7 OSTREEUTON CHARGES, \$\$Mo! 1
7 OSTREEUTON CHARGES, Bizing Campanent

Difference 1,144,766 324,484 58,448 90,878 21,711 47,429 (0) 13,885 62,451,263 17,959,545 827,882 2,370,488 431,599 15,365,146 2,270,571 91,656,294 51,285,507 17,535,051 789,233 2,279,610 409,888 15,317,717 2,270,571 89,988,577 16,741,425 7,363,262 704,410 1,427,401 374,789 14,181,717 2,125,425 41,308,429 2,036,292 7,103,071 50% Cenrent 14,521,214 6,771,699 642,873 1,313,668 353,587 14,143,573 2,125,425 99,872,137 7,227,958 244,230 86,159 330,389 Base Monthly Charges

24%

40 41 % fixed

	2009-00054 3,346.600 1,366.600 1,778.807 1,158.807 1,158.200 1,158.200 2,460.472 59,741,597
	197.197 Todd Cleas 17.197 Residential 270. Controvaled From 316. Sentential From 1.549 Interstate From 210. Controvaled From 210. Co
	1,2% 0,5% 0,5%
	G Current Mo Bill 42.13 45.18.04 203.79
	Met (10,200,388) 4,885,453 (4,885,524 4,885,524 97,217 29,441,229 4,186,198,527 4,1899 4,1899 4,1899 4,1899 7,237 7,24,1299 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,257 7,
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61,1781,17861,74	G-2, LVG-2, T-2/G-2, T-3	Applicable Terriffs	6-1 G-1, LNe-1, T-3 G-1 G-2, LNS-2 T-4, T-3 (Physical GN)	G-1 (Non-residential) LVS-1, T-2/G-1, T-4		G2 LV82, T-2/02, T-3	
OPEDVUN CHANGES, \$100-7 Firm Camings Cherran 1-300 MeT 200-1-5000 MeT Own 15000 Chefston MeT Chew 15000 MeT	Int Carriage Overtun	% Change Billing Component	CLISTONERS CHARGES, kinnerb Firm Services - Readeated Firm Services - Non-Readeated Interrupbs Services Carriege Tremportation All Not	2,20% 1.97% Firm Sales & Transportation: 1,70%	1-300 Met -3.86% 301-18000 Met -1.61% Over 18000 -0.39%	1,59% Int. Sales & Thersportusion 0,27% - 1,1500 blat Over 1500 blat 3,85% -1,16%	Total Increases Residential lives Residential lives ContribA land ContribA land ContribA land Indin three significant lives Indin three significant lives Threep lands Threep lands Total & Volument Inding Contribution 1.1656 Res 0.856 ContribA F 1.555 Indinfi 0.27% Transp & SC 0.656 IndinfiTransp3CC
		Prop		5,6535 5,0785 4,8635	1,5700 0.9950 0,7800	3,5367 3,4676 0,8350 0,7059	10/A1CH 10/A1CH 10/A1CH 10/A1CH 10/A1CH 10/A1CH
				5,5318 4,9804 4,7822	1,6331 1,0113 0,7878	3,6388 3,4584 0,9003 0,7142	0.020 0.035 2.547 2.247 2.248 51.658
		Nov 2015 GCA Current		4,0835 4,0835 4,0835		2.7617	por mo 2.48 30.11 11.27 288.51 619.79
		Nov 20	1.78 5.7 28.33 29.24		0.093 0.0651 0.0423	0.057	10.77.73 386.723 52.223 6.905 17.457 3.778 113.156
							57.20% 1.05% 1.05% 1.04% 10.47% 10.47% 2.48%
		į	65 88 88 88 88 88 88 88 88 88 88 88 88 88	1,21 0.79	0,4915 0.65	0.43	TTL CHNGE 1,19% 1,69% 1,89% 1,39% 1,17% 0,00%
		į	13,50 300,00 300,00	1,18 77.0	0,46 0.05	0.41	GAS COST TTL C 47.06.286 45.176 2.88.889 4.631.890 1.432.230
		ad EDR			1.0862 0.6727 0.5240		SVO
	(62,480)	Current EDR Rs Proposed EDR			1.0862 0.6727 0.5240		51,288 507 17,555,051 17,555,051 17,579,050 408,888 15,377,777 2,370,577

PRP @

ATMCS ENERGY CORPOGATION - KENTLUCKY BILL FREQUENCY WITH WEATHER & VOLUME / CONTRACT ADJUSTMENTS TEST YEAR ENDING MAR, S1 2019

85.8E	(al)	158,490 1,523,008 0 0 1,523,005 \$4,70 \$7,150,519	591,526 60,743 0,743	\$4.70 3.064.522	196 34.045 36.872	70.917 S4.70 333.187	1,551 111,848 23,384 0 0	54.70 S634.411	1612	8 40.531 12.657 53.218 53.42 5181.911	125 56.150 56.150 56.475 5801 37.500 582.420 144.648	14213	71 \$23,550 \$3,700 \$410 503,663 274,038 774,038	14 Seco S800 S15,796 1.343,897 \$207,677	\$87.101 \$110,838	\$2,488,193 \$11,375,060 \$20,843,253
Now18	(ae)	155,116 873,656 0 0 873,656 84,70 4,104,686 S	17,200 410,419 7,867	S4.70	204 15,108 15,219 0	30,327 \$4,70 142,483	1,556 76,400 8,798 0 65,198	54.70 \$400.285	~ g o g g	i I		0 0 16,271	23,850 23,700 24,65 254,791 730,166	14 se50 s800 84.624 1,201.011 5185,695 1,201.011	\$126,545 \$67.957	\$7,754,288 \$ \$6,703,395 \$1 \$14,497,673 \$2
04-18	(ac)	153.825 330.320 0 0 330.320 \$4.85 11.603.538	152,627 53,026 53,026 0	\$4.86 51.081.720 S	189 8,996 19,486	28.480 \$4.86 :38.271	1,554 36,752 4,348 0 41,100	1.99.54 1.99.54	~ 5 - 5 5	14,816 0 14,816 14,816 14,816 14,816 15,227	124 \$5,100 \$5,000 \$68 35,639 4,25,416 69,759 59,0914	0 0 0 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 000 0 15 0	71 83,550 83,700 8305 445,673 248,923 694,597	14 \$650 \$860 \$4,989 1,185,805 \$137,188	\$28,176 \$54,162	56,395.785 \$ 53,066,635 \$ 58,451,40: \$1
Sec-18	(ac)	153,510 158,623 0 0 158,623 54,85 5780,400	18.872 135.673 22.681 0	\$4,25	153 8.831 15.310 0	25,141 54,26 122,057	1,524 23,786 2,588 0 0 26,354	\$127.947	23 55 C 58 2	39.475 8.852 4.795 33.417 53.57 8119,406	124 88-100 58-350 8121 34-557 381.368 70-452	0 15048 15048	71 83,550 83,615 83,619 427,012 20,6197 653,769	74 \$650 \$62.262 1.116.726 \$174.866	\$55,395	S5,937,867 81,898,722 87,836,389
Aun-18	(qe)	155,912 155,035 0 0 155,035 54,85 5752,693	133.874 23.621 0 0	\$4.85	209 2558 14,025 0	24.85 114.390	1,593 26,476 1,736 0 0	\$132,111	83 C 83 C	27.620 27.620 27.620 52.57 529.407	38.100 38.350 \$155 34.020 384.302 80.350	0 0 16.523 16.523	23.257 23.257 23.257 622.57	14 \$650 \$660 \$2,636 11,116,483 \$171,617	\$57,173 \$54,397	\$5,984,675 \$1,873,148 \$7,857,823
9740	(208)	155.047 164.175 0 0 154.175 84.87 8731.584	17,024 134,450 22,828 0	54.87 5771.828	183 7,904 14,576	22,480 54.87 109,593	1.520 24.549 1.446 25.965	54.512 S126,572	83.55 c 6 2	40,089 41,347 7,742 49,089 51,599 51,76,375	26, 200 86, 325 86, 325 24, 058 365, 688 57, 209	10.43¢	53,000 51,000 100,000 100,000 100,000	14 5850 \$650 \$2,028 1,136,013 \$174,707		\$5,857,829 81,835,980 \$7,803,809
Jun-18	£	201.169 201.104 201.104 \$4.87 \$880.330	17.344 166.628 10.686	S854.384	205 10,418 17,609 0	28.027 54.87 136.625	1,536 28,023 3,772 0 0 29,795	S145242	2 វប o វប នៃ វ	16,531 16,531 53,59 56,396	38,150 \$6,150 \$100 \$4,587 38,789 91,645	19.934	71 \$3,050 \$3,050 \$382 420,178 227,598	14 5650 5775 \$4,258 879,128 5738,261 879,128	\$55,397 \$76,553	\$6,140,560 \$2,186,010 \$8,325,570
Mzv-18	Ξ	159.580 408.824 0 0 408.824 \$4.87 \$1,992.913	17,819 225,116 31,058	\$4.87 \$1.248,789	212 34,723 20,400 0	35,123 54,87 171,215		U)	7 20 2 2 2 2	24.778 24.778 27.778 \$3.58 \$3.58	125 \$8,150 \$8,550 \$175 35,373 411,658 79,054	0 0 70281 70381	73,250 \$3,725 \$33,725 \$145,245 \$145,207,007,000	14 8650 8775 54,727 1,072,108 8159,087	553.628 \$111.115	\$5,763,990 \$3,731,375 \$70,495,334
Apr-13	S	157,594 879,434 0 0 879,434 84,85 54,85	37,568 386,389 37,896 0	\$4.65 \$1.972.642	195 20,329 21,636 0	\$4.65 155.106	1,508 68,347 12,642 0 0	5387,1967 1424	148	57,5346 17,346 13,348 13,37 \$13,17	125 125 125 125 125 125 125 125 125 125	0 17,435	7. 22. 23. 24. 22. 23. 24. 25. 25. 25. 25. 25. 25. 25. 25. 25. 25	14 \$657 \$775 \$6,223 1,065,098 \$169,795 1,065,998	\$49.919 \$154,039	\$7,695,405 \$6,700,853 \$14,395,359
Mer-18	(w)	160,139 1,418,508 0 0 0 1,218,508 \$6,65 \$6,65	17,938 565,898 63,709 0	\$2.859,348	212 31,885 37,476 0	84.65 \$4.65 \$322.252	1,568 107,984 18,795 0 0 1,785,779	S589.424	1506	24.184 9.377 33.561 83.37 81.3018	125 \$6,150 \$6,500 \$35,500 \$7,200 \$12,504 \$10,504	24.758 24.758	7.5 \$3,550 \$2,725 \$2,725 \$2,9340 \$2,79340	14 \$860 \$775 \$7,403 1,208,622 \$165,723 \$165,723	\$74.821	\$9,269,565 610,524,210 \$19,793,775
7.69.18	(A)	159,853 2,000,335 0 0 2,000,335 54,65 59,300,138	17.890 743.241 80.338 0	\$4.85	210 25.370 41.697 0	78,087 \$4.86 \$32,858	1,546 142,235 28,802 0 0 171,037	\$795,205	1,947	35,051 8,681 53,37 5150,688	125 \$6.150 \$6.475 \$337 37.440 498.167 114.808	18.199 18.199	53,650 53,725 53,725 523,461 242,440 895,921	14 8650 8775 86,312 1,137,558 8173,756	\$54,439	\$10,340,722 \$14,491,068 \$24,891,790
San-18	3	159.182 1,915.258 0 0 1,915.258 54.75 S2.059.246	17,872 567,483 117,608 0	\$4,75 \$3.820,725	222 43.047 71.576 0		1,562 127,758 37,901 0 0	¥ã	2477 0 2477 53-46	14			83.590 83.700 82.83 485.071 301.139 796.210	14 2850 2800 26228 1,361,393 2026,035 1,361,393	\$58,133 \$163,056	\$10,383,797 \$14,470,752 \$24,854,549
Dec-17	æ	158,190 1,520,107 0 0 1,520,107 54,75 \$7,213,978	17,505 591,521 80,743 0 0	S4.75 \$3,095,449	196 34,045 36,872 0	1 -	73,384 23,384 0 135,000	25	1,612	1 5		1 11		2650 2800 215.765 1.343.897 7343.897		\$9,458,583 \$11,476,716 \$20,805,299
Nov-17	(s)	154,816 B71,851 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	17.200 410,419 7.887 0	- 5	204 15,108 15,219 0		4.555 76.400 8.738 0 0	v.	202 0 203			1 11	77 83,550 85,700 8448 475,384 254,791	- 17		\$7,788,940 \$6,763,241 \$14,550,181
98. 7.	S	158,525 329,676 0 0 329,676 \$1,666,874	16,778 159,557 59,029 0	\$5.06 \$1.105.789	189 8,985 19,486 0	"	287.25 287.25 4.348 0.174		91 2	1 3			12,000 12,000 13,000 14,007 14,007 18,000	14 Seso Seso 84.999 1.186.905 5187.188		\$6,389,628 \$3,180,699 \$9,570,426
Sep.17	þ	155.210 156.317 0 0 155.317	16,872 135,673 22,661 0		193 9,831 15,310 0		23,786 2,568 0 0 0	žā.	24 85 O 83 A 1	#			71 83,660 83,675 83,675 22,672 206,737	6		\$5,921,920 \$1,979,941 \$7,911,881
Aup-77	(g)	155,812 154,737 0 0 154,737 8782,412	17,149 133,374 25,621 0	\$5.06 \$806.471	205 9.535 14.025 0		1,586 25,476 1,778 0	<u>5</u>	7 E O S F	29			71 \$3,557 \$3,675 \$283 408,184 213,257 \$23,471	14 8850 8850 82,836 1,116,483 5171,67 1,116,483	\$57,173	SE,979,150 S1,395,678 S7,373,1827
71-100	(0)	153,877 153,877 153,877 153,877	17,024 134,404 23,928 0		7.904 7.904 14.576		1,520 24,548 1,416 25,965	8	2 6 0 8 2	4 14 8			71 \$3,675 \$1.88 38,892 184,238	14 S6E0 8E0 \$2.009 1.13E.013 \$174.701 1.13E.013	\$45,327 \$59,820	\$5,862,468 \$2,049,742 \$7,912,210
Jun-17	崖	155,869 200,770 0 0 200,730 51,033,308	17,344 165,628 10,688 0	1	205 10,418 17,609 0		1,596 26,023 3,772 9,772 29,795		4 to 0 to 1	- F S		1 1	7 83.650 83.752 82.752 82.7538	14 \$950 \$775 \$4.25 \$198.26 \$198.26	\$65.337 \$77.142	\$6,134,747 \$2,208,656 \$8,443,603
X8:17	(m)	662'850'73 90'807 0 0 0 0 0 0 0 0 0 0 0 0 0	17,819 225,116 31,069 0	**	212 14.723 20.400 0	۰°	1.578 3.101 0.00		* \$ 0 \$			1 11	52,000 53,725 53,88 538 538 538 538 531 882 531 882	2650 2775 24.727 1,072,108 2,539,097 1,072,108	\$53,628	\$6,753,589 \$3,812,886 \$10,566,275
Apr-17	孽	157.294 877.744 0 0 877.744 87.744 83.248.205		\$4.39 \$1.980,157		41 1065 S4.38 S183.881	1,508 69,347 12,642 81,589	×	1,436	"			71 \$3725 \$3725 \$344 \$42263 \$24,860	14 secto s775 s8,223 1,065,083 5,159,796 1,065,088	549,919	\$7.681,803 \$6,311,309 \$13,993,112
Mar-17	8	1,415,818 0 0 1,415,818 SG207,231	i	\$4,38 \$2,734,021		\$6,38 \$4,38 \$303,676	11	<b>6</b> 4	1,508	-		1 11	23,550 23,755 5,257 488,454 278,340 278,340	14 \$650 \$775 \$7740 1,208,622 1,208,622	\$74.821 \$191.876	\$9,252,486 \$8,912,080 \$19,164,545
R, 31 2019 Feb-17	e	1,996,699 1,996,639 0 0 1,996,639 58,753,227		\$5,586,579		78.067 \$4.38 \$342.262		60	1947	"		1	7.1 83,550 83,775 \$234.81 222,440	14 5773 56.312 56.312 11.32.18 51.72.713		\$10,313,542 \$13,647,832 \$22,951,374
EST YEAR ENDING MAR, 31 2019 ec.16 Jan-17 Feb-1	(i)	158.882 1.911,617 0 0 1.911,617 \$7,909,697	i	\$4,14 \$3,331,226		114,623 S4,14 S474,277	2,522 127,721 37,901 0	G.	247		125 \$8,150 \$6,475 \$205 37,314 583,981 142,735	1 11	71 \$3,560 \$3700 \$220 495,071 201,139		\$58,138 \$150,373	\$10,359,993 \$12,594,803 \$22,954,797
TEST YE Dec-16	æ	157.880 1,917.140 0 0 1,517.143 56,277.690		S4.14 S2.638.871		\$4.14 \$4.14 \$236.432	1,554 23,034 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000 0,000	35	1,812	"	56,150 56,150 56,475 5801 37,500 582,420 144,848	1	77 \$3,000 \$410 \$410 \$00,653 27,409	14 Seco Saco \$15,785 (1343,897 \$207,627		\$9,440,936 \$9,986,537 \$19,439,522
Not-16	(a)	154,516 870,246 0 0 870,246 23,600,877		\$4.14 \$1,730,740	Į.	30,327 \$4,14 \$1,25,432	1,556 78,400 9,758 0 0	<b>5</b> 5	705 0 20 2			1   1	71 83,550 83,700 84,634 26,731 26,731	14 \$850 \$900 \$4624 1.201.001 1.201.001	\$126,545	S7,773,487 S5,895,838 \$13,630,426
01±16	¢0	155,225 328,032 0 0 328,032 \$1,346,858	16,778 156,657 15,029 0	\$4,09 \$855.173	189 1948 1948	28,480 S4,09 S116,581	25,725 4,38 0 0	S.	2 2 2 2 2 3		124 58,100 58,400 35,639 55,639 56,739 50,741		73 43,650 53,700 5308 445,673 24,823 534,587	14 5650 5650 54,989 1,585,805 5187,188	\$88,176 \$51,714	\$5,379,757 \$2,569,124 \$6,948,882
Sep-16	(e)	152910 156010 0 0 0 156010 SG33,612		\$4.09	l	\$4.09	23,786 23,786 2,568 0 0	49	28089			1 []	71 83,676 83,675 8249 22,012 633,775	44 8550 82282 82282 11.115728 847482 8573811,1	\$55,395 \$52,302	S5,972,638 51,694,007 57,516,643
Austē	Ŷ	155,312 154,439 0 0 0 0 154,439 200 200 200 200 200 200 200 200 200 20	17,146 133,874 25,621 0	54.09 5652.877	l	23.759 54.09 586.438	1,586 17,736 0 0	<i>L</i>	7 B C B S	"	25, 185 26, 135 26, 13		7: \$3,950 \$3,675 \$283 408,184 213,287 652,421		\$57,173 \$50,686	\$5,858,407 \$1,573,239 \$7,541,646
143 8148	(9)	155,447 153,579 0 0 153,579 8568,182	-	53.69 5583.707		22.483 \$3.69 \$82.874	24,549 24,549 1,416 0 2,5365		2				53,600 \$3,676 \$138 381,934 381,238	14 seso seso 82,029 1,138,013 \$174,007	\$45,327 \$48,460	\$5,845,829 \$1,450,046 \$7,285,876
Rag	(8)	\$19.49 1.4483 0.6593 0.65987	51.98 1.4483 0.8989 0.6987		51.98 1.4483 0.8969 0.6987		51.58 1,4483 0,8569 0,6587		396.49	395.49 0.8771 0.6967	1,699.43 1,0119. 1,01787.0	1.0862 0.6727 0.5240	0,9000 0,9000	\$354.08 Various		
Cass of Customers	(8)	PRESIDENTIAL (Pass G-1) 2 FRAIL BLLS 3 SHIRK - 1300 5 SHIRK - 1300 5 SHIRK - 1000 5 SHIRK - 1000 5 SHIRK - 1000 6 SHIRK - 1000 7 SHIRK - 1000 7 SHIRK - 1000 8 GEN COSE 8 GEN COSE	60 FRM COMMERCIAL (Rate G-1) 11 FRM BILS 12 Sales 10-15000 15 Sales 20-1-15000 14 Sales 20-1-15000 14 Sales 20-1-15000	s Charge per ঋর্য ን Costs	an Industralal fraig G-1) an Bill.s est 1-300 est 301-15000 est 301-15000	ASS TOTAL (Methocub) s Chame per Mor s Costs	NA PUBLIC AUTHORITY (Pase G-1) AN BILLS SET 1-200 SET 2000 SET 200	S COSTS S COSTS S COSTS ERRUPTIBLE COMMERCIAL (G-2)	BULLS Reg. 1-15000 Reg. Cycl. 15000 4SS TOTAL (Molmostin s. Charace Der Mol	44 NESSUCIAL SADUSTRALIGO, SESTION STRALIGO, SESTION S	17 TRANSPORTATION (7-4) TRANSPORTATION (1-4) EST TRANSPORTATION BILLS EST TRANSPORTATION BILLS TO PHIND FEW TO PHIND FEW TO PHIND FEW TO TRANSPORTATION TO THE TRANSPORTATION THE TRA	13 CONTAINED DEV RATE (EDR) 14 ECCNICANIC DEV RATE (EDR) 15 Film Thansport 13-1800 16 Film Tansport 201-1800 17 Film Tansport Cover 18000 18 CLASS TOTAL (Mafmento)	70 TRANSPORTATION (T.3) TRANSPORTATION (T.3) TRANSPORTATION BILLS TO TRANSPORTATION BILLS TO TRANSPORTATION BILLS TO TRANSPORTATION BILLS TO TRANSPORTATION TRA	ECOLA, CONTRACTS ANSPORTATION BILLS IN Adain Fob IN Adain Fob INSOCRET Volumes INSOCRET Volumes INSOCRET VOLUMES INSOCRET VOLUMES INSOCRET VOLUMES INSOCRET VOLUMES	HER REVERUE vice Charqus e Pavment Foes	ITAL GROSS PROPIT 15 Cosid 17 AL REVENUE
No C588		- 20 0 + 4 0 0 V 8 0 0 M M M M M M M M M M M M M M M M M	# # # # # # # # # # # # # # # # # # #	6. 7. 7. 5. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	25 25 25 25 25 25 25 25 25 25 25 25 25 25 25 25 25	주 K K I	28.83.93.93.83.93.93.93.93.93.93.93.93.93.93.93.93.93	35 SE	# # 6 4 4 6 E 33 31의 8 6	3 年 4 8 4 4 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8	88 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 9 8 8 8 9 8 8 8 9 8 8 8 9 8 8 9 8 8 9 8 8 9 8 8 9 8 9 8 9 8 9 8 9 8 9 8 9	582 882 882 882 882 882 883 883 883 883 8	8 5 2 2 2 2 3 3 3 3 4 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	85 88 OTI 89 Ser OTI	28.82 57.93 10.00

08-21 Bal	154.725 332.288 0 0 0 352.288 81.647.301	18,778 :59,657 59,028 0,028 218,687 54,68 \$1,018,384	188 8,595 19,486 0 28,480 54,66 54,56	1,554 30,752 4,348 0 14,100 54,66 54,56	51 51 53.38 5172 5172	7 14,615 0 14,615 \$3.38 \$49,402	124 \$6,100 \$6,400 \$639 36,639 425,416 89,766 89,766	0 0 15,030 15,000	71 83.890 83,700 83.06 445,673 248,973 884,597	5650 8650 8650 84,989 1,185,895 1,185,895	\$88,176 \$63,765 \$6,732 \$2,999,236 \$9,354,967
Sep-21 (bm)	157.541 0 0 157.541 157.541 84.68 \$733.624	16,872 135,673 22,661 0 156,334 \$4,66 \$737,318	193 9831 15,310 0 25,141 \$4,65 \$117,073	1,524 21,728 2,588 0 0 26,334 54,66 51,02,722	56 52.28 5191	28,622 4,785 33,41,7 \$3,38 \$112,954	124 86.100 86.350 87.257 39.358 70.462 466.428	0 15.046 15.048	71 \$3,550 \$3,675 \$349 427,012 206,767 653,769	5650 5650 5650 52262 1.115.726 5174 865 1.116.726	\$55,386 \$54,354 \$5,456,140 \$1,823,883 \$7,783,023
Aug-21 (bi)	156.812 156.930 0 156.930 54.68 \$726.124	17,148 133,874 25,621 0 159,495 \$4,68 \$742,724	209 9.535 14,025 14,026 23,669 84.66 \$109,710	1,593 25,476 1,736 27,272 54,66 S1,26,717	2 53 53 53 53 53 55 55 55 55 55 55 55 55	27.820 0 27.920 \$3.36 \$3.36 \$94,038	124 56,100 56,350 51,555 34,020 354,220 354,320 80,380 488,701	0 16,523 16,523	77 \$3,550 \$3,675 \$263 409,164 213,257 822,421	14 SESO SESO \$2,635 1,178,463 \$177,817	\$57.173 \$53.860 \$6.002.976 \$1,799,509 \$7,802,485
75/10/ (346)	155,947 155,070 0 155,070 54,63 5717,777	17,024 134,404 23,928 0 158,332 54,63 \$732,870	183 7,904 14,576 0 22,480 \$4,63 \$104,062	1,520 24,549 1,416 25,965 54,63 \$120,193	16 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 41,347 7,742 49,099 \$3,35 \$164,552	124 86,100 86,325 853 34,058 36,683 57,209 447,104	10.434 10.434	71 \$3.676 \$3.676 \$138 361,834 184,238	14 \$650 \$650 \$2,029 1,136,013	\$45,327 \$58,226 \$5,485,891 \$1,899,480 \$7,725,471
Jun 21 (53)	158,099 202,258 202,256 54,63 53,077	17,344 165,629 10,686 177,316 54,63 \$820,735	205 10,418 17,609 0 20,027 84,63 \$129,729	1,536 26,023 3,772 29,795 \$4,83 \$137,911	22 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	9 16,531 16,531 53,35 \$55,415	225 S6.750 S6.450 \$700 34.587 368,788 91.845 51.5021	19.834	71 \$3,650 \$3,725 \$382 420,178 647,776	14 5850 \$775 \$4.258 \$136.281 \$136.281	\$55,387 \$75,276 \$6,158,462 \$2,090,015 \$8,239,506
May-21 fbil	160,480 411,146 0 0 411,126 \$4,63 \$1,903,066	17.819 225.116 31.059 0 256.176 54.63 51.385,766	212 14,723 20,400 0 35,123 54,63 \$162,572	1,676 43,888 3,101 0 46,939 \$4,63 \$217,498	704 704 709 52.38	24,178 0 24,178 55,335 \$5,335	125 \$8.150 \$8.500 \$1.75 35.373 411,868 79.054 556.385	0 0 19507 19507	71 \$3.60 \$3,725 \$381 455,145 231.862 697.007	12 SBED S775 \$4,727 1,072,108 \$1,032,108	\$53,628 \$109,780 \$6,783,629 \$2,652,297
Apr 21 (bh)	155,494 884,504 0 0 894,504 84,51 53,986,864	17,568 386,339 37,868 0 424,287 54,51 \$1,912,454	196 20,328 21,636 0 41,965 54,51 51,81154	1,509 68,347 12,642 0 81,989 84,51 \$368,564	3 (,435 1,435 \$3,23 \$4,636	8 17,348 17,346 53,28 \$55,042	125 \$6,150 \$8,500 \$88 38,160 409,887 70,783 516,548	17,436	72 \$3,726 \$3,726 \$3,726 \$3,44,263 \$24,860 \$25,122 \$607,122	14 S850 S775 S81223 1,081,083 \$115,756 1,065,083	\$48,819 \$151,843 \$7,718,134 \$6,818,714 \$14,236,847
Mer-21 (bq)	151,039 1,426,644 0 0 1,426,544 \$4,51 \$8,430,088	17,928 559,898 63,709 623,605 54,51 \$7,610,835	212 31,855 37,476 0,312 89,312 54,51 5312,420	1.595 107,884 18,795 0 126,779 84,51 S671,449	1,506 0 1,606 51,255 54,865	24,184 9,877 33,561 53,23 \$1,23	125 86,150 83.500 33.50 37,200 519,504 140,157 696,861	24.758 24.758	71 \$3,650 \$3,725 \$287 483,454 279,340	14 \$650 \$775 \$7,403 1,208,822 \$180,723	\$74,821 \$195,180 \$9,296,711 \$10,228,139 \$18,533,849 \$
44 25	160,783 2,011,697 0 2,011,697 84,51 \$8,057,840	17.892 743.241 90.338 0 833.579 \$4.61 \$3.757.324	230 36,370 41,697 0 78,067 54,51 83,51,884	1,546 142,236 28,802 0 171,067 54,51 \$4,51 \$770,942	1947 1947 1947 1947 1948 1948	16 35.051 9.681 44,732 53.23 5144,524	125 SE,150 SE,475 SS97 37,440 458,167 114,808 ESO,415	18.196	71 53,550 53,725 5234 453,481 242,440 695,923	14 \$860 \$776 \$6312 1,137,558 \$1,73,785	\$191.130 \$191.130 \$10.370.332 \$14,090,000 \$224,499,538
Jan-21 (be)	160,062 1,926,199 0 1,926,199 54,57 S8,800,455	17,874 687,483 117,608 0 805,092 \$4,57 \$4,57 \$3,678,322	222 43.047 71,576 114,623 \$4,57 \$623.694	1.652 127,758 37,801 165,659 \$4,57 \$756,865	2477 2477 2477 8828 88.54	9 60.531 13.578 64.109 53.28 \$2.28	28,150 \$8,150 \$8,150 \$203 37,314 583,911 142,733 764,008	25.283	23,550 53,700 523 495,071 301,139 796,210	3650 8600 88,28 1,361,383 \$209,036 1,361,383	\$160,047 \$100,44775 \$13,978,660 \$24,392,734
Dec.20 (bd)	159.080 1.528.035 0 1.528.035 \$4.57 \$6.5984.980	17,535 591,521 60,743 0 652,264 \$4,57 \$2,80	196 34,045 38,372 0 70,917 \$4,57 \$4,57 \$324,006	1.561 111,646 23,894 23,500 135,000 \$41,57 \$61,67	1.812 0 0 1.812 \$5.29 \$5.306	40.531 12.687 53.218 \$5.28 \$175.206	125 \$6.150 \$8.475 \$801 37,500 582,420 144,242 144,768	0 34.213 34.213	71 \$3,660 \$3,700 \$410 \$00,683 274,098	14 S650 S15.795 1.343.897 \$207.677 \$207.677	587.101 \$109.538 \$3.487.030 \$11.086.508 \$20.573.535
Nov-20 (DC)	155,716 877,067 0 0 877,067 54,57 54,57	17.200 410.419 7.887 0 418.286 \$4.57 \$1.911.073	204 15,219 0 20,377 \$4,57 \$138,557	1,556 76,400 8,798 0 185,198 84,57 \$4,57 \$389,256	502 502 502 83.28 81.28	26,033 0 26,033 83,29 885,706	125 56,150 574 574 36,965 489,587 84,195 94,195	16.271	71 82,550 83,700 54,48 475,354 224,791 730,155	\$4 \$850 \$800 \$4,624 1,201.033 1,301.033	\$122,545 \$87,059 \$7,810,023 \$6,533,408 \$14,343,432
Or-20 (thb)	154.425 331.608 0 0 331.609 54.65 \$1,622.284	16.779 159.657 59.029 0 218.657 51.017.081	2.995 2.995 19.486 2.28.480 54.65 5132.458	1,554 36,752 4,348 0 41,000 41,000 54,665 S191,151	2 51 51 51 51 51 51 51 51 51 51 51 51 51	7 14.815 0 14.815 \$3.37 \$49.231	124 SR,100 SR,400 SRB 32,5339 422,416 69,779 SS0,814	0 15,000 15,000	77 \$3,550 \$3,700 \$306 \$46,673 \$48,923 \$69,597	14 S650 \$650 \$4,889 1,165,805 \$1,105,805	\$99.176 \$63.879 \$6,409.843 \$2,932,417 \$9,341,260
Sep 20 ba)	154,110 157,235 0 0 157,235 84,65 \$731,277	16.872 125.881 22.881 0 159.334 54.65 57.36.390	193 9.831 15.310 0 25.141 \$4.65 \$1.6.926	2,588 2,588 2,588 0 2,6354 84,86 \$1,22,588	2 56 0 68 5337 \$337 \$190	28.622 4,796 23.417 53.33 \$112,701	124 56.100 56.100 56.350 4721 34.597 391.482 70.482 499.428	0 15.048 15.048	71 \$3,650 \$3,675 \$349 427,012 200,757 633,769	14 SESO SESO \$2,282 1,115,726 \$174,865 1,115,726	\$56,288 \$5,949,784 \$1,820,062 \$7,769,815
Acc-20 (az)	155,512 155,632 0 155,632 \$4,85 \$7,23,822	17.149 133.874 25.621 0 139.495 \$4.65 \$741,788	203 9,535 14,025 0 23,559 54,65 \$1,65	1,553 25,476 1,736 0 27,212 \$4,65 \$1,28,557	59 59 69 53.37 \$169	8 27.820 0 27.820 \$3.37 \$33.825	124 \$5,100 \$5,350 \$155 34,020 394,302 \$1,380 \$1,380	0 16.523 16.523	74 \$3,650 \$3,675 \$283 493,164 213,257 622,421	14 S650 S650 E2,635 1,116,463 E171,617	\$53,736 \$5,736 \$1,785,765 \$7,792,395
(ev)	155,647 154,772 0 0 154,772 54,63 87,16,589	17,024 134,404 23,928 0 158,332 54,63 57,33,073	182 7,904 14,576 0 22,480 84,63 81,04,081	1,520 24,549 1,416 0 25,565 54,63 54,63	2 16 0 53.35 553	9 41,347 7,742 48,089 \$3.35 \$1.63	124 88,100 86,325 853 34,068 36,526 57,208	0 0 10434 10434	71 \$3,650 \$3,675 \$138 381,954 184,238 565,172	14 \$650 \$650 \$2029 1,136,013 \$174,707 1,136,013	\$45,327 \$58,158 \$6,879,644 \$1,838,543 \$7,718,138
Jun-20 (sec)	157,789 201,872 0 201,872 \$4,63 \$934,660	17.344 166.629 10.695 0 177.315 \$4.63 \$820.992	205 10,418 17,609 0 28,027 \$4,63 \$1,63 \$1,63	1.538 26.023 3.772 0 0 52.795 54.63 \$137,949	25 53 53.35 543	9 16,531 16,531 53,35 865,407	125 38.155 58.455 \$1.00 34.597 388.769 91.845 91.845	19.934 19.934	23.550 53.725 53.725 5382 420.178 227.588	14 5650 \$775 \$4,258 879,128 \$1730,281	\$15,190 \$75,190 \$6,152,003 \$2,078,792 \$8,235,796
May-20 (aw)	160.180 410.378 0 0 410.378 \$4.63 \$1.800.038	225,116 31,059 0 256,176 \$4,63 \$1,65,085	212 14,723 20,400 0 35,123 54,63 51,62,818	1,576 43,888 3,101 0 45,989 \$4,63 \$217,558	707 0 207 \$3.39 \$2.38	24,178 0 24,178 53,38 \$5,38 \$5,38	125 \$5.150 \$9.500 \$175 35.373 411,868 79.055	0 0 19507 19507	71 53,725 53,725 5361 455,145 231,862 887,007	14 seco 5775 54,727 1,072,108 8169,087 1,072,108	\$51,0012 \$110,012 \$8,776,501 \$3,640,691 \$10,326,491
Apr-20 (ev)	58,194 882,814 0 0 882,814 \$4,54 \$4,005,240	17,568 386,339 37,896 0 424,287 \$1,824,947	20,329 21,636 0 41,966 54,54 5416,389	1,509 12,347 12,642 0 0 11,989 14,54 24,54 24,54	1,435 0 0 1,435 53.26 54,676	17,346 0 0 17,346 53,26 556,523	125 88,150 88,500 88,98,500 409,697 70,733	0 17.435 17.435	71 \$3,000 \$3,725 \$344 \$42,265 \$24,860	\$150 \$550 \$775 \$4223 1,065,099 \$156,796	\$48,918 \$152,319 \$7,710,215 \$6,553,752 \$14,263,967
Mar-20 (atr)	160,739 1,423,871 0 0 1,423,871 \$4,64 \$6,459,01	17,938 559,898 63,709 0 673,508 \$4,54 \$2,829,248	212 31,835 37,476 0 69,312 \$4,54 \$314,461	1,568 107,984 18,795 0 126,779 54,54 84,54	3 1505 0 1508 \$2.28 \$4.907	24,184 24,184 9,377 23,551 53,28 \$106,352	125 \$8.165 \$8.500 \$500 \$300 \$19,500 \$19,500 \$19,500 \$19,500 \$200 \$200 \$200 \$200 \$200 \$200 \$200 \$	24.758 24.758 24.758	23.550 53.725 52.725 5287 483.454 2783340 762.734	14 5650 5775 57,03 1.208,022 41,83,723 1.208,022	\$198,717 \$198,717 \$9,288,528 \$10,293,119 \$19,579,647
Feb-20 (at)	160.483 2,007.912 -0 0 2,007.912 54.54 S8.106,697	17,690 743,241 90,338 0 833,579 84,54 \$3,781,868	210 36,370 41,697 78,067 78,067 \$4,54 \$354,183	1,548 142,236 28,802 0 171,037 \$4,64 \$775,978	8 1,947 0 1,947 53.26 \$55,53	18 35,061 9,681 44,732 \$3,28 \$145,784	125 \$6,150 \$6,475 \$337 37,440 498,187 114,808	0 18,199 18,169	53,650 53,725 52,725 8,234 463,481 242,440 895,921	14 8650 8775 56,312 1,137,568 8173,756 1,137,668	\$54,439 \$191,409 \$10,359,682 \$14,173,835 \$24,539,716
Jan-20 (ass)	159,782 1.922,541 0 1.922,541 \$4,69 \$8,822,106	17.874 687.483 117.606 0 805.692 54.69 \$3.694.801	222 48,047 71,576 114,623 54,69 55,69	1,552 127,758 37,501 0 166,659 54,69 57,60 57,60	2,477 0 0 5,477 59,31 58,200	9 50,631 19,672 64,108 53,31 52,12,262	125 \$5,150 \$203 \$7,314 \$83,314 \$83,314 \$83,314 \$142,723	0 25.233 25.233	17 53,520 53,700 52,533 45,071 301,139	\$550 \$500 \$6228 1,381,393 \$200,035	\$160,262 \$160,262 \$10,402,244 \$14,024,685 \$24,427,939
Dec-19 (art)	158,790 1,525,921 0 0 1,525,921 \$4,59 \$7,002,897	17,535 581,521 60,743 0 652,284 \$4,59 \$2,993,429	195 34.045 36.872 0 70.917 \$4.59 \$3.226.459	1,551 111,646 23,384 23,384 135,030 14,59 84,59 8615,694	3 1612 0 0 1612 SS31 S5336	40,531 12,687 53,218 53,31 51,76,203	125 S8.150 S8.475 801 37.500 182.430 144.848	0 14213 14213	23.650 \$3.700 \$3.700 \$410 \$00.663 274.086	2650 8800 815,795 1.345,897 \$207,877	\$67.101 \$109,645 \$9,477,069 \$11.123,017 \$20,600,086
Nov-19 (ed)	155,416 875,362 0 875,362 84,69 \$4,0017,281	17,200 410,419 7,867 6 418,286 54,59 \$1,919,635	204 15,108 15,219 0 0 20,327 \$4,59 \$1,39,178	1,556 78,400 8,798 0 0 85,198 \$4,58 \$4,58 \$300,388	502 0 0 502 503 53.31 \$1,663	28,033 0 26,033 53,31 586,194	125 86.159 86.175 87.4.75 86.2787 86.2787 89.196 80.447	0 16271 16271	23,500 \$3,700 \$3,700 \$446 475,364 224,791 730,165	14 See50 Se00 \$4,624 1.201,011 \$186,885 1.201,011	\$128,545 \$67,085 \$7,801,722 \$8,554,960 \$14,336,692
Oct-19 (ap)	154,225 330,985 0 0 330,985 \$4,87 \$1,546,387	16.778 159,657 59,028 0 219,897 \$4,87 \$1,021,785	189 8,995 19,486 0 0 28,487 \$133,070	1,554 38,735 4,348 4,548 5192,005	51 51 51 51 51 51 51 51 51 51 51 51 51 5	7 14,816 0 0 14,816 53.38 \$49,580	124 \$6,100 \$6,400 \$88 35,639 426,418 69,759 530,814	15.000	71 83,660 83,700 8306 44,5873 248,963 894,697	14 SESO SCSO SCSO 1,185,805 5187,188	\$88,176 \$53,676 \$6,402,069 \$2,943,030 \$6,345,089
Sec-19 (an)	153,810 158,928 0 0 92,925 158,629 18,733,229	16.872 135.673 22.661 0 0 158.334 84.67	193 9.831 15,310 0 25,141 8.467 5117.488	2578 2578 2578 2578 2578 2575 2575 2575	55 50 53 55 53 55 54 55 55	28,622 4,785 4,785 33,417 53,39 5113,361	124 58,350 58,350 8121 34,597 70,482 488,423	0 0 15048 15,048	71 \$3.550 \$3.675 \$349 427,012 206,761 653,769	5850 8850 82282 82282 11.15.726 817.4865	\$55,265 \$5,265 \$5,843,470 \$1,827,478 \$7,770,649
Auc-19 (an)	156.212 155.324 0 0 155.334 84.67 8725.775	17.149 133,674 25,621 0 159,485 54,65 57,45,279	208 9,535 14,025 0 23,559 \$4,67 \$110,078	1,593 25,478 1,736 1,736 27,272 54,677 54,677	2 59 0 0 53 53 53 5200	27.820 0 27.820 \$3.39 \$94.375	124 s6.100 \$6.350 \$140 34.020 364.302 \$0.360 496.701	0 16523 16523	77 \$3,550 \$3,675 \$2,63 \$09,164 273,257 622,427	14 S850 S850 \$2635 \$1,116,463 \$171,617	553.595 \$53.595 \$5,940,453 \$1,802,790 \$7,793.243
Jul-19 (am)	155,347 154,474 0 0 154,474 \$7,23,815	77.024 134,505 23,928 0 0 159,332 54.69 5741,836	183 7,504 14,576 0 0 22,480 54,69 5105,338	1,520 24,549 1,418 0 0 25,865 84,89 S121,684	2 16 0 16 53.41 53.41	9 41.347 27.72 49.039 83.41 8167.180	124 88,100 88,305 853 34,058 355,836 57,203 447,104	0 0 00 00 00 00 00 00 00 00 00 00 00 00	77 82,550 83,675 81,335 91,934 14,736 77,836	14 8850 8850 82,003 1,136,013 81,74,707	\$46.327 \$58.288 \$5.873.486 \$1.859.842 \$7.753.437
Jun-19 (alb	157,489 201,488 0 0 201,489 54,69 54,69	17.344 18.629 10.696 0 0 17.315 54.69 54.69	205 10,418 17,509 0 0 28,077 54,69 5131,327	1,538 28,023 3,772 0 29,785 54,68 \$139,603	2 15 0 0 15 83.41 250 850	16,531 0 0 16,531 23,41 856,300	125 86.150 86.450 8100 346.387 91.646 615.021	0 0 19.934 19.934	77 \$3,550 \$3,725 \$382 \$20,178 \$47,776	14 SEGO S775 \$4,258 B79,128 \$138,561 \$738,261	\$55,397 \$75,450 \$5,145,860 \$2,102,238 \$4,248,099
May-19 (et/)	159,880 409,809 0 0 409,809 54,609 54,609	17,819 225,116 31,059 0 256,178 54.59 51,200,350	212 14,723 20,400 0 35,173 \$4,103 \$164,575	1.576 43,888 3,107 0 46,589 84,89 \$2,20,177	704 704 105 104 105 105 105 105 105 105 105 105 105 105	24,178 0 0 24,178 \$3.41 \$62,341	275 86,780 86,590 8175 36,373 411,859 79,054 526,395	0 0 19,507 19,507	71 \$3,725 \$3,725 \$381 455,145 231,882	14 Seeso S775 SA,727 1,072,108 S158,037 1,072,103	\$53,628 \$110,841 \$5,770,789 \$2,689,150 \$10,359,919
Apr-19	157,894 881,124 0 0 881,124 84,62 84,62	17.568 38.389 37.898 424.287 \$4.62 \$1.961,722	195 20,329 21,836 0 41,865 \$4,625 \$184,026	1,509 88,347 12,542 0 81,589 81,589 81,589 81,589	3 1,436 0 0 1,435 83.24 84,768	5 17.346 0 17.346 83.34 857.586	125 \$8,500 \$8,500 \$160 403,697 70,793 516,628	0 0 17.435 17.436	7 83,650 83,725 8344 642,830 84,830 866,173	14 8850 8776 80,223 1,065,086 51,065,099	\$49,319 \$1,374,974
Mar-19 (al)	160,439 1,421,181 0 0 1,421,181 \$4.62 \$8,570,943	17.508 556,639 63.709 0 623,609 84.63 82,883,289	212 31,825 37,478 0 0 0 0 0 32,478 320,488	1,598 107,984 18,795 0 1,08,779 54,627 S588,171	1,508 0 1,508 1,508 53,34 \$5,035	24,184 9,377 30,551 \$3,34 \$112,213	125 S6.150 S6.500 S366 37,200 E19.504 140.157	24,758 24,758	73 8,3,126 8,3,126 4,33,454 4,33,454 7,12,344	14 5060 5775 87.03 1,208.022 \$183,723 1,208,922	574,821 5198,784 59,279,853 519,756,981
Feb 19 (ah)	160.183 2,004.128 0 0 2,004.128 54.62 89,286.224	17,890 743,281 90,338 0 833,579 84,62 \$3,864,120	210 36,370 41,697 0 28,697 \$4,62 380,949	1.546 142.235 28.802 0 177.037 54.62 5790,803	3 1,947 0 1,947 28,340 18,640	16 35,051 9,631 44,732 \$3,42,564	125 56,175 56,475 537 37,440 498,157 114,809 800,415	0 18,199 18,199	222.46 22.46 52.46 453.46 453.46 242.46 595.64 595.64	14 Sego S775 S6,372 1.137,855 S173,755 1,137,555	\$56,439 \$193,955 \$10,361,107 \$14,428,181 \$24,779,288
Jan-19 (aa)	155.482 1,918,900 0 1,918,900 \$4,70 \$9,005,541	17,374 687,485 117,308 0 806,092 84,70	222 43.047 71.578 0 114.623 84.70	1,562 127,758 37,901 0 165,659 54,70 5778,312	2477 0 0 2477 5342 58466	9 50.551 13.578 64.109 53.42 \$2.42	125 86.150 86.475 \$203 37.314 5833.641 142.733	25.33	71 \$3,550 \$3,700 \$238 \$456,071 301,128	14 \$650 \$600 \$628 1.381.393 \$209.035 1.281.393	\$56,133 \$162,283 \$10,394,155 \$14,342,542 \$24,736,597

