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March 3, 2008

Director of Engineering Public Service Commission P.O. Box 615 Frankfort, KY 40602

RE: Case No. 2006-00494

Dear Director of Engineering,

In response to the Public Service Commission's order, Case No. 2006-00494, Big Sandy RECC is submitting our Annual Reliability Reports for the past 5 years.

We compiled system-wide S.A.I.D.I. reliability numbers only until 2007. During the calendar year of 2007, we compiled three indices: S.A.I.D.I., S.A.I.F.I., and C.A.I.D.I on a system-wide basis.

Big Sandy RECC has no formal method of analyzing the reliability of individual circuits. However, circuits are monitored by direct communication between service personnel and the Maintenance Superintendent or the Plant Superintendent. Due to the small size of our system, the reliability of specific circuits can informally be monitored in this manner. Whenever a specific circuit has numerous outages, the Maintenance Superintendent will patrol the circuit or ascertain the reasons and decide on appropriate corrective measures.

With the erratic nature of the weather patterns in this area it is very difficult to determine within a one-year period the effectiveness of our ROW program, but in 2007 Big Sandy RECC has emphasized 'Hot Spotting; out of ROW danger trees, and regular ROW clearing. We have also targeted fused disconnect devices for replacement due to a noticeable high number of failures. We currently believe these methods are addressing our highest number of outages.

In 2008, we plan to continue to target 'Hot Spots', out of ROW danger trees, and regular ROW clearing. We also plan to continue our fused disconnect replacement program until the number of failures no longer is substantial.

Sincerely,

Jeff Prater

Plant Superintendent

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2007	ODIY	atom		ed Equipment's	Mure		/	/ /		/ /	7 /
Outogo	80 Met 2 HODIN	Etterne starr	2reatrands	Californet.	Meathe	Marriade	Animals	In Pinh	Outenh	Other	zoto)
Outage	(×		$\int_{-\infty}^{\infty}$		1			\bigcap	\int	$\int_{-\infty}^{\infty}$	\uparrow
Summary											
For month of De c	_										
For Calendar year 2087			<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u>L</u>		<u>i </u>	
Number of Outages				1 . 0	2.7				T (3		T / 3
This month	0	0	7	18	23	3	0	2	10	0	63
This month last year	0	<u> </u>	10	23_	27	1	1 2	3	0	0	66
This year to date	3	0	121	244	106	34	28	74	120	0	730
Corresponding date	0	0	69	184	90	18	35	56	68		521
Consumer Hours outages			~	T		T		,		 	
This month	0	0	110'25"	268 15"	600'25"	10'15"	0	22'15"	33755"	0	1349 10"
This month last year	0	0	120'	155 40"	797'40"	1'50"	26'10"	11'20"	0	0	1112 40"
This year to date	12,343'20"	O	1837 40"	5151'20"	1401'	495'30"	197' 45"	2046'15"	3815'35"	0	27,288 25
Corresponding date	0	0	2196'45"	6561'50"	2393,55	528'25"	328 15"	1894 40"		90'	15,674'5"
S.A.I.D.I	Α	verage Outage		Consumer							
This year to date	56.3"	0	8.4"	23.5"	6,4"	2.3"	9"	9.3"	17.4"	0	2.11 hr
Corresponding date	0	0	10.1"	30.2"	11.0"	2.4"	1.5"	8.7"	7.7"	,4"	1.2'hr
S.A.I.F.I	Number of co	nsumers Out o									
his year to date											1.02
Corresponding date											
C.A.I.D.I	Total Downtin	ne/ Number Pe	ople Out of	Power							
Γhis last year to date											126.3"
This last year to date						ı	;		}	I	i .

