**UNDEARTAKING J4.9**

**Undertaking**

To break out OPG’s production unit energy costs on charts 8 and 9 of Exhibit K4.2 into separate numbers for Pickering A, Pickering B and Darlington.

**Response**

The requested charts are provided below:

![Production Unit Energy Cost (PUEC) Charts](chart.png)

Note: Bruce data is as provided by OEB staff in Exhibit K4.2. OPG was unable to validate these numbers. Further, OPG notes that these numbers differ significantly from those presented by Board staff in interrogatory L-1-34.
1 Notes:
2 1. CANDU median reflects a 3 year average as per WANO.
3 2. OPG values are Unit Capability Factor (UCF), as per WANO standard.
4 3. Bruce data is as provided by OEB staff in Exhibit K4.2. The source for the Bruce
5 data was not identified, and therefore OPG was unable to validate these numbers.