#### Jim Adkins Consulting 1041 Chasewood Way Lexington, KY 40513-1731

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#### December 3, 2009

Mr. Jeff Derouen Executive Director Kentucky Public Service Commission 211 Sower Boulevard P.O. Box 615 Frankfort, Kentucky 40602-0615 RECEIVED

DEC 0 3 2009

PUBLIC SERVICE COMMISSION

RE: Case No. 2009-00016 – Application of Licking Valley Rural Electric Cooperative Corporation for an Adjustment in Retail Electric Rates

Dear Mr. Derouen:

Attached you will find an original and seven (7) copies of the information requested at Commission's hearing on November 24, 2009.

Sincerely,

Jim Adkins

Consultant for LVRECC

C: Office of Rate Intervention Office of the Attorney General 1024 Capital Center Drive Suite 200 Frankfort, KY 40601

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## LICKING VALLEY RECC CASE NO. 2009-00016 LINE LOSSES TOTAL SYSTEM

DEC 0 \$ 2009
PUBLIC SERVICE
COMMISSION

									2009	The state of the s		TOTAL PROPERTY.									2008	Year			
October	September	August	July	June	May	April	March	February	January	December	November	October	September	August	July	June	May	April	March	February	January	Month			The state of the s
19,878,704	18,317,016	22,426,664	20,477,621	20,848,321	18,249,519	19,700,135	23,925,579	26,174,874	32,564,996	31,075,533	26,312,447	20,057,624	19,381,257	21,930,407	22,515,950	20,901,538	17,571,817	18,966,145	25,499,263	28,336,177	33,305,316	Purchases	kWh		The second secon
21,023,988	15,705,419	18,975,881	21,560,978	19,611,287	17,964,178	16,740,701	21,371,701	26,057,545	28,534,269	27,671,951	25,368,205	20,836,304	15,927,533	18,425,789	20,394,800	19,444,748	19,444,984	16,170,288	20,641,645	24,507,299	29,465,098	Sales	Kwh		
279,951,409	280,130,329	281,194,570	280,698,313	282,736,642	282,789,859	282,112,157	281,378,167	282,951,851	285,113,154	285,853,474												Purchases	kWh	Rolling 12	
260,586,103	260,398,419	260,620,533	260,070,441	258,904,263		260,218,530	259,648,117	258,918,061	257,367,815	258,298,644								and the second s				Sales	Kwh	Rolling 12	
19,365,306	19,731,910	20,574,037	20,627,872	23,832,379	24,052,135	21,893,627	21,730,050	24,033,790	27,745,339	27,554,830									The state of the s			Losses	Line		
6.92%	7.04%	7.32%	7.35%	8.43%	8.51%	7.76%	7.72%	8.49%	9.73%	9.64%												Percent	Line Loss		

#### LINE LOSS INFORMATION

· / · · · ·		C	OWPAR	AIIVE	INE LO	SS PER	CENTA	3ES		, ,	<del></del>
Rolling											
12 Months			Hele						West		Syste
Ending	Campton	Crockett	wacha	Index	Maggard	Mayton	Oakdale	Sublett	Liberty	Zachariah	Avera
Dec-08	8.38%	10.82%	10.33%	7.93%	10.22%	9.46%	10.86%	9.08%	11.90%	11.42%	9.6
Jan-09	8.39%	10.12%	10.41%	6.84%	9.67%	9.37%	9.79%	11.93%	11.26%	13.43%	9.7
Feb-09	7.36%	9.80%	9.32%	6.38%	9.08%	8.69%	9.84%	7.52%	10.35%	10.04%	8.4
Mar-09	6.19%	8.75%	8.67%	5.89%	7.71%	7.57%	8.21%	8.10%	9.60%	9.25%	7.7
Apr-09	6.40%	8.99%	8.87%	5.95%	7.80%	7.74%	8.34%	7.55%	9.52%	9.30%	7.7
May-09	7.44%	9.62%	9.74%	6.66%	8.77%	8.72%	9.46%	7.59%	9.90%	10.16%	8.5
Jun-09	7.25%	9.63%	9.68%	6.54%	8.97%	8.84%	9.12%	7.73%	9.66%	9.99%	8.4
Jul-09	6.17%	8.53%	8.65%	5.65%	7.73%	7.73%	8.20%	6.63%	8.15%	8.97%	7.3
Aug-09	6.26%	8.53%	8.70%	5.35%	8.44%	7.81%	8.10%	6.53%	7.65%	9.09%	7.3
Sep-09	5.92%	8.34%	8.41%	5.23%	8.54%	7.10%	7.84%	6.44%	6.97%	8.75%	7.0
Oct-09	5.54%	8.23%	8.42%	5.06%	9.00%	7.31%	7.75%	6.26%	6.42%	8.71%	6.9

