

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		07/06/2024																										
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	31.47	29.05	26.61	26.47	26.29	26.34	26.70	26.76	29.16	32.01	33.91	38.01	39.12	41.80	46.91	48.25	54.75	56.65	53.02	48.10	45.06	37.45	33.97	33.00			
		2.60	2.27	2.11	2.01	1.90	1.95	2.23	2.34	2.75	3.04	3.33	3.68	4.13	4.39	4.55	4.22	4.64	5.40	5.16	4.71	4.20	3.63	3.34	3.13			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-2.30	-0.02	-0.85	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.81	-0.17	-0.01	-0.01			
74TH STREET_GT_1	24260	31.50	29.14	26.63	26.35	26.20	26.24	26.70	26.66	29.16	32.15	34.00	38.20	39.09	41.76	46.87	48.25	54.78	56.69	53.06	48.11	45.23	37.58	34.09	33.18			
		2.63	2.36	2.13	1.88	1.80	1.85	2.23	2.25	2.75	3.18	3.42	3.72	4.09	4.35	4.52	4.22	4.68	5.45	5.20	4.71	4.24	3.77	3.46	3.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-2.45	-0.02	-0.85	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.94	-0.17	-0.01	-0.01			
74TH STREET_GT_2	24261	31.50	29.14	26.63	26.35	26.20	26.24	26.70	26.66	29.16	32.15	34.00	38.20	39.09	41.76	46.87	48.25	54.78	56.69	53.06	48.11	45.23	37.58	34.09	33.18			
		2.63	2.36	2.13	1.88	1.80	1.85	2.23	2.25	2.75	3.18	3.42	3.72	4.09	4.35	4.52	4.22	4.68	5.45	5.20	4.71	4.24	3.77	3.46	3.31			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-2.45	-0.02	-0.85	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.94	-0.17	-0.01	-0.01			
ADK HUDSON___FALLS	24011	30.78	28.47	25.97	25.81	25.71	25.71	25.99	25.78	28.18	31.01	32.52	33.92	37.11	38.64	39.30	36.08	39.57	48.46	50.16	45.33	41.59	36.45	32.77	31.86			
		1.91	1.69	1.47	1.35	1.32	1.32	1.52	1.37	1.77	2.06	1.96	1.89	2.13	1.94	1.92	1.90	1.87	2.50	3.12	2.80	2.35	2.59	2.14	2.00			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.37	-0.17	-0.25	-2.02	-3.70	-2.60	-4.19	-0.22	0.00	0.00			
ADK RESOURCE___RCVRY	23798	30.95	28.60	26.09	26.05	25.93	25.90	26.14	25.95	28.34	31.15	32.67	34.08	37.32	38.82	39.49	36.22	39.72	48.68	50.51	45.57	41.80	36.68	32.95	31.98			
		2.08	1.82	1.59	1.59	1.54	1.51	1.67	1.54	1.93	2.20	2.11	2.05	2.34	2.12	2.11	2.04	2.02	2.73	3.47	3.03	2.56	2.83	2.33	2.12			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.37	-0.17	-0.24	-2.01	-3.70	-2.60	-4.19	-0.22	0.00	0.00			
ADK S GLENS___FALLS	24028	30.78	28.47	25.97	25.81	25.71	25.71	25.99	25.78	28.18	31.01	32.52	33.92	37.11	38.64	39.30	36.08	39.57	48.46	50.16	45.33	41.59	36.45	32.77	31.86			
		1.91	1.69	1.47	1.35	1.32	1.32	1.52	1.37	1.77	2.06	1.96	1.89	2.13	1.94	1.92	1.90	1.87	2.50	3.12	2.80	2.35	2.59	2.14	2.00			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.37	-0.17	-0.25	-2.02	-3.70	-2.60	-4.19	-0.22	0.00	0.00			
ADK_NYS___DAM	23527	30.46	28.17	25.87	25.79	25.68	25.68	25.87	25.73	27.92	30.54	32.15	33.76	36.87	38.79	39.58	36.22	39.93	48.72	49.63	44.99	41.19	35.94	32.40	31.59			
		1.59	1.39	1.37	1.32	1.29	1.29	1.39	1.32	1.50	1.59	1.59	1.73	1.89	2.05	2.11	2.04	2.17	2.64	2.64	2.48	2.07	2.09	1.78	1.73			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.46	-0.17	-0.30	-2.15	-3.65	-2.58	-4.07	-0.21	0.00	0.00			
AIR_PRODUCTS___DRP	24190	29.48	27.31	25.04	24.91	24.81	24.83	25.04	24.93	27.12	29.68	31.33	32.83	35.86	37.67	38.37	35.16	38.76	47.23	48.24	43.63	40.06	34.83	31.45	30.64			
		0.61	0.54	0.54	0.44	0.41	0.44	0.56	0.51	0.71	0.72	0.76	0.80	0.87	0.95	0.96	0.99	1.05	1.27	1.30	1.16	0.95	0.98	0.83	0.78			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.39	-0.17	-0.26	-2.02	-3.60	-2.54	-4.06	-0.21	0.00	0.00			
AKWESSNE_115KV_BK	355683	28.09	26.11	23.91	24.07	24.05	23.98	23.91	24.02	25.78	28.26	29.68	31.13	33.97	35.43	35.79	32.75	36.07	42.36	41.69	38.54	33.93	32.53	29.58	28.85			
		-0.78	-0.67	-0.59	-0.39	-0.34	-0.41	-0.56	-0.39	-0.63	-0.69	-0.89	-0.90	-1.01	-1.13	-1.22	-1.26	-1.39	-1.58	-1.65	-1.40	-1.12	-1.11	-1.04	-1.02			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR	323833	30.14	27.90	25.58	25.57	25.44	25.44	25.55	25.39	27.52	30.05	31.70	33.08	36.17	37.94	38.62	35.43	39.07	47.72	48.82	44.34	40.59	35.56	32.09	31.27			
		1.27	1.12	1.08	1.10	1.05	1.05	1.08	0.98	1.11	1.10	1.13	1.06	1.19	1.24	1.26	1.26	1.39	1.89	1.99	1.96	1.58	1.71	1.47	1.40			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.35	-0.16	-0.23	-1.90	-3.49	-2.45	-3.96	-0.20	0.00	0.00			
ALBANY_2_SOLAR	323834	30.11	27.88	25.58	25.54	25.44	25.44	25.55	25.39	27.52	30.05	31.66	33.08	36.17	37.94	38.58	35.43	39.07	47.72	48.82	44.31	40.55	35.53	32.09	31.24			
		1.24	1.10	1.08	1.08	1.05	1.05	1.08	0.98	1.11	1.10	1.10	1.06	1.19	1.24	1.22	1.26	1.39	1.89	1.99	1.92	1.54	1.68	1.47	1.37			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.35	-0.16	-0.23	-1.90	-3.49	-2.45	-3.96	-0.20	0.00	0.00			
ALBANY___1	23571	29.48	27.31	25.04	24.91	24.81	24.83	25.04	24.93	27.12	29.68	31.33	32.83	35.86	37.67	38.37	35.16	38.76	47.23	48.24	43.63	40.06	34.83	31.45	30.64			
		0.61	0.54	0.54	0.44	0.41	0.44	0.56	0.51	0.71	0.72	0.76	0.80	0.87	0.95	0.96	0.99	1.05	1.27	1.30	1.16	0.95	0.98	0.83	0.78			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	-0.39	-0.17	-0.26	-2.02	-3.60	-2.54	-4.06	-0.21	0.00	0.00			

ALBANY___2 23572	29.48 0.61 0.00	27.31 0.54 0.00	25.04 0.54 0.00	24.91 0.44 0.00	24.81 0.41 0.00	24.83 0.44 0.00	25.04 0.56 0.00	24.93 0.51 0.00	27.12 0.71 0.00	29.68 0.72 0.00	31.33 0.76 0.00	32.83 0.80 0.00	35.86 0.87 0.00	37.67 0.95 -0.15	38.37 0.96 -0.39	35.16 0.99 -0.17	38.76 1.05 -0.26	47.23 1.27 -2.02	48.24 1.30 -3.60	43.63 1.16 -2.54	40.06 0.95 -4.06	34.83 0.98 -0.21	31.45 0.83 0.00	30.64 0.78 0.00
ALBANY___3 23573	29.48 0.61 0.00	27.31 0.54 0.00	25.04 0.54 0.00	24.91 0.44 0.00	24.81 0.41 0.00	24.83 0.44 0.00	25.04 0.56 0.00	24.93 0.51 0.00	27.12 0.71 0.00	29.68 0.72 0.00	31.33 0.76 0.00	32.83 0.80 0.00	35.86 0.87 0.00	37.67 0.95 -0.15	38.37 0.96 -0.39	35.16 0.99 -0.17	38.76 1.05 -0.26	47.23 1.27 -2.02	48.24 1.30 -3.60	43.63 1.16 -2.54	40.06 0.95 -4.06	34.83 0.98 -0.21	31.45 0.83 0.00	30.64 0.78 0.00
ALBANY___4 23574	29.48 0.61 0.00	27.31 0.54 0.00	25.04 0.54 0.00	24.91 0.44 0.00	24.81 0.41 0.00	24.83 0.44 0.00	25.04 0.56 0.00	24.93 0.51 0.00	27.12 0.71 0.00	29.68 0.72 0.00	31.33 0.76 0.00	32.83 0.80 0.00	35.86 0.87 0.00	37.67 0.95 -0.15	38.37 0.96 -0.39	35.16 0.99 -0.17	38.76 1.05 -0.26	47.23 1.27 -2.02	48.24 1.30 -3.60	43.63 1.16 -2.54	40.06 0.95 -4.06	34.83 0.98 -0.21	31.45 0.83 0.00	30.64 0.78 0.00
ALBANY___LFGE 323615	29.80 0.92 0.00	27.58 0.80 0.00	25.31 0.81 0.00	25.27 0.81 0.00	25.17 0.78 0.00	25.17 0.78 0.00	25.31 0.83 0.00	25.22 0.80 0.00	27.42 1.00 0.00	29.97 1.01 0.00	31.63 1.07 0.00	33.15 1.12 0.00	36.28 1.30 0.00	38.07 1.35 -0.15	38.81 1.41 -0.39	35.54 1.36 -0.17	39.14 1.42 -0.26	47.73 1.76 -2.03	48.79 1.82 -3.63	44.09 1.60 -2.56	40.45 1.30 -4.10	35.23 1.38 -0.21	31.79 1.16 0.00	30.94 1.07 0.00
ALCOA_PA_115KV_PL-6C 55860	28.01 -0.87 0.00	26.03 -0.75 0.00	23.84 -0.66 0.00	24.03 -0.44 0.00	23.98 -0.41 0.00	23.90 -0.49 0.00	23.86 -0.61 0.00	23.95 -0.46 0.00	25.70 -0.71 0.00	28.17 -0.78 0.00	29.59 -0.98 0.00	31.00 -1.02 0.00	33.86 -1.12 0.00	35.28 -1.28 0.00	35.60 -1.41 0.00	32.54 -1.46 0.00	35.84 -1.61 0.00	42.09 -1.85 0.00	41.43 -1.91 0.00	38.34 -1.60 0.00	33.79 -1.26 0.00	32.40 -1.24 0.00	29.46 -1.16 0.00	28.73 -1.13 0.00
ALCOA_RYNLDS___DRP 24188	28.01 -0.87 0.00	26.03 -0.75 0.00	23.84 -0.66 0.00	24.03 -0.44 0.00	23.98 -0.41 0.00	23.90 -0.49 0.00	23.86 -0.61 0.00	23.95 -0.46 0.00	25.70 -0.71 0.00	28.17 -0.78 0.00	29.59 -0.98 0.00	31.00 -1.02 0.00	33.86 -1.12 0.00	35.28 -1.28 0.00	35.60 -1.41 0.00	32.54 -1.46 0.00	35.84 -1.61 0.00	42.09 -1.85 0.00	41.43 -1.91 0.00	38.34 -1.60 0.00	33.79 -1.26 0.00	32.40 -1.24 0.00	29.46 -1.16 0.00	28.73 -1.13 0.00
ALCOA___DSASP 323711	28.01 -0.87 0.00	26.03 -0.75 0.00	23.81 -0.69 0.00	23.83 -0.64 0.00	23.83 -0.56 0.00	23.78 -0.61 0.00	23.86 -0.61 0.00	23.83 -0.59 0.00	25.70 -0.71 0.00	28.17 -0.78 0.00	29.56 -1.01 0.00	31.00 -1.03 0.00	33.86 -1.12 0.00	35.28 -1.28 0.00	35.60 -1.41 0.00	32.54 -1.46 0.00	35.84 -1.61 0.00	42.09 -1.84 0.00	41.43 -1.91 0.00	38.34 -1.60 0.00	33.82 -1.23 0.00	32.40 -1.24 0.00	29.46 -1.16 0.00	28.70 -1.17 0.00
ALLEGHENY___COGEN 23514	30.52 1.64 0.00	27.98 1.21 0.00	25.41 0.91 0.00	25.27 0.81 0.00	25.00 0.61 0.00	24.98 0.58 0.00	24.94 0.46 0.00	24.73 0.32 0.00	26.46 0.05 0.00	28.43 -0.52 0.00	29.95 -0.61 0.00	31.13 -0.90 0.00	33.72 -1.26 0.00	35.25 -1.31 0.00	35.71 -1.30 0.00	32.93 -1.09 -0.01	36.52 -0.93 0.00	42.69 -0.66 0.59	43.31 0.26 0.30	40.73 0.76 -0.04	35.76 0.63 -0.07	34.51 1.04 0.17	31.73 1.10 0.00	31.09 1.22 0.00
ALTAMONT_115KV_TB 2 55880	29.80 0.92 0.00	27.61 0.83 0.00	25.28 0.78 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.05 0.66 0.00	25.28 0.81 0.00	25.15 0.73 0.00	27.34 0.92 0.00	29.97 1.01 0.00	31.63 1.07 0.00	33.15 1.12 0.00	36.24 1.26 0.00	38.02 1.32 -0.14	38.76 1.37 -0.38	35.50 1.33 -0.17	39.16 1.46 -0.25	47.64 1.71 -1.99	48.66 1.73 -3.59	44.06 1.60 -2.53	40.47 1.37 -4.06	35.20 1.35 -0.21	31.79 1.16 0.00	30.97 1.10 0.00
ALTONA_WT_PWR 323606	28.44 -0.43 0.00	26.43 -0.35 0.00	24.16 -0.34 0.00	24.15 -0.32 0.00	24.12 -0.27 0.00	24.07 -0.32 0.00	24.18 -0.29 0.00	24.15 -0.27 0.00	26.04 -0.37 0.00	28.58 -0.38 0.00	29.95 -0.61 0.00	31.45 -0.58 0.00	34.31 -0.67 0.00	35.76 -0.80 0.00	35.94 -1.07 0.00	32.85 -1.16 0.00	36.22 -1.24 0.00	42.53 -1.41 0.00	41.82 -1.52 0.00	38.66 -1.28 0.00	34.11 -0.94 0.00	32.66 -0.98 0.00	29.67 -0.95 0.00	28.79 -1.07 0.00
AMERICAN_REF_FUEL 24010	28.15 -0.72 0.00	25.90 -0.88 0.00	23.52 -0.98 0.00	23.32 -1.15 0.00	22.98 -1.42 0.00	22.95 -1.44 0.00	22.96 -1.52 0.00	22.68 -1.73 0.00	24.61 -1.80 0.00	26.87 -2.08 0.00	28.79 -1.77 0.00	29.98 -2.05 0.00	32.32 -2.66 0.00	33.97 -2.60 0.00	34.53 -2.48 0.00	31.56 -2.45 -0.01	34.87 -2.58 0.00	39.66 -3.56 0.72	39.64 -3.25 0.45	36.71 -3.20 0.03	31.86 -3.15 0.04	30.81 -2.62 0.20	28.57 -2.05 0.00	28.40 -1.46 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.36 0.49 0.00	26.91 0.13 0.00	24.48 -0.02 0.00	24.27 -0.20 0.00	23.93 -0.46 0.00	23.88 -0.51 0.00	23.99 -0.49 0.00	23.93 -0.49 0.00	25.94 -0.47 0.00	28.37 -0.58 0.00	30.38 -0.18 0.00	31.51 -0.51 0.00	33.96 -1.02 0.00	35.61 -0.95 0.00	36.05 -0.96 0.00	33.03 -0.99 -0.01	36.52 -0.93 0.00	41.48 -1.84 0.61	41.60 -1.43 0.32	38.45 -1.52 -0.04	33.40 -1.72 -0.07	32.25 -1.21 0.18	30.04 -0.58 0.00	29.74 -0.12 0.00
ARTHUR KILL_GT_1 23520	31.46 2.57 -0.02	29.17 2.38 -0.01	26.69 2.18 -0.01	26.53 2.06 -0.01	26.35 1.95 -0.01	26.29 1.90 0.00	26.56 2.08 0.00	26.52 2.10 0.00	28.91 2.51 0.01	33.08 2.75 -1.38	36.48 3.27 -2.65	37.95 3.55 -2.37	38.91 3.92 -0.01	41.42 4.02 -0.84	46.60 4.25 -5.34	47.97 3.94 -10.02	54.59 4.49 -12.64	56.49 5.23 -7.33	52.86 4.98 -4.54	47.94 4.55 -3.45	44.95 4.03 -5.87	37.54 3.73 -0.17	36.48 3.40 -2.46	33.06 3.13 -0.06
ARTHUR_KILL_2 23512	31.34 2.45 -0.02	29.06 2.27 -0.01	26.59 2.08 -0.01	26.45 1.98 -0.01	26.28 1.88 -0.01	26.22 1.83 0.00	26.48 2.01 0.00	26.44 2.03 0.00	28.81 2.40 0.01	32.99 2.66 -1.38	36.36 3.15 -2.65	37.83 3.43 -2.37	38.77 3.78 -0.01	41.28 3.87 -0.84	46.42 4.07 -5.34	47.83 3.81 -10.02	54.36 4.27 -12.64	56.27 5.01 -7.33	52.65 4.77 -4.54	47.74 4.35 -3.45	44.77 3.86 -5.87	37.41 3.60 -0.17	36.36 3.28 -2.46	32.94 3.01 -0.06
ARTHUR_KILL_3 23513	31.22 2.34 -0.01	28.79 2.01 0.00	26.36 1.86 0.00	26.23 1.76 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.46 1.98 0.00	26.52 2.10 0.00	28.89 2.48 0.00	33.09 2.75 -1.39	36.30 3.09 -2.65	37.71 3.30 -2.38	38.63 3.64 -0.02	41.33 3.91 -0.85	46.39 4.03 -5.34	47.81 3.77 -10.03	54.30 4.19 -12.65	56.15 4.88 -7.34	52.53 4.64 -4.55	47.59 4.19 -3.46	44.68 3.75 -5.88	37.18 3.36 -0.17	36.20 3.13 -2.45	32.87 2.96 -0.05

