

Allen Anderson, President & CEO

May 3, 2016

925-929 North Main Street Post Office Box 910 Somerset , KY 42502-0910 Telephone 606-678-4121 Toll Free 800-264-5112 Fax 606-679-8279 www.skrecc.com



MANAYO 0 6 2016

Mr. Aaron Greenwell, Acting Executive Director Public Service Commission PO Box 615 211 Sower Boulevard Frankfort, KY 40602

PUPBLECC SERVICE

Dear Mr. Greenwell:

RE: PSC Case No. 2016-00144

Please find enclosed an original and seven copies of the response to the Public Service Commission Staff's First Data Request for Information in the above-referenced case dated April 14, 2016.

Please let me know if additional information is needed.

Respectfully,

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Allen Anderson President & CEO

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Enclosures

COMMONWEALTH OF KENTUCKY

BEFORE THE PUBLIC SERVICE COMMISSION

IN THE MATTER OF:

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AN EXAMINATION BY THE PUBLIC SERVICE COMMISSION OF THE ENVIROMENTAL SURCHARGE MECHANISM OF EAST KENTUCKY POWER COOPERATIVE, INC. FOR THE SIX MONTH BILLING PERIODS ENDING DECEMBER 31, 2015 AND THE PASS THROUGH MECHANISM FOR ITS SIXTEEN MEMBER DISTRIBUTION COOPERATIVES

CASE NO. 2016-00144

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CERTIFICATE

STATE OF KENTUCKY

COUNTY OF PULASKI

Michelle D. Herrman, being duly sworn, states that she has supervised the preparation of the Responses of South Kentucky RECC to the Public Service Commission Staff's First Data Request for Information contained in the above-referenced case dated April 14, 2016, and that the matters and things set forth therein are true and accurate to the best of her knowledge, information and belief, formed after reasonable inquiry.

minue & Herman

Subscribed and sworn before me on the <u>3rd</u> day of May, 2016.

ashley Kew Notary Public

My commission expires $\frac{8/31/2019}{2019}$



SOUTH KENTUCKY RURAL ELLECTRIC COOPERATIVE PSC CASE NO. 2016-00144 ENVIRONMENTAL SURCHARGE MECHANISM RESPONSE TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION DATED APRIL 14, 2016

Request 2

This question is addressed to each of the 16 Member Cooperatives. For each of the 16 member distribution cooperatives, prepare a summary schedule showing the distribution cooperative's pass-through revenue requirement for the months corresponding with the six-month review utilizing the revised methodology approved in Case No. 2015-00281. Include the two months subsequent to the billing period included in the applicable review period. Include a calculation of any additional over- or under-recovery amount the distribution cooperative believes needs to be recognized for the six-month review. Provide all supporting calculations and documentation in Excel spreadsheet format with formulas intact and unprotected and all rows and columns fully accessible.

Response

Page 2 of 2 shows the calculation of the under-recovery in the amount of \$157,458.

Please see East Kentucky Power Cooperative's response to Request No. 2 of the Commission Staff's First Request for Information dated April 14, 2016 for the Excel spreadsheet supporting the calculations of the under-recovery.

