Physical Commodity Code	Contract Name	Reporting Level	Spot Month Position Limit (lots)	Single Month Accountability Level (lots)	All Month Accountability Level (lots)	Aggregation Group*	CFTC Referenced Contract
AAA	ISONE..H.INTERNAL_HUB_month_on_dap	25	~~6834~~7143	~~6834~~7143	~~82008~~85716	2	0
AAB	ISONE..H.INTERNAL_HUB_month_off_dap	25	~~5695~~5902	~~5695~~5902	~~68340~~70824	1	0
AXO	PJM.6 BYRON25 KVBY-1_month_on_dap	25	~~612~~306	~~612~~306	~~7344~~3672	20	0
AXP	PJM.6 BYRON25 KVBY-1_month_off_dap	25	~~612~~306	~~612~~306	~~7344~~3672	19	0
BFI	MISO.INDIANA.HUB_month_on_dap	25	~~1924~~2083	~~1924~~2083	~~23088~~24996	122	0
BFJ	MISO.INDIANA.HUB_month_off_dap	25	~~1833~~1680	~~1680~~1833	~~20160~~21996	121	0
BGA	PJM.4 QUAD C18 KVQC-1_month_on_dap	25	~~505~~252	~~505~~252	~~6060~~3024	313	0
BGO	PJM.4 QUAD C18 KVQC-1_month_off_dap	25	~~505~~252	~~505~~252	~~6060~~3024	314	0
BKQ	PJM.1 LASALL24 KVLA-2_month_on_dap	25	~~585~~292	~~585~~292	~~7020~~3504	384	0
BKR	PJM.1 LASALL24 KVLA-2_month_off_dap	25	~~585~~292	~~585~~292	~~7020~~3504	385	0
BMN	PJM.20 BRAID24 KVBR-1_month_on_dap	25	~~612~~306	~~612~~306	~~7344~~3672	~~386~~	0
BNQ	PJM.20 BRAID24 KVBR-1_month_off_dap	25	~~612~~306	~~612~~306	~~7344~~3672	~~387~~	0
BRT	MISO.AMIL.BGS6_month_2x16_dap	25	1419	1419	17028	~~3031~~	0
COE	MISO.WEC.PTBHGB2_month_on_dap	25	~~296~~160	~~296~~160	~~3552~~1920	~~229~~	0
COF	MISO.WEC.PTBHGB2_month_off_dap	25	~~296~~160	~~296~~160	~~3552~~1920	~~228~~	0
CXO	NYISO.HUD VL_month_on_dap	25	~~2968~~3398	~~2968~~3398	~~35616~~40776	114	0
CXP	NYISO.HUD VL_month_off_dap	25	~~2968~~3368	~~2968~~3368	~~35616~~40416	113	0
CZT	NYISO.N.Y.C._month_off_dap	25	~~1366~~1346	~~1366~~1346	~~16392~~16152	168	0
DEV	NYISO.WEST_month_off_dap	25	~~1051~~1819	~~1051~~1819	~~12612~~21828	230	0
DLW	PJM.AEP-DAYTON HUB_month_on_dap	25	7031	7031	84372	26	0
EAU	PJM.EASTON_month_on_dap	25	9	9	108	~~884~~492	0
EAV	PJM.EASTON_month_off_dap	25	8	8	96	~~874~~490	0
EBO	PJM.EDGEMOOR13 KVHAYRD4_month_on_dap	25	~~178~~51	~~178~~51	~~2136~~612	~~98~~	0
EBP	PJM.EDGEMOOR13 KVHAYRD4_month_off_dap	25	~~178~~51	~~178~~51	~~2136~~612	~~97~~	0
EBQ	PJM.EDGEMOOR18 KVHAYRD8_month_on_dap	25	~~178~~48	~~178~~48	~~2136~~576	~~98~~	0
EBR	PJM.EDGEMOOR18 KVHAYRD8_month_off_dap	25	~~178~~48	~~178~~48	~~2136~~576	~~97~~	0
ERA	PJM.MTSTORM422 KVG3_month_on_dap	25	~~420~~130	~~420~~130	~~5040~~1560	165	0
ERB	PJM.MTSTORM422 KVG3_month_off_dap	25	~~420~~130	~~420~~130	~~5040~~1560	164	0
ERM	PJM.N ILLINOIS HUB_month_on_dap	25	~~5938~~5952	~~5938~~5952	~~71256~~71424	167	0
EUY	PJM.PECO_month_on_dap	25	~~1425~~2318	~~1425~~2318	~~17100~~27816	185	0
EUZ	PJM.PECO_month_off_dap	25	~~1165~~1954	~~1165~~1954	~~13980~~23448	184	0
EVI	PJM.PEPCO DC_month_on_dap	25	285	285	3420	~~189~~505	0
EVJ	PJM.PEPCO DC_month_off_dap	25	230	230	2760	~~188~~503	0
EVK	PJM.PEPCO MD_month_on_dap	25	570	570	6840	~~189~~506	0

EVL	PJM.PEPCO MD_month_off_dap	25	460	460	5520	~~188~~504	0
EWU	PJM.PPL_month_on_dap	25	~~1424~~2193	~~1424~~2193	~~17088~~26316	193	0
EWV	PJM.PPL_month_off_dap	25	~~1153~~1859	~~1153~~1859	~~13836~~22308	192	0
EXE	PJM.PSEG_month_on_dap	25	~~1470~~1548	~~1470~~1548	~~17640~~18576	195	0
EXF	PJM.PSEG_month_off_dap	25	~~1168~~1170	~~1168~~1170	~~14016~~14040	194	0
FCI	PJM.SRIVER230 KVNUG GE_month_on_dap	25	~~65~~53	~~65~~53	~~780~~636	209	0
FCJ	PJM.SRIVER230 KVNUG GE_month_off_dap	25	~~65~~53	~~65~~53	~~780~~636	208	0
FDC	PJM.STEELCTY18 KVBETH 4CC_month_on_dap	25	~~325~~144	~~325~~144	~~17283~~900	~~211~~	0
FDD	PJM.STEELCTY18 KVBETH 4CC_month_off_dap	25	~~325~~144	~~325~~144	~~17283~~900	~~210~~	0
FDE	PJM.STEELCTY18 KVBETH 8CC_month_on_dap	25	~~325~~144	~~325~~144	~~17283~~900	~~211~~	0
FDF	PJM.STEELCTY18 KVBETH 8CC_month_off_dap	25	~~325~~144	~~325~~144	~~17283~~900	~~210~~	0
FHK	PJM.WESTERN HUB_month_on_dap	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	233	0
FHL	PJM.WESTERN HUB_month_off_dap	25	~~7747~~9439	~~7747~~9439	~~92964~~113268	232	0
FJY	MISO.INDIANA.HUB_month_on_rtp	25	~~1924~~2083	~~1924~~2083	~~23088~~24996	124	0
FJZ	MISO.INDIANA.HUB_month_off_rtp	25	~~1680~~2083	~~1680~~2083	~~20160~~24996	123	0
FKA	PJM.AEP-DAYTON HUB_month_on_rtp	25	7031	7031	84372	~~448~~	0
FKC	PJM.N ILLINOIS HUB_month_on_rtp	25	~~5938~~5952	~~5938~~5952	~~71256~~71424	~~449~~	0
FKE	PJM.WESTERN HUB_month_on_rtp	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	390	0
FKF	PJM.WESTERN HUB_month_off_rtp	25	~~7747~~9439	~~7747~~9439	~~92964~~113268	234	0
FOI	ERCOT.HB_HOUSTON_month_on_rtp	25	~~5197~~5318	~~5197~~5318	~~62364~~63816	394	0
FOJ	ERCOT.HB_HOUSTON_month_off_rtp	25	~~4370~~5286	~~4370~~5286	~~52440~~63432	106	0
FOK	ERCOT.HB_NORTH_month_on_rtp	25	~~7143~~7252	~~7143~~7252	~~85716~~87024	393	0
FOL	ERCOT.HB_NORTH_month_off_rtp	25	~~6651~~7208	~~6651~~7208	~~79812~~86496	108	0
FOM	ERCOT.HB_SOUTH_month_on_rtp	25	~~2694~~2895	~~2694~~2895	~~32328~~34740	392	0
FON	ERCOT.HB_SOUTH_month_off_rtp	25	~~1727~~2878	~~1727~~2878	~~20724~~34536	110	0
FOO	ERCOT.HB_WEST_month_on_rtp	25	~~2058~~2569	~~2058~~2569	~~24696~~30828	391	0
FOP	ERCOT.HB_WEST_month_off_rtp	25	~~1052~~2554	~~1052~~2554	~~12624~~30648	112	0
FQV	CAISO.TH_NP15_GEN-APND_month_off_dap	25	~~3961~~4688	~~3961~~4688	~~47532~~56256	214	0
FQW	CAISO.TH_SP15_GEN-APND_month_on_dap	25	~~7301~~7491	~~7301~~7491	~~87612~~89892	217	0
FQX	CAISO.TH_SP15_GEN-APND_month_off_dap	25	~~6070~~7422	~~6070~~7422	~~72840~~89064	216	0
FRO	PJM.PSEG_month_on_rtp	25	~~1470~~1548	~~1470~~1548	~~17640~~18576		0
FRP	PJM.PSEG_month_off_rtp	25	~~1168~~1170	~~1168~~1170	~~14016~~14040		0
FRW	PJM.JCPL_month_on_rtp	25	763	763	9156	~~450~~	0
FRY	ISONE..H.INTERNAL_HUB_month_on_rtp	25	~~6834~~7143	~~6834~~7143	~~82008~~85716		0
FRZ	ISONE..H.INTERNAL_HUB_month_off_rtp	25	~~5695~~5902	~~5695~~5902	~~68340~~70824		0
FTG	NYISO.HUD VL_month_on_rtp	25	~~2968~~3398	~~2968~~3398	~~35616~~40776		0
FTH	NYISO.HUD VL_month_off_rtp	25	~~2968~~3368	~~2968~~3368	~~35616~~40416		0

Code	Name						
FTP	NYISO.N.Y.C._month_off_rtp	25	~~1366~~1346	~~1366~~1346	~~16392~~16152		0
FTT	NYISO.WEST_month_off_rtp	25	~~1051~~1819	~~1051~~1819	~~12612~~21828		0
FUK	PJM.PECO_month_on_rtp	25	~~1425~~2318	~~1425~~2318	~~17100~~27816		0
FUL	PJM.PECO_month_off_rtp	25	~~1165~~1954	~~1165~~1954	~~13980~~23448		0
FUO	PJM.PPL_month_on_rtp	25	~~1424~~2193	~~1424~~2193	~~17088~~26316	451	0
FUP	PJM.PPL_month_off_rtp	25	~~1153~~1859	~~1153~~1859	~~13836~~22308	309	0
FUS	MISO.WEC.PTBHGB1_month_on_dap	25	~~296~~160	~~296~~160	~~3552~~1920	229	0
FUT	MISO.WEC.PTBHGB1_month_off_dap	25	~~296~~160	~~296~~160	~~3552~~1920	228	0
FUU	ERCOT.LZ_HOUSTON_month_on_rtp	25	2759	2759	33108	452	0
FUW	ERCOT.LZ_NORTH_month_on_rtp	25	4197	4197	50364	453	0
FUY	ERCOT.LZ_SOUTH_month_on_rtp	25	1439	1439	17268	454	0
FVA	ERCOT.LZ_WEST_month_on_rtp	25	769	769	9228	455	0
FVC	ERCOT.HB_HOUSTON_month_on_dap	25	~~4587~~5318	~~4587~~5318	~~55044~~63816	413	0
FVD	ERCOT.HB_HOUSTON_month_off_dap	25	~~4370~~5286	~~4370~~5286	~~52440~~63432	105	0
FVE	ERCOT.HB_NORTH_month_on_dap	25	~~6982~~7252	~~6982~~7252	~~83784~~87024	414	0
FVF	ERCOT.HB_NORTH_month_off_dap	25	~~6651~~7208	~~6651~~7208	~~79812~~86496	107	0
FVG	ERCOT.HB_SOUTH_month_on_dap	25	~~1813~~2895	~~1813~~2895	~~21756~~34740	415	0
FVH	ERCOT.HB_SOUTH_month_off_dap	25	~~1727~~2878	~~1727~~2878	~~20724~~34536	109	0
FVI	ERCOT.HB_WEST_month_on_dap	25	~~1105~~2569	~~1105~~2569	~~13260~~30828	416	0
FVJ	ERCOT.HB_WEST_month_off_dap	25	~~1052~~2554	~~1052~~2554	~~12624~~30648	111	0
FVK	ERCOT.LZ_HOUSTON_month_on_dap	25	2759	2759	33108	417	0
FVM	ERCOT.LZ_NORTH_month_on_dap	25	4197	4197	50364	418	0
FVO	ERCOT.LZ_SOUTH_month_on_dap	25	1439	1439	17268	419	0
FVQ	ERCOT.LZ_WEST_month_on_dap	25	769	769	9228	420	0
FWM	PJM.PENN POWER_month_on_dap	25	174	174	2088	~~43~~477	0
FWN	PJM.PENN POWER_month_off_dap	25	140	140	1680	~~42~~473	0
FWW	PJM.FE OHIO_month_on_dap	25	2005	2005	24060	~~43~~475	0
FWX	PJM.FE OHIO_month_off_dap	25	1614	1614	19368	~~42~~471	0
FXM	MISO_RTO.INDIANA.HUB_month_on_dap	25	~~1924~~2083	~~1924~~2083	~~23088~~24996	122	0
FXN	MISO_RTO.INDIANA.HUB_month_off_dap	25	~~1680~~1833	~~1680~~1833	~~20160~~21996	121	0
FXO	MISO_RTO.INDIANA.HUB_month_on_rtp	25	~~1924~~2083	~~1924~~2083	~~23088~~24996	124	0
FXP	MISO_RTO.INDIANA.HUB_month_off_rtp	25	~~1680~~1833	~~1680~~1833	~~20160~~21996	123	0
GAK	ERCOT.HB_HOUSTON_month_2x16_dap	25	~~4370~~5318	~~4370~~5318	~~52440~~63816	~~105~~413	0
GAL	ERCOT.HB_HOUSTON_month_7x8_dap	25	~~3739~~5286	~~3739~~5286	~~44868~~63432	105	0
GAM	ERCOT.HB_NORTH_month_2x16_dap	25	~~6651~~7252	~~6651~~7252	~~79812~~87024	~~107~~414	0
GAN	ERCOT.HB_NORTH_month_7x8_dap	25	~~5691~~7208	~~5691~~7208	~~68292~~86496	107	0
GAO	ERCOT.HB_SOUTH_month_2x16_dap	25	~~1727~~2895	~~1727~~2895	~~20724~~34740	~~109~~415	0

