Page D-50

This generating station is operated continuously, except for maintenance, in

accordance with the target unit output settings shown in Figure 2, established in a

report published in May 2000 titled Snook's Arm and Venam's Bight Hydroelectric

Refurbish Generation Unit - Snook's Arm, Volume I, Section D,

Developments – Water Management Study (See Appendix A), prepared at that

time by Hydro's Generation Engineering Department."

Over the 2004 to 2013 period was Hydro able to achieve the target unit output settings shown in Figure 2 in light of the unit de-rating described on page D-50?

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Reference:

A. When comparing the actual annual production shown in Hydro's response to NP-NLH-016 to the target settings in the May 2000 Water Management Study, over the period 2014 to 2013 the target generation was not achieved for Snook's Arm in 2006, 2008, 2009, 2010, 2012, and 2013.

1516

	Target	Actual	
Year	MWH	MWH	Gap
2004	3575	3576	-1
2005	3568	3601	-33
2006	3568	2702	866
2007	3568	3667	-99
2008	3575	3210	365
2009	3568	3024	544
2010	3568	235	3333
2011	3568	4223	-655
2012	3575	3525	50
2013	3568	3456	112

Page 2 of 2

The unit derating is the primary reason for not meeting target production. The
negative impact of the derating on generating output is less than would be
suggested by a comparison to the target values shown in the table. This is because
the operating regime actually used for this plant was a local operator who made bi-
weekly generating output changes based upon actual water condition observations.
The target values, on the other hand, were based upon an assumed operating
regime whereby an operator normally reporting to Hinds Lake would make a
regular monthly visit to Snook's Arm and adjust load at those times. Operations
using bi-weekly generator output adjustments are more responsive to changing
reservoir water levels than monthly changes and this resulted in more efficient
overall operating output than the monthly visit approach assumed in the derivation
of the target values.