

Q1. Please provide a table showing the cost of the global adjustment over the period 2016 to 2014 for all those elements in the system that are financed by the global adjustment.

A1.

Global Adjustment Rates: 2006 - 2014	
Year	Total (M\$)
2014	7,034.90
2013	7,727.30
2012	6,455.70
2011	5,309.60
2010	3,847.70
2009	4,219.50
2008	900.70
2007	597.00
2006	654.00
Source: IESO	

Q2. Please confirm the electricity prices per kilowatt hour for natural gas generators. The Ontario regulated price plan report, October 19, 2016, shows gas prices at 17.3 cents per kilowatt hour.

A2.

- The 17.3 cents per kilowatt hour in the Ontario Energy Board's (OEB) regulated price plan report is an estimate of the per unit cost of electricity generation from natural gas plants over the period of November 1, 2016 to October 31, 2017. Per unit costs include both global adjustment (GA) and market price payments.
- Per unit cost is not an accurate metric to compare peaking facilities as such calculations do not account for the peaking and ramping benefit that these generating facilities provide to the electricity system. Peaking facilities are generally compared on a capacity basis (i.e., \$/MW-year).
- Unit costs can vary based on contract terms of each generator. The Independent Electricity System Operator's (IESO) 2016 Ontario Planning Outlook (OPO) indicates that the levelised unit energy cost (LUEC) for natural gas is between 8 cents and 31 cents per kilowatt hour.

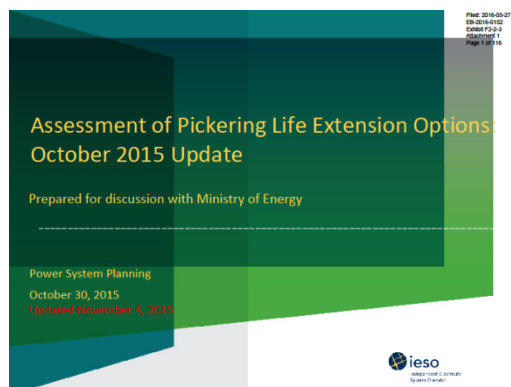
Q3. Please provide which price the IESO used in its projection of cost of power from Darlington: the 7.9 cents or the 16 cents per kilowatt hour.

A3. The IESO did not use a price specific to Darlington in the Ontario Planning Outlook (OPO), instead using an overall nuclear rate that was provided by Ontario Power Generation (OPG). These rates can be found in the accompanying spreadsheet, *OPO OPG Rates.x/sx*. The prices were similar to those that appeared in OPG's rate case, but were provided in advance of their submission to the Ontario Energy Board (OEB). As the figures were provided by OPG prior to their submission to the Ontario Energy Board the IESO used traditional cost of service methodology in the OPO, as opposed to a rate smoothing methodology proposed by OPG at the OEB.

Q4. Please provide the analysis of the life extension for the Pickering Plant.

A4.

- IESO has undertaken an independent assessment of the integrated power system impacts from ongoing Pickering operation.
- This analysis was filed by OPG with the OEB, as part of Exhibit F2-02 in OPG's 2017-2021 Rate Application and is available on the OEB website here (pp. 45 - 160):
<http://www.rds.ontarioenergyboard.ca/webdrawer/webdrawer.dll/webdrawer/rec/529935/view/>
- The IESO analysis has been extracted from the above-mentioned document and attached below (double-click on the image).



Q5. Please provide the detailed Long Term Energy Plan (LTEP) modules.

A5. Below is a link to the 2013 LTEP, along with those 5 supporting modules:

<http://www.powerauthority.on.ca/power-planning/long-term-energy-plan-2013>