GAP	ERCOT.HB_SOUTH_month_7x8_dap	25	~~1478~~2878	~~1478~~2878	~~17736~~34536	109	0
GAQ	ERCOT.HB_WEST_month_2x16_dap	25	~~1052~~2569	~~1052~~2569	~~12624~~30828	~~1114~~16	0
GAR	ERCOT.HB_WEST_month_7x8_dap	25	~~900~~2554	~~900~~2554	~~10800~~30648	111	0
GAS	ERCOT.LZ_HOUSTON_month_2x16_dap	25	~~2551~~2759	~~2551~~2759	~~30612~~33108	~~137~~417	0
GAT	ERCOT.LZ_HOUSTON_month_7x8_dap	25	~~2114~~2293	~~2114~~2293	~~25368~~27516	137	0
GAU	ERCOT.LZ_NORTH_month_2x16_dap	25	~~3880~~4197	~~3880~~4197	~~46560~~50364	~~140~~418	0
GAV	ERCOT.LZ_NORTH_month_7x8_dap	25	~~3488~~3216	~~3216~~3488	~~38592~~41856	140	0
GAW	ERCOT.LZ_SOUTH_month_2x16_dap	25	~~1439~~1331	~~1439~~1331	~~17268~~15972	~~142~~419	0
GAX	ERCOT.LZ_SOUTH_month_7x8_dap	25	~~1103~~1196	~~1103~~1196	~~13236~~14352	142	0
GAY	ERCOT.LZ_WEST_month_2x16_dap	25	~~711~~769	~~711~~769	~~8532~~9228	~~144~~420	0
GAZ	ERCOT.LZ_WEST_month_7x8_dap	25	~~589~~639	~~589~~639	~~7068~~7668	144	0
GBA	ERCOT.HB_HOUSTON_month_2x16_rtp	25	~~5197~~5318	~~5197~~5318	~~62364~~63816	394	0
GBB	ERCOT.HB_HOUSTON_month_7x8_rtp	25	~~3739~~5286	~~3739~~5286	~~44868~~63432	106	0
GBC	ERCOT.HB_NORTH_month_2x16_rtp	25	~~7143~~7252	~~7143~~7252	~~85716~~87024	393	0
GBD	ERCOT.HB_NORTH_month_7x8_rtp	25	~~5691~~7208	~~5691~~7208	~~68292~~86496	108	0
GBE	ERCOT.HB_SOUTH_month_2x16_rtp	25	~~2694~~2895	~~2694~~2895	~~32328~~34740	392	0
GBF	ERCOT.HB_SOUTH_month_7x8_rtp	25	~~1478~~2878	~~1478~~2878	~~17736~~34536	110	0
GBG	ERCOT.HB_WEST_month_2x16_rtp	25	~~2058~~2569	~~2058~~2569	~~24696~~30828	391	0
GBH	ERCOT.HB_WEST_month_7x8_rtp	25	~~900~~2554	~~900~~2554	~~10800~~30648	112	0
GBI	ERCOT.LZ_HOUSTON_month_2x16_rtp	25	~~2551~~2759	~~2551~~2759	~~30612~~33108	~~138~~452	0
GBJ	ERCOT.LZ_HOUSTON_month_7x8_rtp	25	~~2114~~2293	~~2114~~2293	~~25368~~27516	138	0
GBK	ERCOT.LZ_NORTH_month_2x16_rtp	25	~~3880~~4197	~~3880~~4197	~~46560~~50364	~~141~~453	0
GBL	ERCOT.LZ_NORTH_month_7x8_rtp	25	~~3216~~3488	~~3216~~3488	~~38592~~41856	141	0
GBM	ERCOT.LZ_SOUTH_month_2x16_rtp	25	~~1331~~1439	~~1331~~1439	~~15972~~17268	~~143~~454	0
GBN	ERCOT.LZ_SOUTH_month_7x8_rtp	25	~~1103~~1196	~~1103~~1196	~~13236~~14352	143	0
GBO	ERCOT.LZ_WEST_month_2x16_rtp	25	~~711~~769	~~711~~769	~~8532~~9228	~~145~~455	0
GBP	ERCOT.LZ_WEST_month_7x8_rtp	25	~~589~~639	~~589~~639	~~7068~~7668	145	0
GBY	PJM.WESTERN HUB_month_2x16_dap	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	233	0
GBZ	PJM.WESTERN HUB_month_7x8_dap	25	~~6450~~9439	~~6450~~9439	~~77400~~113268	232	0
GCA	PJM.WESTERN HUB_month_2x16_rtp	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	390	0
GCB	PJM.WESTERN HUB_month_7x8_rtp	25	~~6450~~9439	~~6450~~9439	~~77400~~113268	234	0
GCI	ERCOT.LEG_LEG_G1_month_on_dap	25	~~422~~223	~~422~~223	~~5064~~2676	~~130~~	0
GCJ	ERCOT.LEG_LEG_G1_month_off_dap	25	~~422~~223	~~422~~223	~~5064~~2676	~~129~~	0
GCY	PJM.6 BYRON25 KVBY-1_month_on_dac	25	~~612~~306	~~612~~306	~~7344~~3672	20	0
GCZ	PJM.6 BYRON25 KVBY-1_month_off_dac	25	~~612~~306	~~612~~306	~~7344~~3672	19	0
GDE	PJM.AEP-DAYTON HUB_month_on_dac	25	7031	7031	84372	26	0
GDG	PJM.AMOS26 KVAM3_month_on_dac	25	~~733~~325	~~733~~325	~~8796~~3900	~~37~~	0

GDH	PJM.AMOS26 KVAM3_month_off_dac	25	~~733~~325	~~733~~325	~~87963~~900	~~36~~	0
GDM	PJM.BEAV DUQ22 KVUNIT1_month_on_dac	25	~~462~~230	~~462~~230	~~5544~~2760		0
GDN	PJM.BEAV DUQ22 KVUNIT1_month_off_dac	25	~~462~~230	~~462~~230	~~5544~~2760		0
GDQ	PJM.BRUNNERI24 KVUNIT03_month_on_dac	25	~~392~~211	~~392~~211	~~4704~~2532		0
GDR	PJM.BRUNNERI24 KVUNIT03_month_off_dac	25	~~392~~211	~~392~~211	~~4704~~2532		0
GDU	PJM.CALVERTC22 KVGEN 02_month_on_dac	25	~~457~~233	~~457~~233	~~5484~~2796	49	0
GDV	PJM.CALVERTC22 KVGEN 02_month_off_dac	25	~~457~~233	~~457~~233	~~5484~~2796	48	0
GDW	PJM.CALVERTC25 KVGEN 01_month_on_dac	25	~~457~~229	~~457~~229	~~5484~~2748	~~49~~439	0
GDX	PJM.CALVERTC25 KVGEN 01_month_off_dac	25	~~457~~229	~~457~~229	~~5484~~2748	~~48~~438	0
GDY	PJM.CLOVER25 KVG2_month_on_dac	25	~~212~~106	~~212~~106	~~2544~~1272		0
GDZ	PJM.CLOVER25 KVG2_month_off_dac	25	~~212~~106	~~212~~106	~~2544~~1272		0
GEC	PJM.CONEMAUG22 KVUNIT 1_month_on_dac	25	~~471~~243	~~471~~243	~~5652~~2916		0
GED	PJM.CONEMAUG22 KVUNIT 1_month_off_dac	25	~~471~~243	~~471~~243	~~5652~~2916		0
GEQ	PJM.EASTON_month_on_dac	25	9	9	108	~~88~~492	0
GER	PJM.EASTON_month_off_dac	25	8	8	96	~~87~~490	0
GES	PJM.INDIANRI26 KVUNIT04_month_on_dac	25	~~200~~111	~~200~~111	~~2400~~1332		0
GET	PJM.INDIANRI26 KVUNIT04_month_off_dac	25	~~200~~111	~~200~~111	~~2400~~1332		0
GEW	PJM.KEYSTONE20 KVUNIT 1_month_on_dac	25	~~471~~234	~~471~~234	~~5652~~2808		0
GEX	PJM.KEYSTONE20 KVUNIT 1_month_off_dac	25	~~471~~234	~~471~~234	~~5652~~2808		0
GEY	PJM.LIMERICK20 KVUNIT01_month_on_dac	25	~~569~~284	~~569~~284	~~6828~~3408	~~132~~	0
GEZ	PJM.LIMERICK20 KVUNIT01_month_off_dac	25	~~569~~284	~~569~~284	~~6828~~3408	~~131~~	0
GFA	PJM.LINDEN18 KV1101 CT_month_on_dac	25	~~397~~45	~~397~~45	~~4764~~540		0
GFB	PJM.LINDEN18 KV1101 CT_month_off_dac	25	~~397~~45	~~397~~45	~~4764~~540		0
GFC	PJM.LINWDPE18 KVCT1_month_on_dac	25	~~210~~73	~~210~~73	~~2520~~876		0
GFD	PJM.LINWDPE18 KVCT1_month_off_dac	25	~~210~~73	~~210~~73	~~2520~~876		0
GFI	PJM.MONTOUR24 KVUNIT01_month_on_dac	25	~~410~~216	~~410~~216	~~4920~~2592	~~163~~	0
GFJ	PJM.MONTOUR24 KVUNIT01_month_off_dac	25	~~410~~216	~~410~~216	~~4920~~2592	~~162~~	0
GFK	PJM.N ILLINOIS HUB_month_on_dac	25	~~5938~~5952	~~5938~~5952	~~71256~~71424	167	0
GFO	PJM.PEACHBOT22 KVUNIT02_month_on_dac	25	~~576~~374	~~576~~374	~~6912~~4488	~~183~~	0
GFP	PJM.PEACHBOT22 KVUNIT02_month_off_dac	25	~~576~~374	~~576~~374	~~6912~~4488	~~182~~	0
GFQ	PJM.PECO_month_on_dac	25	~~1425~~2318	~~1425~~2318	~~17100~~27816	185	0
GFR	PJM.PECO_month_off_dac	25	~~1165~~1954	~~1165~~1954	~~13980~~23448	184	0
GFU	PJM.PENN POWER_month_on_dac	25	174	174	2088	~~43~~477	0
GFV	PJM.PENN POWER_month_off_dac	25	140	140	1680	~~42~~473	0
GFY	PJM.PEPCO DC_month_on_dac	25	285	285	3420	~~189~~505	0
GFZ	PJM.PEPCO DC_month_off_dac	25	230	230	2760	~~188~~503	0
GGA	PJM.PEPCO MD_month_on_dac	25	570	570	6840	~~189~~506	0

GGB	PJM.PEPCO MD_month_off_dac	25	460	460	5520	~~188~~504	0
GGC	PJM.PEPCO SMECO_month_on_dac	25	163	163	1956	~~189~~	0
GGD	PJM.PEPCO SMECO_month_off_dac	25	131	131	1572	~~188~~	0
GGE	PJM.PPL_month_on_dac	25	~~1424~~2193	~~1424~~2193	~~17088~~26316	193	0
GGF	PJM.PPL_month_off_dac	25	~~1153~~1859	~~1153~~1859	~~13836~~22308	192	0
GGG	PJM.PSEG_month_on_dac	25	~~1470~~1548	~~1470~~1548	~~17640~~18576	195	0
GGH	PJM.PSEG_month_off_dac	25	~~1168~~1170	~~1168~~1170	~~14016~~14040	194	0
GGK	PJM.SUSQUEHA24 KVUNIT01_month_on_dac	25	~~649~~316	~~649~~316	~~7788~~3792	213	0
GGL	PJM.SUSQUEHA24 KVUNIT01_month_off_dac	25	~~649~~316	~~649~~316	~~7788~~3792	212	0
GGM	PJM.SUSQUEHA24 KVUNIT02_month_on_dac	25	~~649~~316	~~649~~316	~~7788~~3792	~~213~~447	0
GGN	PJM.SUSQUEHA24 KVUNIT02_month_off_dac	25	~~649~~316	~~649~~316	~~7788~~3792	~~212~~446	0
GGQ	PJM.WESTERN HUB_month_on_dac	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	233	0
GGR	PJM.WESTERN HUB_month_off_dac	25	~~7747~~9439	~~7747~~9439	~~92964~~113268	232	0
GGS	PJM.1 LASALL24 KVLA-2_month_on_dac	25	~~585~~292	~~585~~292	~~70203~~504	384	0
GGT	PJM.1 LASALL24 KVLA-2_month_off_dac	25	~~585~~292	~~585~~292	~~70203~~504	385	0
GGU	PJM.20 BRAID24 KVBR-2_month_on_dac	25	~~612~~306	~~612~~306	~~7344~~3672	~~386~~	0
GGV	PJM.20 BRAID24 KVBR-2_month_off_dac	25	~~612~~306	~~612~~306	~~7344~~3672	~~387~~	0
GGW	PJM.AMOS26 KVAM2_month_on_dac	25	~~733~~204	~~733~~204	~~87962~~448	~~37~~	0
GGX	PJM.AMOS26 KVAM2_month_off_dac	25	~~733~~204	~~733~~204	~~87962~~448	~~36~~	0
GGY	PJM.BRANDONS24 KVGEN 01_month_on_dac	25	~~343~~171	~~343~~171	~~41162~~052		0
GGZ	PJM.BRANDONS24 KVGEN 01_month_off_dac	25	~~343~~171	~~343~~171	~~41162~~052		0
GHC	PJM.CONOWING13 KVGEN1_month_on_dac	25	~~127~~11	~~127~~11	~~1524~~132		0
GHD	PJM.CONOWING13 KVGEN1_month_off_dac	25	~~127~~11	~~127~~11	~~1524~~132		0
GHE	PJM.COOK26 KVCK1_month_on_dac	25	~~571~~288	~~571~~288	~~68523~~456	~~63~~	0
GHF	PJM.COOK26 KVCK1_month_off_dac	25	~~571~~288	~~571~~288	~~68523~~456	~~62~~	0
GHG	PJM.COOK26 KVCK2_month_on_dac	25	~~571~~283	~~571~~283	~~68523~~396	~~63~~	0
GHH	PJM.COOK26 KVCK2_month_off_dac	25	~~571~~283	~~571~~283	~~68523~~396	~~62~~	0
GHI	PJM.DPL NORTH_month_on_dac	25	252	252	3024	~~88~~	0
GHJ	PJM.DPL NORTH_month_off_dac	25	216	216	2592	~~87~~	0
GHK	PJM.DRESDEN18 KVSTM1_month_on_dac	25	~~1454~~9	~~1454~~9	~~1740~~588		0
GHL	PJM.DRESDEN18 KVSTM1_month_off_dac	25	~~1454~~9	~~1454~~9	~~1740~~588		0
GHO	PJM.FE OHIO_month_on_dac	25	2005	2005	24060	~~43~~475	0
GHP	PJM.FE OHIO_month_off_dac	25	1614	1614	19368	~~42~~471	0
GHQ	PJM.FOWLER34.5 KVFWLR1AWF_month_on_dac	25	~~150~~147	~~150~~147	~~18001~~764		0
GHR	PJM.FOWLER34.5 KVFWLR1AWF_month_off_dac	25	~~150~~147	~~150~~147	~~18001~~764		0
GHW	PJM.KAMMER226 KVML1_month_on_dac	25	178	178	2136	~~128~~	0
GHX	PJM.KAMMER226 KVML1_month_off_dac	25	178	178	2136	~~127~~	0

GHY	PJM.KAMMER226 KVML2_month_on_dac	25	178	178	2136	~~128~~	0
GHZ	PJM.KAMMER226 KVML2_month_off_dac	25	178	178	2136	~~127~~	0
GIA	PJM.MARTINSC24 KVUNIT03_month_on_dac	25	~~449~~212	~~449~~212	~~5388~~2544		0
GIB	PJM.MARTINSC24 KVUNIT03_month_off_dac	25	~~449~~212	~~449~~212	~~5388~~2544		0
GIG	PJM.MONTOUR24 KVUNIT02_month_on_dac	25	~~410~~223	~~410~~223	~~4920~~2676	~~163~~	0
GIH	PJM.MONTOUR24 KVUNIT02_month_off_dac	25	~~410~~223	~~410~~223	~~4920~~2676	~~162~~	0
GII	PJM.MTSTORM422 KVG3_month_on_dac	25	~~420~~130	~~420~~130	~~5040~~1560	165	0
GIJ	PJM.MTSTORM422 KVG3_month_off_dac	25	~~420~~130	~~420~~130	~~5040~~1560	164	0
GIS	PJM.PERRYMAN13 KVCT 1_month_on_dac	25	~~10~~13	~~10~~13	~~1212~~156		0
GIT	PJM.PERRYMAN13 KVCT 1_month_off_dac	25	~~10~~13	~~10~~13	~~1212~~156		0
GIU	PJM.PLEA APS26 KVGEN 1_month_on_dac	25	~~342~~171	~~342~~171	~~4104~~2052	~~191~~	0
GIV	PJM.PLEA APS26 KVGEN 1_month_off_dac	25	~~342~~171	~~342~~171	~~4104~~2052	~~190~~	0
GIW	PJM.PSEGGLOB18 KV6_month_on_dac	25	~~231~~186	~~231~~186	~~2772~~2232	318	0
GIX	PJM.PSEGGLOB18 KV6_month_off_dac	25	~~231~~186	~~231~~186	~~2772~~2232	319	0
GIY	PJM.ROCKPOR226 KVRP1_month_on_dac	25	~~650~~325	~~650~~325	~~7800~~3900		0
GIZ	PJM.ROCKPOR226 KVRP1_month_off_dac	25	~~650~~325	~~650~~325	~~7800~~3900		0
GJA	PJM.SALEM25 KVSALEM1_month_on_dac	25	~~595~~292	~~595~~292	~~7140~~3504		0
GJB	PJM.SALEM25 KVSALEM1_month_off_dac	25	~~595~~292	~~595~~292	~~7140~~3504		0
GJG	PJM.TIDD_AEP24 KVCD1_month_on_dac	25	~~470~~153	~~470~~153	~~5640~~1836	~~221~~	0
GJH	PJM.TIDD_AEP24 KVCD1_month_off_dac	25	~~470~~153	~~470~~153	~~5640~~1836	~~220~~	0
GJI	PJM.TIDD_AEP24 KVCD2_month_on_dac	25	~~470~~153	~~470~~153	~~5640~~1836	~~221~~	0
GJJ	PJM.TIDD_AEP24 KVCD2_month_off_dac	25	~~470~~153	~~470~~153	~~5640~~1836	~~220~~	0
GJK	PJM.WAGNER13 KVGEN 01_month_on_dac	25	~~265~~37	~~265~~37	~~3180~~444		0
GJL	PJM.WAGNER13 KVGEN 01_month_off_dac	25	~~265~~37	~~265~~37	~~3180~~444		0
GJM	PJM.IRONWOOD16 KVCT-1_month_on_dac	25	~~194~~64	~~194~~64	~~2328~~768	340	0
GJN	PJM.IRONWOOD16 KVCT-1_month_off_dac	25	~~194~~64	~~194~~64	~~2328~~768	341	0
GJO	PJM.LIMERICK20 KVUNIT02_month_on_dac	25	~~569~~284	~~569~~284	~~6828~~3408	~~132~~	0
GJP	PJM.LIMERICK20 KVUNIT02_month_off_dac	25	~~569~~284	~~569~~284	~~6828~~3408	~~131~~	0
GJU	PJM.4 QUAD C18 KVQC-1_month_on_dac	25	~~505~~252	~~505~~252	~~6060~~3024	313	0
GJV	PJM.4 QUAD C18 KVQC-1_month_off_dac	25	~~505~~252	~~505~~252	~~6060~~3024	314	0
GJW	PJM.6 BYRON25 KVBY-2_month_on_dac	25	~~612~~306	~~612~~306	~~7344~~3672	~~20~~	0
GJX	PJM.6 BYRON25 KVBY-2_month_off_dac	25	~~612~~306	~~612~~306	~~7344~~3672	~~19~~	0
GKA	PJM.BATHCO20 KVGM1_month_on_dac	25	~~716~~119	~~716~~119	~~8592~~1428	350	0
GKB	PJM.BATHCO20 KVGM1_month_off_dac	25	~~716~~119	~~716~~119	~~8592~~1428	366	0
GKC	PJM.BEAVER13.2 KVWL-A_month_on_dac	25	~~37~~16	~~37~~16	~~444~~192		0
GKD	PJM.BEAVER13.2 KVWL-A_month_off_dac	25	~~37~~16	~~37~~16	~~444~~192		0
GMK	MISO_RTO.INDIANA.HUB_month_on_dac	25	~~1924~~2083	~~1924~~2083	~~23088~~24996	122	0

