

CAC/msos

Exhibit CAC/MSOS 1008 (Corrected) - 1011

Summary of Manitoba Hydro Calculations of Wind Power Economics

SOURCE	MH/NCN Sub.Ch6 Pages 15/16 and Attach 2 Table 1 pg 13 50 MW Farm <b>250 MW Total</b>	August Supp. Filing CAC/MSOS/NFAAT/S/1a CAC/MSOS/MH/NCN I- NFAAT -23 f <b>50 MW Wind Farm</b>	MH/NCN Exhibit 1004
<b>PARAMETER</b>			<b>250 MW</b> <b>450 MW</b>
<i>In Service Date</i>	2009	2009	2009
<i>Capacity Factor</i>	25-35%	25-40%	35%
<i>Annual Energy at generation</i>	548-767 GWh/yr	110-175 GWh/yr	1520 GWh/yr
<i>Capital Cost in 2009 (\$2002) Including Transmission</i>	\$1610 /kW	\$1610 /kW	\$1560/kW
<i>Capital Cost Reduction 2002-2009</i>	5% (to 2009)	?	2.5%/yr
<i>Operating Cost</i>	1.45c/kWh	1.6c/kWh	1.3c/kWh
<i>Govt WPPI Subsidy</i>	-0.5c/kWh	Not included	Not incl.
<i>Firming/Shaping Cost</i>	Not specified	~ 2c/kWh	2.6c/kWh
<i>Export environmental premium</i>	included	included	included
<i>Power Resource Plan</i>	Wusk, SSE DSM	Wusk, SSE, DSM	SSE, DSM, No Wusk
<b>IRR %</b>	<b>6.5-7.5</b>	<b>n/a</b>	<b>8.2 (9.0)</b> <b>6.1 (3.5%CF)</b>
<b>Other Calculations</b>			
<b>LEC c/kWh</b>	<b>7.2-9.6</b>	<b>6.85-10.05</b>	<b>n/a</b>
<b>@10% Discount Rate</b>			<b>6.6-10.6</b> (opening presentation)

Notes: 1. In MH/NCN Exhibit 1004, assumed capital cost for 250 MW is lower than other analyses and lower than for 450 MW

2. Unit size is 1.5MW /Turbine. Wind farm size is ~ 50MW.