## CAMPTON SUBSTATION LINE LOSSES

					·		
				Rolling 12	Rolling 12		
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	5,325,473	4,835,248				
	February	4,596,947	4,037,453				
	March	4,142,515	3,349,148				
	April	3,104,457	2,710,193		AMILANIA AND AND AND AND AND AND AND AND AND AN		
	May	2,832,895	3,198,772				
	June	3,380,840	3,144,086				
	July	3,603,328	3,303,807				
	August	3,547,577	3,080,965				
	September	3,156,319	2,576,792				
	October	3,178,703	3,298,713				
	November	4,142,102	3,932,177				
	December	4,894,454	4,591,087	45,905,610	42,058,441	3,847,169	8.38%
2009	January	5,105,626	4,630,502	45,685,763	41,853,695	3,832,068	8.39%
	February	4,042,779	3,995,216	45,131,595	41,811,458	3,320,137	7.36%
	March	3,798,946	3,555,524	44,788,026	42,017,834	2,770,192	6.19%
	April	3,127,549	2,635,845	44,811,118	41,943,486	2,867,632	6.40%
	May	2,919,666	2,811,199	44,897,889	41,555,913	3,341,976	7.44%
	June	3,264,074	3,121,656	44,781,123	41,533,483	3,247,640	7.25%
	July	3,200,092	3,407,996	44,377,887	41,637,672	2,740,215	6.17%
	August	3,547,199	3,043,320	44,377,509	41,600,027	2,777,482	6.26%
	September	2,918,165	2,500,958	44,139,355	41,524,193	2,615,162	5.92%
	October	3,048,694	3,344,948	44,009,346	41,570,428	2,438,918	5.54%

## CROCKETT SUBSTATION LINE LOSSES

				Rolling 12	Rolling 12		
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	2,178,424	1,906,161		1800		
	February	1,848,605	1,596,817				
	March	1,672,691	1,330,370				
	April	1,218,960	1,019,158				
	May	1,112,509	1,161,665				
	June	1,273,238	1,179,559				
	July	1,391,742	1,232,522				
	August	1,339,494	1,124,998				
	September	1,195,375	974,234				
	October	1,289,462	1,333,890				
	November	1,701,091	1,668,809				
	December	2,020,464	1,740,779	18,242,055	16,268,962	1,973,093	10.82%
2009	January	2,109,612	1,971,626	18,173,243	16,334,427	1,838,816	10.12%
	February	1,710,490	1,530,345	18,035,128	16,267,955	1,767,173	9.80%
	March	1,539,418	1,397,916	17,901,855	16,335,501	1,566,354	8.75%
	April	1,240,992	996,723	17,923,887	16,313,066	1,610,821	8.99%
	May	1,133,157	1,066,990	17,944,535	16,218,391	1,726,144	9.62%
	June	1,282,624	1,186,526	17,953,921	16,225,358	1,728,563	9.63%
	July	1,279,220	1,326,929	17,841,399	16,319,765	1,521,634	8.53%
	August	1,408,697	1,188,905	17,910,602	16,383,672	1,526,930	8.53%
	September	1,140,911	957,622	17,856,138	16,367,060	1,489,078	8.34%
	October	1,272,703	1,338,729	17,839,379	16,371,899	1,467,480	8.23%

