

Licking Valley Rural Electric

Case No. 2016-00174

Revenue Analysis

October 31, 2015

Exhibit J

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Witness: Jim Adkins

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Rate Schedule	Kwh Useage	Test Year Revenue	Percent of Total	Normalized Case No. 2010-00505	Percent of Total	Proposed Revenue	Percent of Total	Increase	
								Amount	Percent
A - Residential, Farm, Small Com. Hall & Ch.	190,025,262	\$ 19,582,010	75%	\$ 19,574,757	75%	\$ 20,946,005	76%	\$ 1,371,248	7.0%
A - Prepay	122,523	\$13,413	0%	\$13,413	0%	\$14,196	0%	784	5.8%
B - Commercial and Small Power	9,794,521	1,041,363	4%	1,041,363	4%	1,129,556	4%	88,193	8.5%
LP, Large Power Service	35,524,937	3,547,808	14%	3,547,808	14%	3,600,920	13%	53,112	1.5%
LPR, Large Power Rate	12,238,088	947,984	4%	947,984	4%	948,511	3%	527	0.1%
SL - Security Lights	6,407,816	977,576	4%	977,576	4%	1,026,370	4%	48,795	5.0%
Envirowatts	31,400	864	0%	864	0%	864	0%	-	0.0%
						0		-	
Total from base rates	<u>254,144,547</u>	26,111,016	100%	<u>\$ 26,103,763</u>	100%	<u>\$ 27,666,422</u>	100%	<u>\$ 1,562,659</u>	6.0%
Fuel adjustment billed		(829,580)							
Environmental surcharge billed		<u>2,526,545</u>							
		<u>\$ 27,807,981</u>							
Increase				<u>\$ (7,253)</u>		<u>\$ 1,562,659</u>			

Schedule A - Residential, Farm, Small Community Hall & Churches

<u>Description</u>	Billing Determinants	Test Year Revenues	Normalized Case No. 2010-00505		Proposed	
			Rates	Revenues	Rates	Revenues
Customer Charge	192,907	\$1,797,893	\$9.32	\$1,797,893	\$15.00	\$2,893,605
Energy charge per kWh	190,025,262	17,784,116	\$0.093550	17,776,863	\$0.095000	18,052,400
Total from base rates		19,582,010		<u>\$19,574,757</u>		<u>\$20,946,005</u>
Fuel adjustment		(631,246)				
Environmental surcharge		1,986,651				
Total revenues		<u>\$20,937,415</u>				
Amount				(\$7,253)		\$1,371,248
Percent				0.0%		7.0%
Average monthly bill		\$101.51		\$101.47		\$108.58
Amount				(\$0.04)		\$7.11
Percent				0.0%		7.0%

Schedule A - Residential, Farm, Small Community Hall & Churches (Prepay Service)

<u>Description</u>	Billing Determinants	Test Year Revenues	Normalized Case No. 2010-00505		Proposed	
			Rates	Revenues	Rates	Revenues
Customer Charge	139	\$1,295	\$9.32	\$1,295	\$15.00	\$2,085
Energy charge per kWh	122,523	11,462	\$0.093550	11,462	\$0.095000	11,640
Prepay Fee	131	655	\$5.00	655	\$3.60	472
Total from base rates		13,413		<u>\$13,413</u>		<u>\$14,196</u>
Fuel adjustment		0				
Environmental surcharge		0				
Total revenues		<u>\$13,413</u>				
Amount				\$0		\$784
Percent				0.0%		5.8%
Average monthly bill		\$96.49		\$96.49		\$102.13
Amount				\$0.00		\$5.64
Percent				0.0%		5.8%

Schedule B, Commercial and Small Power

<u>Description</u>	Billing Determinants	Test Year Revenues	Normalized Case No. 2010-00505		Proposed	
			Rates	Revenues	Rates	Revenues
Customer Charge	10,750	\$222,633	\$20.71	\$222,633	\$28.75	\$309,063
Energy charge	9,794,521	811,182	\$0.082820	811,182	\$0.083000	812,945
Minimum kva capacity		<u>7,548</u>		<u>7,548</u>		<u>7,548</u>
Total from base rates		1,041,363		<u>\$1,041,363</u>		<u>\$1,129,556</u>
Fuel adjustment		(34,069)				
Environmental surcharge		<u>103,197</u>				
Total revenues		<u>\$1,110,491</u>				
Amount				\$0		\$88,193
Percent				0.0%		8.5%
Average monthly bill		\$96.87		\$96.87		\$105.07
Amount				\$0.00		\$8.20
Percent				0.0%		8.5%