GML	MISO_RTO.INDIANA.HUB_month_off_dac	25	~~1680~~1833	~~1680~~1833	~~20160~~21996	121	0
GMS	MISO_RTO.AMIL.BALDWI51_month_on_dac	25	~~440~~156	~~440~~156	~~5280~~1872	~~33~~	0
GMT	MISO_RTO.AMIL.BALDWI51_month_off_dac	25	~~440~~156	~~440~~156	~~5280~~1872	~~32~~	0
GMY	MISO_RTO.AMMO.LABADIE1_month_on_dac	25	~~632~~143	~~632~~143	~~7584~~1716		0
GMZ	MISO_RTO.AMMO.LABADIE1_month_off_dac	25	~~632~~143	~~632~~143	~~7584~~1716		0
GNA	MISO_RTO.AMIL.NEWTON21_month_on_dac	25	~~315~~154	~~315~~154	~~3780~~1848		0
GNB	MISO_RTO.AMIL.NEWTON21_month_off_dac	25	~~315~~154	~~315~~154	~~3780~~1848		0
GNC	MISO_RTO.WEC.OKCGC7_month_on_dac	25	~~219~~79	~~219~~79	~~2628~~948		0
GND	MISO_RTO.WEC.OKCGC7_month_off_dac	25	~~219~~79	~~219~~79	~~2628~~948		0
GNE	MISO_RTO.AMMO.RUSHIS1_month_on_dac	25	~~318~~155	~~318~~155	~~3816~~1860		0
GNF	MISO_RTO.AMMO.RUSHIS1_month_off_dac	25	~~318~~155	~~318~~155	~~3816~~1860		0
GNG	MISO_RTO.NIPS.SCHAHP18_month_on_dac	25	~~406~~105	~~406~~105	~~4872~~1260		0
GNH	MISO_RTO.NIPS.SCHAHP18_month_off_dac	25	~~406~~105	~~406~~105	~~4872~~1260		0
GNI	MISO_RTO.ALTW.OTTUMW1_month_on_dac	25	~~191~~91	~~191~~91	~~2292~~1092		0
GNJ	MISO_RTO.ALTW.OTTUMW1_month_off_dac	25	~~191~~91	~~191~~91	~~2292~~1092		0
GNK	MISO_RTO.AMIL.CLINTO51_month_on_dac	25	~~264~~263	~~264~~263	~~3168~~3156		0
GNL	MISO_RTO.AMIL.CLINTO51_month_off_dac	25	~~264~~263	~~264~~263	~~3168~~3156		0
GNQ	MISO_RTO.WEC.PTBHGB1_month_on_dac	25	~~296~~160	~~296~~160	~~3552~~1920	229	0
GNR	MISO_RTO.WEC.PTBHGB1_month_off_dac	25	~~296~~160	~~296~~160	~~3552~~1920	228	0
GNS	MISO_RTO.IPL.16PETEE3_month_on_dac	25	~~131~~168	~~131~~168	~~1572~~2016		0
GNT	MISO_RTO.IPL.16PETEE3_month_off_dac	25	~~131~~168	~~131~~168	~~1572~~2016		0
GNU	MISO_RTO.IPL.16STOU7O7_month_on_dac	25	~~131~~115	~~131~~115	~~1572~~1380		0
GNV	MISO_RTO.IPL.16STOU7O7_month_off_dac	25	~~131~~115	~~131~~115	~~1572~~1380		0
GOG	MISO_RTO.WPS.COLUMBIA1_month_on_dac	25	~~143~~39	~~143~~39	~~1716~~468		0
GOH	MISO_RTO.WPS.COLUMBIA1_month_off_dac	25	~~143~~39	~~143~~39	~~1716~~468		0
GOI	MISO_RTO.CIN.GIBSON.1_month_on_dac	25	~~808~~166	~~808~~166	~~9696~~1992		0
GOJ	MISO_RTO.CIN.GIBSON.1_month_off_dac	25	~~808~~166	~~808~~166	~~9696~~1992		0
GOM	MISO_RTO.ALTW.JOULGSCIP_month_on_dac	25	~~18~~98	~~18~~98	~~226~~896		0
GON	MISO_RTO.ALTW.JOULGSCIP_month_off_dac	25	~~18~~98	~~18~~98	~~226~~896		0
GOO	MISO_RTO.CONS.LIVINGEN1_month_on_dac	25	~~33~~10	~~33~~10	~~396~~120		0
GOP	MISO_RTO.CONS.LIVINGEN1_month_off_dac	25	~~33~~10	~~33~~10	~~396~~120		0
GOQ	MISO_RTO.GRE.LKFLGR1_month_on_dac	25	~~137~~22	~~137~~22	~~1644~~264		0
GOR	MISO_RTO.GRE.LKFLGR1_month_off_dac	25	~~137~~22	~~137~~22	~~1644~~264		0
GOW	MISO_RTO.DECO.LUD1_month_on_dac	25	~~78~~82	~~78~~82	~~936~~984		0
GOX	MISO_RTO.DECO.LUD1_month_off_dac	25	~~78~~82	~~78~~82	~~936~~984		0
GPA	MISO_RTO.NSP.SHERCO1_month_on_dac	25	~~360~~180	~~360~~180	~~4320~~2160		0
GPB	MISO_RTO.NSP.SHERCO1_month_off_dac	25	~~360~~180	~~360~~180	~~4320~~2160		0

GPE	MISO_RTO.ALTW.WSEC3_month_on_dac	25	~~168~~20	~~168~~20	~~2016~~240		0
GPF	MISO_RTO.ALTW.WSEC3_month_off_dac	25	~~168~~20	~~168~~20	~~2016~~240		0
GPU	MISO_RTO.CIN.CAYUGA.1_month_on_dac	25	~~260~~132	~~260~~132	~~3120~~1584		0
GPV	MISO_RTO.CIN.CAYUGA.1_month_off_dac	25	~~260~~132	~~260~~132	~~3120~~1584		0
GPW	MISO_RTO.CONS.CAMPBELL2_month_on_dac	25	~~154~~94	~~154~~94	~~1848~~1128		0
GPX	MISO_RTO.CONS.CAMPBELL2_month_off_dac	25	~~154~~94	~~154~~94	~~1848~~1128		0
GQS	MISO_RTO.SIPC.MARI69_month_on_dac	25	~~28~~24	~~28~~24	~~336~~288		0
GQT	MISO_RTO.SIPC.MARI69_month_off_dac	25	~~28~~24	~~28~~24	~~336~~288		0
GRY	MISO_RTO.AMIL.EDWARDS3_month_on_dac	25	~~186~~85	~~186~~85	~~2232~~1020		0
GRZ	MISO_RTO.AMIL.EDWARDS3_month_off_dac	25	~~186~~85	~~186~~85	~~2232~~1020		0
GTI	PJM.FREMONTE18 KVFT1_month_on_dac	25	~~171~~47	~~171~~47	~~2052~~564		0
GTJ	PJM.FREMONTE18 KVFT1_month_off_dac	25	~~171~~47	~~171~~47	~~2052~~564		0
GTM	PJM.PERRY_FE22 KVPR10_month_on_dac	25	~~328~~327	~~328~~327	~~3936~~3924		0
GTN	PJM.PERRY_FE22 KVPR10_month_off_dac	25	~~328~~327	~~328~~327	~~3936~~3924		0
GUY	MISO_RTO.DECO.MONROE1_month_on_dac	25	~~780~~204	~~780~~204	~~9360~~2448		0
GUZ	MISO_RTO.DECO.MONROE1_month_off_dac	25	~~780~~204	~~780~~204	~~9360~~2448		0
GVE	MISO_RTO.SIGE.FOWLR_month_on_dac	25	~~150~~147	~~150~~147	~~1800~~1764		0
GVF	MISO_RTO.SIGE.FOWLR_month_off_dac	25	~~150~~147	~~150~~147	~~1800~~1764		0
GVG	MISO_RTO.TVA.WHITEOAK_month_on_dac	25	~~38~~37	~~38~~37	~~456~~444		0
GVH	MISO_RTO.TVA.WHITEOAK_month_off_dac	25	~~38~~37	~~38~~37	~~456~~444		0
GVU	PJM.HARR APS20 KVGEN 1_month_on_dap	25	~~513~~171	~~513~~171	~~6156~~2052	102	0
GVV	PJM.HARR APS20 KVGEN 1_month_off_dap	25	~~513~~171	~~513~~171	~~6156~~2052	101	0
GWJ	PJM.ASYLUM23 KVLIBRTY10_month_on_dac	25	~~217~~46	~~217~~46	~~2604~~552	344	0
GWK	PJM.ASYLUM23 KVLIBRTY10_month_off_dac	25	~~217~~46	~~217~~46	~~2604~~552	345	0
GXC	PJM.HARR APS20 KVGEN 1_month_on_dac	25	~~513~~171	~~513~~171	~~6156~~2052	102	0
GXD	PJM.HARR APS20 KVGEN 1_month_off_dac	25	~~513~~171	~~513~~171	~~6156~~2052	101	0
GXE	PJM.HARR APS20 KVGEN 2_month_on_dac	25	~~513~~171	~~513~~171	~~6156~~2052	~~102~~	0
GXF	PJM.HARR APS20 KVGEN 2_month_off_dac	25	~~513~~171	~~513~~171	~~6156~~2052	~~101~~	0
GXI	PJM.FTMARTIN22 KVGEN 1_month_on_dac	25	~~288~~144	~~288~~144	~~3456~~1728		0
GXJ	PJM.FTMARTIN22 KVGEN 1_month_off_dac	25	~~288~~144	~~288~~144	~~3456~~1728		0
GXM	PJM.PLEA APS26 KVGEN 2_month_on_dac	25	~~342~~171	~~342~~171	~~4104~~2052	~~191~~	0
GXN	PJM.PLEA APS26 KVGEN 2_month_off_dac	25	~~342~~171	~~342~~171	~~4104~~2052	~~190~~	0
GXQ	ERCOT.LZ_LCRA_month_on_dap	25	524	524	6288	~~421~~	0
GXS	ERCOT.LZ_LCRA_month_7x8_dap	25	~~401~~435	~~401~~435	~~4812~~5220	139	0
GXT	ERCOT.LZ_LCRA_month_2x16_dap	25	~~484~~524	~~484~~524	~~5808~~6288	~~139~~421	0
GXU	ERCOT.LZ_CPS_month_on_dap	25	980	980	11760	~~422~~	0
GXW	ERCOT.LZ_CPS_month_7x8_dap	25	~~751~~814	~~751~~814	~~9012~~9768	136	

Code	Name						
GXX	ERCOT.LZ_CPS_month_2x16_dap	25	~~906~~980	~~906~~980	~~10872~~11760	~~136~~422	0
GXY	ERCOT.LZ_AEN_month_on_dap	25	416	416	4992	~~423~~	0
GYA	ERCOT.LZ_AEN_month_7x8_dap	25	~~319~~345	~~319~~345	~~3828~~4140	135	0
GYB	ERCOT.LZ_AEN_month_2x16_dap	25	~~384~~416	~~384~~416	~~4992~~4608	~~135~~423	0
GYC	ERCOT.DC_R_month_on_dap	25	38	38	456	~~424~~	0
GYF	ERCOT.DC_R_month_2x16_dap	25	38	38	456	~~68~~424	0
GYG	ERCOT.DC_N_month_on_dap	25	55	55	660	~~425~~	0
GYJ	ERCOT.DC_N_month_2x16_dap	25	55	55	660	~~67~~425	0
GYK	ERCOT.DC_E_month_on_dap	25	150	150	1800	~~426~~	0
GYN	ERCOT.DC_E_month_2x16_dap	25	150	150	1800	~~66~~426	0
GYO	ERCOT.OECCS_1_month_on_dap	25	~~248~~144	~~248~~144	~~2976~~1728		0
GYP	ERCOT.OECCS_1_month_off_dap	25	~~248~~144	~~248~~144	~~2976~~1728		0
GYQ	ERCOT.OECCS_1_month_on_rtp	25	~~248~~144	~~248~~144	~~2976~~1728		0
GYR	ERCOT.OECCS_1_month_off_rtp	25	~~248~~144	~~248~~144	~~2976~~1728		0
GYS	MISO_RTO.AMMO.SIOUX1_month_on_dac	25	~~259~~137	~~259~~137	~~3108~~1644		0
GYT	MISO_RTO.AMMO.SIOUX1_month_off_dac	25	~~259~~137	~~259~~137	~~3108~~1644		0
HAI	NYISO.ARTHUR_KILL_2_month_on_dac	25	~~233~~94	~~233~~94	~~2796~~1128	~~41~~	0
HAJ	NYISO.ARTHUR_KILL_2_month_off_dac	25	~~233~~94	~~233~~94	~~2796~~1128	~~40~~	0
HAK	NYISO.ARTHUR_KILL_3_month_on_dac	25	~~233~~133	~~233~~133	~~2796~~1596	~~41~~	0
HAL	NYISO.ARTHUR_KILL_3_month_off_dac	25	~~233~~133	~~233~~133	~~2796~~1596	~~40~~	0
HAM	NYISO.AST_ENERGY_2_CC3_month_on_dac	25	~~154~~82	~~154~~82	~~1848~~984		0
HAN	NYISO.AST_ENERGY_2_CC3_month_off_dac	25	~~154~~82	~~154~~82	~~1848~~984		0
HAO	NYISO.ASTORIA_EAST_ENERGY_CC1_month_on_dac	25	~~160~~80	~~160~~80	~~1920~~960		0
HAP	NYISO.ASTORIA_EAST_ENERGY_CC1_month_off_dac	25	~~160~~80	~~160~~80	~~1920~~960		0
HAQ	NYISO.ATHENS_STG_1_month_on_dac	25	~~331~~110	~~331~~110	~~3972~~1320		0
HAR	NYISO.ATHENS_STG_1_month_off_dac	25	~~331~~110	~~331~~110	~~3972~~1320		0
HAS	NYISO.BARRETT___1_month_on_dac	25	~~167~~47	~~167~~47	~~2004~~564	~~297~~	0
HAT	NYISO.BARRETT___1_month_off_dac	25	~~167~~47	~~167~~47	~~2004~~564	~~298~~	0
HAW	NYISO.BOWLINE___1_month_on_dac	25	~~311~~155	~~311~~155	~~3732~~1860		0
HAX	NYISO.BOWLINE___1_month_off_dac	25	~~311~~155	~~311~~155	~~3732~~1860		0
HAY	NYISO.BROOKLYN_NAVY_YARD_month_on_dac	25	~~81~~80	~~81~~80	~~972~~960		0
HAZ	NYISO.BROOKLYN_NAVY_YARD_month_off_dac	25	~~81~~80	~~81~~80	~~972~~960		0
HBA	NYISO.CAITHNESS_CC_1_month_on_dac	25	~~87~~93	~~87~~93	~~1044~~1116		0
HBB	NYISO.CAITHNESS_CC_1_month_off_dac	25	~~87~~93	~~87~~93	~~1044~~1116		0
HBE	NYISO.CARR STREET_E._SYR_month_on_dac	25	~~31~~30	~~31~~30	~~372~~360		0
HBF	NYISO.CARR STREET_E._SYR_month_off_dac	25	~~31~~30	~~31~~30	~~372~~360		0
HBI	NYISO.CH_RES_BVR_FALLS_month_on_dac	25	~~27~~26	~~27~~26	~~324~~312		0

