

1 Q. Please provide the functional specifications of the 100 MW (Nominal) combustion  
2 turbine that has been procured by Hydro.

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5 A. The following is the functional specifications for the combustion turbine procured  
6 by Hydro.

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8 Combustion Turbine:

9 Manufacturer: Siemens (Westinghouse)  
10 Model: SGT6-3000E  
11 Serial Number: 37A7750  
12 Year of Manufacture: 2007

13  
14 Generator:

15 Manufacturer: Siemens  
16 Model: SGEN6-100A-2P  
17 Serial Number: 12009742  
18 Year of Manufacture: 2009

19  
20 Expected Performance:

21  
22 Net GT Power: 123.5 MW

23 Net GT Heat Rate: 10,695 BTU/kwh

24 Performance is based on atmospheric pressure at sea level, 15 C inlet air  
25 temperature and 60% relative humidity