Schedule LP, Large Power Service

<u>Description</u>	Billing Determinants	Test Year Revenues	Normalized Case No. 2010-00505		Proposed	
			Rates	Revenues	Rates	Revenues
Customer Charge	2,577	\$131,272	\$50.94	\$131,272	\$71.55	\$184,384
Demand Charge	132,643	976,251	\$7.36	976,251	\$7.36	976,251
Energy charge	35,524,937	2,447,206	\$0.068887	2,447,206	\$0.068887	2,447,206
Primary meter discount		<u>(6,921)</u>		<u>(6,921)</u>		<u>(6,921)</u>
Total from base rates		3,547,808		<u><u>\$3,547,808</u></u>		<u><u>\$3,600,920</u></u>
Fuel adjustment		(123,000)				
Environmental surcharge		<u>345,284</u>				
Total revenues		<u><u>\$3,770,092</u></u>				
Amount				\$0		\$53,112
Percent				0.0%		1.5%
Average monthly bill		\$1,376.72		\$1,376.72		\$1,397.33
Amount				\$0.00		\$20.61
Percent				0.0%		1.5%

Schedule LPR - Large Power Rate

<u>Description</u>	Billing Determinants	Test Year Revenues	Normalized Case No. 2010-00505		Proposed	
			Rates	Revenues	Rates	Revenues
Customer Charge	65	\$6,623	\$101.89	\$6,623	\$110.00	\$7,150
Demand Charge	30,527.333	210,944	\$6.91	210,944	\$6.91	210,944
Energy charge	12,238,088	739,658	\$0.060439	739,658	\$0.060439	739,658
Primary meter discount		<u>(9,241)</u>		<u>(9,241)</u>		<u>(9,241)</u>
Total from base rates		947,984		<u><u>\$947,984</u></u>		<u><u>\$948,511</u></u>
Fuel adjustment		(40,574)				
Environmental surcharge		<u>88,524</u>				
Total revenues		<u><u>\$995,934</u></u>				
Amount				\$0		\$527
Percent				0.0%		0.1%
Average monthly bill		\$14,584.37		\$14,584.37		\$14,592.48
Amount				\$0.00		\$8.11
Percent				0.0%		0.1%

Schedule SL, Security Lights

Description	Billing Determinants	Test Year Revenues	Normalized Case No. 2010-00505		Proposed	
			Rates	Revenues	Rates	Revenues
175 Watt MV	80,939	811,009	\$10.02	811,009	\$10.52	851,478
100 Watt Halide	14,865	148,947	\$10.02	148,947	\$10.52	156,380
250 Watt Halide	195	3,013	\$15.45	3,013	\$16.22	3,163
400 Watt Halide	275	5,860	\$21.31	5,860	\$22.38	6,155
25' Pole	2,195	6,387	\$2.91	6,387	\$3.06	6,717
30' Pole	700	2,359	\$3.37	2,359	\$3.54	2,478
68 Watt LED Light	0	0	\$8.95	0	\$0.00	0
108 Warr LED Light	0	0	\$10.74	0	\$0.00	0
202 Watt LED Light	0	0	\$16.96	0	\$0.00	0
kWh	<u>6,407,816</u>			<u>0</u>		<u>0</u>
Total from base rates		977,576		<u>\$977,576</u>		<u>\$1,026,370</u>
Fuel adjustment		(691)				
Environmental surcharge		<u>2,889</u>				
Total revenues		<u>\$979,773</u>				
Amount				\$0		\$48,795
Percent				0.00%		4.99%

Envirowatts

<u>Description</u>	Billing Determinants	Test Year Revenues	Normalized Case No. 2010-00505		Proposed	
			Rates	Revenues	Rates	Revenues
Envirowatts		864	\$0.02750	864	\$0.02750	864
kWh	<u>31,400</u>					
Billing adjustments				<u>0</u>		<u>0</u>
Total from base rates		864		<u>\$864</u>		<u>\$864</u>
Fuel adjustment		0				
Environmental surcharge		<u>0</u>				
Total revenues		<u>\$864</u>				
Amount				\$0		\$0
Percent				0.0%		0.0%