

#	Request	BU	SME	PSP Lead	Ref#	Response
	Power System Planning					
7	Please clarify how the Fair Hydro Plan’s refinancing of the Global Adjustment is treated in the above cost of service forecasts.	PAO	Andrew Pietrewicz	Joyce		
12	Several years ago (around 2014), the IESO’s Power System Planning group produced a detailed report/slide deck forecasting Ontario’s future demand. This report is no longer on the IESO website – can the IESO please provide?	GA	David Barrett			

14	Please provide a table with electricity generation costs (including both HOEP and GA) as well as electricity production data for each generation source,			Joyce																																						
	a. broken down so that we can recreate the following table for as many years between 2005 and 2016 as possible (please indicate whether costs are provided in real dollars (ideally)): Figure 5: Breakdown of Generation Cost By Energy Sources, 2014 Source of data: Independent Electricity System Operator <table><thead><tr><th>Generation Source</th><th>Cost (\$/MWh)</th><th>Total Production (TWh)</th></tr></thead><tbody><tr><td>Nuclear</td><td>5,900</td><td>94.9</td></tr><tr><td>Hydro</td><td>1,835</td><td>37.9</td></tr><tr><td>Gas/Oil</td><td>2,287</td><td>14.9</td></tr><tr><td>Wind</td><td>935</td><td>7.8</td></tr><tr><td>Solar</td><td>884</td><td>1.8</td></tr><tr><td>Bioenergy</td><td>100</td><td>0.5</td></tr><tr><td>Coal</td><td>7</td><td>0.1</td></tr><tr><td>Other*</td><td>186</td><td>1.6</td></tr><tr><td>Imports</td><td>251</td><td>4.9</td></tr><tr><td>Export (Revenue)</td><td>(636)</td><td>(19.1)</td></tr><tr><td>Total Generation Cost</td><td>11,749</td><td></td></tr></tbody></table> * Includes electricity produced via storage Source: Auditor General's 2015 report, p. 212: www.auditor.on.ca/en/content/annualreports/arreports/en15/3.05en15.pdf	Generation Source	Cost (\$/MWh)	Total Production (TWh)	Nuclear	5,900	94.9	Hydro	1,835	37.9	Gas/Oil	2,287	14.9	Wind	935	7.8	Solar	884	1.8	Bioenergy	100	0.5	Coal	7	0.1	Other*	186	1.6	Imports	251	4.9	Export (Revenue)	(636)	(19.1)	Total Generation Cost	11,749		PAO	Andrew Pietrewicz	Joyce		
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	b. if possible, please also include annual cost and “production” data for conservation/demand response.	PAO	Andrew Pietrewicz	Simon Z./ Joyce																																						
	c. If similar modeling has been done for the 2017 LTEP to estimate expected cost and production by energy source in future years (out to 2035), please provide.	PAO	Andrew Pietrewicz	Joyce																																						
15	Please provide a copy of the Navigant report prepared for IESO, which provides a breakdown of the contributing elements of the global adjustment over time,	NA	NA																																							
	a. At one point the report (from 2016?) was available on the IESO website at this link: www.ieso.ca/documents/consult/se106/se106-20140128-Global_Adjustment_Review_Report.pdf	GA	Jordan Penic																																							

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	Electricity Exports					
31	Can the IESO estimate the reduction in GA costs due to export revenue annually since 2005? If this is not possible, can the IESO qualitatively describe the general impact of export revenue on generator cost guarantees, and how this might differ depending on generator contractual arrangements.	PAO	Barbara Ellard			
35	Has the IESO considered an alternative to the current export pricing structure that includes the GA (or some portion of it)?	PAO	Barbara Ellard			

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