HBJ	NYISO.CH_RES_BVR_FALLS_month_off_dac	25	~~27~~26	~~27~~26	~~324~~312		0
HBK	NYISO.CH_RES_SYRACUSE_month_on_dac	25	~~26~~25	~~26~~25	~~312~~300		0
HBL	NYISO.CH_RES_SYRACUSE_month_off_dac	25	~~26~~25	~~26~~25	~~312~~300		0
HBM	NYISO.CHATEAUG_WT_PWR_month_on_dac	25	~~27~~26	~~27~~26	~~324~~312		0
HBN	NYISO.CHATEAUG_WT_PWR_month_off_dac	25	~~27~~26	~~27~~26	~~324~~312		0
HBO	NYISO.DANSKAMMER___4_month_on_dac	25	~~134~~59	~~134~~59	~~1608~~708		0
HBP	NYISO.DANSKAMMER___4_month_off_dac	25	~~134~~59	~~134~~59	~~1608~~708		0
HBW	NYISO.EAST RIVER___7_month_on_dac	25	~~179~~50	~~179~~50	~~2148~~600		0
HBX	NYISO.EAST RIVER___7_month_off_dac	25	~~179~~50	~~179~~50	~~2148~~600		0
HBY	NYISO.EMPIRE_CC_1_month_on_dac	25	~~168~~83	~~168~~83	~~2016~~996		0
HBZ	NYISO.EMPIRE_CC_1_month_off_dac	25	~~168~~83	~~168~~83	~~2016~~996		0
HCC	NYISO.FITZPATRICK_____month_on_dac	25	~~221~~220	~~221~~220	~~2652~~2640		0
HCD	NYISO.FITZPATRICK_____month_off_dac	25	~~221~~220	~~221~~220	~~2652~~2640		0
HCG	NYISO.GILBOA___1_month_on_dac	25	~~250~~72	~~250~~72	~~3000~~864		0
HCH	NYISO.GILBOA___1_month_off_dac	25	~~250~~72	~~250~~72	~~3000~~864		0
HCI	NYISO.GINNA_____month_on_dac	25	~~154~~153	~~154~~153	~~1848~~1836		0
HCJ	NYISO.GINNA_____month_off_dac	25	~~154~~153	~~154~~153	~~1848~~1836		0
HCM	NYISO.GLOBAL GREEN_PORT_GT1_month_on_dac	25	~~14~~13	~~14~~13	~~168~~156		0
HCN	NYISO.GLOBAL GREEN_PORT_GT1_month_off_dac	25	~~14~~13	~~14~~13	~~168~~156		0
HCO	NYISO.HISHELDN_WT_PWR_month_on_dac	25	~~28~~29	~~28~~29	~~336~~348		0
HCP	NYISO.HISHELDN_WT_PWR_month_off_dac	25	~~28~~29	~~28~~29	~~336~~348		0
HCU	NYISO.HUD VL_month_on_dac	25	~~2968~~3398	~~2968~~3398	~~35616~~40776	114	0
HCV	NYISO.HUD VL_month_off_dac	25	~~2968~~3368	~~2968~~3368	~~35616~~40416	113	0
HCW	NYISO.HUNTLEY___67_month_on_dac	25	~~109~~18	~~109~~18	~~2161~~308		0
HCX	NYISO.HUNTLEY___67_month_off_dac	25	~~109~~18	~~109~~18	~~2161~~308		0
HCY	NYISO.INDECK___CORINTH_month_on_dac	25	~~37~~36	~~37~~36	~~444~~432		0
HCZ	NYISO.INDECK___CORINTH_month_off_dac	25	~~37~~36	~~37~~36	~~444~~432		0
HDA	NYISO.INDIAN POINT___2_month_on_dac	25	~~325~~324	~~325~~324	~~3900~~3888	~~120~~	0
HDB	NYISO.INDIAN POINT___2_month_off_dac	25	~~325~~324	~~325~~324	~~3900~~3888	~~119~~	0
HDE	NYISO.KINTIGH_____month_on_dac	25	~~164~~163	~~164~~163	~~1968~~1956		0
HDF	NYISO.KINTIGH_____month_off_dac	25	~~164~~163	~~164~~163	~~1968~~1956		0
HDG	NYISO.LINDEN COGEN_____month_on_dac	25	~~259~~200	~~259~~200	~~3108~~2400		0
HDH	NYISO.LINDEN COGEN_____month_off_dac	25	~~259~~200	~~259~~200	~~3108~~2400		0
HDK	NYISO.MAPLE_RIDGE_WT_1_month_on_dac	25	~~8~~157	~~8~~157	~~972~~684		0
HDL	NYISO.MAPLE_RIDGE_WT_1_month_off_dac	25	~~8~~157	~~8~~157	~~972~~684		0
HDO	NYISO.MILLIKEN___2_month_on_dac	25	~~8~~280	~~8~~280	~~984~~960		0
HDP	NYISO.MILLIKEN___2_month_off_dac	25	~~8~~280	~~8~~280	~~984~~960		0

HDV	NYISO.N.Y.C._month_off_dac	25	~~1366~~1346	~~1366~~1346	~~16392~~16152	168	0
HDY	NYISO.NEG NORTH_FLCN_SEA_month_on_dac	25	~~72~~71	~~72~~71	~~864~~852		0
HDZ	NYISO.NEG NORTH_FLCN_SEA_month_off_dac	25	~~72~~71	~~72~~71	~~864~~852		0
HEG	NYISO.NINE_MILE_1_month_on_dac	25	~~475~~160	~~475~~160	~~5700~~1920	~~301~~	0
HEH	NYISO.NINE_MILE_1_month_off_dac	25	~~475~~160	~~475~~160	~~5700~~1920	~~302~~	0
HEK	NYISO.NORTHPORT___1_month_on_dac	25	~~391~~96	~~391~~96	~~4692~~1152	~~175~~	0
HEL	NYISO.NORTHPORT___1_month_off_dac	25	~~391~~96	~~391~~96	~~4692~~1152	~~174~~	0
HEM	NYISO.NORTHPORT___3_month_on_dac	25	~~391~~96	~~391~~96	~~4692~~1152	~~175~~	0
HEN	NYISO.NORTHPORT___3_month_off_dac	25	~~391~~96	~~391~~96	~~4692~~1152	~~174~~	0
HEQ	NYISO.NYPA___ASTORIA_CC1_month_on_dac	25	~~144~~72	~~144~~72	~~864~~1728	~~303~~	0
HER	NYISO.NYPA___ASTORIA_CC1_month_off_dac	25	~~144~~72	~~144~~72	~~864~~1728	~~304~~	0
HES	NYISO.NYPA___HOLTSVILL_month_on_dac	25	~~142~~42	~~142~~42	~~1704~~504		0
HET	NYISO.NYPA___HOLTSVILL_month_off_dac	25	~~142~~42	~~142~~42	~~1704~~504		0
HEU	NYISO.NYPA_BRENTWD_____GT_month_on_dac	25	~~13~~11	~~13~~11	~~156~~132		0
HEV	NYISO.NYPA_BRENTWD_____GT_month_off_dac	25	~~13~~11	~~13~~11	~~156~~132		0
HEW	NYISO.NYPA_GOWANUS_____GT5_month_on_dac	25	~~25~~11	~~25~~11	~~300~~132	~~305~~	0
HEX	NYISO.NYPA_GOWANUS_____GT5_month_off_dac	25	~~25~~11	~~25~~11	~~300~~132	~~306~~	0
HEY	NYISO.NYPA_POUCH1_____GT_month_on_dac	25	~~13~~11	~~13~~11	~~156~~132		0
HEZ	NYISO.NYPA_POUCH1_____GT_month_off_dac	25	~~13~~11	~~13~~11	~~156~~132		0
HFA	NYISO.NYPA_VERNON_____GT2_month_on_dac	25	~~25~~11	~~25~~11	~~300~~132		0
HFB	NYISO.NYPA_VERNON_____GT2_month_off_dac	25	~~25~~11	~~25~~11	~~300~~132		0
HFE	NYISO.OSWEGO___5_month_on_dac	25	~~451~~225	~~451~~225	~~5412~~2700		0
HFF	NYISO.OSWEGO___5_month_off_dac	25	~~451~~225	~~451~~225	~~5412~~2700		0
HFG	NYISO.PINELAWN_CC_1_month_on_dac	25	~~21~~20	~~21~~20	~~252~~240		0
HFH	NYISO.PINELAWN_CC_1_month_off_dac	25	~~21~~20	~~21~~20	~~252~~240		0
HFM	NYISO.PORT_JEFF_3_month_on_dac	25	~~125~~47	~~125~~47	~~1500~~564		0
HFN	NYISO.PORT_JEFF_3_month_off_dac	25	~~125~~47	~~125~~47	~~1500~~564		0
HFO	NYISO.RAVENSWOOD___1_month_on_dac	25	~~656~~100	~~656~~100	~~7872~~1200	197	0
HFP	NYISO.RAVENSWOOD___1_month_off_dac	25	~~656~~100	~~656~~100	~~7872~~1200	196	0
HFQ	NYISO.RAVENSWOOD___2_month_on_dac	25	~~656~~100	~~656~~100	~~7872~~1200	~~197~~443	0
HFR	NYISO.RAVENSWOOD___2_month_off_dac	25	~~656~~100	~~656~~100	~~7872~~1200	~~196~~440	0
HFS	NYISO.RAVENSWOOD___3_month_on_dac	25	~~656~~256	~~656~~256	~~7872~~3072	~~197~~444	0
HFT	NYISO.RAVENSWOOD___3_month_off_dac	25	~~656~~256	~~656~~256	~~7872~~3072	~~196~~441	0
HFU	NYISO.RAVENSWOOD___4_month_on_dac	25	~~656~~62	~~656~~62	~~7872~~744	~~197~~445	0
HFV	NYISO.RAVENSWOOD___4_month_off_dac	25	~~656~~62	~~656~~62	~~7872~~744	~~196~~442	0
HFW	NYISO.RENSSELAER___COGEN_month_on_dac	25	~~26~~24	~~26~~24	~~312~~288		0
HFX	NYISO.RENSSELAER___COGEN_month_off_dac	25	~~26~~24	~~26~~24	~~312~~288		0

HFY	NYISO.ROSETON___1_month_on_dac	25	~~311~~155	~~311~~155	~~3732~~1860		0
HFZ	NYISO.ROSETON___1_month_off_dac	25	~~311~~155	~~311~~155	~~3732~~1860		0
HGA	NYISO.SELKIRK___I_month_on_dac	25	~~112~~26	~~112~~26	~~1344~~312		0
HGB	NYISO.SELKIRK___I_month_off_dac	25	~~112~~26	~~112~~26	~~1344~~312		0
HGC	NYISO.SITHE___INDEPEND_month_on_dac	25	~~272~~102	~~272~~102	~~3264~~1224		0
HGD	NYISO.SITHE___INDEPEND_month_off_dac	25	~~272~~102	~~272~~102	~~3264~~1224		0
HGE	NYISO.SITHE___MASSENA_month_on_dac	25	~~26~~25	~~26~~25	~~312~~300		0
HGF	NYISO.SITHE___MASSENA_month_off_dac	25	~~26~~25	~~26~~25	~~312~~300		0
HGG	NYISO.ST LAWRENCE____month_on_dac	25	~~272~~228	~~272~~228	~~3264~~2736		0
HGH	NYISO.ST LAWRENCE____month_off_dac	25	~~272~~228	~~272~~228	~~3264~~2736		0
HGM	NYISO.WADING RIVER_IC_1_month_on_dac	25	~~60~~19	~~60~~19	~~720~~228		0
HGN	NYISO.WADING RIVER_IC_1_month_off_dac	25	~~60~~19	~~60~~19	~~720~~228		0
HGP	NYISO.WEST_month_off_dac	25	~~1051~~1819	~~1051~~1819	~~12612~~21828	230	0
HGS	NYISO.WETHRSFD_WT_PWR_month_on_dac	25	~~32~~31	~~32~~31	~~384~~372		0
HGT	NYISO.WETHRSFD_WT_PWR_month_off_dac	25	~~32~~31	~~32~~31	~~384~~372		0
HGU	NYISO.MARBLE_RIVER_WT_PWR_month_on_dac	25	~~54~~53	~~54~~53	~~648~~636		0
HGV	NYISO.MARBLE_RIVER_WT_PWR_month_off_dac	25	~~54~~53	~~54~~53	~~648~~636		0
HHS	NYISO.AMERICAN_REF_FUEL_month_on_dac	25	~~13~~12	~~13~~12	~~156~~144		0
HHT	NYISO.AMERICAN_REF_FUEL_month_off_dac	25	~~13~~12	~~13~~12	~~156~~144		0
HHU	NYISO.BETHLEHEM___GS3_month_on_dac	25	~~223~~74	~~223~~74	~~2676~~888		0
HHV	NYISO.BETHLEHEM___GS3_month_off_dac	25	~~223~~74	~~223~~74	~~2676~~888		0
HIC	NYISO.FORT_DRUM_COGEN_month_on_dac	25	~~15~~13	~~15~~13	~~180~~156		0
HID	NYISO.FORT_DRUM_COGEN_month_off_dac	25	~~15~~13	~~15~~13	~~180~~156		0
HIE	NYISO.HUDSON AVE_GT_4_month_on_dac	25	~~12~~27	~~12~~27	~~144~~324		0
HIF	NYISO.HUDSON AVE_GT_4_month_off_dac	25	~~12~~27	~~12~~27	~~144~~324		0
HIG	NYISO.INDECK___OLEAN_month_on_dac	25	~~23~~22	~~23~~22	~~276~~264		0
HIH	NYISO.INDECK___OLEAN_month_off_dac	25	~~23~~22	~~23~~22	~~276~~264		0
HII	NYISO.INDIAN POINT_GT_2_month_on_dac	25	~~325~~324	~~325~~324	~~3900~~3888	~~120~~	0
HIJ	NYISO.INDIAN POINT_GT_2_month_off_dac	25	~~325~~324	~~325~~324	~~3900~~3888	~~119~~	0
HIM	NYISO.NYPA_____HELLGATE_GT2_month_on_dac	25	~~25~~11	~~25~~11	~~300~~132		0
HIN	NYISO.NYPA_____HELLGATE_GT2_month_off_dac	25	~~25~~11	~~25~~11	~~300~~132		0
HIO	NYISO.NYPA_HARLEM__RVR__GT2_month_on_dac	25	~~25~~11	~~25~~11	~~300~~132		0
HIP	NYISO.NYPA_HARLEM__RVR__GT2_month_off_dac	25	~~25~~11	~~25~~11	~~300~~132		0
HIQ	NYISO.STATION 5_MISC_HYD_month_on_dac	25	~~18~~14	~~18~~14	~~216~~168		0
HIR	NYISO.STATION 5_MISC_HYD_month_off_dac	25	~~18~~14	~~18~~14	~~216~~168		0
HIW	PJM.196 KATY34.5 KVTCROPWF_month_on_dac	25	~~75~~50	~~75~~50	~~900~~600		0
HIX	PJM.196 KATY34.5 KVTCROPWF_month_off_dac	25	~~75~~50	~~75~~50	~~900~~600		0