	South Ken	tucky RECC - Calculation	on of (Over)/Under Rec	overy						
		EKPC Invoice Month recorded								
Line No.	Month & Year	(2)	(3)	(4)	(Over) or Under (5)					
1	Previous (Over)/Under-Recovery Rem			(4)	(5)					
1a	From Case No. 2014-00051 (Over)/Ur				\$1,109,224					
1b	From Case No. 2015-00281 (Over)/Ur				\$541,986					
10 10	Total Previous (Over)/Under-Recovery									
2	Jul-15		\$1,095,731		\$1,651,210					
3	Aug-15	+ · , · • , · • ·	\$1,290,029	\$179,466 (\$286,474)	\$1,830,676					
4	Sep-15			(\$286,474)	\$1,544,202					
5	Oct-15		\$1,025,655	(\$85,190)						
6	Nov-15	\$881,693	\$1,032,825	(\$151,132)	\$1,307,880					
		\$1,131,143	\$1,100,066	\$31,077	\$1,338,957					
Post	<u>Dec-15</u> Jan-16	; ; ; ; =	\$1,305,774	(\$84,901)	\$1,254,055					
Review	Feb-16	* • • • • • • • • •	\$1,568,733	\$111,032	\$1,365,088					
Neview	Less Adjustment for Order amounts re		\$1,900,465	(\$622,980)	\$742,108					
8		Amount Per Case Order Remaining to be Amortized at beginning of Review Period	Amortization of Previous (Over)/Under Recoveries During Review Period		Amount Per Case Order Remaining to be Amortized at end of Review Period					
8a	Case No. 2014-00051 Recovery	(\$1,109,224) (\$541,986)	\$554,613		(\$554,611)					
8b	Case No. 2015-00281 Recovery	(\$541,986)								
8c		Total C	order amounts remainin	ig - Over/(Under):	(\$1,096,597)					
9	Cumulative six month (Over)/Under-Reco	very [Cumulative net of r	emaining Case amortiza	tions - Lines 7 & 8c]	\$157,458					
10	Monthly recovery (per month for six m	onths)			\$26,243					
	Reconciliation:									
11 12	Previous (Over)/Under-Recovery Rem Previous Over/(Under)-Recovery Rem				\$1,651,210 (\$1,096,597)					
13	Total Amortization during Review Perio	bd			\$554,613					
. 14	(Over)/Under-Recovery from Column &	5, Line 9			\$157,458					
15	Less: Total Monthly (Over)/Under-Recovery for Review Period (Column 4, Lines 2 thru 7) (\$397,155)									

Amortization Detail, Column 3, Line 8:

Difference

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	Case No.	Case No.
Month & Year	2014-00051	2015-00281
Jul-15	\$0	\$0
Aug-15	\$0	\$0
Sep-15	\$0	\$0
Oct-15	\$184,871	\$0
Nov-15	\$184,871	\$0
Dec-15	\$184,871	\$0
Totals	\$554,613	\$0

\$554,613

SOUTH KENTUCKY RURAL ELLECTRIC COOPERATIVE PSC CASE NO. 2016-00144 ENVIRONMENTAL SURCHARGE MECHANISM RESPONSE TO COMMISSION STAFF'S FIRST REQUEST FOR INFORMATION DATED APRIL 14, 2016

Request 7

This question is addressed to each of the 16 member distribution cooperatives. For your particular distribution cooperative, provide the actual average residential customer's monthly usage for the 12 months ended November 30, 2015. Based on this usage amount, provide the dollar impact any over- or under-recovery will have on the average residential customer's monthly bill for the requested recovery period. Provide all supporting calculations and documentation in Excel spreadsheet format with formulas intact and unprotected and all rows and columns fully accessible.

Response

Please see East Kentucky Power Cooperative's response to Request No. 2 of the Commission Staff's First Request for Information dated April 14, 2016 for the calculation of the review period's over- or under-recovery.

South Kentucky has used a six-month amortization for the Under Recovery in this case.

Please see Item 7, pages 2-5 for the requested calculations. See also, the enclosed CD containing the Excel spreadsheet with the file name of 2016-00144 DR1 7.xlsx.

South Kentucky RECC Average Residential Consumer's Usage

	# Customers	<u>kWh</u>
Dec 2014	60,528	80,907,042
Jan 2015	60,800	97,034,047
Feb	60,458	107,095,435
Mar	60,544	96,680,241
Apr	60,666	55,709,942
May	60,832	45,144,015
June	60,746	52,815,776
July	61,089	59,495,440
Aug	60,872	64,443,890
Sept	60,866	55,795,954
Oct	61,092	43,974,615
Nov	<u>60,764</u>	<u>48,984,346</u>
Totals	729,257	808,080,743
Average Residential U	Jsage	<u>1,108</u>

South Kentucky RECC Impact on Average Residential Consumer's Bill

Average Residential Account:	Actual				
	<u>Rate</u>	Bill Amount			
Consumer Charge	\$12.82	\$12.82			
kWh Charge	\$0.08543				
kWh Average Monthly Usage	1,108	\$94.66			
Fuel Adjustment	-\$0.00397	-\$4.40			
		\$103.08			
*Environmental Monthly Charge	13.96%	\$14.39			
School Tax	3.00%	\$3.52			
Total Monthly Bill		\$120.99			

