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February 14, 2023

THE PUBLIC UTILITIES BOARD OF MANITOBA
400-330 Portage Avenue
Winnipeg, Manitoba
R3C 0C4

ATTENTION: Dr. D. Christle, Board Secretary and Executive Director

Dear Dr. Christle:

RE: MANITOBA HYDRO'S 2023/24 & 2024/25 GENERAL RATE APPLICATION – UPDATE TO MIPUG/MH I-101b IR RESPONSE

Manitoba Hydro filed responses to Round I Information Requests of the Public Utilities Board ("PUB") on February 3, 2023. In the response to part b) of MIPUG/MH I-101, Manitoba Hydro advised that the information for the period November 1, 2021 to December 31, 2022 would be provided when available. Enclosed please find an updated response to MIPUG/MH I-101a-f that includes updated tables in response to part b) (in the form of Attachments 3, 4, and 5 of the SEP Annual Reports) for the period November 1, 2021 to December 31, 2022. Manitoba Hydro has also updated the response on its external website.

Should you have any questions with respect to the foregoing, please do not hesitate to contact the writer at 204-360-3257.

Yours truly,

MANITOBA HYDRO LEGAL SERVICES

Per:

A handwritten signature in blue ink, appearing to read 'B. Czarnecki'.

for: Brent Czarnecki
Senior Counsel

REFERENCE:

Tab 8, Section 8.11.2

PREAMBLE TO IR (IF ANY):

“The SEP program has been in place since June 2000. There are currently 31 customers enrolled the program; about 80% of these customers have been in the program since its inception.” [Tab 8, PDF p. 49]

“The changes in market conditions, coupled with the energy only rate provisions and a lack of historical interruptions, have resulted in Manitoba Hydro seeing increased inquiries from new and existing customers looking to secure electric service at prices below approved firm rates. In the absence of SEP, these loads would be served under firm service and contribute to the recovery of system fixed costs. [Tab 8, PDF p.50]

“However, this approach does not consider whether participants in the SEP program are in fact customers with incremental load that can be served on an interruptible basis and would not be attracted to the Manitoba Hydro system at firm prices.” [Tab 8, PDF p.51]

QUESTION:

- a) Please provide an expanded table similar to the table provided in Appendix 8.18 PDF p.13 with customer participation in the Surplus Energy Program by year since the program’s inception in 2000, indicating the number of participants, total annual energy sales and revenues in the on-peak, shoulder, and off-peak TOU periods for each of the three program Options (Option 1, Option 2, and Option 3).
- b) Please provide tables similar to Attachment 2 at PDF p.19, Attachment 3 at PDF p.21, Attachment 4 at PDF p.23 and Attachment 5 at PDF p.25 in Appendix 8.18 for the period extending from November 1, 2021 through December 31, 2022.
- c) Please provide tables or graphs showing a comparison of SEP prices to approved GSL firm rates for the period commencing January 1, 2021 and ending December 31, 2022.

- d) Please explain why it is detrimental to the Manitoba Hydro system and non-participants when SEP is serving load (incremental or otherwise) that may be attracted to the Manitoba Hydro system at firm prices.
- e) Please explain whether SEP customers are guaranteed transmission and/or distribution capacity and access if firm load on a transmission line or distribution feeder increases to the point where the capacity to supply both the firm and SEP load is no longer available.
- f) In reference to e), please explain if the above is true in an instance where a SEP participant funded (in part or in whole) a transmission or distribution extension or upgrade.

RATIONALE FOR QUESTION:

Verification that significant interruptible load is being drawn to the SEP program, along with an examination of factors that would encourage or discourage participation in SEP.

RESPONSE:

- a) Please see MIPUG/MH I-70a for customer participation. Please see the figures below for total annual energy sales and revenues by time period for each of the three program Options (Option 1, Option 2, and Option 3) since program inception up to the reporting period ending October 31, 2021.

