

Q. Please provide the MWh production for the Pierre's Brook hydro plant, by year, from 2005 to 2014 Forecast.

A. The MWh production for the Pierre's Brook hydro plant, by year, from 2005 to 2014F is outlined in Table 1.

Table 1
Pierre's Brook Hydro Plant Production
2005 to 2014F

Year	Production (MWh)
2005	25,451
2006 ¹	16,385
2007	22,045
2008	24,297
2009	25,238
2010	28,180
2011	25,888
2012	21,054
2013	25,070
2014F	24,400
Average	23,801

Over the same time period, the capacity factor at Pierre's Brook was 66%, which is significantly higher than the average of all Newfoundland Power hydro plants which was 51% over the same period.²

¹ In 2006 Pierre's Brook plant was out of service for a period of time to refurbish the turbine and main valve resulting in less production during that year.

² Capacity factor is a ratio of potential output to actual output. It is calculated using the following formula:
(Annual Generation) / (Maximum Capacity x Annual Operating Hours).