

Attachment A

Actual and Estimated Volumes

Charge Type	Market Services	System Operations	CRR Services	Inter-SC Trades	Bid Segment Fees	CRR Auction Bid Fees	TOR Fees	SCID Fees
Charge code	4560	4561	4562	4512	4515	4516	4563	4575
Unit	MWh & MW	MWh	MWh	# of trades	# of bid segments	# of nominations & bids	Minimum of TOR supply & demand	# of SCID's

2012 actual units								
Jan-12	41,470,390	36,270,011	46,736,512	217,838	3,483,726	-	223,836	170
Feb-12	38,213,706	33,159,745	43,903,862	205,680	3,207,014	16,769	203,273	171
Mar-12	40,845,220	35,196,343	46,868,371	217,498	3,548,308	15,875	227,618	172
Apr-12	41,226,566	35,125,377	46,854,727	210,420	2,990,604	17,303	424,578	171
May-12	45,578,090	39,217,641	46,271,441	239,352	3,117,538	9,170	388,107	171
Jun-12	46,993,173	40,452,139	44,679,797	227,834	3,210,952	8,994	335,497	171
Jul-12	52,552,966	44,505,089	47,162,239	249,026	3,414,812	8,292	413,234	176
Aug-12	57,266,605	49,091,161	48,956,894	253,052	3,392,776	9,213	371,237	177
Sep-12	50,856,326	43,365,213	46,782,687	244,754	3,309,624	9,458	302,235	177
Oct-12	46,989,772	39,498,957	46,044,613	236,474	3,389,264	14,230	244,313	180
Nov-12	42,673,653	35,956,937	44,907,063	227,776	3,348,360	19,007	207,353	179
Dec-12	43,910,367	37,114,798	50,318,160	237,256	3,544,112	50,003	189,720	182
Total 2012	548,576,834	468,953,411	559,486,366	2,766,960	39,957,090	178,314	3,531,001	2,097

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Charge code	4560	4561	4562	4512	4515	4516	4563	4575
Unit	MWh & MW	MWh	MWh	# of trades	# of bid segments	# of nominations & bids	Minimum of TOR supply & demand	# of SCID's

2013 actual units								
Jan-13	43,779,521	37,369,839	51,618,373	217,220	3,523,600	15,895	190,566	186
Feb-13	38,297,385	32,444,556	46,618,927	193,990	3,266,442	17,348	239,397	188
Mar-13	41,231,958	35,349,873	51,428,779	222,598	3,584,612	17,986	251,455	194
Apr-13	42,505,186	35,650,561	50,167,807	217,820	3,355,932	16,428	364,617	197
May-13	46,976,059	39,021,391	51,065,016	218,026	3,539,990	16,717	410,603	199
Jun-13	49,911,210	41,313,709	51,646,337	227,552	3,846,524	21,723	342,352	200
Jul-13	55,257,629	46,477,818	57,231,587	268,870	4,199,262	22,469	361,222	201
Aug-13	53,229,909	45,148,734	60,019,278	263,794	4,391,894	20,807	270,650	202
Sep-13	50,098,260	41,732,867	61,580,649	251,958	4,129,712	20,371	214,275	197
Oct-13	44,152,133	37,156,028	65,489,227	217,892	4,093,246	31,067	186,842	194
Nov-13	43,054,231	35,473,445	67,993,796	214,024	4,046,412	32,547	138,976	198
Dec-13	45,570,241	38,045,570	72,206,389	223,432	4,524,992	108,864	191,364	200
Total 2013	554,063,723	465,184,390	687,066,163	2,737,176	46,502,618	342,222	3,162,319	2,356

2014 actual units								
Jan-14	41,916,948	35,942,379	70,627,561	208,200	4,472,836	35,293	161,740	192
Feb-14	37,630,907	32,040,421	70,125,501	189,790	3,954,726	37,283	154,960	194
Mar-14	41,964,737	35,190,226	77,546,233	213,966	4,364,666	37,439	163,477	197
Apr-14	42,419,684	35,692,061	70,600,199	205,372	4,312,460	39,386	230,018	200
May-14	46,547,414	39,406,540	65,725,167	220,442	4,479,448	34,215	304,968	198
Jun-14	47,320,877	40,390,892	67,850,745	225,618	4,533,968	36,765	268,891	196
Jul-14	54,821,241	46,575,662	75,947,941	246,112	4,941,786	33,522	287,956	201
Aug-14	53,789,772	45,137,708	81,142,260	247,894	4,921,252	34,212	284,393	200
Sep-14	50,939,971	42,955,809	80,617,059	230,308	4,798,540	38,071	235,526	198
Oct-14	47,045,141	38,872,909	100,804,167	219,862	4,701,510	53,656	199,361	202
Nov-14	40,162,110	33,821,744	84,465,042	202,056	4,434,130	60,567	170,093	205
Dec-14	42,912,697	36,595,075	93,870,327	210,682	4,733,938	47,593	181,997	207
Total 2014	547,471,500	462,621,426	939,322,203	2,620,302	54,649,260	488,002	2,643,379	2,390

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Charge code	4560	4561	4562	4512	4515	4516	4563	4575
Unit	MWh & MW	MWh	MWh	# of trades	# of bid segments	# of nominations & bids	Minimum of TOR supply & demand	# of SCID's

2015 actual units - January to October.