Code	Name	Qty	Val1	Val2	Val3	Val4	
HIY	PJM.989 TWIN34.5 KVHTRAILWF_month_on_dac	25	~~50~~52	~~50~~52	~~600~~624		0
HIZ	PJM.989 TWIN34.5 KVHTRAILWF_month_off_dac	25	~~50~~52	~~50~~52	~~600~~624		0
HJA	PJM.MEADOWLK34.5 KVMEDWLKWF_month_on_dac	25	~~50~~49	~~50~~49	~~600~~588		0
HJB	PJM.MEADOWLK34.5 KVMEDWLKWF_month_off_dac	25	~~50~~49	~~50~~49	~~600~~588		0
HJE	PJM.SRIVER230 KVNUG GE_month_on_dac	25	~~65~~53	~~65~~53	~~780~~636	209	0
HJF	PJM.SRIVER230 KVNUG GE_month_off_dac	25	~~65~~53	~~65~~53	~~780~~636	208	0
HJY	MISO_RTO.AMMO.GOOSEGEN1_month_on_dac	25	~~113~~28	~~113~~28	~~1356~~336		0
HJZ	MISO_RTO.AMMO.GOOSEGEN1_month_off_dac	25	~~113~~28	~~113~~28	~~1356~~336		0
HKC	MISO_RTO.AMIL.STWF_month_on_dac	25	~~38~~37	~~38~~37	~~456~~444		0
HKD	MISO_RTO.AMIL.STWF_month_off_dac	25	~~38~~37	~~38~~37	~~456~~444		0
HKO	MISO_RTO.NIPS.OAKDAPOAK_month_on_dac	25	~~2~~1	~~2~~1	~~24~~12		0
HKP	MISO_RTO.NIPS.OAKDAPOAK_month_off_dac	25	~~2~~1	~~2~~1	~~24~~12		0
HKV	CAISO.TH_NP15_GEN-APND_month_off_dac	25	~~3961~~4688	~~3961~~4688	~~475325~~6256	214	0
HKW	CAISO.TH_SP15_GEN-APND_month_on_dac	25	~~7301~~7491	~~7301~~7491	~~876128~~9892	217	0
HKX	CAISO.TH_SP15_GEN-APND_month_off_dac	25	~~6070~~7422	~~6070~~7422	~~728408~~9064	216	0
HMC	CAISO.MISSON_1_N015_month_on_dac	25	~~1~~8	~~1~~8	~~12~~96		0
HMD	CAISO.MISSON_1_N015_month_off_dac	25	~~1~~8	~~1~~8	~~12~~96		0
HMI	CAISO.POD_MOSSLfD_2_PSP2-APND_month_on_dac	25	~~633~~199	~~633~~199	~~2388~~7596		0
HMJ	CAISO.POD_MOSSLD_2_PSP2-APND_month_off_dac	25	~~633~~199	~~633~~199	~~2388~~7596		0
HMM	CAISO.POD_DIABLO_7_UNIT 2-APND_month_on_dac	25	~~560~~291	~~560~~291	~~6720~~3492		0
HMN	CAISO.POD_DIABLO_7_UNIT 2-APND_month_off_dac	25	~~560~~291	~~560~~291	~~6720~~3492		0
HMS	CAISO.SLAP_PGHB-APND_month_on_dac	25	32	32	384	~~78~~	0
HMT	CAISO.SLAP_PGHB-APND_month_off_dac	25	27	27	324	~~77~~	0
HMY	CAISO.SONOFR2_7_B1_month_on_dac	25	~~562~~563	~~562~~563	~~6744~~6756		0
HMZ	CAISO.SONOFR2_7_B1_month_off_dac	25	~~562~~563	~~562~~563	~~6744~~6756		0
HOI	CAISO.POD_EXCHEC_7_UNIT 1-APND_month_on_dac	25	~~18~~23	~~18~~23	~~216~~276		0
HOJ	CAISO.POD_EXCHEC_7_UNIT 1-APND_month_off_dac	25	~~18~~23	~~18~~23	~~216~~276		0
HPE	ISONE..H.INTERNAL_HUB_month_on_dac	25	~~6834~~7143	~~6834~~7143	~~820008~~5716	2	0
HPF	ISONE..H.INTERNAL_HUB_month_off_dac	25	~~5695~~5902	~~5695~~5902	~~683407~~0824	1	0
HPW	ISONE.UN.SEABROOK24.5SBRK_month_on_dac	25	~~311~~310	~~311~~310	~~3732~~3720		0
HPX	ISONE.UN.SEABROOK24.5SBRK_month_off_dac	25	~~311~~310	~~311~~310	~~3732~~3720		0
HQW	PJM.EBEND20 KVEB2_month_on_dap	25	~~167~~193	~~167~~193	~~2316~~2004	378	0

HQX	PJM.EBEND20 KVEB2_month_off_dap	25	~~167~~193	~~167~~193	~~2316~~2004	379	0
HQY	PJM.EBEND20 KVEB2_month_on_dac	25	~~167~~193	~~167~~193	~~2316~~2004	378	0
HQZ	PJM.EBEND20 KVEB2_month_off_dac	25	~~167~~193	~~167~~193	~~2316~~2004	379	0
HRA	PJM.MIAMIFOR18 KVG6_month_on_dap	25	~~336~~16	~~336~~16	~~4032~~192	155	0
HRB	PJM.MIAMIFOR18 KVG6_month_off_dap	25	~~336~~16	~~336~~16	~~4032~~192	154	0
HRC	PJM.MIAMIFOR18 KVG6_month_on_dac	25	~~336~~16	~~336~~16	~~4032~~192	155	0
HRD	PJM.MIAMIFOR18 KVG6_month_off_dac	25	~~336~~16	~~336~~16	~~4032~~192	154	0
HRE	PJM.WOODSDAL13.5 KVCT1_month_on_dap	25	~~122~~23	~~122~~23	~~1464~~276	236	0
HRF	PJM.WOODSDAL13.5 KVCT1_month_off_dap	25	~~122~~23	~~122~~23	~~1464~~276	235	0
HRG	PJM.WOODSDAL13.5 KVCT1_month_on_dac	25	~~122~~23	~~122~~23	~~1464~~276	236	0
HRH	PJM.WOODSDAL13.5 KVCT1_month_off_dac	25	~~122~~23	~~122~~23	~~1464~~276	235	0
HRI	MISO_RTO.AMIL.BALDWI52_month_on_dac	25	~~440~~158	~~440~~158	~~5280~~1896	~~33~~	0
HRJ	MISO_RTO.AMIL.BALDWI52_month_off_dac	25	~~440~~158	~~440~~158	~~5280~~1896	~~32~~	0
HRM	PJM.MUDDYRN13 KVUNIT1_month_on_dac	25	~~200~~33	~~200~~33	~~2400~~396		0
HRN	PJM.MUDDYRN13 KVUNIT1_month_off_dac	25	~~200~~33	~~200~~33	~~2400~~396		0
HRO	PJM.SAFEHARB13 KVUNIT1_month_on_dac	25	~~104~~86	~~104~~86	~~1248~~1032	~~203~~	0
HRP	PJM.SAFEHARB13 KVUNIT1_month_off_dac	25	~~104~~86	~~104~~86	~~1248~~1032	~~202~~	0
HRQ	PJM.SAFEHARB13 KVUNIT8_month_on_dac	25	~~104~~86	~~104~~86	~~1248~~1032	~~203~~	0
HRR	PJM.SAFEHARB13 KVUNIT8_month_off_dac	25	~~104~~86	~~104~~86	~~1248~~1032	~~202~~	0
HSO	PJM.PEACHBOT22 KVUNIT03_month_on_dac	25	~~576~~344	~~576~~344	~~6912~~4128	~~183~~	0
HSP	PJM.PEACHBOT22 KVUNIT03_month_off_dac	25	~~576~~344	~~576~~344	~~6912~~4128	~~182~~	0
HSS	PJM.945 CRET13.5 KVCT-1_month_on_dac	25	~~87~~22	~~87~~22	~~1044~~264		0
HST	PJM.945 CRET13.5 KVCT-1_month_off_dac	25	~~87~~22	~~87~~22	~~1044~~264		0
HTQ	PJM.DPL SOUTH_month_on_dac	25	349	349	4188	~~88~~	0
HTR	PJM.DPL SOUTH_month_off_dac	25	291	291	3492	~~87~~	0
HTS	PJM.HUNTERST22 KVST401_month_on_dac	25	~~240~~90	~~240~~90	~~2880~~1080		0
HTT	PJM.HUNTERST22 KVST401_month_off_dac	25	~~240~~90	~~240~~90	~~2880~~1080		0
HTY	PJM.SHAWVILL18 KVUNIT 1_month_on_dac	25	~~158~~31	~~158~~31	~~1896~~372	~~205~~	0
HTZ	PJM.SHAWVILL18 KVUNIT 1_month_off_dac	25	~~158~~31	~~158~~31	~~1896~~372	~~204~~	0
HUA	PJM.SHAWVILL22 KVUNIT 3_month_on_dac	25	~~158~~47	~~158~~47	~~1896~~564	~~205~~	0
HUB	PJM.SHAWVILL22 KVUNIT 3_month_off_dac	25	~~158~~47	~~158~~47	~~1896~~564	~~204~~	0
HUI	ERCOT.LEG_LEG_G2_month_on_rtp	25	~~422~~239	~~422~~239	~~5064~~2868		0
HUJ	ERCOT.LEG_LEG_G2_month_off_rtp	25	~~422~~239	~~422~~239	~~5064~~2868		0
HUK	ERCOT.LEG_LEG_G2_month_on_dap	25	~~422~~239	~~422~~239	~~5064~~2868	~~130~~	0
HUL	ERCOT.LEG_LEG_G2_month_off_dap	25	~~422~~239	~~422~~239	~~5064~~2868	~~129~~	0
HUM	ERCOT.STP_STP_G1_month_on_rtp	25	~~688~~338	~~688~~338	~~8256~~4056		0
HUN	ERCOT.STP_STP_G1_month_off_rtp	25	~~688~~338	~~688~~338	~~8256~~4056		0

HUO	ERCOT.STP_STP_G1_month_on_dap	25	~~688~~338	~~688~~338	~~8256~~4056		0
HUP	ERCOT.STP_STP_G1_month_off_dap	25	~~688~~338	~~688~~338	~~8256~~4056		0
HUQ	ERCOT.WAP_WAP_G5_month_on_rtp	25	~~913~~183	~~913~~183	~~10956~~2196	~~227~~	0
HUR	ERCOT.WAP_WAP_G5_month_off_rtp	25	~~913~~183	~~913~~183	~~10956~~2196	~~226~~	0
HUS	ERCOT.WAP_WAP_G5_month_on_dap	25	~~913~~183	~~913~~183	~~10956~~2196	~~225~~	0
HUT	ERCOT.WAP_WAP_G5_month_off_dap	25	~~913~~183	~~913~~183	~~10956~~2196	~~224~~	0
HUU	ERCOT.WAP_WAP_G8_month_on_rtp	25	~~913~~163	~~913~~163	~~10956~~1956	~~227~~	0
HUV	ERCOT.WAP_WAP_G8_month_off_rtp	25	~~913~~163	~~913~~163	~~10956~~1956	~~226~~	0
HUW	ERCOT.WAP_WAP_G8_month_on_dap	25	~~913~~163	~~913~~163	~~10956~~1956	~~225~~	0
HUX	ERCOT.WAP_WAP_G8_month_off_dap	25	~~913~~163	~~913~~163	~~10956~~1956	~~224~~	0
HXM	PJM.AEP-DAYTON HUB_month_7x8_rtp	25	~~5441~~6535	~~5441~~6535	~~65292~~78420	27	0
HXN	PJM.AEP-DAYTON HUB_month_2x16_rtp	25	~~6535~~7031	~~6535~~7031	~~78420~~84372	~~274~~48	0
HXO	PJM.AEP-DAYTON HUB_month_7x8_dap	25	~~5441~~6535	~~5441~~6535	~~65292~~78420	25	0
HXP	PJM.AEP-DAYTON HUB_month_2x16_dap	25	~~6535~~7031	~~6535~~7031	~~78420~~84372	~~25~~26	0
IBW	PJM.21 KINCA20 KVKN-1_month_on_dac	25	~~330~~164	~~330~~164	~~3960~~1968		0
IBX	PJM.21 KINCA20 KVKN-1_month_off_dac	25	~~330~~164	~~330~~164	~~3960~~1968		0
ICA	PJM.3 POWERT24 KVPO-5_month_on_dac	25	~~446~~223	~~446~~223	~~5352~~2676		0
ICB	PJM.3 POWERT24 KVPO-5_month_off_dac	25	~~446~~223	~~446~~223	~~5352~~2676		0
ICC	ISONE..H.INTERNAL_HUB_month_7x8_dap	25	~~4811~~5902	~~4811~~5902	~~57732~~70824	1	0
ICD	ISONE..H.INTERNAL_HUB_month_2x16_dap	25	~~5695~~7143	~~5695~~7143	~~68340~~85716	~~1~~2	0
LFE	PJM.AECO_RESID_AGG_month_on_dac	25	329	329	3948	~~224~~60	0
LFF	PJM.AECO_RESID_AGG_month_on_dap	25	329	329	3948	~~224~~60	0
LFG	PJM.AECO_RESID_AGG_month_off_dac	25	273	273	3276	~~214~~59	0
LFH	PJM.AECO_RESID_AGG_month_off_dap	25	273	273	3276	~~214~~59	0
LFI	PJM.AEPAPCO_RESID_AGG_month_on_dac	25	1325	1325	15900	~~244~~65	0
LFJ	PJM.AEPAPCO_RESID_AGG_month_on_dap	25	1325	1325	15900	~~244~~65	0
LFK	PJM.AEPAPCO_RESID_AGG_month_off_dac	25	1120	1120	13440	~~234~~61	0
LFL	PJM.AEPAPCO_RESID_AGG_month_off_dap	25	1120	1120	13440	~~234~~61	0
LFM	PJM.AEPIM_RESID_AGG_month_on_dac	25	713	713	8556	~~244~~66	0
LFN	PJM.AEPIM_RESID_AGG_month_on_dap	25	713	713	8556	~~244~~66	0
LFO	PJM.AEPIM_RESID_AGG_month_off_dac	25	603	603	7236	~~234~~62	0
LFP	PJM.AEPIM_RESID_AGG_month_off_dap	25	603	603	7236	~~234~~62	0
LFQ	PJM.AEPKY_RESID_AGG_month_on_dac	25	233	233	2796	~~244~~67	0
LFR	PJM.AEPKY_RESID_AGG_month_on_dap	25	233	233	2796	~~244~~67	0
LFS	PJM.AEPKY_RESID_AGG_month_off_dac	25	197	197	2364	~~234~~63	0
LFT	PJM.AEPKY_RESID_AGG_month_off_dap	25	197	197	2364	~~234~~63	0
LFU	PJM.AEPOHIO_RESID_AGG_month_on_dac	25	1882	1882	22584	~~244~~68	0

LFV	PJM.AEPOHIO_RESID_AGG_month_on_dap	25	1882	1882	22584	~~24~~468	0
LFW	PJM.AEPOHIO_RESID_AGG_month_off_dac	25	1591	1591	19092	~~23~~464	0
LFX	PJM.AEPOHIO_RESID_AGG_month_off_dap	25	1591	1591	19092	~~23~~464	0
LFY	PJM.APS_RESID_AGG_month_on_dac	25	1478	1478	17736	~~39~~470	0
LFZ	PJM.APS_RESID_AGG_month_on_dap	25	1478	1478	17736	~~39~~470	0
LGA	PJM.APS_RESID_AGG_month_off_dac	25	1238	1238	14856	~~38~~469	0
LGB	PJM.APS_RESID_AGG_month_off_dap	25	1238	1238	14856	~~38~~469	0
LGC	PJM.BGE_RESID_AGG_month_on_dac	25	1061	1061	12732	~~47~~480	0
LGD	PJM.BGE_RESID_AGG_month_on_dap	25	1061	1061	12732	~~47~~480	0
LGE	PJM.BGE_RESID_AGG_month_off_dac	25	883	883	10596	~~46~~479	0
LGF	PJM.BGE_RESID_AGG_month_off_dap	25	883	883	10596	~~46~~479	0
LGG	PJM.COMED_RESID_AGG_month_on_dac	25	3319	3319	39828	~~59~~482	0
LGH	PJM.COMED_RESID_AGG_month_on_dap	25	3319	3319	39828	~~59~~482	0
LGI	PJM.COMED_RESID_AGG_month_off_dac	25	2664	2664	31968	~~58~~481	0
LGJ	PJM.COMED_RESID_AGG_month_off_dap	25	2664	2664	31968	~~58~~481	0
LGK	PJM.DAY_RESID_AGG_month_on_dac	25	733	733	8796	~~65~~484	0
LGL	PJM.DAY_RESID_AGG_month_on_dap	25	733	733	8796	~~65~~484	0
LGM	PJM.DAY_RESID_AGG_month_off_dac	25	585	585	7020	~~64~~483	0
LGN	PJM.DAY_RESID_AGG_month_off_dap	25	585	585	7020	~~64~~483	0
LGO	PJM.DEOK_RESID_AGG_month_on_dac	25	721	721	8652	~~76~~486	0
LGP	PJM.DEOK_RESID_AGG_month_on_dap	25	721	721	8652	~~76~~486	0
LGQ	PJM.DEOK_RESID_AGG_month_off_dac	25	594	594	7128	~~75~~485	0
LGR	PJM.DEOK_RESID_AGG_month_off_dap	25	594	594	7128	~~75~~485	0
LGS	PJM.DOM_RESID_AGG_month_on_dac	25	2997	2997	35964	~~84~~488	0
LGT	PJM.DOM_RESID_AGG_month_on_dap	25	2997	2997	35964	~~84~~488	0
LGU	PJM.DOM_RESID_AGG_month_off_dac	25	2498	2498	29976	~~83~~487	0
LGV	PJM.DOM_RESID_AGG_month_off_dap	25	2498	2498	29976	~~83~~487	0
LGW	PJM.DPL_RESID_AGG_month_on_dac	25	402	402	4824	~~88~~491	0
LGX	PJM.DPL_RESID_AGG_month_on_dap	25	402	402	4824	~~88~~491	0
LGY	PJM.DPL_RESID_AGG_month_off_dac	25	335	335	4020	~~87~~489	0
LGZ	PJM.DPL_RESID_AGG_month_off_dap	25	335	335	4020	~~87~~489	0
LHA	PJM.DUQ_RESID_AGG_month_on_dac	25	473	473	5676	~~92~~494	0
LHB	PJM.DUQ_RESID_AGG_month_on_dap	25	473	473	5676	~~92~~494	0
LHC	PJM.DUQ_RESID_AGG_month_off_dac	25	388	388	4656	~~91~~493	0
LHD	PJM.DUQ_RESID_AGG_month_off_dap	25	388	388	4656	~~91~~493	0
LHM	PJM.JCPL_RESID_AGG_month_on_dac	25	764	764	9168	~~126~~496	0
LHN	PJM.JCPL_RESID_AGG_month_on_dap	25	764	764	9168	~~126~~496	0

LHO	PJM.JCPL_RESID_AGG_month_off_dac	25	596	596	7152	~~125~~495	0
LHP	PJM.JCPL_RESID_AGG_month_off_dap	25	596	596	7152	~~125~~495	0
LHQ	PJM.METED_RESID_AGG_month_on_dac	25	525	525	6300	~~151~~498	0
LHR	PJM.METED_RESID_AGG_month_on_dap	25	525	525	6300	~~151~~498	0
LHS	PJM.METED_RESID_AGG_month_off_dac	25	421	421	5052	~~150~~497	0
LHT	PJM.METED_RESID_AGG_month_off_dap	25	421	421	5052	~~150~~497	0
LHU	PJM.PECO_RESID_AGG_month_on_dac	25	1425	1425	17100	~~185~~500	0
LHV	PJM.PECO_RESID_AGG_month_on_dap	25	1425	1425	17100	~~185~~500	0
LHW	PJM.PECO_RESID_AGG_month_off_dac	25	1165	1165	13980	~~184~~499	0
LHX	PJM.PECO_RESID_AGG_month_off_dap	25	1165	1165	13980	~~184~~499	0
LHY	PJM.PENELEC_RESID_AGG_month_on_dac	25	1055	1055	12660	~~187~~502	0
LHZ	PJM.PENELEC_RESID_AGG_month_on_dap	25	1055	1055	12660	~~187~~502	0
LIA	PJM.PENELEC_RESID_AGG_month_off_dac	25	861	861	10332	~~186~~501	0
LIB	PJM.PENELEC_RESID_AGG_month_off_dap	25	861	861	10332	~~186~~501	0
LIC	PJM.PPL_RESID_AGG_month_on_dac	25	1350	1350	16200	~~193~~508	0
LID	PJM.PPL_RESID_AGG_month_on_dap	25	1350	1350	16200	~~193~~508	0
LIE	PJM.PPL_RESID_AGG_month_off_dac	25	1093	1093	13116	~~192~~507	0
LIF	PJM.PPL_RESID_AGG_month_off_dap	25	1093	1093	13116	~~192~~507	0
LIG	PJM.PSEG_RESID_AGG_month_on_dac	25	1462	1462	17544	~~195~~510	0
LIH	PJM.PSEG_RESID_AGG_month_on_dap	25	1462	1462	17544	~~195~~510	0
LII	PJM.PSEG_RESID_AGG_month_off_dac	25	1162	1162	13944	~~194~~509	0
LIJ	PJM.PSEG_RESID_AGG_month_off_dap	25	1162	1162	13944	~~194~~509	0
LIK	PJM.RECO_RESID_AGG_month_on_dac	25	64	64	768	~~199~~512	0
LIL	PJM.RECO_RESID_AGG_month_on_dap	25	64	64	768	~~199~~512	0
LIM	PJM.RECO_RESID_AGG_month_off_dac	25	47	47	564	~~198~~511	0
LIN	PJM.RECO_RESID_AGG_month_off_dap	25	47	47	564	~~198~~511	0
LIO	PJM.FEOHIO_RESID_AGG_month_off_dac	25	1457	1457	17484	~~42~~472	0
LIP	PJM.FEOHIO_RESID_AGG_month_on_dac	25	1811	1811	21732	~~43~~476	0
LIQ	PJM.PENNPOWER_RESID_AGG_month_off_dac	25	135	135	1620	~~42~~474	0
LIR	PJM.PENNPOWER_RESID_AGG_month_on_dac	25	168	168	2016	~~43~~478	0
LIS	PJM.FEOHIO_RESID_AGG_month_off_dap	25	1457	1457	17484	~~42~~472	0
LIT	PJM.FEOHIO_RESID_AGG_month_on_dap	25	1811	1811	21732	~~43~~476	0
LIU	PJM.PENNPOWER_RESID_AGG_month_off_dap	25	135	135	1620	~~42~~474	0
LIV	PJM.PENNPOWER_RESID_AGG_month_on_dap	25	168	168	2016	~~43~~478	0
LIW	PJM.LAKEWOOD18 KVOCEAN C1_month_on_dap	25	~~60~~19	~~60~~19	~~720~~228	~~29~~1	0
LIX	PJM.LAKEWOOD18 KVOCEAN C1_month_off_dap	25	~~60~~19	~~60~~19	~~720~~228	~~29~~2	0
LIY	PJM.LAKEWOOD18 KVOCEAN C2_month_on_dap	25	~~60~~19	~~60~~19	~~720~~228	~~29~~1	0

LIZ	PJM.LAKEWOOD18 KVOCEAN C2_month_off_dap	25	~~60~~19	~~60~~19	~~720~~228	~~292~~	0
LJA	PJM.LAKEWOOD230 KVNUG LK_month_on_dap	25	~~57~~20	~~57~~20	~~684~~240		0
LJB	PJM.LAKEWOOD230 KVNUG LK_month_off_dap	25	~~57~~20	~~57~~20	~~684~~240		0
LJC	PJM.ROCKSPRI18 KVCT3_month_on_dap	25	~~193~~49	~~193~~49	~~5882~~316	~~293~~	0
LJD	PJM.ROCKSPRI18 KVCT3_month_off_dap	25	~~193~~49	~~193~~49	~~5882~~316	~~294~~	0
LJE	PJM.ROCKSPRI18 KVCT4_month_on_dap	25	~~193~~49	~~193~~49	~~5882~~316	~~293~~	0
LJF	PJM.ROCKSPRI18 KVCT4_month_off_dap	25	~~193~~49	~~193~~49	~~5882~~316	~~294~~	0
LJG	ISONE.UN.NEW_ENER18.0NEWE_month_on_dap	25	~~152~~151	~~152~~151	~~1824~~1812		0
LJH	ISONE.UN.NEW_ENER18.0NEWE_month_off_dap	25	~~152~~151	~~152~~151	~~1824~~1812		0
LJM	ISONE.UN.RUMFD_IP18.0RUMF_month_on_dap	25	~~69~~68	~~69~~68	~~828~~816		0
LJN	ISONE.UN.RUMFD_IP18.0RUMF_month_off_dap	25	~~69~~68	~~69~~68	~~828~~816		0
LJO	ISONE.UN.TIVERTON18.0TIVR_month_on_dap	25	~~68~~72	~~68~~72	~~816~~864		0
LJP	ISONE.UN.TIVERTON18.0TIVR_month_off_dap	25	~~68~~72	~~68~~72	~~816~~864		0
LKM	SPP.OKGE.BALKO.WIND.1_month_on_dap	25	~~75~~74	~~75~~74	~~900~~888		0
LKN	SPP.OKGE.BALKO.WIND.1_month_off_dap	25	~~75~~74	~~75~~74	~~900~~888		0
LKO	SPP.OKGEKEENANWIND_month_on_dap	25	~~38~~37	~~38~~37	~~456~~444		0
LKP	SPP.OKGEKEENANWIND_month_off_dap	25	~~38~~37	~~38~~37	~~456~~444		0
LKW	SPP.SPPNORTH_HUB_month_on_dap	25	~~1468~~2040	~~1468~~1868	~~17616~~24480		0
LKX	SPP.SPPNORTH_HUB_month_on_rtp	25	~~1468~~2040	~~1468~~1868	~~17616~~24480		0
LKY	SPP.SPPNORTH_HUB_month_off_dap	25	~~1213~~2040	~~1213~~2040	~~14556~~24480		0
LKZ	SPP.SPPNORTH_HUB_month_off_rtp	25	~~1213~~2040	~~1213~~2040	~~14556~~24480		0
LLA	SPP.SPPSOUTH_HUB_month_on_dap	25	~~4115~~15740	~~4115~~15740	~~49380~~188880	~~427~~	0
LLB	SPP.SPPSOUTH_HUB_month_on_rtp	25	~~4115~~15740	~~4115~~15740	~~49380~~188880		0
LLC	SPP.SPPSOUTH_HUB_month_off_dap	25	~~3401~~15740	~~3401~~15740	~~40812~~188880	428	0
LLD	SPP.SPPSOUTH_HUB_month_off_rtp	25	~~3401~~15740	~~3401~~15740	~~40812~~188880		0
LLQ	NYISO.BARRETT___2_month_on_dac	25	~~167~~47	~~167~~47	~~2004~~564	~~297~~	0
LLR	NYISO.BARRETT___2_month_off_dac	25	~~167~~47	~~167~~47	~~2004~~564	~~298~~	0
LLS	NYISO.FPL FAR_ROCK_GT1_month_on_dac	25	~~30~~15	~~30~~15	~~360~~180		0
LLT	NYISO.FPL FAR_ROCK_GT1_month_off_dac	25	~~30~~15	~~30~~15	~~360~~180		0
LLU	NYISO.GOWANUS_GT1_1_month_on_dac	25	~~160~~183	~~160~~183	~~1920~~2196		0
LLV	NYISO.GOWANUS_GT1_1_month_off_dac	25	~~160~~183	~~160~~183	~~1920~~2196		0
LMA	NYISO.NINE_MILE_2_month_on_dac	25	~~475~~349	~~475~~349	~~5700~~4188	~~301~~	0
LMB	NYISO.NINE_MILE_2_month_off_dac	25	~~475~~349	~~475~~349	~~5700~~4188	~~302~~	0
LMC	NYISO.NYPA_GOWANUS_____GT6_month_on_dac	25	~~25~~11	~~25~~11	~~300~~132	~~305~~	0
LMD	NYISO.NYPA_GOWANUS_____GT6_month_off_dac	25	~~25~~11	~~25~~11	~~300~~132	~~306~~	0
LME	NYISO.NYPA_KENT_____GT_month_on_dac	25	~~13~~11	~~13~~11	~~156~~132		0
LMF	NYISO.NYPA_KENT_____GT_month_off_dac	25	~~13~~11	~~13~~11	~~156~~132		0

LMG	NYISO.NYPA___ASTORIA_CC2_month_on_dac	25	~~144~~72	~~144~~72	~~864~~1728	~~303~~	0
LMH	NYISO.NYPA___ASTORIA_CC2_month_off_dac	25	~~144~~72	~~144~~72	~~864~~1728	~~304~~	0
LMQ	NWPP.MID-COLUMBIA_month_on_dap	25	2381	2381	28572	~~429~~	0
LMR	NWPP.MID-COLUMBIA_month_off_dap	25	2109	2109	25308	~~430~~	0
LMU	PJM.942 NELS18 KVGT1_month_on_dap	25	~~157~~45	~~157~~45	~~1884~~540		0
LMV	PJM.942 NELS18 KVGT1_month_off_dap	25	~~157~~45	~~157~~45	~~1884~~540		0
LMW	MISO.GRE.ELMCRK_month_on_dap	25	~~63~~25	~~63~~25	~~756~~300	~~307~~	0
LMX	MISO.GRE.ELMCRK_month_off_dap	25	~~63~~25	~~63~~25	~~756~~300	~~308~~	0
LMY	MISO.GRE.ELMCR2_IBR_month_on_dap	25	~~63~~37	~~63~~37	~~756~~444	~~307~~	0
LMZ	MISO.GRE.ELMCR2_IBR_month_off_dap	25	~~63~~37	~~63~~37	~~756~~444	~~308~~	0
LNA	PJM.PPL_month_7x8_dap	25	~~1293~~1859	~~1293~~1859	~~15516~~22308	192	0
LNB	PJM.PPL_month_7x8_rtp	25	~~1293~~1859	~~1293~~1859	~~15516~~22308	309	0
LNC	PJM.PPL_month_2x16_dap	25	~~1382~~2193	~~1382~~2193	~~16584~~26316	~~192~~193	0
LND	PJM.PPL_month_2x16_rtp	25	~~1382~~2193	~~1382~~2193	~~16584~~26316	~~309~~451	0
LNE	PJM.JCPL_month_7x8_dap	25	~~540~~596	~~540~~596	~~6480~~7152	125	0
LNF	PJM.JCPL_month_2x16_dap	25	~~668~~763	~~668~~763	~~80169~~156	~~125~~126	0
LNI	PJM.JCPL_month_7x8_rtp	25	~~540~~596	~~540~~596	~~6480~~7152	310	0
LNJ	PJM.JCPL_month_2x16_rtp	25	~~668~~763	~~668~~763	~~80169~~156	~~310~~450	0
LNM	PJM.4 QUAD C18 KVQC-2_month_on_dac	25	~~505~~252	~~505~~252	~~60603~~024	~~313~~	0
LNN	PJM.4 QUAD C18 KVQC-2_month_off_dac	25	~~505~~252	~~505~~252	~~60603~~024	~~314~~	0
LNQ	PJM.N ILLINOIS HUB_month_2x16_dap	25	~~4751~~5952	~~4751~~5952	~~57012~~71424	~~166~~167	0
LNR	PJM.N ILLINOIS HUB_month_2x16_rtp	25	~~4751~~5952	~~4751~~5952	~~57012~~71424	~~317~~449	0
LNS	PJM.N ILLINOIS HUB_month_7x8_dap	25	~~4205~~5196	~~4205~~5196	~~50460~~62352	166	0
LNT	PJM.N ILLINOIS HUB_month_7x8_rtp	25	~~4205~~5196	~~4205~~5196	~~50460~~62352	317	0
LNU	NYISO.HUD VL_month_2x16_dap	25	~~3403~~3398	~~3403~~3398	~~40836~~40776	~~113~~114	0
LNV	NYISO.HUD VL_month_7x8_dap	25	~~2703~~3368	~~2703~~3368	~~32436~~40416	113	0
LNY	PJM.ADKINS13.8 KVGT1_month_on_dap	25	~~141~~23	~~141~~23	~~1692~~276		0
LNZ	PJM.ADKINS13.8 KVGT1_month_off_dap	25	~~141~~23	~~141~~23	~~1692~~276		0
LOC	PJM.IRONWOOD16 KVST_month_on_dap	25	~~195~~64	~~195~~64	~~768~~2340	357	0
LOD	PJM.IRONWOOD16 KVST_month_off_dap	25	~~195~~64	~~195~~64	768~~2340~~	373	0
LOE	PJM.LACKAENG24 KVCTG1_month_on_dap	25	~~416~~124	~~416~~124	~~14884~~992	327	0
LOF	PJM.LACKAENG24 KVCTG1_month_off_dap	25	~~416~~124	~~416~~124	~~4992~~1488	328	0
LOG	PJM.LAWRENC218 KVG1_month_on_dap	25	~~308~~154	~~308~~154	~~3696~~1848		0
LOH	PJM.LAWRENC218 KVG1_month_off_dap	25	~~308~~154	~~308~~154	~~3696~~1848		0
LOI	PJM.PSEGGLOB18 KV6_month_on_dap	25	~~231~~186	~~231~~186	~~2772~~2232	318	0
LOJ	PJM.PSEGGLOB18 KV6_month_off_dap	25	~~231~~186	~~231~~186	~~2772~~2232	319	0
LOM	NYISO.WEST_month_7x8_dap	25	~~1004~~1819	~~1004~~1819	~~12048~~21828	230	0