Average Residential Account:	6 Month Recovery					
	Rate	Bill Amount				
Consumer Charge	\$12.82	\$12.82				
kWh Charge	\$0.08543					
kWh Average Monthly Usage	1,108	\$94.66				
Fuel Adjustment	-\$0.00397	-\$4.40				
		\$103.08				
*Environmental Monthly Charge	14.23%	\$14.67				
School Tax	3.00%	\$3.53				
Total Monthly Bill		\$121.28				
	Impact	\$0.29				

*Based on Rates on Page 4 & 5.

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Additional Monthly Recovery of \$26,243 for six months Under Recovery \$157,458/6

East Kentucky Power Cooperative, Inc. - Distribution Cooperatives Pass Through Mechanism Report for South Kentucky RECC

For the Month Ending December 2015

<u> </u>	(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)		(10)	(11)	(12)	(13)	(14)	(15)
				EKPC	On-peak	EKPC Net	ËK	PC 12-months	South	Amortizati	ion	South	South	On-Peak	South	12-months	South
				Monthly	Revenue	Monthly	En	ded Average	Kentucky	of		Kentucky	Kentucky	Retail	Kentucky	ended	Kentucky
Surcharge				Revenues from	Adjustment	Sales	Mor	thly Revenue	Revenue	(Over)/Uni	der	Net	Total	Revenue	Net Monthly	Avg. Retail	Pass
Factor				Sales to		to	fr	om Sates to	Requirement	Recover	уl	Revenue	Monthly Retail	Adjustment	Retail	Revenues.	Through
Expense	EKPC	EKPC	ЕКРС	South		South		South				Requirement	Revenues	·	Revenues	Net	Mechanism
Month	CESF %	BESF %	MESF %	Kentucky		Kentucky		Kentucky									Factor
			Col. (1) - Col. (2)			Col. (4) - Col. (5)			Col (3) x Col (7)			Col (8) + Col (9)			Col. (11) - Col. (12)		Col (10) / Col (14)
Jan-14	10.92%	0.00%		\$ 11,366,310		\$ 11,356,310	\$	7,166,716	\$ 782,605	\$ 28,2	28	\$ 810,833	\$ 12,851,992		\$ 12,851,992	\$ 9,739,227	8.39%
Feb-14	5.44%	0.00%	5.44%	\$ 8,979,796		\$ 8,979,796	\$	7,248,947	\$ 394,343	\$ -		\$ 394,343	\$ 15,039,483		\$ 15,039,483	\$ 9,950,186	4.05%
Mar-14	11.62%	0.00%	11.62%	\$ 8,300,709		\$ 8,300,709	\$	7,254,880	\$ 843,017	\$ (60,1)	27) 3		\$ 11,091,124		\$ 11,091,124	\$ 9,986,831	7.87%
Apr-14	13.47%	0.00%	13.47%	\$ 5,911,467		\$ 5,911,467	\$	7,259,486	\$ 977,853	\$ (60,1)	27)	\$ 917,726	\$ 9,568,630		\$ 9,568,630	\$ 9,950,607	9.19%
May-14	15.84%	0.00%	15.84%	\$ 5,991,640		\$ 5,991,640	\$	7,270,226	\$ 1,151,604	\$ (60,1)	27) :	\$ 1,091,477	\$ 7,788,981		\$ 7,788,981	\$ 9,962,977	10.97%
Jun-14	15.67%	0.00%	15.67%	\$ 6,800,613		\$ 6,800,613	\$	7,300,644	\$ 1,144,011	\$ (60,1)	27)	\$ 1,083,884	\$ 8,867,617		\$ 8.867.617	\$ 10.002.495	10.88%
Jul-14	14.38%	0.00%	14.38%	\$ 7,024,102		\$ 7,024,102	\$	7,338,975	\$ 1,055,345	\$ (60.1)	27) 3	\$ 995,218	\$ 9,678,462	,	\$ 9,678,462	\$ 10.028.718	9.95%