(a)	158,689 200,023 0 0 0 200,023 34,78 8872,075	17.344 166.629 10.686 17.335 54.79 54.79	205 205 10,478 17,609 0 28,027 54,73 \$194,134	1,536 26,023 3,772 29,795 54,79 \$14,79	2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9 16,531 0 0 16,531 83,42 856,553	125 88,150 86,450 8100 34,687 388,739 318,739 318,746 318,746 318,746 318,746	0 0 19.934 19.334	\$3.550 \$3.725 \$3.725 \$20.27 \$420.178 \$47.776	14 \$850 \$775 \$4.256 879.128 \$138.281	\$56,397 \$76,479	S&172,500 S2,154,512 S8,327,013
Man-23 (co)	161,080 412,698 0 0 412,699 54,79 \$1,976,005	17,819 225,116 31,069 31,069 255,176 54,79 51,79	212 14.723 20,400 0 35,123 54.79 \$1.88.168	1,576 43,888 3,101 46,989 \$4,79 \$4,79	704 704 704 53.42 52.408	10 24,178 0 24,178 53,42 \$3,42	125 \$6.150 \$6.500 \$7.75 36.373 411.958 79.054 6206.386	0 19507 19507	77 \$23,725 \$381 455,145 \$31,882 \$91,007	14 SEE0 ST75 S4,727 1,072,108 \$169,097 1,072,108		56,793,339 53,680,84¢ 510,480,182
Apr-23 (d)	159.09¢ BB7.884 0 BB7.884 \$4.114,687	17,568 386,389 37,888 424,287 54,63 54,63	195 20,329 21,636 0 41,865 54,63 \$184,474	1,509 68,347 12,642 0 81,989 \$4,63 \$379,958	3 1,425 0 1,435 53,27 54,688	8 17,346 0 17,346 \$3.27 \$56,672	125 \$8,150 \$8,500 \$8,80 38,160 409,697 70,783 516,649	0 17.435 17.435	72,550 53,725 53,725 524,225 224,950 667,123	14 SESTO STTS SEL 223 1,085,085 ST59,786 S159,786		\$7,737,575 \$6,716,705 \$14,454,280 \$
War-23 (09)	161,639 1,431,924 0 0 1,431,924 \$4,63 \$6,635,878	17,938 556,838 63,709 62,709 623,878 54,63 82,839,947	212 31,835 37,476 69,312 54,63 5321,207	1.565 107.984 18.795 0 128.779 \$4.63 \$4.63 \$4.63	3 1,506 0 1,506 53.27 54,920	10 24,184 9,377 33,561 53,27 \$109,650	125 S6,150 S6,600 S7,200 519,504 140,157 696,861	24.758 24.758	71 S3.550 S3.725 \$287 483.454 279.340 762.734	14 \$650 \$775 \$7.403 1,208,822 \$183,723 1,208,822		59,319,114 \$10,649,124 \$18,868,239
Feb-23 (cd)	161.383 2019.285 0 0 2019.286 \$4.63 \$4.63	17,690 743,241 90,336 832,579 \$4,63 \$3,893,006	210 36,370 41,697 18,087 78,087 \$4,63 \$351,782	1,548 142,236 28,802 171,037 \$4,63 \$792,627	3 1,947 1,947 \$3,27 \$5,28	35,051 3,681 3,681 44,732 53,27 \$146,148	125 \$6,150 \$8,475 \$337 37,440 498,167 114,886 ESO,415	0 18.199 18.199	73.550 \$3,725 \$234 \$3,481 \$42,440 \$42,440	9650 8650 86,312 1,537,558 \$17,37,558		\$10,387,556 \$14,527,774 \$24,925,329
Jan-23 (cc)	1.933,483 0 0 1.933,483 1.933,483 \$4,70 \$4,70	17.874 687.483 117.608 0 905.092 54.70 \$2.786.651	222 43,047 71,576 0 114,623 54,70 \$538,574	1,562 127,758 37,801 0 166,669 54,70 \$778,849	2,477 0 0 53,34 53,34 58,280	9 50.631 19.678 64.109 53.94 \$2.13.807	125 \$6,160 \$103 37.314 583.51 583.51 583.51 142.733	25.233 25.233	71 53,760 53,700 5220 495,071 301,139 796,210	14 S820 S8228 \$228 \$209.09 \$351.305		\$10,436,588 \$14,417,143 \$24,856,731
Dec-22 (cb)	159,669 1,534,649 0 0 1,534,649 84,70 87,216,131	17.535 561.521 60.743 60.2743 60.2784 84.70	196 34.045 36.872 0 70.917 \$4.70 \$4.70	1551 111.646 23.384 23.384 0 126.030 84.70 84.70 8624,931	3 1.612 0 1.612 53.34 \$5.375	8 40,531 12,657 68,218 53,34 51,34 51,34	126 58.150 58.475 37.500 58.20 58.20 58.20 144.848	0 14213 14213	71 \$3,850 \$3,700 \$410 \$00,683 \$74,088	\$1 \$650 \$16.795 \$16.795 \$1.05.87 \$1.05.05.07 \$1.05.05.05 \$1.05.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05 \$1.05		\$9,509,073 \$11,434,416 \$20,943,488
Nov-22 (cs)	156.316 880.478 0 0 0 590.478 \$4.70 \$4.70	17,200 410,419 7,887 0 418,286 \$4,70 \$1,966,836	204 15,7108 15,219 0 30,327 \$4,70 \$1,70	1,556 76,400 8,796 0 85,198 54,70 \$4,70	3 502 0 502 \$3.34 \$1.676	26.033 0 0 52.033 \$2.34 \$3.34	125 \$6.150 \$7.4 \$7.4 \$6.985 \$4.23 \$4.23 \$4.23	0 0 16271	23.050 \$3.700 \$4.6 475.36 224.791 730.155	14 5650 5800 \$4,624 1.201,011 \$185,885 1.201,011	\$126,545	57,827,045 56,738,672 \$14,565,716
(pg. 32 (pg.)	155,025 332,813 0 0 332,813 54,68 \$1,581,786	15,778 159,657 59,029 0 210,687 54,59 \$1,026,921	189 8,985 19,486 0 28,480 54,69 \$1,69	1,654 38,752 4,348 0 41,100 84,69 \$1,69	2 51 0 53 42 53 42 5174	7 14,616 0 14,615 53,42 \$3,42	124 \$6.100 \$6,400 \$88 35,539 425,416 69,759 533,814	0 15,000 15,000	71 83,700 83,700 8306 445,673 248,822 694,597	14 \$650 \$650 \$4,899 1,146,805 \$167,185 1,186,805		\$5,422,686 \$2,664,236 \$9,386,921
Sep.22 (bv)	154,710 157,847 0 0 157,847 84,69 87,40,505	16,372 135,673 22,661 0 158,334 54,69 \$742,790	193 8,831 15,310 0 25,141 54,69 54,69	1.524 23.786 2.558 0 0 26.354 84.69 81.21.633	S 52 28 2	8 28,622 4,795 93,417 53,42 51,4167	124 28.100 86.350 8121 34.587 39.138 70.482 486.423	0 0 15.048	71 SSL650 SSL675 SSL49 427.012 205.763 503.768	9850 9850 82,282 1,115,728 8174,885	\$56,335 \$54,528	\$5,882,604 \$1,839,230 \$7,801,834
Aug-22 (bx)	157,112 156,229 0 0 156,229 84,69 8732,912	17,149 133,874 25,621 0 169,495 54,89 57,82,238	238 9.535 14.025 23.559 84.89	1.593 25,476 1,736 0 27,212 54,69 S1,27,557	2 59 0 0 53,42 \$3,42 \$202	27,820 0 27,820 53,42 53,42 56,046	124 S6.100 S6.280 S165 34.020 34.020 36.320 60.380 60.380	0 16.523 16.523	23.550 \$3.676 \$283 400.184 622.421	5650 \$850 \$2.635 1.116.463 \$171.617 1.116.463	\$57,173 \$54,018	\$6,009,410 \$1,814,576 \$7,829,986
16-22 (bw)	156.247 155.388 0 0 155.368 \$4.88 \$723.656	17,024 134,404 23,928 0 169,332 54,66 \$737,480	183 7,904 34,576 0 22,480 54,86 54,66 54,03	5,520 24,549 2,416 0 25,965 \$4,66 \$1,20,936	7 16 16 45,38 853	41,347 7,742 49,089 \$3,38 \$165,080	124 86,100 86,325 853 34,038 35,038 57,208 57,208	10,434	74 83,550 83,675 8138 381,534 184,238	14 5650 5650 52,028 1,136,013 5174,707	\$45,327 \$58,405	\$5,892,448 \$1,852,869 \$7,745,318
Jun-22 (bv)	202,638 0 202,638 0 202,638 24,688 24,688 24,688	17.344 166.629 10.636 177.316 54.68 54.68	205 10,418 17,509 0 28,027 54,68 51,80,542	1.536 28.022 3.772 0 29,795 54.68 51.88.775	2 50 0 51 88 88 88	9 16.631 0 16.531 53.38 53.38	125 88,150 81,00 34,587 388,789 388,789 388,789 31,845 81,845	0 119.934 18.934	71 53,050 53,725 53,02 420,178 22,7,896 647,776	14 \$650 \$776 \$4.258 879.128 \$136.281	\$55,397	SE,166,173 S2,094,992 S8,280,165
May-22 Ibu)	160,780 411,931 0 0 411,931 84,68 \$1,918,641	17,819 225,116 31,059 0 286,176 \$4,56 \$1,192,183	212 14,723 20,400 0 35,123 84,66 \$163,591	1,576 43,888 3,101 0 45,989 54,66 \$218,860	704 704 704 53.38 52.38	24,78 24,78 0 24,78 83,39 \$3,39 \$3,39	125 \$6.150 \$6.750 \$6.373 411.958 79.054 568.386	0 0 19507 19507	77 53,725 531,725 5381 5381 5381 531,862 687,007	\$1650 \$775 \$4,727 \$1,502,108 \$159,087 \$1,072,108	\$53,628 \$110,017	\$3,578,444 \$3,578,444 \$10,369,153
Aor-22 (bt)	158,794 855,194 0 0 855,194 \$4,51 \$4,51	17,563 366,389 37,898 6,287 54,51 \$1,916,365	185 20,329 21,636 0 41,965 14,965 14,965 14,51	1,509 68.347 12,642 0 81,889 \$4,61 \$4,61	3,435 1,435 1,435 13,24 51,649	8 17.346 0 17.346 \$3.24 \$55,181	125 \$5,150 \$5,500 \$98 35,160 409,697 70,783 70,783	0 17.435 17.435	77 53,725 53,725 53,44 64,2,25 224,263 667,1,72	14 Se20 \$775 B8,223 1,065,088 \$119,795 1,065,088	\$49.919	\$7,726,756 \$6,536,335 \$14,263,091
Mar-22 [bs]	161.339 1.429.234 0 0 1.429.234 54.51 \$6,51	17,928 569,838 63,709 0 623,608 54,51 \$2,815,164	212 31,835 37,476 0 69,312 54,51 54,51	1.566 107.984 18.795 0 125,779 \$4.51 \$4.51	1,506 0 0 1,506 53,24 53,24 54,878	10 24,184 9,377 33,551 83,24 \$108,720	125 58,150 58,500 53,500 57,200 579,504 140,157 140,157	24.758	71 S3,550 \$3,725 \$287 483,454 782,340	5850 \$775 \$775 \$7,403 \$1,208,822 \$183,773		\$9,306,890 \$10,385,994 \$18,571,885
7eb-22 [br)	161.083 2.015.483 0 0 2.015.483 54.51 59.088.533	17,890 743,241 90,338 0 835,578 84,51 83,763,043	210 32,370 41,687 0 78,067 54,51 \$352,420	1,548 142,236 28,802 0 171,037 \$4,61 \$772,118	3 1.947 0 1.947 \$3.24 \$6.307	16 25,051 9,681 44,732 53.24 51.24	125 38.150 86.475 5337 37.440 498.167 114.808 860.415	0 18.199	71 \$3,725 \$234 \$53,48 742,440 \$95,821	14 SB60 5775 \$6,312 1,137,858 \$173,785 1,137,658	554,439	\$10,382,779 \$14,137,328 \$24,520,107
Jan-22 (bq)	1,923,841 0 0 0 0 1,923,841 1,823,843 84,58	17.874 117.608 0 605.082 \$4.53 \$3.586.724	222 43,047 71,576 0 111,652 54,58 54,58	1,562 127,788 37,501 0 185,869 \$4,58	3 2,477 0 0 53,30 58,182	9 50.531 13.578 64.109 \$3.30 \$211.840	125 \$5,150 \$5,475 \$7,314 \$13,314 \$142,733 766,003	0 25,383 25,383	23,550 83,700 8223 495,071 301,139 796,210	2660 2600 2600 2600 2600 1,351,336 2500,035 1,261,330		\$10,425,719 \$14,027,476 \$24,453,194
Dec 23	159.390 1,591.734 0 0 1,531.734 54.58 57,014.210	17.635 391.527 60,743 0 652.284 54.58 52,996.885	198 24,045 28,872 0 70,917 54,58 \$4,58	1.551 111.646 23.354 0 125.000 54.65 S618.339	3 1,812 0 0 1,612 83,30 85,326	8 40,531 12,687 53,218 83.30 \$175,863	125 56,150 56,175 5801 37,500 582,720 144,848	0 0 14213 14.213	7.1 \$3,550 \$3,700 \$410 \$00,653 \$74,098	54 \$650 \$600 \$15,785 1,343,897 \$207,677		\$9.497,347 \$11,126,358 \$20,622,705
Nov-21 (DD)	155.016 878,772 0 0 0 0 0 0 0 0 878,772 54,63	17,200 410,419 7,367 0 0 416,286 \$4.58 \$1.515,438	204 15,108 15,219 0 30,327 54,58	1,556 778,400 8,798 0 18,199 8,590 \$4,59	9 500 200 530 \$330 \$1,659	26,033 26,033 53,30 53,30	125 \$8,150 \$8,476 \$74 \$74 \$1,556 489,287 \$4,195 \$6,195	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	71 \$3,000 \$3,000 \$46 475,364 254,791 730,196	14 Sector Sector S4,624 1,201,011 1,201,011		\$7,818,459 \$6,556,285 \$14,374,723

Customer	Premise	Comment	Service	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Customer 1	89521	Increase Load	T3		5055746, 55		100 PER 100			A. S. S. S. S.			. O Grand		660 (682 (165)
		T-3 0-15000 Mcf/mo T-3 > 15000 Mcf/mo		673	5	1,143	1,825	2,037	2,091	2,353	2,139	2,074	1,843	1,887	1,625
												·			
Customer 2	89527	Increase Load T-4 Bill	T4												
		T-4 0-300 Mcf/me T-4 301-15000 Mcf/me T-4 > 15000 Mcf/me		230	250	250	244	242	249	316	279	241	205	207	190
Customer 3	92841	Increase Load T-4 Bill	T4	- TX		188	120	Olever (September 1997)							
		T-4 0-300 Mcf/mo T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo		4,815 -	5,003 366	5,083 -	4,674 -	4,863	4,793 -	4,928 1,320	5,680 266	4,715 1,037	5,205 -	4,789	3,272
Customer 4	(04739	Increase Load T-4 Bill	T4												
		T-4 0-300 Mcf/mo T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo		1,388	1,291	1,089	1,601	1,982	2,229	2,699	1,980	1,568	1,237	1,034	817
Customer 5	104745	fnorease Load T-4 Bill	T4			18186 81			30.88m38.18	8188188					
		T-4 0-300 Mcf/mo T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo		110	109	102	104	116	145	210	162	106	89	91	98
Customer 6	109359	Increase Load T-4 Bill	T4		10.150.50			500000							
		T-4 0-300 Mcf/mo T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo		101	195	191	202	236	162	298	278	218	183	205	198
Customer 7	125929	Increase Load	T4												
		T-4 0-300 Mcf/mo T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo		257 2,106	53 2,374	2,360	2,477	2,387	2,489	3,510	2,912	2,551	2,312	1,139 1,333	1,922 369
Customer 8	142267	Decrease Load T-4 Bill	T4												5222266
		T-4 0-300 Mcf/mo T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo		(3,407)	(3,312) (176)	(3,021) (560)	(2,481) (2,224)	(4,689)	(5,368)	(9,524)	(9,493)	(6,117)	(4,750)	(4,287)	(3,012)
Customer 9	163794	Increased Load	Т3	Sensonsing		18518618	2005		60 / S (C / S) (C / S)				\$2.69x8.		
		T-3 0-15000 Mcf/mo T-3 > 15000 Mcf/mo		728	736	729	786	824	788	809	928	880	811	724	719
Customer 10	170399	Increase Load	. T4												
		T-4 0-300 Mcf/me T-4 301-15000 Mcf/me T-4 > 16000 Mcf/me	•	521	382	501	31 498	114 399	721	815	18 890	780	50 442	107 519	68 386
Customer 11	170404	Increase Load	T4				- G. 127 (7)								FEE
		T-4 0-300 Mof/me T-4 301-15000 Mof/me T-4 > 16000 Mof/me		1,150	965	1,092	1,218	1,332	965	1,445	1,515	1,141	648	1,244	1,114
Customer 12	224258	Increased Load	T3	:					C. E. S.						
		T-3 Bill T-3 0-15000 Mcf/mo T-3 > 15000 Mcf/mo		336	469	477	572	428	327	642	609	610	546	498	296
Customer 13	239982	Increased Load	Т3						58.904.605						
		T-3 Bill T-3 0-15000 Mct/mo T-3 > 15000 Mct/mo		15,000 25,000	15,000 25,000	15,000 25,000	15,000 25,000	5,170 25,000	4,664 25,000	15,000 25,000	14,918 25,000	15,000 25,000	15,000 25,000	14,991 25,000	
Customer 15	170394	Plant Closing	<b>73</b>				55 (61 (6)		ee sansaa						S. 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8 . 8
		T-3 Bill T-3 0-15000 Mcl/mo T-3 > 15000 Mcl/mo								orali taborranoo o cilo	(1)	(1)	(1)	(1)	(1)
	Z0.00000000000000							>>>>>>							STALINGTON TOWN
Customer 25	Verlous	New Rate / New Load Sp K Bill	Special Contract	(1)	(1)	(1)	(1)	(1)	(1)	(1)					
		Sp K Volumes Sp K Rate		(21,056)	(20,446)	(21,608)	(25,561)	7,752	7,648	8,573	8,252	8,393	8,073	8,338	7,341
Customer 26	1772584	Sp K Distr. Charge Plant Closing	T4.	62,169	59,645	63,289	69,456	35,854	50,564	45,474	33,924	32,365	16,291	9,377	5,902
	P. P. I DOUGL	T-4 Bill T-4 0-300 Mcf/mo		(1) (300)	(1) (300)	(1) (300)	(1) (300)	(1) (300)	(1) (300)	(1) (300)	(1) (300)	(1) (300)	(1) (300)	(1) (297)	(1) (1)
		T-4 301-15000 Mcf/mo T-4 > 15000 Mcf/mo		(1,494)	(2,120)	(1,905)	(2,380)	(3,782)	(7,623)	(5,326)	(2,005)	(2,569)	(844)	-	-
Customer 27	40-170402	Alternative source G-2 Bill	G2									Ngg iga sag	1509.5		50.00 (St.)
		G-2 0-15000 Mct/mo								(15,000)	(15,000)	(15,000)	(15,000)	(15,000)	

9/5/2003/00/TEST TVO	n. mm. v mang ganton sugges kan dida da nina dida da nina dida kababakan.		doles constructor	a tanàna sa tanàna manala	al missione per second contracts of	om como o contrata.	se andro en el colo contrato.	consisent decisions	500000000000	arranaurra a an	545.575.075.075.075.075.075.075.075.075.07		eses o esco. e
ustomer 28 <u>8000113860</u>	Moved to 6-1 13 T-3 Bill T-3 0-15000 Mcf/mo T-3 > 15000 Mcf/mo	(1)	(1) -	(1) (2)	(1) -	(1) (89)	(1) (654)	(1) (403)	(1) (326)	(1) (376)	(1)	(t) -	•
stomer 28 8000113860			. (C. 15) . (A)										
	G-1 Bill G-1 0-300 Mcf/mo G-1 301-15000 Mcf/mo G-1 > 15000 Mcf/mo	1	- -	1 2	- -	1 89	1 654	1 403	1 326	1 376	-	-	-
stomer 29 2400264749	Moved to G-1 T4 T-4 Bill T-4 0-300 Mot/mo T-4 0-115000 Mcf/mo T-4 > 15000 Mcf/mo	(1) (145)	(1) (150)	(1) (127)	(1) (154)	(1) (300) (162)	(1) (300) (232)	(1) (360) (98)	(1) (211)	(1) (218)	(1) (58)	(1) (63)	
stomer 30 400264749	Moved from T4 G1				90000								3000
	G-1 Bill G-1 0-300 Mcf/mo G-1 301-15000 Mcf/mo G-1 > 15000 Mcf/mo	1 145	1 150	1 127	1 154	1 300 162	1 300 232	1 300 98	1 211	1 218	1 58	1 63	
stomer 31 8000138458											urgo lozopologo.		
	G-1 Bill G-1 0-300 Mcf/mo G-1 301-15000 Mcf/mo G-1 > 15000 Mcf/mo	(1) (300) (361)	(1) (300) (42)	(1) (300) (1,267)	(1) (300) (1,542)	(1) (300) (2,767)	(1) (300) (4,630)	(1) (300) (5,222)	(1) (300) (5,329)	(1) (300) (3,814)	(1) (300) (4,193)	(1) (300) (4,268)	
stomer 31   8000138458	Moved from G1 T4 T-4 Bill		1	7:00	1	24.753 - 22.1 1	500.05500.0500.05 1	1	1	1	1	.52.43.55.75 1	
	T-4 0-300 Mct/mo T-4 301-15000 Mct/mo T-4 > 15000 Mct/ma	300 662	300 198	300 1,981	300 2,381	300 4,165	300 6,876	300 7,738	300 7,894	300 5,689	300 6,240	300 6,350	2,
stomer 32	New Customer T4 T-4 B樹	1	A 100 100 100 100 100 100 100 100 100 10	28.05 (S	1	1		8 48 48 A	5 (1	1.000 Care	102.63.75	1	
	T-4 0-300 Mof/mo T-4 301-15000 Mof/mo T-4 > 15000 Mof/mo	300 1,700	300 1,700	300 1,700	300 1,700	300 1,700	300 1,700	300 1,700	300 1,700	300 1,700	300 1,700	300 1,700	1,
stomer 34	New Customer T4			CN (18 25)									
	T-4 Bit T-4 0-300 Mcfimo T-4 301-15000 Mcfimo T-4 > 15000 Mcfimo	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	1 300 950	5829012396
unimary				100 TEA TO							(5) (5) (5)		3505
	G-1 Bill G-1 0-300 Mot/mo G-1 301-15000 Mot/mo G-1 > 15000 Mot/mo	1 (155) (361) -	(150) (42)	1 (171) (1,267)	1 (146) (1,542)	1 89 (2,605)	1 654 (4,398)	1 403 (5,124)	237 (5,329)	1 294 (3,814)	(242) (4,193)	(237) (4,268)	
	G-2 Bill G-2 0-15000 Mot/mo G-2 > 15000 Mot/mo	- - -	-		-	-	-	(15,000) (34,899)	(15,000) (90,742)	(15,000) (30,630)	(15,000) (38,094)	(15,000) (72,430)	
	T-3 Bill T-3 0-15000 Molimo T-3 > 15000 Molimo	(1) 16,737 25,000	(1) 16,210 26,000	(1) 17,346 25,000	(1) 16,357 26,825	(1) 6,333 27,037	(1) 5,125 27,091	(1) 16,048 27,353	(2) 16,129 27,139	(2) 16,114 27,074	(2) 16,357 26,843	(2) 16,213 26,887	2,
	T-4 Bill T-4 0-300 Mct/me T-4 301-15000 Mct/me T-4 > 15000 Mct/me	1 455 6,982 2,106	1 450 5,664 2,565	1 473 8,013 1,800	1 477 8,712 253	1 414 12,041 (2,302)	1 300 10,936 (2,879)	1 300 15,677 (4,694)	1 407 19,323 (6,315)	1 382 14,539 (2,529)	1 592 18,366 (4,750)	1 647 18,227 (2,954)	12,
	EDR Bill	_	-	-	-	-	-	-	-	-	-		
	EDR 9-380 Mct/mo EDR 301-15000 Mct/mo EDR > 15000 Mct/mo	- "	•	-	-	-	-	-	-	-	-	-	

<sup>5</sup> Expansions/Load Additions 3 Load Reductions 6 New Customers 3 Closings 3 Service Changes

Test Year													
	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19	Total
Residential													
Customers	157,594	159,580	157,189	155,047	155,912	153,510	153,825	155,116	158,490	159,482	160,183	160,439	1,886,367
Mcf	879,434	408,824	201,104	154,175	155,035	156,623	330,320	873,656	1,523,006	1,918,900	2,004,126	1,421,181	10,026,386
Commercial & Public	Authority												
Customers	19,077	19,395	18,880	18,544	18,742	18,396	18,332	18,756	19,086	19,426	19,436	19,504	227,574
Mcf	506,276	303,165	207,110	184,297	186,707	184,688	259,787	503,484	787,294	970,750	1,004,616	750,386	5,848,560
Firm Industrial													
Customers	195	212	205	. 183	208	193	189	204	196	222	210	212	2,429
Mcf	41,965	35,123	28,027	22,480	23,559	25,141	28,480	30,327	70,917	114,623	78,067	69,312	568,020
Interruptible & Transpo	ortation												
Customers	221	224	221	220	219	219	218	221	221	222	229	223	2,657
Mcf	2,285,076	2,329,889	2,078,405	2,208,828	2,281,988	2,294,445	2,440,883	2,594,420	2,952,460	3,013,490	2,548,772	2,728,302	29,756,956

C			Internatible &	
ntial	Authority	Firm Industrial	Transportation	Total
1.01	10.00	121.37	10,452	
0,000	2,275,830	294,853	27,765,875	
3311	0.32878	3,99033	343,61615	
6,386	3,572,730	273,167	1,991,081	
3,959	3,959	3,959	3,959	
1306	0.04759	0.34083	2,27174	
60	60	60	60	
1658	3,18390	24,44018	479.92054	
8,364	60,381	4,948	106,246	299,939
	1.01 0,000 13311 6,386 3,959 1306 60 1658	1.01 10.00 0,000 2,275,830 33311 0.32878 3,386 3,572,730 3,959 3,959 1306 0.04759 60 60 60 1858 3,18390	Public Authority Firm Industrial 1.01 10.00 121.37 0,000 2,275,830 294,853 3311 0,32878 3,9903 3,386 3,572,730 273,167 3,959 3,969 3,959 1305 0,04759 0,34083 60 60 60 1658 3,18390 24,44018	Public   Authority   Firm Industrial   Interruptible & Transportation

## ATMOS ENERGY CORPORATION - KENTUCKY SERVICE CHARGES

Reference Period - Twelve Months Ending 06/30/2017

Olace of Octoberance	Doto	L.1.1C	A.v. 16	Can 16	Oct 16	Nov 46	Dec-16	Inn 17	F=5 47	Man 47	Anu d7	May 47	l 47	L.1 42	A 47
Class of Customers (a)	Rate (b)	Jul-16 (c)	Aug-16 (d)	Sep-16 (e)	Oct-16 (f)	Nov-16 (g)	(h)	Jan-17 (i)	Feb-17 (j)	Mar-17 (k)	Apr-17 (I)	May-17 (m)	Jun-17 (n)	Jul-17 (0)	Aug-17 (p)
Meter Sets															
Regular Hours	\$34.00	66 0	92	138	294	653	425	175	112	196	- 58	98	108	88	9
After Hours	\$44.00	0		0	i û				. 0	6.0				0	
TOTAL Billed Orders		88	92	138	294	553	421	175	112	138	83	98	108	88	g
TOTAL Revenue		\$2,992	\$3,128	\$4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332	\$3,672	\$2,992	\$3,1
							-								
Turn on	2400		***************************************		***************************************		**********************						***************************************		
Regular Hours	\$23.00	682	957	938	1.781	2,867	1,855	641	520	545	430	547	603	682	8
After Hours	\$28.00	0	3.	9	- 0	0	, C	3	0	- 6	9	ĝ		0	
TOTAL Billed Orders		682	857	938	1,731	2,887	1,855	641	520	646	430	547	603	682	8
TOTAL Revenue		\$15,686	\$19,711	\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869	\$15,686	\$19,
Read	*******														
Regular Hours	\$12.00	1,396	1,485	1,254	220	1814	\$ 5,16	1.019	1,149	1,281	900	902	947	1,306	1,4
After Hours	\$14.00	0				9	(6)		ů,			E.	2	0	
TOTAL Billed Orders		1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,
TOTAL Revenue		\$15,672	\$17,868	\$15,048	\$14,640	\$15,768	<b>\$</b> 19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824	\$11,364	\$15,672	\$17.
Reconnect Delinguent Service	. prov	**************	***************************************	054,554,654,771,771,774,774	***************************************	***************************************	***************************************					1031440441440444701714447307777 67407570	**************************************		
Regular Hours	\$39.00	321 0	294	2.9	298	261	97	315	475	766	525	514	518	168	
After Hours	\$47.00			0	- 0			10	ů,			2	2	0	
TOTAL Billed Orders		168	294	219	293	261	81	316	475	766	525	514	518	168	2
TOTAL Revenue		\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202	\$6,552	\$11,
Seasonal Charge															
Regular Hours	\$65.00	. 0	ŝ.		120	150	24	9	2	. 0	1	3	1	0	
After Hours	\$73.00	0	1					9	. 0	0.00	- 8		2	0	
TOTAL Billed Orders		0	0	11	120	163	24	0	2	0	0	3	1	0	•••••
TOTAL Revenue		\$0	\$0	\$715	\$7,800	\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195	\$65	\$0	
		•••••••••••••••••••••••••••••••••••••••			***************************************	***************************************		······································		,			,		······································
Meter Test Charge															
Regular Hours	\$20.00	6 4 6	- 6			Ä			ā	- 16				0	
After Hours	N/A		Ġ.			.0						4		Ō	
TOTAL Billed Orders	1 - 17 1 688	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL Revenue		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
TO IT ILL TO SOURCE		<b>4</b> 3					***************************************	44	40	45				Ψ0	
Return Check Charge															
Regular Hours	\$25.00	177	200	198	180	AG2	239	276	252	363	232	586	249	177	
After Hours	N/A	0	- 0	0		9					0	44	0	0	
TOTAL Billed Orders	***************************************	177	200	193	180	192	239	276	252	353	232	266	249	177	-
TOTAL Revenue		\$4,425	\$5,000	\$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650	\$6,225	\$4,425	\$5,
SUBTOTAL - OTHER OPERATING REV	/ENUE	\$45.227	\$5 P	\$15.5	886 176	\$1235.7	\$87.131	\$65.00	D54,439	874,821	825 5.9	75.0	100	\$45,327	\$57,
Late Payment Fee															
Rate	5%	\$49.460	\$50,665	\$52,000	951.784	\$63790	\$560,535	\$185,875	\$179,082	\$191.875	\$148,790	\$107.70	\$77.142	\$59,820	\$55,

Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Feb-19	Mar-19
(p)	(1)	(s)	(t)	(u)	(v)	(w)	(x)	(y)	(z)	(aa)	(ab)	(ac)	(ad)	(ae)	(af)	(ag)	(ah)	(ai)
138 0	294 0	553 0	<b>42</b> 1	175 0	112 0	138 0	83 0	98 0	108 0	88 0	92 0	138 0	294 0	553 0	421 0	175 0	112 0	138 0
138	294	553	421	175	112	138	83	98	108	88	92	138	294	553	421	175	112	138
\$4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332	\$3,672	\$2,992	\$3,128	\$4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692
938	1,731	2,887	1,855	641	520	646	430	547	603	682 0	857	938	1,731	2,887	1,855	641	520	646
938	0 1,731	0 2,887	0 1,855	0 641	0 520	0 646	0 430	0 547	0 603	682	0 857	0 938	0 1,731	<u>0</u> 2,887	0 1,855	0 641	<u>0</u> 520	0 646
\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869	\$15,686	\$19,711	<b>\$</b> 21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858
1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381
0 1,254	0 1,220	0 1,314	0 1,619	0 1,518	0 1,143	0 1,381	0 911	0 902	0 947	0 1,306	0 1,489	0 1,254	0 1,220	0 1,314	0 1,619	0 1,518	0 1,143	0 1,381
\$15,048	\$14,640	\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824	\$11,364	\$15,672	\$17,868	\$15,048	\$14,640	\$15,768	\$19,428	\$18,216	\$13,716	\$16,572
219	293	261	81	316	475	766	525	514	518	168	294	219	293	261	81	316	475	766
0	<u>_</u>	0	0	0	<u>0</u> 475	0 766	0 525	0 514	0	0 168	0 294	<u>0</u> 219	0 293	0	<u> </u>	0	0	0
219 \$8,541	293 \$11,427	261 \$10,179	81 \$3,159	316 \$12,324	\$18,525	\$29,874	\$20,475	\$20,046	518 \$20,202	\$6,552	\$11,466	\$8,541	\$11,427	261 \$10,179	\$3,159	316 \$12,324	475 \$18,525	766 \$29,874
	***************************************		www		· · ·			·····	······									***************************************
11	120	163	24	0	2	0	0	3	1	0	0	11	120	163	24	0	2	0
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11 \$715	120 \$7,800	163 \$10,595	24 \$1,560	0 \$0	2 \$130	0 \$0	0 \$0	3 \$195	1 \$65	0 \$0	0 \$0	1 <b>1</b> \$715	120 \$7,800	163 \$10,595	24 \$1,560	0 \$0	2 \$130	0 \$0
4110	4.1000	410,555	7.1555				······································	<u>I./II-</u>			**		7.17.7	<u> </u>	¥.,,		7.1.7.	
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0 \$0	0 \$0	0 \$0	<u> </u>	<u>0</u> \$0	<u>0</u>	<u>0</u> \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0 \$0	0	0 \$0	0 \$0	0 \$0	0 \$0
<u> </u>	Φυ	φυ	Ψ0	Ψ0	Ψ0	Ψ	Ψ	ΨΟ		Ψ	Ψ0	ΨΟ	Ψ	φο-		Ψ	ΨΨ	90
193	180	192	239	276	252	353	232	266	249	177	200	193	180	192	239	276	252	353
0	0	100	220	276	0 252	0 353	232	0 266	0 249	0 177	200	0 193	0 180	0 192	0 239	0 276	0 252	353
193 \$4,825	180 \$4,500	192 \$4,800	239 \$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650	\$6,225	\$4,425	\$5,000	\$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8,825
		,									ØE7 470	PEE 205	Ppg 470		CO7 404	@EQ 400	ØE4 400	·····
\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821
						0400.045	0/=1000		***	***	<b>**</b> ( <b>**</b> **	A	<b>A</b> #4.400	20m 0 m-	8440.000	****	*100.00**	A / 0.0 TO 1
\$55,296 \$110,691	\$54,704 \$142,880	\$68,925 \$195,470	\$111,273 \$198,374	\$163,056 \$221,189	\$194,932 \$249,371	\$199,215 \$274,036	\$154,099 \$204,018	\$111,115 \$164,743	\$76,553 \$131,950	\$58,902 \$104,229	\$54,397 \$111,570	\$54,752 \$110,147	\$54,162 \$142,338	\$67,957 \$194,502	\$110,838 \$197,939	\$162,293 \$220,426	\$193,965 \$248,404	\$198,784 \$273,605
Ψ110,031	ψ17ε,000	ψ100,⊤10	ψ100,017	4cc1,100	ψε-τυ <sub>1</sub> υ <sub>1</sub>		\$20 IJO 10	ψ (V 1) 1 (V	4101,000	<del>-</del>	41,11010		#1 125000	4101,002	4.0.,000	**************************************	72.01.01	

