

Message

**From:** RYFA Ken -TREASURY [ken.ryfa@opg.com]  
**Sent:** 2017-11-17 10:52:48 AM  
**To:** Jeannette Briggs [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=148095610f7242f48a5a9da24b1a8a87-Jeannette B]  
**CC:** Anthony Martinello [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3fb7d76317b34780b15d96309b995c31-Anthony Mar]; LADAK Lubna - TREASURY [lubna.ladak@opg.com]; LEE John -TREASURY [john.s.lee@opg.com]; GO Matthew -TREASURY [matthew.go@opg.com]; TULLY Keegan -CBUSDEV&STRT [keegan.tully@opg.com]; Michael Boll [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4811917e15054407b665fe16d12ff415-Michael Bol]  
**Subject:** RE: EXTERNAL – RE: information on specified consumers consumption and corresponding Ontario demand

Jeannette,

A clarifying question:

Since the financial model is based on the Ontario demand from the IESO OPO we need to understand the difference between the AQEW amount and total Ontario demand. Below I've shown the difference between AQEW and total demand per the IESO's Ontario Energy Report. I assume the difference is just transmission system losses. Please clarify or confirm.

|                                      |         | 2012            | 2013            | 2014            | 2015            | 2016            |
|--------------------------------------|---------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Total Ontario Demand                 | A       | 141,300,000,000 | 140,700,000,000 | 139,800,000,000 | 137,000,000,000 | 137,000,000,000 |
| Total Market AQEW                    | B       |                 |                 | 137,142,428,679 | 134,569,786,641 | 134,334,121,575 |
| Estimated Transmission System Losses | A-<br>B |                 |                 | 2,657,571,321   | 2,430,213,359   | 2,665,878,425   |
| As % of Total Ontario Demand         |         |                 |                 | 1.9%            | 1.8%            | 1.9%            |

In case you are interested below is the basis of the 50% which we received from the MOE. I've inserted totals and the total Ontario demand from the IESO report. The total RPP volume lines up with the information you have provided.

**Basis of volume eligible for FHP**

| Component                 | Unit | Value |                                         |
|---------------------------|------|-------|-----------------------------------------|
| Residential sector RPP    | TWh  | 37.8  | Source: ENERGY estimate                 |
| Residential sector Retail | TWh  | 4.2   | Source: ENERGY estimate / OCEB database |
| Multi-unit sector RPP     | TWh  | 6.3   | Source: ENERGY estimate                 |
| Multi-unit sector Retail  | TWh  | 0.7   | Source: ENERGY estimate / OCEB database |
| Commercial sector RPP     | TWh  | 14.9  | Source: ENERGY estimate                 |
| Commercial sector Retail  | TWh  | 5.1   | Source: ENERGY estimate / OCEB database |

|                                         |            |             |                         |
|-----------------------------------------|------------|-------------|-------------------------|
| Farms                                   | TWh        | 1.9         | Source: IESO OPO        |
| <b>Total volume eligible for rebate</b> | <b>TWh</b> | <b>70.9</b> | Source: ENERGY estimate |

|                           |     |      |
|---------------------------|-----|------|
| Total RPP volume          | TWh | 59.0 |
| Total Non-RPP volume      | TWh | 11.9 |
| Total FHP volume eligible | TWh | 70.9 |

|                                      |       |
|--------------------------------------|-------|
| Total Ontario Demand avg 2015 & 2016 | 137   |
| % of Ontario Demand eligible for FHP | 51.8% |

Thanks for your help.  
Ken

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**From:** Jeannette Briggs [mailto:jeannette.briggs@ieso.ca]  
**Sent:** Friday, November 17, 2017 9:16 AM  
**To:** RYFA Ken -TREASURY <ken.ryfa@opg.com>  
**Cc:** Anthony Martinello <Anthony.Martinello@ieso.ca>; LADAK Lubna -TREASURY <lubna.ladak@opg.com>; LEE John - TREASURY <john.s.lee@opg.com>; GO Matthew -TREASURY <matthew.go@opg.com>; TULLY Keegan -CBUSDEV&STRT <keegan.tully@opg.com>; Michael Boll <Michael.Boll@ieso.ca>  
**Subject:** RE: EXTERNAL – RE: information on specified consumers consumption and corresponding Ontario demand

I added the dollars to the spreadsheet provided yesterday – look at tab 2017 OFHP. What the numbers illustrate from Jan – April was an RPP rate set to reduce under collection relative to actual commodity costs of energy and GA for 2016 paid by RPP consumers. Then the OEB was directed through OFHPA work that a reduction on bills was expected and they put in a new rate that stopped this effective May 1. The full impact of OFHPA reduction and the associated specified consumers started July 1. Note due to expected LDC billing timing, July was a transition month. August onwards is more reflective of actual volume and dollars.