ARTHUR_KILL_COGEN 323718	31.46 2.57 -0.02	29.17 2.38 -0.01	26.69 2.18 -0.01	26.53 2.06 -0.01	26.35 1.95 -0.01	26.29 1.90 0.00	26.56 2.08 0.00	26.52 2.10 0.00	28.91 2.51 0.01	33.08 2.75 -1.38	36.48 3.27 -2.65	37.95 3.55 -2.37	38.91 3.92 -0.01	41.42 4.02 -0.84	46.60 4.25 -5.34	47.97 3.94 -10.02	54.59 4.49 -12.64	56.49 5.23 -7.33	52.86 4.98 -4.54	47.94 4.55 -3.45	44.95 4.03 -5.87	37.54 3.73 -0.17	36.48 3.40 -2.46	33.06 3.13 -0.06
ASHOKAN____ 23654	30.92 2.05 0.00	28.57 1.79 0.00	26.24 1.74 0.00	26.15 1.69 0.00	26.00 1.61 0.00	25.95 1.56 0.00	26.16 1.69 0.00	25.88 1.46 0.00	27.94 1.53 0.00	30.72 1.77 0.00	32.34 1.77 0.00	33.76 1.73 0.00	37.22 2.24 0.00	39.37 2.74 -0.06	39.76 2.59 -0.16	36.33 2.18 -0.14	40.48 2.92 -0.10	49.11 3.78 -1.40	48.31 1.95 -3.02	45.71 3.67 -2.10	40.05 1.47 -3.53	36.62 2.79 -0.18	33.16 2.54 0.00	32.25 2.39 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.48 2.60 -0.01	29.12 2.33 -0.01	26.66 2.16 -0.01	26.52 2.06 0.00	26.32 1.93 0.00	26.22 1.83 0.00	26.53 2.06 0.00	26.54 2.12 0.00	28.89 2.48 0.01	31.65 2.69 -0.01	33.81 3.24 -0.01	37.87 3.46 -2.39	38.77 3.78 -0.01	41.28 3.87 -0.84	46.39 4.03 -5.34	47.81 3.77 -10.03	54.44 4.34 -12.65	56.34 5.09 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.79 3.86 -5.88	37.45 3.63 -0.17	33.97 3.34 -0.01	33.10 3.23 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.48 2.60 -0.01	29.12 2.33 -0.01	26.66 2.16 -0.01	26.52 2.06 0.00	26.32 1.93 0.00	26.22 1.83 0.00	26.53 2.06 0.00	26.54 2.12 0.00	28.89 2.48 0.01	31.65 2.69 -0.01	33.81 3.24 -0.01	37.87 3.46 -2.39	38.77 3.78 -0.01	41.28 3.87 -0.84	46.39 4.03 -5.34	47.81 3.77 -10.03	54.44 4.34 -12.65	56.34 5.09 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.79 3.86 -5.88	37.45 3.63 -0.17	33.97 3.34 -0.01	33.10 3.23 -0.01
ASTORIA_GT2_1 24094	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT2_2 24095	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT2_3 24096	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT2_4 24097	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT3_1 24098	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT3_2 24099	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT3_3 24100	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT3_4 24101	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT4_1 24102	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT4_2 24103	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT4_3 24104	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01

ASTORIA_GT4_4 24105	31.51 2.63 -0.01	29.17 2.38 -0.01	26.66 2.16 -0.01	26.37 1.91 0.00	26.20 1.80 0.00	26.12 1.73 0.00	26.56 2.08 0.00	26.47 2.05 0.00	28.89 2.48 0.00	31.95 2.98 -0.02	33.85 3.27 -0.02	37.91 3.49 -2.39	38.77 3.78 -0.02	41.32 3.91 -0.85	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.83 3.89 -5.88	37.58 3.77 -0.17	33.94 3.31 -0.01	33.18 3.31 -0.01
ASTORIA_GT_1 23523	31.57 2.69 -0.01	29.17 2.38 -0.01	26.71 2.21 -0.01	26.57 2.10 0.00	26.37 1.97 0.00	26.29 1.90 0.00	26.60 2.13 0.00	26.59 2.17 0.00	28.94 2.54 0.01	31.74 2.78 -0.01	33.90 3.33 -0.01	37.97 3.55 -2.39	38.87 3.88 -0.01	41.39 3.99 -0.84	46.53 4.18 -5.34	47.91 3.88 -10.03	54.59 4.49 -12.65	56.47 5.23 -7.31	52.84 4.98 -4.52	47.94 4.55 -3.46	44.89 3.96 -5.88	37.55 3.73 -0.17	34.06 3.43 -0.01	33.18 3.31 -0.01
ASTORIA_GT_10 24110	31.39 2.51 0.00	29.05 2.28 0.00	26.53 2.03 0.00	26.28 1.81 0.00	26.10 1.71 0.00	26.10 1.71 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.50 4.15 -5.34	47.88 3.84 -10.03	54.45 4.34 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.41 3.60 -0.17	33.94 3.31 -0.01	33.06 3.20 -0.01
ASTORIA_GT_11 24225	31.39 2.51 0.00	29.05 2.28 0.00	26.53 2.03 0.00	26.28 1.81 0.00	26.10 1.71 0.00	26.10 1.71 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.50 4.15 -5.34	47.88 3.84 -10.03	54.45 4.34 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.41 3.60 -0.17	33.94 3.31 -0.01	33.06 3.20 -0.01
ASTORIA_GT_12 24226	31.39 2.51 0.00	29.05 2.28 0.00	26.53 2.03 0.00	26.28 1.81 0.00	26.10 1.71 0.00	26.10 1.71 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.50 4.15 -5.34	47.88 3.84 -10.03	54.45 4.34 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.41 3.60 -0.17	33.94 3.31 -0.01	33.06 3.20 -0.01
ASTORIA_GT_13 24227	31.39 2.51 0.00	29.05 2.28 0.00	26.53 2.03 0.00	26.28 1.81 0.00	26.10 1.71 0.00	26.10 1.71 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.50 4.15 -5.34	47.88 3.84 -10.03	54.45 4.34 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.41 3.60 -0.17	33.94 3.31 -0.01	33.06 3.20 -0.01
ASTORIA_GT_5 24106	31.57 2.69 -0.01	29.22 2.44 -0.01	26.71 2.20 -0.01	26.42 1.96 0.00	26.24 1.85 0.00	26.17 1.78 0.00	26.61 2.13 0.00	26.51 2.10 0.00	28.95 2.54 0.00	32.01 3.04 -0.02	33.94 3.36 -0.02	38.00 3.59 -2.39	38.88 3.88 -0.02	41.40 3.99 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.60 4.49 -12.65	56.47 5.23 -7.31	52.84 4.98 -4.52	47.91 4.51 -3.46	44.93 4.00 -5.88	37.65 3.84 -0.17	34.03 3.40 -0.01	33.24 3.37 -0.01
ASTORIA_GT_7 24107	31.57 2.69 -0.01	29.22 2.44 -0.01	26.71 2.20 -0.01	26.42 1.96 0.00	26.24 1.85 0.00	26.17 1.78 0.00	26.61 2.13 0.00	26.51 2.10 0.00	28.95 2.54 0.00	32.01 3.04 -0.02	33.94 3.36 -0.02	38.00 3.59 -2.39	38.88 3.88 -0.02	41.40 3.99 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.60 4.49 -12.65	56.47 5.23 -7.31	52.84 4.98 -4.52	47.91 4.51 -3.46	44.93 4.00 -5.88	37.65 3.84 -0.17	34.03 3.40 -0.01	33.24 3.37 -0.01
ASTORIA_GT_8 24108	31.57 2.69 -0.01	29.22 2.44 -0.01	26.71 2.20 -0.01	26.42 1.96 0.00	26.24 1.85 0.00	26.17 1.78 0.00	26.61 2.13 0.00	26.51 2.10 0.00	28.95 2.54 0.00	32.01 3.04 -0.02	33.94 3.36 -0.02	38.00 3.59 -2.39	38.88 3.88 -0.02	41.40 3.99 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.60 4.49 -12.65	56.47 5.23 -7.31	52.84 4.98 -4.52	47.91 4.51 -3.46	44.93 4.00 -5.88	37.65 3.84 -0.17	34.03 3.40 -0.01	33.24 3.37 -0.01
ASTORIA___2 24149	31.51 2.63 -0.01	29.12 2.33 -0.01	26.69 2.18 -0.01	26.52 2.06 0.00	26.32 1.93 0.00	26.24 1.85 0.00	26.56 2.08 0.00	26.54 2.12 0.00	28.89 2.48 0.01	31.68 2.72 -0.01	33.81 3.24 -0.01	37.87 3.46 -2.39	38.77 3.78 -0.01	41.32 3.91 -0.84	46.42 4.07 -5.34	47.81 3.77 -10.03	54.48 4.38 -12.65	56.34 5.09 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.79 3.86 -5.88	37.45 3.63 -0.17	34.00 3.37 -0.01	33.13 3.26 -0.01
ASTORIA___3 23516	31.38 2.51 0.00	29.00 2.22 0.00	26.56 2.06 0.00	26.42 1.96 0.00	26.24 1.85 0.00	26.22 1.83 0.00	26.53 2.06 0.00	26.56 2.15 0.00	28.95 2.54 0.00	31.75 2.78 -0.02	33.82 3.24 -0.02	37.94 3.46 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.50 4.14 -5.34	47.87 3.84 -10.03	54.41 4.31 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.84 3.86 -5.94	37.45 3.63 -0.17	33.94 3.31 -0.01	33.00 3.13 -0.01
ASTORIA___4 23517	31.39 2.51 0.00	29.05 2.28 0.00	26.53 2.03 0.00	26.28 1.81 0.00	26.10 1.71 0.00	26.10 1.71 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.50 4.15 -5.34	47.88 3.84 -10.03	54.45 4.34 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.41 3.60 -0.17	33.94 3.31 -0.01	33.06 3.20 -0.01
ASTORIA___5 23518	31.38 2.51 0.00	29.00 2.22 0.00	26.56 2.06 0.00	26.42 1.96 0.00	26.24 1.85 0.00	26.22 1.83 0.00	26.53 2.06 0.00	26.56 2.15 0.00	28.95 2.54 0.00	31.75 2.78 -0.02	33.82 3.24 -0.02	37.94 3.46 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.50 4.14 -5.34	47.87 3.84 -10.03	54.41 4.31 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.84 3.86 -5.94	37.45 3.63 -0.17	33.94 3.31 -0.01	33.00 3.13 -0.01
AST_ENERGY_2_CC3 323677	31.27 2.40 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.51 2.03 0.00	26.56 2.15 0.00	28.95 2.54 0.00	31.75 2.78 -0.02	33.70 3.12 -0.02	37.83 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.28 3.47 -0.17	33.82 3.18 -0.01	32.88 3.01 -0.01
AST_ENERGY_2_CC4 323678	31.27 2.40 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.51 2.03 0.00	26.56 2.15 0.00	28.95 2.54 0.00	31.75 2.78 -0.02	33.70 3.12 -0.02	37.83 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.28 3.47 -0.17	33.82 3.18 -0.01	32.88 3.01 -0.01

ATHENS_STG_1 23668	30.03 1.16 0.00	27.80 1.02 0.00	25.48 0.98 0.00	25.42 0.95 0.00	25.29 0.90 0.00	25.32 0.93 0.00	25.48 1.00 0.00	25.44 1.03 0.00	27.63 1.22 0.00	30.26 1.30 0.00	32.00 1.44 0.00	33.63 1.60 0.00	36.76 1.78 0.00	38.66 1.90 -0.19	39.48 1.96 -0.51	36.03 1.87 -0.16	39.85 2.06 -0.34	48.47 2.41 -2.12	48.96 2.30 -3.33	44.42 2.12 -2.37	40.55 1.86 -3.65	35.54 1.71 -0.18	32.16 1.53 0.00	31.30 1.43 0.00
ATHENS_STG_2 23670	30.03 1.16 0.00	27.80 1.02 0.00	25.48 0.98 0.00	25.42 0.95 0.00	25.29 0.90 0.00	25.32 0.93 0.00	25.48 1.00 0.00	25.44 1.03 0.00	27.63 1.22 0.00	30.26 1.30 0.00	32.00 1.44 0.00	33.63 1.60 0.00	36.76 1.78 0.00	38.66 1.90 -0.19	39.48 1.96 -0.51	36.03 1.87 -0.16	39.85 2.06 -0.34	48.47 2.41 -2.12	48.96 2.30 -3.33	44.42 2.12 -2.37	40.55 1.86 -3.65	35.54 1.71 -0.18	32.16 1.53 0.00	31.30 1.43 0.00
ATHENS_STG_3 23677	30.03 1.16 0.00	27.80 1.02 0.00	25.48 0.98 0.00	25.42 0.95 0.00	25.29 0.90 0.00	25.32 0.93 0.00	25.48 1.00 0.00	25.44 1.03 0.00	27.63 1.22 0.00	30.26 1.30 0.00	32.00 1.44 0.00	33.63 1.60 0.00	36.76 1.78 0.00	38.66 1.90 -0.19	39.48 1.96 -0.51	36.03 1.87 -0.16	39.85 2.06 -0.34	48.47 2.41 -2.12	48.96 2.30 -3.33	44.42 2.12 -2.37	40.55 1.86 -3.65	35.54 1.71 -0.18	32.16 1.53 0.00	31.30 1.43 0.00
AUBURN___LFGE 323710	29.28 0.40 0.00	27.02 0.24 0.00	24.67 0.17 0.00	24.51 0.05 0.00	24.44 0.05 0.00	24.44 0.05 0.00	24.57 0.10 0.00	24.42 0.00 0.00	26.90 0.16 -0.33	29.73 0.09 -0.69	31.59 0.31 -0.72	33.27 0.32 -0.92	36.19 0.31 -0.90	37.73 0.33 -0.83	38.09 0.33 -0.75	34.67 0.31 -0.36	37.89 0.37 -0.06	44.95 0.48 -0.52	45.15 0.56 -1.24	41.24 0.48 -0.82	35.72 0.32 -0.35	34.10 0.34 -0.13	31.11 0.37 -0.12	30.44 0.27 -0.31
BABYLON_RES_REC 323704	34.38 2.89 -2.62	33.45 2.57 -4.10	32.78 2.38 -5.90	30.03 2.28 -3.29	28.51 2.20 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.26 2.54 -2.31	33.20 2.91 -3.89	34.66 3.16 -2.55	38.22 3.24 -4.42	42.87 3.49 -7.36	44.07 3.88 -5.21	51.51 3.99 -10.96	52.55 4.18 -11.36	53.42 3.84 -15.58	59.37 4.12 -17.79	61.24 4.96 -12.34	53.63 4.51 -5.79	47.60 4.19 -3.47	42.90 3.82 -4.03	42.85 3.73 -5.48	35.63 3.64 -1.36	35.34 3.43 -2.05
BABYLON__69_KV_BK2 356345	34.82 3.32 -2.62	33.85 2.97 -4.10	33.07 2.67 -5.90	30.20 2.45 -3.29	28.68 2.37 -1.92	29.56 2.41 -2.76	27.29 2.77 -0.05	29.46 2.73 -2.31	33.55 3.25 -3.89	35.21 3.71 -2.55	38.96 4.00 -4.39	45.28 4.36 -8.90	48.09 4.79 -8.31	60.71 4.97 -19.18	65.32 5.18 -23.13	65.99 4.76 -27.22	71.15 5.13 -28.57	72.83 6.06 -22.83	57.34 5.59 -8.41	48.72 5.31 -3.47	44.11 4.77 -4.29	48.47 4.54 -10.29	36.12 4.13 -1.36	35.88 3.97 -2.05
BALL_HILL_WT_PWR 323825	29.08 0.20 0.00	26.73 -0.05 0.00	24.28 -0.22 0.00	24.07 -0.39 0.00	23.76 -0.63 0.00	23.71 -0.68 0.00	23.79 -0.69 0.00	23.68 -0.73 0.00	25.67 -0.74 0.00	28.06 -0.90 0.00	30.04 -0.52 0.00	31.23 -0.80 0.00	33.72 -1.26 0.00	35.43 -1.13 0.00	35.94 -1.07 0.00	32.92 -1.09 -0.01	36.37 -1.09 0.00	41.32 -1.98 0.64	41.30 -1.69 0.35	38.20 -1.76 -0.02	33.16 -1.93 -0.04	32.01 -1.45 0.19	29.80 -0.83 0.00	29.50 -0.36 0.00
BARON_WINDS___WT_PWR 323822	29.33 0.46 0.00	26.99 0.21 0.00	24.57 0.07 0.00	24.42 -0.05 0.00	24.17 -0.22 0.00	24.15 -0.24 0.00	24.23 -0.24 0.00	24.15 -0.27 0.00	26.25 -0.24 -0.08	28.75 -0.38 -0.17	30.65 -0.09 -0.18	31.94 -0.32 -0.23	34.61 -0.59 -0.22	36.26 -0.51 -0.21	36.68 -0.52 -0.18	33.63 -0.48 -0.10	37.02 -0.45 -0.02	42.79 -0.88 0.27	42.91 -0.65 -0.22	39.59 -0.68 -0.33	34.52 -0.84 -0.31	33.08 -0.47 0.09	30.53 -0.12 0.09	30.03 0.00 -0.08
BARRETT_IC_1 23704	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_10 23701	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_11 23702	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_12 23703	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_2 23705	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_3 23706	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_4 23707	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05

BARRETT_IC_5 23708	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_6 23709	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_7 23710	34.10 2.60 -2.62	33.24 2.36 -4.10	32.53 2.13 -5.90	29.66 1.91 -3.29	28.14 1.83 -1.92	29.03 1.88 -2.76	26.73 2.20 -0.05	28.92 2.20 -2.31	32.97 2.67 -3.89	34.54 3.04 -2.55	38.26 3.21 -4.49	42.06 3.36 -6.67	42.38 3.67 -3.73	47.49 3.88 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.94 4.66 -7.35	52.17 4.29 -4.54	47.36 3.95 -3.47	42.57 3.61 -3.91	39.75 3.47 -2.64	35.33 3.34 -1.36	35.11 3.20 -2.05
BARRETT_IC_8 23711	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT_IC_9 23700	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT___1 23545	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BARRETT___2 23546	34.10 2.60 -2.62	33.21 2.33 -4.10	32.56 2.16 -5.90	29.81 2.06 -3.29	28.27 1.95 -1.92	29.12 1.97 -2.76	26.73 2.20 -0.05	29.02 2.29 -2.31	32.97 2.67 -3.89	34.42 2.92 -2.55	38.23 3.18 -4.49	42.03 3.33 -6.67	42.38 3.67 -3.73	47.49 3.87 -7.05	46.80 4.03 -5.75	47.74 3.71 -10.03	54.08 3.97 -12.66	55.99 4.70 -7.35	52.16 4.29 -4.53	47.36 3.95 -3.47	42.46 3.50 -3.91	39.75 3.47 -2.64	35.30 3.31 -1.36	35.05 3.13 -2.05
BATAVIA__115KV_TB1 55881	29.42 0.55 0.00	26.81 0.03 0.00	24.43 -0.07 0.00	24.17 -0.29 0.00	24.00 -0.39 0.00	23.95 -0.44 0.00	23.99 -0.49 0.00	23.49 -0.93 0.00	25.80 -0.61 0.00	27.62 -1.33 0.00	29.83 -0.73 0.00	31.16 -0.86 0.00	33.97 -1.01 0.00	35.69 -0.88 0.00	36.31 -0.70 0.00	33.13 -0.88 -0.01	36.48 -0.97 0.00	41.90 -1.27 0.76	41.92 -0.91 0.51	38.76 -1.12 0.06	33.73 -1.23 0.09	32.48 -0.94 0.21	30.07 -0.55 0.00	29.68 -0.18 0.00
BAYONEEC___CTG1 323682	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG10 323750	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG2 323683	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG3 323684	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG4 323685	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG5 323686	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG6 323687	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01