_	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Арг-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20
	(aj)	(ak)	(al)	(am)	(an)	(ao)	(ap)	(aq)	(ar)	(as)	(at)	(au)	(av)	(aw)	(ax)	(ay)	(az)	(ba)	(bb)
	83	98	108	88	92	138	294	553	421	175	112	138	83	98	108	88	92	138	294
_	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_
_	83	98	108	88	92	138	294	553	421	175	112	138	83	98	108	88	92	138	294
	\$2,822	\$3,332	\$3,672	\$2,992	\$3,128	<b>\$</b> 4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332	\$3,672	\$2,992	\$3,128	\$4,692	\$9,996
	430	547	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547	603	682	857	938	1,731
	700	0	0	0	007	0	1,701	2,007	0	0	0	0	0	0	0	0	0	0	0
*******	430	547	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547	603	682	857	938	1,731
_	\$9,890	\$12,581	\$13,869	\$15,686	\$19,711	\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869	\$15,686	\$19,711	\$21,574	\$39,813
4	***************************************													, ,,,,,	, ,			***************************************	4.010.10
	911	902	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489	1,254	1,220
*******	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	911	902	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489	1,254	1,220
_	\$10,932	\$10,824	\$11,364	\$15,672	\$17,868	\$15,048	\$14,640	\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824	\$11,364	\$15,672	\$17,868	\$15,048	\$14,640
	525	514	518	168	294	219	293	. 261	81	316	475	766	525	514	518	168	294	219	293
	020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	234	0	233
_	525	514	518	168	294	219	293	261	81	316	475	766	525	514	518	168	294	219	293
*******	\$20,475	\$20,046	\$20,202	\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202	\$6,552	\$11,466	\$8,541	\$11,427
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_	0	3 \$195	1 \$65	0 \$0	0 \$0	11 \$715	120 \$7,800	163 \$10,595	24 \$1,560	0 \$0	2 \$130	0 \$0	0 \$0	3	1	0	0	11	120
~~~~	\$0	\$190	\$00	\$0	<b>⊅</b> U	\$115	\$7,000	\$10,595	\$1,000	\$0	\$130	ΦU	ΦU	\$195	\$65	\$0	\$0	\$715	\$7,800
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		222	242	4	200	100	400	400	200	00	0.70	050	222						
	232	266	249	177	200	193	180	192	239	276	252	353	232	266	249	177	200	193	180
	0	0	0 0	0 177	0 200	103	0 180	0 192	0 239	0 276	0 252	0 353	0	0	0	0	0 000	0 100	0
	232 \$5,800	266 \$6,650	249 \$6,225	\$4,425	\$5,000	193 \$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	232 \$5,800	266 \$6,650	249 \$6,225	177 \$4,425	200 \$5,000	193 \$4,825	180 \$4,500
	φυ,συσ	φυ,υυυ	φυ,λέθ	ψ <del>1,11</del> 20	φυ,υυυ	Ψ+ισευ	ψτ,υυυ	94,000	φυ,στυ	Ψυ, συυ	φυ,ουυ	φυ,υχυ	φυ,αυθ	φυ,υυ	Φυ,∡∠Ο	φ+,+23	φυ,υυυ	<i>₱</i> 4,020	<b>⊅</b> 4,0∪0
	\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$49,919	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176
	440,010	400,020	ψου,υυ:	Ψ,0,02.	<b>\$0.,0</b>	<b>#</b> 00,000	400, 0	+ 120,0 10	40.1.01	400,100	φο.,.σο	ψ,ψl	Ψ 10,010	400,020	<b>400,00</b> 1	Ψ-τογοεί	φωτητιο	400,000	ψου, πο
	\$153,799 \$203,718	\$110,941 \$164,569	\$75,450 \$130,847	\$58,288 \$103,615	\$53,895 \$111,068	\$54,265 \$109,660	\$53,676 \$141,852	\$67,085 \$193,630	\$109,645 \$196,746	\$160,260 \$218,393	\$191,409 \$245,848	\$196,717 \$271,538	\$152,319 \$202,238	\$110,012 \$163,640	\$75,190 \$130,587	\$58,158 \$103,485	\$53,796 \$110,969	\$54,268 \$109,663	\$53,679 \$141,855

Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22
(bc)	(bd)	(be)	(bf)	(bg)	(bh)	(bi)	(bj)	(bk)	(bl)	(bm)	(bn)	(bo)	(bp)	(bq)	(br)	(bs)	(bt)	(bu)
553	421	175	112	138	83	98	108	88	92	138	294	553	421	175	112	138	83	98
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0_
553	421	175	112	138	83	98	108	88	92	138	294	553	421	175	112	138	83	98
\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332	\$3,672	\$2,992	\$3,128	\$4,692	\$9,996	\$18,802	\$14,314	\$5,950	\$3,808	\$4,692	\$2,822	\$3,332
2,887	1,855	641	520	646	430	547	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547
2,007	0	0	0	0	0	0	000	0	0	0	0,701	2,007	0	0	0	040	0	0
2,887	1,855	641	520	646	430	547	603	682	857	938	1,731	2,887	1,855	641	520	646	430	547
\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869	\$15,686	\$19,711	\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581
1,314	1,619	1,518	1,143	1,381	911	902	947	1,306	1,489	1,254	1,220	1,314	1,619	1,518	1,143	1,381	911	902
0 1,314	0 1,619	0 1,518	0 1,143	0 1,381	0 911	902	0 947	1,306	0 1,489	0 1,254	0 1,220	0 1,314	0 1,619	0 1,518	0 1,143	1,381	911	0
\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	\$10,824	\$11,364	\$15,672	\$17,868	\$15,048	\$14,640	\$15,768	\$19,428	\$18,216	\$13,716	\$16,572	\$10,932	902 \$10,824
Ψ10,700	₩10, <del>12</del> 0	Ψ10,210	Ψ10,710	Ψ10 <sub>1</sub> 012	Ψ10,302	\$10,02.7	Ψ11,00 <del>1</del>	Φ10,01Z	Ψ11,000	Ψ10 <sub>1</sub> 040	Ψ17,070	\$10,100	ψ13,420	\$10,Z10	\$10,710	\$10,012	\$10,302	\$10,024
261	81	316	475	766	525	514	518	168	294	219	293	261	81	316	475	766	525	514
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
261	81	316	475	766	525	514	518	168	294	219	293	261	81	316	475	766	525	514
\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202	\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046
163	24	0	2	0	0	3	1	0	0	11	120	163	24	0	2	0	0	2
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163	24	0	2	0	0	3	1	<u>ŏ</u>	0	11	120	163	24	0	2	0	0	3
\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195	\$65	\$0	\$0	\$715	\$7,800	\$10,595	\$1,560	\$0	\$130	\$0	\$0	\$195
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Φ0	Φ/1	ΦO	ΦU	φυ	ψυ	φυ	φυ	ψυ	φυ	ΦU	φυ	Ψυ		Φ0	φυ	ΦU	ĎU	<u> </u>
192	239	276	252	353	232	266	249	177	200	193	180	192	239	276	252	353	232	266
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192	239	276	252	353	232	266	249	177	200	193	180	192	239	276	252	353	232	266
\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650	\$6,225	\$4,425	\$5,000	\$4,825	\$4,500	\$4,800	\$5,975	\$6,900	\$6,300	\$8,825	\$5,800	\$6,650
6400 EAF	607 404	\$58,133	ስርላ ላጋባ	¢7/ 004	\$49,919	<b>655 650</b>	¢55 207	ቀለድ ኃሳን	¢57 479	err our	<b>#00 17</b> ₽	\$496 E4E	@07 4 <b>0</b> 4	050 400	DEA AOD	<b>₹74.094</b>	040.040	BC3 600
\$126,545	\$87,101	<b>⊅</b> 56,133	\$54,439	\$74,821	Ф45,519	\$53,628	\$55,397	\$45,327	\$57,173	\$55,395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74,821	\$49,919	\$53,628
\$67,059	\$109,538	\$160,047	\$191,130	\$196,180	\$151,943	\$109,790	\$75,276	\$58,226	\$53,860	\$54,354	\$53,766	\$67,178	\$109,809	\$160,470	\$191,647	\$196,617	\$152,271	\$110,017
\$193,604	\$196,639	\$218,180	\$245,569	\$271,001	\$201,862	\$163,418	\$130,673	\$103,553	\$111,033	\$109,749	\$141,942	\$193,723	\$196,910	\$218,603	\$246,086	\$271,438	\$202,190	\$163,645
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(by)   (bw)   (bw)   (bw)   (by)   (bz)   (ca)		Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23	Арг-23	May-23	Jun-23
0		(bv)	(bw)	(bx)	(by)	(bz)	(ca)	(cb)	(cc)	(cd)	(ce)	(cf)	(cg)	(ch)
0														
0		400	00	00	120	204	EE2	404	175	440	420	00	00	400
106   88   92   138   294   563   421   175   112   138   83   98   108   108   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   13672   1367														
\$3,672 \$2,962 \$3,128 \$4,892 \$9,969 \$19,002 \$14,314 \$5,960 \$3,808 \$4,892 \$2,822 \$3,302 \$3,672 \$  603 682 857 938 1,731 2,807 1,855 641 520 646 430 547 603 \$10,000 \$13,889 \$15,860 \$19,711 \$21,574 \$29,813 \$14,851 641 520 646 430 547 603 \$13,889 \$15,680 \$19,711 \$21,574 \$29,813 \$66,401 \$42,665 \$14,743 \$11,960 \$14,853 \$50,890 \$12,581 \$13,869 \$15,680 \$19,711 \$21,574 \$29,813 \$66,401 \$42,665 \$14,743 \$11,960 \$14,853 \$50,890 \$12,581 \$13,869 \$12,581 \$13,869 \$15,680 \$12,581 \$13,869 \$12,581 \$13,869 \$15,680 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$12,581 \$13,869 \$13,869 \$12,581 \$13,869 \$13,869 \$13,869 \$12,861 \$13,869 \$13,869 \$13,869 \$13,869 \$12,861 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,869 \$13,	_													108
803   882   887   938   1,731   2,887   1,885   641   520   646   430   547   603	_													
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	******	<u> </u>	Ψωιονω	40,120	ψ1,00L	\$0,000	010,002	\$1 ijo i i	45,000	Ψοίσος	ψ 1,002 <u></u>	Ψ_,σ	401002	ψ0,012
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0														
693   682   857   938   1,731   2,887   1,885   644   520   646   430   547   603     \$13,889   \$15,686   \$19,711   \$22,574   \$39,813   \$86,401   \$42,685   \$14,743   \$11,860   \$14,656   \$53,890   \$12,581   \$13,889     947   1,306   1,489   1,254   1,220   1,314   1,619   1,518   1,143   1,381   911   902   947     0		603	682	857	938	1,731	2,887	1,855	641	520	646	430	547	603
\$13,899 \$15,686 \$19,711 \$21,574 \$39,813 \$866,401 \$42,685 \$14,743 \$11,980 \$14,888 \$9,890 \$12,581 \$13,889 \$13,889 \$15,686 \$14,848 \$19,711 \$20 \$2 \$47 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0														0_
947 1,306 1,488 1,254 1,220 1,314 1,619 1,518 1,143 1,381 911 902 947 1,306 1,488 1,254 1,220 1,314 1,619 1,518 1,143 1,381 911 902 947 1,306 1,488 1,254 1,220 1,314 1,619 1,518 1,143 1,381 911 902 947 1,306 \$15,072 \$17,868 \$15,048 \$14,640 \$15,078 \$19,428 \$19,210 \$313,719 \$16,572 \$10,302 \$10,824 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,854 \$11,8	_	603				1,731	2,887	1,855		520		430		
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		\$13,869	\$15,686	\$19,711	\$21,574	\$39,813	\$66,401	\$42,665	\$14,743	\$11,960	\$14,858	\$9,890	\$12,581	\$13,869
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0														
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		0.47	4 000	4.400	4.054	4.000	4.044	4 040	4.540	4.449	4.004	044	000	0.47
947         1,306         1,488         1,254         1,220         1,314         1,619         1,518         1,143         1,381         911         902         947           \$11,364         \$15,672         \$17,868         \$15,048         \$14,640         \$15,768         \$19,428         \$18,216         \$13,716         \$16,572         \$10,932         \$10,824         \$11,364           518         168         294         219         293         261         81         318         475         766         525         514         518           0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0														
\$11,364 \$15,672 \$17,868 \$15,048 \$14,640 \$15,768 \$19,428 \$18,216 \$13,716 \$16,572 \$10,332 \$10,824 \$11,364\$  518 168 294 219 293 261 81 318 475 766 525 514 518 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	_													
518         188         294         219         293         261         81         316         475         766         525         514         518           518         188         294         219         293         261         81         316         475         766         525         514         518           \$18         188         294         219         293         261         81         316         475         766         525         514         518           \$20,002         \$6,552         \$11,466         \$8,541         \$11,427         \$10,179         \$3,159         \$12,324         \$16,525         \$29,974         \$20,475         \$20,048         \$20,202           1         0         0         0         0         0         0         2         0         0         3         1           0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	******				\$15,048		\$15.768	\$19.428		\$13.716	\$16.572			
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	_	<b>Q</b> 11,001	ψ10,012	<u> </u>		<u> </u>		<u> </u>	V10/210	<u>V10,110</u>	ψ10,012	φ10,002	Ψ10,021	Ψ11,00-1
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0														
0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0		518	168	294	219	293	261	81	316	475	766	525	514	518
\$20,202 \$6,562 \$11,456 \$9,541 \$11,427 \$10,179 \$3,159 \$12,324 \$18,525 \$23,874 \$20,475 \$20,046 \$20,202 \$11,456 \$20,000 \$11,400 \$13,400 \$163 \$24 \$0 \$2 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0		0		0	0									0
1         0         0         11         120         163         24         0         2         0         0         3         1           0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0 </td <td></td> <td></td> <td></td> <td></td> <td>219</td> <td></td> <td></td> <td></td> <td></td> <td>475</td> <td></td> <td></td> <td></td> <td>518</td>					219					475				518
0 0 0 0 0 11 120 163 24 0 2 0 0 0 3 1 1 120 163 24 0 2 0 0 0 3 1 1 1 120 163 24 0 2 0 0 0 3 1 1 1 120 163 24 0 2 0 0 0 3 1 1 1 120 163 24 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	_	\$20,202	\$6,552	\$11,466	\$8,541	\$11,427	\$10,179	\$3,159	\$12,324	\$18,525	\$29,874	\$20,475	\$20,046	\$20,202
0 0 0 0 0 11 120 163 24 0 2 0 0 0 3 1 1 120 163 24 0 2 0 0 0 3 1 1 1 120 163 24 0 2 0 0 0 3 1 1 1 120 163 24 0 2 0 0 0 3 1 1 1 120 163 24 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1														
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1         0         0         11         120         163         24         0         2         0         0         3         1           \$65         \$0         \$0         \$715         \$7,800         \$10,595         \$1,560         \$0         \$130         \$0         \$0         \$195         \$65           0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0						120	163							
\$65 \$0 \$0 \$715 \$7,800 \$10,595 \$1,560 \$0 \$130 \$0 \$0 \$10 \$105 \$65 \$65 \$65 \$150 \$0 \$150 \$0 \$105 \$105 \$105 \$105 \$1	_													
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0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0														
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249     177     200     193     180     192     239     276     252     353     232     266     249       0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     0     249       \$6,225     \$4,425     \$5,000     \$4,825     \$4,500     \$4,800     \$5,975     \$6,900     \$6,300     \$8,825     \$5,800     \$6,650     \$53,628     \$55,397       \$75,555	*****			0	0	0	0				0			0
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249         177         200         193         180         192         239         276         252         353         232         266         249           \$6,225         \$4,425         \$5,000         \$4,825         \$4,500         \$4,800         \$5,975         \$6,900         \$6,300         \$8,825         \$5,800         \$6,650         \$6,225           \$55,397         \$45,327         \$57,173         \$55,395         \$88,176         \$126,545         \$87,101         \$58,133         \$54,439         \$74,821         \$49,919         \$53,628         \$55,397           \$75,555         \$58,405         \$54,016         \$54,528         \$53,940         \$67,447         \$111,466         \$163,217         \$195,070         \$200,098         \$154,795         \$111,646         \$76,479														
\$6,225 \$4,425 \$5,000 \$4,825 \$4,500 \$4,800 \$5,975 \$6,900 \$6,300 \$8,825 \$5,800 \$6,650 \$6,225 \$5,397 \$45,327 \$57,173 \$55,395 \$88,176 \$126,545 \$87,101 \$58,133 \$54,439 \$74,821 \$49,919 \$53,628 \$55,397 \$75,555 \$58,405 \$54,016 \$54,528 \$53,940 \$67,447 \$111,466 \$163,217 \$195,070 \$200,098 \$154,795 \$111,646 \$76,479														2/0
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\$75,555 \$58,405 \$54,016 \$54,528 \$53,940 \$67,447 \$111,466 \$163,217 \$195,070 \$200,098 \$154,795 \$111,646 \$76,479	_	ΨΟ,ΖΖΟ	Ψήτευ	φ0,000	Ψ-1,020	Ψ+,000	Ψ+,000	ψο,οιο	ψ0,000	ψο,οοο	φο,σεσ	ψο,ουσ	Ψ0,000	ΨΟ,ΖΖΟ
\$75,555 \$58,405 \$54,016 \$54,528 \$53,940 \$67,447 \$111,466 \$163,217 \$195,070 \$200,098 \$154,795 \$111,646 \$76,479		\$55.397	\$45.327	\$57,173	\$55.395	\$88,176	\$126,545	\$87,101	\$58,133	\$54,439	\$74.821	\$49.919	\$53,628	\$55,397
\$75,555 \$58,405 \$54,016 \$54,528 \$53,940 \$67,447 \$111,466 \$163,217 \$195,070 \$200,098 \$154,795 \$111,646 \$76,479 \$130,952 \$103,732 \$111,189 \$109,923 \$142,116 \$193,992 \$198,567 \$221,350 \$249,509 \$274,919 \$204,714 \$165,274 \$131,876		*,	+,	* <b>,</b>	• • •	**···		**				+		+,
\$75,555         \$58,405         \$54,016         \$64,528         \$53,940         \$67,447         \$111,466         \$163,217         \$195,070         \$200,098         \$154,795         \$111,646         \$76,479           \$130,952         \$103,732         \$111,189         \$109,923         \$142,116         \$193,992         \$198,667         \$221,350         \$249,509         \$274,919         \$204,714         \$165,274         \$131,876														
\$130,952 \$103,732 \$111,189 \$109,923 \$142,116 \$193,992 \$198,567 \$221,350 \$249,509 \$274,919 \$204,714 \$165,274 \$131,876						\$53,940				\$195,070	\$200,098			
	_	\$130,952	\$103,732	\$111,189	\$109,923	\$142,116	\$193,992	\$198,567	\$221,350	\$249,509	\$274,919	\$204,714	\$165,274	\$131,876

### Atmos Energy - Kentucky Actual & Normal Degree Days Reference Period - Twelve Months Ending 06/30/2017

Line No.	Month (a)	Actual Ddays (b)	Normal Ddays (c)	Lagged Actual Mo. Ddays (1) (d)	Lagged Normal Mo. Ddays (1) (e)
Basis: NOA	A Normals for 1997-20	)17			
1	Jul-16	0	0	0	0
2	Aug-16	0	0	0	0
3	Sep-16	14	24	0	2
4	Oct-16	80	213	40	89
5	Nov-16	391	500	204	358
6	Dec-16	815	808	671	665
7	Jan-17	687	894	788	852
8	Feb-17	459	728	604	889
9	Mar-17	448	519	432	607
10	Apr-17	106	212	226	354
11	May-17	62	59	93	121
12	Jun-17	0	2	4	22
13					
14		3,062	3,959	3,062	3,959

<sup>(1)</sup> Based upon 16th of previous month through 15th of billing month.

<sup>(2)</sup> Per NOAA, as reported for stations in Paducah (34.7.0%), Evansville (24.0%), Louisville (4.4%), Lexington (13.9%) and Nasvhille (23.0%).

	-	430,070 975,045														,309,530 1,309,530	1,938 1,938		472,233 1,010,454			\$0.0169 \$0.0170				2,402,617 \$ 2,418,206	(817,504 S 22,235,709 \$2,8046		1.455,112 1,465,550 (1,692,785) (227,235)	Someth model was considered to the sound of the constant constant constant constant constant constant constant
		365,946														1,306,530	1.936		400,916			50.0171				6,022.348 6, 2,422.307 S 2,	en.		1,468,034 1.	7.€.205,29t (
	3U-18	361.563	48,106	410.686	0000	710.7	470.114						168.858	698,898	846.780	1,309.630	1,888		418.176			\$0.0170	SD:8697	\$0.0178		5,208,280	14,982.581 \$	493,862	1,486,047	10,375,640
	Jun-58	378.353	18.548	354.85E	CONT.	200,000	<b>₩</b> 13.55		1	1	1	•	159.288	C98 E07	R48.780	1.309.500	1,938		402.056			\$0.0169	SU 8697	50.0178		4,392,612	12,573,556 \$	(1) 480 0841	1,453.132 (6,082,973)	5,490,578
	May-18	569,316	23	288,188	EZG')	020,727	101,084			,		,	169,888	400,000	Sals 780	1,309,530	1.938		599.748			50.0167	SD 8597	\$0.0178		3,578,944	\$ 10,175,862 :	(C) 665 (1)	1,440,715	2,638,752
	Apr-18	1,012,417	18.781	1,001,199	10.139	100 100	1,004.841		,		•	,	168 888	AGR ARY	545 7RD	1,309,530	1,938		1,052,903			\$0.0169	S0.8697	\$0.0178		2,761,275	5 7,798,678	79 4 AE 07E)	1,457.502 (8,976.823)	(1.172.144)
	Mar-18	1,978,558	35.067	2013.625	1000000	2.000.000	2,002,193		211,296	576.173	960,213	1,767,882	•	,		•	1.938		2,057,864			\$0.0189	\$0.8657	\$0,0178		1.945,607	5,339,600	FL 530 6981	(1.701,198) (10.434,425)	(5,040,825)
	Feb-18	2,607,349	46.679	20,000	2,625	000 F NO U	27.14.979		249.144	808,642	1.453,423	2,509,208	,	,		•	1,938		2712,941			\$0,0492	\$0.8697	\$0.0178		3.137,116 \$ (4,719.845) 8	u	74 OR3 6851	(8.735.226)	(55,533)
	81.45	3,131,353	98,585	DER TALLS	100 men c	2 224 204	3,471,401		301,661	921,876	1,174,140	2397,677	,			,	1,938		3,269,322	(A)		\$0,0493	\$0.0697	\$2,00178		4,859,683 \$ (4,091,205)	44	13.00 530 64	(6,361,549)	7,094,950
	Dec-17	2,805,108	54.830	2,009,906	John Salar	2005 640	7840,010		256,463	768,230	737,527	1,762,220	٠	٠		1	1,938		2,923.572	100		50.0137	50.8697	\$0.0178		6.315,484 5 (2.756,632)		(r 935 1.48)	12,268,284 13,629,631	. तव.कामत
	Now-17	1,819,677	26,535	1,846,212	28,032	Ho'800's	1,888,543		168,650	384,115	182161	729.926				1	1.938		1.886,604	Appendix of		50.0179	SD,8687	80,0178		7,309,474	vo.	Ages of p.	(1,361,367)	18,201,509
	8	973,910	14,855	368,576	+667	65,100,1	245, LIU, L		,	,	,	•	156 888	AGE BRO	646.780	1,309,530	1,938		1,009,304	1000		\$2,0175	\$0.8697	\$0.0178		49	\$ 21.221.931	VED BOOK	1,509,681 (227,236) S29,4596	9197 1456 02
	Sep-17	429,678	33,474	465,151	075°C	409,U/3	473,774		•			•	168 323	403 263	546.780	1,309,530	1,938		471.832		100000	\$0.0174				6,839,616	44		1,496,289	820
	Aug-17	365,647	27,879	/20,08E	100°C	100,000	402,549				•	٠	169.366	201,002	A86,780	1,309,530	1,908		400,611		116.2	50.0174	\$0.8597	80,0178		5,476,865	5 18,251,883 \$2,6905	14 4 70 507	1,601.037	13.028.689
echadada.	P-17 Jul-17	351,295	49,105	410,400	207'0	00000	419,809						٠	٠		•	1,908		417,871			20,000	\$0.870	\$6.0478				The Contract of the Spinish of the Contract of	2,029,026	9,050,756
2 leading	弓		16,546							٠	1	•	٠			•	1,008		401,742		_	20,000	20870	\$6,0178			12,322,979 \$	CONTRACTOR	2,465411	5,650.707 3,650.707
	May-17	562,786	24,882	587,008	770	292,130	291,109			٠		•	•	•		•	1.908		599,203			00000000	078.02	\$0.0178	:		10,669,453 \$	STATES AND A STATE OF STATES AND A STATES	1,754,925 522,322	1,418.764
	Apr-17	1,011,287	18,781	00000	CBL'ST	1,045,253	1,053,685					•					1.908		1,051,747			20,000	SDAZO	\$50078		1 1 1 1 mg	9,123,000 \$	THE PROPERTY OF THE PARTY OF TH	1,754,925	(648,000)
	Mar-17	1,976,222	35,067	2011,289	2	2037,1133	2057,403				٠	•					1.508		2,055,465		-	000003	SIL 02 1	\$0,0778			7,241,681 \$	CONTRACTOR OF STREET	(4,629,781)	(4.204.644)
	Feb-17	2,604,191	48,679	2,850,871	144,831	2,084,602	2/11,650												2,709,711			0000 (08	1000		:		\$	The same of the sa		Zakazi (124.54) Resora (14.754) Sakazi
GAS COST ESTIMATES		Firm Sales	Int Sales	Total Sales	BSD ON TOWN TOWN	DBX AIDDIN	1,030 MAKBIU	Storade		Texas Gas (M)	Co Demed (W)	Total (Wi)	Town (Sec (M)	Trees (No district	Co Change (IN)	Total (N)	 Queezily Local Production	Hedaina Purchases	Reculrements excluding Prod.	Rates Hedging Prices	NYMEX PRICE	WE do see Forces (2) 3%	TGP GS Variable Trans	TGP - G Variable Transp	Slocade Inventory	Co Owned & TN (Md) Co Owned & TN (\$)	Cumulative (S) Average Price for Sesson	STREET, STREET	TGT NNS (3) Curruibre (8) Curruibre (8)	

2319,996 (1,206,530) (1,012,403 (4,63,900 (5,711,637 (5,711,637 (5,042,716) (5,042,716) (5,042,716) (5,042,716)	1,483,900 \$31,370 1,4890 \$4,6350 \$4,6350	25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15 25.15		168,689 450,652 646,780 1,309,553	165,886 453,882 642,780 1,339,590
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Sec-20 430,886 33,474 484,329 5,943 470,272 474,976		163,898 493,802 646,780 1,309,530	1,938	473,036	\$0.0315 \$0.0315 \$0.0307 \$0.0178	6,839,616 2,242,633 18,761,106	(676,665) 1,359,247 (1,599,894)
Aug-20 398.542 27.879 394.422 5.048 398.471 403.466		168,888 493,862 848,730 1,388,550	1,938	401,527	\$0,0158 \$0,015 \$0,0315 \$0,5537	6.023,48 2.246,736 \$ 16.518,472 \$	(1,170,527) 1,381,731 (2,959,141)
Jul-20 382,190 48,105 411,285 5,285 416,580 420,725		168,888 493,882 646,780 1,309,530	1,938	418,787	\$0.0157 \$0.0316 \$0.0316 \$0.0078	5,208,280 2,228,507 14,271,737 \$	(1,664,389) 1,357,289 (4,320,872)
Jun-20 379,006 16,546 345,592 5,063 400,615	'	168,888 493,982 846,780 1,309,530	1,939	402,652	50,0155 50,0015 50,0015 50,8997 50,0178	4,392,612 2,204,894 \$ 12,042,230 \$	(2,158,251) 1,335,397 (6,672,171)
Man-20 864.376 24.862 549.258 7.543 596.801 602.769	'	168,898 493,892 646,793 1,309,530	1.938	600,831	\$0.0154 \$0.035 \$0.035 \$0.3697	3,576,944 2,189,663 9,837,236 \$	(2,652,113) 1,323,482 (7,008,568)
Apr-20 1.014,678 18,781 1,003,460 13,228 1,046,688		168,888 490,882 646,780 1,309,530	1,938	1.055,216	\$0.015 \$0.0315 \$0.6597 \$0.0178	2,761,275 2,199,971 \$ 7,653,774 \$	(3,145,975) 1,333,417 (8,332,050)
Mar-20 1,963,231 35,087 2018,288 25,834 2044,132 2,084,573	211,296 576,173 980,213 1,787,692		1,938	2.062,635	\$0.0173 \$0.0315 \$0.3637 \$0.1178	1.945,807 (3.339,862) \$ 5,453,802 \$	(3,639,838) (1,573,638) (9,665,488)
Feb-20 2,613,662 46,579 2,660,342 34,652 2,694,394 2,721,338	249,144 806,642 1,469,423 2,509,208		1.938	2,719,389	\$0.0176 \$0.0316 \$0.0327 \$0.0178	3.137,116 (4.772,526) \$ 8.793,764 \$	[3,063,665] {2,202,264] {8,092,428}
Jan-20 3,138,971 66,585 3,205,596 41,031 3,246,587 3,279,053	301.651 921.876 1.174.140 2.397.677		1,538	3,277,114	\$0.0178 \$0.0315 \$0.8597 \$0.0178	4,839,683 (4,136,870) \$ 13,566,291 \$	(2,257,024) (2,516,862) (5,890,174)
Dec-19 2,812.090 54,830 2,885,890 36,699 2,902,576 2,902,612	256.453 762.231 737.527 1,762.223		1.938	2,930,673	\$0.0172 \$0.0315 \$0.8937 \$0.0178	8,315,484 (2,786,283) \$ 17,703,161 \$	(1,335,148) (2,097,385) (3,373,312)
Nov-19 1.824.200 26.535 1.850.735 25.889 1.874.424 1.850,168	163,050 384,115 182,161 729,826	'	1,938	1,891,230	\$0.006 \$0.006 \$0.0015 \$0.0007 \$0.0178	7,308,474 (969,355) \$ 20,489,450 \$	(1,048,692) (1,275,927)
0449 976,179 14,666 980,946 12,883 1,003,528 1,013,584		168,883 493,862 648,730 1,308,530	1,938	1,011,625	\$0,0180 \$0.035 \$0.0397 \$0.0178	7,855,226 2,276,271 \$ 21,458,805 \$ \$2,8031	(182,803) 1,379,614 (227,235) \$2,7362
5ep-19 430,463 33,474 483,506 5,508 419,574 474,573		168,898 493,862 646,780 1,308,530	1.938	472.635	\$0.0159 \$0.0315 \$0.0315 \$0.6397	5,839.516 2,288,222 19,182,534 \$	(678,995) 1,363,685 (1,ED8,848)
Aug-19 206244 27,879 394,123 5,045 296,169 403,160	'	165,888 493,862 648,780 1,309,530	1,938	401,222	\$7,777 \$0,016 \$1,031 \$0,031 \$0,037	6.023.948 2.272.389 \$ 16.924.313 \$	(1,170,527) 1,377,627 (2,975,534)
Jul-19 361.891 49.105 40.388 5.261 416.287 420,420	'	:168,288 +93,862 646,780 1,309,530	1,938	418,481	\$0.0159 \$0.0016 \$0.2697 \$0.0178	5.208,280 2.265,426 14,651,323 \$	(1,684,389) 1,373,653 (4,353,160)
Jun-19 378.659 18,546 386,245 5,069 400,304 404,307		168,888 493,882 646,780 1,309,530	1.938	402.389	\$20058 \$200158 \$20016 \$200778	4,392.612 2,248.376 \$ 12,384,898 \$	(2,158,251) 1,362,724 (5,726,813)
Man-19 653,846 24,852 688,728 7,538 696,264 602,227	'	165,888 490,852 6-46,780 1,309,530	1.938	900,288	\$0.0157 \$0.0316 \$0.0316 \$0.0178	3,578.944 2,230.327 5 10,136.521 S	(2,652,113) 1,351,795 (7,089,537)
Apr. 69 1,013,548 18,781 1,002,529 13,214 1,045,543 1,055,898		168,888 453,882 646,780 1,309,530	1,938	1,054,080	\$0,075 \$0,075 \$0,0316 \$0,0316 \$0,0178	2.761.275 2.254.940 \$ 7.908.194 \$	(3,145,975) 1,355,698 (8,441,333)
Mei-19 1,390,894 35,067 2,016,981 25,804 2,041,785 2,052,183	211,256 576,173 980,213 1,787,682		1.938	2.080.245	57, 73, 50,0180 50,0315 50,8357 810,0178	1,945,607 (3,460,683) \$ 5,851,254 \$	(3,639,838) (1,596,799) (9,808,032)
Febrig 2,610,606 46,679 2,657,185 34,012 2,681,197 2,718,109	249.144 806.642 1,453.423 2,506.208		1.938	2716.070	\$0.0316 \$0.0316 \$0.0316 \$0.0687 \$0.0178	3.137,116 (4.946,313) \$ 8.112,139 \$	(3,063,665) (2,225,519) (8,211,232)
Jan-19 3-136-181 86.585 9.201.747 40.382 3.242.728 3.275.58	301,861 921,876 1,174,140 2,397,877		1,938	3,273,218	\$0.0185 \$0.0315 \$0.26597 \$7.01.04	4,839,683 (4,285,643) \$ 14,057,451 \$	(2,287,024) (2,554,879) (5,975,713)
Dec-18 2.809.579 54.830 2.863,409 36.652 2.900,081 2.829.061	256,463 768,230 737,527 1,782,220		1,938	2,927.123	50.0180 50.0316 50.2637 50.0178	6,315,484 (2,897,165) \$ (8,344,094 \$	(1,335,148) (2,129,056) (3,420,834)
Mov-18 1.821,939 28,535 1.848,473 23,680 1,872,143 1,890,865	162,650 394,115 182,161 729,926	* * 1	1,938	1,888.916	\$0.0173 \$0.0173 \$0.0315 \$0.8537 \$0.0178	7,309,474 11.004,460  \$ 21,231,259 \$	(668,918) (1,064,533) (1,291,768)
					920	27.27	

1,782,597	1,908	(1,309,530)	474,975	\$5304 \$5,304 \$4,849,973 \$1 \$145,847 (3,501,881)	\$2,050,666		651,422	\$3.0135 1.4945 \$4.5020 0 \$4.5080	55.58 50.08 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.09 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	Supply Date	168,888 493,982 648,780 1,309,520
1,711,057	£22.	(1,309,530)	403,466	\$554,052 \$5,314 \$4,664,017 \$0 \$142,476 [3,608,468] \$	\$1,757,391		554.052 \$	2364 S3,000 1,4945 94,5454 0 54,5454	22.88 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60 20.60	Bediv Buckersh for Gas Supply Data	166,838 493,867 646,780 1,308,530
1,728.517	1.936	(1,302,530)	420,725	\$5273 \$5273 \$4,674.557 \$0 \$143.269 [3,580,806] \$	\$1,794,614		\$ 1007393	\$3,0005 1,4945 \$4,5150 0 \$4,5150	22.85 8.00 8.00 8.00 8.00 8.00 8.00 8.00 8	Bedn	166.888 491,862 646,790 1,309,530
1,712.213	1.938	(1.309.530)	104.621	\$570,139 \$5,215 \$4,579,334 \$0 \$142,528 (3,541,281) \$	51,755,926		570,138 \$	\$2,9978 1,4945 \$4,4923 54,4923	22 96 80 00 80 00 80 00 80 00 80 00 80 22 80 22 80 22 80 00 80 00 80 80 00 80 80 80 00 80 80 80 80 80 80 80 80 80 80 80 80 8		168,888 493,882 846,780 1,309,530
1.910,381	1,038	(1,308,530)	602,769	\$849.047 \$5,186 \$5,059,324 \$0 \$151.875 (3,507.044) \$	\$2,558,367		849,047 \$	2.964 SZ.900B 1.4846 S4.3953 0 54.3953	22 95 95 95 95 95 95 95 95 95 95 95 95 95		168,888 493,852 846,780 1,309,530
2384.747	1,938	(1,309,530)	1,057,166	\$1,520,668 \$5,203 \$6,310,273 \$0 \$173,308 \$3,533,3881 \$	\$4,478,064		1.520,868 \$	\$2,895 1,5345 54,3542 54,3542	20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00		165,888 495,862 646,780 1,309,530
294,553	1,787,682	•	2.064,573	\$2,971,839 \$5,804 \$879,045 \$0 \$13,912 4,913,001 \$	\$6,783,602		2.971.839 \$	\$2,87% 1,4945 \$4,3741 0 \$4,3741	22.97 20.146 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.00000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.0000 20.	271.296	576,173 980,213 1,767,682
210,191	1,938	•	2,727.338	\$3,816,635 \$5,917 \$638,692 \$0,818,8 \$1,818,8	\$11,645,939		3,916,635 \$	2.870 82.8978 1.4945 54.3923 0	22.57 21.46 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80 80.00 80 80 80 80 80 80 80 80 80 80 80 80 8	228.744	1.453.423 2.909.208
879.438	1.505 2.397,677		3.279.003	54,706.190 \$5,955 \$2,694.395 \$0 841,481 6,653,732 \$	514,101,753		4,706,180 \$	\$2,9310 1,4945 \$4,4256 0 \$4,4255	\$2.92 \$1.49 \$0.00 \$0.00 \$0.00 \$1.439 \$1.29 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	30,88i	921,876 1,174,140 2,397,677
1.168.454	1,838		2,802,612	\$4.214.956 \$5.754 \$3.457.645 \$10 \$555,113 4,883.674 \$	\$12,617,152		4,214,956 \$	\$2,9908 1,6965 \$4,4263 0 \$4,4283	\$2.92 \$1.49 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$	258-463	788,230 737,527 1,782,220
1,161,304	1,938		1,895,168	\$2,732,263 \$1,608 \$3,282,301 \$0 \$54,776 2,018,048	\$8,092,885	\$24,703,397 0,2240 1,4846	2,732,253 \$	2,923 \$2,8965 1,6946 \$4,3910 \$4,3910	22.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00 20.00	098 53)	384,115 182,181 728,926
2,321,156		(1,309,520)	1,013,564	\$1,463,901 56,384 \$6,411,078 \$0 \$171,252 (3,655,885) \$	\$4,395,730		1,463,901 \$	\$2,2589 1,4983 84,452 0 64,4592	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		168.888 493.862 685.780 1,309.530
1,782,185	806,1	(1,309,530)	474,575	\$651,569 \$5.341 \$4,822,539 \$0 \$145,829 (3,625,597) \$	52,058,791		661,589 \$	\$3,033 1,4863 \$4,5284 0 \$4,5294	\$3.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00		168.888 493.862 646.780 1.308.630
1,710,752	1,938	(1,309,530)	403.160	\$554,247 \$5,376 \$4,718,248 \$0 \$142,480 (3,550,616) \$	\$1,769,718		554,247 \$	3,004 \$3,0040 1,4963 \$4,6802 0	55.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50.50 50 50.50 50 50 50 50 50 50 50 50 50 50 50 50 5		168,888 493,662 646,780 1,309,530
1,728,012	828	11,309,6301	420,426	\$552,465 \$5,360 \$4,751,945 \$0 \$143,274 (3,640,079) \$	\$1,812,966		\$52.495 \$	\$3.0988 1.4953 54.5632 0 54.5632	83.50 8.50 8.00 8.00 8.00 8.00 8.00 8.00 8		168,838 493,862 648,700 1,309,630
1,711,599	300,1	(1,309,530)	404,307	\$570,342 \$5.318 \$4,669.755 \$0 \$142,614 (3,611,101) \$	\$1.776,628		570.342 \$	\$3.0525 1.4953 \$4.5499 0 \$4.5489	\$3.02 \$1.55 \$1.55 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10 \$1.10		168.888 493.952 646.780 1,309.530
1,509,819	1,938	(1,309,530)	602277	\$849,238 \$5,275 \$5,167,383 \$0 \$151,850 (3,562,223) \$	\$2,591,622		849,238 \$	3.018 \$2.896 1.4963 \$4.456 0 \$4.4558	83 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		163,888 453,862 646,780 1,309,530
2,383,590	1,938	(1,309,530)	1,055.998	\$1,520,738 \$5,333 \$6,469,472 \$0 \$173,253 \$2,621,638) \$	\$4,544,158		1,520,738 \$	\$2,9287 1,4663 54,4250 64,4250	25 55 55 55 55 55 55 55 55 55 55 55 55 5		158.888 493,662 545,730 1,309,530
292,563	1,938	•	2052,183	\$2,971,786 \$6,041 \$907,822 \$0 \$13,800 \$,057,883 \$	\$8,957,132		2,971,786 \$	\$2,980 1,495 \$4,465 \$4,455	93.58 9.150 9.000 9.017 9.017 9.028 9.028 9.028 9.000 9.000 9.017	27.128 82.128	578,173 980,213 1,767,882
206,962	1,536	•	2,718,109	\$3.916,449 \$6,175 \$656,598 \$9,762 7,150,832 \$	\$11,763,784		3,916,449 \$	2.955 \$2.955 1,4963 \$4,4518 0 \$4,4518	52 E E E E E E E E E E E E E E E E E E E	243,744	2509,208
875,641	1,938		3,275,756	94,705,932 \$6,223 \$2,799,583 \$0 \$41,297 6,841,523 \$	\$14,394,658		4,706,932 \$	\$8,0260 1,4863 \$4,5223 0 \$4,5223	83.03 81.50 80.00 80.17 80.17 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80.00 80 80.00 80 80 80 80 80 80 80 80 80 80 80 80 8	327.68	2387,677
1,154,903	1,762,220	,	2,929,061	\$4,214,646 \$8,058 \$3,625,237 \$0 \$54,946 5,046,231 \$	\$12,917,118		4.214,646 \$	\$2,032 1,4933 \$4,5355 0 \$4,5365	53.00 51.50 51.50 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00 50.00	1997 YEST	768,230 737,627 1,782,220
1,158,991	1.938	1	1.890.855	\$2,732.004 \$5.812 \$3,458,795 \$0 \$54,667 \$ 2,068,963 \$	282'020'6\$	\$24,703,397 0.2243 1,4953	\$ 2732,034 \$	3.030 \$5.0232 1.4955 \$4.5194 64.5194	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	988	394.15 192.161 729.933

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Aug-22 887,139 27,879 395,019 5,055 400,075		163,888 493,862 646,780 1,309,530	1.938	402,137	SOCIETI	50.0315	\$0.9697	S0.0178	8,020,948	16,506,897	(1,170,527) 711,972,1	(3,003,351)
Jul-22 362.785 49.505 411.891 5.272 417.163 421.335		163.888 493.862 646.780 1.309.530	1,938	419,397	SO 01559	50.0315	50,8697	\$0.0178	5,206,280	14,231,446 S	(1.664.389)	(4.382.468) 6.646,978
Jun-22 379,818 16,546 398,184 5,071 401,236 405,247		168,888 493,862 648,780 1,309,530	1,938	403,309	SOM57	\$0.0315	50.8897	\$0.01/B	4,392,512	11.976.508 \$	(2,158,251) 1,351,796	(5,749,166) 6,227,340,
Mar-72 565,437 24,882 590,318 7,556 597,874 603,853		169.888 493.882 648.780 1,309.530	825	801,918	\$0.045	\$0.0315	\$0.8687	SCU1/B	3,576,944	9746.179 \$	1,338,384	(7,100,962) 2,645,217
Apr.22 1,016.942 18.781 1,095.722 13.257 1,048.579 1,058,469		168,888 493,862 646,780 1,309,530	1.838	1,047,551	Shorts	\$0,0315	\$0.8697	\$0.0178	2781.275	7,538,004 \$	1,344,345	(8.439,346) (801,343)
Mar-22 1,987,906 35,067 2,022,973 25,884 2,048,857 2,069,356	211.295 576.173 980.213 1.767.652	'	1,938	2,067,417	SOUTH	\$0.0315	50,8597	50.0178	1,945,807	5,319,983 \$	(3,639,835)	(9,783,691)
Feb-22 2,619,380 46,679 2,666,659 34,133 2,703,792 2,727,800	249.144 306.642 1.453.423 2,556,238		1.938	2,725,862	800178	\$0.0315	\$0.8597	\$0.0178	3,137,116	8,577,993 \$	(3,063,865)	(8.190.948)
Jan-22 3,146,592 66,565 3,213,177 41,529 3,284,300 3,286,649	301,861 921,876 1,174,140 2,397,677		1,938	3.284,911	STOTAG	\$0.0315	\$0.8697	R/LIDS	4,839,683	18.233,416 \$	(2.257,024)	(5,961,109) 7,272,308
Dec-2: 2.618.986 54.830 2.873.825 36.786 2.910.610 2.939.718	256,483 766,230 737,527 1,752,220		\$265.	2937,778	\$0073	\$0.0315	\$0,8697	\$7.E7.E8	6.355,484	\$ 187,882.71	f1.335,1481 ;2.723,6571	(3.412.720) (13.856.08)
Non-21 1,828,725 28,535 1,865,280 28,747 1,837,787	163,650 384,115 182,161 729,926	* 1 1	1,938	1,895,858	2008	\$0.0315	50,8697	\$1.07/8	7,309,474	\$ 507,386,91	(560,913) (1,061,829)	11.289.0631 .18.897.640
CG-21 878,449 14,656 983,115 12,712 1,015,827 1,015,828		168,888 490,862 646,780 1,309,530	1.938	1,013,947	50018	\$0,0315	20.8997	50.0178	7,855,285	20,932,273 \$	(182,803)	527,235) \$2,7644 20,776,039
Sep-21 431.248 23.474 464.722 5.948 470.670 475.377	, , ,	168,888 493,862 646,780 1,309,530	1.938	473,438	STURES	\$0,0315	\$0.8697	S0.017B	6,839,816	18,660,104 \$	(678,665) 1,363,718	(1.604.365)
Aun-21 366.841 27.879 394,720 5.052 398,772 403,770		168,883 493,862 646,780 1,309,530	968°¢	401,832	SUCHER	\$0,0315	\$0.8697	82 H2103	6.023.548	16,410,087 \$	f1,170,527) 1,362,724	(2,968,082) (35,442,005
Jule21 362,488 49,105 411,593 5,268 416,861 421,030	•••	168,888 493,852 646,780 1,309,530	1,508	419,031	Some	SD,0315	50,8097	50.0178	5,208,280	4,161,711 \$	1,351,796	(4,330,807) 3,630,904
Jun-2‡ 879,312 16,546 995,858 5,057 400,825 404,934		163,888 493.852 646.780 1,309.530	1.938	402,995	\$0.000	\$0.0315	20.9697	\$0.0178	4,392,612	11,531,384 \$	(2,158,251) 1,336,894	(5,682,603)
May-21 564,308 24,882 589,788 7,549 697,337 603,310		158,868 493,862 545,780 1,309,530	1,938	601,372	27 T	\$0.0315	\$0.8897	<b>\$</b> 0.0178	3,578,944	9,725,669 \$	(2,652,113) 1,323,482	(7.019,496)
Apr-21 1,015,810 18,781 1,004,591 1,047,834 1,055,312		168,888 493,862 B46,780 1_309,530	1,938	1,056,374	Snotes	\$0,0315	50.8697	\$0.0178	2,761,275	7,542,107 \$	(3,145,975)	(8.342,978) [800.872]
347-21 1,986,567 35,067 2,020,634 25,864 2,046,468 2,066,563	211,296 576,173 980,213 1,787,682		1,508	2,065,025	1 3022	\$0,0315	50,8597	50.0178	1,945,607	5,343,776 \$	(1,574,694)	(9,675.401)
Feb-21 2.616.230 46.679 2.663.499 34.093 2.697.592 2.724.588	249.144 806.642 1,453.423 2,509.208		1,938	2,722,630	\$0.000	\$0.0315	\$0.8697	\$0.0178	3,137,118	8,618,357 S	(3,085,865)	(8.100.707)
Jan-21 3,142,790 68,585 3,203,365 41,080 3,250,445 3,282,848	301,861 921,876 1,174,140 2,397,877		805''	3,281,011	20013	\$0,0315	\$0.8697	50.0478	4,839,683	13,292,602 \$	(2,257,024)	(5,896,135)
2 815 522 2 815 522 54 830 2 810 351 36,740 2 907 591 2,936,182	256.463 768,230 77,527 1,762,220		1.508	2.934.224	20003	\$0.0315	50,8597	S0.0178	8.315,484	17,346,014 \$	(1,335,148)	(1,277,031) (3,378,235) (5,886,135) (8,103,707) (9,875,401) (8,34,2978) (7,015,488) (1,277,031) (1,339,031) (1,338,231) (1,338,231) (1,338,231) (1,338,231) (1,338,231)
Nov-20 (-828-461 28.535 1.882.586 23.718 1.875.714	162,650 394,115 182,161 728,926		1.939	1,820,643	SOURE	\$0,0315	\$0.8697	S0.0178	7,309,474	20,076,092 \$	(568,918) (1,049,795)	(1,277,031)
00x-20 977,314 14,566 891,980 12,687 1,004,677	*	169,888 493,862 646,780 1,338,530	1,938	1,012.785	05100	\$0,0315	200 3097	\$0.0178	7,655,285	21,025,391 \$ 21,025,391 \$ \$2,7466	(182,803)	100
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165,888 456,862 646,780 1,306,530	ı	\$2,00 \$1,49 \$3,00 \$3,00 \$3,17 \$4,85 \$2,20 \$3,20 \$3,20 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00 \$3,00	\$2.9444 1.4945 \$4.4389 0 \$4.4389	1,483.933 \$	\$4,384,701	\$1,483,503 \$5,357 \$6,381,580 \$0 \$171,306 \$171,306	1,014,724	;,998 ; (5,909,500)	2322,318
	163,650 384,415 182,43	\$1,49 \$1,49 \$1,00 \$1,00 \$1,00 \$1,00 \$1,50 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00 \$1,00	2.904 52.8922 1.4928 54.3749 0 54.3749	\$24,703,997 0,2238 1,4928 2,732,470 \$	\$8,073,092	\$2,732,470 \$5,494 \$3,260,647 \$0 \$54,885 1,699,595 \$	1,895,481	1,938 729,925	1.163.617
	255,463 766,200 1,762,200	\$2.50 \$0.00 \$0.01 \$4.57 \$4.57 \$2.50 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2.9142 1.4928 \$4.4070 \$4.4070 \$4.4070	4.215.286 \$	\$12,580,036	\$4,215,256 \$5,773 \$3,474,045 \$0 \$55,284 4,829,670 \$	2,926,162	1,938 1,762,220	1,172,004
	201 551 221 551 1174 107 2.297 577	\$2.50 \$1.49 \$0.00 \$0.00 \$0.17 \$4.57 \$0.22 \$0.00 \$0.17	\$2,9778 1,4928 \$4,4005 0 \$4,4005	4.708.428 \$	\$14,008,655	\$4,706,426 \$5,977 \$2,711,684 \$0 \$41,685 \$6,572,923 \$	3,282,949	1,538 2,397,577	983,334
	245,144 205,144 1,453,423 2,509,228	\$2.84 \$1.49 \$1.00 \$1.17 \$4.67 \$4.67 \$2.84 \$0.22 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	2,843 \$2,833 1,4928 \$4,3261 0 \$4,3261	3.918.827 \$	\$11,463,212	\$3,916,821 \$5,926 \$5,926 \$649,881 \$0 \$10,067 \$,892,817 \$	2,724,568	1,938 2,509,208	213,422
1	211 298 518 173 598 273 1,767,882	\$2.84 \$1.49 \$0.00 \$0.77 \$0.77 \$0.78 \$0.22 \$0.00 \$0.47 \$0.23	\$2,8477 1.4928 \$4,3405 0 \$4,3405	2971.892 \$	\$8,726,069	\$2,971,892 \$5,810 \$887,099 \$0 \$14,025 4,847,275 \$	2,066.963	1,938 1,767,582	297,343
168,888 483,862 646,780 1,309,530		\$1.49 \$0.00 \$0.17 \$4.51 \$0.22 \$0.00 \$0.17 \$0.22 \$0.00 \$0.17	\$2.8576 1.4928 \$4.3504 0 \$4.3504	1,520,698 \$	\$4,477,008	\$1,520,568 \$5,200 \$6,308,601 \$0 \$173,342 [3,580,753) \$	1.058,312	1,938	2,365,504
168,888 493,862 646,760 1,309,590		\$2.96 \$1.45 \$0.00 \$0.00 \$4.63 \$2.46 \$2.26 \$0.27 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	2.954 52.9007 1.4928 54.3935 0 54.3935	848.957 <b>\$</b>	\$2,559,636	\$848,857 \$5,185 \$5,080,758 \$0 \$181,901 [3,507,044] \$	603,310	1,598 (1,309,530)	1,910,502
168,888 493,862 646,780 1,309,530		\$2,96 \$1.49 \$1.60 \$1.60 \$1.60 \$1.67 \$1.45 \$1.60 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00	\$2.9997 1.4928 \$4.4915 0 \$4.4915	589.937 s	\$1.756,984	\$553,937 \$5,217 \$4,581,894 \$0 \$142,544 (3,542,608) \$	404,934	1.938 (1.309.530)	1,712,526
1.68,888 453,862 646,780 1.309,530		\$2.88 \$1.48 \$0.00 \$0.17 \$1.28 \$0.22 \$0.00 \$0.27 \$0.00 \$0.27 \$0.00 \$0.27 \$0.00 \$0.27 \$0.00 \$0.27 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$3,0214 1,4928 \$4,5142 0 \$4,5142	552109 S	\$1,795,684	\$52,109 \$5,275 \$4,677,120 \$0 \$143,303 (3,552,123) \$	421.030	1.538 (1,309.530)	1,728,622
163.888 493.852 646.793 1,309.533		\$2.59 \$1.49 \$1.00 \$0.07 \$4.55 \$2.29 \$3.22 \$0.00 \$0.07	2592 53.0528 1.4928 54.5455 0 54.5458	553,657 \$	\$1,758,853	\$553,857 \$5,318 \$4,686,290 \$0 \$142,489 [3,611,101) \$	403,770	1,938 [1.309,530]	1,711,262