Aug-14	12.62%	0.00%	12.62%	\$ 7,115,619		\$ 7,115,619	\$	7,381,420	\$ 931,535	\$ (60.1)	27) 3		\$ 9,495,747		\$ 9,495,747	\$ 10,031,144	8.69%
Sep-14	13.53%	0.00%	13.53%	\$ 6,082,960		\$ 6,082,960	\$	7,409,004	\$ 1,002,438			\$ 1.002.438	\$ 9,691,541		\$ 9,691,541	\$ 10.077.955	9.99%
Oct-14	15.57%	0.00%	15.57%	\$ 5,397,739		\$ 5,397,739	\$	7,388,497	\$ 1,150,389	-		\$ 1,150,389	\$ 8,031,738		\$ 8,031,738	\$ 10,110,050	11.41%
Nov-14	16.95%	0.00%	16.95%	\$ 7,667,059		\$ 7,667,059	\$	7,428,431	\$ 1,259,119	-			\$ 9,537,438		\$ 9,537,438	\$ 10,185,724	12.45%
Dec-14	13.88%	0.00%	13.88%	\$ 7,966,235		\$ 7,966,235	\$	7,383,687	\$ 1,024,856	-	5		\$ 11,033,974		\$ 11,033,974	\$ 10,223,061	10.06%
Jan-15	13.67%	0.00%	13.67%	\$ 9,674,817		\$ 9,674,817	\$	7,242,730		-	9		\$ 12,067,988		\$ 12,067,988	\$ 10,157,727	9.68%
Feb-15	11.49%	0.00%	11.49%	\$ 10,192,879		\$ 10,192,879	\$	7.343.820	\$ 843,805	-	5		\$ 13,473,758		\$ 13,473,758	\$ 10,027,250	8.31%
Mar-15	10.90%	0.00%	10.90%	\$ 7,563,960		\$ 7,563,960	\$	7,282,424	\$ 793,784	\$ -	\$	\$ 793,784	\$ 12,100,415		\$ 12,100,415	\$ 10,111,357	7.92%
Apr-15	14.44%	0.00%	14.44%	\$ 4,848,805		\$ 4,848,805	s	7,193,869	\$ 1,038,795		5		\$ 8,567,084		\$ 8,567,084	\$ 10.027.895	10.27%
May-15	18.09%	0.00%	18.09%	\$ 5,088,027		\$ 5,088,027	\$	7,118,568	\$ 1,287,749	•	ļ	\$ 1,287,749	\$ 7,416,764		\$ 7,416,764	\$ 9,996,877	12.84%
Jun-15	18.44%	0.00%	18.44%	\$ 6,383,050		\$ 6,383,050	\$	7,083,771	\$ 1,306,247	-		\$ 1,306,247	\$ 7,997,527		\$ 7,997,527	\$ 9,924,370	13.07%
Jul-15	15.91%	0.00%	15.91%	\$ 6,915,402		\$ 6,915,402	Ŝ	7.074.713	\$ 1,125,587	•		\$ 1.125.587	\$ 8,531,822		\$ 8,531,822	\$ 9,828,816	11.34%
Aug-15	16.25%	0.00%	16.25%	\$ 6,307,683		\$ 6,307,683	Š	• •		\$ 184.8		\$ 1,323,571	\$ 9,867,060		\$ 9,867,060	\$ 9,859,759	13.47%
Sep-15	17. 07%	0.00%	17.07%	\$ 5,787,473		\$ 5,787,473	ŝ	• •	· ·	•		\$ 1.376.828	\$ 9.041.887		\$ 9,041,887	\$ 9,805,621	13.96%
Oct-15	18.51%	0.00%	18.51%	\$ 5,165,143		\$ 5,165,143	ŝ	6,963,378		\$ 184,87		\$ 1,473,792	\$ 7,665,477		\$ 7,665,477	\$ 9,803,821 \$ 9,775,100	15.03%
Nov-15	18.81%	0.00%	18.81%			\$ 6,110,967	ŝ	6,833,703				\$ 1,470,291	\$ 7,879,060		\$ 7,803,477		
Dec-15	19.87%	0.00%	19.87%			\$ 6,490,563	ŝ	6,710,731	\$ 1,333,422	• • • • •		\$ 1.518.293	φ 1,019,000		\$ 1,879,060	\$ 9,636,901	15.04%
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Notes:

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South Kentucky Total Monthly Retail Revenues in Column (11) Includes demand and energy charges, customer charges, and FAC revenues. Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.