I have a question out to my staff as to why the non-RRP kWhs is double in Sept which represents about a \$20M spike in deferral \$. We will let you know if when we can explain this. Let me know if you have any further questions. JB

*Regards,*

*Jeannette Briggs* Director, Settlements - Corporate Services  
Independent Electricity System Operator (IESO) | T: 905-855-6364 | C: 416-997-6364  
Station A, Box 4474, Toronto, ON, M5W 4E5  
Web: [www.ieso.ca](http://www.ieso.ca) | Twitter: [IESO\\_Tweets](https://twitter.com/IESO_Tweets) | LinkedIn: [IESO](https://www.linkedin.com/company/ieso)  
Conservation: [www.saveONenergy.ca](http://www.saveONenergy.ca) | Twitter: [saveONenergyOnt](https://twitter.com/saveONenergyOnt) | LinkedIn: [saveONenergy](https://www.linkedin.com/company/saveONenergy)

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**From:** RYFA Ken -TREASURY [mailto:ken.ryfa@opg.com]  
**Sent:** November 17, 2017 8:07 AM  
**To:** Jeannette Briggs  
**Cc:** Anthony Martinello; LADAK Lubna -TREASURY; LEE John -TREASURY; GO Matthew -TREASURY; TULLY Keegan -

CBUSDEV&STRT; Michael Boll

**Subject:** RE: EXTERNAL – RE: information on specified consumers consumption and corresponding Ontario demand

Jeannette,

Thanks. I received another information request from Moody's. Would you have the total number of specified consumers that is associated with the dollars/volume?

Ken

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**From:** Jeannette Briggs [<mailto:jeannette.briggs@ieso.ca>]

**Sent:** Thursday, November 16, 2017 4:32 PM

**To:** RYFA Ken -TREASURY <[ken.ryfa@opg.com](mailto:ken.ryfa@opg.com)>

**Cc:** Anthony Martinello <[Anthony.Martinello@ieso.ca](mailto:Anthony.Martinello@ieso.ca)>; LADAK Lubna -TREASURY <[lubna.ladak@opg.com](mailto:lubna.ladak@opg.com)>; LEE John - TREASURY <[john.s.lee@opg.com](mailto:john.s.lee@opg.com)>; GO Matthew -TREASURY <[matthew.go@opg.com](mailto:matthew.go@opg.com)>; TULLY Keegan -CBUSDEV&STRT <[keegan.tully@opg.com](mailto:keegan.tully@opg.com)>; Michael Boll <[Michael.Boll@ieso.ca](mailto:Michael.Boll@ieso.ca)>

**Subject:** EXTERNAL – RE: information on specified consumers consumption and corresponding Ontario demand

**Importance:** High

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Ken,

I just checked on Ontario Rebate for Electricity Consumers (OREC) which started January 2017 because it is the same group as the specified consumers for Ontario Fair Hydro Program (OFHP). I was trying to get as much data for specified consumers as possible. Unfortunately the requirement for the Ministry is simply dollars rebated on bills and no corresponding kWhs.

However, we have data we can share on OFHP for the Non-RPP for July - Oct. I had on hand 2014 – 2017 RPP values and I have asked my staff to go back to 2005 – 2013 for similar data. Note this is what we receive from LDC so it is not metered by the IESO. And in theory, it should align closely with the OEB Yearbook. As well, remember AQEW is at the load meter so losses and does not match published load values and 2017 is up to and including October only. With the Non-RPP using 50% as a proxy is pretty close to the appropriate %.

Will get the rest of the data once my staff pulls it.

*Regards,*

*Jeannette Briggs* Director, Settlements - Corporate Services

Independent Electricity System Operator (IESO) | T: 905-855-6364 | C: 416-997-6364

Station A, Box 4474, Toronto, ON, M5W 4E5

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

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

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**From:** RYFA Ken -TREASURY [mailto:ken.ryfa@opg.com]

**Sent:** November 16, 2017 2:12 PM

**To:** Jeannette Briggs

**Cc:** Anthony Martinello; LADAK Lubna -TREASURY; LEE John -TREASURY; GO Matthew -TREASURY; TULLY Keegan - CBUSDEV&STRT

**Subject:** information on specified consumers consumption and corresponding Ontario demand

Jeannette,

Moody's is looking for information to assess the percentage of total demand being used to estimate the specified consumer volume in the model. I recall you said that the volume is being tracked since I think January 2017 or maybe earlier. Would you be able to provide this information along with the corresponding Ontario demand?

As well Moody's wanted to know how often the OPO is published. Would you be able to answer?

Thanks,

Ken

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