BAYONEEC___CTG7 323688	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG8 323689	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BAYONEEC___CTG9 323749	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.32 1.86 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.95 2.54 0.00	31.78 2.81 -0.02	33.73 3.15 -0.02	37.84 3.43 -2.38	38.78 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.82 3.89 -5.88	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BEACON___LESR 323632	29.97 1.10 0.00	27.74 0.96 0.00	25.45 0.95 0.00	25.42 0.95 0.00	25.32 0.93 0.00	25.32 0.93 0.00	25.46 0.98 0.00	25.37 0.95 0.00	27.57 1.16 0.00	30.17 1.22 0.00	31.85 1.28 0.00	33.37 1.34 0.00	36.48 1.50 0.00	38.32 1.61 -0.15	39.07 1.67 -0.40	35.77 1.60 -0.17	39.36 1.65 -0.26	48.07 2.11 -2.03	49.06 2.12 -3.60	44.39 1.92 -2.54	40.65 1.54 -4.06	35.46 1.61 -0.21	32.00 1.38 0.00	31.14 1.28 0.00
BEAVER RIVER___HYD 24048	28.53 -0.35 0.00	26.43 -0.35 0.00	24.11 -0.39 0.00	24.07 -0.39 0.00	24.00 -0.39 0.00	24.00 -0.39 0.00	24.11 -0.37 0.00	24.00 -0.42 0.00	26.07 -0.53 -0.19	28.84 -0.52 -0.40	30.37 -0.61 -0.42	31.76 -0.80 -0.54	34.52 -0.98 -0.52	35.99 -1.06 -0.48	36.22 -1.22 -0.43	33.02 -1.19 -0.20	36.25 -1.24 -0.04	42.98 -1.23 -0.27	42.98 -1.00 -0.63	39.67 -0.68 -0.42	34.55 -0.60 -0.10	33.41 -0.30 -0.07	30.30 -0.40 -0.07	29.59 -0.45 -0.18
BEEBEE_GT_13 23619	29.02 0.14 0.00	26.62 -0.16 0.00	24.28 -0.22 0.00	24.07 -0.39 0.00	23.93 -0.46 0.00	23.90 -0.49 0.00	23.99 -0.49 0.00	23.68 -0.73 0.00	25.94 -0.48 0.00	28.03 -0.93 0.00	30.08 -0.49 0.00	31.52 -0.51 0.00	34.39 -0.59 0.00	36.05 -0.51 0.00	36.64 -0.37 0.00	33.46 -0.54 0.00	36.85 -0.60 0.00	42.43 -0.66 0.85	42.24 -0.48 0.63	39.14 -0.68 0.11	34.05 -0.81 0.19	32.80 -0.61 0.24	30.17 -0.46 0.00	29.59 -0.27 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.72 2.83 -0.02	29.36 2.57 -0.01	26.81 2.30 -0.01	26.53 2.06 -0.01	26.37 1.98 -0.01	26.34 1.95 0.00	26.78 2.30 0.00	26.71 2.30 0.00	29.21 2.80 0.00	34.98 3.33 -2.70	39.37 3.64 -5.17	39.56 3.94 -3.59	39.30 4.30 -0.02	41.87 4.46 -0.85	47.02 4.66 -5.34	48.35 4.32 -10.03	55.03 4.87 -12.70	56.97 5.67 -7.36	53.33 5.42 -4.57	48.35 4.95 -3.46	45.37 4.38 -5.94	37.82 4.00 -0.18	39.08 3.67 -4.78	33.42 3.49 -0.07
BETHLEHEM___GRP 23843	29.48 0.61 0.00	27.31 0.54 0.00	25.04 0.54 0.00	24.91 0.44 0.00	24.81 0.41 0.00	24.83 0.44 0.00	25.04 0.56 0.00	24.93 0.51 0.00	27.12 0.71 0.00	29.68 0.72 0.00	31.33 0.76 0.00	32.83 0.80 0.00	35.86 0.87 0.00	37.67 0.95 -0.15	38.37 0.96 -0.39	35.16 0.99 -0.17	38.76 1.05 -0.26	47.23 1.27 -2.02	48.24 1.30 -3.60	43.63 1.16 -2.54	40.06 0.95 -4.06	34.83 0.98 -0.21	31.45 0.83 0.00	30.64 0.78 0.00
BETHLEHEM___GS1 323560	29.48 0.61 0.00	27.29 0.51 0.00	25.06 0.56 0.00	25.03 0.56 0.00	24.93 0.54 0.00	24.93 0.54 0.00	25.04 0.56 0.00	24.98 0.56 0.00	27.13 0.71 0.00	29.62 0.67 0.00	31.27 0.70 0.00	32.80 0.77 0.00	35.86 0.87 0.00	37.66 0.95 -0.15	38.36 0.96 -0.39	35.16 0.99 -0.17	38.73 1.01 -0.26	47.23 1.28 -2.02	48.24 1.30 -3.60	43.63 1.16 -2.54	40.06 0.95 -4.06	34.83 0.98 -0.21	31.45 0.83 0.00	30.61 0.75 0.00
BETHLEHEM___GS2 323561	29.48 0.61 0.00	27.29 0.51 0.00	25.06 0.56 0.00	25.03 0.56 0.00	24.93 0.54 0.00	24.93 0.54 0.00	25.04 0.56 0.00	24.98 0.56 0.00	27.13 0.71 0.00	29.62 0.67 0.00	31.27 0.70 0.00	32.80 0.77 0.00	35.86 0.87 0.00	37.66 0.95 -0.15	38.36 0.96 -0.39	35.16 0.99 -0.17	38.73 1.01 -0.26	47.23 1.28 -2.02	48.24 1.30 -3.60	43.63 1.16 -2.54	40.06 0.95 -4.06	34.83 0.98 -0.21	31.45 0.83 0.00	30.61 0.75 0.00
BETHLEHEM___GS3 323562	29.48 0.61 0.00	27.29 0.51 0.00	25.06 0.56 0.00	25.03 0.56 0.00	24.93 0.54 0.00	24.93 0.54 0.00	25.04 0.56 0.00	24.98 0.56 0.00	27.13 0.71 0.00	29.62 0.67 0.00	31.27 0.70 0.00	32.80 0.77 0.00	35.86 0.87 0.00	37.66 0.95 -0.15	38.36 0.96 -0.39	35.16 0.99 -0.17	38.73 1.01 -0.26	47.23 1.28 -2.02	48.24 1.30 -3.60	43.63 1.16 -2.54	40.06 0.95 -4.06	34.83 0.98 -0.21	31.45 0.83 0.00	30.61 0.75 0.00
BETHLEHEM___STEEL 23779	28.96 0.09 0.00	26.40 -0.37 0.00	24.08 -0.42 0.00	23.78 -0.69 0.00	23.61 -0.78 0.00	23.56 -0.83 0.00	23.67 -0.81 0.00	23.15 -1.27 0.00	25.51 -0.90 0.00	27.30 -1.65 0.00	29.56 -1.01 0.00	30.81 -1.22 0.00	33.55 -1.43 0.00	35.28 -1.28 0.00	35.79 -1.22 0.00	32.79 -1.22 -0.01	36.03 -1.42 0.00	41.04 -2.24 0.66	40.97 -1.99 0.37	37.91 -2.04 -0.01	33.01 -2.07 -0.02	31.67 -1.78 0.19	29.58 -1.04 0.00	29.29 -0.57 0.00
BETHLHEM_115KV_TB1 79974	29.54 0.66 0.00	27.37 0.59 0.00	25.11 0.61 0.00	24.95 0.49 0.00	24.85 0.46 0.00	24.88 0.49 0.00	25.09 0.61 0.00	24.98 0.56 0.00	27.18 0.77 0.00	29.73 0.78 0.00	31.39 0.83 0.00	32.89 0.86 0.00	35.92 0.94 0.00	37.74 1.02 -0.15	38.47 1.07 -0.39	35.26 1.09 -0.17	38.84 1.12 -0.26	47.32 1.36 -2.02	48.33 1.39 -3.60	43.71 1.24 -2.54	40.16 1.05 -4.06	34.93 1.08 -0.21	31.51 0.89 0.00	30.70 0.84 0.00
BETHPAGE_CC_5 323564	34.21 2.71 -2.62	33.29 2.41 -4.10	32.63 2.23 -5.90	29.90 2.15 -3.29	28.36 2.05 -1.92	29.25 2.10 -2.76	26.86 2.33 -0.05	29.14 2.42 -2.31	33.07 2.77 -3.89	34.54 3.04 -2.55	38.40 3.39 -4.44	42.52 3.65 -6.84	43.15 4.02 -4.15	49.01 4.28 -8.17	48.81 4.44 -7.36	49.70 4.08 -11.62	55.92 4.34 -14.13	57.89 5.18 -8.77	52.96 4.72 -4.89	47.76 4.35 -3.47	42.85 3.86 -3.94	41.58 3.73 -4.20	35.45 3.46 -1.36	35.20 3.28 -2.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.02 0.14 0.00	26.46 -0.32 0.00	24.13 -0.37 0.00	23.81 -0.66 0.00	23.66 -0.73 0.00	23.61 -0.78 0.00	23.72 -0.76 0.00	23.22 -1.20 0.00	25.57 -0.85 0.00	27.39 -1.56 0.00	29.65 -0.92 0.00	30.91 -1.12 0.00	33.65 -1.33 0.00	35.36 -1.21 0.00	35.90 -1.11 0.00	32.89 -1.12 -0.01	36.14 -1.31 0.00	41.05 -2.24 0.65	41.03 -1.95 0.36	37.91 -2.04 -0.02	33.05 -2.03 -0.03	31.67 -1.78 0.19	29.68 -0.95 0.00	29.35 -0.51 0.00

BINGHAMTON___COGEN 23790	29.45 0.58 0.00	27.18 0.40 0.00	24.82 0.32 0.00	24.61 0.15 0.00	24.49 0.10 0.00	24.51 0.12 0.00	24.70 0.22 0.00	24.51 0.10 0.00	26.85 0.29 -0.15	29.47 0.20 -0.31	31.31 0.43 -0.32	32.82 0.38 -0.41	35.80 0.42 -0.40	37.33 0.44 -0.33	37.71 0.48 -0.22	34.63 0.44 -0.18	37.93 0.52 0.05	44.41 0.48 0.01	44.71 0.52 -0.85	41.01 0.44 -0.63	36.10 0.32 -0.74	34.01 0.34 -0.03	31.17 0.49 -0.05	30.48 0.48 -0.14
BIXINCNT_115KV_LOAD 355685	28.93 0.06 0.00	26.38 -0.40 0.00	23.99 -0.51 0.00	23.71 -0.76 0.00	23.54 -0.85 0.00	23.46 -0.93 0.00	23.72 -0.76 0.00	23.22 -1.20 0.00	25.54 -0.87 0.00	27.45 -1.51 0.00	29.68 -0.89 0.00	30.71 -1.31 0.00	33.41 -1.57 0.00	35.10 -1.46 0.00	35.72 -1.30 0.00	32.76 -1.26 -0.01	35.92 -1.54 0.00	40.62 -2.72 0.60	40.62 -2.43 0.29	37.71 -2.28 -0.05	32.93 -2.21 -0.09	31.52 -1.95 0.17	29.71 -0.92 0.00	29.29 -0.57 0.00
BLACK RIVER___HYD 24047	28.67 -0.20 0.00	26.56 -0.22 0.00	24.21 -0.29 0.00	24.15 -0.32 0.00	24.05 -0.34 0.00	24.05 -0.34 0.00	24.13 -0.34 0.00	24.00 -0.42 0.00	26.18 -0.56 -0.32	29.14 -0.49 -0.68	30.72 -0.55 -0.71	32.14 -0.80 -0.91	34.85 -1.02 -0.88	36.29 -1.10 -0.82	36.53 -1.22 -0.74	33.13 -1.22 -0.35	36.24 -1.27 -0.06	43.38 -1.18 -0.63	43.73 -0.82 -1.21	40.21 -0.48 -0.75	34.83 -0.46 -0.23	33.73 -0.07 -0.16	30.53 -0.21 -0.12	29.90 -0.27 -0.30
BLACKRVR_115KV_TB2 79977	28.67 -0.20 0.00	26.54 -0.24 0.00	24.18 -0.32 0.00	24.12 -0.34 0.00	24.05 -0.34 0.00	24.05 -0.34 0.00	24.13 -0.34 0.00	23.95 -0.46 0.00	26.18 -0.55 -0.32	29.12 -0.52 -0.68	30.69 -0.58 -0.71	32.14 -0.80 -0.91	34.85 -1.01 -0.88	36.29 -1.10 -0.82	36.53 -1.22 -0.74	33.13 -1.22 -0.35	36.24 -1.27 -0.06	43.38 -1.19 -0.63	43.73 -0.82 -1.21	40.20 -0.48 -0.75	34.83 -0.46 -0.23	33.70 -0.10 -0.16	30.53 -0.21 -0.12	29.81 -0.36 -0.30
BLISS_WT_PWR 323608	28.87 0.00 0.00	26.46 -0.32 0.00	23.98 -0.52 0.00	23.81 -0.66 0.00	23.51 -0.88 0.00	23.41 -0.98 0.00	23.64 -0.83 0.00	23.49 -0.93 0.00	25.46 -0.95 0.00	27.85 -1.10 0.00	29.89 -0.67 0.00	30.78 -1.25 0.00	33.23 -1.75 0.00	34.92 -1.64 0.00	35.60 -1.41 0.00	32.65 -1.36 -0.01	35.92 -1.54 0.00	40.44 -2.90 0.60	40.49 -2.56 0.29	37.59 -2.40 -0.05	32.72 -2.42 -0.09	31.58 -1.88 0.17	29.64 -0.98 0.00	29.26 -0.60 0.00
BLUESTONE___WT_PWR 323821	30.98 2.11 0.00	28.62 1.85 0.00	26.04 1.54 0.00	25.98 1.52 0.00	25.83 1.44 0.00	25.88 1.49 0.00	26.04 1.57 0.00	26.00 1.59 0.00	28.23 1.69 -0.13	31.10 1.88 -0.27	32.86 2.02 -0.28	34.21 1.82 -0.35	37.32 1.99 -0.34	38.85 2.01 -0.27	38.95 1.78 -0.17	35.83 1.67 -0.16	39.45 2.06 0.06	46.42 2.46 -0.03	46.92 2.69 -0.89	43.14 2.56 -0.64	37.95 2.07 -0.83	36.07 2.39 -0.04	32.85 2.17 -0.05	32.10 2.12 -0.12
BLUE_CIRC_CHEM_DRP 24182	29.88 1.01 0.00	27.69 0.91 0.00	25.36 0.86 0.00	25.25 0.78 0.00	25.15 0.76 0.00	25.15 0.76 0.00	25.36 0.88 0.00	25.17 0.76 0.00	27.36 0.95 0.00	29.94 0.98 0.00	31.57 1.01 0.00	33.02 0.99 0.00	36.06 1.08 0.00	37.83 1.13 -0.13	38.51 1.15 -0.35	35.33 1.16 -0.17	38.96 1.27 -0.23	47.48 1.63 -1.92	48.54 1.69 -3.51	44.00 1.60 -2.47	40.36 1.33 -3.97	35.22 1.38 -0.20	31.82 1.19 0.00	31.03 1.16 0.00
BOC_GAS_DRP 24189	29.68 0.81 0.00	27.50 0.72 0.00	25.21 0.71 0.00	25.05 0.59 0.00	24.95 0.56 0.00	24.98 0.59 0.00	25.21 0.73 0.00	25.07 0.66 0.00	27.26 0.85 0.00	29.88 0.93 0.00	31.54 0.98 0.00	33.08 1.06 0.00	36.13 1.15 0.00	37.95 1.24 -0.14	38.69 1.30 -0.38	35.43 1.26 -0.17	39.05 1.35 -0.25	47.51 1.58 -1.99	48.48 1.56 -3.58	43.89 1.44 -2.52	40.32 1.23 -4.04	35.06 1.21 -0.21	31.67 1.04 0.00	30.88 1.02 0.00
BOONVILLE_115KV_TB1 79983	29.51 0.64 0.00	27.31 0.54 0.00	24.94 0.44 0.00	24.86 0.39 0.00	24.78 0.39 0.00	24.81 0.41 0.00	24.94 0.47 0.00	24.81 0.39 0.00	26.95 0.45 -0.09	29.67 0.52 -0.19	31.31 0.55 -0.20	32.70 0.42 -0.26	35.68 0.45 -0.25	37.23 0.44 -0.23	37.51 0.30 -0.21	34.34 0.24 -0.10	37.81 0.34 -0.02	44.61 0.53 -0.14	44.37 0.69 -0.33	40.88 0.72 -0.22	35.70 0.56 -0.08	34.45 0.77 -0.03	31.30 0.64 -0.03	30.49 0.54 -0.09
BORALEX_4TH_BRANCH 23824	30.46 1.59 0.00	28.20 1.42 0.00	25.85 1.35 0.00	25.66 1.20 0.00	25.59 1.20 0.00	25.59 1.20 0.00	25.87 1.40 0.00	25.66 1.25 0.00	27.92 1.51 0.00	30.63 1.68 0.00	32.25 1.68 0.00	33.79 1.76 0.00	36.87 1.89 0.00	38.79 2.05 -0.17	39.58 2.11 -0.46	36.22 2.04 -0.17	40.00 2.25 -0.30	48.72 2.64 -2.15	49.63 2.64 -3.65	44.99 2.48 -2.58	41.19 2.07 -4.07	35.93 2.09 -0.21	32.40 1.78 0.00	31.62 1.76 0.00
BOWLINE___1 23526	30.75 1.88 0.00	28.47 1.69 0.00	26.09 1.59 0.00	25.96 1.49 0.00	25.81 1.41 0.00	25.83 1.44 0.00	26.14 1.67 0.00	26.15 1.73 0.00	28.42 2.01 0.00	31.13 2.17 0.00	32.98 2.41 0.00	34.65 2.63 0.00	37.92 2.94 0.00	38.12 3.11 1.55	36.20 3.26 4.07	37.06 3.09 0.04	38.12 3.37 2.71	40.50 3.96 7.39	45.75 3.68 1.27	41.76 3.35 1.53	39.38 2.98 -1.35	36.49 2.69 -0.16	33.16 2.54 0.00	32.25 2.39 0.00
BOWLINE___2 23595	30.75 1.88 0.00	28.44 1.66 0.00	26.09 1.59 0.00	25.96 1.49 0.00	25.81 1.41 0.00	25.83 1.44 0.00	26.14 1.67 0.00	26.15 1.73 0.00	28.42 2.01 0.00	31.13 2.17 0.00	32.98 2.41 0.00	34.62 2.59 0.00	37.88 2.90 0.00	38.08 3.07 1.55	36.19 3.26 4.08	37.03 3.06 0.04	38.12 3.37 2.71	40.49 3.96 7.40	45.75 3.68 1.27	41.76 3.35 1.53	39.38 2.98 -1.35	36.49 2.69 -0.16	33.14 2.51 0.00	32.22 2.36 0.00
BRADY___115KV_TB2 356060	28.04 -0.84 0.00	26.06 -0.72 0.00	23.84 -0.66 0.00	24.03 -0.44 0.00	24.00 -0.39 0.00	23.93 -0.46 0.00	23.89 -0.59 0.00	23.98 -0.44 0.00	25.65 -0.77 0.00	28.14 -0.81 0.00	29.49 -1.07 0.00	30.87 -1.15 0.00	33.72 -1.26 0.00	35.10 -1.46 0.00	35.42 -1.59 0.00	32.37 -1.63 0.00	35.66 -1.80 0.00	41.96 -1.98 0.00	41.35 -1.99 0.00	38.34 -1.60 0.00	33.79 -1.26 0.00	32.46 -1.18 0.00	29.49 -1.13 0.00	28.73 -1.13 0.00
BRANSCOMB___SOLAR 323811	30.52 1.64 0.00	28.22 1.45 0.00	25.82 1.32 0.00	25.79 1.32 0.00	25.66 1.27 0.00	25.66 1.27 0.00	25.85 1.37 0.00	25.68 1.27 0.00	27.89 1.48 0.00	30.63 1.68 0.00	32.21 1.65 0.00	33.66 1.63 0.00	36.83 1.85 0.00	38.54 1.83 -0.14	39.20 1.81 -0.38	35.95 1.77 -0.17	39.50 1.80 -0.25	48.30 2.33 -2.03	49.71 2.69 -3.68	45.01 2.48 -2.59	41.32 2.10 -4.17	36.08 2.22 -0.21	32.49 1.87 0.00	31.62 1.76 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.53 3.03 -2.62	33.64 2.76 -4.10	32.90 2.50 -5.90	30.05 2.30 -3.29	28.56 2.24 -1.92	29.42 2.27 -2.76	27.17 2.64 -0.05	29.34 2.61 -2.31	33.36 3.06 -3.89	34.95 3.45 -2.55	38.54 3.67 -4.31	44.78 3.91 -8.85	47.69 4.34 -8.37	60.24 4.35 -19.33	64.91 4.55 -23.35	65.62 4.18 -27.44	70.71 4.49 -28.77	72.27 5.32 -23.02	56.65 4.85 -8.46	48.24 4.83 -3.47	43.66 4.31 -4.30	59.90 4.17 -22.09	35.79 3.80 -1.36	35.55 3.64 -2.05