168,888 483,852 646,780 1,309,530		\$2.59 \$1.49 \$1.00 \$1.10 \$1.10 \$1.17 \$1.25 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00	\$3,0226 1,4528 \$4,5164 0 \$4,5154	891,256 \$	\$2,055,915	\$51,256 \$5,322 \$4,867,206 \$0 \$145,866 (3,643,739) \$	475,377	1,938 (1,309,530)	1,782,969
169,888 493,862 646,789 1,309,530		\$2.88 \$1,48 \$0.00 \$0.01 \$1,28 \$4.88 \$2.89 \$2.20 \$0.00 \$0.01 \$0.01 \$0.01	\$2,9836 1,4928 \$4,4484 \$4,4484	1,463,906 S	\$4,397,148	\$1,463,926 \$5,374 \$6,405,805 \$0 \$171,361 (3,649,293) \$	1,015,895	1.938 (1,309.530)	2,323,476
	160,650 28,115 729,928	\$255 \$1.49 \$0.00 \$0.17 \$4.59 \$2.22 \$0.20 \$0.20 \$0.21 \$0.00 \$0.17	2,916 \$2,8983 1,4981 \$4,3884 0 94,3884	\$24,703,397 0,2235 1,4911 2,732,688 \$	\$8,104,196	\$2,792,688 85,521 \$3,303,592 \$0 \$54,994 2,007,399 \$	1,897,797	1,938 729,926	1,185,902
	266.483 768.220 1,762.220	\$288 \$1.49 \$0.00 \$0.17 \$1.49 \$2.98 \$2.98 \$0.00 \$0.17 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$	\$2.5266 1.4911 3.44179 0 0 \$4.4179	4,215,576 \$	\$12,626,646	\$4,210,576 \$6,812 \$3,506,229 \$0 \$5 \$55,449 4,841,579 \$	2939,716	1,938 1,762,220	1,176,553
	301.681 301.681 421.878 1.174.140 2.391.677	11.49 11.49 11.49 11.49 11.49 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43 11.43	\$2,9190 1,4911 \$4,4101 0 \$4,4101	4,706,673 \$	\$14,086,035	\$4,705,673 \$6,029 \$2,747,731 \$0 \$41,849 6,583,763 \$	3,285,849	1,998 2,397,877	887,234
	249,144 866,842 1,453,443 2,599,208	\$288 \$1.49 \$0.00 \$0.17 \$28 \$28 \$0.00 \$0.17 \$0.00 \$0.17	2.851 \$2.8375 \$1.4911 \$4.3266 0 \$4.3286	3,917,008 S	\$11.483,771	\$3.917,008 \$5.979 \$695,302 \$0 \$10,219 \$,885,263 \$	2,727,800	1.938 2.509.208	216,654
I	211.286 211.286 578.173 90.273 1.767.882	\$1.49 \$0.00 \$0.01 \$4.51 \$2.55 \$0.25 \$0.25 \$0.00 \$0.17 \$1.24	\$2,8538 1,4911 \$4,3448 0 \$4,3448	2.971.945 S	\$8,745.041	\$2,971,945 \$5,852 \$602,343 \$0 \$14,139 \$,860,753 \$	2,069.355	1.938 1,767.882	299.735
168,898 483,852 546,790 1,309,530		\$2.55 \$1,49 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00	\$2,86/2 1,4911 \$4,3732 0 \$4,3732	1,520,529 \$	\$4,505,654	\$1,520,529 \$6,246 \$6,088,526 \$0,000,000 \$173,417 (3,562,366) \$	1,059,469	1,958 1,909.530)	2,367,061
168,888 493,862 846,790 1,309,530		\$259 \$1.49 \$0.00 \$0.17 \$4.55 \$1.29 \$0.21 \$0.00 \$0.17 \$1.38	2,998 52,9514 1,4911 54,4225 0 54,4225	B4-8,000 \$	\$2,579,131	\$848,668 \$5,723 \$5,718,874 \$0 \$151,926 \$3,546,669 \$	603,853	1,938 - [1,309,530]	1,911,445
168,888 463,882 646,790 1,309,530		\$2.89 \$1.40 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00 \$1.00	\$3.0294 1.4911 \$4.5204 0 \$4.5204	569,755 \$	\$1,768,864	\$588,736 \$5,275 \$4,634,418 \$0 \$142,559 \$1,582,123} \$	405,247	(1,309,530)	1,712,839
168,988 493,862 646,780 1,909,590		\$2.99 \$1.49 \$0.00 \$0.00 \$4.56 \$1.22 \$0.00 \$0.00 \$0.00 \$0.00	\$3.0521 1.4911 \$4.5432 0 \$4.5432	551,916 \$	\$1,809,045	\$551,918 \$5,333 \$4,730,116 \$0 \$143,317 (3,621,638) \$	421,335	1.93B (1.309.530)	1,728.927
166,998 493,962 646,780 1,309,530		\$3.00 \$5.00 \$0.07 \$3.00 \$3.00 \$3.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00 \$5.00	3.028 \$3.0866 1.4911 \$4.5776 0 \$4.5776	553,682	\$1,772,917	\$53.062 \$5.382 \$4.725.008 \$1.42.003 \$1.42.003 (0.654.567)	404,075	1,938	1.711.667

					6,839,616	19,046,197	(675,665)
					E,839.818	19,016,197 5 \$2,7833	(676.655) (1.606.765) \$2.7934
Sep-23 431,641 33,474 465,115 5,853 471,088 475,778	, , , , , , , , , , , , , , , , , , , ,	485,862 646,780 1,308,530	1,938	\$0.0463 \$0.0315	\$0.0178	2314,011 S 19,016,197 S	1676,885) 1,402,484 (1,806,785)
Aun-23 267, 139 27, 1879 395, 019 5, 056 400, 075 404, 075	, (68,898	493,862 648,780 1,309,530	1,526	SLOUES FLOUES	\$0.0178	2.339,908 S 16.702,167 S	(1,170,627) 1,399,980 (3,009,229)
Jul-23 382,786 48,105 411,691 5,272 417,183	, 158,888	493,862 646,730 1,309,530	419.397	\$0.0161 \$0.00161	\$2,208,280	2,286,936 14,392,278 \$	(1,694,359) 1,385,071 (4,409,209)
Jun-23 379.824 16.545 396.470 5.075 401.545 405.561	, , , , , , , , , , , , , , , , , , , ,	480,862 646,780 1,308,530	1.938 403.622	\$2,0159	\$0.0178	2.290.683 S 12.106.342 S	(2,156,261) 1,370,176 (5,795,281)
May-23 265,987 24,882 590,849 7,563 598,412 604,396	, 68,888	485,862 645,780 1,309,530	602,467	\$10.015 \$10.015	\$0.0178 \$0.0178	2.237,711 \$ 9.844,659 \$	(2,862,113) 1,356,267 (7,165,456)
Apr-23 1,018,073 1,036,885 1,036,1372 1,080,126 1,080,126	168,888	493,862 646,780 1,309,530	689'890'1	80.0158 80.0158	50.0178 50.0178 2,761.276	2,247,556 \$ 7,805,948 \$	(3.145,975) 1,362,228 (8,521,723)
Mar-23 1,890,245 36,067 2,026,312 2,607 2,007,748	211,256 578,173 880,213		2.069.810	\$0.0177 \$1,0031	\$0.0178 \$0.0178 \$1,945,607	(3,282,144) \$ 5,359,392 \$	(1,606,453) (1,606,453) (9,882,951)
Feb-23 2,823,140 48,679 2,669,820 34,174 2,703,894 2,731,034	249,144 806,642 1,453,423 2,509,208		2,729,095	\$0.0315 \$0.0315		_	(3,063,865) (2,253,234) (8,274,498)
Jan-23 3.150,405 98,565 3.216,390 41,177 3.230,749	301,881 921,876 1,174,140 2,397,677		3.288,811	\$100182 \$00018	\$0.0178 \$0.0178 4.839,683	13,331,446 S	(2,257,024) (2,575,124) (6,021,264)
Dec.22 2822-70 54,830 2,877,340 38,839 2,814,139 2,814,139	256,463 768,220 737,527 1,782,220		2,941,332	\$0.0175 \$0.0075 \$10.005	\$0.0178 \$0.0178 8,315.484	17,396.703 \$	(1,325,148) (2,145,837) (3,446,140)
Nov-22 1,890,898 26,536 1,867,522 23,776 1,880,128 1,900,112	183,650 384,115 182,161 728,926		1.698,174	\$0.00167 \$0.00167	\$0.0178 \$0.0178	(952,575) \$ 20.134,758 \$	(1,072,968) (1,300,203)
04:22 978.395 14,698 844.261 12,735 1,006.577 1,017,047	168,888	465,882 646,780 1,309,530	1,015,108	Shours Suches	\$0.0178 \$0.0178 7,655,285	2302,525 \$ 21.087,339 \$ \$2.7546	(182,803) (1,386,509 (227,225) \$2,7934
5ep-22 431,841 33,474 465,115 5,653 471,088	168,888	493,862 846,780 1,308,530	473.840	\$20.0169 \$0.0160 \$10.003	\$0.0078 \$0.0078 6.830,616	\$ 2,277,912 S \$ 18,784,838 B	(678,985) 1,380,607 (1,522,744)

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1,783,370	1,838	(1.30 <u>9.</u> 530)	475,778	\$891,345 \$5,473 \$6,009,217 \$145,865 (3,716,474)	52,134,446		891,345	1.5833			168,888 493,862 546,780
1,711,667	1,938	(1,309,530)	404,075	5587,894 55,463 \$4,798.247 \$0 \$142,500 (3,708,889) \$	\$1,824,219		\$ \$468,788	1437 SS1238 1.6833 S4.7131 0	25.44 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25.25 25 25 25 25 25 25 25 25 25 25 25 25 2		158,888 493,862 646,780
1,728,927	1,908	0.309.820	421,335	\$55,038 \$5,409 \$4,797,939 \$1,43,317 (3,673,003)	\$1,859,594		\$ 860,088	\$3.0922 1.5933 \$4.6755 0 \$4.6765	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		168.838 493.842 646.780
1,713,153	1,938	(1,309,530)	405,581	\$605,448 \$5,347 \$4,699,022 \$0 \$142,573 (3,630,868) \$	\$1.821,532		605,448 \$	\$3.0673 1.58933 \$41,6905 0	\$5 0.0 \$1 56 \$1 56 \$2 0.0 \$2 0.0 \$2 0.0 \$5 0		163.888 493.862 646.780 1,309.530
1.811.886	1,528	(1,309,530)	804,366	\$507,981 \$57,900,560 \$57,900,560 \$0 \$157,552 \$393,978) \$	\$2,655,809		901,961 \$	3.005 82.5653 1.5603 84.5516 0 0	2		169,888 493,882 646,780 1,309,530
2,368,219	1,908	(0.308,530)	1,080,627	\$1,616,340 \$5,516 \$8,457,697 \$0 \$178,471 (3,609,774,1	\$4,643,041		1,616,340 \$	\$2,9191 1,6933 \$4,5034 \$4,5024	2 2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		168,888 493,862 846,780 1 309,530
302.128	1,938	700,107	2,071,746	83,159,414 \$5,878 \$921,093 \$0 \$14,251 4,881,597 \$	58,992,291		3,159,414 S	\$2,8933 1,5833 \$4,4633 0 \$4,4633	52 88 51 58 51 58 51 50 52 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 5	271,285 576,173 990,213 1,787,882	
219.867	1,938	Dr. Yangara	2,731,034	\$4.164.213 \$6.052 \$652.836 \$0 \$10.372 6,943.143	511,807,417		4.164,213 \$	2.879 \$2.8628 1.5833 \$4.461 \$4.461	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	289.144 906.842 1.456.473 2,506.208	
891,134	1,938	1011007	3,290,749	\$5,003,738 \$6,105 \$2,794,766 \$0 \$42,033 6,640,382 \$	\$14,487,023		5,003,738 \$	\$2,5479 1,8833 \$4,5811 0 \$4,5811	25 25 25 25 25 25 25 25 25 25 25 25 25 2	201,881 921,878 1,774,140 2,391,877	
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1,789,370	1,938	(1,309,530)	475,778	\$ (85) 050 (95) \$ (85) 050 (95) \$ (85) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95) \$ (95) 050 (95	\$2,073,134		\$ 651,089 \$	\$30574 1.4911 \$45465 0 0 \$45465	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		168,888 493,852 646,780

# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-02 Page 1 of 1

### **REQUEST:**

Refer to Atmos's response to Commission Staff's First Request for Information, Item 6. Provide the amount of dividends paid for fiscal year 2016, fiscal year 2017, fiscal year 2018 to date, the base period, and the test period. If there are no dividends paid in the base period and forecasted test year, explain the reason(s) for not paying a dividend.

#### **RESPONSE:**

Total Cash Dividends paid for:

FY16 - \$175,125,919 or \$1.68 / share FY17 - \$191,930,414 or \$1.80 / share CY17 (Base) - \$196,027,052 or \$1.835 / share FY18 YTD March - \$104,528,452 or \$.97 / share

The current indicated quarterly dividend for FY2018 is \$.485 / share. The indicated dividend for FY 2019, which includes the last six months of the test period, will not be determined until November 2018. Atmos Energy does not pay out stock dividends but only pays cash dividends.

Respondents: Joe Christian and Laura Gillham

# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-03 Page 1 of 1

#### **REQUEST:**

Provide Atmos's Pipeline Replacement Program's ("PRP") average annual cost per mile to replace pipe since its inception in 2009, with a breakdown by cost components.

### **RESPONSE:**

Please see Attachment 1.

FY11	\$440k/mile
FY12	\$692k/mile
FY13	\$648k/mile
FY14	\$705k/mile
FY15	\$616k/mile
FY16	\$703k/mile
FY17	\$1.12M/mile

#### ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing\_1-03\_Att1 - PRP Cost per Mile.xlsx, 1 Page.

Respondent: Greg Smith

KY 2017-00349 Staff Post-Hearing DR 1-03 Attachment 1

Expenditure Type	201	11	2012		2013	2014		2015		2016	2017		2018
Contractor Labor	\$ 2,525,	,016.19	\$ 11,464,270.35	\$ 1	.0,397,387.12	\$ 16,875,948.47	\$ :	27,815,852.20	\$ 2	4,477,553.10	\$ 29,580,521.10	\$ 1	.6,241,242.83
Materials with and without Stores	\$ 888,	,234.70	\$ 4,877,297.30	\$	5,354,605.16	\$ 3,572,982.32	\$	6,015,488.76	\$	2,757,548.80	\$ 6,057,961.52	\$	2,449,712.96
Company Labor	\$ 173,	,628.35	\$ 668,173.33	\$	1,039,768.26	\$ 1,448,146.46	\$	1,749,015.77	\$	1,828,059.14	\$ 1,788,897.66	\$	709,268.21
RUTTS	\$ 23,	,156.19	\$ 140,912.05	\$	183,015.03	\$ 292,136.54	\$	353,870.45	\$	451,723.19	\$ 428,466.69	\$	194,536.59
Company Labor and Associated Costs	\$ 196,	,784.54	\$ 809,085.38	\$	1,222,783.29	\$ 1,740,283.00	\$	2,102,886.22	\$	2,279,782.33	\$ 2,217,364.35	\$	903,804.80
Land / Land Rights / Permits	\$ 16,	,586.96	\$ 12,581.23	\$	19,850.92	\$ 274,992.95	\$	488,578.00	\$	98,859.17	\$ 1,396,423.53	\$	306,683.73
Miscellanous	\$ 75,	,049.41	\$ 128,852.09	\$	171,053.40	\$ 99,913.60	\$	310,019.32	\$	124,770.07	\$ 437,277.02	\$	96,302.12
Travel Expenses	\$ 3,	,759.78	\$ 3,544.73	\$	10,462.52	\$ 10,436.03	\$	40,401.67	\$	40,898.34	\$ 6,769.06	\$	3,140.57
Equipment / Equipment Rental	\$ 29,	,969.75	\$ 15,438.44	\$	15,694.16	\$ 29,004.39	\$	1,851.19	\$	48,645.58	\$ 63,433.33	\$	12,621.12
Reimbursements	\$	- :	\$ (68,521.31)	\$	(50,157.35)	\$ (1,934.06)	\$	(695.85)	\$	(2,878.24)	\$ (2,152.97)	\$	_
AFUDC	\$ 5,	,723.51	\$ 57,795.35	\$	30,114.41	\$ 89,555.74	\$	152,059.04	\$	143,529.70	\$ 140,453.15	\$	273,840.84
	\$ 3,741,	,124.84	\$ 17,300,343.56	\$ 1	7,171,793.64	\$ 22,691,182.45	\$ 3	36,926,440.56	\$ 2	9,968,708.85	\$ 39,898,050.10	\$ 2	0,287,348.97
Approx Miles Replaced	8.	.5	25.0		26.5	32.2		59.9		42.6	35.5		
Avg. Cost Per Mile to Replace	\$ 4	140,132	\$ 692,014	\$	647,992	\$ 704,695	\$	616,468	\$	703,491	\$ 1,123,889		

### Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-04 Page 1 of 1

### **REQUEST:**

Provide the number of miles of bare-steel pipeline that Atmos has remaining on its system, as well as the number of miles of pipeline that has been replaced as a result of the PRP.

#### RESPONSE:

As defined by the original 2009 PRP rate case, Atmos Energy has approximately 220 miles of bare/ineffectively coated steel (and associated services) remaining. By the end of 2018, we should be 42-45% complete with the program and are committed to complete bare steel replacement within the original 15 year schedule. Please also see Attachment 1 of Company's response to Staff Post-Hearing 1-03 for miles of pipeline replaced.

Respondent: Greg Smith

# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-05 Page 1 of 1

#### **REQUEST:**

Provide the current one-year and five-year PRP project lists that have been prepared by engineering and the associated estimated cost for each identified project.

#### **RESPONSE:**

As stated during cross examination, Atmos Energy has detailed estimates for a pool of projects 12-18 months in advance and then an identified list of projects within our 5 year plan that may require longer term engineering design, permitting, or easement acquisition. Our detailed list of FY18 projects can be found as part of its 2018 PRP filing in Case No. 2017-00308 which was approved by the PSC on October 27, 2017.

Please see the below project lists in Attachment 1:

- FY 2019 KY PRP Project Detail
- FY 2020 2022 KY PRP Project Identification

#### ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing\_1-05\_Att1 - PRP Projects.xlsx, 4 Pages.

Respondent: Greg Smith

	Project Title:	Overall Project Description:	Project / CB Number	Main Installed (ft):	Main Retired	Main Size:	# Services Replaced:	LP/IP/HIP	Contract Labor \$	ATO Labor S	Material S	Total
4adisonville	2634											
		Replace 192' of 4" Epoxy, 4208' of 3" Bare Sti., with 4199' of 4" PE. with 104										
	PRP,2634.Grapevine Rd	Services.	050.00000 - 00000	4,199		4"	104	IP/IP	S 231,869	\$ 13,857	\$ 21,940	\$ 267,6
		Replace143' of 1.25" Bare Stl., 490' of 6" Bare Stl., 96' of 2" PE,1,167' of 3"		1								
		Epoxy, 3,001' of 4" Epoxy, 273' of 2" Bare Stl., 3,929' of 3" Bare Stl., 613' of		1			ĺ					
		2" Epoxy, 5,034' of 4" Bare Stl., LP with 13,951' of 2" PE IP. Eliminates 4 LP Regulator Stations, 277 Services	070 00000 00000									
	PRP.2634.Princeton Rd		050.00000 - 00000 050,47033 - 47026	13,951		2"	277			\$ 46,038		
	PRP.2634.Lunsford St	Replace 323 of 2" Bare Sti LP with 325' of 4" PE LP	050,47033 - 47026	332'		2"	3	LP/LP	\$ 11,000	\$ 7,604	\$ 2,610	\$ 21,2
Hanson	2634	73 1 0000 COLUMN				ļ						ļ
	PRP.2634.Hanson-Sunset Rd.	Replace 899' of 2" Epoxy, 1827' of 2" Bare Stl., 175' of 1.25" N/A Plastic, with 2217' of 2" PE. with 50 Services	050.00000 - 000000	2217		٠,,	50	IP/IP	\$ 122,423	\$ 7.316		
		2217 Of 2 P.E. Wild 50 Services	050.00000 - 00000	2217		2"	30	IP/AP	3 122,425	\$ 7,316	\$ 4,267	\$ 134,0
Robards	2634	Replace12' of 2" PE, 71' of 1.25 Epoxy, 3573' of 2" Epoxy, 5341' of 2" Bare	ļ									
		Stl., 14' of 2" Epoxy, 167' of 1" Epoxy, 684' of 2" N/A Plastic, with 9829' of 2"										
	PRP.2634.Robards	PE., with 108 Services	050.00000 - 00000	9829		2"	108	IP/IP	\$ 542,757	S 32,436	e 10000	\$ 594,1
Slaughters	2634	T.E., Will 196 Set Wes	030.0000 - 00000	9629			108	12/12	3 342,737	3 32,430	\$ 16,920	3 394,1
Siauginers	2034	Replace 7554' of 2" Epoxy, 4604' of 2" Bare Stl., 830' of 1" Epoxy, 333' of 2"										
		N/A Plastic, 1222' of 1,25" N/A Plastic, with 12763' of 2" PE., with 99 Services										
	PRP.2634.Slaughters	TOWN HASHE, 1222 OF 1.23 TWA Plaste, With 12703 OF 2 FEE, WITH 99 Services	050,00000 - 00000	12763		2"	99	IP/IP	S 704,772	\$ 42,118	e 24569	\$ 771,4
Princeton	2635		050,0000 - 00000	12703				11/11	3 /04,772	3 42,110	g 24,308	3 771,4
rimcecon	2033	Replace 118' of 1.25 Bare Stl. 480' of Unknown, 355' of 4" Epoxy, 87' of 4"				<del>}</del>						+
		PE, 872' of of 3" Bare Stl., 3229' of 2" Bare Stl., 5' of 3" Epoxy, with 2445' of										
}	PRP.2635.Princeton South Jefferson	2" PE. and 2560' of 4" PE. with 70 Services	050.00000 - 00000	5015		2", 4"	70	IP/IP	\$ 459,803	e 16.540	18,101.88.00	\$ 476.2
	PKP.2035.FIRECEIOR SOUTH JULIESON	Replace 1268' of 2" Epoxy,527' of 1,25 Bare Stl., 63' of 3" Epoxy, 218' of 2"	030.00000 - 00000	3013		2.4	,,,	II/II	455,603	\$ 10,349	16,101.66.00	3 470,3.
		N/A Plastic, 108' of 1" Bare Stl., 2491' of 2" Bare Stl., 1684' of 3" Bare Stl.,										i
ŀ	PRP,2635.Princeton Southwest	130' of 1.25 PE, with 6610' of 2" PE, with 123 Services	050.00000 - 00000	7810		2"	155	IP/IP	\$ 397,289	\$ 21.813	¢ 12.724	\$ 431,8
	114 ,2003.1 Hildelian bounderst	Replace 131' of 1" Bare Stl., 234' of 1.25 Bare Stl., 100' of 1.25 N/A PE., 1424'	250,00000 00000	7310			135	м/п	377,207	9 21,010	4 12,724	J 452,0.
		of 2" Epoxy,3913' of 2"Bare Stl., 117' of MDPE 2", 793' of 4" Bare Stl., 317'										
	PRP.2635.Princeton West	of 4" Epoxy, with 145 Services	050.00000 - 00000	8676		2", 4"	145	IP/IP	\$ 586,889	\$ 28,631	\$ 20.734	\$ 636,2
	TRO .2005 I I I I I I I I I I I I I I I I I I	Replace28' of 2" Mill Wrap,286' of 1,25 Epoxy, 828' of 2' PE,461' of 1,25 Bare		9070		*,4	145	11/11	Ψ 300,009	\$ 25,051	3 20,734	3 050,2
		Stl.,6718' of 2" Bare Stl., 912' of 4" Epoxy, 736' of 2" Epoxy, 97' of Unknown,										
		435' of 4" Bare Stl., 71' of 1" Bare Stl., 687' of 1,25 N/A Plastic, 2289' of 3"										1
		Bare Stl., and 110' of Epoxy, with 7061' of 2' PE, and 4115' of 4" PE, with 7454										
		of 2" PE, and 1222' of 4" PE, with 162 Services										
	PRP.2635.Princeton North		050,00000 - 00000	11176		2", 4"	160	17P/JTP	\$ 671,314	\$ 36,881	€ 35.003	\$ 743,25
	FRF.2035.FIIIICEIOII NOTUI	Replace 2401' of 3 Bare Stl., 4128' of 2" Bare Stl., 1769' of 2' Epoxy, 30' of 3"	00000 - 000000	11170		2,7	100		p 0/1,314	\$ 30,051	روں <u>, در</u> ق	9 /43,24
		Epoxy, 192' of 1.25 Bare Stl., 311' of 4" Bare Stl., 1381' of 4" Epoxy, 197' of 2"										
		Plastic, with 6378' of 2"PE., and 458' of 4" PE. with 190 Services										
+	PRP.2635.Princeton East	a motory with the state of the	050.00000 - 00000	. 6836		2", 4"	165	1P/IP	\$ 483,798	\$ 22,549	\$ 14.671	\$ 521,01
	11d .2035.1 Integen Last	Replace 3404' of 2" Epoxy, 1422' of 1" Epoxy, 91' of 2" N/A Plastic, 31' of 1"	050.00000 - 00000	. 0030		2,4	100	11/11	Ψ 405,756	Φ 22,5+>	4 14.071	Ψ JZ1,01
[·	PRP.2635.Whipporwill	N/A Plastic, with 4948' of 2" PE, with 45 Services	050,00000 - 00000	4948		2"	45	119/119	\$ 273,228	\$ 16,328	\$ 9.525	\$ 299.08
Owensboro	2636			12.17					110,000	,	7,020	
O WELISDING		Replace 763' of 6" Hot Tar. 1,320' of 8" Epoxy, 249' of 1,25" Hot Tar, 208' of										+
		1.25" Epoxy, 894' of8" Hot Tar, 2.345' of 2" Epoxy, 20' of 6" PE, 231' of 4"					1					
		Epoxy, 766' of 2" PE, 923' of 2" Hot Tar, 309' of 6" Epoxy IP, with 4,780' of				1	. 1					
	PRP.2636.14th St	2" PE and 4,200' of 6" PE IP. 67 Services	050,00000 - 00000	8.980		2".6"	67	IP/IP	\$ 513,036	\$ 29,634	\$ 50,782	\$ 593.4
	2.10.700711102.01	3-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1								,		
		Replace 677' of 4" Mill Wrap, 260' of 4" PE, 1,289, of 4" Hot Tar, 212' of 2"										
ĺ		PE, 2,695' of 2" Mill Wrap Bare Joint, 8' of 4" PE, 3,875' of 4" Mill Wrap Bare										
		Joint, 4,115' of 2" Epoxy, 1,099' of 4" Epoxy, 1,041' of 2" Mill Wrap IP, with										
	PRP.2636.Carter - Bosley Rd	6,584' of 2" PE, 4,562' of 4" PE and 3,110' of 6" PE IP. 265 Services	050,00000 - 00000	14256		2",4",6"	265	IP/IP	\$ 787,216	\$ 47,045	\$ 67,300	\$ 901,5
		Replace 844' of 2" Hot Tar, 1,569' of 2" Mill Wrap, 271' of 2" Epoxy, 1,213' of										1
I		6" Epoxy, 939' of 2" Mill Wrap Bare Joint, 102' of 2" PE with 1,210' of 6" PE										İ
1	PRP.2636.Ford & Robin Rd	and 2,994' of 2" PE IP, 55 Services	050.00000 - 00000	4204		2'.6"	55	IP/IP & LP/IP	\$ 238,580	\$ 13,873	\$ 17.742	\$ 270,1
		Replace 209' of 2" PE, 95' of 4" Epoxy, 1,299' of 3" Epoxy, 982' of 2" Epoxy,				,0				,012		
		1,678' of 4" Hot Tar IP, with 2,800' of 2" PE and 1,767 of 4" PE IP. 91				1		ĺ				1
	PRP,2636.Glenn Ct	Services	050.00000 ~ 00000	4567		2",4"	91	IP/IP	\$ 252,190	\$ 15,070	\$ 14,623	\$ 281,8
		Replace 78' of 3" Epoxy, 48' of 2" PE, 1,200' of 2" Epoxy, 45' of .75" Hot Tar,										
	PRP.2636.Eastwood Dr	10' of 4" PE, 4,449' of 3" Hot Tar, 45' of 2" Mill Wrap, 441' of 2" Hot Tar.	050,00000 - 00000	6,300		2",4"	71	IP/IP	\$ 347,886	\$ 20,790		\$ 385,8
	PRP.2636.W 6th & Crabtree	Replace 152' of 2" Hot Tar, 970' of 3" Hot Tar with 1,121' of 2" PE IP	050.00000 - 00000	1121		2"	24	IP/IP	\$ 18,422	\$ 8,712	\$ 2,158	\$ 29,2
		Replace 541' of 4" Hot Tar, 279' of 4" Epoxy, 16' of 2" Epoxy with 840' of 2"										
I	PRP.2636.Plum Street	PE IP. 23 Services	050.00000 - 00000	840'		2"	23	IP/IP	\$ 13,269	\$ 6,336		\$ 21,2
	FIG. 2030.Fium Succi											1 2 24 5
	PRP,2636.Davies Dr (Hawesville)	Replace 381' of 2" Hot Tar with 400' of 2" PE, 6 Services	050.00000 - 00000	400		2"	6	IP/IP	\$ 6,687	\$ 4,752	\$ 6,120	\$ 17,5
		Replace 381' of 2" Hot Tar with 400' of 2" PE. 6 Services	050.00000 - 00000	400		2"	6	IP/IP	\$ 6,687	\$ 4,752	\$ 6,120	\$ 17,

Project / CE Installed (ft): | Main Retired Number Replaced: LP / IP / HP | Contract Labor \$ ATO Labor \$ Project Title: Overall Project Description: Main Size: Material \$ Total Replace 295' of 4" N/A Plastic, 865' of 2" Epoxy, 1474' of 4" Bare Stl., 1197' of 6" Bare Stl., 4000' of 4" Epoxy, 271' of 2" N/A Plastic, with 6855' of 2" PE., 2130' of 4" PE., 116 Services, 3-Grade 3 Leaks 050 00000 - 46853 496.152 \$ 29.651 24.325 S 550.128 PRP 2736.Central Ave 8985 LP/IP \$ Replace 1551' of of 4" Bare Stl., 966' of 6" Bare Stl., 1633' of 2" Epoxy, 952' of 2" Bare Stl., 165' of 6" Epoxy, 182' of 2" Plastic, 4769' of 4" Epoxy, 177' of 4" PE., with 8855' of 2" PE., 1560' of 4" PE., with 154 Services, 1-Grade 3 PRP.2736.East 19th St 050.00000 - 00000 10415 2", 4" 154 IP/IP S 475,116 \$ 34,370 \$ 25,197 \$ 534,683 Replace 444' of 2" Bare Stl., 1709' of 4" Bare Stl., 196' of 3" Bare Stl., 338' of 6" Bare Stl., 350' of 2" Plastic, 613' of 2" Epoxy, 1303' of 4" PE, 2256' of 4" Epoxy, 850' of 6" Epoxy, with 7160' of 2" PE., 2692' Of 4" PE with 151 Services 050.00000 - 00000 9852 2", 4" 544,027 S 32,511 \$ 27,849 \$ 604,387 PRP,2736,Phelps Ave 2637 Paducah Replace 292' of 1,25" Epoxy, 3,908' of 2" Bare Stl., 101' of 2" Epoxy, 495' 2" PE, 718' of Bare 3" Stl., 1,721' of 4" Bare Stl., 35' of 4" Epoxy, 383' of 6" Bare PRP,2637,Clark St Phase 1 Stl. IP with 8,041' of 2" PE IP. 92 Services 050,00000 - 46808 8041 35,479 \$ 551,148 Replace 3664' of 2" Bare Stl., 34' of 2" Epoxy Stl., 262' of 2" Plastic746' of 4" Bare Stl. and 40' Of 4" Epoxy Stl., with 4140" of 2" PE., and 765" of 4" PE. 050,47397 - 46806 PRP.2637.Mississippi-Georgia with 115 Services No Leaks, Fence Jumper Route 2", 4" 218 IP/IP S 29,472 \$ 615,498 9,662 562,211 \$ 23,815 \$ Replace 212' of 1.25" Bare Stl. 392' of 2" PF. 2.367' of 2" Epoxy. 11.318' of 2" Bare Stl. and 1,967 of 6" Bare Stl. with 11,711 of 2" PE,1,492 of 4" PE, and 1,681' of 6" PE. 10-Grade 3 Leaks 391 Services 050.00000 ~ 00000 391 IP/IP 46,981 \$1,001,492 PRP.2637.North 26th St 14,884 2",4",6" 905,394 Replace, 2,890' of 2" Bare Stl., 1,955' of 4" Bare Stl., 307' of 3" Bare Stl., 157' PRP.2637.Ohio Street of 2" PE IP, with 2,436' of 2" PE, 2,819' of 4" PE IP. 050,00000 - 000000 5,255 2".4" IP/IP 19,418 \$ 377,872 341,112 17,342 2734 Russellville Replace approximately 1.6 miles of 4" Bare Stl., with 5,700' of 6" Stl., and PRP.2734.West Russellville HPD 2,900' of 6" Poly. Replace 5,900' of 2" Coated Stl. to eliminate Isolated Stl. 050 00000 - 00000 14500 HPD/HPD 3,059,974 26,001 \$ 713,194 \$3,799,169 Bowling Green 2734 Replace approximately 4.8 Miles of 6" Stl Bare HPD pipe with 6" HPD Steel. 050.00000 - 00000 952,392 \$5,274,113 PRP.2734.Schweizer Rd 25344 HPD 4,296,763 \$ 24,958 Replace 185' of 2" unkown Coating, 572' of 2" Epoxy, and 1,121' 2" Bare Stl. with 1,600' of 2" PE. There has been 4 leaks on this pipe in the last year. 17 050,00000 - 00000 1600 IP/IP \$ 171,380 \$ 3.080 S 179.740 PRP.2734.Boatlanding Rd. services 5.280 Replace 273' of 1.25" Epoxy, 262' of 2" Epoxy, 1,184' of 6" Epoxy, and 2,501 of 6" Bare Stl., with 4,500' of 6" PE. This pipe has a history of leakage and has several leak clamps on it, 15 Services 050,00000 - 00000 4500 327,274 S 14,850 S 44,550 \$ 386,674 PRP.2734.Jackson & Pearl St Replace 3,224' of 1.25" Epoxy ,6' of 1.25" PE, 1,524' of 2" Epoxy, 3,308' of 2" Bare Stl., 2,108' 3" Bare Stl., 269' of 2" unknown coating, 544' of 2" PE, 78' of 050,00000 - 00000 11,184 \$ 476,471 PRP.2734.Morgantown Rd & S Sunrise 4" PE. with 5,810' of 2" PE. 155 services 5810 155 IP/IP \$ 446.114 \$ 19,173 \$ Replace 240' of 2" Pe, 27' of 2" Epoxy, 261' of 3" Bare, 167' of 4" Pe, 568' of 4" Epoxy, 3,422' of 4" Bare Stl LP., with 4,800' of 2" IP PE, Retire 2-LP Regulator Stations, 104 services 050,00000 - 00000 4800 LP/IP \$ 104 574,695 15,840 \$ 9,240 \$ 599,775 PRP.2734. Nutwood & 10th Replace 2.671' of 1.25" Epoxy, 195' of 2" Epoxy, 122' of 1.25" PE, 4.207' of 2" Epoxy, 1,764' of 2" Bare Stl.,364' of 3" Epoxy, and 357' of 4" Epoxy with PRP,2734.Glen Lilly & N Sunrise 7,814 of 2" PE. 133 services 050.00000 - 00000 7814 133 570,987 \$ 25,786 \$ 15,042 \$ 611,815 Replace 393' of 2" Epxoy, 64' of 6" Epoxy, 826' of 6" Bare Stl., 761' of 6" Mill 050,00000 - 00000 IP/IP \$ 235,620 PRP.2734.WKU Normal Dr - Dogwood Dr. Wrap., with I,800' of 6" PE, Pipe has a history of leakage. 6 Services 1800 5.940 \$ 17,820 \$ 259,380 Retire 1,400' of 2" Bare Stl. in Holly Trailer Court no meters for 3yrs. 050.00000 - 00000 PRP.2734 Holly Dr 1400 2" 1.584 \$ 250 \$ 1,834 Replace 314' of 1.25" Epoxy, 1,592' of 4" Bare Stl., 430' of 4" Epoxy with 1,900' of 2" PE. History of leaks & several existing leak clamps, 5 srevices. 050,00000 - 00000 1,900 IP/IP \$ 21,060 9,504 \$ 3,658 \$ 34,222 PRP.2734. Church Ave Install 22,750' 8" steel to retire 1930 and 1938 Texas Gas lines; Magnolia 050,00000 - 00000 HPD \$1,000,000 PRP.2734. Centerline phase III River design and land rights - construction 2020 1,000,000 2734 Franklia

			Project / CB	Main			# Services					
	Project Title:	Overall Project Description:	Number	Installed (ft):	Main Retired	Main Size:	Replaced:	LP/IP/HP	Contract Labor S	ATO Labor \$	Material S	Total
	PRP 2734. Cedar & High St	Replace 129' of 1.25" Bare Stl., 817' of 3" Epoxy, 45' of 2" Epoxy, 132' of 4" PE, 1,078' of 4" Epoxy, 78' of 2" PE LP with 1350' of 2" PE LP. 25 Services	050,00000 - 00000	1,350		2"	25	LP/IP	\$ 21,747	\$ 35,640	e 2.000	\$ 59.9
	PRP.2754.Cedar & Flight St	FE, 1,076 of 4 Epoxy, 78 of 2 PE LP Willi 1330 of 2 PE LF. 23 Services	030,00000 - 00000	1,330			23	LF/IF	21,747	\$ 33,040	3 Z,000	\$ 39,9
				<del> </del>								<del>                                     </del>
Rowletts	2735											
		Replace 2800' of 2" Bare Stl., 46' of 2" PE,371' Hot Tar, 987' of 2" Mill Wrap,										
	PRP 2735 Hwy 31W Rowletts	900' of 2" Epoxy with 4800' of 2" PE., with 42 Services. No Leaks	050.00000 - 00000	4,800		2"	42	IP/IP	\$ 385,440	\$ 15,840	\$ 36,240	\$ 437,5
Cave City	2735			<del> </del>				l				+
Care cary												
				<u> </u>								
Oakland	2735											
	1	Replace 19' of 4" PE, 637' of 1.25" Bare Stl., 2514' of 2" Bare Stl., 1038' of 2" Epoxy, 143' of 2" Hot Tar, 25' of 2" Mill Wrtap, 2110' of 1.25" Epoxy, 54' 0f	}	}	}			}	1	}		1
		1.25" Hot Tar, with 1300' of 2" PE., 2700' of 4" PE., with 27 Services. No										
	PRP.2735.Church St,	Leaks	050,00000 - 00000	4,000		2". 4"	27	IP/IP	\$ 328,200	\$ 13,200	\$ 19,450	\$ 360,8
Munfordville/												
Woodsonville	2755	Replace 35' of 2" PE, 338' of 4" Epoxy, 180' of 3" Epoxy 1,597' of 2" Epoxy		<del> </del>								
		341' of 4" Mill Wrao, 98' of 1.25" Epoxy, 598' of 2" Mill Wrap., with 3,724' of										
	PRP,2735,South St	2" PE. 30 services.	050.00000 - 00000	3,724		2"	48	IP/IP	\$ 325,052	\$ 12,289	\$ 7,169	\$ 344.5
		Replace 477' of 2" Epoxy, 186' of 1.25" Hot Tar, 555' of 2" Mill Wrap, 127' of										
		1" Hot Tar, 568' of 2" PE, 386' of 4" Epoxy, 1,220' of 1.5" Bare Stl., 2,238' of										
		1.5" Adyl PE unlocateable, 82' of 2" Adyl PE unlocateable, 298' of 1.25"			ļ							1
		Epoxy, 125' of 1.5" Epoxy, 42' of 2" Hot Tar, with 5,263' of 2" PE. Replace			ĺ					i		
	PRP,2735, Woodsonville Rd	Woodsonville TBS and retire 1- Reg Station with 2" Distibution Tie back, 28 services.	050,00000 ~ 00000	5,263		2"	28	IP/IP	S 370.978	5 17,368	¢ 42131	\$ 430,4
	TIC 2733, WOODSON INC. ICC.	30,11003.	050.0000	3,203			2.0	H/H	370,378	5 17,500	42,131	3 450,4
Burgin	2737											
		Replace 333' of 1.25" Mill Wrap Bare Joint, 4,186',2" Mill Wrap bare Joint,										
	PRP.2737.KY 33	4,007' of 4" Epoxy, 1,975' of 2" PE of which some is unlocateable, 170' of 3" Epoxy, 1,360' of 2" Epoxy, 164 Services.	050,00000 - 00000	10,295		2".4"	164	TP/TP	S 742,887	\$ 33,974	e 22.240	\$ 810,2
	PRP.2737.K1 33	Lipoxy, 1,550 of 2 Lipoxy, 104 Services.	230,00000 - 00000	10,293		2,4	104	U/.U	3 /42,001	3 33,574	J JJ, J*+0	\$ 610,2
Lancaster	2737											
		Replace 28' of 6" Mill-Wrap Bare Joint, 198' of Plastic, 676' of 4" Mill Wrap-										
		Bare Joint, 5495' of 2" Mill Wrap - Bare Joint, 9711' of 2" Epoxy with 8450' of		1				·	•			1
	PRP.2737.W.Maple Ave	2" PE., 1300' of 4" PE., with 125 Services	050,00000 - 00000 050,00000 - 00000	9,750		2", 4"	125	IP/IP		\$ 24,131		\$ 944,5
	PRP.2737.Cowden Ct	Replace 4,745' of Bare 2" Stl. with 4,745' of 2" PE	030.00000 - 00000	4,745		2"	92	IP/IP	S 342,399	\$ 15,659	5 9,134	\$ 367,1
												ļ
Danville	2737				<u> </u>							
												I
		Replace 4,750' 4" Bare Stl, IP with 6" PE IP & 1,525' 2" Bare IP Stl. With 2"										
	PRP,2737,Hwy150	PE IP. Allen Asphalt on the 4" line new 6" PE will eliminate pressure issues.	050,00000 - 00000	6275		2',6"	40	IP/IP	\$ 485,529	\$ 20,708	\$ 49,960	\$ 556,1
	2737											
Burgin	PRP 2737 Burgin HPD -Shakertown	Replace 10,000' 2" bare with 4" steel; replace 28,000 3" bare with 6" PE	050,00000 - 0000	38,000		4"_6"		HPD/IP	\$ 2,210,218	S 4,148	₽ 970 704	\$3.085.1
	2737. Durgin 111 17 "Shakettowil	soprated 10,000 2 date with 7 seed, teplate 20,000 3 date with 0 FE	000,00000 - 0000	30,000		7,0		III D/IF	2,2,10,218	÷,146	ψ 010,134	ψω,σσσ,1
Campbellsville	2738											<b>†</b>
		Replace \$335' of Bare Stl. LP with 7735' of 2" & 600' 4" PE IP retire 3-LP						1				
	PRP.2738.Robinson Ave	Stations	050,00000 - 00000	8335		2", 4"	107	LP/IP	\$ 665,803	\$ 27,506	\$ 18,025	\$ 711,3
		Replace 4,345' of 2" Epoxy, 277' of 4" Bare Stl., 663' of 4" PE, 140' of 2" Bare										
		Sti, 34' of 4" Epoxy LP with 5,442' of 2" PE IP. retire 2-LP Reg Sations, 43	050 00000 00000				,-	V 30, 200	g		m 10.451	e
<u></u>	PRP.2738.Baptist St	Services	050.00000 - 00000 050.44145 - 43698	5442	<del> </del>	2" 6"	43	LP/IP HPD		\$ 17,959	s 10,476	\$ 476,2 \$5,014,6
	PRP.2738.Springfield Calvary	Replace 16 miles of 4" bare with 6" steel - carried from F18	U3U.44143 - 43698	52800	L	6"	L	riPD	\$ 5,014,620	1		35,014,6

FY 2020	- 2022 KY PRP Project Identification									
			Replacement							
Town	Cost Center	Description	Footage	Main Size:	# Services	LP/IP/HP	Contract Labor	ATO Labor	Material \$	Total \$
Hopkinsville	2736 PRP.2736.N.19th & S. Main	Replace 306' of 4" N/A Plastic, 360' of 2" Bare Stl., 1285' of 2" Epoxy, 1322' of 4" Bare Stl., 1304' of 6" Bare Stl., 452' of 2" Plastic, 18' of 6" Epoxy, 1722' of 4" Epoxy, with 4045' of 2" PE., 2345' of 4" PE., with 95 Services	6390	2", 4"	95	19/19	\$ 338,492	\$ 15,815	\$ 20,039	\$ 374,346
72.1.1	2637				<u> </u>					
Paducah	PRP,2637,Paducah Lateral Replacement	Install 62,900' 12" steel to replace 6" bare steel from Texas Gas Purchase to			<u> </u>		<u> </u>			
	rkr.2007, radicali Latetai Kepiaceliesii	Meachem Lane; downrate 8" existing 1955 transmission line to distribution; Magnolia River design, land, material only for 2020					\$ 4,000,000			\$ 4,000,000
	PRP.2637.Paducah Lateral Replacement	Install 62,900' 12" steel to replace 6" bare steel from Texas Gas Purchase to Meachem Lane; downrate 8" existing 1955 transmission line to distribution; Magnolia River turnkey; construction for 2021, 2022	11,650			HPD	\$ 5,000,000			\$ 5,000,000
Storage	2609				ļ	<del> </del>				
	PRP.2609.Fruithill to Elkton replacement	Install 14 miles 12" steel from Fruithill to Elkton, to replace 10" bare steel; rebuild purchase station; Magnolia River turnkey project design, material, land for 2022				HPD	S 7,000,000			\$ 7,000,000
*****	PRP.2609 Fruithill to Elkton replacement	Install 14 miles 12" steel from Fruithill to Elkton, to replace 10" bare steel; rebuild purchase station; Magnolia River turnkey project construction for 2023	73,920			HPD	\$ 33,000,000			\$ 33,000,000
Bowling Green	2734									
Downing Green	PRP.2734, Centerline phase III	Phase II from Fi9: Install 22,750'8" steel to retire 1930 and 1938 Texas Gas lines; Magnolia River turnkey - construction 2020	22,750			НРД	\$ 9,000,000			\$ 9,000,000
D 0 7	2734									
Russeliville	Russellville, 9th, St.	Replace 2000' of 2" bare and 5000' of 4" bare with PE	7000	2",4"	71		\$ 447,830	\$ 17,325	\$ 29,975	\$ 495,130
	Transfer var. Jan Da	The state of the s	7550		/ ·		4,000	17.545	25,515	490,130
Owensboro										
	PRP.2634.Old Hartford Rd Replacement	Replace one mile 8" bare steel along Old Hartford Road	5280			HPD	\$ 2,500,000			\$ 2,500,000
Harrodsburg	2737									
	PRP.2737.Harrodsburg Lateral Replacement	Install 52,800° 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace 6" bare steel; Magnolia River design, tand, material only for 2020					\$ 3,000,000			\$ 3,000,000
	PRP.2737.Harrodsburg Lateral Replacement	Install 52,800 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace 6" bare steel, Magnolia River turnkey - construction 2021, 2022. Install 52,800 12" steel from Tennessee Gas Pipeline to Harrodsburg, to replace	26,400				\$ 11,500,000			\$ 11,500,000
	PRP.2737.Harrodsburg Lateral Replacement	6° bare steel: Magnolia River turnkey - construction 2021, 2022	26,400			HPD	\$ 11,500,000			
Lancaster	2737									
Project 1;	PRP.2737.KY 52-Danville St	Replace 2749' of 6" Mill Wrap - Bare Joint, 946' of 4" Mill Wrap - Bare Joint, 21' of 4" Epoxy, 329' of 2" Mill Wrap - Bare Joint, with 510' of 2" PE., 2125' of 4" PE., 4050' of 6" PE., with 125 Services	6,685	2", 4", 6"	125	IP/IP	\$ 545,496	\$ 16,545	\$ 52,180	\$ 614,221
	PRP.2737.Campbell St	Replace 104' of 1.25 Epoxy, 215' of 1.25 Bare Stl., 7151' of 2" Mill Wrap - Bare Joint, 192' of 2' Bare Stl., 751' of 2" Epoxy, 746' of 4" Mill Wrap - Bare joint, 43' of Plastic, 97' of 4" Epoxy, with 6745' of 2" PE., 825' of 4" PE., with 112 Services	7,570	2", 4"	112	IP/IP	\$828,751.00	\$18,736.00	\$17,295,00	\$864,782.00
	PRP.2737.Lancaster to Stanford bare replacement	Install 11 miles 6" steel from Lancaster to Stanford, to replace 4" bare steel; rebuild purchase station; Magnolia River turnkey project design, material, land for 2022				HPD	\$ 3,000,000			\$ 3,000,000
	PRP.2737.Lancaster to Stanford bare replacement	Install 11 miles 6" steel from Lancaster to Stanford, to replace 4" bare steel; rebuild purchase station; Magnolia River turnkey project construction for 2023	58,080			HPD				\$ 22,000,000

# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-06 Page 1 of 1

#### **REQUEST:**

Provide a list of Atmos's other operating divisions in other states, indicate whether a Research and Development Rider is approved for such divisions, and if so, provide the corresponding tariffed rate. If Research and Development is funded through base rates, provide the amount that is included in revenue requirements for that purpose.

#### **RESPONSE:**

Please see Attachment 1. Also, please see the Company's response to Staff DR No. 2-11.

#### **ATTACHMENT:**

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing DR\_1-06-Att1 - GTI.xls

Respondent: Mark Martin

Provide a list of Atmos's other operating divisions in other states, indicate whether a Research and Development Rider is approved for such divisions, and if so, provide the corresponding tariffed rate. If Research and Development is funded through base rates, provide the amount that is included in revenue requirements for that purpose.

Division	Jurisdiction	Method	Rate per 1,000 cubic feet	Amount included in Revenue Requirements					
MS	MS	R&D Rider	\$0.0174						
	КҮ	R&D Rider	\$0.0035						
KMD	TN								
	VA	Base Rates		\$109K per year.					
LA	LA	Base Rates		\$1.00 per meter per year. We remitted \$313K to LA RDC last year (based on previous ro of \$.90/meter)					
MDTX	Mid-Texas	Base Rates		\$300K per year					
WTX	West Texas	Base Rates		\$60K per year					
CO VS	со	residuação de la compansión de la compan							
CO-KS	KS								

# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-07 Page 1 of 1

#### REQUEST:

Refer to the Attorney General's response to Atmos's Request for Information, Item 20. Provide the amount of Directors' Stock expense that is included in Atmos's revenue requirement.

### **RESPONSE:**

The gross amount of \$3,493,913 can be found in cell B67 on the "Div 002 FY18 Budget" tab in the relied upon file "OM for KY-2017 case.xlsx". Using the allocation factor of 5.2% results in \$181,683 being allocated to Kentucky in revenue requirement.

Respondent: Greg Waller

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Atmos Energy Corporation, Kentucky Division
Staff Post-Hearing DR Set No. 1
Question No. 1-08
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#### REQUEST:

Refer to Mr. Baudino's Direct Testimony, where he proposed an adjustment to the interest rate of Atmos's \$450 million senior note maturing on March 15, 2019, from 8.5 percent to 4 percent. If Atmos believes the 4 percent interest rate is not attainable, provide the interest rate that Atmos finds reasonable, with supporting documentation.

#### **RESPONSE:**

As discussed at the hearing the on March 22, 2018, the AG's proposed 4 percent interest rate does not include all the components necessary to calculate a new overall cost of a hypothetical refinancing.

Please see Attachment 1 for the Company's current estimate of refinancing the \$450 million senior note as of March 15, 2018 as well as a hypothetical calculation of issuing \$450 million of debt, but without any pre-payment obligations.

#### ATTACHMENT:

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing\_1-08\_Att1 - \$450 MM Refinance.xlsx, 2 Pages.

Respondent: Joe Christian

#### Atmos Energy Corporation, Kentucky/Mid-States Division Kentucky Jurisdiction Case No. 2017-00349 \$450 MM Refinance

Forecasted Test Period: Twelve Months Ended March 31, 2019

Staff Post Hearing 1-08

Workp	aper Reference No(s).			3	ness: Christian
Line		14.00	Amount	Interest	Effective Annual
No.	Issue		Outstanding	Rate	Cost
	(A)		(B)	(C)	(D)
1	8.50% Sr Note due 3/15/2019		450,000,000	8.500%	
2	Make Whole Premium		38,250,000		
3	Underlying Treasury out (in) the money as of 03/15	_	73,000,000		
4	Sr Note due 3/15/2049	_	561,250,000		
5	Refinance - Underlying Treasury Yield Component	[1]		3.782%	
6	Refinance - Credit Spread			1.000%	
7	Refinance - Optional Redemption Make Whole Premium	[2]		0.500%	
8	Fees	[3]		0.267%	
9					
10					31,145,225
11	Total			5.55%	\$ 31,145,225
12					
13	[1] FR 16(7)(I) Attachment 1 [2016 10K page 39)				
14	[2] AG DR No. 1-40 Att 1 Page 31 of 95				
15	[3] Estimated Fees		1,500,000		

Email from Dan on 03/16:

FYI - We would have to borrow an additional \$73mm to settle the swaps today.

Dan Meziere | VP & Treasurer | Atmos Energy Corporation | 972-855-3726 Office | 214-550-9326 Fax | Dan.Meziere@atmosenergy.com | www.at

#### Atmos Energy Corporation, Kentucky/Mid-States Division Kentucky Jurisdiction Case No. 2017-00349 \$450 MM Refinance

Forecasted Test Period: Twelve Months Ended March 31, 2019

Staff Post Hearing 1-08

Work	paper Reference No(s)				Wit	ness: Christian
						Effective
Line			Amount	Interest		Annual
No.	Issue		Outstanding	Rate		Cost
	(A)		(B)	(C)		(D)
1	8.50% Sr Note due 3/15/2019		450,000,000	8.500%		
2	Make Whole Premium					
3	Underlying Treasury out (in) the money as of 03/15		73,000,000			
4	Sr Note due 3/15/2049	_	523,000,000			
5	Refinance - Underlying Treasury Yield Component	[1]		3.782%		
6	Refinance - Credit Spread			1,000%		
7	Refinance - Optional Redemption Make Whole Premium	[2]		0.000%		
8	Fees	[3]		0.287%		
9						
10						26,509,860
11	Total			5.07%	\$	26,509,860
12						
13	[1] FR 16(7)(I) Attachment 1 [2016 10K page 39)					
14	[2] AG DR No. 1-40 Att 1 Page 31 of 95					
15	[3] Estimated Fees		1,500,000			

Email from Dan on 03/16:

 $\ensuremath{\mathsf{FYI}}$  - We would have to borrow an additional \$73mm to settle the swaps today.

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# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-09 Page 1 of 1

#### **REQUEST:**

Provide Atmos's Kentucky system's annual lost and unaccounted for gas percentage for each year since 2009 until 2018 to date.

#### **RESPONSE:**

Atmos Energy reports annual system L&U information within Part G of the Distribution Annual Report filing. In 2009 the L&U for KY was 3.45%. For 2017, L&U was reported at 1.61%. The 2018 percentage is not yet available due to the fact that the reporting period ends June 30. Also, as a reminder, L&U varies due to many factors other than number of leaks, including but not limited to system throughput and weather.

2009	2010	2011	2012	2013	2014	2015	2016	2017
3.45%	2.20%	0.94%	0.84%	2.32%	1.16%	2.15%	1.28%	1.61%

Respondent: Laura Gillham