Jan-15	41,374,327	35,421,645	87,665,561	193,662	4,800,024	59,079	192,988	204
Feb-15	37,192,427	31,430,738	81,334,029	179,400	4,438,108	67,528	165,605	202
Mar-15	42,926,142	35,926,263	87,777,329	196,758	4,971,736	62,444	250,365	205
Apr-15	41,993,548	34,743,046	84,154,793	188,778	4,725,408	54,904	251,571	214
May-15	43,540,219	35,902,766	78,907,269	196,492	4,716,922	52,138	230,249	216
Jun-15	49,311,818	41,410,042	68,830,408	201,326	5,134,062	53,671	248,449	213
Jul-15	53,951,267	44,715,597	75,218,475	219,530	4,861,702	58,001	296,023	218
Aug-15	55,597,755	46,441,259	74,800,817	220,522	4,934,262	54,937	300,662	218
Sep-15	51,770,509	43,546,791	72,374,036	209,958	4,780,338	57,915	278,713	218
Oct-15	47,311,471	39,381,957	69,453,993	200,146	4,808,362	69,184	200,943	216
Nov-15								
Dec-15								
Total 2015	464,969,482	388,920,104	780,516,710	2,006,572	48,170,924	589,801	2,415,568	2,124

2015 budgeted units

Jan-15	41,916,948	35,941,571	70,627,561	208,200	4,472,836	35,293	161,740	197
Feb-15	37,631,149	32,051,542	70,125,501	189,790	3,954,726	37,283	154,960	197
Mar-15	41,964,737	35,175,016	77,546,233	213,966	4,364,666	37,439	163,477	197
Apr-15	42,419,916	35,560,838	70,600,199	205,372	4,312,460	39,386	230,018	197
May-15	46,557,038	39,321,238	65,725,167	220,442	4,479,448	34,215	304,968	197
Jun-15	47,323,790	40,314,648	67,850,745	225,618	4,533,968	36,765	268,891	197
Jul-15	54,821,481	46,562,843	75,947,941	246,108	4,941,786	33,522	287,956	197
Aug-15	53,792,370	45,257,142	81,142,260	247,894	4,921,252	34,212	284,264	197
Sep-15	50,942,496	42,979,784	80,617,059	230,308	4,798,540	38,071	235,027	197
Oct-15	47,094,152	39,092,662	100,703,799	219,862	4,701,510	43,850	185,787	197
Nov-15	42,863,942	35,723,734	56,450,429	220,900	3,697,386	25,777	173,165	197
Dec-15	44,738,314	37,619,255	61,262,274	230,344	4,034,552	79,434	190,542	197
Total 2015	552,066,334	465,600,273	878,599,169	2,658,804	53,213,130	475,247	2,640,793	2,364

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Charge code	4560	4561	4562	4512	4515	4516	4563	4575
Unit	MWh & MW	MWh	MWh	# of trades	# of bid segments	# of nominations & bids	Minimum of TOR supply & demand	# of SCID's

2016 budgeted units								
Jan-16	41,374,327	35,421,645	70,627,561	185,916	4,944,025	70,895	192,988	216
Feb-16	37,192,427	31,430,738	70,125,501	172,224	4,571,251	81,034	165,605	216
Mar-16	42,926,142	35,926,263	77,546,233	188,888	5,120,888	74,933	250,365	216
Apr-16	41,993,548	34,743,046	70,600,199	181,227	4,867,170	65,885	251,571	216
May-16	43,540,219	35,902,766	65,725,167	188,632	4,858,430	62,566	230,249	216
Jun-16	49,311,818	41,410,042	68,830,408	193,273	5,288,084	64,405	248,449	216
Jul-16	53,951,267	44,715,597	75,218,475	210,749	5,007,553	69,601	296,023	216
Aug-16	55,597,755	46,441,259	74,800,817	211,701	5,082,290	65,924	300,662	216
Sep-16	51,770,509	43,546,791	72,374,036	201,560	4,923,748	69,498	278,713	216
Oct-16	47,311,471	39,381,957	69,453,993	192,140	4,952,613	83,021	200,943	216
Nov-16	42,881,185	35,408,810	58,932,448	193,009	4,044,790	70,776	189,083	216
Dec-16	44,756,311	37,287,620	63,955,861	201,260	4,413,636	70,776	208,057	216
Total 2016	552,606,979	461,616,533	838,190,699	2,320,578	58,074,478	849,313	2,812,708	2,592

Change from 2012 Actual	0.7%	-1.6%	49.8%	-16.1%	45.3%	376.3%	-20.3%	23.6%
Change from 2013 Actual	-0.3%	-0.8%	22.0%	-15.2%	24.9%	148.2%	-11.1%	10.0%
Change from 2014 Actual	0.9%	-0.2%	-10.8%	-11.4%	6.3%	74.0%	6.4%	8.5%
Change from 2015 Actual	-33.3%	-33.3%	-36.1%	-34.2%	-28.1%	-17.0%	-32.3%	-28.8%
Change from 2015 Budget	0.1%	-0.9%	-4.6%	-12.7%	9.1%	78.7%	6.5%	9.6%