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### **OSHAWA PUC NETWORKS INC.**

## **Undertaking J2.11**

To advise, if the board doesn't agree to adjustments, what forecast OPUCN wants; and is it reasonable for parties to then want to know what is the rate impact of that scenario.

### Response:

Please see response to interrogatory J2.4 for discussion of the load forecast that OPUCN would propose in the event that the Board did not permit in-period load forecast adjustments.

In the scenario where no load forecast adjustments were permitted during the rate plan term, the rate impact of the load forecast discussed in J2.4 would be as follows. These rates are prepared under the assumption that rates are approved September 1, 2015, with recovery of foregone revenue for the period January 1, 2015 to August 31, 2015 allowed over the four year period 2016 to 2019.

#### Distribution Rate & Bill Impacts (inclusive of rate smoothing): \$

Customer Class								
Customer Class		2015	2016	2017	2018	2019	2014-2019	
Distribution Sub-Total (includes DVA, Smart Meter rate riders & line loss on Cost of Power)								
Residential	800 kWh	\$1.93	\$2.17	\$2.37	\$2.39	\$2.72	\$11.58	
GS Less Than 50 KW	2000 kWh	\$2.17	\$2.23	\$2.35	\$2.43	\$2.13	\$11.31	
GS 50 To 999 KW	480 KW	\$92.16	\$101.84	\$105.59	\$106.69	\$112.80	\$519.09	
GS 1,000 To 4,999 KW	919 KW	\$(231.99)	\$279.17	\$89.74	\$215.54	\$126.73	\$479.19	
Large Use	7828 KW	\$(705.7)	\$2,078.2	\$648.3	\$1,550.9	\$916.3	\$4,488.0	
Street Lighting	0.12/0.08 KW	\$0.19	\$(0.62)	\$0.14	\$0.34	\$0.20	\$0.26	
Sentinel Lighting	0.4 KW	\$1.96	\$0.70	\$0.37	\$0.72	\$0.43	\$4.18	
Unmetered Scattered Load	750 kWh	\$1.69	\$2.30	\$2.24	\$2.52	\$2.83	\$11.57	
Customer Class			Year ov	ver Year \$ 0	Change			
Customer Class		2015	Year ov 2016	ver Year \$ 0 2017	Change 2018	2019	2014-2019	
Customer Class		2015				2019	2014-2019	
Customer Class  Total Bill (including OCEB)		2015				2019	2014-2019	
	800 kWh	<b>2015</b> \$2.81				<b>2019</b> \$2.76	<b>2014-2019</b> \$12.62	
Total Bill (including OCEB)	800 kWh 2000 kWh		2016	2017	2018			
Total Bill (including OCEB) Residential		\$2.81	<b>2016</b> \$2.21	<b>2017</b> \$2.41	<b>2018</b> \$2.43	\$2.76	\$12.62	
Total Bill (including OCEB) Residential GS Less Than 50 KW	2000 kWh	\$2.81 \$4.34	\$2.21 \$2.26	\$2.41 \$2.40	\$2.43 \$2.47	\$2.76 \$2.17	\$12.62 \$13.62	
Total Bill (including OCEB) Residential GS Less Than 50 KW GS 50 To 999 KW	2000 kWh 480 KW	\$2.81 \$4.34 \$246.71	\$2.21 \$2.26 \$103.58	\$2.41 \$2.40 \$107.38	\$2.43 \$2.47 \$108.51	\$2.76 \$2.17 \$114.72	\$12.62 \$13.62 \$680.89	
Total Bill (including OCEB) Residential GS Less Than 50 KW GS 50 To 999 KW GS 1,000 To 4,999 KW	2000 kWh 480 KW 919 KW	\$2.81 \$4.34 \$246.71 \$140.17	\$2.21 \$2.26 \$103.58 \$283.92	\$2.41 \$2.40 \$107.38 \$91.27	\$2.43 \$2.47 \$108.51 \$219.20	\$2.76 \$2.17 \$114.72 \$128.88	\$12.62 \$13.62 \$680.89 \$863.43	
Total Bill (including OCEB) Residential GS Less Than 50 KW GS 50 To 999 KW GS 1,000 To 4,999 KW Large Use	2000 kWh 480 KW 919 KW 7828 KW	\$2.81 \$4.34 \$246.71 \$140.17 \$2,613.8	\$2.21 \$2.26 \$103.58 \$283.92 \$2,113.6	\$2.41 \$2.40 \$107.38 \$91.27 \$659.3	\$2.43 \$2.47 \$108.51 \$219.20 \$1,577.3	\$2.76 \$2.17 \$114.72 \$128.88 \$931.8	\$12.62 \$13.62 \$680.89 \$863.43 \$7,895.8	

