

Manitoba Hydro Undertaking #44

Manitoba Hydro to reconcile the two line items of domestic energy sales (GWh) and domestic losses (GWh), in the assumptions to IFF10 with what is shown in assumptions to IFF09.

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Manitoba Hydro Undertaking #45

Manitoba Hydro to reconcile the line items for the “Dollars of Revenue of Domestic Energy Sales” in IFF10 with that of IFF09. Manitoba Hydro to also define the EIIR revenues and specific other revenue items in the reconciliation.

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Manitoba Hydro Undertaking #46

Restate the “Total Manitoba Domestic Sales Average Price” line item in IFF09 so that it is comparable to what is filed in IFF10.

The average price tables were not intended to represent assumptions that are utilized in the IFF but rather were developed after the fact in order to provide an indication of overall average prices for energy sales and purchases. The average prices tables corresponding to IFF09 did not reduce domestic sales by losses and consequently resulted in an underestimate for domestic rates. The average price tables corresponding to IFF10 attempted to provide consideration of losses associated with domestic sales but other small losses were also included in this category.

The attached schedule restates Manitoba domestic revenue from energy sales, volumes of energy sales at meter, and average price per megawatt hour in a consistent manner for both IFF10 and IFF09. The schedule provides further detail with respect to energy intensive industrial rate revenue, additional diesel revenue and additional general consumers revenue due to increases in rates. The volumes of domestic energy sales at meter has been reconciled to the respective 2009 and 2010 Load Forecasts that are represented as the Base Load Forecast in the “System Firm Energy Demand and Dependable Resources” tables corresponding to the respective 2009/10 and 2010/11 Power Resource Plans. “Losses & Other” in the attached schedule includes station service, transmission losses, distribution losses, construction power, diesel, and DSM savings incremental to the Load Forecast. Please note that the losses reported in PUB/MH Pre-Ask 2 included small additional energy losses in the generating system that have not been included in the attached schedule since this schedule represents losses associated only with domestic customers as determined in the load forecasting process.

	General Consumers Revenue at approved rates		Additional General Consumers Revenue due to rate increases		General Consumers Total	Base Load Forecast per Power Resource Plan		Manitoba Domestic Energy Sales incl DSM (at meter)	Average Price Manitoba Domestic Energy Sales (\$/MWh)
	EIIR	Diesel				Losses & Other	(GWh)		
	(\$Millions)								
IFF10									
2010/11	1,206	-	-	-	1,206	24,117	(3,131)	20,986	57.47
2011/12	1,223	5	1	35	1,264	24,739	(3,327)	21,412	59.04
2012/13	1,235	6	1	80	1,322	25,142	(3,473)	21,669	61.00
2013/14	1,254	6	1	128	1,389	25,809	(3,694)	22,115	62.82
2014/15	1,265	6	1	178	1,451	26,182	(3,830)	22,352	64.90
2015/16	1,279	6	1	231	1,518	26,600	(3,955)	22,645	67.04
2016/17	1,296	6	1	288	1,591	27,055	(4,074)	22,981	69.23
2017/18	1,307	6	1	346	1,661	27,363	(4,170)	23,193	71.61
2018/19	1,320	6	1	408	1,736	27,657	(4,241)	23,416	74.12
2019/20	1,336	6	1	474	1,818	28,016	(4,303)	23,713	76.66
2020/21	1,352	6	1	544	1,903	28,381	(4,373)	24,008	79.27
2021/22	1,367	6	1	588	1,963	28,750	(4,449)	24,301	80.78
2022/23	1,383	6	1	635	2,026	29,121	(4,519)	24,602	82.33
2023/24	1,400	6	1	683	2,091	29,496	(4,582)	24,914	83.92
2024/25	1,417	6	1	734	2,159	29,879	(4,642)	25,237	85.55
2025/26	1,437	6	1	788	2,232	30,270	(4,669)	25,601	87.18
2026/27	1,456	6	1	844	2,307	30,663	(4,694)	25,969	88.85
2027/28	1,476	6	1	902	2,385	31,061	(4,720)	26,341	90.56
2028/29	1,496	6	1	962	2,466	31,464	(4,748)	26,716	92.30
2029/30	1,516	6	1	1,025	2,548	31,869	(4,782)	27,087	94.07
IFF09									
2009/10	1,160	-	-	-	1,160	24,240	(3,364)	20,876	55.57
2010/11	1,154	5	-	33	1,193	24,758	(3,599)	21,159	56.37
2011/12	1,170	8	-	69	1,246	25,324	(3,800)	21,524	57.89
2012/13	1,183	8	-	113	1,305	25,763	(3,931)	21,832	59.76
2013/14	1,196	8	-	161	1,365	26,178	(4,064)	22,114	61.70
2014/15	1,221	8	-	212	1,441	26,781	(4,141)	22,640	63.65
2015/16	1,237	8	-	266	1,510	27,137	(4,197)	22,940	65.84
2016/17	1,252	8	-	322	1,582	27,495	(4,261)	23,234	68.08
2017/18	1,263	8	-	381	1,653	27,809	(4,354)	23,455	70.46
2018/19	1,275	8	-	442	1,725	28,087	(4,437)	23,650	72.95
2019/20	1,289	8	-	508	1,805	28,451	(4,522)	23,929	75.44
2020/21	1,304	8	-	550	1,862	28,817	(4,607)	24,210	76.92
2021/22	1,318	9	-	594	1,920	29,183	(4,692)	24,491	78.41
2022/23	1,333	9	-	639	1,981	29,555	(4,768)	24,787	79.94
2023/24	1,348	9	-	687	2,044	29,926	(4,847)	25,079	81.51
2024/25	1,365	9	-	736	2,110	30,300	(4,900)	25,400	83.09
2025/26	1,383	10	-	789	2,182	30,681	(4,925)	25,756	84.71
2026/27	1,403	10	-	844	2,257	31,062	(4,943)	26,119	86.41
2027/28	1,423	10	-	901	2,334	31,446	(4,960)	26,486	88.12
2028/29	1,440	10	-	959	2,409	31,838	(5,012)	26,826	89.82
2029/30	1,459	10	-	1,020	2,489	32,230	(5,038)	27,192	91.55