#### HELECHEWA SUBSTATION LINE LOSSES

				Rolling 12	Rolling 12		
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	4,192,173	3,646,532				
	February	3,551,583	3,075,370				
	March	3,182,898	2,530,966				
	April	2,295,827	1,891,089				
	May	2,073,976	2,315,753				
	June	2,517,582	2,312,088				
	July	2,725,411	2,445,967				
	August	2,631,215	2,217,119				
	September	2,297,979	1,857,941				
	October	2,467,931	2,624,935				
	November	3,361,635	3,137,894				
	December	3,951,867	3,553,600	35,250,077	31,609,254	3,640,823	10.33%
2009	January	4,006,928	3,452,827	35,064,832	31,415,549	3,649,283	10.41%
	February	3,113,154	3,060,554	34,626,403	31,400,733	3,225,670	9.32%
	March	3,118,620	2,697,517	34,562,125	31,567,284	2,994,841	8.67%
	April	2,412,094	1,926,360	34,678,392	31,602,555	3,075,837	8.87%
	May	2,144,413	2,078,899	34,748,829	31,365,701	3,383,128	9.74%
	June	2,473,871	2,293,553	34,705,118	31,347,166	3,357,952	9.68%
	July	2,450,881	2,551,656	34,430,588	31,452,855	2,977,733	8.65%
	August	2,674,433	2,240,247	34,473,806	31,475,983	2,997,823	8.70%
	September	2,142,243	1,812,783	34,318,070	31,430,825	2,887,245	8.41%
	October	2,423,406	2,582,445	34,273,545	31,388,335	2,885,210	8.42%

## INDEX SUBSTATION LINE LOSSES

				Rolling 12	Rolling 12		
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	4,419,399	3,915,906				
	February	3,838,647	3,351,311				
	March	3,614,954	3,113,337				
	April	2,954,624	2,790,696				
	May	2,961,260	3,231,807				
	June	3,371,790	3,181,432				
	July	3,580,373	3,340,850				
	August	3,559,213	3,018,735				
	September	3,233,681	2,769,564				
	October	3,070,173	3,092,343				
	November	3,551,023	3,403,135				
	December	4,136,400	3,730,778	42,291,537	38,939,894	3,351,643	7.93%
2009	January	4,402,377	4,358,660	42,274,515	39,382,648	2,891,867	6.84%
	February	3,667,505	3,386,812	42,103,373	39,418,149	2,685,224	6.38%
	March	3,377,242	3,093,148	41,865,661	39,397,960	2,467,701	5.89%
	April	2,952,287	2,766,498	41,863,324	39,373,762	2,489,562	5.95%
	May	3,021,409	2,990,948	41,923,473	39,132,903	2,790,570	6.66%
	June	3,394,424	3,252,724	41,946,107	39,204,195	2,741,912	6.54%
	July	3,333,845	3,481,203	41,699,579	39,344,548	2,355,031	5.65%
	August	3,599,228	3,181,089	41,739,594	39,506,902	2,232,692	5.35%
	September	3,071,519	2,663,877	41,577,432	39,401,215	2,176,217	5.23%
	October	2,997,775	3,098,071	41,505,034	39,406,943	2,098,091	5.06%

## MAGGARD SUBSTATION LINE LOSSES

				Rolling 12	Rolling 12		
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	2,488,472	2,194,159				
	February	2,087,221	1,796,291				
	March	1,859,340	1,467,031				
	April	1,293,796	1,061,743				
	May	1,161,885	1,301,552				
	June	1,427,335	1,339,278				
	July	1,544,187	1,352,484				
	August	1,450,931	1,230,910	, , , , , , , , , , , , , , , , , , , ,			
	September	1,250,997	1,009,996				
	October	1,363,725	1,417,937				
	November	1,917,747	1,920,417				
	December	2,292,777	1,988,677	20,138,413	18,080,475	2,057,938	10.22%
2009	January	2,352,124	2,182,419	20,002,065	18,068,735	1,933,330	9.67%
	February	1,817,969	1,668,077	19,732,813	17,940,521	1,792,292	9.08%
	March	1,635,274	1,531,152	19,508,747	18,004,642	1,504,105	7.71%
	April	1,319,045	1,067,940	19,533,996	18,010,839	1,523,157	7.80%
	May	1,214,312	1,159,903	19,586,423	17,869,190	1,717,233	8.77%
	June	1,460,175	1,328,737	19,619,263	17,858,649	1,760,614	8.97%
	July	1,466,513	1,525,702	19,541,589	18,031,867	1,509,722	7.73%
	August	1,618,969	1,244,773	19,709,627	18,045,730	1,663,897	8.44%
	September	1,277,988	1,014,750	19,736,618	18,050,484	1,686,134	8.54%
	October	1,457,244	1,412,306	19,830,137	18,044,853	1,785,284	9.00%

