

Exhibit No.____(BAC-3)
Docket UE-14____
Witness: Barbara A. Coughlin

**BEFORE THE
WASHINGTON UTILITIES AND TRANSPORTATION COMMISSION**

WASHINGTON UTILITIES AND
TRANSPORTATION COMMISSION,

Complainant,

v.

PACIFIC POWER & LIGHT COMPANY,
a division of PacifiCorp

Respondent.

Docket UE-14____

PACIFIC POWER & LIGHT COMPANY

EXHIBIT OF BARBARA A. COUGHLIN

Non-Radio-Frequency Meter Accommodation

May 2014

**Cost Calculation for Washington
Non-Radio-Frequency Meter Accommodation
Installation and Removal Costs for Non-Radio-Frequency Meter**

<u>Install of Non-Radio-Frequency Meter (ITRON to GE)</u>		
<i>Meter Cost</i>		
1a Non-radio-frequency transmitting meter cost (Residential)		\$80.94
1b (Less) Standard meter ¹ cost		-\$31.00
<i>Labor (MTX Task)</i>		
2a Meterman - Hourly Activity Rate	\$98.39	
2b Installation time (hours)	0.31	\$30.69
2c Travel time (hours)	0.33	\$32.59
2d Test/Restock Removed Meter (hours) ²	0.33	\$32.47
Total Install Cost (Labor plus Material)		\$145.68
<u>Subsequent Removal of Non-Radio-Frequency Meter</u>		
<i>Labor (MTX Task)</i>		
3a Installation time (hours)	0.31	\$30.69
3b Travel time (hours) ²	0.33	\$32.59
3c Test/Restock Removed Meter (hours)	0.33	\$32.47
<i>Total Removal Cost (Labor Only)</i>		<i>\$95.74</i>
Total Install and Removal Cost		\$241.42

Manual Reading of Non-Radio-Frequency Meter

<u>Monthly Cost</u>		
<i>Labor (GSR and MSR Task)</i>		
4a Field Service Specialist - Hourly Activity Rate	\$64.74	
4b Time to read meter (hours) ³	0.04	\$2.85
4c Travel time (hours) ³	0.29	\$19.03
Total Monthly Manual Reading Cost		\$21.88

MWM Average Task Duration

Work Order Type	Avg Travel Time (minutes) ⁴	Avg Completion Time (minutes)	Avg Travel Time (hours)	Avg Completion Time (hours)
GSR - Guarantee Special Read	17.31	2.25	0.29	0.04
MSR - Meter Special Read	17.96	3.04	0.30	0.05
MTX - Meter Exchange	9.94	18.71	0.17	0.31

1 Standard meter designation is subject to change.
2 Time listed to Test/Restock Removed Meter is based on Meter Engineering Study.
3 Average of the MWM Task Duration GSR and MSR.
4 Average Travel Time listed for GSR and MSR is for a round trip. Average Travel Time listed for MTX is one way.