BRISTLHL_115KV_TB1 79998	28.56 -0.32 0.00	26.48 -0.29 0.00	24.21 -0.29 0.00	24.07 -0.39 0.00	23.98 -0.41 0.00	23.98 -0.41 0.00	24.08 -0.39 0.00	23.90 -0.51 0.00	26.70 -0.42 -0.71	29.96 -0.49 -1.50	31.72 -0.40 -1.55	33.58 -0.45 -2.00	36.40 -0.52 -1.94	37.86 -0.51 -1.81	38.11 -0.52 -1.62	34.29 -0.48 -0.76	37.06 -0.52 -0.13	44.97 -0.62 -1.64	45.66 -0.56 -2.88	41.11 -0.52 -1.69	35.12 -0.53 -0.60	33.59 -0.47 -0.42	30.52 -0.37 -0.26	30.08 -0.45 -0.67
BROOKHAVEN___DRP 24191	34.44 2.95 -2.62	33.50 2.62 -4.10	32.75 2.35 -5.90	29.88 2.13 -3.29	28.39 2.07 -1.92	29.27 2.12 -2.76	27.00 2.47 -0.05	29.17 2.44 -2.31	33.23 2.93 -3.89	34.89 3.39 -2.55	38.67 3.70 -4.40	53.81 4.04 -17.74	65.22 4.48 -25.76	106.56 4.75 -65.24	131.13 4.96 -89.16	131.08 4.52 -92.55	131.33 4.87 -89.01	131.39 5.80 -81.65	71.81 5.33 -23.14	48.37 4.95 -3.48	45.23 4.42 -5.76	46.21 4.14 -8.43	35.76 3.77 -1.36	35.50 3.58 -2.05
BROOKLYN_NAVY_YARD 23515	31.30 2.43 0.00	28.89 2.12 0.00	26.46 1.96 0.00	26.30 1.84 0.00	26.12 1.73 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.59 2.17 0.00	28.97 2.56 0.00	31.78 2.81 -0.02	33.76 3.18 -0.02	37.93 3.52 -2.38	38.81 3.81 -0.02	41.51 4.09 -0.85	46.57 4.22 -5.34	47.98 3.94 -10.03	54.52 4.42 -12.65	56.38 5.14 -7.31	52.76 4.90 -4.52	47.83 4.43 -3.46	44.89 3.96 -5.88	37.34 3.53 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
BROOKLYN___ARMY_DRP 323595	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
BROOKVLE_69_KV_TB1 55790	34.47 2.97 -2.62	33.56 2.68 -4.10	32.83 2.43 -5.90	29.93 2.18 -3.29	28.41 2.10 -1.92	29.29 2.15 -2.76	27.00 2.47 -0.05	29.22 2.49 -2.31	33.31 3.01 -3.89	34.98 3.47 -2.55	38.90 3.85 -4.49	42.83 4.13 -6.67	43.19 4.48 -3.73	48.41 4.79 -7.05	47.72 4.96 -5.75	48.56 4.52 -10.03	54.98 4.87 -12.66	56.95 5.67 -7.35	53.12 5.24 -4.54	48.24 4.83 -3.47	43.48 4.52 -3.91	40.49 4.21 -2.64	35.79 3.80 -1.36	35.55 3.64 -2.05
BROOME_2_LFGE 323671	29.45 0.58 0.00	27.23 0.45 0.00	24.84 0.34 0.00	24.74 0.27 0.00	24.59 0.19 0.00	24.59 0.19 0.00	24.70 0.22 0.00	24.66 0.24 0.00	26.85 0.29 -0.15	29.58 0.32 -0.31	31.37 0.49 -0.32	32.89 0.45 -0.41	35.80 0.42 -0.40	37.33 0.44 -0.33	37.71 0.48 -0.22	34.63 0.44 -0.18	37.97 0.56 0.05	44.41 0.48 0.01	44.71 0.52 -0.85	41.01 0.44 -0.63	36.07 0.28 -0.74	34.04 0.37 -0.03	31.17 0.49 -0.05	30.51 0.51 -0.14
BROOME___LFGE 323600	29.45 0.58 0.00	27.23 0.45 0.00	24.84 0.34 0.00	24.74 0.27 0.00	24.59 0.19 0.00	24.59 0.19 0.00	24.70 0.22 0.00	24.66 0.24 0.00	26.85 0.29 -0.15	29.58 0.32 -0.31	31.37 0.49 -0.32	32.89 0.45 -0.41	35.80 0.42 -0.40	37.33 0.44 -0.33	37.71 0.48 -0.22	34.63 0.44 -0.18	37.97 0.56 0.05	44.41 0.48 0.01	44.71 0.52 -0.85	41.01 0.44 -0.63	36.07 0.28 -0.74	34.04 0.37 -0.03	31.17 0.49 -0.05	30.51 0.51 -0.14
BROWNFLS_115KV_TB_3_5 80003	27.78 -1.10 0.00	25.79 -0.99 0.00	23.54 -0.96 0.00	23.61 -0.86 0.00	23.56 -0.83 0.00	23.54 -0.85 0.00	23.57 -0.91 0.00	23.56 -0.85 0.00	25.46 -1.08 -0.13	28.10 -1.13 -0.28	29.53 -1.31 -0.28	30.92 -1.47 -0.37	33.69 -1.64 -0.36	35.07 -1.83 -0.33	35.35 -1.96 -0.30	32.21 -1.94 -0.14	35.38 -2.10 -0.02	41.88 -2.24 -0.19	41.65 -2.12 -0.43	38.46 -1.76 -0.29	33.65 -1.47 -0.07	32.44 -1.24 -0.05	29.42 -1.26 -0.05	28.67 -1.31 -0.12
BROWNSV1_27_KV_LOAD 356125	31.59 2.71 0.00	29.22 2.44 0.00	26.68 2.18 0.00	26.40 1.93 0.00	26.24 1.85 0.00	26.29 1.90 0.00	26.75 2.28 0.00	26.73 2.32 0.00	29.24 2.83 0.00	32.24 3.27 -0.02	34.09 3.51 -0.02	38.22 3.81 -2.38	39.19 4.20 -0.02	41.87 4.46 -0.85	47.02 4.66 -5.34	48.35 4.32 -10.03	54.93 4.83 -12.65	56.87 5.62 -7.31	53.19 5.33 -4.52	48.27 4.87 -3.46	45.31 4.38 -5.88	37.71 3.90 -0.17	34.22 3.58 -0.01	33.30 3.43 -0.01
BURROWS___LYONSDAL 23803	29.31 0.43 0.00	27.15 0.37 0.00	24.79 0.29 0.00	24.71 0.24 0.00	24.64 0.24 0.00	24.66 0.27 0.00	24.77 0.29 0.00	24.66 0.24 0.00	26.79 0.26 -0.11	29.51 0.32 -0.23	31.11 0.31 -0.24	32.53 0.19 -0.31	35.46 0.17 -0.30	36.99 0.15 -0.28	37.26 0.00 -0.25	34.09 -0.03 -0.12	37.51 0.04 -0.02	44.32 0.22 -0.17	44.08 0.35 -0.39	40.67 0.48 -0.26	35.49 0.35 -0.09	34.25 0.57 -0.04	31.09 0.43 -0.04	30.29 0.33 -0.10
CAITHNESS_CC_1 323624	34.41 2.91 -2.62	33.45 2.57 -4.10	32.75 2.35 -5.90	30.03 2.28 -3.29	28.51 2.20 -1.92	29.37 2.22 -2.76	27.00 2.47 -0.05	29.26 2.54 -2.31	33.20 2.91 -3.89	34.74 3.24 -2.55	38.58 3.60 -4.41	53.65 3.94 -17.68	64.98 4.37 -25.63	106.11 4.64 -64.90	130.49 4.81 -88.67	130.49 4.42 -92.07	130.74 4.72 -88.56	130.86 5.71 -81.21	71.61 5.24 -23.03	48.25 4.83 -3.48	45.01 4.20 -5.75	46.10 4.04 -8.43	35.66 3.67 -1.36	35.37 3.46 -2.05
CALPINE BETH_PAGE_GT4 24209	34.21 2.71 -2.62	33.32 2.44 -4.10	32.60 2.20 -5.90	29.73 1.98 -3.29	28.24 1.93 -1.92	29.10 1.95 -2.76	26.83 2.30 -0.05	29.02 2.30 -2.31	33.07 2.77 -3.89	34.69 3.18 -2.55	38.48 3.45 -4.46	42.49 3.65 -6.81	43.05 4.02 -4.05	48.75 4.28 -7.91	48.44 4.44 -6.98	49.33 4.08 -11.25	55.58 4.34 -13.79	57.48 5.10 -8.44	52.79 4.64 -4.81	47.72 4.31 -3.47	42.95 3.96 -3.93	41.15 3.70 -3.81	35.48 3.49 -1.36	35.26 3.34 -2.05
CALPINE_BETH_PAGE_GT_4 323586	34.21 2.71 -2.62	33.29 2.41 -4.10	32.63 2.23 -5.90	29.88 2.13 -3.29	28.36 2.05 -1.92	29.22 2.07 -2.76	26.83 2.30 -0.05	29.12 2.39 -2.31	33.07 2.77 -3.89	34.54 3.04 -2.55	38.45 3.42 -4.46	42.45 3.62 -6.81	43.05 4.02 -4.05	48.75 4.28 -7.91	48.43 4.44 -6.98	49.33 4.08 -11.25	55.55 4.31 -13.79	57.52 5.14 -8.44	52.83 4.68 -4.81	47.72 4.31 -3.47	42.81 3.82 -3.93	41.15 3.70 -3.81	35.45 3.46 -1.36	35.20 3.28 -2.05
CALPINE_BP_GT1 23823	34.21 2.71 -2.62	33.29 2.41 -4.10	32.63 2.23 -5.90	29.88 2.13 -3.29	28.36 2.05 -1.92	29.22 2.07 -2.76	26.83 2.30 -0.05	29.12 2.39 -2.31	33.07 2.77 -3.89	34.54 3.04 -2.55	38.45 3.42 -4.46	42.45 3.62 -6.81	43.05 4.02 -4.05	48.75 4.28 -7.91	48.43 4.44 -6.98	49.33 4.08 -11.25	55.55 4.31 -13.79	57.52 5.14 -8.44	52.83 4.68 -4.81	47.72 4.31 -3.47	42.81 3.82 -3.93	41.15 3.70 -3.81	35.45 3.46 -1.36	35.20 3.28 -2.05
CALSPAN___DRP 24200	28.96 0.09 0.00	26.40 -0.37 0.00	24.08 -0.42 0.00	23.78 -0.69 0.00	23.61 -0.78 0.00	23.56 -0.83 0.00	23.67 -0.81 0.00	23.15 -1.27 0.00	25.51 -0.90 0.00	27.30 -1.65 0.00	29.56 -1.01 0.00	30.81 -1.22 0.00	33.55 -1.43 0.00	35.28 -1.28 0.00	35.79 -1.22 0.00	32.79 -1.22 -0.01	36.03 -1.42 0.00	41.04 -2.24 0.66	40.97 -1.99 0.37	37.91 -2.04 -0.01	33.01 -2.07 -0.02	31.67 -1.78 0.19	29.58 -1.04 0.00	29.29 -0.57 0.00