## MAYTOWN SUBSTATION LINE LOSSES

				Rolling 12	Rolling 12	WEATER COME PROPERTY AND A PARTY OF	
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	2,465,072	2,189,659				***
	February	2,130,883	1,838,666				
	March	1,885,908	1,527,765				
	April	1,344,743	1,117,725				
	May	1,201,949	1,344,036				
	June	1,465,553	1,418,029				
	July	1,607,626	1,449,428				
	August	1,574,585	1,339,443				
	September	1,411,816	1,088,393				
	October	1,397,797	1,498,890				
	November	1,907,261	1,902,434				
	December	2,301,276	2,022,182	20,694,469	18,736,650	1,957,819	9.46%
2009	January	2,325,396	2,081,389	20,554,793	18,628,380	1,926,413	9.37%
	February	1,889,195	1,759,125	20,313,105	18,548,839	1,764,266	8.69%
	March	1,685,391	1,568,316	20,112,588	18,589,390	1,523,198	7.57%
	April	1,365,153	1,103,757	20,132,998	18,575,422	1,557,576	7.74%
	May	1,233,930	1,175,562	20,164,979	18,406,948	1,758,031	8.72%
	June	1,443,426	1,373,760	20,142,852	18,362,679	1,780,173	8.84%
	July	1,413,182	1,492,536	19,948,408	18,405,787	1,542,621	7.73%
	August	1,575,975	1,325,649	19,949,798	18,391,993	1,557,805	7.81%
	September	1,228,164	1,058,801	19,766,146	18,362,401	1,403,745	7.10%
	October	1,364,355	1,425,865	19,732,704	18,289,376	1,443,328	7.31%

## OAKDALE SUBSTATION LINE LOSSES

				Rolling 12	Rolling 12	·	
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	3,402,582	2,926,764				
	February	2,821,927	2,406,522				
	March	2,501,886	1,949,367				
	April	1,824,786	1,545,617				*
	May	1,686,001	1,921,345				
	June	2,075,295	1,865,945				
	July	2,219,517	2,012,083				***************************************
	August	2,169,901	1,797,950				
	September	1,879,388	1,511,218				
	October	1,965,222	2,066,200				
	November	2,672,789	2,543,922				
	December	3,092,903	2,690,494	28,312,197	25,237,427	3,074,770	10.86%
2009	January	3,460,211	3,282,090	28,369,826	25,592,753	2,777,073	9.79%
	February	2,741,152	2,318,310	28,289,051	25,504,541	2,784,510	9.84%
	March	2,133,142	2,072,335	27,920,307	25,627,509	2,292,798	8.21%
	April	1,830,717	1,515,949	27,926,238	25,597,841	2,328,397	8.34%
	May	1,729,018	1,647,127	27,969,255	25,323,623	2,645,632	9.46%
	June	2,013,468	1,903,511	27,907,428	25,361,189	2,546,239	9.12%
	July	1,990,928	2,058,890	27,678,839	25,407,996	2,270,843	8.20%
	August	2,163,184	1,820,225	27,672,122	25,430,271	2,241,851	8.10%
	September	1,781,393	1,493,229	27,574,127	25,412,282	2,161,845	7.84%
	October	1,909,081	2,038,341	27,517,986	25,384,423	2,133,563	7.75%

#### LICKING VALLEY RECC CASE NO. 2009-00016 SUBLETT SUBSTATION LINE LOSSES

		T		1	<u> </u>		
***************************************				Rolling 12	Rolling 12		
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	4,281,499	3,784,018				
	February	3,574,792	3,078,065				
	March	3,201,763	2,571,376				
	April	2,288,816	1,883,462				
	May	2,085,597	2,407,019				
	June	2,558,416	2,409,993				
	July	2,776,103	2,571,361				
	August	2,662,386	2,146,314				
	September	2,339,507	1,998,943				
	October	2,574,360	2,747,914				
	November	3,482,414	3,477,913				
	December	4,119,429	3,604,063	35,945,082	32,680,441	3,264,641	9.08%
2009	January	4,359,805	2,828,148	36,023,388	31,724,571	4,298,817	11.93%
	February	3,737,148	4,819,772	36,185,744	33,466,278	2,719,466	7.52%
	March	3,448,628	2,588,064	36,432,609	33,482,966	2,949,643	8.10%
	April	2,779,110	2,535,799	36,922,903	34,135,303	2,787,600	7.55%
	May	2,427,071	2,708,918	37,264,377	34,437,202	2,827,175	7.59%
	June	2,770,330	2,552,402	37,476,291	34,579,611	2,896,680	7.73%
	July	2,624,130	2,840,335	37,324,318	34,848,585	2,475,733	6.63%
	August	2,933,270	2,437,773	37,595,202	35,140,044	2,455,158	6.53%
	September	2,390,496	2,082,457	37,646,191	35,223,558	2,422,633	6.44%
	October	2,738,945	2,967,786	37,810,776	35,443,430	2,367,346	6.26%

