

**Undertaking 108**

**Undertake to compile a similar table to Table 1 of what information was obtained in 2012 about the availability of gas turbine options, regardless of the megawatts involved (GT-PUB-NLH-031)**

The following is a table of all the options that were on the table in 2012 (all capacities).

Option	Condition	ISO Capacity (MW)	Warranty	Est. In-service Date	Indicative EPC Cost <sup>1</sup> (\$1,000)
Pratt & Whitney Power Solutions 2821 A	New	1 @ 60 = 60	24 months	26 months.	60,000 US
Pratt & Whitney Power Solutions 2821 B	New	2 @ 30 = 60	12 months	16 months.	60,000 US
General Electric Oct 29	New	2 @ 41 = 82	Standard warranty indicated but no details.	Not provided.	115,000 US
General Electric Oct 25	New	2 @ 41 = 82	Standard warranty indicated but no details.	Equipment ready to ship in 12 months.	37,124 US Base equip only

<sup>1</sup> "Indicative EPC Cost" refers to indicative engineering, procurement and construction cost. It is a very high level budgetary estimate offered by vendors based on a short descriptive scope statement provided by Hydro followed up by telephone conversations and produced in a time frame of approximately two weeks. It is, at best, a high-level estimate that a vendor could provide based on their experience, and using known existing equipment that is available, without detailed specifications and investigation of the local construction environment. Considering the information available, it is an indication of what an EPC contract cost would be between Hydro and the supplier. It is not a total Hydro project cost which would include project management, site preparation, site specific additional construction requirements that may be required (i.e., equipment modifications, terminal station connections, fuel storage and distribution, winterized enclosure), contingency, and AFUDC.