East Kentucky Power Cooperative, Inc. - Distribution Cooperatives Pass Through Mechanism Report for South Kentucky RECC

For the Month Ending December 2015

	(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)		(10)	(11)	(12)	(13)	(14)	(15)
				EKPC	On-peak	EKPC Net	EKP	C 12-months	South	Amortizat	tion	South	South	On-Peak	South	12-months	South
				Monthly	Revenue	Monthly	End	ded Average	Kentucky	of		Kentucky	Kentucky	Retail	Kentucky	ended	Kentucky
Surcharge				Revenues from	Adjustment	Sales	Mon	thly Revenue	Revenue	(Over)/Un	nder	Net	Totaí	Revenue	Net Monthly	Avo, Retail	Pass
Factor				Sales to		to	fro	om Sales to	Requirement	Recove	ny	Revenue	Monthly Retail	Adjustment	Retail	Revenues.	Through
Expense	EKPC	EKPC	EKPC	South		South		South	•		·	Requirement	Revenues		Revenues	Net	Mechanism
Month	CESF %	BESF %	MESF %	Kentucky		Kentucky		Kentucky				•				,	Factor
			Col. (1) - Col. (2)			Col. (4) - Col. (5)			Col (3) x Col (7)			Col (6) + Col (9)			Col. (11) - Col. (12)		Col (10) / Col (1
																	1
Jan-14	10.92%	0.00%	10.92%	\$ 11,366,310		\$ 11,366,310	\$	7,166,716	\$ 782,605	\$ 28,2	228	\$ 810,833	\$ 12,851,992		Ś 12.851.992	\$ 9,739,227	8.39
Feb-14	5.44%	0.00%	5.44%	\$ 8,979,796		\$ 8,979,796	\$	7,248,947	\$ 394,343	\$	- :	\$ 394,343	\$ 15,039,483		\$ 15,039,483	\$ 9,950,186	4.05
Mar-14	11.62%	0.00%	11.62%	\$ 8,300,709		\$ 8,300,709	\$	7,254,880	\$ 843,017	\$ (60.1	27)	\$ 782,890	\$ 11,091,124		\$ 11,091,124	\$ 9,986,831	7.87
Apr-14	13.47%	0.00%	13.47%	\$ 5,911,467		\$ 5,911,467	\$	7,259,486	\$ 977.853	\$ (60,1	27) 3	\$ 917.726	\$ 9,568,630		\$ 9,568,630	\$ 9,950,607	9.19
May-14	15.84%	0.00%	15.84%	\$ 5,991,640		\$ 5,991,640	\$	7,270,226	\$ 1,151,604			\$ 1,091,477	\$ 7,788,981		\$ 7,788,981	\$ 9,962,977	10.9
Jun-14	15.67%	0.00%	15.67%	\$ 6,800,613		\$ 6,800,613	\$	7,300,644	\$ 1,144,011		•	\$ 1,083,884			\$ 8,867,617	\$ 10.002.495	10.9
Jul-14	14.38%	0.00%	14.38%	\$ 7,024,102		\$ 7,024,102	\$	7,338,975	\$ 1,055,345	• •	27)		\$ 9,678,462		\$ 9,678,462	\$ 10,028,718	9.9
Aug-14	12.62%	0.00%	12.62%	\$ 7,115,619		\$ 7,115,619	\$	7,381,420	\$ 931,535			• • • • • • • • • • • • • • • • • • • •	\$ 9,495,747		\$ 9,495,747	\$ 10,031,144	8.6
Sep-14	13.53%	0.00%	13.53%	\$ 6,082,960		\$ 6,082,960	\$	7,409,004	\$ 1,002,438			\$ 1,002,438	\$ 9,691,541		\$ 9,691,541	\$ 10,077,955	9.9