# LICKING VALLEY RECC CASE NO. 2009-00016 WEST LIBERTY SUBSTATION LINE LOSSES

							İ
				Rolling 12	Rolling 12		
	***************************************	kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	3,029,363	2,626,660				
	February	2,562,989	2,120,898				
	March	2,250,226	1,815,868				
	April	1,748,274	1,439,692			· · · · · · · · · · · · · · · · · · ·	
	May	1,596,711	1,631,207	***************************************		······································	
	June	1,818,627	1,671,973				
	July	1,962,109	1,689,922				
	August	1,901,149	1,575,909				
	September	1,662,052	1,390,571				
	October	1,807,736	1,828,450				
	November	2,364,578	2,199,927			-	
	December	2,804,902	2,481,328	25,508,716	22,472,405	3,036,311	11.90%
2009	January	3,008,665	2,772,714	25,488,018	22,618,459	2,869,559	11.26%
	February	2,327,341	2,142,237	25,252,370	22,639,798	2,612,572	10.35%
	March	2,064,388	1,837,128	25,066,532	22,661,058	2,405,474	9.60%
	April	1,703,633	1,419,085	25,021,891	22,640,451	2,381,440	9.52%
	May	1,527,837	1,472,888	24,953,017	22,482,132	2,470,885	9.90%
	June	1,705,067	1,630,075	24,839,457	22,440,234	2,399,223	9.66%
	July	1,695,334	1,818,619	24,572,682	22,568,931	2,003,751	8.15%
	August	1,789,340	1,596,007	24,460,873	22,589,029	1,871,844	7.65%
	September	1,454,515	1,365,476	24,253,336	22,563,934	1,689,402	6.97%
	October	1,686,953	1,848,386	24,132,553	22,583,870	1,548,683	6.42%

#### LICKING VALLEY RECC CASE NO. 2009-00016 ZACHARIAH SUBSTATION LINE LOSSES

				Rolling 12	Rolling 12	.,,	
		kWh	Kwh	kWh	Kwh	Line	Line Loss
Year	Month	Purchases	Sales	Purchases	Sales	Losses	Percent
2008	January	1,519,759	1,323,821				
	February	1,319,483	1,096,459				
	March	1,184,082	984,020				
	April	888,962	708,796				
	May	855,334	929,769				
	June	1,009,162	921,595				
	July	1,101,854	995,606				
	August	1,090,256	892,676				
	September	950,443	749,111				
	October	938,815	927,032				
	November	1,208,107	1,181,577				
	December	1,457,361	1,268,963	13,523,618	11,979,425	1,544,193	11.42%
2009	January	1,430,552	973,894	13,434,411	11,629,498	1,804,913	13.43%
	February	1,124,441	1,377,097	13,239,369	11,910,136	1,329,233	10.04%
	March	1,120,830	1,030,601	13,176,117	11,956,717	1,219,400	9.25%
	April	965,855	772,745	13,253,010	12,020,666	1,232,344	9.30%
	May	895,006	851,744	13,292,682	11,942,641	1,350,041	10.16%
	June	1,037,162	968,343	13,320,682	11,989,389	1,331,293	9.99%
	July	1,019,896	1,057,112	13,238,724	12,050,895	1,187,829	8.97%
	August	1,112,769	897,893	13,261,237	12,056,112	1,205,125	9.09%
	September	908,522	755,466	13,219,316	12,062,467	1,156,849	8.75%
	October	976,448	967,111	13,256,949	12,102,546	1,154,403	8.71%
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