Total Energy Sales (MWh) By Reporting Period										
Reporting Period	Option 1			Option 2			Option 3			Total
	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak	
2000-2001	0	0	0	2,849	7,284	5,778	712	981	518	18,123
2001-2002	0	0	0	5,494	10,462	8,009	1,437	2,100	1,307	28,808
2002-2003	0	0	0	3,606	7,296	5,335	1,189	1,346	700	19,473
2003-2004	0	0	0	3,897	7,427	5,501	1,146	1,091	266	19,328
2004-2005	0	0	0	4,686	9,840	7,883	1,171	1,126	308	25,013
2005-2006	0	0	0	4,633	8,768	6,869	1,172	1,161	325	22,927
2006-2007	0	0	0	4,360	8,175	6,646	1,282	1,297	392	22,152
2007-2008	0	0	0	4,507	8,450	6,810	1,062	1,126	392	22,347
2008-2009	0	0	0	4,743	9,166	7,409	823	887	363	23,393
2009-2010	0	0	0	3,969	7,683	6,088	664	802	300	19,506
2010-2011	0	0	0	5,298	10,221	7,939	764	939	407	25,568
2011-2012	0	0	0	5,423	10,384	8,110	642	847	357	25,763
2012-2013	0	0	0	6,033	11,564	9,023	795	950	392	28,757
2013-2014	0	0	0	6,014	11,764	9,207	851	1,047	487	29,371
2014-2015	0	0	0	5,251	10,204	7,873	802	1,003	431	25,564
2015-2016	0	0	0	5,117	9,840	7,461	1,060	1,245	530	25,253
2016-2017	0	0	0	5,209	9,954	7,779	1,097	1,329	572	25,939
2017-2018	0	0	0	5,930	11,340	8,832	846	1,010	441	28,399
2018-2019	0	0	0	5,944	11,261	8,897	782	920	398	28,202
2019-2020	1,935	3,731	2,830	6,156	11,738	8,989	916	1,040	461	37,797
2020-2021	4,269	8,410	6,327	5,281	10,190	7,971	862	912	374	44,595

Total Energy Revenues (\$) By Reporting Period										
Reporting Period	Option 1			Option 2			Option 3			Total
	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak	
2000-2001	\$ -	\$ -	\$ -	\$ 260,285	\$ 369,756	\$ 144,880	\$ 52,489	\$ 41,328	\$ 11,296	\$ 880,033
2001-2002	\$ -	\$ -	\$ -	\$ 255,865	\$ 338,154	\$ 189,776	\$ 73,660	\$ 71,733	\$ 30,342	\$ 959,529
2002-2003	\$ -	\$ -	\$ -	\$ 250,105	\$ 366,399	\$ 232,935	\$ 97,390	\$ 80,935	\$ 33,757	\$ 1,061,522
2003-2004	\$ -	\$ -	\$ -	\$ 295,136	\$ 446,145	\$ 300,514	\$ 83,946	\$ 60,164	\$ 15,529	\$ 1,201,434
2004-2005	\$ -	\$ -	\$ -	\$ 391,002	\$ 476,042	\$ 231,200	\$ 106,819	\$ 64,686	\$ 8,066	\$ 1,277,816
2005-2006	\$ -	\$ -	\$ -	\$ 392,133	\$ 472,856	\$ 222,354	\$ 91,896	\$ 59,349	\$ 9,726	\$ 1,248,314
2006-2007	\$ -	\$ -	\$ -	\$ 391,980	\$ 477,378	\$ 348,828	\$ 108,052	\$ 70,309	\$ 18,385	\$ 1,414,933
2007-2008	\$ -	\$ -	\$ -	\$ 348,744	\$ 442,480	\$ 209,938	\$ 81,427	\$ 55,987	\$ 10,895	\$ 1,149,472
2008-2009	\$ -	\$ -	\$ -	\$ 287,405	\$ 377,690	\$ 191,257	\$ 38,212	\$ 28,727	\$ 8,787	\$ 932,076
2009-2010	\$ -	\$ -	\$ -	\$ 169,347	\$ 243,963	\$ 124,700	\$ 26,612	\$ 24,166	\$ 5,586	\$ 594,374
2010-2011	\$ -	\$ -	\$ -	\$ 198,398	\$ 295,095	\$ 121,484	\$ 26,873	\$ 25,134	\$ 5,508	\$ 672,493
2011-2012	\$ -	\$ -	\$ -	\$ 168,099	\$ 261,867	\$ 139,165	\$ 18,881	\$ 20,968	\$ 5,649	\$ 614,629
2012-2013	\$ -	\$ -	\$ -	\$ 218,041	\$ 336,954	\$ 177,395	\$ 27,808	\$ 26,188	\$ 6,762	\$ 793,148
2013-2014	\$ -	\$ -	\$ -	\$ 296,522	\$ 454,568	\$ 234,736	\$ 31,656	\$ 28,343	\$ 9,277	\$ 1,055,103
2014-2015	\$ -	\$ -	\$ -	\$ 206,315	\$ 325,806	\$ 170,147	\$ 29,569	\$ 30,195	\$ 8,834	\$ 770,866
2015-2016	\$ -	\$ -	\$ -	\$ 160,501	\$ 257,428	\$ 137,751	\$ 34,484	\$ 32,038	\$ 9,231	\$ 631,433
2016-2017	\$ -	\$ -	\$ -	\$ 183,797	\$ 279,163	\$ 154,647	\$ 35,980	\$ 33,058	\$ 9,446	\$ 696,091
2017-2018	\$ -	\$ -	\$ -	\$ 229,082	\$ 370,861	\$ 229,024	\$ 33,879	\$ 33,142	\$ 11,268	\$ 907,257
2018-2019	\$ -	\$ -	\$ -	\$ 269,175	\$ 413,840	\$ 270,915	\$ 31,997	\$ 30,955	\$ 11,580	\$ 1,028,463
2019-2020	\$ 49,430	\$ 72,655	\$ 38,636	\$ 193,474	\$ 300,554	\$ 187,922	\$ 25,020	\$ 23,217	\$ 9,097	\$ 900,006
2020-2021	\$ 189,800	\$ 301,055	\$ 177,630	\$ 205,238	\$ 320,783	\$ 212,081	\$ 41,290	\$ 34,094	\$ 10,226	\$ 1,492,197