CALVERTON___SOLAR 323806	34.53 3.03 -2.62	33.51 2.63 -4.10	32.80 2.40 -5.90	30.05 2.30 -3.29	28.53 2.22 -1.92	29.39 2.24 -2.76	27.03 2.50 -0.05	29.29 2.56 -2.31	33.26 2.96 -3.89	34.86 3.36 -2.55	38.73 3.76 -4.40	53.96 4.16 -17.77	65.41 4.62 -25.81	106.88 4.93 -65.39	131.52 5.14 -89.37	131.46 4.69 -92.76	131.71 5.05 -89.20	131.84 6.07 -81.83	72.12 5.59 -23.18	48.57 5.15 -3.48	45.27 4.45 -5.77	46.31 4.24 -8.43	35.82 3.83 -1.36	35.49 3.58 -2.05
CANDIGU_WT_PWR 323617	29.33 0.46 0.00	26.99 0.21 0.00	24.57 0.07 0.00	24.42 -0.05 0.00	24.17 -0.22 0.00	24.15 -0.24 0.00	24.23 -0.24 0.00	24.15 -0.27 0.00	26.25 -0.24 -0.08	28.75 -0.38 -0.17	30.65 -0.09 -0.18	31.94 -0.32 -0.23	34.61 -0.59 -0.22	36.26 -0.51 -0.21	36.68 -0.52 -0.18	33.63 -0.48 -0.10	37.02 -0.45 -0.02	42.79 -0.88 0.27	42.91 -0.65 -0.22	39.59 -0.68 -0.33	34.52 -0.84 -0.31	33.08 -0.47 0.09	30.53 -0.12 -0.03	30.03 0.09 -0.08
CARR STREET_E_SYR 24060	28.82 -0.06 0.00	26.73 -0.05 0.00	24.40 -0.10 0.00	24.34 -0.12 0.00	24.22 -0.17 0.00	24.20 -0.20 0.00	24.28 -0.20 0.00	24.20 -0.22 0.00	26.44 -0.18 -0.21	29.23 -0.17 -0.45	30.97 -0.06 -0.47	32.44 -0.19 -0.60	35.32 -0.24 -0.58	36.85 -0.25 -0.54	37.28 -0.22 -0.49	34.03 -0.20 -0.23	37.27 -0.22 -0.04	43.62 -0.26 0.06	43.56 -0.22 -0.43	40.07 -0.28 -0.41	34.75 -0.32 -0.02	33.38 -0.23 0.03	30.61 -0.09 -0.08	29.94 -0.12 -0.20
CARTHAGE___PAPER 23857	28.53 -0.35 0.00	26.43 -0.35 0.00	24.11 -0.39 0.00	24.05 -0.42 0.00	23.98 -0.41 0.00	23.98 -0.41 0.00	24.08 -0.39 0.00	23.95 -0.46 0.00	26.08 -0.61 -0.27	28.95 -0.58 -0.58	30.49 -0.67 -0.59	31.90 -0.90 -0.76	34.64 -1.08 -0.74	36.08 -1.17 -0.69	36.30 -1.33 -0.62	33.00 -1.29 -0.29	36.16 -1.35 -0.05	43.00 -1.32 -0.38	43.23 -1.00 -0.89	39.88 -0.64 -0.59	34.61 -0.56 -0.12	33.50 -0.23 -0.09	30.36 -0.37 -0.10	29.70 -0.42 -0.26
CASSADAGA_WT_PWR 323784	29.45 0.58 0.00	27.02 0.24 0.00	24.57 0.07 0.00	24.37 -0.10 0.00	24.03 -0.37 0.00	24.00 -0.39 0.00	24.16 -0.32 0.00	24.10 -0.32 0.00	26.12 -0.29 0.00	28.58 -0.38 0.00	30.59 0.03 0.00	31.71 -0.32 0.00	34.18 -0.80 0.00	35.83 -0.73 0.00	36.20 -0.81 0.00	33.23 -0.78 -0.01	36.74 -0.71 0.00	41.71 -1.62 0.61	41.82 -1.21 0.31	38.66 -1.32 -0.04	33.58 -1.54 -0.08	32.42 -1.04 0.18	30.26 -0.37 0.00	29.92 0.06 0.00
CE_DUNWOOD___DRP 24194	31.01 2.14 0.00	28.73 1.95 0.00	26.26 1.76 0.00	26.01 1.54 0.00	25.88 1.49 0.00	25.90 1.51 0.00	26.34 1.86 0.00	26.27 1.86 0.00	28.68 2.27 0.00	31.59 2.63 0.00	33.41 2.84 0.00	35.13 3.11 0.00	38.41 3.43 0.00	41.07 3.62 -0.89	46.31 3.81 -5.49	47.61 3.57 -10.03	54.17 3.97 -12.75	56.15 4.61 -7.60	52.32 4.33 -4.64	47.46 3.95 -3.57	42.54 3.54 -3.95	36.97 3.16 -0.16	33.50 2.88 0.00	32.61 2.75 0.00
CE_MILLWOOD___DRP 24193	30.95 2.08 0.00	28.65 1.87 0.00	26.21 1.71 0.00	25.96 1.49 0.00	25.81 1.41 0.00	25.85 1.46 0.00	26.26 1.79 0.00	26.20 1.78 0.00	28.60 2.19 0.00	31.47 2.52 0.00	33.28 2.72 0.00	35.01 2.98 0.00	38.27 3.29 0.00	41.05 3.51 -0.97	46.39 3.66 -5.71	47.51 3.47 -10.04	54.17 3.82 -12.89	56.43 4.44 -8.06	52.38 4.20 -4.84	47.51 3.83 -3.74	42.51 3.43 -4.02	36.83 3.03 -0.16	33.41 2.79 0.00	32.52 2.66 0.00
CE_NYC2_DRP 24202	31.39 2.51 0.00	29.05 2.28 0.00	26.56 2.06 0.00	26.28 1.81 0.00	26.12 1.73 0.00	26.10 1.71 0.00	26.56 2.08 0.00	26.49 2.08 0.00	28.97 2.56 0.00	32.01 3.04 -0.02	33.88 3.30 -0.02	38.00 3.52 -2.45	38.84 3.85 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.48 4.38 -12.65	56.30 5.05 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.91 3.93 -5.94	37.45 3.63 -0.17	33.97 3.34 -0.01	33.06 3.20 -0.01
CE_NYC_DRP 24195	31.33 2.45 0.00	28.97 2.20 0.00	26.48 1.98 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.10 1.71 0.00	26.58 2.10 0.00	26.54 2.12 0.00	29.00 2.59 0.00	31.98 3.01 -0.02	33.82 3.24 -0.02	37.91 3.52 -2.36	38.88 3.88 -0.02	41.54 4.13 -0.85	46.61 4.26 -5.34	48.05 4.01 -10.03	54.56 4.46 -12.65	56.43 5.18 -7.31	52.76 4.90 -4.52	47.87 4.47 -3.46	44.95 4.03 -5.86	37.38 3.57 -0.17	33.91 3.28 -0.01	33.03 3.17 -0.01
CHAFFEE___LFGE 323603	29.05 0.17 0.00	26.67 -0.11 0.00	24.23 -0.27 0.00	24.03 -0.44 0.00	23.71 -0.68 0.00	23.66 -0.73 0.00	23.74 -0.73 0.00	23.61 -0.81 0.00	25.59 -0.82 0.00	27.97 -0.98 0.00	30.02 -0.55 0.00	31.19 -0.83 0.00	33.69 -1.29 0.00	35.43 -1.13 0.00	35.97 -1.04 0.00	32.96 -1.05 -0.01	36.40 -1.05 0.00	41.25 -2.06 0.63	41.23 -1.78 0.33	38.09 -1.88 -0.03	33.07 -2.03 -0.06	31.91 -1.55 0.18	29.74 -0.89 0.00	29.44 -0.42 0.00
CHATEAUG_35_KV_LOAD 355732	28.24 -0.64 0.00	26.27 -0.51 0.00	24.01 -0.49 0.00	24.20 -0.27 0.00	24.15 -0.24 0.00	24.10 -0.29 0.00	24.04 -0.44 0.00	24.15 -0.44 0.00	25.91 -0.50 0.00	28.40 -0.55 0.00	29.77 -0.79 0.00	31.23 -0.80 0.00	34.11 -0.87 0.00	35.54 -1.02 0.00	35.75 -1.26 0.00	32.68 -1.33 0.00	35.99 -1.46 0.00	42.31 -1.63 0.00	41.61 -1.73 0.00	38.50 -1.44 0.00	33.89 -1.16 0.00	32.50 -1.14 0.00	29.49 -1.13 0.00	28.67 -1.19 0.00
CHATEAUG_WT_PWR 323614	28.27 -0.61 0.00	26.27 -0.51 0.00	24.03 -0.47 0.00	24.00 -0.47 0.00	24.00 -0.39 0.00	23.98 -0.41 0.00	24.04 -0.44 0.00	24.02 -0.39 0.00	25.91 -0.50 0.00	28.40 -0.55 0.00	29.77 -0.79 0.00	31.23 -0.80 0.00	34.14 -0.84 0.00	35.54 -1.02 0.00	35.75 -1.26 0.00	32.68 -1.33 0.00	35.99 -1.46 0.00	42.31 -1.62 0.00	41.61 -1.73 0.00	38.50 -1.44 0.00	33.96 -1.09 0.00	32.53 -1.11 0.00	29.55 -1.07 0.00	28.70 -1.17 0.00
CHAT_HIGH_FALL_HYD 323578	28.24 -0.64 0.00	26.27 -0.51 0.00	24.01 -0.49 0.00	24.20 -0.27 0.00	24.15 -0.24 0.00	24.10 -0.29 0.00	24.04 -0.44 0.00	24.15 -0.44 0.00	25.91 -0.50 0.00	28.40 -0.55 0.00	29.77 -0.79 0.00	31.23 -0.80 0.00	34.11 -0.87 0.00	35.54 -1.02 0.00	35.75 -1.26 0.00	32.68 -1.33 0.00	35.99 -1.46 0.00	42.31 -1.63 0.00	41.61 -1.73 0.00	38.50 -1.44 0.00	33.89 -1.16 0.00	32.50 -1.14 0.00	29.49 -1.13 0.00	28.67 -1.19 0.00
CHAUTAUQUA___LFGE 323629	29.36 0.49 0.00	26.97 0.19 0.00	24.50 0.00 0.00	24.30 -0.17 0.00	23.98 -0.41 0.00	23.93 -0.46 0.00	24.04 -0.44 0.00	23.95 -0.46 0.00	25.96 -0.45 0.00	28.37 -0.58 0.00	30.41 -0.15 0.00	31.55 -0.48 0.00	34.07 -0.91 0.00	35.76 -0.80 0.00	36.23 -0.78 0.00	33.20 -0.82 -0.01	36.70 -0.75 0.00	41.69 -1.62 0.63	41.75 -1.26 0.33	38.56 -1.40 -0.03	33.49 -1.61 -0.05	32.35 -1.11 0.18	30.10 -0.52 0.00	29.77 -0.09 0.00
CHERRYST_13_KV_LD 356241	31.44 2.57 0.00	29.08 2.30 0.00	26.56 2.06 0.00	26.30 1.83 0.00	26.15 1.76 0.00	26.17 1.78 0.00	26.65 2.18 0.00	26.64 2.22 0.00	29.11 2.69 0.00	32.10 3.13 -0.02	33.94 3.36 -0.02	38.04 3.65 -2.36	39.02 4.02 -0.02	41.69 4.28 -0.85	46.80 4.44 -5.34	48.18 4.15 -10.03	54.75 4.64 -12.65	56.61 5.36 -7.31	52.97 5.11 -4.52	48.03 4.63 -3.46	45.09 4.17 -5.86	37.51 3.70 -0.17	34.03 3.40 -0.01	33.12 3.25 -0.01

CHESTROR_138KV_BK263 355645	30.55 1.67 0.00	28.30 1.53 0.00	25.90 1.40 0.00	25.66 1.20 0.00	25.54 1.15 0.00	25.56 1.17 0.00	25.94 1.47 0.00	25.83 1.42 0.00	28.13 1.72 0.00	30.92 1.97 0.00	32.70 2.14 0.00	34.33 2.31 0.00	37.57 2.59 0.00	38.38 2.71 0.89	37.50 2.81 2.33	36.71 2.69 -0.02	38.90 3.00 1.55	43.52 3.47 3.88	46.82 3.29 -0.18	42.72 3.04 0.25	39.62 2.70 -1.87	36.21 2.42 -0.15	32.89 2.27 0.00	32.01 2.15 0.00
CH_MIDHUDSON___DRP 24192	30.84 1.96 0.00	28.55 1.77 0.00	26.14 1.64 0.00	25.88 1.42 0.00	25.76 1.37 0.00	25.78 1.39 0.00	26.19 1.71 0.00	26.05 1.64 0.00	28.39 1.98 0.00	31.24 2.29 0.00	33.04 2.48 0.00	34.69 2.66 0.00	37.95 2.97 0.00	39.90 3.18 -0.15	40.71 3.29 -0.40	37.24 3.09 -0.14	41.20 3.48 -0.27	49.82 4.09 -1.80	50.16 3.86 -2.96	45.59 3.55 -2.10	41.45 3.12 -3.28	36.63 2.83 -0.17	33.20 2.57 0.00	32.34 2.48 0.00
CH_MISC_IPPS 23765	31.01 2.14 0.00	28.68 1.90 0.00	26.31 1.81 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.03 1.63 0.00	26.34 1.86 0.00	26.27 1.85 0.00	28.50 2.09 0.00	31.33 2.37 0.00	33.16 2.60 0.00	34.85 2.82 0.00	38.23 3.25 0.00	40.00 3.44 0.00	40.53 3.52 0.00	37.46 3.33 -0.12	41.20 3.74 0.00	49.28 4.39 -0.95	50.08 4.20 -2.53	45.51 3.83 -1.74	41.44 3.33 -3.05	36.83 3.03 -0.16	33.44 2.82 0.00	32.49 2.63 0.00
CH_RES_BVR_FALLS 23983	28.47 -0.40 0.00	26.40 -0.37 0.00	24.16 -0.34 0.00	24.12 -0.34 0.00	24.07 -0.32 0.00	24.05 -0.34 0.00	24.11 -0.37 0.00	24.07 -0.34 0.00	26.02 -0.40 0.00	28.52 -0.43 0.00	30.04 -0.52 0.00	31.48 -0.54 0.00	34.39 -0.59 0.00	35.91 -0.66 0.00	36.31 -0.70 0.00	33.29 -0.72 0.00	36.66 -0.79 0.00	43.01 -0.92 0.00	42.43 -0.91 0.00	39.14 -0.80 0.00	34.42 -0.63 0.00	32.97 -0.67 0.00	29.98 -0.64 0.00	29.23 -0.63 0.00
CH_RES_NIAGARA 23895	27.80 -1.07 0.00	25.39 -1.39 0.00	23.15 -1.35 0.00	22.88 -1.59 0.00	22.71 -1.68 0.00	22.68 -1.71 0.00	22.76 -1.71 0.00	22.19 -2.22 0.00	24.46 -1.95 0.00	26.09 -2.87 0.00	28.27 -2.29 0.00	29.50 -2.53 0.00	32.11 -2.87 0.00	33.79 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.46 -3.00 0.00	39.47 -3.73 0.73	39.41 -3.47 0.46	36.51 -3.39 0.03	31.78 -3.22 0.05	30.51 -2.93 0.21	28.36 -2.27 0.00	28.19 -1.67 0.00
CH_RES_SYRACUSE 23985	29.02 0.15 0.00	26.89 0.11 0.00	24.55 0.05 0.00	24.49 0.02 0.00	24.37 -0.02 0.00	24.37 -0.02 0.00	24.43 -0.05 0.00	24.37 -0.05 0.00	26.78 -0.03 -0.39	29.81 0.03 -0.83	31.58 0.15 -0.86	33.23 0.10 -1.10	36.13 0.07 -1.07	37.67 0.11 -1.00	37.98 0.07 -0.90	34.49 0.07 -0.42	37.64 0.11 -0.07	44.65 0.13 -0.58	44.83 0.13 -1.36	40.92 0.08 -0.90	35.29 -0.04 -0.27	33.82 0.03 -0.14	30.86 0.09 -0.14	30.29 0.06 -0.37
CLINTON_WT_PWR 323605	28.27 -0.61 0.00	26.27 -0.51 0.00	24.03 -0.47 0.00	24.00 -0.47 0.00	24.00 -0.39 0.00	23.98 -0.41 0.00	24.04 -0.44 0.00	24.02 -0.39 0.00	25.91 -0.50 0.00	28.40 -0.55 0.00	29.77 -0.79 0.00	31.23 -0.80 0.00	34.14 -0.84 0.00	35.54 -1.02 0.00	35.75 -1.26 0.00	32.68 -1.33 0.00	35.99 -1.46 0.00	42.31 -1.62 0.00	41.61 -1.73 0.00	38.50 -1.44 0.00	33.96 -1.09 0.00	32.53 -1.11 0.00	29.55 -1.07 0.00	28.70 -1.17 0.00
CLINTON___LFGE 323618	28.58 -0.29 0.00	26.59 -0.19 0.00	24.28 -0.22 0.00	24.27 -0.20 0.00	24.25 -0.15 0.00	24.17 -0.22 0.00	24.31 -0.17 0.00	24.27 -0.15 0.00	26.23 -0.18 0.00	28.75 -0.20 0.00	30.11 -0.46 0.00	31.61 -0.42 0.00	34.52 -0.46 0.00	35.94 -0.62 0.00	36.12 -0.89 0.00	32.95 -1.05 0.00	36.33 -1.12 0.00	42.71 -1.23 0.00	42.00 -1.34 0.00	38.86 -1.08 0.00	34.35 -0.70 0.00	32.87 -0.77 0.00	29.83 -0.80 0.00	28.90 -0.96 0.00
COBBLENY_34_KV_TB1 80064	29.05 0.17 0.00	26.46 -0.32 0.00	24.13 -0.37 0.00	23.83 -0.64 0.00	23.66 -0.73 0.00	23.64 -0.76 0.00	23.74 -0.73 0.00	23.24 -1.17 0.00	25.59 -0.82 0.00	27.42 -1.53 0.00	29.68 -0.89 0.00	30.94 -1.09 0.00	33.69 -1.29 0.00	35.43 -1.13 0.00	35.97 -1.04 0.00	32.96 -1.05 -0.01	36.22 -1.24 0.00	41.20 -2.11 0.63	41.19 -1.82 0.33	38.05 -1.92 -0.03	33.14 -1.96 -0.06	31.78 -1.68 0.18	29.71 -0.92 0.00	29.38 -0.48 0.00
COFFEEN___115KV_TB3 355620	28.90 0.03 0.00	26.75 -0.03 0.00	24.38 -0.12 0.00	24.29 -0.17 0.00	24.22 -0.17 0.00	24.22 -0.17 0.00	24.33 -0.15 0.00	24.10 -0.32 0.00	26.35 -0.40 -0.33	29.31 -0.35 -0.70	30.89 -0.40 -0.73	32.32 -0.64 -0.93	35.01 -0.87 -0.91	36.46 -0.95 -0.84	36.70 -1.07 -0.76	33.27 -1.09 -0.36	36.39 -1.12 -0.06	43.62 -0.97 -0.65	44.03 -0.56 -1.25	40.54 -0.16 -0.77	35.08 -0.21 -0.24	34.01 0.20 -0.16	30.81 0.06 -0.12	30.06 -0.12 -0.31
COLDSPRG_115KV_BK1 355956	29.65 0.78 0.00	27.02 0.24 0.00	24.65 0.15 0.00	24.32 -0.15 0.00	24.15 -0.24 0.00	24.12 -0.27 0.00	24.33 -0.15 0.00	23.95 -0.46 0.00	26.33 -0.08 0.00	28.32 -0.64 0.00	30.56 0.00 0.00	31.80 -0.22 0.00	34.56 -0.42 0.00	36.27 -0.29 0.00	36.71 -0.30 0.00	33.68 -0.34 -0.01	37.08 -0.37 0.00	42.00 -1.36 0.57	42.03 -1.04 0.27	38.88 -1.12 -0.06	33.86 -1.30 0.17	32.43 -1.04 0.00	30.50 -0.12 0.00	30.10 0.24 0.00
COLONIE_LFGE___ 323577	30.14 1.27 0.00	27.90 1.12 0.00	25.60 1.10 0.00	25.54 1.08 0.00	25.44 1.05 0.00	25.42 1.02 0.00	25.58 1.10 0.00	25.46 1.05 0.00	27.65 1.24 0.00	30.29 1.33 0.00	31.91 1.34 0.00	33.47 1.44 0.00	36.56 1.58 0.00	38.40 1.68 -0.15	39.12 1.70 -0.40	35.84 1.67 -0.17	39.48 1.76 -0.27	48.15 2.15 -2.06	49.21 2.21 -3.66	44.55 2.04 -2.58	40.89 1.72 -4.12	35.60 1.75 -0.21	32.12 1.50 0.00	31.27 1.40 0.00
COOPERNY_115KV_TB1 80082	30.11 1.24 0.00	27.90 1.12 0.00	25.53 1.03 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.24 0.85 0.00	25.55 1.08 0.00	25.44 1.03 0.00	27.71 1.29 0.00	30.40 1.45 0.00	32.15 1.59 0.00	33.73 1.70 0.00	36.87 1.89 0.00	38.19 1.97 0.35	38.13 2.04 0.92	35.99 1.94 -0.05	39.01 2.17 0.61	45.21 2.50 1.23	46.61 2.38 -0.89	42.55 2.16 -0.46	38.74 1.96 -1.72	35.54 1.78 -0.11	32.28 1.65 0.00	31.44 1.58 0.00
COPENHAGEN_WT_PWR 323753	28.64 -0.23 0.00	26.56 -0.22 0.00	24.21 -0.29 0.00	24.15 -0.32 0.00	24.05 -0.34 0.00	24.05 -0.34 0.00	24.13 -0.34 0.00	23.98 -0.44 0.00	26.20 -0.56 -0.35	29.20 -0.49 -0.74	30.81 -0.52 -0.76	32.24 -0.77 -0.98	34.95 -0.98 -0.95	36.39 -1.06 -0.89	36.66 -1.15 -0.79	33.22 -1.16 -0.37	36.32 -1.20 -0.06	43.48 -1.14 -0.68	43.83 -0.82 -1.31	40.27 -0.48 -0.81	34.81 -0.49 -0.25	33.68 -0.13 -0.17	30.54 -0.21 -0.13	29.89 -0.30 -0.33
CORNELL_____ 23752	29.85 0.98 0.00	27.56 0.78 0.00	25.14 0.64 0.00	24.95 0.49 0.00	24.88 0.49 0.00	24.88 0.49 0.00	25.04 0.56 0.00	24.88 0.46 0.00	27.25 0.63 -0.20	29.96 0.58 -0.43	31.78 0.76 -0.45	33.31 0.70 -0.58	36.31 0.77 -0.56	37.89 0.80 -0.52	38.25 0.78 -0.47	34.99 0.75 -0.24	38.35 0.86 -0.04	45.27 1.10 -0.23	45.51 1.26 -0.92	41.82 1.20 -0.69	36.52 0.95 -0.53	34.66 0.98 -0.04	31.68 0.98 -0.07	30.92 0.87 -0.19