Oct-14	15.57%	0.00%	15.57%	\$ 5,397,739		\$ 5,397,739	\$	7.388.497	\$ 1,150,389			\$ 1,150,389	\$ 8,031,738		\$ 8,031,738	\$ 10,110,050	3.5 11.4
Nov-14	16.95%	0.00%	16.95%	\$ 7,667,059		\$ 7,667,059	\$	7,428,431	\$ 1,259,119	-		\$ 1,259,119	\$ 9,537,438		\$ 9,537,438	\$ 10,110,030	12.4
Dec-14	13.88%	0.00%	13.88%	\$ 7,966,235		\$ 7,966,235	ŝ	7,383,687	\$ 1.024.856				\$ 11,033,974		\$ 5,537,438 \$ 11,033,974	\$ 10,185,724	
Jan-15	13.67%	0.00%	13.67%	\$ 9,674,817		\$ 9,674,817	\$	7,242,730	\$ 990.081	•			\$ 12,067,988				10.00
Feb-15	11.49%	0.00%	11.49%	\$ 10,192,879		\$ 10,192,879	ŝ	7,343,820	\$ 843.805	•			\$ 13,473,758		\$ 12,067,988	\$ 10,157,727	9.68
Mar-15	10.90%	0.00%	10.90%			\$ 7,563,960	\$	7,282,424	•	•			\$ 12,100,415			\$ 10,027,250	8.31
Apr-15	14.44%	0.00%	14.44%	\$ 4,848,805		\$ 4,848,805	\$		\$ 1,038,795	•			\$ 8,567,084		\$ 12,100,415 \$ 8,567,084	\$ 10,111,357	7.92
May-15	18.09%	0.00%	18.09%			\$ 5,088,027	ŝ		\$ 1,287,749				\$ 7,416,764		· · ·	\$ 10,027,895	10.27
Jun-15	18.44%	0.00%	18.44%			\$ 6,383,050	ŝ		\$ 1,306,247	•		\$ 1,306,247			\$ 7,416,764	\$ 9,996,877	12.84
Jul-15	15.91%	0.00%	15.91%			\$ 6.915.402	ŝ		\$ 1,125,587	•		\$ 1,306,247 \$ 1,125,587	\$ 7,997,527 \$ 8,531,822		\$ 7,997,527	\$ 9,924,370	13.07
Aug-15	16.25%	0.00%	16.25%			\$ 6.307.683	\$		\$ 1,123,507 \$ 1,138,700	•			• •		\$ 8,531,822	\$ 9,828,816	11.34
Sep-15	17.07%	0.00%	17.07%			\$ 5,787,473	s	6,982,761		• • • •		\$ 1,323,571	\$ 9,867,060 \$ 0.041,887		\$ 9,867,060	\$ 9,859,759	13.47
Oct-15	18.51%	0.00%	18.51%			\$ 5,165,143	у 5			\$ 211,1		\$ 1,403,071 \$ 1,473,702	\$ 9,041,887 \$ 7,005,477		\$ 9,041,887	\$ 9,805,621	
Nov-15	18.81%	0.00%	18.81%	· ·		\$ 6,110,967	Ф 5	6,833,703	• •	\$ 184,8		\$ 1,473,792	\$ 7,665,477		\$ 7,665,477	\$ 9,775,100	15.03
Dec-15	19.87%	0.00%	19.87%			\$ 6,490,563			• •	\$ 184,8			\$ 7,879,060		\$ 7,879,060	\$ 9,636,901	15.04
		/0	10.0170	* 0,700,000		Ψ 0,480,003	\$	6,710,731	\$ 1,333,422	\$ 184,8	1 1	\$ 1,518,293					15.759

Notes:

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South Kentucky Total Monthly Retail Revenues in Column (11) includes demand and energy charges, customer charges, and FAC revenues. Revenues reported in Columns (4), (6), (7), (11), (13), and (14) are net of Green Power Revenues.

Case No. 2014-00051 Monthly Amount	\$	184,871
Case No. 2016-00144 Monthly Amount	<u>\$</u>	26,243
	\$	211,114

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