

---

## NEEDS FOR AND ALTERNATIVES TO (NFAT)

### Manitoba Hydro Undertaking #2

**Manitoba Hydro to break down as by contract how much of the \$9 billion comes from which contract and for which product, as well as time frame, and determine if Manitoba Hydro can compile a public version of that document.**

#### Response:

Tables #1 through #4 providing a breakdown of forecast revenue by contract have been filed as Commercially Sensitive Information. These revenue forecasts assume Keeyask, Conawapa and the proposed 750 MW interconnection are built and enter service on schedule. A public version is attached.

Table #1 reflects fixed price capacity and dependable energy revenues, which are subject to variation due to differences in the actual US exchange rate and escalation rates from forecast. In addition it includes any payable wind pumped storage benefits.

Table #2 reflects fixed price surplus energy revenues, which are subject to variation due to changes in the US exchange rate, export market prices and escalation rates from forecast and whether Manitoba Hydro exercises its rights to curtail deliveries under Adverse Water Conditions.

Table #3 reflects surplus energy revenues, which are subject to variation due to changes in the US exchange rate, export market prices and the availability of surplus energy volumes. Assuming that the exchange rate and market price forecasts are accurate, the total dollar amount indicated should be viewed as the best possible outcome. No incremental costs associated with market price adjustments for use of transmission service have been included as they are no longer relevant or are zero.

Table #4 is a summary revenue table for all the contracts.

**Table #1 MH Export Contracts After 2015 – Dependable Capacity & Energy**

Customer	Contract Name	Capacity (MW)	Energy Product	Capacity Revenue	Energy Revenue	Total Revenue (Expense)
Minnesota Power	MP 250	250	5x16			
	MP Energy Exchange	0				
	MP 50	50	5x16			
Northern States Power	NSP125	125	5x16(S) 5x12(W)			
	NSP 375/325 SPS	375(S) 325(W)	5x16(S) 5x12(W)			
	NSP 350 Div. Exchge	350	7x4 (S)			
Wisconsin Public Service	WPS 100 Product A	100	5x16			
	WPS 100 Product B	0				
	WPS 108	108	5x16			
	WPS 308	308	5x16			
Great River Energy	GRE Div. Exchange	200	7x4 (S)			
SaskPower	SaskPower 25	25	Under Negotiation			
Total				\$1,244M	\$4,631M	\$5,875M

**Table #2 MH Export Contracts After 2015 – Contracted Surplus Energy**

Customer	Contract Name	Surplus Energy Product	Energy Revenue
Minnesota Power	MP 250	2x16	
	MP Energy Exchange		
	MP 50	2x16	
Northern States Power	NSP125		
	NSP 375/325 SPS		
	NSP 350 Div.Exchge		
Wisconsin Public Service	WPS 100 Product A	2x16	
	WPS 100 Product B		
	WPS 108		
	WPS 308	2x16	
Great River Energy	GRE Div. Exchange		
SaskPower	SaskPower 25	Under Negotiation	
Total			\$1,049M

**Table #3 MH Export Contracts After 2015 – Non-Contracted Surplus Energy Sales**

Customer	Contract Name	Surplus Energy Product	Energy Revenue
Minnesota Power	MP 250	7x8	
	MP Energy Exchange		
	MP 50	7x8	
Northern States Power	NSP125	5x4 (W) 2x16 7x8	
	NSP 375/325 SPS	5x4 (W) 2x16 7x8	
	NSP 350 Div. Exchge	All but 7x4 (S)	
Wisconsin Public Service	WPS 100 Product A	7x8	
	WPS 100 Product B		
	WPS 108	2x16 7x8	
	WPS 308	7x8	
Great River Energy	GRE Div. Exchange	All but 7x4 (S)	
SaskPower	SaskPower 25	Under Negotiation	
Total			\$3,416M

**Table #4 MH Export Contracts After 2015 – Total Revenue**

Customer	Contract Name	Capacity Revenue	Energy Revenue	Total Revenue
Minnesota Power	MP 250			
	MP Energy Exchange			
	MP 50			
Northern States Power	NSP125			
	NSP 375/325 SPS			
	NSP 350 Div. Exchge			
Wisconsin Public Service	WPS 100 Product A			
	WPS 100 Product B			
	WPS 108			
	WPS 308			
Great River Energy	GRE Div. Exchange			
SaskPower	SaskPower 25	Under negotiation		
Total		\$1,244M	\$9,096M	\$10,340M