CORONA__69_KV_TB1 355595	34.36 2.86 -2.62	33.45 2.57 -4.10	32.73 2.33 -5.90	29.83 2.08 -3.29	28.32 2.00 -1.92	29.20 2.05 -2.76	26.90 2.37 -0.05	29.09 2.37 -2.31	33.18 2.88 -3.89	34.80 3.30 -2.55	38.66 3.61 -4.49	42.61 3.91 -6.67	42.98 4.27 -3.73	48.08 4.46 -7.05	47.43 4.66 -5.75	48.32 4.28 -10.03	54.76 4.64 -12.66	56.69 5.40 -7.35	52.90 5.03 -4.54	48.04 4.63 -3.47	43.13 4.17 -3.91	40.29 4.00 -2.64	35.66 3.67 -1.36	35.44 3.52 -2.05
CORTLAND__115KV_TB3 80093	29.65 0.78 0.00	27.39 0.62 0.00	25.01 0.51 0.00	24.83 0.37 0.00	24.76 0.37 0.00	24.76 0.37 0.00	24.92 0.44 0.00	24.76 0.34 0.00	27.12 0.50 -0.20	29.85 0.46 -0.43	31.62 0.61 -0.44	33.17 0.58 -0.57	36.16 0.63 -0.55	37.74 0.66 -0.52	38.10 0.63 -0.46	34.85 0.61 -0.23	38.20 0.71 -0.04	45.03 0.83 -0.26	45.20 0.95 -0.91	41.48 0.88 -0.67	36.25 0.70 -0.50	34.43 0.74 -0.05	31.46 0.77 -0.07	30.71 0.66 -0.19
COXSACKIE__GT 23611	30.95 2.08 0.00	28.60 1.82 0.00	26.29 1.79 0.00	26.25 1.79 0.00	26.12 1.73 0.00	26.10 1.71 0.00	26.26 1.79 0.00	25.93 1.51 0.00	27.97 1.56 0.00	30.69 1.74 0.00	32.21 1.65 0.00	33.53 1.51 0.00	36.94 1.96 0.00	38.79 2.12 -0.10	39.20 1.92 -0.27	35.96 1.80 -0.16	39.80 2.17 -0.18	48.61 2.99 -1.69	49.58 2.95 -3.29	45.47 3.23 -2.30	41.10 2.28 -3.77	36.63 2.79 -0.20	33.08 2.45 0.00	32.16 2.30 0.00
CPV_VALLEY__CC1 323721	30.29 1.41 0.00	28.06 1.29 0.00	25.70 1.20 0.00	25.59 1.13 0.00	25.46 1.07 0.00	25.46 1.07 0.00	25.72 1.25 0.00	25.71 1.29 0.00	27.94 1.53 0.00	30.60 1.65 0.00	32.40 1.83 0.00	34.05 2.02 0.00	37.25 2.27 0.00	38.39 2.38 0.55	38.05 2.48 1.44	36.40 2.34 -0.05	39.12 2.62 0.95	44.87 3.07 2.14	47.03 2.90 -0.79	42.88 2.64 -0.31	39.33 2.31 -1.96	35.86 2.09 -0.13	32.59 1.96 0.00	31.68 1.82 0.00
CPV_VALLEY__CC2 323722	30.29 1.41 0.00	28.06 1.29 0.00	25.70 1.20 0.00	25.59 1.13 0.00	25.46 1.07 0.00	25.46 1.07 0.00	25.72 1.25 0.00	25.71 1.29 0.00	27.94 1.53 0.00	30.60 1.65 0.00	32.40 1.83 0.00	34.05 2.02 0.00	37.25 2.27 0.00	38.39 2.38 0.55	38.05 2.48 1.44	36.40 2.34 -0.05	39.12 2.62 0.95	44.87 3.07 2.14	47.03 2.90 -0.79	42.88 2.64 -0.31	39.33 2.31 -1.96	35.86 2.09 -0.13	32.59 1.96 0.00	31.68 1.82 0.00
CRESCENT__HYD 24018	30.14 1.27 0.00	27.90 1.12 0.00	25.60 1.10 0.00	25.54 1.08 0.00	25.44 1.05 0.00	25.42 1.02 0.00	25.58 1.10 0.00	25.46 1.05 0.00	27.65 1.24 0.00	30.29 1.33 0.00	31.91 1.34 0.00	33.47 1.44 0.00	36.56 1.58 0.00	38.40 1.68 -0.15	39.12 1.70 -0.40	35.84 1.67 -0.17	39.48 1.76 -0.27	48.15 2.15 -2.06	49.21 2.21 -3.66	44.55 2.04 -2.58	40.89 1.72 -4.12	35.60 1.75 -0.21	32.12 1.50 0.00	31.27 1.40 0.00
CRICKET__VALLEY_CC1 323756	30.49 1.62 0.00	28.20 1.42 0.00	25.87 1.37 0.00	25.76 1.30 0.00	25.63 1.24 0.00	25.63 1.24 0.00	25.89 1.42 0.00	25.86 1.44 0.00	28.10 1.69 0.00	30.78 1.83 0.00	32.52 1.96 0.00	34.21 2.18 0.00	37.39 2.41 0.00	39.54 2.60 -0.38	40.74 2.74 -0.99	36.75 2.58 -0.17	40.95 2.85 -0.66	50.30 3.34 -3.03	50.10 3.16 -3.60	45.48 2.91 -2.63	41.21 2.53 -3.64	36.17 2.35 -0.17	32.71 2.08 0.00	31.83 1.97 0.00
CRICKET__VALLEY_CC2 323757	30.49 1.62 0.00	28.20 1.42 0.00	25.87 1.37 0.00	25.76 1.30 0.00	25.63 1.24 0.00	25.63 1.24 0.00	25.89 1.42 0.00	25.86 1.44 0.00	28.10 1.69 0.00	30.78 1.83 0.00	32.52 1.96 0.00	34.21 2.18 0.00	37.39 2.41 0.00	39.54 2.60 -0.38	40.74 2.74 -0.99	36.75 2.58 -0.17	40.95 2.85 -0.66	50.30 3.34 -3.03	50.10 3.16 -3.60	45.48 2.91 -2.63	41.21 2.53 -3.64	36.17 2.35 -0.17	32.71 2.08 0.00	31.83 1.97 0.00
CRICKET__VALLEY_CC3 323758	30.49 1.62 0.00	28.20 1.42 0.00	25.87 1.37 0.00	25.76 1.30 0.00	25.63 1.24 0.00	25.63 1.24 0.00	25.89 1.42 0.00	25.86 1.44 0.00	28.10 1.69 0.00	30.78 1.83 0.00	32.52 1.96 0.00	34.21 2.18 0.00	37.39 2.41 0.00	39.54 2.60 -0.38	40.74 2.74 -0.99	36.75 2.58 -0.17	40.95 2.85 -0.66	50.30 3.34 -3.03	50.10 3.16 -3.60	45.48 2.91 -2.63	41.21 2.53 -3.64	36.17 2.35 -0.17	32.71 2.08 0.00	31.83 1.97 0.00
CRUCIBLE__METL_DRP 24180	29.02 0.14 0.00	26.86 0.08 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.32 -0.07 0.00	24.32 -0.07 0.00	24.43 -0.05 0.00	24.27 -0.15 0.00	26.78 -0.03 -0.39	29.76 -0.03 -0.83	31.55 0.12 -0.86	33.23 0.10 -1.10	36.13 0.07 -1.07	37.67 0.11 -1.00	37.98 0.07 -0.90	34.49 0.07 -0.42	37.60 0.07 -0.07	44.65 0.13 -0.58	44.83 0.13 -1.36	40.92 0.08 -0.90	35.32 0.00 -0.27	33.82 0.03 -0.14	30.86 0.09 -0.14	30.23 0.00 -0.37
DAHOWA__HYDRO 323763	30.63 1.76 0.00	28.33 1.55 0.00	25.90 1.40 0.00	25.86 1.39 0.00	25.73 1.34 0.00	25.73 1.34 0.00	25.92 1.44 0.00	25.76 1.44 0.00	28.00 1.58 0.00	30.75 1.80 0.00	32.31 1.74 0.00	33.76 1.73 0.00	36.94 1.96 0.00	38.57 1.86 -0.14	39.27 1.89 -0.38	36.01 1.83 -0.17	39.57 1.87 -0.25	48.38 2.41 -2.02	49.89 2.86 -3.69	45.13 2.59 -2.60	41.44 2.21 -4.18	36.21 2.35 -0.21	32.59 1.96 0.00	31.68 1.82 0.00
DANC__LFGE 323619	28.61 -0.26 0.00	26.54 -0.24 0.00	24.18 -0.32 0.00	24.12 -0.34 0.00	24.03 -0.37 0.00	24.00 -0.39 0.00	24.06 -0.42 0.00	23.93 -0.49 0.00	26.29 -0.56 -0.43	29.38 -0.49 -0.92	31.03 -0.49 -0.95	32.58 -0.67 -1.23	35.37 -0.80 -1.19	36.80 -0.88 -1.11	37.04 -0.96 -1.00	33.52 -0.95 -0.47	36.52 -1.01 -0.08	43.81 -1.01 -0.88	44.23 -0.78 -1.66	40.39 -0.56 -1.02	34.81 -0.56 -0.32	33.59 -0.27 -0.22	30.51 -0.28 -0.16	29.95 -0.33 -0.41
DANSKAMMER__1 23586	31.01 2.14 0.00	28.68 1.90 0.00	26.31 1.81 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.03 1.63 0.00	26.34 1.86 0.00	26.27 1.85 0.00	28.50 2.09 0.00	31.33 2.37 0.00	33.16 2.60 0.00	34.85 2.82 0.00	38.23 3.25 0.00	40.00 3.44 0.00	40.53 3.52 0.00	37.46 3.33 -0.12	41.20 3.74 0.00	49.28 4.39 -0.95	50.08 4.20 -2.53	45.51 3.83 -1.74	41.44 3.33 -3.05	36.83 3.03 -0.16	33.44 2.82 0.00	32.49 2.63 0.00
DANSKAMMER__2 23589	31.01 2.14 0.00	28.68 1.90 0.00	26.31 1.81 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.03 1.63 0.00	26.34 1.86 0.00	26.27 1.85 0.00	28.50 2.09 0.00	31.33 2.37 0.00	33.16 2.60 0.00	34.85 2.82 0.00	38.23 3.25 0.00	40.00 3.44 0.00	40.53 3.52 0.00	37.46 3.33 -0.12	41.20 3.74 0.00	49.28 4.39 -0.95	50.08 4.20 -2.53	45.51 3.83 -1.74	41.44 3.33 -3.05	36.83 3.03 -0.16	33.44 2.82 0.00	32.49 2.63 0.00
DANSKAMMER__3 23590	31.01 2.14 0.00	28.68 1.90 0.00	26.31 1.81 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.03 1.63 0.00	26.34 1.86 0.00	26.27 1.85 0.00	28.50 2.09 0.00	31.33 2.37 0.00	33.16 2.60 0.00	34.85 2.82 0.00	38.23 3.25 0.00	40.00 3.44 0.00	40.53 3.52 0.00	37.46 3.33 -0.12	41.20 3.74 0.00	49.28 4.39 -0.95	50.08 4.20 -2.53	45.51 3.83 -1.74	41.44 3.33 -3.05	36.83 3.03 -0.16	33.44 2.82 0.00	32.49 2.63 0.00