Number of consumer served this month: (3, 272

Neighted Avg. Number of Consumer served this year to date: 13, 166.5

2006	Power Shiby	Extreme storm	Prestrate	Equippent to	westred	Marinade	Arimats	IL STA	Out RIM	Other	1000 TOO
Outage Summary											
For month of Dec											
For Calendar year 2006											
Number of Outages					·		ī				
This month	0	0	10	23_	27	/	2_	3_	8	0	66
This month last year	0	0	5	21	0	<u> </u>	2	10	0	0	38
This year to date	0	0	69	184	90	18	35	56	68	/	
Corresponding date	0	0	82	196	98	26	23	214	0	//	650
Consumer Hours outages								1 , ,	,	0	1112'40"
This month	0	0	120'	1.55 40"	797 40"	150"	26'10"	11/201	0	0	644'20"
This month last year	0	0	109'45"	260'25"	0	0	5'10"	269'	0 "	0	
This year to date	0	0		6561'50"	T	ł	1		l .	90'	15,6745"
Corresponding date	D	0	2849'30"	2010 45"	133555	576'50"	183'20"	1966 35	D	40'5"	11,963'
S.A.I.D.I	Δ	verage Outag	e Time Per		T	. 11	T . = 11	101	171	4"	1.2' hrs
This year to date	0	0	10.1"	30.2"	//.0"		1.5"	1	7.74	,2"	-1111
Corresponding date	0	0	13.2"	9.3"	6.2"	2.7"	,9"	23. "	0	1,2	53.4 Acirs
S.A.I.F.I	Α	verage Numb	er of Outag	es Per Const	ımer	on the property of the second	en la se destinación de la secución	(nd Primary) (nd 1885) na nagadhan (nd 1871) na chinn Na na			4 7 7 2 5
This year to date	(0.016)	2-1400-4-14				transporter and deposite and analysis of the					
Corresponding date	The same of the sa			Number of C	MARIANA Nutagos	unicipa kin Caratanian	ul peuterinament († 25	de anticología de la composición de la			
C.A.I.D.I		Average Outag	je Time Per	Number of C	Julayes	an a construction of the c	a Separation and				
This last year to date								2			- No or from a fact at a com-
Corresponding date											
Data For Computing Avg* OUTAGE HOURS PER C	CONSUMER										
Number of consumer ser	ved this month:	13,12	3								
Weighted Avg. Number o	f Consumer se	ved this year to	o date:/	3,048.	5						

					7.						
2005	Some ent	Ethelie st	Dreatange	Edifficat	weather when	Marinade	Ariini	a Print	Jrknown	Other	Total Causes
Outage	100	14	<u> </u>	<u> </u>	\ <u>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</u>	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	<u> </u>		\leftarrow		
Summary For Mouth of 1/ec For Calendar Year 2005											
Number Of Outages											ラ グ
This Mouth	0	0	5	21	0	0	2	10	0	0	38
This Mouth Last Year	0	0	7	13	7	2	0	25	9	0	63
this year to date	0	Ó	82	196	98	26	23	214		0	650 784
Corresponding date	2	0	99	39	129	16	27	288	133	51	707
Consumer Hours Outages											1 1111 0-11
This Mouth	0	0	109'45"	260 25"	0	0		269'	0 ,	0	644'20"
This Mouth Last Year	0	0	98'20"	261'10"	185'5"	30'50"	0	76825"		0	1574'15"
This Year to date	0	0	2849, 30"	2010'45"	1335 55"	576'50"	l	1 . //	40'5"	0	11,963'
Corresponding date	1403'	0			154,113'50"	2175"	75'5"	724625	590'	1088 40"	167,352 20"
S.A.I.D.I	Average C	utage Tim	e Per Cons		1			T	T		11
This year to date	0	0	13.2"	9.3"	6.2"	27"	. 911	23."	.2"	0	55.4"
Corresponding date	(a.6)"	0	10,5"	2.0 "	12.0'Lrs	1.0"	,4"	33.9"	2.8"	5.1"	13.01 hrs
S.A.I.F.I	Average N	lumber of	Outages Po	er Consum	er		T	1	1	1	T
This year to date		7 (F)		a parado							
Corresponding date				is the second	建等的/全型	25	: O =	702	1 0 l		
C.A.I.D.I	Average C	Outage Tin	ne Per Num	ber of Out	ages						
This last year to date	4			7/08/4			1700		2000		
corresponding date									ing grouped party states and a requirement of the con- traction of the contract of the contract of the con- traction of the contract of the co		
Data For Computing Avg* OUTAGE HOURS PER CO	NSUMER										
Number of consumer serve	d: this mouth	n	3,017								
Weighted Avg. Number of 0	Consumer S	ervered: Th	is Year to D	Date <i>(</i> _2_	,964.0)	J				

