

**EXHIBIT NO. \_\_\_(JAP-32)  
DOCKETS UE-17\_\_\_/UG-17\_\_\_  
2017 PSE GENERAL RATE CASE  
WITNESS: JON A. PILIARIS**

**BEFORE THE  
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

**WASHINGTON UTILITIES AND  
TRANSPORTATION COMMISSION,**

**Complainant,**

**v.**

**PUGET SOUND ENERGY,**

**Respondent.**

**Docket UE-17\_\_\_**

**Docket UG-17\_\_\_**

**THIRTY-FIRST EXHIBIT (NONCONFIDENTIAL) TO THE  
PREFILED DIRECT TESTIMONY OF**

**JON A. PILIARIS**

**ON BEHALF OF PUGET SOUND ENERGY**

**JANUARY 13, 2017**

**Puget Sound Energy**  
**ELECTRIC CRM REVENUE REQUIREMENT MODEL**  
**Program Year 2017**  
**Calculation of Schedule 149 Electric Rider Rates**

Line No.	Description	<u>Revenue Requirement</u>	<u>Revenue Requirement % to Total</u>	<u>Overhead &amp; Underground Revenue Requirement Allocation</u>
1	Revenue Requirement	\$ 10,479,212		
2				
3	Program Plant Investment:			
4	Cable Replacement	\$ 39,166,570	51.26%	
5	Underground Circuit	\$ 8,642,814	11.31%	
6	Total Underground	<u>\$ 47,809,384</u>	<u>62.57%</u>	<u>\$ 6,556,734 A</u>
7	Overhead Circuit	\$ 24,273,319	31.77%	
8	Poles	\$ 4,328,000	5.66%	
9	Total Overhead	<u>\$ 28,601,319</u>	<u>37.43%</u>	<u>\$ 3,922,478 B</u>
10		<u>\$ 76,410,703</u>	<u>100.00%</u>	<u>\$ 10,479,212</u>

Line No.	Schedule	<u>Schedule 149 \$ / kWh Charge</u>	<u>kWh Year Ending September 2016</u>	<u>Total Revenue Requirement</u>	<u>Underground Revenue Requirement</u>	<u>Overhead Revenue Requirement</u>	<u>Underground Line Miles</u>	<u>Overhead Line Miles</u>
		a =	b	c =	d =	e =	f	g
		c / b		d + e	(f / Σf) * A	(g / Σg) * B		
15	7	\$ 0.000804	10,442,426,489	\$ 8,395,979	\$ 5,265,908	\$ 3,130,071	871.99	1,093.42
16	24	\$ 0.000410	2,787,459,007	\$ 1,143,020	\$ 698,767	\$ 444,253	115.71	155.19
17	25	\$ 0.000199	2,830,898,777	\$ 564,092	\$ 358,955	\$ 205,137	59.44	71.66
18	26	\$ 0.000093	1,854,449,604	\$ 172,230	\$ 98,918	\$ 73,312	16.38	25.61
19	31	\$ 0.000062	1,264,534,374	\$ 77,865	\$ 46,319	\$ 31,546	7.67	11.02
20	43	\$ 0.001010	119,660,401	\$ 120,907	\$ 84,666	\$ 36,241	14.02	12.66
21	Lights	n/a	77,972,349	\$ 5,119	\$ 3,201	\$ 1,918	0.53	0.67
22	Total	<u>\$ 0.000541</u>	<u>19,377,401,003</u>	<u>\$ 10,479,212</u>	<u>\$ 6,556,734</u>	<u>\$ 3,922,478</u>	<u>1,085.74</u>	<u>1,370.23</u>