

B-10

Undertaking # 3 November 14

What was the actual 2005 peak demand and the 2006 Year to Date Peak Demand on the WAF grid.
 Re-calculate the capacity surplus or shortfalls for those years

YEAR	Peak excluding Previous Criteria			N-1 Criteria			Comments
	Sec sales	Surplus (Shortfall)	Surplus (Shortfall)	LOLE Criteria	Surplus (Shortfall)	Surplus (Shortfall)	
2005 actual	56.4	12.3	6.5	0.3	0.3	1800	Jan 13 2005 SS customers off
2006 YTD	49.5	19.2	13.4	7.2	7.2	1800	Nov 14 2006
2006 latest forecast	57.5	11.2	5.4	-0.8	-0.8		

Notes

- 1/ 2005 forecast was with secondary sales suspended due to second day of -44 deg C weather, Fish Lake Generation assumed to be 600 kW
- 2/ 2006 YTD forecast is based on 52.9 MW actual peak demand with 4 MW of assumed peak coincident demand of sec sales and 600 kW of Fish Lake generation
- 3/ 2006 latest forecast used 2006 YTD peak with temp adjustment of 400 kW per Deg C from -24 to -44
- 4/ Variables affecting actual peak demand include temperature, numbers of successive days of cold temperature, day of the week and time of year affecting coincident peaks demand from street lighting
- 5/ All of the above numbers are in MW's

YUKON UTILITIES BOARD			
EXHIBIT		B-20	
DAY	ENTERED BY	DATE	
	YEC	Nov 15 2006	