b) Please see the figures below for tables similar to Attachment 2, Attachment 3, Attachment 4 and Attachment 5 of the SEP Annual Reports for the period November 1, 2021 to December 31, 2022.

PUB Approved Weekly SEP Rates ¢ / kWh						
Week Beginning	General Service Medium			General Service Large 750 V to 30 kV		
	Peak	Shoulder	Off-Peak	Peak	Shoulder	Off-Peak
November 1, 2021	9.745	7.836	6.097	9.615	7.732	6.016
November 8, 2021	6.901	6.139	5.244	6.810	6.058	5.175
November 15, 2021	9.180	8.037	5.548	9.058	7.931	5.475
November 22, 2021	6.602	5.782	3.656	6.514	5.705	3.607
November 29, 2021	8.974	7.742	6.194	8.855	7.639	6.112
December 6, 2021	7.972	7.257	6.925	7.866	7.160	6.833
December 13, 2021	8.194	6.215	4.868	8.085	6.132	4.804
December 20, 2021	8.380	7.291	7.000	8.268	7.194	6.907
December 27, 2021	10.125	7.958	6.585	9.910	7.853	6.498
January 3, 2022	8.502	7.802	7.515	8.389	7.699	7.415
January 10, 2022	7.328	6.387	5.484	7.231	6.302	5.411
January 17, 2022	8.236	7.377	7.160	8.127	7.279	7.065
January 24, 2022	8.441	7.629	7.240	8.329	7.528	7.144
January 31, 2022	9.692	6.872	6.492	9.563	6.781	6.405
February 7, 2022	8.248	6.797	6.303	8.139	6.706	6.219
February 14, 2022	8.361	5.505	5.136	8.250	5.432	5.068
February 21, 2022	8.556	5.980	5.525	8.442	5.900	5.452
February 28, 2022	10.287	7.426	7.294	10.151	7.328	7.197
March 7, 2022	8.266	6.689	5.959	8.156	6.600	5.880
March 14, 2022	6.691	5.898	5.738	6.602	5.820	5.661
March 21, 2022	6.523	5.405	4.516	6.437	5.333	4.456
March 28, 2022	5.480	4.962	4.601	5.407	4.897	4.540
April 4, 2022	5.906	5.136	4.452	5.827	5.068	4.393
April 11, 2022	6.227	5.449	5.151	6.144	5.376	5.083
April 18, 2022	6.528	6.069	5.474	6.442	5.988	5.402
April 25, 2022	7.339	6.540	5.577	7.241	6.453	5.503
May 2, 2022	6.935	6.182	6.012	6.843	6.100	5.932
May 9, 2022	7.620	6.930	6.816	7.519	6.838	6.725
May 16, 2022	7.813	6.911	5.073	7.709	6.819	5.006
May 23, 2022	7.792	6.546	5.112	7.689	6.459	5.044
May 30, 2022	8.191	7.293	5.235	8.083	7.196	5.165
June 6, 2022	7.371	6.134	4.697	7.273	6.053	4.635
June 13, 2022	11.179	8.605	5.955	11.031	8.490	5.876
June 20, 2022	8.148	6.506	5.089	8.039	6.420	5.021
June 27, 2022	9.443	6.903	4.060	9.318	6.811	4.006
July 4, 2022	8.359	6.449	5.092	8.248	6.363	5.025
July 11, 2022	9.393	7.429	4.309	9.268	7.330	4.252
July 18, 2022	10.847	8.559	4.034	10.702	8.445	3.981
July 25, 2022	8.666	7.218	3.673	8.551	7.122	3.624
August 1, 2022	11.843	8.916	4.155	11.685	8.798	4.100
August 8, 2022	7.934	6.285	3.213	7.829	6.202	3.170