2004	/,0	³⁴ / ⁸⁴	July Ode	Editorient	allure	//%	/ /		///		C NIESS
Outage	Power Sup	Extreme &	Prestrance	Equipme	Mediter	Marinade	Aritrà	S. May	Urknown	Other	Total Causes
For Calendar Year 200 / Number Of Outages											
This Mouth	D	0	フ	13	7	2	0	25	9	D	63
This Mouth Last Year	0	0	7	39	129	0	0 27	288 288	16	7 51	33 784
this year to date Corresponding date	20	0	83	0	50	7 G	8	194	201	82	618
Consumer Hours Outages	Ü										
This Mouth	0	0	98'20"	261'10"	185511	30'50"		868 25"	1.3025"	0	157815"
This Mouth Last Year	0	D	3'	0	22'30"	0			36'15"	,	2520'35
This Year to date	1403'	0	2193'25	424'50"	154,113'50"	217'5"	1	72/6 as		1088 40"	167,352 20"
Corresponding date	0	0	208135"	0	627'45"	0	50 40	610255	813'45"	4562'15'	14,238 55"
S.A.I.D.I	Average C	Outage Tim	ne Per Cons	sumer			,	, , , , , , , , , , , , , , , , , , , 			
This year to date	6.6"	U	10.5"	2.0"	12.0'hrs	, /.O n	.4"	33.911	2.811	5.1"	13.0 hvs
Corresponding date	0	0	9.9"	0	3.0"	0	,2"	29.0"	3.9"	21.7"	1.1 hr5
S.A.I.F.I	Average N	lumber of	Outages Po	er Consum	er			e antique as declar Service			
This year to date	DA:		14:01=	二 万二章	¥77/1				= <u>7</u> .∆¥=		
Corresponding date											A
C.A.I.D.I	Average C	Outage Tin	ne Per Num	ber of Out	ages		a Lipazz was Araba				
This last year to date		7.03	122.3		11947 ¹⁵	1776			1/34/2		addless of the
corresponding date		The same of the sa	- Property and the second second second			-				<u> </u>	
Data For Computing Avg* OUTAGE HOURS PER CO	NSUMER										
Number of consumer served	d: this moutl	n <u>/2,</u>	924								
Weighted Avg. Number of C	Consumer S	ervered: Th	nis Year to [Date <u>/ 2</u> ,	829.6	>	.]				

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OUTAGE SUMMARY For Month of <u>Jec</u> For Calendar Year <u>2003</u>	Power Supply	Pre- Arranged	Trees	Lightning	Broken Jumper	Blown Fuses	Animals & Birds	Unknown	Other	TOTAL ALI CAUSES
OT OVERAGES			!							33
UMBER OF OUTAGES	0	1	8	/	0	16	0	0	5	
This Month	0	2	8	32	0	12		0	4	63 618
This Month Last Year		83	194	.50	0	196	8	5	82	694
This Year to Date	 	98	216	97	0	185	15	6_	76	619
Last Year to Corresponding Date										
ONSUMER HOURS OUTAGE			 	, ,		36'15"	0	0	1926 15"	2520 35"
This Month	0	3'		22:30"	0	14'15"	12541	0	376'15"	160,605'45"
This Month Last Year	0	25'	136	160,053'50'	<u> </u>	671'40"	50'40"		4.562'15"	14,238 55"
This Year to Date	0	208135"		627 45"	D	130'30"	75:50"	207 80"	4611'25"	177,288 20"
Last Year to Corresponding Date	93'45"	1172'30"	70 ×9'15"	163,547,25	<u> </u>	230 30	13.70	7 70		
/ERAGE* OUTAGE TIME PER CONSUMER								<u> </u>	xxx	xxx
This Month	xxx	xxx	xxx	XXX	XXX	xxx	XXX	XXX	XXX	xxx
This Month Last Year	xxx	xxx	xxx	XXX	XXX	xxx	XXX	17"	21.7"	// hr
This Year to Date	6	9.911	29.0"	3.01		3.2"	, 2 "	+ + / //	22.2"	14.2' LVS
Last Year to Corresponding Date	1.5 "	5.6"	33.9"	13.1 Krs	0	2.6"	.4"	⊥ <i>≟</i> _	ddid.	17.2
ECAPITULATION FOR DECEMBER EPORT ONLY										
Average* Outage Hours Per										
Consumer Per Year			1 2 7	1 = 2 0 1	<u>a</u>	3.2"	1,2"	.7"	21.7"	1.1' his
This Year	0	9.9"	29.0"	3.0 "			4"	1.0"	22.2"	14.2' hv5
Last Year	,5"	5.6"	33,9"	13.1 hrs	0	2.6"	1_17	1/.0	1880	
TA FOR COMPUTING AVERAGE* JTAGE HOURS PER CONSUMER Number of Consumers Served: This Month /2,748 Weighted Average Number of Consumers Served: This Year to Date /2,616./										

EMARKS: