

UNDERTAKING J5.10

Undertaking

To provide forecast impact of the reactor tube shield problem at Pickering Unit 7 on forced loss rate.

Response

Pickering B Unit 7 is currently in an outage to address a moderator chemistry issue as described in Ex. N-T1-S1. The impact on nuclear production of this unplanned outage will be mitigated by the elimination of the fall 2008 Unit 7 planned outage and completing the planned outage work while the unit is shut down.

The forecast forced loss rates (FLR) and capacity factors in the table below represent the impact of the Unit 7 outage on the 2008 nuclear generation plan. The capacity factor and FLR for the other Pickering B units and the other sites remain as per plan. For these reasons, the forecast numbers set out in the table below are not to be viewed as a revised 2008 generation forecast. In particular, the elimination of the Pickering U4 fall outage as described in Ex. N-T1-S1 mitigates the production impact of the Pickering B U7 outage.

The loss of production on Unit 7 is currently classified as a forced outage. This classification is under review and may change. Following OPG's review, if there is a basis for a change in the categorization between forced outage versus planned outage, some of the numbers stated below could change.

Impact of PB Unit 7 Moderator Chemistry Issue Only

	Capacity Factor			Forced Loss Rate		
	Bus Plan	Forecast	Variance	Bus Plan	Forecast	Variance
Unit 7	80.5	55.8	(24.7)	6.2	44.2	38.0
Pickering B	86.6	80.5	(6.2)	6.2	16.1	9.9
Nuclear	88.7	86.8	(1.9)	5.1	8.2	3.1