# Case No. 2017-00349 Atmos Energy Corporation, Kentucky Division Staff Post-Hearing DR Set No. 1 Question No. 1-10 Page 1 of 1

#### **REQUEST:**

Provide Mr. Vander Weide's updated Return on Equity ("ROE") based upon the most current information available, with supporting documentation of the same, and a detailed explanation of the change in proposed ROE.

#### **RESPONSE:**

In his direct testimony, Dr. Vander Weide estimated Atmos Energy's cost of equity by applying standard cost of equity methods, including the DCF, the ex ante risk premium method, the ex post risk premium method, and the CAPM to market data for proxy groups of publicly-traded natural gas utilities. Dr. Vander Weide provides a complete description of these methods and his application of these methods in his direct testimony. Dr. Vander Weide updated his cost of equity studies using market data through January 2018 in his rebuttal testimony, implementing his analyses in the same manner as those presented in his direct testimony. Using the same methods as those presented in his direct and rebuttal testimonies, Dr. Vander Weide updated his cost of equity studies using market data through February 2018. The average result of Dr. Vander Weide's cost of equity studies is 10.6 percent (see Table 1 below), an average result which is 30 basis points higher than the average result Dr. Vander Weide obtained from the studies he presented in his direct testimony and 20 basis points higher than the average result he obtained in the results presented in his rebuttal testimony. The schedules supporting this analysis are attached.

Table 1
Cost of Equity Model Results Using Market Data through February 2018

Method	Model Result
DCF	9.5%
Ex Ante Risk Premium	11.1%
Ex Post Risk Premium	10.6%
CAPM - Historical	10.0%
CAPM - DCF-based	11.5%
Average	10.6%

Dr. Vander Weide is not aware of any change in the Company's proposed ROE in this proceeding. If direct testimony were being filed at this time, based on these updated studies, Dr. Vander Weide would recommend a return on equity equal to 10.6 percent.

#### **ATTACHMENT:**

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing\_1-10\_Att1 - Vander Weide Support.docx, 25 Pages.

Respondent: James Vander Weide

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Schedule 1	Summary of Discounted Cash Flow Analysis for Natural Gas Distribution Utilities
Schedule 2	Comparison of the DCF Expected Return on an Investment in Natural Gas Utilities to the Interest Rate on Moody's A-Rated Utility Bonds
Schedule 3	Comparative Returns on S&P 500 Stock Index and Moody's A-Rated Bonds 1937—2018
Schedule 4	Comparative Returns on S&P Utility Stock Index and Moody's A-Rated Bonds 1937—2018
Schedule 5	Using the Arithmetic Mean to Estimate the Cost of Equity Capital
Schedule 6	Calculation of Capital Asset Pricing Model Cost of Equity Using the Ibbotson® SBBI® 6.9 Percent Risk Premium
Schedule 7	Comparison of Risk Premiums on S&P500 and S&P Utilities 1937 $-2018$
Schedule 8	Calculation of Capital Asset Pricing Model Cost of Equity Using DCF Estimate of the Expected Rate of Return on the Market Portfolio

#### **SCHEDULE 1** SUMMARY OF DISCOUNTED CASH FLOW ANALYSIS FOR NATURAL GAS DISTRIBUTION UTILITIES

	COMPANY	MOST RECENT QUARTERLY DIVIDEND (d <sub>0</sub> )	STOCK PRICE (P <sub>0</sub> )	FORECAST OF FUTURE EARNINGS GROWTH	MARKET CAP \$ (MIL)	DCF MODEL RESULT
1	Atmos Energy	0.485	83.873	7.3%	9,205	9.9%
2	Chesapeake Utilities	0.325	74.833	6.0%	1,120	8.0%
3	New Jersey Resources	0.273	39.792	6.0%	3,438	9.1%
4	NiSource Inc.	0.195	24.830	8.7%	7,922	12.2%
5	Northwest Nat. Gas	0.473	58.717	4.0%	1,617	7.6%
6	ONE Gas Inc.	0.460	71.188	6.0%	3,566	8.8%
7	South Jersey Inds.	0.280	30.205	6.0%	2,160	10.2%
8	UGI Corp.	0.250	46.693	6.2%	7,561	8.6%
9	Average			6.3%	0.15%	9.3%
10	Market-weighted Average					9.8%
11	Average, simple, market-weighted					9.5%

Notes:

do

Most recent quarterly dividend.

d1,d2,d3,d4

Next four quarterly dividends, calculated by multiplying the last four quarterly dividends per Value Line

and Yahoo Finance, by the factor (1 + g).

 $P_0$ 

Average of the monthly high and low stock prices during the three months ending February 2018 per

Thomson Reuters.

FC

Flotation costs expressed as a percent of gross proceeds.

g k

Average of I/B/E/S and Value Line forecasts of future earnings growth February 2018. Cost of equity using the quarterly version of the DCF model shown by the formula below:

 $k = \frac{d_1(1+k)^{.75} + d_2(1+k)^{.50} + d_3(1+k)^{.25} + d_4}{P_0(1-FC)} + g$ 

### SCHEDULE 2 COMPARISON OF DCF EXPECTED RETURN ON AN EQUITY INVESTMENT IN NATURAL GAS DISTRIBUTION UTILITIES TO THE INTEREST RATE ON A-RATED UTILITY BONDS

In this analysis, I compute a natural gas utility equity risk premium by comparing the DCF estimated cost of equity for a natural gas utility proxy group to the interest rate on A-rated utility bonds. For each month in my June 1998 through February 2018 study period:

DCF

Average DCF-estimated cost of equity on a portfolio of proxy companies;

Bond Yield =

Yield to maturity on an investment in A-rated utility bonds; and

Risk Premium

DCF – Bond yield.

A more detailed description of my ex ante risk premium method is contained in Appendix 4.

LINE	DATE	DCF	BOND YIELD	RISK PREMIUM
1	Jun-98	0.1154	0.0703	0.0451
2	Jul-98	0.1186	0.0703	0.0483
3	Aug-98	0.1234	0.0700	0.0534
4	Sep-98	0.1273	0.0693	0.0580
5	Oct-98	0.1260	0.0696	0.0564
6	Nov-98	0.1211	0.0703	0.0508
7	Dec-98	0.1185	0.0691	0.0494
8	Jan-99	0.1195	0.0697	0.0498
9	Feb-99	0.1243	0,0709	0.0534
10	Mar-99	0.1257	0.0726	0.0531
11	Apr-99	0.1260	0,0722	0.0538
12	May-99	0.1221	0.0747	0.0474
13	Jun-99	0.1208	0,0774	0.0434
14	Jul-99	0.1222	0.0771	0.0451
15	Aug-99	0.1220	0.0791	0.0429
16	Sep-99	0.1226	0.0793	0.0433
17	Oct-99	0.1233	0.0806	0.0427
18	Nov-99	0.1240	0.0794	0.0446
19	Dec-99	0.1280	0.0814	0.0466
20	Jan-00	0.1301	0.0835	0,0466
21	Feb-00	0.1344	0.0825	0.0519
22	Mar-00	0.1344	0,0828	0.0516
23	Apr-00	0.1316	0.0829	0.0487
24	May-00	0.1292	0.0870	0.0422
25	Jun-00	0.1295	0,0836	0.0459
26	Jul-00	0.1317	0.0825	0.0492
27	Aug-00	0.1290	0.0813	0.0477
28	Sep-00	0.1257	0,0823	0.0434
29	Oct-00	0.1260	0.0814	0.0446
30	Nov-00	0.1251	0,0811	0.0440
31	Dec-00	0.1239	0.0784	0,0455
32	Jan-01	0.1261	0.0780	0.0481
33	Feb-01	0.1261	0.0774	0.0487
34	Mar-01	0.1275	0.0768	0.0507

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V 13.15		D. G.D.	BOND	RISK
LINE	DATE	DCF	YIELD	PREMIUM
35	Apr-01	0.1227	0.0794	0.0433
36	May-01	0.1302	0.0799	0.0503
37	Jun-01	0.1304	0.0785	0.0519
38	Jul-01	0.1338	0.0778	0.0560
39	Aug-01	0.1327	0,0759	0.0568
40	Sep-01	0,1268	0.0775	0.0493
41	Oct-01	0.1268	0,0763	0.0505
42	Nov-01	0.1268	0.0757	0.0511
43	Dec-01	0.1254	0.0783	0.0471
44	Jan-02	0.1236	0,0766	0.0470
45	Feb-02	0.1241	0.0754	0.0487
46	Mar-02	0.1189	0.0776	0.0413
47	Apr-02	0.1159	0.0757	0.0402
48	May-02	0.1162	0.0752	0.0410
49	Jun-02	0.1170	0.0741	0.0429
50	Jul-02	0.1242	0.0731	0.0511
51	Aug-02	0.1234	0.0717	0.0517
52	Sep-02	0.1260	0,0708	0.0552
53	Oct-02	0.1250	0.0723	0.0527
54	Nov-02	0.1221	0.0714	0.0507
55	Dec-02	0.1216	0.0707	0.0509
56	Jan-03	0.1219	0.0706	0.0513
57	Feb-03	0.1232	0.0693	0.0539
58	Mar-03	0.1195	0.0679	0.0516
59	Apr-03	0.1162	0.0664	0.0498
60	May-03	0.1126	0.0636	0.0490
61	Jun-03	0.1114	0.0621	0.0493
62	Jul-03	0.1127	0.0657	0.0470
63	Aug-03	0.1139	0.0678	0.0461
64	Sep-03	0.1127	0.0656	0.0471
65	Oct-03	0.1123	0.0643	0.0480
66	Nov-03	0.1089	0.0637	0.0452
67	Dec-03	0.1071	0.0627	0.0444
68	Jan-04	0.1059	0.0615	0.0444
69	Feb-04	0.1039	0.0615	0.0424
70	Mar-04	0.1037	0.0597	0.0440
71	Apr-04	0.1041	0.0635	0.0406
72	May-04	0.1045	0.0662	0.0383
73	Jun-04	0.1036	0.0646	0.0390
74	Jul-04	0.1011	0.0627	0.0384
75	Aug-04	0.1008	0.0614	0.0394
76	Sep-04	0.0976	0.0598	0.0378
77	Oct-04	0.0974	0.0594	0.0380
78	Nov-04	0.0962	0.0597	0,0365
79	Dec-04	0.0970	0.0592	0.0378
80	Jan-05	0.0990	0.0578	0.0412
81	Feb-05	0,0979	0,0561	0.0418
82	Mar-05	0.0979	0.0583	0.0396
83	Apr-05	0.0988	0.0564	0.0424
84	May-05	0.0981	0,0553	0,0427

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			BOND	RISK
LINE	DATE	DCF	YIELD	PREMIUM
85	Jun-05	0.0976	0.0540	0.0436
86	Jul-05	0.0966	0.0551	0.0415
87	Aug-05	0.0969	0.0550	0.0419
88	Sep-05	0.0980	0.0552	0.0428
89	Oct-05	0.0990	0.0579	0.0411
90	Nov-05	0.1049	0.0588	0.0461
91	Dec-05	0.1045	0.0580	0.0465
92	Jan-06	0.0982	0,0575	0.0407
93	Feb-06	0.1124	0.0582	0.0542
94	Mar-06	0.1127	0,0598	0.0529
95	Apr-06	0.1100	0.0629	0.0471
96	May-06	0.1056	0.0642	0.0414
97	Jun-06	0.1049	0,0640	0,0409
98	Jul-06	0.1087	0.0637	0.0450
99	Aug-06	0.1041	0.0620	0.0421
100	Sep-06	0.1053	0.0600	0.0453
101	Oct-06	0.1030	0.0598	0.0432
102	Nov-06	0.1033	0.0580	0.0453
103	Dec-06	0.1035	0.0581	0.0454
104	Jan-07	0.1013	0.0596	0.0417
105	Feb-07	0.1018	0.0590	0.0428
106	Mar-07	0.1018	0.0585	0.0433
107	Apr-07	0.1007	0.0597	0.0410
108	May-07	0.0967	0.0599	0.0368
109	Jun-07	0.0970	0,0630	0.0340
110	Jul-07	0.1006	0.0625	0.0381
111	Aug-07	0.1021	0.0624	0.0397
112	Sep-07	0.1014	0,0618	0.0396
113	Oct-07	0.1080	0.0611	0.0469
114	Nov-07	0.1083	0.0597	0.0486
115	Dec-07	0.1084	0.0616	0.0468
116	Jan-08	0.1113	0.0602	0.0511
117	Feb-08	0.1139	0,0621	0.0518
118	Mar-08	0.1147	0.0621	0.0526
119	Apr-08	0.1167	0.0629	0.0538
120	May-08	0,1069	0.0627	0.0442
121	Jun-08	0.1062	0.0638	0.0424
122	Jul-08	0.1086	0.0640	0.0446
123	Aug-08	0,1123	0.0637	0.0486
124	Sep-08	0.1130	0.0649	0.0481
125	Oct-08	0.1213	0.0756	0,0457
126	Nov-08	0.1221	0.0760	0.0461
127	Dec-08	0.1162	0,0654	0.0508
128	Jan-09	0.1131	0.0639	0.0492
129	Feb-09	0,1155	0.0630	0.0524
130	Mar-09	0.1198	0.0642	0.0556
131	Apr-09	0.1146	0,0648	0.0498
132	May-09	0,1225	0.0649	0.0576
133	Jun-09	0.1208	0.0620	0.0588
134	Jul-09	0.1145	0.0597	0.0548

LINE	DATE	DCF	BOND YŒLD	RISK PREMIUM
135	Aug-09	0.1109	0.0571	0.0538
136	Sep-09	0.1109	0.0553	0.0556
137	Oct-09	0.1146	0.0555	0.0592
138	Nov-09	0.1148	0.0564	0.0584
139	Dec-09	0.1123	0.0579	0.0544
140	Jan-10	0.1198	0.0577	0.0621
141	Feb-10	0.1167	0.0587	0.0580
142	Mar-10	0.1074	0.0584	0.0490
143	Apr-10	0.0934	0.0582	0.0352
144	May-10	0.0970	0.0552	0.0418
145	Jun-10	0.0953	0.0546	0,0407
146	Jul-10	0.1050	0.0526	0.0524
147	Aug-10	0.1038	0.0501	0.0537
148	Sep-10	0.1034	0.0501	0.0533
149	Oct-10	0.1050	0.0510	0.0540
150	Nov-10	0.1041	0.0536	0.0505
151	Dec-10	0.1029	0.0557	0.0472
152	Jan-11	0.1019	0,0557	0.0462
153	Feb-11	0,1004	0.0568	0.0436
154	Mar-11	0.1014	0.0556	0.0458
155	Apr-11	0.1031	0.0555	0.0476
156	May-11	0.1018	0.0532	0.0486
157	Jun-11	0.1020	0,0526	0.0494
158	Jul-11	0.1035	0.0527	0.0508
159	Aug-11	0.1179	0.0469	0.0710
160	Sep-11	0.1155	0,0448	0.0707
161	Oct-11	0.1150	0.0452	0.0698
162	Nov-11	0.1120	0,0425	0.0695
163	Dec-11	0.1092	0.0435	0.0657
164	Jan-12	0.1078	0.0434	0.0644
165	Feb-12	0.1081	0.0436	0.0645
166	Mar-12	0.1081	0.0448	0.0633
167	Apr-12	0.1133	0.0440	0.0693
168	May-12	0.1203	0.0420	0.0783
169	Jun-12	0.1013	0.0408	0.0605
170	Jul-12	0.0978	0.0393	0.0585
171	Aug-12	0.1025	0.0400	0.0625
172	Sep-12	0.1040	0,0402	0.0638
173	Oct-12	0,1011	0.0391	0.0620
174	Nov-12	0.1032	0.0384	0.0648
175	Dec-12	0.1023	0.0400	0.0623
176	Jan-13	0.1013	0.0415	0.0598
177	Feb-13	0.0982	0.0418	0.0564
178	Mar-13	0.1018	0.0420	0.0598
179	Apr-13	0.1001	0.0400	0.0601
180	May-13	0.1000	0.0417	0.0583
181	Jun-13	0.1000	0.0453	0.0547
182	Jul-13	0.0983	0.0468	0.0515
183	Aug-13	0.0982	0.0473	0.0509
184	Sep-13	0.0991	0.0480	0.0511

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LINE	DATE	DCF	BOND	RISK
		0.0000	YIELD	PREMIUM
185	Oct-13	0.0998	0.0470	0.0528
186	Nov-13	0.0964	0.0477	0.0487
187	Dec-13	0.0966	0,0481	0.0485
188	Jan-14	0.0948	0.0463	0.0485
189	Feb-14	0.1019	0.0453	0.0566
190	Mar-14	0.1027	0.0451	0.0576
191	Apr-14	0.1081	0.0441	0,0640
192	May-14	0.1069	0.0426	0.0643
193	Jun-14	0.1059	0.0429	0.0630
194	Jul-14	0.1075	0.0423	0.0652
195	Aug-14	0.1069	0.0413	0.0656
196	Sep-14	0.1058	0.0424	0,0634
197	Oct-14	0.1131	0,0406	0.0725
198	Nov-14	0.1113	0.0409	0.0704
199	Dec-14	0.1105	0.0395	0.0710
200	Jan-15	0,1043	0.0358	0.0685
201	Feb-15	0.1043	0.0367	0,0676
202	Mar-15	0.1062	0.0374	0.0688
203	Apr-15	0.1072	0.0375	0.0697
204	May-15	0.1067	0.0417	0.0650
205	Jun-15	0.1020	0.0439	0.0581
206	Jul-15	0.0974	0.0440	0.0534
207	Aug-15	0.0949	0.0425	0.0524
208	Sep-15	0.0975	0.0439	0.0536
209	Oct-15	0.0961	0.0429	0.0532
210	Nov-15	0.1007	0.0440	0.0567
211	Dec-15	0.1027	0.0435	0.0592
212	Jan-16	0.1017	0.0427	0.0590
213	Feb-16	0.1002	0.0411	0.0591
214	Mar-16	0.0973	0.0416	0.0557
215	Apr-16	0.0974	0.0400	0.0574
216	May-16	0.0944	0.0393	0.0551
217	Jun-16	0.0963	0.0378	0.0585
218	Jul-16	0.0952	0.0357	0.0595
219	Aug-16	0.0971	0.0359	0.0612
220	Sep-16	0.0978	0.0366	0.0612
221	Oct-16	0.0990	0.0377	0.0613
222	Nov-16	0.1041	0,0408	0.0633
223	Dec-16	0.1032	0.0427	0,0605
224	Jan-17	0.1021	0.0414	0.0607
225	Feb-17	0.0991	0.0418	0.0573
226	Mar-17	0.0983	0.0423	0,0560
227	Apr-17	0.0975	0.0412	0.0563
228	May-17	0.0984	0.0412	0.0572
229	Jun-17	0.0968	0.0394	0.0574
230	Jul-17	0.0975	0.0399	0.0576
231	Aug-17	0.0955	0,0386	0.0569
232	Sep-17	0.0957	0.0387	0.0570
233	Oct-17	0.0975	0.0391	0.0584
234	Nov-17	0.0975	0.0391	0.0592
L 234	1404-17	0.0713	V,V,203	V.0332

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LINE	DATE	DCF	BOND YIELD	RISK PREMIUM
235	Dec-17	0.0915	0.0379	0.0536
236	Jan-18	0.0938	0.0386	0.0552
237	Feb-18	0.0994	0.0409	0.0585

Notes: A-rated utility bond yield information from the Mergent Bond Record. DCF results are calculated using a quarterly DCF model as follows:

D<sub>0</sub> = Latest quarterly dividend per *Value Line* and Yahoo Finance.

P<sub>0</sub> = Average of the monthly high and low stock prices for each month from Thomson Reuters.

FC = Flotation costs expressed as a percent of gross proceeds.

g = I/B/E/S forecast of future earnings growth for each month.

Cost of equity using the questody provides of the DCE model shown by the

= Cost of equity using the quarterly version of the DCF model shown by the formula below:

$$k = \left[ \frac{d_0(1+g)^{\frac{1}{4}}}{P_0(1-FC)} + (1+g)^{\frac{1}{4}} \right]^4 - 1$$

My estimate of the ex ante risk premium on an investment in my proxy natural gas utility group as compared to an investment in A-rated utility bonds is given by the equation:

$$RP_{PROXY} = 8.61 - .598 \times I_A.$$
 (14,94) (-6.316) <sup>1</sup>

Using the forecast 5.9 percent yield to maturity on A-rated utility bonds, the regression equation produces an ex ante risk premium based on the proxy group equal to 5.1 percent  $(8.61 - .60 \times 5.9 = 5.1)$ . Adding an estimated risk premium of 5.1 percent to the 5.9 percent forecasted yield to maturity on A-rated utility bonds produces a cost of equity estimate of 11.0 percent for the electric company proxy group using the ex ante risk premium method.

1	Constant coefficient	8.61%
2	Bond coefficient	(0.598)
3	Forecast bond yield =	6.1%
4	Bond coefficient x Bond yield =	(0.036)
5	Ex Ante Risk Premium	4.96%
6	Forecast bond yield =	6.1%
7	Ex Ante Risk Premium Cost of Equity =	11.1%

Forecast utility bond yield from Value Line and EIA. Value Line Selection & Opinion (March 2, 2018) projects a AAA-rated Corporate bond yield equal to 5.7 percent. The average spread between A-rated utility bonds and Aaa-rated Corporate bonds is 27 basis points (A-rated utility, 4.09 percent, less Aaa-rated Corporate, 3.82 percent, equals 27 basis points). Adding 27 basis points to the 5.7 percent Value Line Aaa Corporate bond forecast equals a forecast yield of 6.0 percent for the A-rated utility bonds. The EIA forecasts an AA-rated utility bond yield equal to 6.11 percent. The average spread between AA-rated utility and A-rated utility bonds is 18 basis points (4.09 percent less 3.91 percent). Adding 18 basis points to EIA's 6.11 percent AA-utility bond yield forecast equals a forecast yield for A-rated utility bonds equal to 6.3 percent. The average of the forecasts (6.0 percent using Value Line data and 6.3 percent using EIA data) is 6.1 percent.

The t-statistics are shown in parentheses.

### SCHEDULE 3 COMPARATIVE RETURNS ON S&P 500 STOCK INDEX AND MOODY'S A-RATED BONDS 1937 to 2018

LINE	YEAR	S&P 500 STOCK	STOCK DIVIDEND	STOCK	A- RATED	BOND	RISK
LINE	TEAK	PRICE	YELD	RETURN	BOND PRICE	RETURN	PREMIUM
1	2018	2,789.80	0.0198		\$102.46		
2	2017	2,275.12	0.0209	24.71%	\$96.13	10.75%	13.97%
3	2016	1,918.60	0.0222	20.80%	\$95.48	4.87%	15.93%
4	2015	2,028.18	0.0208	-3.32%	\$107.65	-7.59%	4.26%
5	2014	1,822.36	0.0210	13.39%	\$89.89	24.20%	-10.81%
6	2013	1,481.11	0.0220	25.24%	\$97.45	-3,65%	28.89%
7	2012	1,300.58	0.0214	16.02%	\$94.36	7.52%	8.50%
8	2011	1,282.62	0.0185	3.25%	\$77.36	27.14%	-23.89%
9	2010	1,123.58	0.0203	16.18%	\$75.02	8.44%	7.74%
10	2009	865.58	0.0310	32.91%	\$68.43	15.48%	17.43%
11	2008	1,378.76	0.0206	-35.16%	\$72.25	0.24%	-35.40%
12	2007	1,424.16	0.0181	-1.38%	\$72.91	4.59%	-5.97%
13	2006	1,278.72	0.0183	13.20%	\$75.25	2.20%	11.01%
14	2005	1,181.41	0.0177	10.01%	\$74.91	5.80%	4.21%
15	2004	1,132.52	0.0162	5.94%	\$70.87	11.34%	-5.40%
16	2003	895.84	0.0180	28.22%	\$62.26	20.27%	7.95%
17	2002	1,140.21	0.0138	-20.05%	\$57.44	15.35%	-35.40%
18	2001	1,335.63	0,0116	-13.47%	\$56.40	8,93%	-22.40%
19	2000	1,425.59	0.0118	-5.13%	\$52.60	14.82%	-19.95%
20	1999	1,248.77	0,0130	15.46%	\$63,03	-10.20%	25.66%
21	1998	963.35	0.0162	31.25%	\$62.43	7.38%	23.87%
22	1997	766,22	0.0195	27.68%	\$56.62	17.32%	10.36%
23	1996	614.42	0.0231	27.02%	\$60.91	-0.48%	27.49%
24	1995	465.25	0.0287	34.93%	\$50.22	29.26%	5.68%
25	1994	472.99	0.0269	1.05%	\$60.01	-9.65%	10.71%
26	1993	435.23	0.0288	11.56%	\$53.13	20.48%	-8.93%
27	1992	416.08	0.0290	7.50%	\$49,56	15.27%	-7.77%
28	1991	325.49	0.0382	31.65%	\$44.84	19.44%	12,21%
29	1990	339.97	0.0341	-0.85%	\$45.60	7.11%	-7.96%
30	1989	285.41	0.0364	22.76%	\$43.06	15.18%	7.58%
31	1988	250,48	0.0366	17.61%	\$40.10	17.36%	0.25%
32	1987	264.51	0.0317	-2.13%	\$48.92	-9.84%	7.71%
33	1986	208.19	0.0390	30.95%	\$39,98	32.36%	-1.41%
34	1985	171.61	0.0451	25.83%	\$32.57	35.05%	-9.22%
35	1984	166.39	0.0427	7.41%	\$31,49	16.12%	-8.72%
36	1983	144.27	0.0479	20.12%	\$29.41	20.65%	-0.53%
37	1982	117.28	0.0595	28.96%	\$24.48	36.48%	-7.51%

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LINE	YEAR	S&P 500 STOCK	STOCK DIVIDEND	STOCK RETURN	A- RATED BOND	BOND RETURN	RISK PREMIUM
		PRICE	YIELD		PRICE		
38	1981	132.97	0.0480	-7.00%	\$29,37	-3.01%	-3.99%
39	1980	110.87	0.0541	25.34%	\$34.69	-3.81%	29.16%
40	1979	99.71	0.0533	16.52%	\$43.91	-11.89%	28.41%
41	1978	90.25	0.0532	15.80%	\$49.09	-2.40%	18.20%
42	1977	103.80	0.0399	-9.06%	\$50.95	4.20%	-13.27%
43	1976	96.86	0.0380	10.96%	\$43.91	25.13%	-14.17%
44	1975	72.56	0.0507	38.56%	\$41.76	14.75%	23.81%
45	1974	96.11	0.0364	-20.86%	\$52.54	-12.91%	-7.96%
46	1973	118.40	0.0269	-16.14%	\$58.51	-3.37%	-12.77%
47	1972	103.30	0.0296	17.58%	\$56.47	10.69%	6.89%
48	1971	93.49	0.0332	13.81%	\$53.93	12.13%	1.69%
49	1970	90.31	0.0356	7.08%	\$50,46	14.81%	-7.73%
50	1969	102.00	0.0306	-8.40%	\$62.43	-12.76%	4.36%
51	1968	95.04	0.0313	10.45%	\$66.97	-0.81%	11.26%
52	1967	84.45	0.0351	16.05%	\$78.69	-9.81%	25.86%
53	1966	93.32	0.0302	-6.48%	\$86.57	-4.48%	-2.00%
54	1965	86.12	0.0299	11.35%	\$91.40	-0.91%	12,26%
55	1964	76.45	0.0305	15.70%	\$92.01	3.68%	12.02%
56	1963	65,06	0.0331	20.82%	\$93.56	2.61%	18.20%
57	1962	69.07	0.0297	-2.84%	\$89.60	8.89%	-11.73%
58	1961	59.72	0.0328	18.94%	\$89.74	4.29%	14.64%
59	1960	58.03	0.0327	6.18%	\$84.36	11.13%	-4.95%
60	1959	55.62	0.0324	7.57%	\$91.55	-3.49%	11.06%
61	1958	41.12	0.0448	39.74%	\$101.22	-5.60%	45.35%
62	1957	45.43	0.0431	-5.18%	\$100.70	4.49%	-9.67%
63	1956	44.15	0.0424	7.14%	\$113.00	-7.35%	14.49%
64	1955	35.60	0.0438	28.40%	\$116,77	0.20%	28.20%
65	1954	25,46	0.0569	45.52%	\$112.79	7.07%	38.45%
66	1953	26.18	0.0545	2.70%	\$114.24	2,24%	0.46%
67	1952	24.19	0.0582	14.05%	\$113.41	4.26%	9.79%
68	1951	21.21	0.0634	20.39%	\$123.44	-4.89%	25.28%
69	1950	16,88	0.0665	32,30%	\$125.08	1.89%	30.41%
70	1949	15.36	0.0620	16.10%	\$119.82	7.72%	8.37%
71	1948	14.83	0.0571	9.28%	\$118.50	4.49%	4.79%
72	1947	15.21	0.0449	1.99%	\$126,02	-2.79%	4.79%
73	1946	18.02	0.0356	-12.03%	\$126.74	2.59%	-14.63%
74	1945	13.49	0,0460	38.18%	\$119.82	9.11%	29.07%
75	1944	11.85	0.0495	18.79%	\$119.82	3.34%	15.45%
76	1943	10.09	0.0554	22.98%	\$118.50	4.49%	18.49%
77	1942	8.93	0.0788	20.87%	\$117.63	4.14%	16.73%

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LINE	YEAR	S&P 500 STOCK PRICE	STOCK DIVIDEND YIELD	STOCK RETURN	A- RATED BOND PRICE	BOND RETURN	RISK PREMIUM
78	1941	10,55	0.0638	-8.98%	\$116.34	4,55%	-13.52%
79	1940	12.30	0.0458	-9.65%	\$112.39	7.08%	-16.73%
80	1939	12.50	0.0349	1.89%	\$105.75	10.05%	-8.16%
81	1938	11.31	0.0784	18.36%	\$99.83	9.94%	8.42%
82	1937	17.59	0.0434	-31.36%	\$103.18	0.63%	-31.99%
83	Average			11.4%	·	6.7%	4.7%

Note: See Appendix 5 for an explanation of how stock and bond returns are derived and the source of the data presented.

## ATMOS ENERGY EXHIBIT\_(JVW-1) SCHEDULE 4 COMPARATIVE RETURNS ON S&P UTILITY STOCK INDEX AND MOODY'S A-RATED BONDS 1937 to 2018

LINE	YEAR	S&P UTILITY STOCK PRICE	STOCK DIVIDEND YIELD	STOCK RETURN	A- RATED BOND PRICE	BOND RETURN	RISK PREMIUM
1	2018				\$102.46		
2	2017			11.72%	\$96.13	10.75%	0.97%
3	2016			17.44%	\$95.48	4.87%	12.57%
4	2015			-3.90%	\$107.65	-7.59%	3,69%
5	2014			28.91%	\$89.89	24.20%	4.71%
6	2013			13.01%	\$97.45	-3.65%	16.66%
7	2012			2.09%	\$94.36	7.52%	-5.43%
8	2011			19.99%	\$77.36	27.14%	-7.15%
9	2010			7.04%	\$75.02	8.44%	-1.40%
10	2009			10.71%	\$68.43	15.48%	-4.77%
11	2008			-25.90%	\$72.25	0.24%	-26.14%
12	2007			16.56%	\$72.91	4.59%	11.96%
13	2006			20.76%	\$75,25	2,20%	18.56%
14	2005			16,05%	\$74.91	5,80%	10.25%
16	2003			23.48%	\$62.26	20,27%	3,21%
17	2002	243.79	0.0362		\$57.44		
18	2001	307.70	0.0287	-17.90%	\$56.40	8.93%	-26.83%
19	2000	239,17	0.0413	32.78%	\$52.60	14.82%	17.96%
20	1999	253.52	0.0394	-1.72%	\$63.03	-10.20%	8.48%
21	1998	228,61	0.0457	15.47%	\$62.43	7.38%	8.09%
22	1997	201.14	0.0492	18.58%	\$56.62	17.32%	1.26%
23	1996	202.57	0.0454	3.83%	\$60.91	-0.48%	4.31%
24	1995	153.87	0.0584	37.49%	\$50.22	29.26%	8.23%
25	1994	168.70	0.0496	-3.83%	\$60.01	-9.65%	5.82%
26	1993	159.79	0,0537	10.95%	\$53,13	20.48%	-9.54%
27	1992	149.70	0.0572	12.46%	\$49.56	15.27%	-2.81%
28	1991	138.38	0.0607	14.25%	\$44.84	19.44%	-5.19%
29	1990	146.04	0.0558	0.33%	\$45.60	7.11%	-6.78%
30	1989	114.37	0.0699	34.68%	\$43.06	15.18%	19.51%
31	1988	106.13	0.0704	14.80%	\$40.10	17.36%	-2.55%
32	1987	120.09	0.0588	-5.74%	\$48.92	-9.84%	4.10%
33	1986	92.06	0.0742	37.87%	\$39.98	32.36%	5.51%
34	1985	75.83	0.0860	30.00%	\$32.57	35.05%	-5.04%
35	1984	68.50	0.0925	19.95%	\$31.49	16.12%	3.83%
36	1983	61.89	0.0948	20.16%	\$29.41	20.65%	-0.49%
37	1982	51.81	0,1074	30.20%	\$24.48	36.48%	-6.28%
38	1981	52.01	0.0978	9,40%	\$29.37	-3.01%	12.41%
39	1980	50.26	0.0953	13.01%	\$34.69	-3.81%	16.83%
40	1979	50.33	0.0893	8.79%	\$43.91	-11.89%	20.68%

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LINE	YEAR	S&P UTILITY STOCK	STOCK DIVIDEND YIELD	STOCK RETURN	A- RATED BOND	BOND RETURN	RISK PREMIUM
		PRICE			PRICE		
41	1978	52.40	0.0791	3.96%	\$49.09	-2.40%	6.36%
42	1977	54.01	0.0714	4.16%	\$50.95	4.20%	-0.04%
43	1976	46,99	0.0776	22.70%	\$43.91	25.13%	-2.43%
44	1975	38.19	0,0920	32,24%	\$41.76	14.75%	17.49%
45	1974	48.60	0.0713	-14.29%	\$52.54	-12.91%	-1.38%
46	1973	60,01	0.0556	-13.45%	\$58.51	-3.37%	-10.08%
47	1972	60.19	0.0542	5.12%	\$56.47	10.69%	-5.57%
48	1971	63,43	0.0504	-0.07%	\$53.93	12.13%	-12.19%
49	1970	55.72	0.0561	19.45%	\$50.46	14.81%	4.64%
50	1969	68.65	0,0445	-14.38%	\$62.43	-12.76%	-1.62%
51	1968	68.02	0.0435	5.28%	\$66.97	-0.81%	6.08%
52	1967	70.63	0.0392	0.22%	\$78.69	-9.81%	10.03%
53	1966	74.50	0.0347	-1.72%	\$86.57	-4.48%	2.76%
54	1965	75.87	0.0315	1.34%	\$91.40	-0.91%	2.25%
55	1964	67.26	0.0331	16.11%	\$92.01	3.68%	12.43%
56	1963	63.35	0.0330	9.47%	\$93.56	2.61%	6.86%
57	1962	62,69	0.0320	4.25%	\$89.60	8.89%	-4.64%
58	1961	52.73	0.0358	22.47%	\$89.74	4,29%	18,18%
59	1960	44.50	0.0403	22.52%	\$84.36	11.13%	11.39%
60	1959	43.96	0.0377	5.00%	\$91,55	-3.49%	8,49%
61	1958	33,30	0.0487	36.88%	\$101.22	-5.60%	42.48%
62	1957	32.32	0.0487	7.90%	\$100.70	4.49%	3,41%
63	1956	31.55	0.0472	7.16%	\$113.00	-7.35%	14.51%
64	1955	29.89	0.0461	10.16%	\$116.77	0.20%	9.97%
65	1954	25.51	0.0520	22.37%	\$112.79	7.07%	15.30%
66	1953	24.41	0.0511	9.62%	\$114.24	2.24%	7.38%
67	1952	22.22	0.0550	15.36%	\$113,41	4.26%	11,10%
68	1951	20.01	0.0606	17.10%	\$123.44	-4.89%	21.99%
69	1950	20.20	0.0554	4.60%	\$125.08	1.89%	2.71%
70	1949	16.54	0.0570	27.83%	\$119,82	7.72%	20.10%
71	1948	16.53	0.0535	5,41%	\$118.50	4,49%	0.92%
72	1947	19.21	0.0354	-10.41%	\$126.02	-2.79%	-7.62%
73	1946	21.34	0.0298	-7.00%	\$126.74	2,59%	-9.59%
74	1945	13.91	0.0448	57.89%	\$119.82	9.11%	48.79%
75	1944	12.10	0.0569	20.65%	\$119.82	3.34%	17.31%
76	1943	9.22	0.0621	37.45%	\$118.50	4,49%	32.96%
77	1942	8.54	0.0940	17.36%	\$117.63	4.14%	13.22%
78	1941	13.25	0.0717	-28.38%	\$116.34	4.55%	-32.92%
79	1940	16.97	0.0540	-16.52%	\$112.39	7.08%	-23.60%
80	1939	16.05	0,0553	11.26%	\$105.75	10.05%	1.21%
81	1938	14,30	0.0730	19.54%	\$99.83	9.94%	9.59%
82	1937	24.34	0.0432	-36.93%	\$103.18	0.63%	-37.55%
83	Average			10.6%		6.7%	4.0%

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See Appendix 5 for an explanation of how stock and bond returns are derived and the source of the data presented. Standard & Poor's discontinued its S&P Utilities Index in December 2001 and replaced its utilities stock index with separate indices for electric and natural gas utilities. In this study, the stock returns beginning in 2002 are based on the total returns for the EEI Index of U.S. shareholder-owned electric utilities, as reported by EEI on its website. http://www.eci.org/whatwedo/DataAnalysis/IndusFinanAnalysis/Pages/QtrlyFinancialUpdates.aspx

## ATMOS ENERGY EXHIBIT\_(JVW-1) SCHEDULE 5 USING THE ARITHMETIC MEAN TO ESTIMATE THE COST OF EQUITY CAPITAL

Consider an investment that in a given year generates a return of 30 percent with probability equal to .5 and a return of -10 percent with a probability equal to .5. For each one dollar invested, the possible outcomes of this investment at the end of year one are:

ENDING WEALTH	PROBABILITY
\$1.30	0.50
\$0.90	0.50

At the end of year two, the possible outcomes are:

ENDING WEALTH			PROBABILITY	VALUE X PROBABILITY
(1.30) (1.30)	=	\$1.69	0.25	0.4225
(1.30) (.9)	=	\$1.17	0.50	0.5850
(.9) (.9)	=	\$0.81	0.25	0.2025
Expected Wealth	=			\$1.21

The expected value of this investment at the end of year two is \$1.21. In a competitive capital market, the cost of equity is equal to the expected rate of return on an investment. In the above example, the cost of equity is that rate of return which will make the initial investment of one dollar grow to the expected value of \$1.21 at the end of two years. Thus, the cost of equity is the solution to the equation:

$$1(1+k)^2 = 1.21$$
 or

$$k = (1.21/1)^{.5} - 1 = 10\%.$$

The arithmetic mean of this investment is:

$$(30\%)(.5) + (-10\%)(.5) = 10\%.$$

Thus, the arithmetic mean is equal to the cost of equity capital.

The geometric mean of this investment is:

$$[(1.3)(.9)]^{.5} - 1 = .082 = 8.2\%.$$

Thus, the geometric mean is not equal to the cost of equity capital.

The lesson is obvious: for an investment with an uncertain outcome, the arithmetic mean is the best measure of the cost of equity capital.

### SCHEDULE 6 CALCULATION OF CAPITAL ASSET PRICING MODEL COST OF EQUITY USING THE IBBOTSON® SBBI® 6.9 PERCENT RISK PREMIUM

LINE	COMPANY	VALUE LINE BETA	RISK-FREE RATE	MARKET RISK PREMIUM	BETA X RISK PREMIUM	CAPM COST OF EQUITY	MARKET CAP \$ (MIL)	SIZE PREMIUM	SIZE- ADJUSTED CAPM
1	Atmos Energy	0.70	4.1%	6.9%	4.9%	9.1%	9,205	1.02%	10.1%
2	Chesapeake Utilities	0.70	4.1%	6.9%	4.9%	9.1%	1,120	1.75%	10.9%
3	New Jersey Resources	0.75	4.1%	6.9%	5.2%	9.5%	3,438	1.02%	10.5%
4	NiSource Inc.	0.60	4.1%	6.9%	4.2%	8.4%	7,922	1.02%	9.4%
5	Northwest Nat. Gas	0.65	4.1%	6.9%	4.5%	8.8%	1,617	1.75%	10.5%
6	ONE Gas Inc.	0.70	4.1%	6.9%	4.9%	9.1%	3,566	1.02%	10.1%
7	South Jersey Inds.	0.80	4.1%	6.9%	5.6%	9.8%	2,160	1.75%	11.6%
8	Southwest Gas	0.75	4.1%	6.9%	5.2%	9.5%	3,316	1.02%	10.5%
9	Spire Inc.	0.65	4.1%	6.9%	4.5%	8.8%	3,200	1.02%	9.8%
10	UGI Corp.	0.90	4.1%	6.9%	6.2%	10.5%	7,561	1.02%	11.5%
11	Historical CAPM Result					9.2%			10.5%
1	CAPM Using 0.88 beta	0.88	4.1%	6.9%	6.1%	10.4%			

NOTES			
Estimates of Premiums for Compa	my Size		
Decile	Smallest Mkt. Cap. (\$Millions)	Largest Mkt. Cap. (\$Millions)	Premium
Large-Cap (No Adjustment)	10,712.000		0
Mid-Cap (3-5)	2,392.689	10,711.194	1.02%
 Low-Cap (6-8)	569.279	2,390.899	1.75%
Micro-Cap (9-10)	2.516	567.843	3.67%

RISK-FREE RATE		4.1%	FORECAST YIELD ON LONG-TERM U.S. TREASURY BONDS			
Market Risk Premiu	m	6.9%	Ibbotson			
Flotation - Natural C	as Utilities	0.15%				

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Estimates of size premia from 2017 Valuation Handbook, Guide to Cost of Capital, Market Results Through 2016, Duff & Phelps, John Wiley & Sons, Inc., Appendix 3. Ibbotson® SBBI® risk premium; Value Line beta for comparable companies from Value Line Investment Analyzer. Historical 0.88 beta determined from ratio of Utility stock returns to market returns over the period 1936 to 2018. Forecast bond yield from Value Line and EIA. Value Line forecasts a yield on 10-year Treasury notes equal to 3.6 percent. The spread between the average yield on 10-year Treasury notes (2.58 percent) and 20-year Treasury bonds (2.73 percent) is 15 basis points. Adding 15 basis points to Value Line's 3.6 percent forecasted yield on 10-year Treasury notes produces a forecasted yield of 3.75 percent for 20-year Treasury bonds (see Value Line Investment Survey, Selection & Opinion, Dec. 1, 2017). EIA (Annual Energy Outlook, release Feb. 6, 2018) forecasts a yield of 4.07 percent on 10-year Treasury notes. Adding the 15 basis point spread between 10-year Treasury notes and 20-year Treasury bonds to the EIA forecast of 4.07 percent for 10-year Treasury notes produces an EIA forecast for 20-year Treasury bonds equal to 4.22 percent. The average of the forecasts is 4.0 percent (3.75 percent using Value Line data and 4.22 percent using EIA data).

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YEAR	S&P UTILITIES STOCK RETURN	SP500 STOCK RETURN	10-YR, TREASURY BOND YIELD	UTILITIES RISK PREMIUM	MARKET RISK PREMIUM
2017	0.1172	0.2471	0.0233	0.0939	0.2238
2016	0.1744	0,2080	0.0184	0.1560	0.1896
2015	-0.0390	-0.0332	0.0214	-0.0604	-0.0546
2014	0.2891	0.1339	0.0254	0.2637	0.1085
2013	0.1301	0.2524	0.0235	0.1066	0,2289
2012	0.0209	0.1602	0.0180	0.0029	0.1422
2011	0.1999	0.0325	0.0278	0.1721	0.0047
2010	0.0704	0,1618	0.0322	0.0382	0.1296
2009	0.1071	0.3291	0.0326	0.0745	0.2965
2008	-0.2590	-0.3516	0.0367	-0.2957	-0.3883
2007	0,1656	-0.0138	0,0463	0.1193	-0.0601
2006	0.2076	0.1320	0.0479	0.1597	0.0841
2005	0.1605	0.1001	0.0429	0.1176	0.0572
2004	0.2284	0.0594	0.0427	0.1857	0.0167
2003	0.2348	0.2822	0.0401	0.1947	0.2421
2002	-0.1473	-0.2005	0.0461	-0.1934	-0.2466
2001	-0.1790	-0.1347	0.0502	-0.2292	-0.1849
2000	0.3278	-0.0513	0.0603	0.2675	-0.1116
1999	-0.0172	0.1546	0.0564	-0.0736	0.0982
1998	0.1547	0.3125	0,0526	0.1021	0.2599
1997	0.1858	0.2768	0.0635	0.1223	0,2133
1996	0.0383	0.2702	0.0644	-0.0261	0.2058
1995	0.3749	0.3493	0.0658	0.3091	0.2835
1994	-0.0383	0.0105	0.0708	-0.1091	-0,0603
1993	0,1095	0.1156	0.0587	0,0508	0.0569
1992	0.1246	0.0750	0.0701	0.0545	0.0049
1991	0,1425	0,3165	0.0786	0,0639	0.2379
1990	0.0033	-0.0085	0.0855	-0.0822	-0.0940
1989	0.3468	0.2276	0.0850	0,2618	0.1426
1988	0.1480	0.1761	0.0884	0.0596	0.0877
1987	-0.0574	-0.0213	0.0838	-0.1412	-0.1051
1986	0.3787	0.3095	0.0768	0.3019	0,2327
1985	0,3000	0,2583	0,1062	0.1938	0.1521
1984	0.1995	0.0741	0.1244	0.0751	-0,0503
1983	0,2016	0.2012	0.1110	0.0906	0.0902
1982	0.3020	0.2896	0.1300	0.1720	0.1596
1981	0.0940	-0.0700	0.1391	-0.0451	-0,2091

YEAR	S&P UTILITIES STOCK	SP500 STOCK RETURN	10-YR, TREASURY BOND	UTILITIES RISK PREMIUM	MARKET RISK PREMIUM
	RETURN	MALUM	YIELD	A ANDIVITURE	LINEWHOLVE
1980	0.1301	0.2534	0.1146	0.0155	0.1388
1979	0.0879	0.1652	0.0944	-0.0065	0.0708
1978	0.0396	0.1580	0.0841	-0.0445	0.0739
1977	0.0416	-0.0906	0.0742	-0.0326	-0.1648
1976	0.2270	0.1096	0.0761	0.1509	0.0335
1975	0.3224	0.3856	0.0799	0.2425	0.3057
1974	-0.1429	-0.2086	0.0756	-0,2185	-0.2842
1973	-0.1345	-0.1614	0.0684	-0.2029	-0.2298
1972	0.0512	0.1758	0.0621	-0.0109	0.1137
1971	-0.0007	0.1381	0.0616	-0.0623	0.0765
1970	0.1945	0.0708	0,0735	0.1210	-0,0027
1969	-0.1438	-0.0840	0.0667	-0,2105	-0.1507
1968	0.0528	0.1045	0.0565	-0.0037	0.0480
1967	0.0022	0,1605	0.0507	-0.0485	0.1098
1966	-0.0172	-0.0648	0.0492	-0.0664	-0.1140
1965	0.0134	0.1135	0.0428	-0.0294	0.0707
1964	0.1611	0.1570	0.0419	0.1192	0.1151
1963	0.0947	0.2082	0.0400	0.0547	0.1682
1962	0.0425	-0.0284	0.0395	0.0030	-0.0679
1961	0,2247	0.1894	0.0388	0.1859	0.1506
1960	0.2252	0.0618	0.0412	0.1840	0.0206
1959	0.0500	0.0757	0.0433	0.0067	0.0324
1958	0.3688	0.3974	0,0332	0.3356	0.3642
1957	0.0790	-0.0518	0.0365	0.0425	-0.0883
1956	0.0716	0.0714	0.0318	0.0398	0.0396
1955	0.1016	0.2840	0.0282	0.0734	0.2558
1954	0.2237	0,4552	0.0240	0.1997	0.4312
1953	0.0962	0.0270	0,0281	0.0681	-0.0011
1952	0,1536	0.1405	0.0248	0.1288	0.1157
1951	0.1710	0.2039	0.0241	0.1469	0.1798
1950	0,0460	0.3230	0.0205	0.0255	0.3025
1949	0.2783	0.1610	0.0193	0.2590	0.1417
1948	0,0541	0.0928	0.0215	0.0326	0.0713
1947	-0.1041	0.0199	0.0185	-0.1226	0.0014
1946	-0.0700	-0.1203	0.0174	-0.0874	-0.1377
1945	0.5789	0.3818	0.0173	0.5616	0.3645
1944	0.2065	0.1879	0.0209	0.1856	0.1670
1943	0.3745	0.2298	0.0207	0.3538	0.2091
1942	0.1736	0.2087	0.0211	0,1525	0,1876
1941	-0,2838	-0.0898	0.0199	-0.3037	-0.1097
1940	-0.1652	-0.0965	0.0220	-0.1872	-0.1185
1939	0.1126	0.0189	0.0235	0.0891	-0.0046

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YEAR	S&P UTILITIES STOCK RETURN	SP500 STOCK RETURN	10-YR. TREASURY BOND YIELD	UTILITIES RISK PREMIUM	MARKET RISK PREMIUM
1938	0.1954	0.1836	0.0255	0.1699	0.1581
1937	-0.3693	-0.3136	0,0269	-0.3962	-0,3405
Risk Premium 1937 to 2018				0.0552	0.0628
RP Utilities/RP SP500				0.88	

### SCHEDULE 8 CALCULATION OF CAPITAL ASSET PRICING MODEL COST OF EQUITY USING DCF ESTIMATE OF THE EXPECTED RATE OF RETURN ON THE MARKET PORTFOLIO

LINE	COMPANY	VALUE LINE BETA	RISK- FREE RATE	DCF S&P 500	MARKET RISK PREMIUM	BETA X RISK PREMIUM	CAPM COST OF EQUITY
1	Atmos Energy	0.70	4.1%	13.2%	9.1%	6.38%	10.6%
2	Chesapeake Utilities	0.70	4.1%	13.2%	9.1%	6.38%	10.6%
3	New Jersey Resources	0.75	4.1%	13.2%	9.1%	6.83%	11.1%
4	NiSource Inc.	0.60	4.1%	13.2%	9.1%	5.47%	9.7%
5	Northwest Nat. Gas	0.65	4.1%	13.2%	9.1%	5.92%	10.2%
6	ONE Gas Inc.	0.70	4.1%	13.2%	9.1%	6.38%	10.6%
7	South Jersey Inds.	0.80	4.1%	13.2%	9.1%	7.29%	11.5%
8	Southwest Gas	0.75	4.1%	13.2%	9.1%	6.83%	11.1%
9	Spire Inc.	0.65	4.1%	13.2%	9.1%	5.92%	10.2%
10	UGI Corp.	0.90	4.1%	13.2%	9.1%	8.20%	12.4%
11	DCF CAPM Result						10.8%
	Using Beta Equal to 0.88						
	Historical Utility Beta	0.88	4.1%	13.2%	9.1%	8.02%	12.3%

Value Line beta for comparable companies from Value Line Investment Analyzer. Forecast bond yield from Value Line and EIA. Value Line forecasts a yield on 10-year Treasury notes equal to 3.8 percent. The spread between the average yield on 10-year Treasury notes (2.86 percent) and 20-year Treasury bonds (3.02 percent) is 16 basis points. Adding 16 basis points to Value Line's 3.8 percent forecasted yield on 10-year Treasury notes produces a forecasted yield of 4 percent for 20-year Treasury bonds (see Value Line Investment Survey, Selection & Opinion, March 2, 2018). EIA forecasts a yield of 4.07 percent on 10-year Treasury notes. Adding the 16 basis point spread between 10-year Treasury notes and 20-year Treasury bonds to the EIA forecast of 4.07 percent for 10-year Treasury notes produces an EIA forecast for 20-year Treasury bonds equal to 4.2 percent. The average of the forecasts is 4.1 percent (4.0 percent using Value Line data and 4.2 percent using EIA data).

# SCHEDULE 8 (CONTINUED) CALCULATION OF CAPITAL ASSET PRICING MODEL COST OF EQUITY USING DCF ESTIMATE OF THE EXPECTED RATE OF RETURN ON THE MARKET PORTFOLIO SUMMARY OF DISCOUNTED CASH FLOW ANALYSIS FOR S&P 500 COMPANIES

	COMPANY	STOCK PRICE (P <sub>0</sub> )	$D_0$	FORECAST OF FUTURE EARNINGS GROWTH	MODEL RESULT	MARKET CAP \$ (MILS)
1	ABBOTT LABORATORIES	58.77	1.12	11.76%	13.9%	105,077
2	ACCENTURE CLASS A	155.66	2.66	10.07%	12.0%	100,307
3	AETNA	183,13	2.00	10.33%	11.5%	58,363
4	AGILENT TECHS.	69.66	0.60	10.69%	11.6%	23,226
5	ALLIANCE DATA SYSTEMS	249.60	2.28	12.93%	14.0%	13,518
6	AMERICAN EXPRESS	97.46	1.40	10.03%	11.6%	83,266
7	AMETEK	74.03	0.56	11.33%	12.2%	17,709
8	AON CLASS A	138,94	1.44	12,56%	13.7%	34,677
9	APPLE	169.89	2.52	11.68%	13.3%	874,911
10	AT&T	37.47	2.00	9.38%	15.3%	228,096
11	AUTOMATIC DATA PROC.	117.06	2,52	13.42%	15.9%	51,499
12	AVERY DENNISON	116.31	1.80	12.20%	13.9%	10,446
13	BALL	38,66	0.40	10,43%	11.6%	13,869
14	BANK OF NEW YORK MELLON	55.42	0.96	9.35%	11.3%	56,674
15	BAXTER INTL.	66.82	0.64	13.12%	14.2%	35,827
16	BECTON DICKINSON	226.76	3.00	14.03%	15.5%	59,337
17	BRISTOL MYERS SQUIBB	62.90	1.60	12.04%	14.9%	112,583
18	BROWN-FORMAN 'B'	53.09	0.51	10,99%	12.1%	14,979
19	CAPITAL ONE FINL.	98.33	1.60	13.65%	15.5%	48,400
20	CBS 'B'	57.30	0.72	13.58%	15.0%	19,118
21	CENTERPOINT EN.	27.95	1.11	8.60%	13,0%	11,600
22	CH ROBINSON WWD.	90.99	1.84	9.86%	12.1%	12,912
23	CHURCH & DWIGHT CO.	48.76	0.87	10.20%	12.2%	12,441
24	CIGNA	206.57	0.04	13.83%	13.9%	47,072
25	CISCO SYSTEMS	40.06	1.32	9.48%	13.1%	213,560
26	CITIGROUP	76.10	1.28	14.08%	16.0%	197,433
27	CLOROX	140.70	3.84	7.99%	11.0%	17,043
28	COGNIZANT TECH.SLTN.'A'	74.80	0.80	13.82%	15.0%	47,732
29	COMCAST 'A'	40.12	0.76	8.82%	10.9%	184,429
30	COSTCO WHOLESALE	188.59	2.00	10.86%	12.0%	84,130
31	CUMMINS	176,54	4,32	10.69%	13.4%	27,437
32	DELTA AIR LINES	54.83	1.22	12.10%	14.6%	37,360
33	DISCOVER FINANCIAL SVS.	76.25	1.40	11.70%	13.8%	28,214
34	DOMINION ENERGY	78.49	3.34	6,86%	11.5%	49,386
35	DOWDUPONT	72.29	1.52	10.18%	12.5%	167,573
36	DR PEPPER SNAPPLE GROUP	107.16	2.32	11.21%	13.6%	20,692
37	EATON	81,29	2,64	11.73%	15.4%	36,444
38	ECOLAB	135.02	1.64	12.38%	13.8%	37,982
39	ELI LILLY	83.26	2.25	12.13%	15.2%	86,519
40	ESTEE LAUDER COS.'A'	132.20	1.52	13.67%	15.0%	31,672
41	EXPEDIA	121.14	1.20	14.09%	15.2%	14,439

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	COMPANY	STOCK PRICE (P <sub>0</sub> )	D <sub>0</sub>	FORECAST OF FUTURE EARNINGS GROWTH	MODEL RESULT	MARKET CAP \$ (MILS)
42	EXPEDITOR INTL.OF WASH.	64.09	0.84	10.13%	11.6%	11,394
43	FEDEX	249.63	2.00	13.73%	14.6%	65,416
44	FIDELITY NAT.INFO.SVS.	96.87	1.28	12.88%	14.4%	32,396
45	FLUOR	54.61	0.84	14.53%	16.3%	8,063
46	FMC	89.92	0.66	15.41%	16.3%	11,196
47	GAP	32.81	0.93	8.95%	12.1%	12,937
48	HCA HEALTHCARE	93.64	1.40	11.20%	12.9%	35,340
49	HERSHEY	108.02	2.62	9.62%	12.3%	15,093
50	HUMANA	264.83	2.00	14.43%	15.3%	37,037
51	HUNT JB TRANSPORT SVS.	116.75	0.96	15.07%	16,0%	13,234
52	ILLINOIS TOOL WORKS	167.42	3.12	13.23%	15,4%	55,518
53	INTEL	46.09	1,20	9.03%	11.9%	212,674
54	INTERNATIONAL PAPER	59.45	1.90	12.10%	15.7%	24,339
55	INTERPUBLIC GROUP	21.24	0.84	7.37%	11.7%	9,739
56	INTUIT	161.59	1.56	14.67%	15,8%	43,972
57	JACOBS ENGR.	66,40	0.60	12.07%	13.1%	8,952
58	JP MORGAN CHASE & CO.	109.69	2.24	9.18%	11.4%	393,577
59	JUNIPER NETWORKS	27.21	0.72	8,95%	11.9%	9,058
60	KIMBERLY-CLARK	117.17	4.00	7.48%	11.2%	40,717
61	KRAFT HEINZ	77.13	2.50	9,70%	13.3%	86,291
62	L BRANDS	53.52	2.40	8.32%	13.3%	13,808
63	MARRIOTT INTL,'A'	137.12	1.32	12,90%	14.0%	49,505
64	MATTEL	16.50	0.60	9.87%	13.9%	5,692
65	MCCORMICK & COMPANY NV.	103.46	2.08	10,48%	12.7%	12,776
66	MICROSOFT	88,17	1.68	11,07%	13.2%	708,381
67	MOLSON COORS BREWING 'B'	80.73	1.64	9.86%	12.1%	15,921
68	MONDELEZ INTERNATIONAL CL.A	43.68	0,88	10,82%	13.1%	65,651
69	MOODY'S	155.12	1.76	14.12%	15.4%	32,145
70	NETAPP	57.96	0.80	14.36%	15.9%	15,140
71	NEXTERA ENERGY	154.19	4,44	8,85%	12,0%	73,467
72	NORTHROP GRUMMAN	321.33	4.40	12.48%	14.0%	61,975
73	PACKAGING CORP,OF AM.	120.26	2.52	12,29%	14.7%	11,263
74	PAYCHEX	67.66	2.00	9.28%	12.5%	23,997
75	PERKINELMER	75.35	0.28	13.74%	14.2%	8,420
76	PNC FINL.SVS.GP.	149.70	3.00	12.47%	14.7%	75,021
77	PPG INDUSTRIES	116.01	1.80	10.15%	11.9%	29,026
78	PRAXAIR	154.95	3,30	8,63%	11.0%	44,107
79	PROCTER & GAMBLE	87.54	2.76	7.47%	10.9%	208,235
80	PVH	143.30	0.15	12.95%	13.1%	11,428
81	QUEST DIAGNOSTICS	101.16	2.00	9.19%	11.4%	14,178
82	REPUBLIC SVS.'A'	66.11	1.38	13.76%	16,2%	21,575
83	ROCKWELL AUTOMATION	194.81	3.34	10.17%	12.1%	23,712
84	ROCKWELL COLLINS	135.67	1,32	11,51%	12.6%	22,253
85	S&P GLOBAL	175.09	2.00	14.57%	15.9%	48,058
86	SEAGATE TECH.	46.72	2.52	8.41%	14.4%	14,646
87	SOUTHWEST AIRLINES	61.23	0.50	15.19%	16,1%	34,260
88	STRYKER	157.66	1.88	9.95%	11.3%	59,894

	COMPANY	STOCK PRICE (P <sub>0</sub> )	$D_0$	FORECAST OF FUTURE EARNINGS GROWTH	MODEL RESULT	MARKET CAP \$ (MILS)
89	SYMANTEC	27.49	0.30	10.15%	11.4%	17,123
90	TAPESTRY	45.99	1.35	10.45%	13,7%	14,261
91	TEXAS INSTRUMENTS	105.51	2.48	12.26%	14.9%	102,961
92	THERMO FISHER SCIENTIFIC	202.37	0.68	11,77%	12,1%	84,620
93	TIFFANY & CO	103.49	2.00	10.28%	12.4%	12,610
94	TIME WARNER	93.08	1.61	10.16%	12.1%	74,374
95	TOTAL SYSTEM SERVICES	81,83	0.52	14.67%	15.4%	15,825
96	TRACTOR SUPPLY	72.58	1.08	13.78%	15.5%	8,423
97	UNITED PARCEL SER.'B'	120.24	3.64	10.82%	14.2%	73,230
98	VF	76.52	1.84	9.07%	11,7%	29,609
99	WALGREENS BOOTS ALLIANCE	72.93	1.60	12.33%	14.8%	70,258
100	WALT DISNEY	108.19	1.68	10.77%	12.5%	160,186
101	WASTE MANAGEMENT	85.00	1.86	11,29%	13.7%	36,927
102	WELLS FARGO & CO	60.92	1.56	9.37%	12.2%	295,426
103	XILINX	69.72	1.40	9,47%	11.7%	17,096
104	Market-weighted Average				13.2%	

Notes: In applying the DCF model to the S&P 500, I include in the DCF analysis only those companies in the S&P 500 group which pay a dividend, have a positive growth rate, and have at least three analysts' long-term growth estimates. To be conservative, I also eliminate those 25% of companies with the highest and lowest DCF results.

