

Message

From: Darren Byers [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=627DFB2ED1744AEB8E17E89B6211FC57-DARREN BYER]
Sent: 2018-05-08 11:32:43 AM
To: Andrea Roszell [andrea.roszell@navigant.com]; Ali Golriz [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=a6a66b829af64da9988ad7465e24217f-Ali Golriz]; Katherine Sparkes [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=db35ab1eab764fb98adfcc8273e65e1d-Katherine S]
CC: Craig Sabine [craig.sabine@navigant.com]; Benjamin Grunfeld [benjamin.grunfeld@navigant.com]; Bala Krishnamoorthy [bala.krishnamoorthy@navigant.com]; Joyce Poon [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=3093c75378834fd195c6a07d2c0aded1-Joyce Poon]
Subject: RE: GA Allocation Data Request
Attachments: Summary table.2015.xlsx; 2015Dec.pdf

Hi Andrea-

The attached file provides most of what you are looking for. It is for 2015, but you indicate you just need one historical year. For more, we will have to pull a custom request which will take more time (I had this ready from another project). It does not include conservation- but this is available on our GA by component report (<http://www.ieso.ca/en/power-data/data-directory>). \$428.73M for 2015. It also includes DX connected resources- but does not call these out. Not sure if this is necessary? It also includes regulated assets- which I assume you are also interested in?

For capacity values and contract types I would refer you to our Active Generation Contract List (found on this page <http://www.ieso.ca/en/power-data/supply-overview/transmission-connected-generation#contractedelectricitysupply>). That is an excel file that you can sort by contract type/connection type and also includes capacity values. It will not include OPG regulated assets. I think the easiest source for that data might be one of OPG's reports. You could also refer to our daily generator output and capability reports (<http://www.ieso.ca/en/power-data/data-directory>)- but note that this is daily capability, not capacity- so includes outages, derates, etc.

For the TX system demand and export data- I would look at the monthly market reports we provide (<http://www.ieso.ca/en/power-data/market-summaries-archive>). I have attached the December 2015 one for consistency with the other data- but there is more recent available.

Please note that the excel file contains confidential information and is only to be used for the purposes of this work.

Take a look through all this and let me know what else might be needed and how it might help the analysis.

Darren Byers | Innovation, Research & Development | Policy, Innovation and Engagement
Independent Electricity System Operator (IESO) | T: (416) 969-2528
120 Adelaide Street West, Suite 1600, Toronto, ON M5H 1T1
Web: www.ieso.ca | Twitter: [IESO_Tweets](#) | LinkedIn: [IESO](#)

From: Andrea Roszell [mailto:andrea.roszell@navigant.com]
Sent: May 07, 2018 4:05 PM
To: Ali Golriz; Katherine Sparkes; Darren Byers
Cc: Craig Sabine; Benjamin Grunfeld; Bala Krishnamoorthy
Subject: GA Allocation Data Request

In order to examine re-allocation of the GA, we'd like to request the information below:

For 1 historical calendar year:

- Supply (For all contract types, by type (for example FIT, micro-FIT, CES, Bruce, OPG prescribed nuclear, conservation):
 - Contracted capacity
 - Annual Energy production
 - Wholesale Market revenues (HOEP + Ancillary service + Other)
 - Revenues under GA
- Demand (For each of the items below annual consumption and peak demand)
 - Ontario transmission system demand
 - Exports
 - Distribution connected embedded generation

Please let me know if you have any questions.

Best Regards

Andrea

ANDREA ROSZELL | Associate Director

Energy | Navigant

333 Bay Street | Suite 1250 | Toronto, ON M5H 2R2 | CANADA

647.288.5221 Direct | 647.973.6656 Mobile | andrea.roszell@navigant.com

navigant.com

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