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# Distribution Rate & Bill Impacts (inclusive of rate smoothing): %

Customer Class			CAGR					
		2015	2016	2017	2018	2019	2014-2019	
Sub-Total B - Distribution (includes DVA, Smart Meter rate riders & line loss on Cost of Power)								
Residential	800 kWh	8.4%	8.7%	8.7%	8.1%	8.5%	8.5%	
GS Less Than 50 KW	2000 kWh	4.0%	3.9%	4.0%	4.0%	3.3%	3.8%	
GS 50 To 999 KW	480 KW	3.9%	4.1%	4.1%	4.0%	4.0%	4.0%	
GS 1,000 To 4,999 KW	919 KW	(4.4)%	5.6%	1.7%	4.0%	2.3%	1.8%	
Large Use	7828 KW	(2.4)%	7.3%	2.1%	5.0%	2.8%	2.9%	
Street Lighting	0.12/0.08 KW	3.9%	(12.0)%	3.1%	7.3%	3.9%	1.0%	
Sentinel Lighting	0.4 KW	26.4%	7.4%	3.7%	6.9%	3.8%	9.3%	
Unmetered Scattered Load	750 kWh	10.1%	12.5%	10.8%	11.0%	11.1%	11.1%	
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			Year ov	er Year % (	Change		CAGR	
Customer Class		2015	Year ov 2016	er Year % ( 2017	Change 2018	2019	CAGR 2014-2019	
		2015				2019		
Customer Class	800 kWh	2015				2019		
Customer Class  Total Bill (including OCEB)	800 kWh 2000 kWh		2016	2017	2018		2014-2019	
Customer Class  Total Bill (including OCEB) Residential		2.3%	<b>2016</b> 1.8%	<b>2017</b> 1.9%	<b>2018</b> 1.9%	2.1%	2.0%	
Customer Class  Total Bill (including OCEB) Residential GS Less Than 50 KW	2000 kWh	2.3% 1.5%	2016 1.8% 0.8%	2017 1.9% 0.8%	2018 1.9% 0.8%	2.1% 0.7%	2.0% 0.9%	
Customer Class  Total Bill (including OCEB) Residential GS Less Than 50 KW GS 50 To 999 KW	2000 kWh 480 KW	2.3% 1.5% 1.3%	1.8% 0.8% 0.5%	1.9% 0.8% 0.5%	2018 1.9% 0.8% 0.5%	2.1% 0.7% 0.6%	2.0% 0.9% 0.7%	
Customer Class  Total Bill (including OCEB) Residential GS Less Than 50 KW GS 50 To 999 KW GS 1,000 To 4,999 KW	2000 kWh 480 KW 919 KW	2.3% 1.5% 1.3% 0.3%	2016 1.8% 0.8% 0.5% 0.5%	1.9% 0.8% 0.5% 0.2%	2018 1.9% 0.8% 0.5% 0.4%	2.1% 0.7% 0.6% 0.2%	2.0% 0.9% 0.7% 0.3%	
Customer Class  Total Bill (including OCEB) Residential GS Less Than 50 KW GS 50 To 999 KW GS 1,000 To 4,999 KW Large Use	2000 kWh 480 KW 919 KW 7828 KW	2.3% 1.5% 1.3% 0.3% 0.6%	1.8% 0.8% 0.5% 0.5% 0.4%	1.9% 0.8% 0.5% 0.2% 0.1%	2018 1.9% 0.8% 0.5% 0.4% 0.3%	2.1% 0.7% 0.6% 0.2% 0.2%	2.0% 0.9% 0.7% 0.3% 0.3%	