

MANITOBA HYDRO**2012/13 & 2013/14 ELECTRIC GENERAL RATE APPLICATION****UNDERTAKING PROVIDED BY: T. MILES**

Manitoba Hydro Undertaking #15

Manitoba Hydro provide the quantification of how much return energy provided for in sales contracts is related to the diversity agreements with the two counterparties and how much is additional related to the adverse water.

Response:

As presented in the table below, which is based on the 2011/12 Power Resource Plan, all contracted import energy for the 2011/12 to the 2019/20 period is related to Diversity contracts. In 2020/21 the contracted import energy is from both Diversity contracts and export sale contracts. In 2025/26 the Diversity contracts expire and the contracted import is from sales contracts.

For the existing Diversity contracts which expire in 2015/16 the amount of Adverse Water energy available to Manitoba Hydro is 2226 GW.h per year to 2014/15, and 182 GW.h in 2015/16. Under renegotiated Diversity contracts, Manitoba Hydro has access to import energy under all water conditions. Any reference to Adverse Water in the renegotiated contracts pertains to pricing only and not to supply.

Adverse Water clauses in sales contracts give Manitoba Hydro the right to reduce the obligation to deliver energy under adverse water conditions. This Adverse Water energy is not considered available for resale to other customers.

The following table details the amount of energy available to Manitoba Hydro under Diversity contracts, the portion which is available under Adverse Water clauses in those agreements and Adverse Water energy contained in Sales Contracts for the 2011/12 Power Resource Plan.

2011/12 Power Resource Plan

Fiscal Year	IMPORT			EXPORT
	Total Contracted Import	Diversity Contracts	Adverse Water included in Diversity Contracts	Adverse Water
2011/12	2705	2705	2226	91
2012/13	2705	2705	2226	91
2013/14	2705	2705	2226	0
2014/15	2705	2705	2226	0
2015/16	1609	1609	182	309
2016/17	1614	1614	0	370
2017/18	1614	1614	0	370
2018/19	1614	1614	0	370
2019/20	1614	1614	0	370
2020/21	2527	1614	0	370
2021/22	2710	1614	0	370
2022/23	2710	1614	0	370
2023/24	2710	1614	0	370
2024/25	2710	1614	0	370
2025/26	1363	267	0	61
2026/27 to 2034/35	1096	0	0	0
2035/36	183	0	0	0