 $D_0$ 

= Current dividend per Thomson Reuters.

 $P_0$ 

 Average of the monthly high and low stock prices during the three months ending February 2018 per Thomson Reuters

g

= I/B/E/S forecast of future earnings growth February 2018.

lc lc

= Cost of equity using the quarterly version of the DCF model shown below:

$$k = \left[ \frac{d_0 (1+g)^{\frac{1}{4}}}{P_0} \right]^4 - 1$$

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#### **REQUEST:**

Provide documentation from the Internal Revenue Service that supports Atmos's position regarding the application of the consistency rule to the tax issues.

#### **RESPONSE:**

The consistency rule in the normalization provision requires that any estimate or projection used for ratemaking purposes that includes any element of tax expense, depreciation expense, or reserve for deferred taxes must also include the other two elements. Mr. Kollen's proposal to include a surcredit tracker for the Company's net operating loss carryforward ADIT asset would not comply for this rule since the elements of tax expense and depreciation expense would not also be included. Mr. Kollen's suggestion that the net operating loss carryforward ADIT asset is not protected by the normalization provisions, and therefore not subject to the consistency rule, is contrary to the PLR the Company requested and received at this Commission's direction.

Please see page 39 of IRC Section 168 (Attachment 1) for the consistency rule. This section is summarized below:

Section 168(i)(9)(B) of the Internal Revenue Code provides that the normalization requirements are not satisfied if the taxpayer for ratemaking purposes uses a procedure or adjustment that is inconsistent with the requirements of section 168(i)(9)(A). Inconsistent procedures or adjustments include any procedure or adjustment that uses an estimate or projection of tax expense, depreciation expense, or reserve for deferred taxes unless such estimate or projection is also used for ratemaking purposes for all three of such items, as well as with respect to rate base.

Please also see page 4 of PLR 201534001 (Exhibit JKS-R-1 page 9) as submitted with the Rebuttal Testimony of Jennifer Story. The relevant section is summarized below:

Regarding the first issue, § 1.167(I)-1(h)(6)(i) provides that a taxpayer does not use a normalization method of regulated accounting if, for ratemaking purposes, the amount of the reserve for deferred taxes which is excluded from the base to which the taxpayer's rate of return is applied, or which is treated as no-cost capital in those rate cases in which the rate of return is based upon the cost of capital, exceeds the amount of such reserve for deferred taxes for the period used in determining the taxpayer's expense in computing cost of service in such ratemaking. Because the ADIT account, the reserve account for deferred taxes, reduces rate base, it is clear that the portion of an NOLC that is attributable to accelerated depreciation must be taken into account in calculating the amount of the reserve for deferred taxes (ADIT). Thus, to reduce Taxpayer's rate base by the full amount of its ADIT account balance unreduced by the balance of its NOLC-related account balance would be inconsistent with the requirements of § 168(i)(9) and § 1.167(I)-1.

For convenience, Exhibit JKS-R-1 is also attached to this response as Attachment 2.

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#### **ATTACHMENTS:**

ATTACHMENT 1 - Atmos Energy Corporation, Staff Post-Hearing\_1-11\_Att1 - IRC Section 168.pdf, 52 Pages.

ATTACHMENT 2 - Atmos Energy Corporation, Staff Post-Hearing\_1-11\_Att2 - Exhibit JKS-R-1.pdf, 12 Pages.

Respondent: Jennifer Story

§168 Accelerated cost recovery system. [Amended by the Tax Cuts and Jobs Act, P.L. 115-97; see Code history for details.] Internal Revenue Code (RIA) Internal Revenue Code § 168 Accelerated cost recovery system. [Amended by the Tax Cuts and Jobs Act, P.L. 115-97; see Code history for details.] (a) General rule. Except as otherwise provided in this section, the depreciation deduction provided by section 167(a) for any tangible property shall be determined by using-(1) the applicable depreciation method, (2)the applicable recovery period, and (3)the applicable convention. (b) Applicable depreciation method. For purposes of this section -(1) In general. Except as provided in paragraphs (2) and (3), the applicable depreciation method is-(A) the 200 percent declining balance method,

(B) switching to the straight line method for the 1st taxable year for which using the straight line method with respect to the adjusted basis as of the beginning of such year will yield a larger allowance.

(2) 150 percent declining balance method in certain cases.

Paragraph (1) shall be applied by substituting "150 percent" for "200 percent" in the case of-
(A) any 15-year or 20-year property not referred to in paragraph (3),
(B) any property (other than property described in paragraph (3) ) which is a qualified smart electric meter or qualified smart electric grid system, or
(C) any property (other than property described in paragraph (3)) with respect to which the taxpayer elects under paragraph (5) to have the provisions of this paragraph apply.
(3) Property to which straight line method applies.
The applicable depreciation method shall be the straight line method in the case of the following property:
(A) Nonresidential real property.
(B) Residential rental property.
(C) Any railroad grading or tunnel bore.
(D) Property with respect to which the taxpayer elects under paragraph (5) to have the provisions of this paragraph apply.
(E) Property described in subsection (e)(3)(D)(ii) .
(F) Water utility property described in subsection (e)(5) .
(G) Qualified improvement property described in subsection (e)(6).
(H) Repealed.
(I) Repealed.

(4) Salvage value treated as zero.

Salvage value shall be treated as zero.

(5) Election.

An election under paragraph (2)(D) or (3)(D) may be made with respect to 1 or more classes of property for any taxable year and once made with respect to any class shall apply to all property in such class placed in service during such taxable year. Such an election, once made, shall be irrevocable.

(c) Applicable recovery period.

For purposes of this section, the applicable recovery period shall be determined in accordance with the following table:

#### In the case of:

#### The applicable recovery period is:

3-year property	3 years
5-year property	5 years
7-year property	7 years
10-year property	10 years
15-year property	15 years
20-year property	20 years
Water utility property	25 years
Residential rental property	27.5 years
Nonresidential real property	39 years
Any railroad grading or tunnel bore	50 years

(d) Applicable convention.

For purposes of this section -

(1) In general.

Except as otherwise provided in this subsection, the applicable convention is the half-year convention.

(2) Real property.

In the case of-

- (A) nonresidential real property,
- (B) residential rental property, and
- (C) any railroad grading or tunnel bore,

the applicable convention is the mid-month convention.

- (3) Special rule where substantial property placed in service during last 3 months of taxable year.
- (A) In general. Except as provided in regulations, if during any taxable year-
- (i) the aggregate bases of property to which this section applies placed in service during the last 3 months of the taxable year, exceed
- (ii) 40 percent of the aggregate bases of property to which this section applies placed in service during such taxable year,

the applicable convention for all property to which this section applies placed in service during such taxable year shall be the mid-quarter convention.

- (B) Certain property not taken into account. For purposes of subparagraph (A), there shall not be taken into account-
- (i) any nonresidential real property, residential rental property, and railroad grading or tunnel bore, and
- (ii) any other property placed in service and disposed of during the same taxable year.
- (4) Definitions.
- (A) Half-year convention. The half-year convention is a convention which treats all property placed in service during any taxable year (or disposed of during any taxable year) as placed in service (or disposed of) on the mid-point of such taxable year.
- (B) Mid-month convention. The mid-month convention is a convention which treats all property placed in service during any month (or disposed of during any month) as placed in service (or disposed of) on the mid-point of such month.
- (C) Mid-quarter convention. The mid-quarter convention is a convention which treats all property placed in service during any quarter of a taxable year (or disposed of during any quarter of a taxable year) as placed in service (or disposed of) on the mid-point of such quarter.

(e) Classification of property.

For purposes of this section -

(1) In general.

Except as otherwise provided in this subsection, property shall be classified under the following table:

#### Property shall be treated as:

#### If such property has a class life (in years) of:

3-year property	4 or less
5-year property	More than 4 but less than 10
7-year property	10 or more but less than 16
10-year property	16 or more but less than 20
15-year property	20 or more but less than 25
20-year property	25 or more.

- (2) Residential rental or nonresidential real property.
- (A) Residential rental property.
- (i) Residential rental property. The term "residential rental property" means any building or structure if 80 percent or more of the gross rental income from such building or structure for the taxable year is rental income from dwelling units.
- (ii) Definitions. For purposes of clause (i) -
- (I) the term "dwelling unit" means a house or apartment used to provide living accommodations in a building or structure, but does not include a unit in a hotel, motel, or other establishment more than one-half of the units in which are used on a transient basis, and
- (II) if any portion of the building or structure is occupied by the taxpayer, the gross rental income from such building or structure shall include the rental value of the portion so occupied.
- (B) Nonresidential real property. The term "nonresidential real property" means section 1250 property which is not-
- (i) residential rental property, or
- (ii) property with a class life of less than 27.5 years.
- (3) Classification of certain property.
- (A) 3-year property. The term "3-year property" includes-
- (i) any race horse-

(I) which is placed in service before January 1, 2018, and
(II) which is placed in service after December 31, 2017, and which is more than 2 years old at the time such horse is placed in service by such purchaser,
(ii) any horse other than a race horse which is more than 12 years old at the time it is placed in service, and
(iii) any qualified rent-to-own property.
B) 5-year property. The term "5-year property" includes-
(i) any automobile or light general purpose truck,
(ii) any semi-conductor manufacturing equipment,
(iii) any computer-based telephone central office switching equipment,
(iv) any qualified technological equipment,
(v) any section 1245 property used in connection with research and experimentation,
(vi) any property which-
(I) is described in subparagraph (A) of section 48(a)(3) (or would be so described if "solar or wind energy" were substituted for "solar energy" in clause (i) thereof and the last sentence of such section did not apply to such subparagraph),
(II) is described in paragraph (15) of section 48(I) (as in effect on the day before the date of the enactment [11/5/90] of the Revenue Reconciliation Act of 1990) and is a qualifying small power production facility within the meaning of section 3(17)(C) of the Federal Power Act (16 U.S.C. 796(17)(C)), as in effect on September 1, 1986, or
(III) is described in section 48(I)(3)(A)(ix) (as in effect on the date before the date of the enactment of the Revenue Reconciliation Act of 1990), and

(vii) any machinery or equipment (other than any grain bin, cotton ginning asset, fence, or other land improvement) which is used in a farming business (as defined in section 263A(e)(4)), the original use of which commences with the taxpayer after December 31, 2017. Nothing in any provision of law shall be construed to treat property as not being described in clause (vi)(I) (or the corresponding provisions of prior law) by reason of being public utility property (within the meaning of section 48(a)(3)). (C) 7-year property. The term "7-year property" includes-(i) any railroad track and (ii) any motorsports entertainment complex, (iii) any Alaska natural gas pipeline, (iv) any natural gas gathering line the original use of which commences with the taxpayer after April 11, 2005, and (v) any property which-(I) does not have a class life, and (II) is not otherwise classified under paragraph (2) or this paragraph. (D) 10-year property. The term "10-year property" includes-(i) any single purpose agricultural or horticultural structure (within the meaning of subsection (i)(13)), (ii) any tree or vine bearing fruit or nuts, (iii) any qualified smart electric meter, and

(iv) any qualified smart electric grid system.

(E) 15-year property. The term "15-year property" includes-	
(i) any municipal wastewater treatment plant,	
(ii) any telephone distribution plant and comparable equipment used for 2-way exchange of voice data communications,	and
(iii) any section 1250 property which is a retail motor fuels outlet (whether or not food or other convenience items are sold at the outlet),	
(iv) initial clearing and grading land improvements with respect to gas utility property,	
(v) any section 1245 property (as defined in section 1245(a)(3)) used in the transmission at 69 more kilovolts of electricity for sale and the original use of which commences with the taxpayer a April 11, 2005, and	
(vi) any natural gas distribution line the original use of which commences with the taxpayer after 11, 2005, and which is placed in service before January 1, 2011.	April
(ix) Repealed.	
(F) 20-year property. The term "20-year property" means initial clearing and grading land improvements with respect to any electric utility transmission and distribution plant.	

(5) Water utility property.

(4) Railroad grading or tunnel bore.

The term "water utility property" means property-

restore a roadbed or right-of-way for railroad track.

(A) which is an integral part of the gathering, treatment, or commercial distribution of water, and which, without regard to this paragraph, would be 20-year property, and

The term "railroad grading or tunnel bore" means all improvements resulting from excavations (including tunneling), construction of embankments, clearings, diversions of roads and streams, sodding of slopes, and from similar work necessary to provide, construct, reconstruct, alter, protect, improve, replace, or

(B) any municipal sewer.
(6) Qualified improvement property.
(A) In general. The term "qualified improvement property" means any improvement to an interior portion of a building which is nonresidential real property if such improvement is placed in service after the date such building was first placed in service.
(B) Certain improvements not included. Such term shall not include any improvement for which the expenditure is attributable to-
(i) the enlargement of the building,
(ii) any elevator or escalator,
(iii) the internal structural framework of the building.
(7) Repealed.
(8) Repealed.
f) Property to which section does not apply.
This section shall not apply to-
(1) Certain methods of depreciation.
Any property if-
(A) the taxpayer elects to exclude such property from the application of this section , and
(B) for the 1st taxable year for which a depreciation deduction would be allowable with respect to such property in the hands of the taxpayer, the property is properly depreciated under the unit-of-production method or any method of depreciation not expressed in a term of years (other than the retirement-replacement-betterment method or similar method).
(2) Certain public utility property.

Any public utility property (within the meaning of subsection (i)(10)) if the taxpayer does not use a normalization method of accounting.

(3) Films and video tape.

Any motion picture film or video tape.

(4) Sound recordings.

Any works which result from the fixation of a series of musical, spoken, or other sounds, regardless of the nature of the material (such as discs, tapes, or other phonorecordings) in which such sounds are embodied.

- (5) Certain property placed in service in churning transactions.
- (A) In general, Property-
- (i) described in paragraph (4) of section 168(e) (as in effect before the amendments made by the Tax Reform Act of 1986), or
- (ii) which would be described in such paragraph if such paragraph were applied by substituting "1987" for "1981" and "1986" for "1980" each place such terms appear.
- (B) Subparagraph (A)(ii) not to apply. Clause (ii) of subparagraph (A) shall not apply to-
- (i) any residential rental property or nonresidential real property,
- (ii) any property if, for the 1st taxable year in which such property is placed in service-
- (I) the amount allowable as a deduction under this section (as in effect before the date of the enactment of this paragraph) with respect to such property is greater than,
- (II) the amount allowable as a deduction under this section (as in effect on or after such date and using the half-year convention) for such taxable year, or
- (iii) any property to which this section (as amended by the Tax Reform Act of 1986) applied in the hands of the transferor.
- (C) Special rule. In the case of any property to which this section would apply but for this paragraph, the depreciation deduction under section 167 shall be determined under the provisions of this section

as in effect before the amendments made by section 201 of the Tax Reform Act of 1986.

(g) Alternative depreciation system for certain property.
(1) In general.
In the case of-
(A) any tangible property which during the taxable year is used predominantly outside the United States,
(B) any tax-exempt use property,
(C) any tax-exempt bond financed property,
(D) any imported property covered by an Executive order under paragraph (6),
(E) any property to which an election under paragraph (7) applies,
(F) any property described in paragraph (8) , and
(G) any property with a recovery period of 10 years or more which is held by an electing farming business (as defined in section $163(j)(7)(C)$ ),
the depreciation deduction provided by section 167(a) shall be determined under the alternative depreciation system.
(2) Alternative depreciation system.
For purposes of paragraph (1), the alternative depreciation system is depreciation determined by using-
(A) the straight line method (without regard to salvage value),
(B) the applicable convention determined under subsection (d) , and
(C) a recovery period determined under the following table:

the case of:	The recovery period shall be:
(i) Property not described in clause (ii) or (iii)	The class life.
(ii) Personal property with no class	12 years.
(iii) Residential rental property	30 years.
(iv) Nonresidential real property	40 years.
(v) Any railroad grading or tunnel bore or water utility property	50 years.

(3) Special rules for determining class life.

In

- (A) Tax-exempt use property subject to lease. In the case of any tax-exempt use property subject to a lease, the recovery period used for purposes of paragraph (2) shall (notwithstanding any other subparagraph of this paragraph) in no event be less than 125 percent of the lease term.
- (B) Special rule for certain property assigned to classes. For purposes of paragraph (2), in the case of property described in any of the following subparagraphs of subsection (e)(3), the class life shall be determined as follows:

If property is described in subparagraph:	The class life is:
(A)(iii)	4
(B)(ii)	5
(B)(iii)	9.5
(B)(vii)	10
(C)(i)	10
(C)(iii)	22
(C)(iv)	14
(D)(i)	15
(D)(ii)	20
(D)(v)	20
(E)(i)	24
(E)(ii)	24
(E)(iii)	20
(E)(iv)	20
(E)(v)	30
(E)(vi)	35
(E)(vii)	30
(E)(viii)	35
(E)(ix)	39
(F)	25

- (C) Qualified technological equipment. In the case of any qualified technological equipment, the recovery period used for purposes of paragraph (2) shall be 5 years.
- (D) Automobiles, etc. In the case of any automobile or light general purpose truck, the recovery period used for purposes of paragraph (2) shall be 5 years.
- (E) Certain real property. In the case of any section 1245 property which is real property with no class life, the recovery period used for purposes of paragraph (2) shall be 40 years.
- (4) Exception for certain property used outside United States.

Subparagraph (A) of paragraph (1) shall not apply to-

- (A) any aircraft which is registered by the Administrator of the Federal Aviation Agency and which is operated to and from the United States or is operated under contract with the United States;
- (B) rolling stock which is used within and without the United States and which is-
- (i) of a rail carrier subject to part A of subtitle IV of title 49, or
- (ii) of a United States person (other than a corporation described in clause (i) ) but only if the rolling stock is not leased to one or more foreign persons for periods aggregating more than 12 months in any 24-month period;
- (C) any vessel documented under the laws of the United States which is operated in the foreign or domestic commerce of the United States;
- (D) any motor vehicle of a United States person (as defined in section 7701(a)(30)) which is operated to and from the United States;
- (E) any container of a United States person which is used in the transportation of property to and from the United States;
- (F) any property (other than a vessel or an aircraft) of a United States person which is used for the purpose of exploring for, developing, removing, or transporting resources from the outer Continental Shelf (within the meaning of section 2 of the Outer Continental Shelf Lands Act, as amended and supplemented; (43 U.S.C. 1331));

- (G) any property which is owned by a domestic corporation (other than a corporation which has an election in effect under section 936) or by a United States citizen (other than a citizen entitled to the benefits of section 931 or 933) and which is used predominantly in a possession of the United States by such a corporation or such a citizen, or by a corporation created or organized in, or under the law of, a possession of the United States;
- (H) any communications satellite (as defined in section 103(3) of the Communications Satellite Act of 1962, 47 U.S.C. 702(3)), or any interest therein, of a United States person;
- (I) any cable, or any interest therein, of a domestic corporation engaged in furnishing telephone service to which section 168(i)(10)(C) applies (or of a wholly owned domestic subsidiary of such a corporation), if such cable is part of a submarine cable system which constitutes part of a communication link exclusively between the United States and one or more foreign countries;
- (J) any property (other than a vessel or an aircraft) of a United States person which is used in international or territorial waters within the northern portion of the Western Hemisphere for the purpose of exploring for, developing, removing, or transporting resources from ocean waters or deposits under such waters;
- (K) any property described in section 48(I)(3)(A)(ix) (as in effect on the day before the date of the enactment of the Revenue Reconciliation Act of 1990) which is owned by a United States person and which is used in international or territorial waters to generate energy for use in the United States; and
- (L) any satellite (not described in subparagraph (H)) or other spacecraft (or any interest therein) held by a United States person if such satellite or other spacecraft was launched from within the United States.

For purposes of subparagraph (J), the term "northern portion of the Western Hemisphere" means the area lying west of the 30th meridian west of Greenwich, east of the international dateline, and north of the Equator, but not including any foreign country which is a country of South America.

(5) Tax-exempt bond financed property.

For purposes of this subsection -

- (A) In general. Except as otherwise provided in this paragraph, the term "tax-exempt bond financed property" means any property to the extent such property is financed (directly or indirectly) by an obligation the interest on which is exempt from tax under section 103(a).
- (B) Allocation of bond proceeds. For purposes of subparagraph (A), the proceeds of any obligation shall be treated as used to finance property acquired in connection with the issuance of such obligation

in the order in which such property is placed in service.

- (C) Qualified residential rental projects. The term "tax-exempt bond financed property" shall not include any qualified residential rental project (within the meaning of section 142(a)(7)).
- (6) Imported property.
- (A) Countries maintaining trade restrictions or engaging in discriminatory acts. If the President determines that a foreign country-
- (i) maintains nontariff trade restrictions, including variable import fees, which substantially burden United States commerce in a manner inconsistent with provisions of trade agreements, or
- (ii) engages in discriminatory or other acts (including tolerance of international cartels) or policies unjustifiably restricting United States commerce,

the President may by Executive order provide for the application of paragraph (1)(D) to any article or class of articles manufactured or produced in such foreign country for such period as may be provided by such Executive order. Any period specified in the preceding sentence shall not apply to any property ordered before (or the construction, reconstruction, or erection of which began before) the date of the Executive order unless the President determines an earlier date to be in the public interest and specifies such date in the Executive order.

- (B) Imported property. For purposes of this subsection , the term "imported property" means any property if-
- (i) such property was completed outside the United States, or
- (ii) less than 50 percent of the basis of such property is attributable to value added within the United States.

For purposes of this subparagraph, the term "United States" includes the Commonwealth of Puerto Rico and the possessions of the United States.

- (7) Election to use alternative depreciation system.
- (A) In general. If the taxpayer makes an election under this paragraph with respect to any class of property for any taxable year, the alternative depreciation system under this subsection shall apply to all property in such class placed in service during such taxable year. Notwithstanding the preceding sentence, in the case of nonresidential real property or residential rental property, such election may be made separately with respect to each property.

(B) Election irrevocable. An election under subparagraph (A) , once made, shall be irrevocable.
(8) Electing real property trade or business.
The property described in this paragraph shall consist of any nonresidential real property, residential rental property, and qualified improvement property held by an electing real property trade or business (as defined in $163(j)(7)(B)$ ).
h) Tax-exempt use property.
(1) In general.
For purposes of this section -
(A) Property other than nonresidential real property. Except as otherwise provided in this subsection, the term "tax-exempt use property" means that portion of any tangible property (other than nonresidential real property) leased to a tax-exempt entity.
(B) Nonresidential real property.
(i) In general. In the case of nonresidential real property, the term "tax-exempt use property" means that portion of the property leased to a tax-exempt entity in a disqualified lease.
(ii) Disqualified lease. For purposes of this subparagraph , the term "disqualified lease" means any lease of the property to a tax-exempt entity, but only if-
<ul> <li>(I) part or all of the property was financed (directly or indirectly) by an obligation the interest on which is exempt from tax under section 103(a) and such entity (or a related entity) participated in such financing,</li> </ul>
(II) under such lease there is a fixed or determinable price purchase or sale option which involves such entity (or a related entity) or there is the equivalent of such an option,
(III) such lease has a lease term in excess of 20 years, or

(IV) such lease occurs after a sale (or other transfer) of the property by, or lease of the property from, such entity (or a related entity) and such property has been used by such entity (or a related entity) before such sale (or other transfer) or lease.

- (iii) 35-percent threshold test. Clause (i) shall apply to any property only if the portion of such property leased to tax-exempt entities in disqualified leases is more than 35 percent of the property.
- (iv) Treatment of improvements. For purposes of this subparagraph, improvements to a property (other than land) shall not be treated as a separate property.
- (v) Leasebacks during 1st 3 months of use not taken into account. Subclause (IV) of clause (ii) shall not apply to any property which is leased within 3 months after the date such property is first used by the tax-exempt entity (or a related entity).
- (C) Exception for short-term leases.
- (i) In general. Property shall not be treated as tax-exempt use property merely by reason of a short-term lease.
- (ii) Short-term lease. For purposes of clause (i) , the term "short-term lease" means any lease the term of which is-
- (I) less than 3 years, and
- (II) less than the greater of 1 year or 30 percent of the property's present class life.

In the case of nonresidential real property and property with no present class life, subclause (II) shall not apply.

- (D) Exception where property used in unrelated trade or business. The term "tax-exempt use property" shall not include any portion of a property if such portion is predominantly used by the tax-exempt entity (directly or through a partnership of which such entity is a partner) in an unrelated trade or business the income of which is subject to tax under section 511. For purposes of subparagraph (B)(iii), any portion of a property so used shall not be treated as leased to a tax-exempt entity in a disqualified lease.
- (E) Nonresidential real property defined. For purposes of this paragraph, the term "nonresidential real property" includes residential rental property.
- (2) Tax-exempt entity.
- (A) In general, For purposes of this subsection, the term "tax-exempt entity" means-
- (i) the United States, any State or political subdivision thereof, any possession of the United States,

or any agency or instrumentality of any of the foregoing,

- (ii) an organization (other than a cooperative described in section 521) which is exempt from tax imposed by this chapter,
- (iii) any foreign person or entity, and
- (iv) any Indian tribal government described in section 7701(a)(40).

For purposes of applying this subsection, any Indian tribal government referred to in clause (iv) shall be treated in the same manner as a State.

- (B) Exception for certain property subject to United States tax and used by foreign person or entity. Clause (iii) of subparagraph (A) shall not apply with respect to any property if more than 50 percent of the gross income for the taxable year derived by the foreign person or entity from the use of such property is-
- (i) subject to tax under this chapter, or
- (ii) included under section 951 in the gross income of a United States shareholder for the taxable year with or within which ends the taxable year of the controlled foreign corporation in which such income was derived.

For purposes of the preceding sentence, any exclusion or exemption shall not apply for purposes of determining the amount of the gross income so derived, but shall apply for purposes of determining the portion of such gross income subject to tax under this chapter.

- (C) Foreign person or entity. For purposes of this paragraph, the term "foreign person or entity" means-
- (i) any foreign government, any international organization, or any agency or instrumentality of any of the foregoing, and
- (ii) any person who is not a United States person.

Such term does not include any foreign partnership or other foreign pass-thru entity.

- (D) Treatment of certain taxable instrumentalities. For purposes of this subsection, a corporation shall not be treated as an instrumentality of the United States or of any State or political subdivision thereof if-
  - (i) all of the activities of such corporation are subject to tax under this chapter, and
  - (ii) a majority of the board of directors of such corporation is not selected by the United States or any State or political subdivision thereof.
- (E) Certain previously tax-exempt organizations.
- (i) In general. For purposes of this subsection, an organization shall be treated as an organization described in subparagraph (A)(ii) with respect to any property (other than property held by such organization) if such organization was an organization (other than a cooperative described in section 521) exempt from tax imposed by this chapter at any time during the 5-year period ending on the date such property was first used by such organization. The preceding sentence and subparagraph (D)(ii) shall not apply to the Federal Home Loan Mortgage Corporation.
- (ii) Election not to have clause (I) apply.
- (I) In general. In the case of an organization formerly exempt from tax under section 501(a) as an organization described in section 501(c)(12), clause (i) shall not apply to such organization with respect to any property if such organization elects not to be exempt from tax under section 501(a) during the tax-exempt use period with respect to such property.
- (II) Tax-exempt use period. For purposes of subclause (I), the term "tax-exempt use period" means the period beginning with the taxable year in which the property described in subclause (I) is first used by the organization and ending with the close of the 15th taxable year following the last taxable year of the applicable recovery period of such property.
- (III) Election. Any election under subclause (I), once made, shall be irrevocable.
- (iii) Treatment of successor organizations. Any organization which is engaged in activities substantially similar to those engaged in by a predecessor organization shall succeed to the treatment under this subparagraph of such predecessor organization.
- (iv) First used. For purposes of this subparagraph, property shall be treated as first used by the organization-
- (I) when the property is first placed in service under a lease to such organization, or

- (II) in the case of property leased to (or held by) a partnership (or other pass-thru entity) in which the organization is a member, the later of when such property is first used by such partnership or pass-thru entity or when such organization is first a member of such partnership or pass-thru entity.
- (3) Special rules for certain high technology equipment.
- (A) Exemption where lease term is 5 years or less. For purposes of this section, the term "tax-exempt use property" shall not include any qualified technological equipment if the lease to the tax-exempt entity has a lease term of 5 years or less. Notwithstanding subsection (i)(3)(A)(i), in determining a lease term for purposes of the preceding sentence, there shall not be taken into account any option of the lessee to renew at the fair market value rent determined at the time of renewal; except that the aggregate period not taken into account by reason of this sentence shall not exceed 24 months.
- (B) Exception for certain property.
- (i) In general. For purposes of subparagraph (A), the term "qualified technological equipment" shall not include any property leased to a tax-exempt entity if-
- (I) part or all of the property was financed (directly or indirectly) by an obligation the interest on which is exempt from tax under section 103(a),
- (II) such lease occurs after a sale (or other transfer) of the property by, or lease of such property from, such entity (or related entity) and such property has been used by such entity (or a related entity) before such sale (or other transfer) or lease, or
- (III) such tax-exempt entity is the United States or any agency or instrumentality of the United States.
- (ii) Leasebacks during 1st 3 months of use not taken into account. Subclause (II) of clause (i) shall not apply to any property which is leased within 3 months after the date such property is first used by the tax-exempt entity (or a related entity).
- (4) Related entities.

For purposes of this subsection -

(A)

(i) Each governmental unit and each agency or instrumentality of a governmental unit is related to each other such unit, agency, or instrumentality which directly or indirectly derives its powers, rights, and duties in whole or in part from the same sovereign authority.

(ii) For purposes of clause (i) , the United States, each State, and each possession of the United States shall be treated as a separate sovereign authority.
(B) Any entity not described in subparagraph (A)(i) is related to any other entity if the 2 entities have-
(i) significant common purposes and substantial common membership, or
(ii) directly or indirectly substantial common direction or control.
(C)
(i) An entity is related to another entity if either entity owns (directly or through 1 or more entities) a 50 percent or greater interest in the capital or profits of the other entity.
(ii) For purposes of clause (i) , entities treated as related under subparagraph (A) or (B) shall be treated as 1 entity.
(D) An entity is related to another entity with respect to a transaction if such transaction is part of an attempt by such entities to avoid the application of this subsection.
5) Tax-exempt use of property leased to partnerships, etc., determined at partner level.
For purposes of this subsection -
(A) In general. In the case of any property which is leased to a partnership, the determination of whether any portion of such property is tax-exempt use property shall be made by treating each tax-exempt entity partner's proportionate share (determined under paragraph (6)(C)) of such property as being leased to such partner.
(B) Other pass-thru entities; tiered entities. Rules similar to the rules of subparagraph (A) shall also apply in the case of any pass-thru entity other than a partnership and in the case of tiered partnerships and other entities.
(C) Presumption with respect to foreign entities. Unless it is otherwise established to the satisfaction of the Secretary, it shall be presumed that the partners of a foreign partnership (and the beneficiaries of any other foreign pass-thru entity) are persons who are not United States persons.

(6) Treatment of property owned by partnerships, etc.

- (A) In general. For purposes of this subsection, if-
- (i) any property which (but for this subparagraph) is not tax-exempt use property is owned by a partnership which has both a tax-exempt entity and a person who is not a tax-exempt entity as partners, and
- (ii) any allocation to the tax-exempt entity of partnership items is not a qualified allocation,

an amount equal to such tax-exempt entity's proportionate share of such property shall (except as provided in paragraph (1)(D)) be treated as tax-exempt use property.

- (B) Qualified allocation. For purposes of subparagraph (A), the term "qualified allocation" means any allocation to a tax-exempt entity which-
- (i) is consistent with such entity's being allocated the same distributive share of each item of income, gain, loss, deduction, credit, and basis and such share remains the same during the entire period the entity is a partner in the partnership, and
- (ii) has substantial economic effect within the meaning of section 704(b)(2).

For purposes of this subparagraph, items allocated under section 704(c) shall not be taken into account.

- (C) Determination of proportionate share.
- (i) In general. For purposes of subparagraph (A), a tax-exempt entity's proportionate share of any property owned by a partnership shall be determined on the basis of such entity's share of partnership items of income or gain (excluding gain allocated under section 704(c)), whichever results in the largest proportionate share.
- (ii) Determination where allocations vary. For purposes of clause (i), if a tax-exempt entity's share of partnership items of income or gain (excluding gain allocated under section 704(c)) may vary during the period such entity is a partner in the partnership, such share shall be the highest share such entity may receive.
- (D) Determination of whether property used in unrelated trade or business. For purposes of this subsection, in the case of any property which is owned by a partnership which has both a tax-exempt entity and a person who is not a tax-exempt entity as partners, the determination of whether such property is used in an unrelated trade or business of such an entity shall be made without regard to section 514.