August 15, 2022	6.857	5.612	3.494	6.766	5.537	3.447
August 22, 2022	8.881	6.556	3.518	8.763	6.469	3.471
August 29, 2022	7.230	6.027	3.957	7.134	5.947	3.905
September 5, 2022	11.675	9.157	4.779	11.520	9.035	4.716
September 12, 2022	11.794	8.917	4.167	11.637	8.799	4.111
September 19, 2022	10.939	9.081	5.164	10.794	8.960	5.095
September 26, 2022	10.568	8.168	4.225	10.428	8.059	4.169
October 3, 2022	7.616	6.449	3.926	7.515	6.364	3.874
October 10, 2022	8.546	6.160	3.502	8.432	6.078	3.456
October 17, 2022	8.706	7.213	4.776	8.591	7.118	4.712
October 24, 2022	7.109	6.088	2.810	7.015	6.007	2.773
October 31, 2022	7.616	6.754	4.048	7.515	6.665	3.994
November 7, 2022	6.422	5.620	2.948	6.336	5.545	2.909
November 14, 2022	8.209	6.815	4.758	8.100	6.725	4.695
November 21, 2022	6.630	5.576	4.099	6.542	5.502	4.045
November 28, 2022	6.766	5.623	4.620	6.676	5.548	4.559
December 5, 2022	5.679	4.726	3.912	5.604	4.664	3.860
December 12, 2022	6.569	5.684	4.199	6.482	5.609	4.144
December 19, 2022	5.703	5.159	3.509	5.628	5.090	3.463
December 26, 2022	6.970	7.094	4.792	6.877	7.000	4.728

SEP Energy Supply Source (%)						
November 1, 2021 to December 31, 2022						
Week Of	Actual			Forecast		
	Imports	Exports	Avoided Spill	Imports	Exports	Avoided Spill
November 1, 2021	100%	0%	0%	100%	0%	0%
November 8, 2021	100%	0%	0%	100%	0%	0%
November 15, 2021	100%	0%	0%	100%	0%	0%
November 22, 2021	100%	0%	0%	100%	0%	0%
November 29, 2021	100%	0%	0%	100%	0%	0%
December 6, 2021	100%	0%	0%	100%	0%	0%
December 13, 2021	100%	0%	0%	100%	0%	0%
December 20, 2021	100%	0%	0%	100%	0%	0%
December 27, 2021	100%	0%	0%	100%	0%	0%
January 3, 2022	100%	0%	0%	100%	0%	0%
January 10, 2022	100%	0%	0%	100%	0%	0%
January 17, 2022	100%	0%	0%	100%	0%	0%
January 24, 2022	100%	0%	0%	100%	0%	0%
January 31, 2022	100%	0%	0%	100%	0%	0%
February 7, 2022	100%	0%	0%	100%	0%	0%
February 14, 2022	100%	0%	0%	100%	0%	0%
February 21, 2022	100%	0%	0%	100%	0%	0%
February 28, 2022	100%	0%	0%	100%	0%	0%
March 7, 2022	100%	0%	0%	100%	0%	0%
March 14, 2022	100%	0%	0%	100%	0%	0%
March 21, 2022	62%	38%	0%	100%	0%	0%
March 28, 2022	62%	38%	0%	100%	0%	0%
April 4, 2022	43%	57%	0%	33%	67%	0%
April 11, 2022	33%	67%	0%	33%	67%	0%
April 18, 2022	33%	67%	0%	33%	67%	0%
April 25, 2022	33%	67%	0%	33%	67%	0%
May 2, 2022	0%	100%	0%	33%	67%	0%
May 9, 2022	33%	67%	0%	33%	67%	0%
May 16, 2022	0%	100%	0%	0%	100%	0%
May 23, 2022	0%	100%	0%	0%	100%	0%
May 30, 2022	0%	100%	0%	0%	100%	0%
June 6, 2022	0%	100%	0%	0%	100%	0%
June 13, 2022	0%	100%	0%	0%	100%	0%