DANSKAMMER___4 23591	31.01 2.14 0.00	28.68 1.90 0.00	26.31 1.81 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.03 1.63 0.00	26.34 1.86 0.00	26.27 1.85 0.00	28.50 2.09 0.00	31.33 2.37 0.00	33.16 2.60 0.00	34.85 2.82 0.00	38.23 3.25 0.00	40.00 3.44 0.00	40.53 3.52 0.00	37.46 3.33 -0.12	41.20 3.74 0.00	49.28 4.39 -0.95	50.08 4.20 -2.53	45.51 3.83 -1.74	41.44 3.33 -3.05	36.83 3.03 -0.16	33.44 2.82 0.00	32.49 2.63 0.00
DANSKAMMER___DIESEL 23592	31.01 2.14 0.00	28.71 1.93 0.00	26.29 1.79 0.00	26.03 1.57 0.00	25.90 1.51 0.00	25.93 1.54 0.00	26.34 1.86 0.00	26.20 1.78 0.00	28.50 2.09 0.00	31.41 2.46 0.00	33.22 2.66 0.00	34.85 2.82 0.00	38.23 3.25 0.00	40.00 3.44 0.00	40.53 3.52 0.00	37.46 3.33 -0.12	41.24 3.78 0.00	49.28 4.39 -0.95	50.08 4.20 -2.53	45.51 3.83 -1.74	41.47 3.36 -3.05	36.87 3.06 -0.16	33.44 2.82 0.00	32.55 2.69 0.00
DARBY___SOLAR 323810	30.55 1.67 0.00	28.25 1.47 0.00	25.82 1.32 0.00	25.79 1.32 0.00	25.66 1.27 0.00	25.66 1.27 0.00	25.85 1.37 0.00	25.68 1.27 0.00	27.94 1.53 0.00	30.66 1.71 0.00	32.24 1.68 0.00	33.72 1.70 0.00	36.87 1.89 0.00	38.57 1.86 -0.14	39.28 1.89 -0.38	36.01 1.83 -0.17	39.58 1.87 -0.25	48.38 2.41 -2.03	49.80 2.78 -3.68	45.01 2.48 -2.59	41.32 2.10 -4.17	36.08 2.22 -0.21	32.49 1.87 0.00	31.62 1.76 0.00
DASHVILLE___HYD 23610	30.78 1.91 0.00	28.49 1.71 0.00	26.09 1.59 0.00	25.84 1.37 0.00	25.71 1.32 0.00	25.71 1.32 0.00	26.12 1.64 0.00	25.98 1.56 0.00	28.26 1.85 0.00	31.15 2.20 0.00	32.95 2.38 0.00	34.59 2.56 0.00	37.92 2.94 0.00	39.78 3.22 0.00	40.34 3.33 0.00	37.16 3.03 -0.13	41.01 3.56 0.00	49.06 4.13 -0.99	49.28 3.29 -2.64	45.35 3.59 -1.82	40.83 2.59 -3.18	36.57 2.76 -0.17	33.20 2.57 0.00	32.34 2.48 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.02 3.52 -2.62	33.93 3.05 -4.10	33.09 2.69 -5.90	30.17 2.42 -3.29	28.68 2.37 -1.92	29.56 2.41 -2.76	27.27 2.74 -0.05	29.46 2.73 -2.31	33.65 3.35 -3.89	35.50 4.00 -2.55	39.55 4.58 -4.40	54.96 5.12 -17.81	66.53 5.67 -25.89	108.18 6.03 -65.58	132.91 6.25 -89.65	132.75 5.71 -93.03	133.05 6.14 -89.46	133.27 7.25 -82.08	73.30 6.72 -23.24	49.57 6.15 -3.48	46.15 5.33 -5.77	47.06 4.98 -8.44	36.34 4.35 -1.36	36.06 4.15 -2.05
DELAWARE___LFGE 323621	30.03 1.15 0.00	27.80 1.02 0.00	25.41 0.91 0.00	25.22 0.76 0.00	25.12 0.73 0.00	25.15 0.76 0.00	25.41 0.93 0.00	25.27 0.85 0.00	27.53 1.06 -0.07	30.28 1.19 -0.14	32.02 1.31 -0.14	33.53 1.31 -0.18	36.59 1.43 -0.18	38.18 1.50 -0.11	38.50 1.48 -0.01	35.51 1.39 -0.11	38.98 1.61 0.08	45.95 1.85 -0.17	46.27 1.86 -1.06	42.35 1.72 -0.70	37.71 1.51 -1.16	35.24 1.51 -0.09	32.03 1.38 -0.02	31.24 1.31 -0.06
DERFIELD_115KV_TB7 355931	29.13 0.26 0.00	27.02 0.24 0.00	24.72 0.22 0.00	24.64 0.17 0.00	24.54 0.15 0.00	24.54 0.15 0.00	24.70 0.22 0.00	24.59 0.17 0.00	26.65 0.24 0.00	29.21 0.26 0.00	30.84 0.28 0.00	32.32 0.29 0.00	35.30 0.31 0.00	36.89 0.33 0.00	37.34 0.33 0.00	34.34 0.34 0.00	37.83 0.37 0.00	44.38 0.44 0.00	43.77 0.43 0.00	40.33 0.40 0.00	35.40 0.35 0.00	34.01 0.37 0.00	30.93 0.31 0.00	30.16 0.30 0.00
DOGLEVILLE___HYD 23807	29.82 0.95 0.00	27.64 0.86 0.00	25.28 0.78 0.00	25.27 0.81 0.00	25.19 0.80 0.00	25.22 0.83 0.00	25.33 0.86 0.00	25.20 0.78 0.00	27.28 0.87 0.00	29.88 0.93 0.00	31.57 1.01 0.00	33.02 0.99 0.00	36.03 1.05 0.00	37.63 1.06 0.00	38.01 1.00 0.00	34.89 0.88 0.00	38.43 0.97 0.00	45.08 1.14 0.00	44.55 1.21 0.00	41.09 1.16 0.00	36.03 0.98 0.00	34.69 1.04 0.00	31.63 1.01 0.00	30.85 0.98 0.00
DUNKIRK___115KV_TB_200 55889	29.31 0.43 0.00	26.73 -0.05 0.00	24.38 -0.12 0.00	24.05 -0.42 0.00	23.88 -0.51 0.00	23.85 -0.54 0.00	24.01 -0.47 0.00	23.56 -0.85 0.00	25.94 -0.48 0.00	27.82 -1.13 0.00	30.04 -0.52 0.00	31.29 -0.74 0.00	34.04 -0.94 0.00	35.72 -0.84 0.00	36.20 -0.81 0.00	33.20 -0.82 -0.01	36.48 -0.97 0.00	41.64 -1.67 0.63	41.66 -1.34 0.34	38.52 -1.44 -0.03	33.56 -1.54 -0.05	32.18 -1.28 0.18	30.04 -0.58 0.00	29.68 -0.18 0.00
DUNKIRK___1 23563	29.31 0.43 0.00	26.73 -0.05 0.00	24.38 -0.12 0.00	24.05 -0.42 0.00	23.88 -0.51 0.00	23.85 -0.54 0.00	24.01 -0.47 0.00	23.56 -0.85 0.00	25.94 -0.48 0.00	27.82 -1.13 0.00	30.04 -0.52 0.00	31.29 -0.74 0.00	34.04 -0.94 0.00	35.72 -0.84 0.00	36.20 -0.81 0.00	33.20 -0.82 -0.01	36.48 -0.97 0.00	41.64 -1.67 0.63	41.66 -1.34 0.34	38.52 -1.44 -0.03	33.56 -1.54 -0.05	32.18 -1.28 0.18	30.04 -0.58 0.00	29.68 -0.18 0.00
DUNKIRK___2 23564	29.31 0.43 0.00	26.73 -0.05 0.00	24.38 -0.12 0.00	24.05 -0.42 0.00	23.88 -0.51 0.00	23.85 -0.54 0.00	24.01 -0.47 0.00	23.56 -0.85 0.00	25.94 -0.48 0.00	27.82 -1.13 0.00	30.04 -0.52 0.00	31.29 -0.74 0.00	34.04 -0.94 0.00	35.72 -0.84 0.00	36.20 -0.81 0.00	33.20 -0.82 -0.01	36.48 -0.97 0.00	41.64 -1.67 0.63	41.66 -1.34 0.34	38.52 -1.44 -0.03	33.56 -1.54 -0.05	32.18 -1.28 0.18	30.04 -0.58 0.00	29.68 -0.18 0.00
DUNKIRK___3 23565	29.13 0.26 0.00	26.59 -0.19 0.00	24.25 -0.25 0.00	23.93 -0.54 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.86 -0.61 0.00	23.41 -1.00 0.00	25.75 -0.66 0.00	27.62 -1.33 0.00	29.86 -0.70 0.00	31.10 -0.93 0.00	33.83 -1.15 0.00	35.54 -1.02 0.00	36.05 -0.96 0.00	33.03 -0.99 -0.01	36.33 -1.12 0.00	41.42 -1.89 0.63	41.40 -1.60 0.34	38.28 -1.68 -0.02	33.38 -1.72 -0.05	31.98 -1.48 0.18	29.89 -0.73 0.00	29.50 -0.36 0.00
DUNKIRK___4 23566	29.13 0.26 0.00	26.59 -0.19 0.00	24.25 -0.25 0.00	23.93 -0.54 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.86 -0.61 0.00	23.41 -1.00 0.00	25.75 -0.66 0.00	27.62 -1.33 0.00	29.86 -0.70 0.00	31.10 -0.93 0.00	33.83 -1.15 0.00	35.54 -1.02 0.00	36.05 -0.96 0.00	33.03 -0.99 -0.01	36.33 -1.12 0.00	41.42 -1.89 0.63	41.40 -1.60 0.34	38.28 -1.68 -0.02	33.38 -1.72 -0.05	31.98 -1.48 0.18	29.89 -0.73 0.00	29.50 -0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.10 2.22 0.00	28.79 2.01 0.00	26.34 1.84 0.00	26.06 1.59 0.00	25.93 1.54 0.00	25.98 1.59 0.00	26.41 1.93 0.00	26.34 1.93 0.00	28.79 2.38 0.00	31.70 2.75 0.00	33.53 2.96 0.00	35.26 3.23 0.00	38.55 3.57 0.00	41.20 3.80 -0.83	46.31 3.96 -5.34	47.74 3.71 -10.03	54.22 4.12 -12.65	56.03 4.79 -7.30	52.37 4.51 -4.52	47.51 4.11 -3.46	42.67 3.72 -3.90	37.07 3.26 -0.16	33.63 3.00 0.00	32.73 2.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.75 1.88 0.00	28.49 1.71 0.00	26.07 1.57 0.00	25.84 1.37 0.00	25.68 1.29 0.00	25.73 1.34 0.00	26.12 1.64 0.00	26.00 1.59 0.00	28.31 1.90 0.00	31.15 2.20 0.00	32.92 2.35 0.00	34.56 2.53 0.00	37.85 2.87 0.00	39.33 3.03 0.27	39.40 3.11 0.72	37.05 2.96 -0.09	40.31 3.33 0.48	47.29 3.91 0.55	48.80 3.68 -1.78	44.44 3.39 -1.11	40.72 3.01 -2.65	36.52 2.72 -0.16	33.14 2.51 0.00	32.28 2.42 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	31.51 2.63 -0.01	29.14 2.36 -0.01	26.64 2.13 -0.01	26.35 1.88 0.00	26.17 1.78 0.00	26.10 1.71 0.00	26.53 2.06 0.00	26.42 2.00 0.00	28.84 2.43 0.00	31.86 2.90 -0.02	33.73 3.15 -0.02	37.78 3.36 -2.39	38.67 3.67 -0.02	41.25 3.84 -0.85	46.39 4.03 -5.34	47.77 3.74 -10.03	54.41 4.31 -12.65	56.25 5.01 -7.31	52.63 4.77 -4.52	47.71 4.31 -3.46	44.72 3.79 -5.88	37.48 3.67 -0.17	33.88 3.25 -0.01	33.09 3.23 -0.01
E179THST_13_KV_LOAD 356214	31.68 2.80 -0.01	29.30 2.52 -0.01	26.79 2.28 -0.01	26.50 2.03 0.00	26.32 1.93 0.00	26.24 1.85 0.00	26.65 2.18 0.00	26.56 2.15 0.00	29.00 2.59 0.00	32.04 3.07 -0.02	33.94 3.36 -0.02	38.00 3.59 -2.39	38.91 3.92 -0.02	41.51 4.10 -0.85	46.65 4.29 -5.34	48.01 3.98 -10.03	54.67 4.57 -12.65	56.56 5.32 -7.31	52.93 5.07 -4.52	48.03 4.63 -3.46	44.97 4.03 -5.88	37.68 3.87 -0.17	34.06 3.43 -0.01	33.27 3.40 -0.01
EAST HAMPTON___GT 23717	35.14 3.64 -2.62	33.96 3.08 -4.10	33.12 2.72 -5.90	30.32 2.57 -3.29	28.78 2.46 -1.92	29.64 2.49 -2.76	27.25 2.72 -0.05	29.53 2.81 -2.31	33.68 3.38 -3.89	35.47 3.97 -2.55	39.73 4.77 -4.40	55.22 5.38 -17.81	66.85 5.98 -25.89	108.48 6.33 -65.59	133.19 6.52 -89.66	133.01 5.95 -93.05	133.29 6.37 -89.47	133.64 7.60 -82.10	73.66 7.07 -23.25	49.81 6.39 -3.48	46.15 5.33 -5.77	47.12 5.04 -8.44	36.34 4.35 -1.36	36.00 4.09 -2.05
EAST RIVER___6 23660	31.36 2.48 0.00	28.97 2.20 0.00	26.51 2.01 0.00	26.38 1.91 0.00	26.20 1.80 0.00	26.22 1.83 0.00	26.60 2.13 0.00	26.69 2.27 0.00	29.05 2.64 0.00	31.86 2.89 -0.02	33.82 3.24 -0.02	37.91 3.52 -2.36	38.91 3.92 -0.02	41.58 4.17 -0.85	46.68 4.33 -5.34	48.11 4.08 -10.03	54.63 4.53 -12.65	56.52 5.27 -7.31	52.89 5.03 -4.52	47.94 4.55 -3.46	44.98 4.06 -5.86	37.41 3.60 -0.17	33.94 3.31 -0.01	32.97 3.11 -0.01
EAST RIVER___7 23524	31.36 2.48 0.00	28.97 2.20 0.00	26.51 2.01 0.00	26.38 1.91 0.00	26.20 1.80 0.00	26.22 1.83 0.00	26.60 2.13 0.00	26.69 2.27 0.00	29.05 2.64 0.00	31.86 2.89 -0.02	33.82 3.24 -0.02	37.91 3.52 -2.36	38.91 3.92 -0.02	41.58 4.17 -0.85	46.68 4.33 -5.34	48.11 4.08 -10.03	54.63 4.53 -12.65	56.52 5.27 -7.31	52.89 5.03 -4.52	47.94 4.55 -3.46	44.98 4.06 -5.86	37.41 3.60 -0.17	33.94 3.31 -0.01	32.97 3.11 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.01 2.14 0.00	28.73 1.95 0.00	26.26 1.76 0.00	26.01 1.54 0.00	25.88 1.49 0.00	25.90 1.51 0.00	26.34 1.86 0.00	26.27 1.86 0.00	28.68 2.27 0.00	31.59 2.63 0.00	33.41 2.84 0.00	35.13 3.11 0.00	38.41 3.43 0.00	41.07 3.62 -0.89	46.31 3.81 -5.49	47.61 3.57 -10.03	54.17 3.97 -12.75	56.15 4.61 -7.60	52.32 4.33 -4.64	47.46 3.95 -3.57	42.54 3.54 -3.95	36.97 3.16 -0.16	33.50 2.88 0.00	32.61 2.75 0.00
EAST_HAMPTON___DIESEL 23722	35.08 3.58 -2.62	33.91 3.03 -4.10	33.07 2.67 -5.90	30.27 2.52 -3.29	28.73 2.42 -1.92	29.61 2.46 -2.76	27.20 2.67 -0.05	29.48 2.76 -2.31	33.63 3.33 -3.89	35.41 3.91 -2.55	39.67 4.70 -4.40	55.15 5.32 -17.81	66.78 5.91 -25.89	108.41 6.25 -65.59	133.11 6.44 -89.66	132.94 5.88 -93.05	133.22 6.29 -89.47	133.55 7.51 -82.10	73.52 6.93 -23.25	49.69 6.27 -3.48	46.05 5.22 -5.77	47.06 4.98 -8.44	36.24 4.26 -1.36	35.91 4.00 -2.05
EAST_POINT___SOLAR 323840	31.41 2.54 0.00	29.00 2.22 0.00	26.41 1.91 0.00	26.40 1.93 0.00	26.20 1.80 0.00	26.15 1.76 0.00	26.26 1.79 0.00	25.68 1.27 0.00	27.60 1.19 0.00	30.14 1.19 0.00	31.82 1.25 0.00	33.12 1.09 0.00	36.24 1.26 0.00	37.87 1.20 -0.10	38.43 1.15 -0.27	35.38 1.19 -0.19	38.87 1.23 -0.18	47.60 1.71 -1.95	51.03 3.73 -3.96	46.45 3.75 -2.77	42.75 3.12 -4.58	37.24 3.36 -0.24	33.44 2.82 0.00	32.46 2.60 0.00
EAST_PULASKI___ESR 323781	28.61 -0.26 0.00	26.54 -0.24 0.00	24.23 -0.27 0.00	24.15 -0.32 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.06 -0.42 0.00	23.95 -0.46 0.00	26.53 -0.50 -0.62	29.81 -0.46 -1.32	31.57 -0.37 -1.37	33.27 -0.51 -1.76	36.10 -0.59 -1.71	37.50 -0.66 -1.59	37.77 -0.67 -1.43	33.99 -0.68 -0.67	36.86 -0.71 -0.12	44.58 -0.79 -1.43	45.21 -0.65 -2.52	40.90 -0.52 -1.49	35.04 -0.52 -0.52	33.67 -0.34 -0.37	30.55 -0.31 -0.23	30.12 -0.33 -0.59
EAST_RIVER___1 323558	31.33 2.45 0.00	28.95 2.17 0.00	26.51 2.01 0.00	26.35 1.88 0.00	26.20 1.80 0.00	26.22 1.83 0.00	26.58 2.11 0.00	26.64 2.22 0.00	29.00 2.59 0.00	31.84 2.87 -0.02	33.79 3.21 -0.02	37.88 3.49 -2.36	38.88 3.88 -0.02	41.54 4.13 -0.85	46.61 4.25 -5.34	48.04 4.01 -10.03	54.52 4.42 -12.65	56.43 5.18 -7.31	52.76 4.90 -4.52	47.87 4.47 -3.46	44.87 3.96 -5.86	37.38 3.56 -0.17	33.91 3.28 -0.01	32.95 3.08 -0.01
EAST_RIVER___2 323559	31.36 2.48 0.00	28.97 2.20 0.00	26.51 2.01 0.00	26.38 1.91 0.00	26.20 1.80 0.00	26.22 1.83 0.00	26.60 2.13 0.00	26.69 2.27 0.00	29.05 2.64 0.00	31.86 2.89 -0.02	33.82 3.24 -0.02	37.91 3.52 -2.36	38.91 3.92 -0.02	41.58 4.17 -0.85	46.68 4.33 -5.34	48.11 4.08 -10.03	54.63 4.53 -12.65	56.52 5.27 -7.31	52.89 5.03 -4.52	47.94 4.55 -3.46	44.98 4.06 -5.86	37.41 3.60 -0.17	33.94 3.31 -0.01	32.97 3.11 -0.01
EAST___DELAWARE_HYD 23607	30.09 1.21 0.00	27.82 1.04 0.00	25.50 1.00 0.00	25.40 0.93 0.00	25.22 0.83 0.00	25.24 0.85 0.00	25.50 1.03 0.00	25.42 1.00 0.00	27.55 1.13 0.00	30.29 1.33 0.00	32.03 1.47 0.00	33.57 1.54 0.00	36.83 1.85 0.00	37.40 1.02 0.19	37.54 1.03 0.50	35.15 1.06 -0.09	38.43 1.31 0.33	45.39 1.63 0.18	46.56 1.43 -1.79	42.48 1.40 -1.15	38.76 1.19 -2.51	35.74 1.95 -0.14	32.46 1.84 0.00	31.53 1.67 0.00
EIGHT_POINT___WT_PWR 323820	29.65 0.78 0.00	27.23 0.45 0.00	24.82 0.32 0.00	24.66 0.19 0.00	24.46 0.07 0.00	24.42 0.02 0.00	24.50 0.02 0.00	24.44 0.02 0.00	26.57 0.08 -0.08	29.13 0.00 -0.17	31.05 0.31 -0.18	32.26 0.00 -0.23	34.89 -0.32 -0.22	36.52 -0.25 -0.21	36.98 -0.22 -0.19	33.87 -0.24 -0.10	37.32 -0.15 -0.02	43.20 -0.44 0.30	43.38 -0.13 -0.17	40.08 -0.16 -0.30	34.89 -0.42 -0.26	33.48 -0.07 0.10	30.90 0.24 -0.03	30.39 0.45 -0.08
ELBRIDGE_115KV_TB2 80188	28.87 0.00 0.00	26.75 -0.03 0.00	24.43 -0.07 0.00	24.29 -0.17 0.00	24.22 -0.17 0.00	24.22 -0.17 0.00	24.33 -0.15 0.00	24.17 -0.24 0.00	26.69 -0.13 -0.41	29.63 -0.20 -0.88	31.41 -0.06 -0.91	33.10 -0.10 -1.17	35.98 -0.14 -1.14	37.51 -0.11 -1.06	37.85 -0.11 -0.95	34.35 -0.10 -0.45	37.42 -0.11 -0.08	44.42 -0.13 -0.62	44.70 -0.09 -1.45	40.77 -0.12 -0.96	35.17 -0.18 -0.29	33.66 -0.13 -0.15	30.72 -0.06 -0.15	30.13 -0.12 -0.39
ELEC_TRO_TEK 24086	34.12 2.63 -2.62	33.26 2.38 -4.10	32.56 2.16 -5.90	29.66 1.91 -3.29	28.17 1.85 -1.92	29.03 1.88 -2.76	26.76 2.23 -0.05	28.95 2.22 -2.31	32.99 2.69 -3.89	34.60 3.10 -2.55	38.41 3.36 -4.49	42.32 3.62 -6.67	42.70 3.99 -3.73	47.86 4.24 -7.05	47.17 4.40 -5.75	48.08 4.05 -10.03	54.50 4.38 -12.66	56.42 5.14 -7.35	52.60 4.72 -4.54	47.76 4.35 -3.47	42.92 3.96 -3.91	39.98 3.70 -2.64	35.39 3.40 -1.36	35.17 3.25 -2.05