LON	NYISO.WEST_month_2x16_dap	25	~~1129~~3810	~~1129~~3810	~~13548~~45720	~~230~~231	0
LOS	ERCOT.SSPURT_WIND1_month_on_dap	25	40	40	480	~~4~~31	0
LOV	ERCOT.SSPURT_WIND1_month_2x16_dap	25	40	40	480	~~322~~431	0
LOW	ERCOT.SSPURT_WIND1_month_on_rtp	25	40	40	480	~~4~~56	0
LOZ	ERCOT.SSPURT_WIND1_month_2x16_rtp	25	40	40	480	~~323~~456	0
LPM	PJM.SUSQUEHA24 KVUNIT01_month_on_dap	25	~~649~~316	~~649~~316	~~7788~~3792	213	0
LPN	PJM.SUSQUEHA24 KVUNIT01_month_off_dap	25	~~649~~316	~~649~~316	~~7788~~3792	212	0
LPO	PJM.SUSQUEHA24 KVUNIT02_month_on_dap	25	~~649~~316	~~649~~316	~~7788~~3792	~~213~~447	0
LPP	PJM.SUSQUEHA24 KVUNIT02_month_off_dap	25	~~649~~316	~~649~~316	~~7788~~3792	~~212~~446	0
LPQ	PJM.LACKAENG24 KVCTG1_month_on_dac	25	~~416~~124	~~416~~124	~~4992~~1488	327	0
LPR	PJM.LACKAENG24 KVCTG1_month_off_dac	25	~~416~~124	~~416~~124	~~4992~~1488	328	0
LPS	ERCOT.HB_PAN_month_2x16_dap	25	~~1427~~1525	~~1427~~1525	~~17124~~18300	~~330~~432	0
LPT	ERCOT.HB_PAN_month_7x8_dap	25	~~1211~~1292	~~1211~~1292	~~14532~~15504	330	0
LPV	ERCOT.HB_PAN_month_on_dap	25	1525	1525	18300	432	0
LPW	ERCOT.HB_PAN_month_2x16_rtp	25	~~1427~~1525	~~1427~~1525	~~17124~~18300	~~331~~457	0
LPX	ERCOT.HB_PAN_month_7x8_rtp	25	~~1211~~1292	~~1211~~1292	~~14532~~15504	331	0
LPZ	ERCOT.HB_PAN_month_on_rtp	25	1525	1525	18300	457	0
LQI	ERCOT.WAKEWE_ALL_month_on_dap	25	64	64	768	~~4~~33	0
LQL	ERCOT.WAKEWE_ALL_month_2x16_dap	25	64	64	768	~~334~~433	0
LQM	ERCOT.WAKEWE_ALL_month_on_rtp	25	64	64	768	~~4~~58	0
LQP	ERCOT.WAKEWE_ALL_month_2x16_rtp	25	64	64	768	~~335~~458	0
LQX	PJM.EAST BEND 2_month_on_dac	25	193	193	2316	~~378~~	0
LQY	PJM.EAST BEND 2_month_off_dac	25	193	193	2316	~~379~~	0
LRA	MISO.INDIANA.HUB_month_2x16_dap	25	~~1680~~2083	~~1680~~2083	~~20160~~24996	~~121~~122	0
LRB	MISO.INDIANA.HUB_month_7x8_dap	25	~~1833~~1439	~~1833~~1439	~~21996~~17268	121	0
LRC	PJM.SBEND18 KVCT1_month_on_dap	25	~~172~~195	~~172~~195	~~2340~~2064	336	0
LRD	PJM.SBEND18 KVCT1_month_off_dap	25	~~172~~195	~~172~~195	~~2340~~2064	337	0
LRE	PJM.SBEND18 KVCT1_month_on_dac	25	~~172~~195	~~172~~195	~~2064~~2340	336	0
LRF	PJM.SBEND18 KVCT1_month_off_dac	25	~~172~~195	~~172~~195	~~2064~~2340	337	0
LRG	PJM.LEMOYNE218 KVUN1_month_on_dap	25	~~199~~49	~~199~~49	~~588~~2388	338	0
LRH	PJM.LEMOYNE218 KVUN1_month_off_dap	25	~~199~~49	~~199~~49	~~588~~2388	339	0
LRI	PJM.LEMOYNE218 KVUN1_month_on_dac	25	~~199~~49	~~199~~49	~~2388~~588	338	0
LRJ	PJM.LEMOYNE218 KVUN1_month_off_dac	25	~~199~~49	~~199~~49	~~2388~~588	339	0
LRK	PJM.IRONWOOD16 KVCT-1_month_on_dap	25	~~194~~64	~~194~~64	~~2328~~768	340	0
LRL	PJM.IRONWOOD16 KVCT-1_month_off_dap	25	~~194~~64	~~194~~64	~~2328~~768	341	0
LRM	PJM.BATH COUNTY GEN_month_on_dap	25	715	715	~~8580~~8592	342	0
LRN	PJM.BATH COUNTY GEN_month_off_dap	25	715	715	~~8580~~8592	343	0

LRQ	PJM.BATH COUNTY GEN_month_on_dac	25	715	715	~~8592~~8580	342	0
LRR	PJM.BATH COUNTY GEN_month_off_dac	25	715	715	~~8592~~8580	343	0
LRS	PJM.ASYLUM23 KVLIBRTY10_month_on_dap	25	~~217~~46	~~217~~46	~~2604~~552	344	0
LRT	PJM.ASYLUM23 KVLIBRTY10_month_off_dap	25	~~217~~46	~~217~~46	~~2604~~552	345	0
LRU	PJM.ASYLUM23 KVLIBRTY20_month_on_dap	25	~~217~~46	~~217~~46	~~2616~~552	~~344~~	0
LRV	PJM.ASYLUM23 KVLIBRTY20_month_off_dap	25	~~217~~46	~~217~~46	~~2616~~552	~~345~~	0
LRW	PJM.946 UNIV13.5 KVUP31-1_month_on_dap	25	~~88~~14	~~88~~14	~~1056~~168	346	0
LRX	PJM.946 UNIV13.5 KVUP31-1_month_off_dap	25	~~88~~14	~~88~~14	~~1056~~168	362	0
LRY	PJM.946 UNIV13.5 KVUP31-1_month_on_dac	25	~~88~~14	~~88~~14	~~1056~~168	346	0
LRZ	PJM.946 UNIV13.5 KVUP31-1_month_off_dac	25	~~88~~14	~~88~~14	~~1056~~168	362	0
LTA	PJM.951 AURO13.5 KVAR5_month_on_dap	25	~~318~~15	~~318~~15	~~3816~~180	347	0
LTB	PJM.951 AURO13.5 KVAR5_month_off_dap	25	~~318~~15	~~318~~15	~~3816~~180	363	0
LTC	PJM.951 AURO13.5 KVAR5_month_on_dac	25	~~318~~15	~~318~~15	~~3816~~180	347	0
LTD	PJM.951 AURO13.5 KVAR5_month_off_dac	25	~~318~~15	~~318~~15	~~3816~~180	363	0
LTI	PJM.970 UP N13.5 KVUN-1_month_on_dap	25	~~181~~14	~~181~~14	~~2172~~168	349	0
LTJ	PJM.970 UP N13.5 KVUN-1_month_off_dap	25	~~181~~14	~~181~~14	~~2172~~168	365	0
LTK	PJM.970 UP N13.5 KVUN-1_month_on_dac	25	~~181~~14	~~181~~14	~~2172~~168	349	0
LTL	PJM.970 UP N13.5 KVUN-1_month_off_dac	25	~~181~~14	~~181~~14	~~2172~~168	365	0
LTM	PJM.BATHCO20 KVGM1_month_on_dap	25	~~715~~119	~~715~~119	~~1428~~8580	350	0
LTN	PJM.BATHCO20 KVGM1_month_off_dap	25	~~715~~119	~~715~~119	1428~~8580~~	366	0
LTO	PJM.CROWNPNT21 KVSTG1_month_on_dap	25	~~188~~76	~~188~~76	~~912~~2256	351	0
LTP	PJM.CROWNPNT21 KVSTG1_month_off_dap	25	~~188~~76	~~188~~76	~~2256~~912	367	0
LTQ	PJM.CROWNPNT21 KVSTG1_month_on_dac	25	~~188~~76	~~188~~76	~~2256~~912	351	0
LTR	PJM.CROWNPNT21 KVSTG1_month_off_dac	25	~~188~~76	~~188~~76	~~2256~~912	367	0
LTS	PJM.FOOTHILL18 KVUNIT 4_month_on_dap	25	~~287~~57	~~287~~57	~~3444~~684	352	0
LTT	PJM.FOOTHILL18 KVUNIT 4_month_off_dap	25	~~287~~57	~~287~~57	~~3444~~684	368	0
LTU	PJM.FOOTHILL18 KVUNIT 4_month_on_dac	25	~~287~~57	~~287~~57	~~3444~~684	352	0
LTV	PJM.FOOTHILL18 KVUNIT 4_month_off_dac	25	~~287~~57	~~287~~57	~~3444~~684	368	0
LTW	PJM.FOURRIVR13.8 KVST501_month_on_dap	25	~~328~~33	~~328~~33	~~3936~~396	353	0
LTX	PJM.FOURRIVR13.8 KVST501_month_off_dap	25	~~328~~33	~~328~~33	~~3936~~396	369	0
LTY	PJM.FOURRIVR13.8 KVST501_month_on_dac	25	~~328~~33	~~328~~33	~~3936~~396	353	0
LTZ	PJM.FOURRIVR13.8 KVST501_month_off_dac	25	~~328~~33	~~328~~33	~~3936~~396	369	0
LUA	PJM.FOURRIVR18 KVNUG1_month_on_dap	25	~~328~~30	~~328~~30	~~3936~~360	354	0
LUB	PJM.FOURRIVR18 KVNUG1_month_off_dap	25	~~328~~30	~~328~~30	~~3936~~360	370	0
LUC	PJM.FOURRIVR18 KVNUG1_month_on_dac	25	~~328~~30	~~328~~30	~~3936~~360	354	0
LUD	PJM.FOURRIVR18 KVNUG1_month_off_dac	25	~~328~~30	~~328~~30	~~3936~~360	370	0
LUE	PJM.GANS138 KVGEN 8_month_on_dap	25	~~21~~10	~~21~~10	~~252~~120	355	0

LUF	PJM.GANS138 KVGEN 8_month_off_dap	25	~~21~~10	~~21~~10	~~252~~120	371	0
LUG	PJM.GANS138 KVGEN 8_month_on_dac	25	~~21~~10	~~21~~10	~~252~~120	355	0
LUH	PJM.GANS138 KVGEN 8_month_off_dac	25	~~21~~10	~~21~~10	~~252~~120	371	0
LUI	PJM.HUMMEL22 KVSTG_month_on_dap	25	~~298~~115	~~298~~115	~~3576~~1380	356	0
LUJ	PJM.HUMMEL22 KVSTG_month_off_dap	25	~~298~~115	~~298~~115	~~3576~~1380	372	0
LUK	PJM.HUMMEL22 KVSTG_month_on_dac	25	~~298~~115	~~298~~115	~~3576~~1380	356	0
LUL	PJM.HUMMEL22 KVSTG_month_off_dac	25	~~298~~115	~~298~~115	~~3576~~1380	372	0
LUM	PJM.IRONWOOD16 KVST_month_on_dac	25	~~194~~64	~~194~~64	~~2328~~768	357	0
LUN	PJM.IRONWOOD16 KVST_month_off_dac	25	~~194~~64	~~194~~64	~~2328~~768	373	0
LUO	PJM.SENECA13 KV1GEN_month_on_dap	25	~~117~~109	~~117~~109	~~1308~~1404	358	0
LUP	PJM.SENECA13 KV1GEN_month_off_dap	25	~~117~~109	~~117~~109	~~1308~~1404	374	0
LUQ	PJM.SENECA13 KV1GEN_month_on_dac	25	~~117~~109	~~117~~109	~~1404~~1308	358	0
LUR	PJM.SENECA13 KV1GEN_month_off_dac	25	~~117~~109	~~117~~109	~~1404~~1308	374	0
LUS	NYISO.RAVENSWOOD___1_month_on_dap	25	~~656~~100	~~656~~100	~~7872~~1200	197	0
LUT	NYISO.RAVENSWOOD___1_month_off_dap	25	~~656~~100	~~656~~100	~~7872~~1200	196	0
LUU	NYISO.RAVENSWOOD___2_month_on_dap	25	~~656~~100	~~656~~100	~~7872~~1200	~~197~~443	0
LUV	NYISO.RAVENSWOOD___2_month_off_dap	25	~~656~~100	~~656~~100	~~7872~~1200	~~196~~440	0
LUW	NYISO.RAVENSWOOD___3_month_on_dap	25	~~656~~256	~~656~~256	~~7872~~3072	~~197~~444	0
LUX	NYISO.RAVENSWOOD___3_month_off_dap	25	~~656~~256	~~656~~256	~~7872~~3072	~~196~~441	0
LUY	NYISO.RAVENSWOOD___4_month_on_dap	25	~~656~~62	~~656~~62	~~7872~~744	~~197~~445	0
LUZ	NYISO.RAVENSWOOD___4_month_off_dap	25	~~656~~62	~~656~~62	~~7872~~744	~~196~~442	0
LVO	PJM.PATRIOT123 KVPAT10_month_off_dap	25	~~217~~138	~~217~~138	~~2604~~1656		0
LVP	PJM.PATRIOT123 KVPAT10_month_on_dap	25	~~217~~138	~~217~~138	~~2604~~1656		0
LWA	PJM.CALVERTC22 KVGEN 02_month_off_dap	25	~~462~~233	~~462~~233	~~5544~~2796	48	0
LWB	PJM.CALVERTC22 KVGEN 02_month_on_dap	25	~~462~~233	~~462~~233	~~5544~~2796	49	0
LWC	PJM.CALVERTC25 KVGEN 01_month_off_dap	25	~~462~~229	~~462~~229	~~5544~~2748	~~48~~438	0
LWD	PJM.CALVERTC25 KVGEN 01_month_on_dap	25	~~462~~229	~~462~~229	~~5544~~2748	~~49~~439	0
LWE	NYISO.N.Y.C._month_2x16_dap	25	1905	1905	22860	~~168~~169	0
SAB	PJM.AECO_month_2x16_dac	25	~~476~~351	~~476~~351	~~5712~~4212	~~21~~22	0
SAC	PJM.AEP_month_2x16_dac	25	~~9000~~4312	~~9000~~4312	~~108000~~51744	~~23~~24	0
SAD	PJM.AEP-DAYTON HUB_month_2x16_dac	25	7031	7031	84372	~~25~~26	0
SAE	PJM.APS_month_2x16_dac	25	~~1528~~1504	~~1528~~1504	~~18336~~18048	~~38~~39	0
SAF	PJM.ATSI_month_2x16_dac	25	2180	2180	26160	~~42~~43	0
SAG	PJM.BGE_month_2x16_dac	25	~~1143~~1061	~~1143~~1061	~~13716~~12732	~~46~~47	0
SAH	PJM.COMED_month_2x16_dac	25	~~4146~~3439	~~4146~~3439	~~49752~~41268	~~58~~59	0
SAI	PJM.DAY_month_2x16_dac	25	~~1100~~733	~~1100~~733	~~13200~~8796	~~64~~65	0
SAJ	PJM.DEOK_month_2x16_dac	25	~~840~~846	~~840~~846	~~10080~~10152	~~75~~76	0

SAK	PJM.DOM_month_2x16_dac	25	6300~~2997~~	6300~~2997~~	75600~~35964~~	83~~84~~	0
SAL	PJM.DOMINION HUB_month_2x16_dac	25	13200~~13278~~	13200~~13278~~	158400~~159336~~	85~~86~~	0
SAM	PJM.DPL_month_2x16_dac	25	643~~601~~	643~~601~~	7716~~7212~~	87~~88~~	0
SAN	PJM.DUQ_month_2x16_dac	25	501~~473~~	501~~473~~	5676~~6012~~	91~~92~~	0
SAO	PJM.EASTERN HUB_month_2x16_dac	25	10275	10275	123300	93~~94~~	0
SAP	PJM.JCPL_month_2x16_dac	25	833~~763~~	833~~763~~	9996~~9156~~	125~~126~~	0
SAQ	PJM.METED_month_2x16_dac	25	688~~527~~	688~~527~~	8256~~6324~~	150~~151~~	0
SAR	PJM.N ILLINOIS HUB_month_2x16_dac	25	5952	5952	71424	166~~167~~	0
SAT	PJM.PECO_month_2x16_dac	25	2189~~2318~~	2189~~2318~~	26268~~27816~~	184~~185~~	0
SAU	PJM.PENELEC_month_2x16_dac	25	1278~~1063~~	1278~~1063~~	15336~~12756~~	186~~187~~	0
SAV	PJM.PEPCO_month_2x16_dac	25	1019	1019	12228	188~~189~~	0
SAW	PJM.PPL_month_2x16_dac	25	2193~~1920~~	2193~~1920~~	23040~~26316~~	192~~193~~	0
SAX	PJM.PSEG_month_2x16_dac	25	1548	1548	18576	194~~195~~	0
SAY	PJM.RECO_month_2x16_dac	25	47~~64~~	47~~64~~	564~~768~~	198~~199~~	0
SAZ	PJM.WESTERN HUB_month_2x16_dac	25	9517~~10231~~	9517~~10231~~	114204~~122772~~	233	0
SBA	PJM.FE OHIO_month_2x16_dac	25	2005	2005	24060	424~~75~~	0
SBC	PJM.SOUTH_month_2x16_dac	25	1781~~1782~~	1781~~1782~~	21372~~21382~~	381~~380~~	0
SBE	PJM.AEP_month_7x8_dac	25	9000~~3646~~	9000~~3646~~	108000~~43752~~	23	0
SBG	PJM.APS_month_7x8_dac	25	1310~~1260~~	1310~~1260~~	15720~~15120~~	38	0
SBI	PJM.BGE_month_7x8_dac	25	897~~883~~	897~~883~~	10764~~10596~~	46	0
SBJ	PJM.COMED_month_7x8_dac	25	3407~~2760~~	3407~~2760~~	40884~~33120~~	58	0
SBK	PJM.DAY_month_7x8_dac	25	1100~~584~~	1100~~584~~	13200~~7008~~	64	0
SBL	PJM.DEOK_month_7x8_dac	25	704~~697~~	704~~697~~	8448~~8364~~	75	0
SBM	PJM.DOM_month_7x8_dac	25	6300~~2498~~	6300~~2498~~	75600~~29976~~	83	0
SBN	PJM.DOMINION HUB_month_7x8_dac	25	12966~~12400~~	12966~~12400~~	155592~~148800~~	85	0
SBO	PJM.DPL_month_7x8_dac	25	513~~501~~	513~~501~~	6012~~6156~~	87	0
SBP	PJM.DUQ_month_7x8_dac	25	420~~388~~	420~~388~~	5040~~4656~~	91	0
SBQ	PJM.EASTERN HUB_month_7x8_dac	25	9551~~9352~~	9551~~9352~~	114612~~112224~~	93	0
SBR	PJM.JCPL_month_7x8_dac	25	609~~596~~	609~~596~~	7308~~7152~~	125	0
SBT	PJM.METED_month_7x8_dac	25	563~~423~~	563~~423~~	6756~~5076~~	150	0
SBV	PJM.PECO_month_7x8_dac	25	1815~~1954~~	1815~~1954~~	21780~~23448~~	184	0
SBW	PJM.PENELEC_month_7x8_dac	25	1055~~867~~	1055~~867~~	12660~~10404~~	186	0
SBX	PJM.PEPCO_month_7x8_dac	25	833~~821~~	833~~821~~	9996~~9852~~	188	0
SBY	PJM.PPL_month_7x8_dac	25	1593~~1859~~	1593~~1859~~	19116~~22308~~	192	0
SBZ	PJM.PSEG_month_7x8_dac	25	1168~~1170~~	1168~~1170~~	14016~~14040~~	194	0
SCA	PJM.RECO_month_7x8_dac	25	36~~47~~	36~~47~~	432~~564~~	198	0
SCB	PJM.WESTERN HUB_month_7x8_dac	25	9190~~9439~~	9190~~9439~~	110280~~113268~~	232	0

SCD	PJM.FE OHIO_month_7x8_dac	25	1614	1614	19368	~~42~~471	0
SCE	PJM.SOUTH_month_7x8_dac	25	~~1781~~1782	~~1781~~1782	~~21372~~21382	381	0
SCF	PJM.AECO_month_2x16_dap	25	~~476~~351	~~476~~351	~~5712~~4212	~~21~~22	0
SCG	PJM.AEP_month_2x16_dap	25	~~9000~~4312	~~9000~~4312	~~108000~~51744	~~23~~24	0
SCH	PJM.APS_month_2x16_dap	25	~~1528~~1504	~~1528~~1504	~~18336~~18048	~~38~~39	0
SCI	PJM.ATSI_month_2x16_dap	25	2180	2180	26160	~~42~~43	0
SCJ	PJM.BGE_month_2x16_dap	25	~~1143~~1061	~~1143~~1061	~~13716~~12732	~~46~~47	0
SCK	PJM.COMED_month_2x16_dap	25	~~4146~~3439	~~4146~~3439	~~49752~~41268	~~58~~59	0
SCL	PJM.DAY_month_2x16_dap	25	~~1100~~733	~~1100~~733	~~13200~~8796	~~64~~65	0
SCM	PJM.DEOK_month_2x16_dap	25	~~840~~846	~~840~~846	~~10080~~10152	~~75~~76	0
SCN	PJM.DOM_month_2x16_dap	25	~~6300~~2997	~~6300~~2997	~~75600~~35964	~~83~~84	0
SCO	PJM.DOMINION HUB_month_2x16_dap	25	~~13200~~13278	~~13200~~13278	~~158400~~159336	~~85~~86	0
SCP	PJM.DPL_month_2x16_dap	25	~~643~~601	~~643~~601	~~7716~~7212	~~87~~88	0
SCQ	PJM.DUQ_month_2x16_dap	25	~~501~~473	~~501~~473	~~5676~~6012	~~91~~92	0
SCR	PJM.EASTERN HUB_month_2x16_dap	25	10275	10275	123300	~~93~~94	0
SCT	PJM.METED_month_2x16_dap	25	~~688~~527	~~688~~527	~~8256~~6324	~~150~~151	0
SCU	PJM.PECO_month_2x16_dap	25	~~2189~~2318	~~2189~~2318	~~26268~~27816	~~184~~185	0
SCV	PJM.PENELEC_month_2x16_dap	25	~~1278~~1063	~~1278~~1063	~~15336~~12756	~~186~~187	0
SCW	PJM.PEPCO_month_2x16_dap	25	1019	1019	12228	~~188~~189	0
SCX	PJM.PSEG_month_2x16_dap	25	1548	1548	18576	~~194~~195	0
SCY	PJM.RECO_month_2x16_dap	25	~~47~~64	~~47~~64	~~564~~768	~~198~~199	0
SCZ	PJM.FE OHIO_month_2x16_dap	25	2005	2005	24060	~~42~~475	0
SDA	PJM.SOUTH_month_2x16_dap	25	~~1781~~1782	~~1781~~1782	~~21372~~21382	~~381~~380	0
SDC	PJM.AEP_month_7x8_dap	25	~~9000~~3646	~~9000~~3646	~~108000~~43752	23	0
SDE	PJM.APS_month_7x8_dap	25	~~1310~~1260	~~1310~~1260	~~15720~~15120	38	0
SDG	PJM.BGE_month_7x8_dap	25	~~897~~883	~~897~~883	~~10764~~10596	46	0
SDH	PJM.COMED_month_7x8_dap	25	~~3407~~2760	~~3407~~2760	~~40884~~33120	58	0
SDI	PJM.DAY_month_7x8_dap	25	~~1100~~584	~~1100~~584	~~13200~~7008	64	0
SDJ	PJM.DEOK_month_7x8_dap	25	~~704~~697	~~704~~697	~~8448~~8364	75	0
SDK	PJM.DOM_month_7x8_dap	25	~~6300~~2498	~~6300~~2498	~~75600~~29976	83	0
SDL	PJM.DOMINION HUB_month_7x8_dap	25	~~12966~~12400	~~12966~~12400	~~155592~~148800	85	0
SDM	PJM.DPL_month_7x8_dap	25	~~513~~501	~~513~~501	~~6012~~6156	87	0
SDN	PJM.DUQ_month_7x8_dap	25	~~420~~388	~~420~~388	~~5040~~4656	91	0
SDO	PJM.EASTERN HUB_month_7x8_dap	25	~~9551~~9352	~~9551~~9352	~~114612~~112224	93	0
SDP	PJM.METED_month_7x8_dap	25	~~563~~423	~~563~~423	~~6756~~5076	150	0
SDQ	PJM.PECO_month_7x8_dap	25	~~1815~~1954	~~1815~~1954	~~21780~~23448	184	0
SDR	PJM.PENELEC_month_7x8_dap	25	~~1055~~867	~~1055~~867	~~12660~~10404	186	0

SDT	PJM.PEPCO_month_7x8_dap	25	833821	833821	99969852	188	0
SDU	PJM.PSEG_month_7x8_dap	25	11681170	11681170	1401614040	194	0
SDV	PJM.RECO_month_7x8_dap	25	3647	3647	432564	198	0
SDW	PJM.FE OHIO_month_7x8_dap	25	1614	1614	19368	42471	0
SDX	PJM.SOUTH_month_7x8_dap	25	17811782	17811782	2137221382	381	0
UAB	PJM.PEPCO DC_month_2x16_dap	25	255285	255285	30603420	188505	0
UAC	PJM.PEPCO MD_month_2x16_dap	25	1400570	1400570	168006840	188506	0
UAD	PJM.PENN POWER_month_2x16_dap	25	300174	300174	36002088	42477	0
UAE	NYISO.GENESE_month_2x16_dap	25	800324	800324	96003888	99100	0
UAF	NYISO.CENTRL_month_2x16_dap	25	907786	907786	108849432	5455	0
UAG	NYISO.NORTH_month_2x16_dap	25	714	714	8568	172173	0
UAH	NYISO.MHK VL_month_2x16_dap	25	900252	900252	108003024	152153	0
UAI	NYISO.CAPITL_month_2x16_dap	25	516	516	6192	5051	0
UAJ	NYISO.MILLWD_month_2x16_dap	25	340234	340234	40802808	158159	0
UAK	NYISO.DUNWOD_month_2x16_dap	25	1100200	1100200	132002400	8990	0
UAL	ISONE..Z.CONNECTICUT_month_2x16_dap	25	12881034	12881034	1545612408	34	0
UAM	ISONE..Z.NEMASSBOST_month_2x16_dap	25	838	838	10056	78	0
UAN	ISONE..Z.NEWHAMPSHIRE_month_2x16_dap	25	571532	571532	68526384	910	0
UAO	ISONE..Z.RHODEISLAND_month_2x16_dap	25	500346	500346	60004152	1112	0
UAP	ISONE..Z.SEMASS_month_2x16_dap	25	536492	536492	64325904	1314	0
UAQ	ISONE..Z.WCMASS_month_2x16_dap	25	619574	619574	74286888	1718	0
UAR	ISONE..Z.MAINE_month_2x16_dap	25	405386	405386	48604632	56	0
UAS	ISONE..Z.VERMONT_month_2x16_dap	25	150185	150185	18002220	1516	0
UAT	MISO.ILLINOIS.HUB_month_2x16_dap	25	21831308	21831308	2619615696	115116	0
UAV	MISO.MICHIGAN.HUB_month_2x16_dap	25	4905	4905	58860	156157	0
UAW	MISO.MINN.HUB_month_2x16_dap	25	2910	2910	34920	160161	0
UAX	PJM.PEPCO DC_month_7x8_dap	25	214230	214230	25682760	188503	0
UAY	PJM.PEPCO MD_month_7x8_dap	25	1400460	1400460	168005520	188504	0
UAZ	PJM.PENN POWER_month_7x8_dap	25	300140	300140	16803600	42473	0
UBA	NYISO.GENESE_month_7x8_dap	25	800255	800255	96003060	99	0
UBC	NYISO.CENTRL_month_7x8_dap	25	783589	783589	93967068	54	0
UBE	NYISO.MHK VL_month_7x8_dap	25	900200	900200	108002400	152	0
UBG	NYISO.MILLWD_month_7x8_dap	25	281188	281188	22563372	158	0
UBH	NYISO.DUNWOD_month_7x8_dap	25	1100156	1100156	132001872	89	0
UBI	ISONE..Z.CONNECTICUT_month_7x8_dap	25	1052800	1052800	126249600	3	0
UBK	ISONE..Z.NEWHAMPSHIRE_month_7x8_dap	25	449410	449410	53884920	9	0
UBL	ISONE..Z.RHODEISLAND_month_7x8_dap	25	500268	500268	32166000	11	0

UBM	ISONE..Z.SEMASS_month_7x8_dap	25	~~391~~382	~~391~~382	~~4692~~4584	13	0
UBN	ISONE..Z.WCMASS_month_7x8_dap	25	~~458~~447	~~458~~447	~~5496~~5364	17	0
UBO	ISONE..Z.MAINE_month_7x8_dap	25	~~321~~316	~~321~~316	~~3852~~3792	5	0
UBP	ISONE..Z.VERMONT_month_7x8_dap	25	~~135~~150	~~135~~150	~~1620~~1800	15	0
UBQ	MISO.ILLINOIS.HUB_month_7x8_dap	25	~~1887~~1142	~~1887~~1142	~~22644~~13704	115	0
WYA	PJM.CITIZENS_month_on_dac	25	62	62	744	<u>434</u>	0
WYB	PJM.CITIZENS_month_off_dac	25	40	40	480	~~388~~435	0
WYC	PJM.CITIZENS_month_2x16_dac	25	62	62	744	~~388~~434	0
WYD	PJM.CITIZENS_month_7x8_dac	25	40	40	480	~~388~~435	0
WYE	PJM.DUNCANNON_month_on_dac	25	137	137	1644	<u>436</u>	0
WYF	PJM.DUNCANNON_month_off_dac	25	124	124	1488	~~389~~437	0
WYG	PJM.DUNCANNON_month_2x16_dac	25	137	137	1644	~~389~~436	0
WYH	PJM.DUNCANNON_month_7x8_dac	25	124	124	1488	~~389~~437	0
XAA	PJM.WESTERN HUB_month_7x HE 10-17_rtp	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	390	0
XAB	PJM.WESTERN HUB_month_7x HE 10-17_dap	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	233	0
XAC	ERCOT.HB_NORTH_month_7x HE 10-17_rtp	25	~~7143~~7252	~~7143~~7252	~~85716~~87024	393	0
XAD	ERCOT.HB_HOUSTON_month_7x HE 10-17_rtp	25	~~5197~~5318	~~5197~~5318	~~62364~~63816	394	0
XAE	ERCOT.HB_WEST_month_7x HE 10-17_rtp	25	~~2058~~2569	~~2058~~2569	~~24696~~30828	391	0
XAF	ERCOT.HB_SOUTH_month_7x HE 10-17_rtp	25	~~2694~~2895	~~2694~~2895	~~32328~~34740	392	0
XBA	ERCOT.HB_NORTH_month_5x HE 18-22_rtp	25	~~7143~~7252	~~7143~~7252	~~85716~~87024	393	0
XBB	ERCOT.HB_HOUSTON_month_5x HE 18-22_rtp	25	~~5197~~5318	~~5197~~5318	~~62364~~63816	394	0
XBC	ERCOT.HB_WEST_month_5x HE 18-22_rtp	25	~~2058~~2569	~~2058~~2569	~~24696~~30828	391	0
XBD	ERCOT.HB_SOUTH_month_5x HE 18-22_rtp	25	~~2694~~2895	~~2694~~2895	~~32328~~34740	392	0
XBE	ERCOT.HB_NORTH_month_5x HE 07-11_rtp	25	~~7143~~7252	~~7143~~7252	~~85716~~87024	393	0
XCB	CAISO.TH_SP15_GEN-APND_month_6x HE 07-08 & 17-22_dap	25	~~7301~~7491	~~7301~~7491	~~87612~~89892	217	0
XCE	CAISO.TH_SP15_GEN-APND_month_7x HE 09-16_dap	25	~~7301~~7491	~~7301~~7491	~~87612~~89892	217	0
XCG	CAISO.TH_SP15_GEN-APND_month_6x HE 09-16_dap	25	~~7301~~7491	~~7301~~7491	~~87612~~89892	217	0
XDA	PJM.WESTERN HUB_month_7x16_rtp	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	390	0
XDB	PJM.WESTERN HUB_month_7x16_dap	25	~~9517~~10231	~~9517~~10231	~~114204~~122772	233	0
XDC	ERCOT.HB_NORTH_month_7x16_rtp	25	~~7143~~7252	~~7143~~7252	~~85716~~87024	393	0
XDD	ERCOT.HB_HOUSTON_month_7x16_rtp	25	~~5197~~5318	~~5197~~5318	~~62364~~63816	394	0
XDE	ERCOT.HB_WEST_month_7x16_rtp	25	~~2058~~2569	~~2058~~2569	~~24696~~30828	391	0
XDF	ERCOT.HB_SOUTH_month_7x16_rtp	25	~~2694~~2895	~~2694~~2895	~~32328~~34740	392	0

* In addition to the individual position limit of each contract, Nodal Exchange has a separate algorithm to check the combined position limit of contracts within the same aggregation group./** For Options expiring during, or at the close of, the Underlying Contract's delivery period, the combined Underlying Contract and futures-equivalent Options position will be subject to the position limit established for the Underlying Contract./*** Reporting Level for Option is 25.

Revision Date: 26-Jan-26