SEP Energy Supply Source (%)						
November 1, 2021 to December 31, 2022						
Week Of	Actual			Forecast		
	Imports	Exports	Avoided Spill	Imports	Exports	Avoided Spill
June 20, 2022	0%	100%	0%	0%	100%	0%
June 27, 2022	0%	86%	14%	0%	100%	0%
July 4, 2022	0%	100%	0%	0%	100%	0%
July 11, 2022	0%	100%	0%	0%	100%	0%
July 18, 2022	0%	100%	0%	0%	100%	0%
July 25, 2022	0%	57%	43%	0%	100%	0%
August 1, 2022	0%	90%	10%	0%	100%	0%
August 8, 2022	0%	90%	10%	0%	100%	0%
August 15, 2022	0%	100%	0%	0%	100%	0%
August 22, 2022	0%	76%	24%	0%	100%	0%
August 29, 2022	0%	76%	24%	0%	100%	0%
September 5, 2022	0%	86%	14%	0%	100%	0%
September 12, 2022	0%	90%	10%	0%	100%	0%
September 19, 2022	0%	57%	43%	0%	100%	0%
September 26, 2022	0%	81%	19%	0%	100%	0%
October 3, 2022	0%	86%	14%	0%	100%	0%
October 10, 2022	0%	86%	14%	0%	100%	0%
October 17, 2022	0%	57%	43%	0%	100%	0%
October 24, 2022	0%	90%	10%	0%	100%	0%
October 31, 2022	0%	43%	57%	0%	100%	0%
November 7, 2022	0%	81%	19%	0%	100%	0%
November 14, 2022	0%	100%	0%	0%	100%	0%
November 21, 2022	0%	100%	0%	0%	100%	0%
November 28, 2022	0%	100%	0%	0%	100%	0%
December 5, 2022	0%	100%	0%	0%	100%	0%
December 12, 2022	0%	100%	0%	0%	100%	0%
December 19, 2022	0%	100%	0%	0%	100%	0%
December 26, 2022	0%	100%	0%	0%	100%	0%
Overall Avg	38%	56%	6%	39%	61%	0%

SURPLUS ENERGY PROGRAM
TOTAL ENERGY SALES IN MWH

Week Beginning	Peak	Shoulder	Off-Peak	Total
November 1, 2021	243	411	325	978
November 8, 2021	225	473	348	1 047
November 15, 2021	259	491	359	1 110
November 22, 2021	303	525	409	1 236
November 29, 2021	297	536	405	1 238
December 6, 2021	325	542	441	1 307
December 13, 2021	300	550	432	1 281
December 20, 2021	328	584	464	1 376
December 27, 2021	238	693	480	1 411
January 3, 2022	299	670	482	1 451
January 10, 2022	335	568	460	1 364
January 17, 2022	333	597	475	1 405
January 24, 2022	330	567	460	1 357
January 31, 2022	338	590	469	1 397
February 7, 2022	313	563	445	1 322
February 14, 2022	333	585	467	1 384
February 21, 2022	283	608	458	1 349
February 28, 2022	312	529	432	1 273
March 7, 2022	304	535	414	1 253
March 14, 2022	280	467	373	1 121
March 21, 2022	257	483	365	1 105
March 28, 2022	279	469	373	1 121
April 4, 2022	258	428	346	1 032
April 11, 2022	231	492	362	1 085
April 18, 2022	208	447	321	977
April 25, 2022	227	399	330	955
May 2, 2022	206	356	291	853
May 9, 2022	185	358	265	808
May 16, 2022	201	359	281	840
May 23, 2022	150	308	230	688
May 30, 2022	178	311	236	725
June 6, 2022	155	261	200	615
June 13, 2022	76	150	179	405
June 20, 2022	69	134	165	368

