

Message

From: Joyce Poon [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=3093C75378834FD195C6A07D2C0ADED1-JOYCE POON]
Sent: 2017-10-25 1:35:18 PM
To: George Pessione [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fe1264f59cb3428a90a73766e96ea517-George Pess]
Subject: RE: Industrial Rates

The difference is just the industrial rates.

From: George Pessione
Sent: October 25, 2017 1:23 PM
To: Joyce Poon
Subject: FW: Industrial Rates

Joyce – As discussed would you show how these compare with your numbers.

I assume these are the only differences in costs?

George Pessione | Director, Resource Integration - Power System Planning

T: 416-969-6261 | FAX 416-969-6384 | C: (416) 627-3323

E-Mail: george.pessione@IESO.ca

Independent Electricity System Operator (IESO)

120 Adelaide St. W., Suite 1600, Toronto, Ontario M5H 1T1

Web: www.ieso.ca | Twitter: [IESO Tweets](#) | LinkedIn: [IESO](#)

From: Ho, Larissa (ENERGY) [<mailto:Larissa.Ho@ontario.ca>]
Sent: October 25, 2017 11:50 AM
To: Joyce Poon
Cc: George Pessione
Subject: RE: Industrial Rates

Hi Joyce,

Table with the breakdown below.

I suspect the difference is primarily in the transmission line as my approach was quick but simple. I took the wholesale transmission charge from most recent Monthly Market Report at the time (about \$10/MWh), and applied the annual rate of change observed from the transmission charge in the residential forecast.

- As noted in the Monthly Market Report, the wholesale transmission charge is calculated by summing all transmission-related fees paid by all loads in the province and dividing that by the total energy delivered to those loads. I recognize that it is not representative of any particular customer as it does not account for peak consumption pattern etc.

WMSC was adjusted in two ways – first, converted to \$/MWh from \$/750kWh observed in the residential forecast. Secondly, as per the 2017 LTEP Assumptions document, the residential bills are base bills prior to the application of Ontario's Fair Hydro Plan. Therefore, to reflect the impact of OFHP, the cost of OESP and RRRP were removed based on estimates provided by Ministry colleagues.

- As a test, I compared the total WMSC in a 2017 Monthly Market Report and subtracted the cost of OESP and RRRP listed. The result was relatively in line with the estimate of \$3/MWh for 2017 below.

Happy to chat. May you share the industrial rates you developed as well?

Thanks,
Larissa

Class A (\$nominal/MWh)	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Hourly Ontario Energy Price		26	28	27	31	36	40	48	44	53	49	50	51	53	57
Class A Global Adjustment		36	36	39	38	35	34	32	36	32	36	37	37	36	34
Transmission	10	11	11	12	12	13	13	14	14	14	14	15	15	15	15
Adjusted WMSC Debt Retirement Charge		3	2	2	2	2	2	2	2	2	2	2	2	2	2
		7	2												
Total		83	80	79	84	86	90	95	96	102	101	103	104	105	107

From: Joyce Poon [<mailto:Joyce.Poon@ieso.ca>]
Sent: October 25, 2017 10:08 AM
To: Ho, Larissa (ENERGY)
Cc: George Pessione
Subject: Industrial Rates

Hi Larissa,

Could you provide me with the derivation of the industrial rates you produced by component: Class A GA, HOEP, Tx, Regulatory and DRC so I can compare by line item the industrial rates I developed from the model.

Thanks,

Joyce Poon | Senior Planner

Independent Electricity System Operator (IESO) | T: (416) 969-6024 | C: (416) 294-4942 | E: joyce.poon@IESO.ca

1600 - 120 Adelaide Street West, Toronto, Ontario, M5H 1T1

Web: www.ieso.ca | Twitter: [IESO_Tweets](https://twitter.com/IESO_Tweets) | LinkedIn: [IESO](https://www.linkedin.com/company/ieso)

Conservation: www.saveONenergy.ca | Twitter: [saveONenergyOnt](https://twitter.com/saveONenergyOnt) | LinkedIn: [saveONenergy](https://www.linkedin.com/company/saveONenergy)

This e-mail message and any files transmitted with it are intended only for the named recipient(s) above and may contain information that is privileged, confidential and/or exempt from disclosure under applicable law. If you are not the intended recipient(s), any dissemination, distribution or copying of this e-mail message or any files transmitted with it is strictly prohibited. If you have received this message in error, or are not the named recipient(s), please notify the sender immediately and delete this e-mail message.