- (E) Other pass-thru entities; tiered entities. Rules similar to the rules of subparagraphs (A), (B), (C), and (D) shall also apply in the case of any pass-thru entity other than a partnership and in the case of tiered partnerships and other entities.
- (F) Treatment of certain taxable entities.
- (i) In general. For purposes of this paragraph and paragraph (5), except as otherwise provided in this subparagraph, any tax-exempt controlled entity shall be treated as a tax-exempt entity.
- (ii) Election. If a tax-exempt controlled entity makes an election under this clause-
- (I) such entity shall not be treated as a tax-exempt entity for purposes of this paragraph and paragraph (5), and
- (II) any gain recognized by a tax-exempt entity on any disposition of an interest in such entity (and any dividend or interest received or accrued by a tax-exempt entity from such tax-exempt controlled entity) shall be treated as unrelated business taxable income for purposes of section 511.

Any such election shall be irrevocable and shall bind all tax-exempt entities holding interests in such tax-exempt controlled entity. For purposes of subclause (II), there shall only be taken into account dividends which are properly allocable to income of the tax-exempt controlled entity which was not subject to tax under this chapter.

- (iii) Tax-exempt controlled entity.
- (I) In general. The term "tax-exempt controlled entity" means any corporation (which is not a tax-exempt entity determined without regard to this subparagraph and paragraph (2)(E)) if 50 percent or more (in value) of the stock in such corporation is held by 1 or more tax-exempt entities (other than a foreign person or entity).
- (II) Only 5-percent shareholders taken into account in case of publicly traded stock. For purposes of subclause (I), in the case of a corporation the stock of which is publicly traded on an established securities market, stock held by a tax-exempt entity shall not be taken into account unless such entity holds at least 5 percent (in value) of the stock in such corporation. For purposes of this subclause, related entities (within the meaning of paragraph (4)) shall be treated as 1 entity.
- (III) Section 318 to apply. For purposes of this clause, a tax-exempt entity shall be treated as holding stock which it holds through application of section 318 (determined without regard to the 50-percent limitation contained in subsection (a)(2)(C) thereof).
- (G) Regulations. For purposes of determining whether there is a qualified allocation under

subparagraph (B), the regulations prescribed under paragraph (8) for purposes of this paragraph -

- (i) shall set forth the proper treatment for partnership guaranteed payments, and
- (ii) may provide for the exclusion or segregation of items.
- (7) Lease.

For purposes of this subsection, the term "lease" includes any grant of a right to use property.

(8) Regulations.

The Secretary shall prescribe such regulations as may be necessary or appropriate to carry out the purposes of this subsection .

(i) Definitions and special rules.

For purposes of this section -

(1) Class life.

Except as provided in this section, the term "class life" means the class life (if any) which would be applicable with respect to any property as of January 1, 1986, under subsection (m) of section 167 (determined without regard to paragraph (4) and as if the taxpayer had made an election under such subsection). The Secretary, through an office established in the Treasury, shall monitor and analyze actual experience with respect to all depreciable assets. The reference in this paragraph to subsection (m) of section 167 shall be treated as a reference to such subsection as in effect on the day before the date of the enactment of the Revenue Reconciliation Act of 1990 [11/5/90].

- (2) Qualified technological equipment.
- (A) In general. The term "qualified technological equipment" means-
- (i) any computer or peripheral equipment,
- (ii) any high technology telephone station equipment installed on the customer's premises, and
- (iii) any high technology medical equipment.
- (B) Computer or peripheral equipment defined. For purposes of this paragraph -
- (i) In general. The term "computer or peripheral equipment" means-

(I) any computer, and
(II) any related peripheral equipment.
(ii) Computer. The term "computer" means a programmable electronically activated device which-
(I) is capable of accepting information, applying prescribed processes to the information, and supplying the results of these processes with or without human intervention, and
(II) consists of a central processing unit containing extensive storage, logic, arithmetic, and control capabilities.
(iii) Related peripheral equipment. The term "related peripheral equipment" means any auxiliary machine (whether on-line or off-line) which is designed to be placed under the control of the central processing unit of a computer.
(iv) Exceptions. The term "computer or peripheral equipment" shall not include-
(I) any equipment which is an integral part of other property which is not a computer,
(II) typewriters, calculators, adding and accounting machines, copiers, duplicating equipment, and similar equipment, and
(III) equipment of a kind used primarily for amusement or entertainment of the user.
(C) High technology medical equipment. For purposes of this paragraph, the term "high technology medical equipment" means any electronic, electromechanical, or computer-based high technology equipment used in the screening, monitoring, observation, diagnosis, or treatment of patients in a laboratory, medical, or hospital environment.
3) Lease term.
(A) In general. In determining a lease term-
(i) there shall be taken into account options to renew,
(ii) the term of a lease shall include the term of any service contract or similar arrangement (whether or not treated as a lease under section 7701(e) )-

- which is part of the same transaction (or series of related transactions) which includes the lease, and
- (II) which is with respect to the property subject to the lease or substantially similar property, and
- (iii) 2 or more successive leases which are part of the same transaction (or a series of related transactions) with respect to the same or substantially similar property shall be treated as 1 lease.
- (B) Special rule for fair rental options on nonresidential real property or residential rental property. For purposes of clause (i) of subparagraph (A), in the case of nonresidential real property or residential rental property, there shall not be taken into account any option to renew at fair market value determined at the time of renewal.
- (4) General asset accounts.

Under regulations, a taxpayer may maintain 1 or more general asset accounts for any property to which this section applies. Except as provided in regulations, all proceeds realized on any disposition of property in a general asset account shall be included in income as ordinary income.

(5) Changes in use.

The Secretary shall, by regulations, provide for the method of determining the deduction allowable under section 167(a) with respect to any tangible property for any taxable year (and the succeeding taxable years) during which such property changes status under this section but continues to be held by the same person.

(6) Treatments of additions or improvements to property.

In the case of any addition to (or improvement of) any property-

- (A) any deduction under subsection (a) for such addition or improvement shall be computed in the same manner as the deduction for such property would be computed if such property had been placed in service at the same time as such addition or improvement, and
- (B) the applicable recovery period for such addition or improvement shall begin on the later of-
- (i) the date on which such addition (or improvement) is placed in service, or
- (ii) the date on which the property with respect to which such addition (or improvement) was made is placed in service.

- (7) Treatment of certain transferees.
- (A) In general. In the case of any property transferred in a transaction described in subparagraph (B), the transferee shall be treated as the transferor for purposes of computing the depreciation deduction determined under this section with respect to so much of the basis in the hands of the transferee as does not exceed the adjusted basis in the hands of the transferor. In any case where this section as in effect before the amendments made by section 201 of the Tax Reform Act of 1986 applied to the property in the hands of the transferor, the reference in the preceding sentence to this section shall be treated as a reference to this section as so in effect.
- (B) Transactions covered. The transactions described in this subparagraph are-
- (i) any transaction described in section 332, 351, 361, 721, or 731, and
- (ii) any transaction between members of the same affiliated group during any taxable year for which a consolidated return is made by such group.
- (C) Property reacquired by the taxpayer. Under regulations, property which is disposed of and then reacquired by the taxpayer shall be treated for purposes of computing the deduction allowable under subsection (a) as if such property had not been disposed of.
- (8) Treatment of leasehold improvements.
- (A) In general. In the case of any building erected (or improvements made) on leased property, if such building or improvement is property to which this section applies, the depreciation deduction shall be determined under the provisions of this section.
- (B) Treatment of lessor improvements which are abandoned at termination of lease. An improvement-
- (i) which is made by the lessor of leased property for the lessee of such property, and
- (ii) which is irrevocably disposed of or abandoned by the lessor at the termination of the lease by such lessee.

shall be treated for purposes of determining gain or loss under this title as disposed of by the lessor when so disposed of or abandoned.

(C) Cross reference. For treatment of qualified long-term real property constructed or improved in connection with cash or rent reduction from lessor to lessee, see section 110(b).

- Normalization rules.
- (A) In general. In order to use a normalization method of accounting with respect to any public utility property for purposes of subsection (f)(2) -
- (i) the taxpayer must, in computing its tax expense for purposes of establishing its cost of service for ratemaking purposes and reflecting operating results in its regulated books of account, use a method of depreciation with respect to such property that is the same as, and a depreciation period for such property that is no shorter than, the method and period used to compute its depreciation expense for such purposes; and
- (ii) if the amount allowable as a deduction under this section with respect to such property (respecting all elections made by the taxpayer under this section) differs from the amount that would be allowable as a deduction under section 167 using the method (including the period, first and last year convention, and salvage value) used to compute regulated tax expense under clause (i), the taxpayer must make adjustments to a reserve to reflect the deferral of taxes resulting from such difference.
- (B) Use of inconsistent estimates and projections, etc.
- (i) In general. One way in which the requirements of subparagraph (A) are not met is if the taxpayer, for ratemaking purposes, uses a procedure or adjustment which is inconsistent with the requirements of subparagraph (A).
- (ii) Use of inconsistent estimates and projections. The procedures and adjustments which are to be treated as inconsistent for purposes of clause (i) shall include any procedure or adjustment for ratemaking purposes which uses an estimate or projection of the taxpayer's tax expense, depreciation expense, or reserve for deferred taxes under subparagraph (A)(ii) unless such estimate or projection is also used, for ratemaking purposes, with respect to the other 2 such items and with respect to the rate base.
- (iii) Regulatory authority. The Secretary may by regulations prescribe procedures and adjustments (in addition to those specified in clause (ii) ) which are to be treated as inconsistent for purposes of clause (i) .
- (C) Public utility property which does not meet normalization rules. In the case of any public utility property to which this section does not apply by reason of subsection (f)(2), the allowance for depreciation under section 167(a) shall be an amount computed using the method and period referred to in subparagraph (A)(i).
- (10) Public utility property.

The term "public utility property" means property used predominantly in the trade or business of the furnishing or sale of-

(A) electrical energy, water, or sewage disposal services,
(B) gas or steam through a local distribution system,
(C) telephone services, or other communication services if furnished or sold by the Communications Satellite Corporation for purposes authorized by the Communications Satellite Act of 1962 (47 U.S.C 701), or
(D) transportation of gas or steam by pipeline,
if the rates for such furnishing or sale, as the case may be, have been established or approved by a State or political subdivision thereof, by any agency or instrumentality of the United States, or by a publi- service or public utility commission or other similar body of any State or political subdivision thereof.
(11) Research and experimentation.
The term "research and experimentation" has the same meaning as the term research and experimenta has under section 174 .
(12) Section 1245 and 1250 property.
The terms " section 1245 property" and " section 1250 property" have the meanings given such terms b sections 1245(a)(3) and 1250(c) , respectively.
(13) Single purpose agricultural or horticultural structure.
(A) In general. The term "single purpose agricultural or horticultural structure" means-
(i) a single purpose livestock structure, and
(ii) a single purpose horticultural structure.
(B) Definitions. For purposes of this paragraph -
(i) Single purpose livestock structure. The term "single purpose livestock structure" means any enclosure or structure specifically designed, constructed, and used-
(I) for housing, raising, and feeding a particular type of livestock and their produce, and

- (II) for housing the equipment (including any replacements) necessary for the housing, raising, and feeding referred to in subclause (I).
- (ii) Single purpose horticultural structure. The term "single purpose horticultural structure" means-
- (I) a greenhouse specifically designed, constructed, and used for the commercial production of plants, and
- (II) a structure specifically designed, constructed, and used for the commercial production of mushrooms.
- (iii) Structures which include work space. An enclosure or structure which provides work space shall be treated as a single purpose agricultural or horticultural structure only if such work space is solely for-
- (I) the stocking, caring for, or collecting of livestock or plants (as the case may be) or their produce,
- (II) the maintenance of the enclosure or structure, and
- (III) the maintenance or replacement of the equipment or stock enclosed or housed therein.
- (iv) Livestock. The term "livestock" includes poultry.
- (14) Qualified rent-to-own property.
- (A) In general. The term "qualified rent-to-own property" means property held by a rent-to-own dealer for purposes of being subject to a rent-to-own contract.
- (B) Rent-to-own dealer. The term "rent-to-own dealer" means a person that, in the ordinary course of business, regularly enters into rent-to-own contracts with customers for the use of consumer property, if a substantial portion of those contracts terminate and the property is returned to such person before the receipt of all payments required to transfer ownership of the property from such person to the customer.
- (C) Consumer property. The term "consumer property" means tangible personal property of a type generally used within the home for personal use.

- (D) Rent-to-own contract. The term "rent-to-own contract" means any lease for the use of consumer property between a rent-to-own dealer and a customer who is an individual which-
- (i) is titled "Rent-to-Own Agreement" or "Lease Agreement with Ownership Option," or uses other similar language,
- (ii) provides for level (or decreasing where no payment is less than 40 percent of the largest payment), regular periodic payments (for a payment period which is a week or month),
- (iii) provides that legal title to such property remains with the rent-to-own dealer until the customer makes all the payments described in clause (ii) or early purchase payments required under the contract to acquire legal title to the item of property,
- (iv) provides a beginning date and a maximum period of time for which the contract may be in effect that does not exceed 156 weeks or 36 months from such beginning date (including renewals or options to extend),
- (v) provides for payments within the 156-week or 36-month period that, in the aggregate, generally exceed the normal retail price of the consumer property plus interest,
- (vi) provides for payments under the contract that, in the aggregate, do not exceed \$10,000 per item of consumer property,
- (vii) provides that the customer does not have any legal obligation to make all the payments referred to in clause (ii) set forth under the contract, and that at the end of each payment period the customer may either continue to use the consumer property by making the payment for the next payment period or return such property to the rent-to-own dealer in good working order, in which case the customer does not incur any further obligations under the contract and is not entitled to a return of any payments previously made under the contract, and
- (viii) provides that the customer has no right to sell, sublease, mortgage, pawn, pledge, encumber, or otherwise dispose of the consumer property until all the payments stated in the contract have been made.
- (15) Motorsports entertainment complex.
- (A) In general. The term "motorsports entertainment complex" means a racing track facility which-
- (i) is permanently situated on land, and

- (ii) during the 36-month period following the first day of the month in which the asset is placed in service, hosts 1 or more racing events for automobiles (of any type), trucks, or motorcycles which are open to the public for the price of admission.
- (B) Ancillary and support facilities. Such term shall include, if owned by the taxpayer who owns the complex and provided for the benefit of patrons of the complex-
- (i) ancillary facilities and land improvements in support of the complex's activities (including parking lots, sidewalks, waterways, bridges, fences, and landscaping),
- (ii) support facilities (including food and beverage retailing, souvenir vending, and other nonlodging accommodations), and
- (iii) appurtenances associated with such facilities and related attractions and amusements (including ticket booths, race track surfaces, suites and hospitality facilities, grandstands and viewing structures, props, walls, facilities that support the delivery of entertainment services, other special purpose structures, facades, shop interiors, and buildings).
- (C) Exception. Such term shall not include any transportation equipment, administrative services assets, warehouses, administrative buildings, hotels, or motels.
- (D) Termination. Such term shall not include any property placed in service after December 31, 2017.
- (16) Alaska natural gas pipeline.

The term "Alaska natural gas pipeline" means the natural gas pipeline system located in the State of Alaska which-

- (A) has a capacity of more than 500,000,000,000 Btu of natural gas per day, and
- (B) is-
- (i) placed in service after December 31, 2013, or
- (ii) treated as placed in service on January 1, 2014, if the taxpayer who places such system in service before January 1, 2014, elects such treatment.

Such term includes the pipe, trunk lines, related equipment, and appurtenances used to carry natural gas, but does not include any gas processing plant.

(17) Natural gas gathering line.

The term "natural gas gathering line" means-

- (A) the pipe, equipment, and appurtenances determined to be a gathering line by the Federal Energy Regulatory Commission, and
- (B) the pipe, equipment, and appurtenances used to deliver natural gas from the wellhead or a commonpoint to the point at which such gas first reaches-
- (i) a gas processing plant,
- (ii) an interconnection with a transmission pipeline for which a certificate as an interstate transmission pipeline has been issued by the Federal Energy Regulatory Commission,
- (iii) an interconnection with an intrastate transmission pipeline, or
- (iv) a direct interconnection with a local distribution company, a gas storage facility, or an industrial consumer.
- (18) Qualified smart electric meters.
- (A) In general. The term "qualified smart electric meter" means any smart electric meter which-
- (i) is placed in service by a taxpayer who is a supplier of electric energy or a provider of electric energy services, and
- (ii) does not have a class life (determined without regard to subsection (e)) of less than 16 years.
- (B) Smart electric meter. For purposes of subparagraph (A), the term "smart electric meter" means any time-based meter and related communication equipment which is capable of being used by the taxpayer as part of a system that-
- (i) measures and records electricity usage data on a time-differentiated basis in at least 24 separate time segments per day,
- (ii) provides for the exchange of information between supplier or provider and the customer's electric meter in support of time-based rates or other forms of demand response,

(iv) provides net metering.	
(19) Qualified smart electric grid systems.	
(A) In general. The term "qualified smart electric grid	system" means any smart grid property which-
<ul> <li>(i) is used as part of a system for electric distribution management placed in service by a taxpayer who is electric energy services, and</li> </ul>	
(ii) does not have a class life (determined without re	gard to subsection (e) ) of less than 16 years.
(B) Smart grid property. For the purposes of subparaelectronics and related equipment that is capable of-	graph (A) , the term "smart grid property" means
(i) sensing, collecting, and monitoring data of or from	n all portions of a utility's electric distribution grid,
(ii) providing real-time, two-way communications to	monitor or manage such grid, and
(iii) providing real time analysis of and event prediction improve electric distribution system reliability, quality	
(j) Property on Indian reservations.	
(1) In general.	
For purposes of subsection (a), the applicable recover shall be determined in accordance with the table contain in subsection (c).	
(2) Applicable recovery period for Indian reservation p	roperty.
For purposes of paragraph (1) -	
In the case of:	The applicable recovery period is:
3-year property	2 years
5-year property	3 years
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(iii) provides data to such supplier or provider so that the supplier or provider can provide energy usage information to customers electronically, and

7-year property 4 years
10-year property 6 years
15-year property 9 years
20-year property 12 years
Nonresidential real property 22 years

(3) Deduction allowed in computing minimum tax.

For purposes of determining alternative minimum taxable income under section 55, the deduction under subsection (a) for property to which paragraph (1) applies shall be determined under this section without regard to any adjustment under section 56.

(4) Qualified Indian reservation property defined.

For purposes of this subsection -

- (A) In general. The term "qualified Indian reservation property" means property which is property described in the table in paragraph (2) and which is-
- (i) used by the taxpayer predominantly in the active conduct of a trade or business within an Indian reservation,
- (ii) not used or located outside the Indian reservation on a regular basis,
- (iii) not acquired (directly or indirectly) by the taxpayer from a person who is related to the taxpayer (within the meaning of section 465(b)(3)(C)), and
- (iv) not property (or any portion thereof) placed in service for purposes of conducting or housing class I, II, or III gaming (as defined in section 4 of the Indian Regulatory Act (25 U.S.C. 2703)).
- (B) Exception for alternative depreciation property. The term "qualified Indian reservation property" does not include any property to which the alternative depreciation system under subsection (g) applies, determined-
- (i) without regard to subsection (g)(7) (relating to election to use alternative depreciation system), and
- (ii) after the application of section 280F(b) (relating to listed property with limited business use).
- (C) Special rule for reservation infrastructure investment.
- (i) In general. Subparagraph (A)(ii) shall not apply to qualified infrastructure property located outside of the Indian reservation if the purpose of such property is to connect with qualified infrastructure

property located within the Indian reservation.

- (ii) Qualified infrastructure property. For purposes of this subparagraph, the term "qualified infrastructure property" means qualified Indian reservation property (determined without regard to subparagraph (A)(ii)) which-
- (I) benefits the tribal infrastructure,
- (II) is available to the general public, and
- (III) is placed in service in connection with the taxpayer's active conduct of a trade or business within an Indian reservation.

Such term includes, but is not limited to, roads, power lines, water systems, railroad spurs, and communications facilities.

(5) Real estate rentals.

For purposes of this subsection, the rental to others of real property located within an Indian reservation shall be treated as the active conduct of a trade or business within an Indian reservation.

(6) Indian reservation defined.

For purposes of this subsection, the term "Indian reservation" means a reservation, as defined in-

- (A) section 3(d) of the Indian Financing Act of 1974 (25 U.S.C. 1452(d)), or
- (B) section 4(10) of the Indian Child Welfare Act of 1978 (25 U.S.C. 1903(10)).

For purposes of the preceding sentence, such section 3(d) shall be applied by treating the term "former Indian reservations in Oklahoma" as including only lands which are within the jurisdictional area of an Oklahoma Indian tribe (as determined by the Secretary of the Interior) and are recognized by such Secretary as eligible for trust land status under 25 CFR Part 151 (as in effect on the date of the enactment of this sentence).

(7) Coordination with nonrevenue laws.

Any reference in this subsection to a provision not contained in this title shall be treated for purposes of this subsection as a reference to such provision as in effect on the date of the enactment of this

paragraph.
(8) Election out.
If a taxpayer makes an election under this paragraph with respect to any class of property for any taxable year, this subsection shall not apply to all property in such class placed in service during such taxable year. Such election, once made, shall be irrevocable.
(9) Termination.
This subsection shall not apply to property placed in service after December 31, 2017.
(k) Special allowance for certain property.
(1) Additional allowance.
In the case of any qualified property-
(A) the depreciation deduction provided by section 167(a) for the taxable year in which such property is placed in service shall include an allowance equal to the applicable percentage of the adjusted basis of the qualified property, and
(B) the adjusted basis of the qualified property shall be reduced by the amount of such deduction before computing the amount otherwise allowable as a depreciation deduction under this chapter for such taxable year and any subsequent taxable year.
(2) Qualified property.
For purposes of this subsection -
(A) In general. The term "qualified property" means property-
(i)
(I) to which this section applies which has a recovery period of 20 years or less,
(II) which is computer software (as defined in section $167(f)(1)(B)$ ) for which a deduction is allowable under section $167(a)$ without regard to this subsection,
(III) which is water utility property, or

(IV) which is a qualified film or television production (as defined in subsection (d) of section 181) for

which a deduction would have been allowable under section 181 without regard to subsections (a)(2) and (g) of such section or this subsection, or

- (V) which is a qualified live theatrical production (as defined in subsection (e) of section 181) for which a deduction would have been allowable under section 181 without regard to subsections (a)(2) and (g) of such section or this subsection,
- (ii) the original use of which begins with the taxpayer or the acquisition of which by the taxpayer meets the requirements of clause (ii) of subparagraph (E), and
- (iii) which is placed in service by the taxpayer before January 1, 2027.
- (B) Certain property having longer production periods treated as qualified propety.
- (i) In general. The term "qualified property" includes any property if such property-
- (I) meets the requirements of clauses (i) and (ii) of subparagraph (A),
- (II) is placed in service by the taxpayer before January 1, 2028,
- (III) is acquired by the taxpayer (or acquired pursuant to a written contract entered into) before January 1, 2027,
- (IV) has a recovery period of at least 10 years or is transportation property,
- (V) is subject to section 263A, and
- (VI) meets the requirements of clause (iii) of section 263A(f)(1)(B) (determined as if such clause also applies to property which has a long useful life (within the meaning of section 263A(f))).
- (ii) Only pre-January 1, 2027 basis eligible for additional allowance. In the case of property which is qualified property solely by reason of clause (i), paragraph (1) shall apply only to the extent of the adjusted basis thereof attributable to manufacture, construction, or production before January 1, 2027.
- (iii) Transportation property. For purposes of this subparagraph, the term "transportation property"

means tangible personal property used in the trade or business of transporting persons or property.

- (iv) Application of subparagraph. This subparagraph shall not apply to any property which is described in subparagraph (C). (C) Certain aircraft. The term "qualified property" includes property-(i) which meets the requirements of subparagraph (A)(ii) and subclauses (II) and (III) of subparagraph (B)(i)(ii) which is an aircraft which is not a transportation property (as defined in subparagraph (B)(iii)) other than for agricultural or firefighting purposes, (iii) which is purchased and on which such purchaser, at the time of the contract for purchase, has made a nonrefundable deposit of the lesser of-(I) 10 percent of the cost, or (II) \$100,000, and (iv) which has-(I) an estimated production period exceeding 4 months, and (II) a cost exceeding \$200,000. (D) Exception for alternative depreciation property. The term "qualified property" shall not include any property to which the alternative depreciation system under subsection (g) applies, determined-(i) without regard to paragraph (7) of subsection (g) (relating to election to have system apply), and
- (E) Special rules.
- (i) Self-constructed property. In the case of a taxpayer manufacturing, constructing, or producing property for the taxpayer's own use, the requirements of subclause (III) of subparagraph (B)(i) shall be treated as met if the taxpayer begins manufacturing, constructing, or producing the property before

(ii) after application of section 280F(b) (relating to listed property with limited business use).

January 1, 2027.

- (ii) Acquisition requirements. An acquisition of property meets the requirements of this clause if-
- (I) such property was not used by the taxpayer at any time prior to such acquisition, and
- (II) the acquisition of such property meets the requirements of paragraphs (2)(A), (2)(B), (2)(C), and (3) of section 179(d).
- (iii) Syndication. For purposes of subparagraph (A)(ii), if-
- (I) property is used by a lessor of such property and such use is the lessor's first use of such property,
- (II) such property is sold by such lessor or any subsequent purchaser within 3 months after the date such property was originally placed in service (or, in the case of multiple units of property subject to the same lease, within 3 months after the date the final unit is placed in service, so long as the period between the time the first unit is placed in service and the time the last unit is placed in service does not exceed 12 months), and
- (III) the user of such property after the last sale during such 3-month period remains the same as when such property was originally placed in service,

such property shall be treated as originally placed in service not earlier than the date of such last sale.

- (F) Coordination with section 280F. For purposes of section 280F -
- (i) Automobiles. In the case of a passenger automobile (as defined in section 280F(d)(5)) which is qualified property, the Secretary shall increase the limitation under section 280F(a)(1)(A)(i) by \$8,000.
- (ii) Listed property. The deduction allowable under paragraph (1) shall be taken into account in computing any recapture amount under section 280F(b)(2).
- (iii) Phase down. In the case of a passenger automobile acquired by the taxpayer before September 28, 2017, and placed in service by the taxpayer after September 27, 2017, clause (i) shall be applied by substituting for "\$8,000"-
- (I) in the case of an automobile placed in service during 2018, \$6,400, and

(II) in the case of an automobile placed in service during 2019, \$4,800.
(G) Deduction allowed in computing minimum tax. For purposes of determining alternative minimum taxable income under section 55, the deduction under section 167 for qualified property shall be determined without regard to any adjustment under section 56.
(H) Production placed in service. For purposes of subparagraph (A) -
(i) a qualified film or television production shall be considered to be placed in service at the time of initial release or broadcast, and
(ii) a qualified live theatrical production shall be considered to be placed in service at the time of the initial live staged performance.
(3) Repealed
(4) Repealed
(5) Special rules for certain plants bearing fruits and nuts.
(A) In general. In the case of any specified plant which is planted before January 1, 2027, or is grafted before such date to a plant that has already been planted, by the taxpayer in the ordinary course of the taxpayer's farming business (as defined in section $263A(e)(4)$ ) during a taxable year for which the taxpayer has elected the application of this paragraph-
(i) a depreciation deduction equal to the applicable percentage of the adjusted basis of such specified plant shall be allowed under section 167(a) for the taxable year in which such specified plant is so planted or grafted, and
(ii) the adjusted basis of such specified plant shall be reduced by the amount of such deduction.
(B) Specified plant. For purposes of this paragraph , the term "specified plant" means-
(i) any tree or vine which bears fruits or nuts, and
(ii) any other plant which will have more than one yield of fruits or nuts and which generally has a pre-productive period of more than 2 years from the time of planting or grafting to the time at which

such plant begins bearing fruits or nuts.

Such term shall not include any property which is planted or grafted outside of the United States.

- (C) Election revocable only with consent. An election under this paragraph may be revoked only with the consent of the Secretary.
- (D) Additional depreciation may be claimed only once. If this paragraph applies to any specified plant, such specified plant shall not be treated as qualified property in the taxable year in which placed in service.
- (E) Deduction allowed in computing minimum tax. Rules similar to the rules of paragraph (2)(G) shall apply for purposes of this paragraph.
- (F) Repealed.
- (6) Applicable percentage.

For purposes of this subsection-

- (A) In general. Except as otherwise provided in this paragraph, the term 'applicable percentage' means-
- (i) in the case of property placed in service after September 27, 2017, and before January 1, 2023, 100 percent,
- (ii) in the case of property placed in service after December 31, 2022, and before January 1, 2024, 80 percent.
- (iii) in the case of property placed in service after December 31, 2023, and before January 1, 2025, 60 percent,
- (iv) in the case of property placed in service after December 31, 2024, and before January 1, 2026, 40 percent, and
- (v) in the case of property placed in service after December 31, 2025, and before January 1, 2027, 20 percent.

- (B) Rule for property with longer 20 production periods. In the case of property described in subparagraph (B) or (C) of paragraph (2), the term 'applicable percentage' means-
- (i) in the case of property placed in service after September 27, 2017, and before January 1, 2024, 100 percent,
- (ii) in the case of property placed in service after December 31, 2023, and before January 1, 2025, 80 percent,
- (iii) in the case of property placed in service after December 31, 2024, and before January 1, 2026, 60 percent,
- (iv) in the case of property placed in service after December 31, 2025, and before January 1, 2027, 40 percent, and
- (v) in the case of property placed in service after December 31, 2026, and before January 1, 2028, 20 percent.
- (C) Rule for plants bearing fruits and nuts. In the case of a specified plant described in paragraph (5), the term 'applicable percentage means-
- (i) in the case of a plant which is planted or grafted after September 27, 2017, and before January 1, 2023, 100 percent,
- (ii) in the case of a plant which is planted or grafted after December 31, 2022, and before January 1, 2024, 80 percent,
- (iii) in the case of a plant which is planted or grafted after December 31, 2023, and before January 1, 2025, 60 percent,
- (iv) in the case of a plant which is planted or grafted after December 31, 2024, and before January 1, 2026, 40 percent, and
- (v) in the case of a plant which is planted or grafted after December 31, 2025, and before January 1, 2027, 20 percent.

### (7) Election out.

If a taxpayer makes an election under this paragraph with respect to any class of property for any taxable year, paragraphs (1) and (2)(F) shall not apply to any qualified property in such class placed in service during such taxable year. An election under this paragraph may be revoked only with the consent of the Secretary.

#### (8) Phase down.

In the case of qualified property acquired by the taxpayer before September 28, 2017, and placed in service by the taxpayer after September 27, 2017, paragraph (6) shall be applied by substituting for each percentage therein-

- (A) "50 percent" in the case of-
- (i) property placed in service before January 1, 2018, and
- (ii) property described in subparagraph (B) or (C) of paragraph (2) which is placed in service in 2018,
- (B) "40 percent" in the case of-
- (i) property placed in service in 2018 (other than property described in subparagraph (B) or (C) of paragraph (2)), and
- (ii) property described in subparagraph (B) or (C) of paragraph (2) which is placed in service in 2019,
- (C) '30 percent' in the case of-
- (i) property placed in service in 2019 (other than property described in subparagraph (B) or (C) of paragraph (2)), and
- (ii) property described in subparagraph (B) or (C) of paragraph (2) which is placed in service in 2020, and
- (D) "0 percent" in the case of-
- (i) property placed in service after 2019 (other than property described in subparagraph (B) or (C) of paragraph (2)), and
- (ii) property described in subparagraph (B) or (C) of paragraph (2) which is placed in service after 2020.

(9) Exception for certain property.

The term "qualified property" shall not include-

- (A) any property which is primarily used in a trade or business described in clause (iv) of section 163(j)(7)(A), or
- (B) any property used in a trade or business that has had floor plan financing indebtedness (as defined in paragraph (9) of section 163(j)), if the floor plan financing interest related to such indebtedness was taken into account under paragraph (1)(C) of such section.
- (10) Special rule for property placed in service during certain periods.
- (A) In general. In the case of qualified property placed in service by the taxpayer during the first taxable year ending after September 27, 2017, if the taxpayer elects to have this paragraph apply for such taxable year, paragraphs (1)(A) and (5)(A)(i) shall be applied by substituting "50 percent" for "the applicable percentage".
- (B) Form of election. Any election under this paragraph shall be made at such time and in such form and manner as the Secretary may prescribe.
- (I) Special allowance for second generation biofuel plant property.
- (1) Additional allowance.

In the case of any qualified second generation biofuel plant property-