Week Beginning	Peak	Shoulder	Off-Peak	Total
June 27, 2022	53	131	167	351
July 4, 2022	58	112	156	326
July 11, 2022	57	92	155	304
July 18, 2022	61	98	158	318
July 25, 2022	107	188	156	451
August 1, 2022	110	240	167	517
August 8, 2022	134	216	157	507
August 15, 2022	97	108	81	285
August 22, 2022	52	69	44	165
August 29, 2022	49	71	47	167
September 5, 2022	34	67	43	144
September 12, 2022	53	84	59	196
September 19, 2022	56	96	64	215
September 26, 2022	40	103	72	214
October 3, 2022	71	133	89	293
October 10, 2022	73	174	116	362
October 17, 2022	95	190	141	427
October 24, 2022	121	204	151	476
October 31, 2022	150	277	203	630
November 7, 2022	162	378	261	801
November 14, 2022	206	351	265	821
November 21, 2022	192	319	245	757
November 28, 2022	231	403	302	936
December 5, 2022	247	378	314	938
December 12, 2022	186	374	273	833
December 19, 2022	253	434	347	1 034
December 26, 2022	108	316	218	642
Total*	11 714	21 644	16 992	50 350

* Totals may not add up due to rounding.

**SURPLUS ENERGY PROGRAM
ENERGY AND DISTRIBUTION CHARGE REVENUE**

Week Beginning	Energy Peak	Energy Shoulder	Energy Off-Peak	Energy Revenue Total	Distribution Revenue Total
November 1, 2021	\$23 640	\$32 152	\$19 807	\$75 599	\$5 924
November 8, 2021	\$15 533	\$29 030	\$18 260	\$62 823	\$6 368
November 15, 2021	\$23 801	\$39 436	\$19 931	\$83 169	\$6 741
November 22, 2021	\$19 964	\$30 321	\$14 939	\$65 223	\$7 518
November 29, 2021	\$26 621	\$41 502	\$25 070	\$93 194	\$7 521
December 6, 2021	\$25 871	\$39 286	\$30 541	\$95 698	\$7 992
December 13, 2021	\$24 541	\$34 164	\$21 008	\$79 713	\$7 865
December 20, 2021	\$27 511	\$42 538	\$32 467	\$102 517	\$8 447
December 27, 2021	\$24 110	\$55 159	\$31 578	\$110 848	\$8 656
January 3, 2022	\$25 435	\$52 246	\$36 222	\$113 903	\$8 904
January 10, 2022	\$24 573	\$36 284	\$25 224	\$86 081	\$8 366
January 17, 2022	\$27 444	\$44 003	\$33 974	\$105 421	\$8 618
January 24, 2022	\$27 818	\$43 259	\$33 303	\$104 380	\$8 322
January 31, 2022	\$32 715	\$40 557	\$30 432	\$103 704	\$8 569
February 7, 2022	\$25 834	\$38 269	\$28 041	\$92 144	\$8 094
February 14, 2022	\$27 809	\$32 175	\$23 953	\$83 937	\$8 472
February 21, 2022	\$24 183	\$36 373	\$25 306	\$85 861	\$8 270
February 28, 2022	\$32 071	\$39 240	\$31 516	\$102 827	\$7 786
March 7, 2022	\$25 121	\$35 749	\$24 665	\$85 535	\$7 615
March 14, 2022	\$18 741	\$27 556	\$21 391	\$67 689	\$6 803
March 21, 2022	\$16 776	\$26 070	\$16 458	\$59 304	\$6 712
March 28, 2022	\$15 280	\$23 239	\$17 160	\$55 679	\$6 807
April 4, 2022	\$15 234	\$21 988	\$15 378	\$52 601	\$6 261
April 11, 2022	\$14 377	\$26 802	\$18 654	\$59 832	\$6 611
April 18, 2022	\$13 587	\$27 116	\$17 586	\$58 289	\$5 901
April 25, 2022	\$16 628	\$26 060	\$18 388	\$61 077	\$5 837
May 2, 2022	\$14 258	\$21 971	\$17 485	\$53 714	\$5 117
May 9, 2022	\$14 108	\$24 755	\$18 039	\$56 902	\$4 835
May 16, 2022	\$15 673	\$24 782	\$14 228	\$54 684	\$5 035
May 23, 2022	\$11 652	\$20 142	\$11 755	\$43 549	\$4 112

Week Beginning	Energy Peak	Energy Shoulder	Energy Off-Peak	Energy Revenue Total	Distribution Revenue Total
May 30, 2022	\$14 545	\$22 683	\$12 330	\$49 558	\$4 313
June 6, 2022	\$11 376	\$15 971	\$9 389	\$36 737	\$3 633
June 13, 2022	\$8 496	\$12 918	\$10 632	\$32 047	\$2 356
June 20, 2022	\$5 582	\$8 672	\$8 403	\$22 657	\$2 128
June 27, 2022	\$4 990	\$9 009	\$6 786	\$20 785	\$2 037
July 4, 2022	\$4 838	\$7 213	\$7 933	\$19 983	\$1 855
July 11, 2022	\$5 330	\$6 812	\$6 680	\$18 823	\$1 708
July 18, 2022	\$6 567	\$8 392	\$6 381	\$21 340	\$1 792
July 25, 2022	\$9 261	\$13 540	\$5 734	\$28 535	\$2 640
August 1, 2022	\$13 016	\$21 386	\$6 927	\$41 329	\$3 040
August 8, 2022	\$10 574	\$13 567	\$5 041	\$29 182	\$2 936
August 15, 2022	\$6 592	\$6 044	\$2 810	\$15 447	\$1 551
August 22, 2022	\$4 534	\$4 514	\$1 535	\$10 583	\$798
August 29, 2022	\$3 507	\$4 247	\$1 874	\$9 628	\$842
September 5, 2022	\$3 947	\$6 144	\$2 044	\$12 135	\$751
September 12, 2022	\$6 205	\$7 474	\$2 453	\$16 131	\$1 018
September 19, 2022	\$6 066	\$8 666	\$3 275	\$18 007	\$1 163
September 26, 2022	\$4 201	\$8 353	\$3 019	\$15 573	\$1 191
October 3, 2022	\$5 351	\$8 521	\$3 508	\$17 379	\$1 631
October 10, 2022	\$6 213	\$10 693	\$4 040	\$20 947	\$2 069
October 17, 2022	\$8 287	\$13 703	\$6 747	\$28 737	\$2 450
October 24, 2022	\$8 574	\$12 385	\$4 236	\$25 195	\$2 716
October 31, 2022	\$11 385	\$18 667	\$8 227	\$38 279	\$3 703
November 7, 2022	\$10 388	\$21 230	\$7 684	\$39 303	\$4 809
November 14, 2022	\$16 856	\$23 863	\$12 605	\$53 324	\$4 909
November 21, 2022	\$12 740	\$17 770	\$10 051	\$40 561	\$4 532
November 28, 2022	\$15 612	\$22 642	\$13 949	\$52 203	\$5 620
December 5, 2022	\$14 013	\$17 847	\$12 259	\$44 118	\$5 666
December 12, 2022	\$12 215	\$21 271	\$11 451	\$44 937	\$5 075
December 19, 2022	\$14 428	\$22 368	\$12 181	\$48 978	\$6 300
December 26, 2022	\$7 536	\$22 415	\$10 428	\$40 379	\$3 920
Total*	\$924 134	\$1 431 208	\$913 372	\$3 268 714	\$303 228

* Totals may not add up due to rounding.

- c) Please see the figure below for a comparison of SEP Approved prices for the period January 1, 2021 to December 31, 2021 and the GSL >100 kV firm energy rate effective at the time. Manitoba Hydro notes that GSL >100 kV firm customers' monthly bills also included a demand charge of \$7.09 per kVA of billing demand.

SEP Approved Rates (\$/kWh) GSL > 100 kV	Firm Rate GSL > 100kV (Energy Only)			
	PEAK	SHOULDER	OFF PEAK	Effective Jan 1, 2021
December 28 - January 3, 2021	0.0365	0.0295	0.0260	0.0363
January 4 - 10, 2021	0.0356	0.0296	0.0263	0.0363
January 11 - 17, 2021	0.0390	0.0291	0.0280	0.0363
January 18 - 24, 2021	0.0375	0.0298	0.0275	0.0363
January 25 - 31, 2021	0.0334	0.0251	0.0232	0.0363
February 1 - 7, 2021	0.0325	0.0244	0.0228	0.0363
February 8 - 14, 2021	0.0420	0.0335	0.0285	0.0363
February 15 - 21, 2021	0.0300	0.0246	0.0218	0.0363
February 22 - 28, 2021	0.0436	0.0340	0.0335	0.0363
March 1 - 7, 2021	0.0423	0.0267	0.0266	0.0363
March 8 - 14, 2021	0.0303	0.0239	0.0239	0.0363
March 15 - 21, 2021	0.0261	0.0233	0.0153	0.0363
March 22 - 28, 2021	0.0248	0.0215	0.0185	0.0363
March 29 - April 4, 2021	0.0269	0.0210	0.0189	0.0363
April 5 - 11, 2021	0.0279	0.0254	0.0226	0.0363
April 12 - 18, 2021	0.0249	0.0218	0.0187	0.0363
April 19 - 25, 2021	0.0312	0.0250	0.0247	0.0363
April 26 - May 2, 2021	0.0300	0.0250	0.0236	0.0363
May 3 - May 9, 2021	0.0330	0.0319	0.0261	0.0363
May 10 - 16, 2021	0.0345	0.0320	0.0280	0.0363
May 17 - 23, 2021	0.0315	0.0269	0.0200	0.0363
May 24 - 30, 2021	0.0302	0.0269	0.0187	0.0363
May 31 - June 6, 2021	0.0351	0.0297	0.0197	0.0363
June 7 - 13, 2021	0.0300	0.0275	0.0204	0.0363
June 14 - 20, 2021	0.0320	0.0295	0.0197	0.0363
June 21 - 27, 2021	0.0448	0.0367	0.0250	0.0363
June 28 - July 4, 2021	0.0484	0.0385	0.0241	0.0363
July 5 - 11, 2021	0.0536	0.0425	0.0280	0.0363
July 12 - 18, 2021	0.0604	0.0465	0.0286	0.0363
July 19 - 25, 2021	0.0470	0.0379	0.0252	0.0363
July 26 - August 1, 2021	0.0600	0.0450	0.0281	0.0363
August 2 - 8, 2021	0.0496	0.0392	0.0224	0.0363
August 9 - 15, 2021	0.0653	0.0521	0.0339	0.0363
August 16 - 22, 2021	0.0565	0.0462	0.0302	0.0363
August 23 - 29, 2021	0.0658	0.0478	0.0298	0.0363
August 30 - September 5, 2021	0.0577	0.0415	0.0266	0.0363
September 6 - 12, 2021	0.0574	0.0450	0.0329	0.0363
September 13 - 19, 2021	0.0694	0.0437	0.0281	0.0363
September 20 - 26, 2021	0.0793	0.0545	0.0411	0.0363
September 27 - October 3, 2021	0.0557	0.0441	0.0272	0.0363
October 4 - 10, 2021	0.0686	0.0500	0.0369	0.0363
October 11 - 17, 2021	0.0573	0.0538	0.0399	0.0363
October 18 - 24, 2021	0.0878	0.0764	0.0588	0.0363
October 25 - 31, 2021	0.0742	0.0710	0.0623	0.0363
November 1 - 7, 2021	0.0925	0.0744	0.0579	0.0363
November 8 - 14, 2021	0.0655	0.0583	0.0498	0.0363
November 15 - 21, 2021	0.0871	0.0763	0.0526	0.0363
November 22 - 28, 2021	0.0626	0.0549	0.0347	0.0363
November 29 - December 5, 2021	0.0852	0.0735	0.0588	0.0363
December 6 - 12, 2021	0.0756	0.0689	0.0657	0.0363
December 13 - 19, 2021	0.0777	0.0590	0.0462	0.0363
December 20 - 26, 2021	0.0795	0.0692	0.0664	0.0363
December 27 - January 2, 2022	0.0961	0.0755	0.0625	0.0363

- d) Please see the response to MIPUG/MH I-102.
- e) If a new customer requests firm load supply, the firm customer will be prioritized over an SEP customer in the connection process and receive available system capacity, including the SEP customer's load if required even if the SEP customer had previously contributed towards a transmission or distribution extension or upgrade. As noted in the response to MIPUG/MH I-99a) the availability of surplus energy in the face of capacity constraints is an area that requires further consideration as the circumstances around unavailability of SEP load are not addressed in the current Terms and Conditions.
- f) Please see the response to part e) of this question.