- (A) the depreciation deduction provided by section 167(a) for the taxable year in which such property is placed in service shall include an allowance equal to 50 percent of the adjusted basis of such property, and
- (B) the adjusted basis of such property shall be reduced by the amount of such deduction before computing the amount otherwise allowable as a depreciation deduction under this chapter for such taxable year and any subsequent taxable year.
- (2) Qualified second generation biofuel plant property.

The term "qualified second generation biofuel plant property" means property of a character subject to the allowance for depreciation-

(A) which is used in the United States solely to produce second generation biofuel (as defined in section 40(b)(6)(E)),

(B) the orig	jinal use of which	n commences with	n the taxpayer	after the date of	the enactment of	this
subsection,						

(C) which is acquired by the taxpayer by purchase (as defined in section 179(d)) after the date of the enactment of this subsection, but only if no written binding contract for the acquisition was in effect on

(D) which is placed in service by the taxpayer before January 1, 2018.

or before the date of the enactment of this subsection, and

- (3) Exceptions.
- (A) Bonus depreciation property under subsection (k). Such term shall not include any property to which subsection (k) applies.
- (B) Alternative depreciation property. Such term shall not include any property described in subsection (k)(2)(D).
- (C) Tax-exempt bond-financed property. Such term shall not include any property any portion of which is financed with the proceeds of any obligation the interest on which is exempt from tax under section 103.
- (D) Election out. If a taxpayer makes an election under this subparagraph with respect to any class of property for any taxable year, this subsection shall not apply to all property in such class placed in service during such taxable year.
- (4) Special rules.

For purposes of this subsection, rules similar to the rules of subsection (k)(2)(E) shall apply.

(5) Allowance against alternative minimum tax.

For purposes of this subsection, rules similar to the rules of subsection (k)(2)(G) shall apply.

(6) Recapture.

For purposes of this subsection, rules similar to the rules under section 179(d)(10) shall apply with respect to any qualified second generation biofuel plant property which ceases to be qualified second

generation biofuel plant property.
(7) Denial of double benefit.
Paragraph (1) shall not apply to any qualified second generation biofuel plant property with respect to which an election has been made under section 179C (relating to election to expense certain refineries).
(m) Special allowance for certain reuse and recycling property.
(1) In general.
In the case of any qualified reuse and recycling property-
(A) the depreciation deduction provided by section 167(a) for the taxable year in which such property is placed in service shall include an allowance equal to 50 percent of the adjusted basis of the qualified reuse and recycling property, and
(B) the adjusted basis of the qualified reuse and recycling property shall be reduced by the amount of such deduction before computing the amount otherwise allowable as a depreciation deduction under this chapter for such taxable year and any subsequent taxable year.
(2) Qualified reuse and recycling property.
For purposes of this subsection -
(A) In general. The term "qualified reuse and recycling property" means any reuse and recycling property-
(i) to which this section applies,
(ii) which has a useful life of at least 5 years,
(iii) the original use of which commences with the taxpayer after August 31, 2008, and
(iv) which is-
(I) acquired by purchase (as defined in section 179(d)(2)) by the taxpayer after August 31, 2008, but only if no written binding contract for the acquisition was in effect before September 1, 2008, or

(II) acquired by the taxpayer pursuant to a written binding contract which was entered into after August 31, 2008.

- (B) Exceptions.
- (i) Bonus depreciation property under subsection (k). The term "qualified reuse and recycling property" shall not include any property to which subsection (k) (determined without regard to paragraph (4) thereof) applies.
- (ii) Alternative depreciation property. The term "qualified reuse and recycling property" shall not include any property to which the alternative depreciation system under subsection (g) applies, determined without regard to paragraph (7) of subsection (g) (relating to election to have system apply).
- (iii) Election out. If a taxpayer makes an election under this clause with respect to any class of property for any taxable year, this subsection shall not apply to all property in such class placed in service during such taxable year.
- (C) Special rule for self-constructed property. In the case of a taxpayer manufacturing, constructing, or producing property for the taxpayer's own use, the requirements of clause (iv) of subparagraph (A) shall be treated as met if the taxpayer begins manufacturing, constructing, or producing the property after August 31, 2008.
- (D) Deduction allowed in computing minimum tax. For purposes of determining alternative minimum taxable income under section 55, the deduction under subsection (a) for qualified reuse and recycling property shall be determined under this section without regard to any adjustment under section 56.
- (3) Definitions.

For purposes of this subsection -

- (A) Reuse and recycling property.
- (i) In general. The term "reuse and recycling property" means any machinery and equipment (not including buildings or real estate), along with all appurtenances thereto, including software necessary to operate such equipment, which is used exclusively to collect, distribute, or recycle qualified reuse and recyclable materials.
- (ii) Exclusion. Such term does not include rolling stock or other equipment used to transport reuse and recyclable materials.
- (B) Qualified reuse and recyclable materials.
- (i) In general. The term "qualified reuse and recyclable materials" means scrap plastic, scrap glass,

scrap textiles, scrap rubber, scrap packaging, recovered fiber, scrap ferrous and nonferrous metals, or electronic scrap generated by an individual or business.

- (ii) Electronic scrap. For purposes of clause (i), the term "electronic scrap" means-
- (I) any cathode ray tube, flat panel screen, or similar video display device with a screen size greater than 4 inches measured diagonally, or
- (II) any central processing unit.
- (C) Recycling or recycle. The term "recycling" or "recycle" means that process (including sorting) by which worn or superfluous materials are manufactured or processed into specification grade commodities that are suitable for use as a replacement or substitute for virgin materials in manufacturing tangible consumer and commercial products, including packaging.
- (n) Special allowance for qualified disaster assistance property.
- (1) In general.

In the case of any qualified disaster assistance property-

- (A) the depreciation deduction provided by section 167(a) for the taxable year in which such property is placed in service shall include an allowance equal to 50 percent of the adjusted basis of the qualified disaster assistance property, and
- (B) the adjusted basis of the qualified disaster assistance property shall be reduced by the amount of such deduction before computing the amount otherwise allowable as a depreciation deduction under this chapter for such taxable year and any subsequent taxable year.
- (2) Qualified disaster assistance property.

For purposes of this subsection -

- (A) In general. The term "qualified disaster assistance property" means any property-
- (i)
- (I) which is described in subsection (k)(2)(A)(i), or
- (II) which is nonresidential real property or residential rental property.
- (ii) substantially all of the use of which is-

(I) in a disaster area with respect to a federally declared disaster occurring before January 1, 2010, and
(II) in the active conduct of a trade or business by the taxpayer in such disaster area,
(iii) which-
(I) rehabilitates property damaged, or replaces property destroyed or condemned, as a result of such federally declared disaster, except that, for purposes of this clause, property shall be treated as replacing property destroyed or condemned if, as part of an integrated plan, such property replaces property which is included in a continuous area which includes real property destroyed or condemned, and
(II) is similar in nature to, and located in the same county as, the property being rehabilitated or replaced,
(iv) the original use of which in such disaster area commences with an eligible taxpayer on or after the applicable disaster date,
(v) which is acquired by such eligible taxpayer by purchase (as defined in section 179(d) ) on or after the applicable disaster date, but only if no written binding contract for the acquisition was in effect before such date, and
(vi) which is placed in service by such eligible taxpayer on or before the date which is the last day of the third calendar year following the applicable disaster date (the fourth calendar year in the case of nonresidential real property and residential rental property).
B) Exceptions.
(i) Other bonus depreciation property. The term "qualified disaster assistance property" shall not include-
(I) any property to which subsection (k) (determined without regard to paragraph (4)), (l), or (m) applies,
(II) any property to which section 1400N(d) applies, and
(III) any property described in section 1400N(p)(3).

- (ii) Alternative depreciation property. The term "qualified disaster assistance property" shall not include any property to which the alternative depreciation system under subsection (g) applies, determined without regard to paragraph (7) of subsection (g) (relating to election to have system apply).
- (iii) Tax-exempt bond financed property. Such term shall not include any property any portion of which is financed with the proceeds of any obligation the interest on which is exempt from tax under section 103.
- (iv) Qualified revitalization buildings. Such term shall not include any qualified revitalization building with respect to which the taxpayer has elected the application of paragraph (1) or (2) of section 1400l(a).
- (v) Election out. If a taxpayer makes an election under this clause with respect to any class of property for any taxable year, this subsection shall not apply to all property in such class placed in service during such taxable year.
- (C) Special rules. For purposes of this subsection, rules similar to the rules of subparagraph (E) of subsection (k)(2) shall apply, except that such subparagraph shall be applied-
- (i) by substituting "the applicable disaster date" for "December 31, 2007" each place it appears therein.
- (ii) without regard to "and before January 1, 2015" in clause (i) thereof, and
- (iii) by substituting "qualified disaster assistance property" for "qualified property" in clause (iv) thereof.
- (D) Allowance against alternative minimum tax. For purposes of this subsection, rules similar to the rules of subsection (k)(2)(G) shall apply.
- (3) Other definitions.

For purposes of this subsection -

(A) Applicable disaster date. The term "applicable disaster date" means, with respect to any federally declared disaster, the date on which such federally declared disaster occurs.

- (B) Federally declared disaster. The term "federally declared disaster" has the meaning given such term under section 165(h)(3)(C)(i).
- (C) Disaster area. The term "disaster area" has the meaning given such term under section 165(h)(3)(C)(ii).
- (D) Eligible taxpayer. The term "eligible taxpayer" means a taxpayer who has suffered an economic loss attributable to a federally declared disaster.
- (4) Recapture.

For purposes of this subsection, rules similar to the rules under section 179(d)(10) shall apply with respect to any qualified disaster assistance property which ceases to be qualified disaster assistance property.

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# COMMONWEALTH OF KENTUCKY OFFICE OF THE ATTORNEY GENERAL

JACK CONWAY ATTORNEY GENERAL 1024 CAPITAL CENTER DRIVE SUITE 200 FRANKFORT, KENTUCKY 40601

December 12, 2014

## Via electronic mail

Hon. Jeff DeRouen Executive Director Public Service Commission 211 Sower Blvd. Frankfort, KY 40601

RE: Atmos Energy Corporation, Case No. 2013-00148

Dear Mr. DeRouen:

At the request of staff for the Commission and in response to Atmos Energy Corporation's ("Atmos") request for approval of its draft request to the Internal Revenue Service ("IRS") for a Private Letter Ruling ("PLR") on the issue of net operating loss carry-forward ("NOLC"), the Attorney General files the following comments to the draft. Moreover, the Attorney General files this in reply to Atmos' letter of counsel dated December 12, 2014.

As quoted in Atmos' November 7, 2014 cover letter to the Commission, the Final Order in Case No. 2013-00148 requested "a more definitive assessment of [the] issue" regarding NOLC, which was addressed by the Attorney General's expert witness, Bion Ostrander, during the case proceedings. While the Commission did not adopt Mr. Ostrander's proposal, it did order Atmos to request a PLR that would eliminate the ambiguity in the regulations. The draft proposed does not eliminate the ambiguity, but rather requests that the IRS answer two (2) unnecessarily specific questions, which may be summarized as confirmation that there is enough ambiguity in the law to permit Atmos to treat NOLC the way it chose to treat it. As such, the letter as currently drafted does not comport with the Commission's Order.

Rather, the question that should be presented is whether other options for treating the NOLC are reasonable and may be required by the Commission. In other words, the question presented should ask the broader question of whether the IRS requires a specific method to be used. At pages 23 to 29 of the draft letter, Atmos discusses the three (3) options or methodologies: (1) the "last dollars deducted method" (also known as the "with or without" method), (2) the "first dollars deducted" method, and (3) a ratable allocation. However, the rulings requested at page 9 of the draft only ask whether a computation on a "last dollars deducted" method is allowable. The Attorney General posits that the IRS has not cited a specific method, therefore the ratable allocation, for example, is an option that Atmos could utilize were the Commission to direct it to do so. At a minimum, the rulings requested on page 9

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ATTACHMENT 2
RECOMMON PORTING AND AUTOMATION 11
Case No. 2013-00148
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Exhibit JKS-R-1 Page 2 of 2

of the letter draft should more broadly address all approaches available to the IRS, including but not limited to "the ratable allocation method (and other allocation approaches available to the Service)."

The Attorney General requests that the Commission direct Atmos to consult its tax counsel and draft the letter and the PLR request in a manner that definitively addresses whether Atmos may legally adopt any of the methods referenced and still comply with the requirements of the Internal Revenue Code and Treasury Regulations.

Tendered by:

[Knuft Black plans]

Jennifer Black Hans Executive Director

And

Gregory T. Dutton Assistant Attorney General

Cc: Hon. John N. Hughes

Mark Martin Richard Raff Virginia Gregg

# JOHN N. HUGHES

Attorney at Law **Professional Service Corporation** 124 West Todd Street Frankfort, Kentucky 40601

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પાસીનું ફોર્માન વાર્ષા કરવા હતો છે. અને અંતર્માણની ઉપયોગ

મહોલાનું તેને પ્રોત્સ મિલ્લુક માટે પહેલી છે. તે તેને પુત્રિક પ્રાપ્ત મહાન છે. તે

Making panggalang kiloper Maka se angga sesit sitem a

Email: jnhughes@fewpb.net

December 12, 2014

Mr. Jeff Derouen Executive Director Public Service Commission 211 Sower Blvd. Frankfort, KY 40601

Re: Atmos Energy Corporation Case No. 2103-00148

Dear Mr. Derouen:

The Attorney General's email of yesterday related to the Private Letter Ruling (PLR) request of Atmos Energy contains nothing substantive to support its beliefs that the letter is improperly or inadequately drafted. Citing no legal authority or other basis for its contentions, the Attorney General seeks to become a participant in the drafting of the PLR. The Internal Revenue Service (IRS) revenue procedures cited in the November 7, 2014 letter to the Commission from Atmos Energy provide the only procedures for the submission of the PLR. This letter is not a joint or collaborative venture. The request for a ruling, its tone, tenor and substance is exclusively the province of the taxpayer. The opportunity for the AG to comment is specified in the IRS revenue procedures — a letter submitted to the JRS after the PLR has been submitted. The AG has no allowable participation in the drafting, review or submission of the PLR. The role of the Commission is also specified: an acknowledgement that the letter is adequate and complete. That role does not provide an opportunity for the Commission to be a co-author of the letter or to specify the terms of the letter. Even if there is disagreement about the content of the letter, Atmos as the taxpayer has the ultimate responsibility for its content. Given the explicit procedural requirements of the PLR process, the Attorney General's beliefs and opinions on the method of drafting the letter, submission of comments to the Commission and content of the letter are unsupported and unsupportable.

The PLR comports with the Commission's directive in the final order – it seeks a definitive ruling on whether not including net operating loss carryforward (NOLC) would be a normalization violation. Atmos Energy has included a request for determination of the appropriate allocation methodology as well. The PLR mentions all allocation methods and

discusses the merits of them beginning on page 24. It also addresses pitfalls with the ratable allocation approach specifically. (See pages 25-26). The PLR asks for the IRS's conclusion that the "with and without" methodology is the preferable and permissible methodology. Contrary to the AG's assertion, Atmos Energy has not neglected a proper discussion of other methodologies of the appropriate allocation.

Finally, the AG seems to suggest that the request be reworked to allow the IRS to opine that many options are available. Atmos Energy believes that a request crafted as such would not be received favorably by the IRS. Taxpayer ruling requests by definition are to be narrowly crafted and request a specific ruling, not a menu of options. Ruling requests that are broad, offer choices or do not reach a conclusion take longer to complete and can be at risk for getting an inconclusive or ambiguous outcome.

A meeting to discuss these issues is unnecessary and inappropriate. It would only impede the orderly process mandated by the IRS revenue procedures. The AG has no legal basis or authority to deviate from or to modify the Commission's role in the PLR process. Atmos is not opposed to comments by the AG, but those comments should be submitted in accord with the IRS procedures. Even if the AG were to provide the Commission with comments, those comments would not be incorporated into the PLR request. While those comments may inform the Commission of the AG's stance on the letter, they will have no direct impact on the substance of the letter itself. The drafting of the PLR is not a negotiated, mutually agreed to process.

If the Commission determines that it is unable to acknowledge the completeness of the letter as a result of the AG's comments, Atmos would still be obligated to submit the PLR to the IRS pursuant to the final order in this case. The effect of that action likely would result in a conference with the IRS to verify that Atmos has meet the procedural requirements related to the Commission's participation in the process. For these reasons, Atmos Energy submits that the Commission should acknowledge the PLR for adequacy and completeness. Upon submission of the letter to the IRS, the Attorney General will have the ability to submit comments commensurate with the terms of the IRS revenue procedures.

## Submitted By:

Halifi bil mill fillebar je da njërjejanë pjetët i gjar sin sjenat same

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November 7, 2014

RECEIVED

Mr. Jeff Derouen Executive Director Public Service Commission 211 Sower Blvd. Frankfort, KY 40601

NOV 07 2014
PUBLIC SERVICE
COMMISSION

Re: Atmos Energy Corporation

Dear Mr. Derouen:

In its Order dated April 22, 2014 in Case No. 2013-00148, the Commission directed Atmos Energy Corporation (Atmos Energy) to submit a request to the Internal Revenue Service (IRS) for a Private Letter Ruling (PLR) on the issue of Net Operating Loss Carry-forward (NOLC). Specifically, the Commission stated:

Although we are rejecting the AG's proposal, the aforementioned ambiguity in the regulations and the significantly different interpretations of those regulations by the AG and Atmos-Ky. cause the Commission to conclude that it would be beneficial to have a more definitive assessment of this issue. Therefore, we find that Atmos-Ky. should seek a private-letter ruling from the IRS with the intent that such ruling be filed with the application in Atmos-Ky.'s next general rate case. (Order of April 22, 2014, Case No. 2013-00148, p. 7)

To comply with that directive, Atmos Energy has in consultation with its outside tax attorneys prepared a draft letter seeking a ruling on the regulatory implications of including NOLC in rate base. The letter sets forth the factual and legal issues to be resolved and requests a ruling on the specific issues raised. A copy of the letter is attached.

The IRS regulation for submitting a request for a PLR of this nature requires the Commission to review the letter and to acknowledge that the request is adequate and complete:

Excerpt from Rev. Proc. 2014-1, Appendix E, Section .01:

Rate orders; regulatory agency; normalization A letter ruling request that involves a question of whether a rate order that is proposed or Issued by a regulatory agency will meet the normalization requirements of § 168(f)(2) (pre-Tax Reform Act of 1986, § 168(e)(3)) and former §§ 46(f) and 167(l) ordinarily will not be considered unless the taxpayer states in the letter ruling request whether—

- (1) the regulatory authority responsible for establishing or approving the taxpayer's rates has reviewed the request and believes that the request is adequate and complete; and
- (2) the taxpayer will permit the regulatory authority to participate in any Associate office conference concerning the request. If the taxpayer or the regulatory authority informs a consumer advocate of the request for a letter ruling and the advocate wishes to communicate with the Service regarding the request, any such communication should be sent to: Internal Revenue Service, Associate Chief Counsel (Procedure and Administration), Attn: CC:PA:LPD:DRU, P.O. Box 7604, Ben Franklin Station, Washington, DC 20044 (or, if a private delivery service is used: Internal Revenue Service, Associate Chief Counsel (Procedure and Administration), Attn: CC:PA:LPD:DRU, Room 5336, 1111 Constitution Ave., NW, Washington, DC 20224). These communications will be treated as third party contacts for purposes of § 6110.

Atmos Energy's submission of the proposed PLR to the Commission is for the purpose of complying with the regulation. After the Commission has reviewed the letter, representatives of Atmos Energy will be available to meet with the Commissioners and staff to respond to any questions about the substance of the letter or the filing procedures.

Once there is an agreement among Atmos Energy and the Commission regarding the adequateness and completeness of the PLR request, the Commission must acknowledge its review of and concurrence with the letter. To assist the Commission with the preparation of that acknowledgement, a draft letter is attached. The content of the letter conforms to the typical form and substance of similar letters from regulatory agencies. A copy of that letter will be submitted to the IRS with the PLR request.

As the regulation cited above states, if a consumer advocate - In this case the Attorney General's Office of Rate Intervention - is notified of the PLR request, it may submit comments directly to the IRS after the PLR request has been submitted to the IRS. Atmos Energy intends to provide a copy of the PLR request to the Attorney General after it is filed with the IRS as the regulation provides.

Atmos Energy anticipates that the IRS will take between four and six months to issue a ruling. It would like to submit the PLR request no later than December 15, 2014. To meet that objective, Atmos Energy would like to conclude its discussions with the Commission prior to that date.

Should you have any questions or if you would like to schedule a conference with Atmos Energy representatives to discuss these issues, please contact me.

## Submitted By:

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And

John N. Hughes / 124 West Todd St. Frankfort, KY 40601 Phone: 502 227 7270 Jnhughes@fewpb.net

Attorneys for Atmos Energy Corporation

Department of the Treasury Internal Revenue Service Private Letter Ruling

# PLR 201534001 - Section 167 - Depreciation

Internal Revenue Service Department of the Treasury Washington, DC 20224

Number: 201534001 Release Date: 8/21/2015 Index Number: 167.22-01

Third Party Communication: None Date of Communication: Not Applicable

Person To Contact: Telephone Number:

Refer Reply To:

CC:PSI:B06 PLR-103300-15

Date:

May 13, 2015

LEGEND:

Taxpayer =

State A =

State B ≃

State C =

Commission =

Year A =

Year B =

Date A =

Date B =

Date C =

Date D =

Case =

Director =

Dear [redacted data]:

This letter responds to the request, dated January 9, 2015, submitted on behalf of Taxpayer for a ruling on the application of the normalization rules of the Internal Revenue Code to certain accounting and regulatory procedures, described below.

The representations set out in your letter follow.

Taxpayer is the common parent of an affiliated group of corporations and is incorporated under the laws of State A and State B. Taxpayer is engaged primarily in the businesses of regulated natural gas distribution, regulated natural gas transmission, and regulated natural gas storage. Taxpayer's regulated natural gas distribution business delivers gas to customers in several states, including State A. Taxpayer is subject to, as relevant for this ruling, the regulatory jurisdiction of Commission with respect to terms and conditions of service and as to the rates it may charge for the provision of its gas distribution service in State A. Taxpayer's rates are established on a "rate of return" basis.

Taxpayer filed a rate case application on Date A (Case). In its filing, Taxpayer's application was based on a fully



forecasted test period consisting of the twelve months ending on Date B. Taxpayer updated, amended, and supplemented its data several times during the course of the proceedings. In a final order dated Date C, rates were approved by Commission for service rendered on or after Date D.

In each year from Year A to Year B, Taxpayer incurred a net operating loss carryforward (NOLC). In each of these years, Taxpayer claimed accelerated depreciation, including "bonus depreciation" on its tax returns to the extent that such depreciation was available. On its regulatory books of account, Taxpayer "normalizes" the differences between regulatory depreciation and tax depreciation. This means that, where accelerated depreciation reduces taxable income, the taxes that a taxpayer would have paid if regulatory depreciation (instead of accelerated tax depreciation) were claimed constitute "cost-free capital" to the taxpayer. A taxpayer that normalizes these differences, like Taxpayer, maintains a reserve account showing the amount of tax liability that is deferred as a result of the accelerated depreciation. This reserve is the accumulated deferred income tax (ADIT) account. Taxpayer maintains an ADIT account. In addition, Taxpayer maintains an offsetting series of entries - a "deferred tax asset" and a "deferred tax expense" - that reflect that portion of those 'tax losses' which, while due to accelerated depreciation, did not actually defer tax because of the existence of an NOLC.

In the setting of utility rates in State C, a utility's rate base is offset by its ADIT balance. In its rate case filing and throughout the proceeding, Taxpayer maintained that the ADIT balance should be reduced by the amounts that Taxpayer calculates did not actually defer tax due to the presence of the NOLC, as represented in the deferred tax asset account. Thus, Taxpayer argued that the rate base should be reduced by its federal ADIT balance net of the deferred tax asset account attributable to the federal NOLC. It also asserted that the failure to reduce its rate base offset by the deferred tax asset attributable to the federal NOLC would be inconsistent with the normalization rules. The attorney general for State C argued against Taxpayer's proposed calculation of ADIT.

Commission, in its final order, agreed with Taxpayer but concluded that the ambiguity in the relevant normalization regulations warranted an assessment of the issue by the IRS and this ruling request followed.

Taxpayer requests that we rule as follows:

- 1. Under the circumstances described above, the reduction of Taxpayer's rate base by the full amount of its ADIT account balance unreduced by the balance of its NOLC-related account balance would be inconsistent with (and, hence, violative of) the requirements of § 168(i)(9) and § 1.167(I)-1 of the Income Tax regulations.
- 2. For purposes of Ruling 1 above, the use of a balance of Taxpayer's NOLC-related account that is less than the amount attributable to accelerated depreciation computed on a "last dollars deducted" basis would be inconsistent with (and, hence, violative of) the requirements of § 168(i)(9) and § 1.167(i)-1 of the Income Tax regulations.

Law and Analysis

Section 168(f)(2) of the Code provides that the depreciation deduction determined under section 168 shall not apply to any public utility property (within the meaning of section 168(i)(10)) if the taxpayer does not use a normalization method of accounting.

In order to use a normalization method of accounting, section 168(i)(9)(A)(i) of the Code requires the taxpayer, in computing its tax expense for establishing its cost of service for ratemaking purposes and reflecting operating results in its regulated books of account, to use a method of depreciation with respect to public utility property that is the same as, and a depreciation period for such property that is not shorter than, the method and period used to compute its depreciation expense for such purposes. Under section 168(i)(9)(A)(ii), if the amount allowable as a deduction under section 168 differs from the amount that-would be allowable as a deduction under section 167 using the method, period, first and last year convention, and salvage value used to compute regulated tax expense under section 168(i)(9)(A)(i), the taxpayer must make adjustments to a reserve to reflect the deferral of taxes resulting from such difference.

Section 168(i)(9)(B)(i) of the Code provides that one way the requirements of section 168(i)(9)(A) will not be satisfied is if the taxpayer, for ratemaking purposes, uses a procedure or adjustment which is inconsistent with such requirements. Under section 168(i)(9)(B)(ii), such inconsistent procedures and adjustments include the use of an estimate or projection of the taxpayer's tax expense, depreciation expense, or reserve for deferred taxes under section 168(i)(9)(A)(ii), unless such estimate or projection is also used, for ratemaking purposes, with respect to all three of these items and with respect to the rate base.



Former section 167(I) of the Code generally provided that public utilities were entitled to use accelerated methods for depreciation if they used a "normalization method of accounting." A normalization method of accounting was defined in former section 167(I)(3)(G) in a manner consistent with that found in section 168(i)(9)(A). Section 1.167(I)-1(a)(1) of the Income Tax Regulations provides that the normalization requirements for public utility property pertain only to the deferral of federal income tax liability resulting from the use of an accelerated method of depreciation for computing the allowance for depreciation under section 167 and the use of straight-line depreciation for computing tax expense and depreciation expense for purposes of establishing cost of services and for reflecting operating results in regulated books of account. These regulations do not pertain to other book-tax timing differences with respect to state income taxes, F.I.C.A. taxes, construction costs, or any other taxes and items.

Section 1.167(I)-1(h)(1)(i) provides that the reserve established for public utility property should reflect the total amount of the deferral of federal income tax liability resulting from the taxpayer's use of different depreciation methods for tax and ratemaking purposes.

Section 1.167(I)-1(h)(1)(iii) provides that the amount of federal income tax liability deferred as a result of the use of different depreciation methods for tax and ratemaking purposes is the excess (computed without regard to credits) of the amount the tax liability would have been had the depreciation method for ratemaking purposes been used over the amount of the actual tax liability. This amount shall be taken into account for the taxable year in which the different methods of depreciation are used. If, however, in respect of any taxable year the use of a method of depreciation other than a subsection (1) method for purposes of determining the taxpayer's reasonable allowance under section 167(a) re sults in a net operating loss carryover to a year succeeding such taxable year which would not have arisen (or an increase in such carryover which would not have arisen) had the taxpayer determined his reasonable allowance under section 167(a) using a subsection (1) method, then the amount and time of the deferral of tax liability shall be taken into account in such appropriate time and manner as is satisfactory to the district director.

Section 1.167(I)-1(h)(2)(i) provides that the taxpayer must credit this amount of deferred taxes to a reserve for deferred taxes, a depreciation reserve, or other reserve account. This regulation further provides that, with respect to any account, the aggregate amount allocable to deferred tax under section 167(1) shall not be reduced except to reflect the amount for any taxable year by which Federal income taxes are greater by reason of the prior use of different methods of depreciation. That section also notes that the aggregate amount allocable to deferred taxes may be reduced to reflect the amount for any taxable year by which federal income taxes are greater by reason of the prior use of different methods of depreciation under section 1.167(I)-1(h)(1)(I) or to reflect asset retirements or the expiration of the period for depreciation used for determining the allowance for depreciation under section 167(a).

Section 1.167(I)-1(h)(6)(i) provides that, notwithstanding the provisions of subparagraph (1) of that paragraph, a taxpayer does not use a normalization method of regulated accounting if, for ratemaking purposes, the amount of the reserve for deferred taxes under section 167(I) which is excluded from the base to which the taxpayer's rate of return is applied, or which is treated as no-cost capital in those rate cases in which the rate of return is based upon the cost of capital, exceeds the amount of such reserve for deferred taxes for the period used in determining the taxpayer's expense in computing cost of service in such ratemaking.

Section 1.167(I)-1(h)(6)(ii) provides that, for the purpose of determining the maximum amount of the reserve to be excluded from the rate base (or to be included as no-cost capital) under subdivision (I), above, if solely an historical period is used to determine depreciation for Federal income tax expense for ratemaking purposes, then the amount of the reserve account for that period is the amount of the reserve (determined under section 1.167(I)-1(h)(2)(I)) at the end of the historical period. If such determination is made by reference both to an historical portion and to a future portion of a period, the amount of the reserve account for the period is the amount of the reserve at the end of the historical portion of the period and a pro rate portion of the amount of any projected increase to be credited or decrease to be charged to the account during the future portion of the period.

Section 1.167(I)-1(h) requires that a utility must maintain a reserve reflecting the total amount of the deferral of federal income tax liability resulting from the taxpayer's use of different depreciation methods for tax and ratemaking purposes. Taxpayer has done so. Section 1.167(I)-1(h)(6)(i) provides that a taxpayer does not use a normalization method of regulated accounting if, for ratemaking purposes, the amount of the reserve for deferred taxes which is excluded from the base to which the taxpayer's rate of return is applied, or which is treated as no-cost capital in those rate cases in which the rate of return is based upon the cost of capital, exceeds the amount of such reserve for deferred taxes for the period used in determining the taxpayer's expense in computing cost of service in such ratemaking. Section 56(a)(1)(D) provides that, with respect to public utility property the Secretary shall prescribe the requirements of a normalization method of accounting for that section.

Regarding the first issue, § 1.167(l)-1(h)(6)(i) provides that a taxpayer does not use a normalization method of regulated accounting if, for ratemaking purposes, the amount of the reserve for deferred taxes which is excluded from the base to which the taxpayer's rate of return is applied, or which is treated as no-cost capital in those rate cases in which the rate of return is based upon the cost of capital, exceeds the amount of such reserve for deferred taxes for the period used in determining the taxpayer's expense in computing cost of service in such ratemaking. Because the ADIT account, the reserve account for deferred taxes, reduces rate base, it is clear that the portion of an NOLC that is attributable to accelerated depreciation must be taken into account in calculating the amount of the reserve for deferred taxes (ADIT). Thus, to reduce Taxpayer's rate base by the full amount of its ADIT account balance unreduced by the balance of its NOLC-related account balance would be inconsistent with the requirements of § 168(i)(9) and § 1.167(l)-1.

Regarding the second issue, § 1.167(I)-1(h)(1)(iii) makes clear that the effects of an NOLC must be taken into account for normalization purposes. Section 1.167(I)-1(h)(1)(iii) provides generally that, if, in respect of any year, the use of other than regulatory depreciation for tax purposes results in an NOLC carryover (or an increase in an NOLC which would not have arisen had the taxpayer claimed only regulatory depreciation for tax purposes), then the amount and time of the deferral of tax liability shall be taken into account in such appropriate time and manner as is satisfactory to the district director. While that section provides no specific mandate on methods, it does provide that the Service has discretion to determine whether a particular method satisfies the normalization requirements. The "last dollars deducted" methodology employed by Taxpayer ensures that the portion of the NOLC attributable to accelerated depreciation is correctly taken into account by maximizing the amount of the NOLC attributable to accelerated depreciation. This methodology provides certainty and prevents the possibility of "flow through" of the benefits of accelerated depreciation to ratepayers. Under these specific facts, any method other than the "last dollars deducted" method would not provide the same level of certainty and therefore the use of any other methodology is inconsistent with the normalization rules.

This ruling is based on the representations submitted by Taxpayer and is only valid if those representations are accurate. The accuracy of these representations is subject to verification on audit.

Except as specifically determined above, no opinion is expressed or implied concerning the Federal income tax consequences of the matters described above.

This ruling is directed only to the taxpayer who requested it. Section 6110(k)(3) of the Code provides it may not be used or cited as precedent. In accordance with the power of attorney on file with this office, a copy of this letter is being sent to your authorized representative. We are also sending a copy of this letter ruling to the Director.

Sincerely,

Peter C. Friedman Senior Technician Reviewer, Branch 6 Office of the Associate Chief Counsel (Passthroughs & Special Industries)