ELLENBURG_WT_PWR 323604	28.27 -0.61 0.00	26.27 -0.51 0.00	24.03 -0.47 0.00	24.00 -0.47 0.00	24.00 -0.39 0.00	23.98 -0.41 0.00	24.04 -0.44 0.00	24.02 -0.39 0.00	25.91 -0.50 0.00	28.40 -0.55 0.00	29.77 -0.79 0.00	31.23 -0.80 0.00	34.14 -0.84 0.00	35.54 -1.02 0.00	35.75 -1.26 0.00	32.68 -1.33 0.00	35.99 -1.46 0.00	42.31 -1.62 0.00	41.61 -1.73 0.00	38.50 -1.44 0.00	33.96 -1.09 0.00	32.53 -1.11 0.00	29.55 -1.07 0.00	28.70 -1.17 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.76 -0.12 0.00	26.24 -0.54 0.00	23.94 -0.56 0.00	23.63 -0.83 0.00	23.46 -0.93 0.00	23.44 -0.95 0.00	23.55 -0.93 0.00	23.02 -1.39 0.00	25.36 -1.06 0.00	27.10 -1.85 0.00	29.34 -1.22 0.00	30.62 -1.41 0.00	33.34 -1.64 0.00	35.03 -1.54 0.00	35.57 -1.44 0.00	32.58 -1.43 -0.01	35.77 -1.69 0.00	40.84 -2.42 0.68	40.77 -2.17 0.40	37.74 -2.20 0.00	32.84 -2.21 0.00	31.53 -1.92 0.19	29.40 -1.22 0.00	29.12 -0.75 0.00
EMPIRE_CC_1 323656	29.74 0.87 0.00	27.53 0.75 0.00	25.36 0.86 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.22 0.83 0.00	25.33 0.86 0.00	25.17 0.76 0.00	27.31 0.90 0.00	29.88 0.93 0.00	31.51 0.95 0.00	33.08 1.06 0.00	36.10 1.12 0.00	38.01 1.24 -0.20	38.82 1.29 -0.52	35.50 1.32 -0.17	39.14 1.35 -0.34	47.74 1.58 -2.23	48.48 1.56 -3.58	43.96 1.48 -2.55	40.22 1.23 -3.95	35.09 1.25 -0.20	31.70 1.07 0.00	30.88 1.02 0.00
EMPIRE_CC_2 323658	29.74 0.87 0.00	27.53 0.75 0.00	25.36 0.86 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.22 0.83 0.00	25.33 0.86 0.00	25.17 0.76 0.00	27.31 0.90 0.00	29.88 0.93 0.00	31.51 0.95 0.00	33.08 1.06 0.00	36.10 1.12 0.00	38.01 1.24 -0.20	38.82 1.29 -0.52	35.50 1.32 -0.17	39.14 1.35 -0.34	47.74 1.58 -2.23	48.48 1.56 -3.58	43.96 1.48 -2.55	40.22 1.23 -3.95	35.09 1.25 -0.20	31.70 1.07 0.00	30.88 1.02 0.00
ENORWICH_115KV_TB1 80156	31.41 2.54 0.00	28.95 2.17 0.00	26.34 1.84 0.00	26.15 1.69 0.00	26.10 1.71 0.00	26.17 1.78 0.00	26.38 1.91 0.00	26.15 1.73 0.00	28.52 1.95 -0.15	31.33 2.06 -0.32	33.10 2.20 -0.33	34.41 1.95 -0.43	37.57 2.17 -0.42	39.03 2.12 -0.35	39.06 1.81 -0.24	35.93 1.73 -0.19	39.58 2.17 0.04	46.71 2.72 -0.05	47.35 3.12 -0.89	43.69 3.11 -0.64	38.37 2.59 -0.73	36.61 2.93 -0.04	33.34 2.66 -0.06	32.48 2.48 -0.14
ERIE_ST__34_KV_TB1-2 80199	29.05 0.17 0.00	26.46 -0.32 0.00	24.13 -0.37 0.00	23.81 -0.66 0.00	23.66 -0.73 0.00	23.61 -0.78 0.00	23.74 -0.73 0.00	23.24 -1.17 0.00	25.62 -0.79 0.00	27.45 -1.51 0.00	29.74 -0.83 0.00	31.00 -1.02 0.00	33.76 -1.22 0.00	35.50 -1.06 0.00	36.01 -1.00 0.00	33.03 -0.99 -0.01	36.29 -1.16 0.00	40.96 -2.33 0.65	40.90 -2.08 0.36	37.79 -2.16 -0.02	32.91 -2.17 -0.03	31.54 -1.92 0.19	29.74 -0.89 0.00	29.41 -0.45 0.00
ERIE_WT_PWR 323693	28.99 0.12 0.00	26.65 -0.13 0.00	24.18 -0.32 0.00	24.00 -0.47 0.00	23.66 -0.73 0.00	23.63 -0.76 0.00	23.69 -0.78 0.00	23.54 -0.88 0.00	25.51 -0.90 0.00	27.88 -1.07 0.00	29.89 -0.67 0.00	31.07 -0.96 0.00	33.58 -1.40 0.00	35.28 -1.28 0.00	35.82 -1.19 0.00	32.82 -1.19 -0.01	36.22 -1.24 0.00	41.08 -2.20 0.66	41.06 -1.91 0.37	37.95 -2.00 -0.01	32.97 -2.10 -0.02	31.84 -1.61 0.19	29.64 -0.98 0.00	29.38 -0.48 0.00
ESPRGFLD_115KV_TB1 80157	30.58 1.70 0.00	28.28 1.50 0.00	25.75 1.25 0.00	25.62 1.15 0.00	25.49 1.10 0.00	25.51 1.12 0.00	25.77 1.30 0.00	25.51 1.10 0.00	27.71 1.29 0.00	30.37 1.42 0.00	32.12 1.56 0.00	33.50 1.47 0.00	36.62 1.64 0.00	38.26 1.65 -0.05	38.74 1.59 -0.13	35.53 1.53 0.00	39.27 1.72 -0.09	46.32 2.15 -0.23	46.02 2.69 0.01	42.51 2.56 -0.02	37.09 2.14 0.10	35.89 2.25 0.01	32.58 1.96 0.00	31.65 1.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.80 0.92 0.00	27.50 0.72 0.00	25.11 0.61 0.00	24.93 0.46 0.00	24.83 0.44 0.00	24.85 0.46 0.00	25.01 0.54 0.00	24.85 0.44 0.00	27.23 0.61 -0.21	29.95 0.55 -0.45	31.73 0.70 -0.46	33.30 0.67 -0.60	36.29 0.73 -0.58	37.83 0.73 -0.54	38.20 0.70 -0.48	34.93 0.68 -0.25	38.32 0.82 -0.04	45.21 1.01 -0.26	45.46 1.17 -0.95	41.76 1.12 -0.71	36.46 0.88 -0.53	34.63 0.94 -0.05	31.62 0.92 -0.08	30.87 0.81 -0.20
ETNA____115KV_TB2 80207	29.80 0.92 0.00	27.50 0.72 0.00	25.11 0.61 0.00	24.93 0.46 0.00	24.83 0.44 0.00	24.85 0.46 0.00	25.01 0.54 0.00	24.85 0.44 0.00	27.23 0.61 -0.21	29.95 0.55 -0.45	31.73 0.70 -0.46	33.30 0.67 -0.60	36.29 0.73 -0.58	37.83 0.73 -0.54	38.20 0.70 -0.48	34.93 0.68 -0.25	38.32 0.82 -0.04	45.21 1.01 -0.26	45.46 1.17 -0.95	41.76 1.12 -0.71	36.46 0.88 -0.53	34.63 0.94 -0.05	31.62 0.92 -0.08	30.87 0.81 -0.20
EUCLID____115KV_TB2 356179	28.67 -0.20 0.00	26.56 -0.21 0.00	24.28 -0.22 0.00	24.15 -0.32 0.00	24.05 -0.34 0.00	24.05 -0.34 0.00	24.18 -0.29 0.00	24.00 -0.42 0.00	26.25 -0.34 -0.18	28.93 -0.41 -0.38	30.68 -0.28 -0.39	32.21 -0.32 -0.50	35.09 -0.38 -0.49	36.66 -0.37 -0.46	37.05 -0.37 -0.41	33.86 -0.34 -0.19	37.11 -0.37 -0.03	43.28 -0.44 0.21	43.17 -0.39 -0.22	39.84 -0.40 -0.31	34.57 -0.42 0.06	33.21 -0.37 0.07	30.41 -0.28 -0.07	29.70 -0.33 -0.17
E_CANADA_CAP_HY 24051	30.92 2.05 0.00	28.57 1.79 0.00	26.04 1.54 0.00	26.01 1.54 0.00	25.85 1.46 0.00	25.83 1.44 0.00	26.02 1.54 0.00	25.71 1.29 0.00	27.81 1.40 0.00	30.43 1.48 0.00	32.12 1.56 0.00	33.50 1.47 0.00	36.66 1.68 0.00	38.30 1.65 -0.09	38.88 1.63 -0.24	35.80 1.60 -0.19	39.34 1.72 -0.16	48.15 2.28 -1.93	50.70 3.29 -4.06	45.88 3.12 -2.83	42.33 2.56 -4.73	36.68 2.79 -0.25	32.95 2.33 0.00	31.98 2.12 0.00
E_CANADA_MHWK_HY 24050	29.82 0.95 0.00	27.64 0.86 0.00	25.28 0.78 0.00	25.27 0.81 0.00	25.19 0.80 0.00	25.22 0.83 0.00	25.33 0.86 0.00	25.20 0.78 0.00	27.28 0.87 0.00	29.88 0.93 0.00	31.57 1.01 0.00	33.02 0.99 0.00	36.03 1.05 0.00	37.63 1.06 0.00	38.01 1.00 0.00	34.89 0.88 0.00	38.43 0.97 0.00	45.08 1.14 0.00	44.55 1.21 0.00	41.09 1.16 0.00	36.03 0.98 0.00	34.69 1.04 0.00	31.63 1.01 0.00	30.85 0.98 0.00
E_FISHKILL____LBMP 23776	30.69 1.82 0.00	28.44 1.66 0.00	26.02 1.52 0.00	25.79 1.32 0.00	25.66 1.27 0.00	25.68 1.29 0.00	26.07 1.59 0.00	25.98 1.56 0.00	28.34 1.93 0.00	31.18 2.23 0.00	32.95 2.38 0.00	34.62 2.59 0.00	37.85 2.87 0.00	39.91 3.03 -0.31	44.16 3.18 -3.96	47.01 3.03 -9.98	52.52 3.33 -11.73	52.33 3.87 -4.52	50.36 3.68 -3.33	45.71 3.35 -2.42	41.48 2.98 -3.45	36.50 2.69 -0.17	33.07 2.45 0.00	32.19 2.33 0.00
FALCON____SEABRD_CC1 323796	28.64 -0.23 0.00	26.62 -0.16 0.00	24.33 -0.17 0.00	24.30 -0.17 0.00	24.29 -0.10 0.00	24.25 -0.15 0.00	24.33 -0.15 0.00	24.29 -0.12 0.00	26.23 -0.18 0.00	28.75 -0.20 0.00	30.14 -0.43 0.00	31.64 -0.38 0.00	34.56 -0.42 0.00	35.98 -0.59 0.00	36.16 -0.85 0.00	33.02 -0.99 0.00	36.40 -1.05 0.00	42.75 -1.18 0.00	42.08 -1.26 0.00	38.90 -1.04 0.00	34.35 -0.70 0.00	32.90 -0.74 0.00	29.86 -0.76 0.00	28.97 -0.90 0.00

FALCON___SEABRD_CC2 323797	28.64 -0.23 0.00	26.62 -0.16 0.00	24.33 -0.17 0.00	24.30 -0.17 0.00	24.29 -0.10 0.00	24.25 -0.15 0.00	24.33 -0.15 0.00	24.29 -0.12 0.00	26.23 -0.18 0.00	28.75 -0.20 0.00	30.14 -0.43 0.00	31.64 -0.38 0.00	34.56 -0.42 0.00	35.98 -0.59 0.00	36.16 -0.85 0.00	33.02 -0.99 0.00	36.40 -1.05 0.00	42.75 -1.18 0.00	42.08 -1.26 0.00	38.90 -1.04 0.00	34.35 -0.70 0.00	32.90 -0.74 0.00	29.86 -0.76 0.00	28.97 -0.90 0.00
FAR ROCKAWAY___4 23548	34.70 3.20 -2.62	33.75 2.87 -4.10	32.97 2.57 -5.90	30.07 2.32 -3.29	28.56 2.24 -1.92	29.42 2.27 -2.76	27.12 2.59 -0.05	29.31 2.59 -2.31	33.44 3.14 -3.89	35.12 3.62 -2.55	39.06 4.00 -4.49	43.06 4.36 -6.67	43.50 4.79 -3.73	48.37 4.75 -7.05	47.72 4.96 -5.75	48.56 4.52 -10.03	54.98 4.87 -12.66	57.00 5.71 -7.35	53.16 5.29 -4.54	48.24 4.83 -3.47	43.30 4.35 -3.91	40.69 4.41 -2.64	36.00 4.01 -1.36	35.76 3.85 -2.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.33 2.45 0.00	29.00 2.22 0.00	26.48 1.98 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.10 1.71 0.00	26.58 2.10 0.00	26.54 2.12 0.00	29.00 2.59 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.93 3.52 -2.38	38.88 3.88 -0.02	41.54 4.13 -0.85	46.65 4.29 -5.34	48.05 4.01 -10.03	54.56 4.46 -12.65	56.43 5.18 -7.31	52.76 4.90 -4.52	47.87 4.47 -3.46	44.96 4.03 -5.88	37.41 3.60 -0.17	33.94 3.31 -0.01	33.03 3.17 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.36 2.48 0.00	29.00 2.22 0.00	26.51 2.01 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.12 1.73 0.00	26.58 2.10 0.00	26.54 2.12 0.00	29.00 2.59 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.93 3.52 -2.38	38.88 3.88 -0.02	41.54 4.13 -0.85	46.65 4.29 -5.34	48.05 4.01 -10.03	54.56 4.46 -12.65	56.43 5.18 -7.31	52.76 4.90 -4.52	47.87 4.47 -3.46	44.96 4.03 -5.88	37.41 3.60 -0.17	33.94 3.31 -0.01	33.03 3.17 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.33 2.45 0.00	28.97 2.20 0.00	26.48 1.98 0.00	26.20 1.74 0.00	26.05 1.66 0.00	26.10 1.71 0.00	26.56 2.08 0.00	26.51 2.10 0.00	29.00 2.59 0.00	31.95 2.98 -0.02	33.82 3.24 -0.02	37.90 3.49 -2.38	38.84 3.85 -0.02	41.51 4.10 -0.85	46.61 4.26 -5.34	48.01 3.98 -10.03	54.52 4.42 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.92 4.00 -5.88	37.38 3.57 -0.17	33.91 3.28 -0.01	33.00 3.14 -0.01
FARRAGUT___LBMP 323566	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.97 2.56 0.00	31.92 2.95 -0.02	33.79 3.21 -0.02	37.87 3.46 -2.38	38.81 3.81 -0.02	41.47 4.06 -0.85	46.57 4.22 -5.34	47.98 3.94 -10.03	54.48 4.38 -12.65	56.34 5.10 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.89 3.96 -5.88	37.34 3.53 -0.17	33.88 3.25 -0.01	32.98 3.11 -0.01
FENNER___WINDPWR 24204	29.71 0.84 0.00	27.53 0.75 0.00	25.11 0.61 0.00	25.05 0.59 0.00	24.93 0.54 0.00	24.95 0.56 0.00	25.04 0.56 0.00	24.98 0.56 0.00	27.18 0.61 -0.16	29.99 0.69 -0.34	31.68 0.76 -0.35	33.15 0.67 -0.45	36.15 0.74 -0.44	37.70 0.73 -0.41	38.04 0.67 -0.37	34.80 0.61 -0.18	38.23 0.75 -0.03	44.99 0.92 -0.13	44.94 1.00 -0.13	41.40 1.00 -0.60	36.10 0.77 -0.46	34.57 0.91 -0.28	31.51 0.83 -0.02	30.79 0.78 -0.15
FIBERTEK___ENERGY 23856	29.02 0.14 0.00	26.86 0.08 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.32 -0.07 0.00	24.32 -0.07 0.00	24.43 -0.05 0.00	24.27 -0.15 0.00	26.78 -0.03 -0.39	29.76 -0.03 -0.83	31.55 0.12 -0.86	33.23 0.10 -1.10	36.13 0.07 -1.07	37.67 0.11 -1.00	37.98 0.07 -0.90	34.49 0.07 -0.42	37.60 0.07 -0.07	44.65 0.13 -0.58	44.83 0.13 -1.36	40.92 0.08 -0.90	35.32 0.00 -0.27	33.82 0.03 -0.14	30.86 0.09 -0.14	30.23 0.00 -0.37
FITZPATRICK____ 23598	28.15 -0.72 0.00	26.16 -0.61 0.00	23.91 -0.59 0.00	23.85 -0.61 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.82 -0.66 0.00	23.68 -0.73 0.00	23.48 -0.77 2.17	23.50 -0.84 4.61	25.00 -0.79 4.77	25.00 -0.90 6.13	28.00 -1.02 5.96	30.00 -1.02 5.54	31.00 -1.04 4.97	30.78 -0.95 2.28	36.00 -1.05 0.40	40.00 -1.23 2.71	36.00 -1.17 6.17	34.77 -1.12 4.05	34.20 -1.02 -0.16	32.00 -0.94 0.70	29.00 -0.83 0.80	27.00 -0.80 2.06
FLOWRFLD_69_KV_BK1 356044	34.53 3.03 -2.62	33.59 2.70 -4.10	32.85 2.45 -5.90	29.98 2.23 -3.29	28.49 2.17 -1.92	29.34 2.20 -2.76	27.10 2.57 -0.05	29.26 2.54 -2.31	33.34 3.04 -3.89	35.00 3.50 -2.55	38.68 3.76 -4.35	57.61 4.04 -21.54	72.75 4.41 -33.36	126.61 4.72 -85.33	159.84 4.89 -117.95	159.53 4.49 -121.04	157.61 4.79 -115.37	156.99 5.76 -107.30	78.14 5.24 -29.56	48.26 4.83 -3.49	45.94 4.49 -6.41	45.08 4.17 -7.27	35.82 3.83 -1.36	35.55 3.64 -2.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.07 2.19 0.00	28.79 2.01 0.00	26.34 1.84 0.00	26.10 1.64 0.00	25.95 1.56 0.00	25.98 1.59 0.00	26.38 1.91 0.00	26.25 1.83 0.00	28.55 2.14 0.00	31.50 2.55 0.00	33.28 2.72 0.00	34.91 2.88 0.00	38.30 3.32 0.00	40.19 3.55 -0.08	40.84 3.63 -0.20	37.57 3.43 -0.13	41.45 3.86 -0.13	49.84 4.53 -1.37	50.41 4.33 -2.73	45.80 3.95 -1.91	41.67 3.47 -3.15	36.93 3.13 -0.16	33.50 2.88 0.00	32.64 2.78 0.00
FORT ORANGE____ 23900	29.82 0.95 0.00	27.58 0.80 0.00	25.33 0.83 0.00	25.30 0.83 0.00	25.19 0.80 0.00	25.19 0.80 0.00	25.33 0.86 0.00	25.22 0.80 0.00	27.36 0.95 0.00	29.91 0.95 0.00	31.57 1.01 0.00	33.05 1.02 0.00	36.17 1.19 0.00	37.99 1.28 -0.15	38.69 1.29 -0.38	35.46 1.29 -0.17	39.09 1.39 -0.25	47.69 1.76 -1.99	48.69 1.78 -3.57	44.13 1.68 -2.52	40.41 1.33 -4.03	35.26 1.41 -0.21	31.85 1.23 0.00	31.00 1.13 0.00
FORT_DRUM_COGEN 23780	28.61 -0.26 0.00	26.48 -0.29 0.00	24.16 -0.34 0.00	24.07 -0.39 0.00	24.00 -0.39 0.00	24.00 -0.39 0.00	24.11 -0.37 0.00	23.93 -0.49 0.00	26.14 -0.58 -0.31	29.04 -0.58 -0.66	30.64 -0.61 -0.69	32.08 -0.83 -0.88	34.79 -1.05 -0.86	36.23 -1.13 -0.80	36.47 -1.26 -0.72	33.12 -1.22 -0.34	36.20 -1.31 -0.06	43.31 -1.23 -0.60	43.61 -0.91 -1.18	40.14 -0.52 -0.73	34.79 -0.49 -0.23	33.66 -0.13 -0.15	30.49 -0.24 -0.11	29.74 -0.42 -0.30
FOX_HILLS___ESR 323835	31.49 2.60 -0.02	29.20 2.41 -0.01	26.66 2.16 -0.01	26.38 1.91 -0.01	26.23 1.83 -0.01	26.20 1.80 0.00	26.58 2.10 0.00	26.49 2.08 0.00	28.97 2.56 0.00	34.69 3.04 -2.70	39.10 3.36 -5.17	39.24 3.62 -3.59	38.95 3.95 -0.02	41.47 4.06 -0.85	46.65 4.29 -5.34	48.01 3.98 -10.03	54.65 4.49 -12.70	56.53 5.23 -7.36	52.90 4.98 -4.57	47.95 4.55 -3.46	45.02 4.03 -5.94	37.52 3.70 -0.18	38.80 3.40 -4.78	33.15 3.23 -0.07
FPL FAR_ROCK_GT1 24212	34.70 3.20 -2.62	33.72 2.84 -4.10	33.00 2.60 -5.90	30.22 2.47 -3.29	28.68 2.37 -1.92	29.54 2.39 -2.76	27.12 2.59 -0.05	29.41 2.69 -2.31	33.44 3.14 -3.89	35.00 3.50 -2.55	39.02 3.97 -4.49	43.05 4.36 -6.67	43.50 4.79 -3.73	48.37 4.75 -7.05	47.73 4.96 -5.75	48.56 4.52 -10.03	54.98 4.87 -12.66	56.99 5.71 -7.35	53.21 5.33 -4.54	48.24 4.83 -3.47	43.20 4.24 -3.91	40.66 4.37 -2.64	35.97 3.98 -1.36	35.70 3.79 -2.05

FPL FAR_ROCK_GT2 23815	34.70 3.20 -2.62	33.72 2.84 -4.10	33.00 2.60 -5.90	30.22 2.47 -3.29	28.68 2.37 -1.92	29.54 2.39 -2.76	27.12 2.59 -0.05	29.41 2.69 -2.31	33.44 3.14 -3.89	35.00 3.50 -2.55	39.02 3.97 -4.49	43.05 4.36 -6.67	43.50 4.79 -3.73	48.37 4.75 -7.05	47.73 4.96 -5.75	48.56 4.52 -10.03	54.98 4.87 -12.66	56.99 5.71 -7.35	53.21 5.33 -4.54	48.24 4.83 -3.47	43.20 4.24 -3.91	40.66 4.37 -2.64	35.97 3.98 -1.36	35.70 3.79 -2.05
FRANKLIN_FALL_HYD 24054	28.18 -0.69 0.00	26.22 -0.56 0.00	23.96 -0.54 0.00	24.15 -0.32 0.00	24.10 -0.29 0.00	24.03 -0.37 0.00	24.01 -0.47 0.00	24.15 -0.27 0.00	25.91 -0.50 0.00	28.46 -0.49 0.00	29.80 -0.76 0.00	31.26 -0.77 0.00	34.14 -0.84 0.00	35.50 -1.06 0.00	35.75 -1.26 0.00	32.61 -1.39 0.00	35.92 -1.54 0.00	42.22 -1.71 0.00	41.52 -1.82 0.00	38.46 -1.48 0.00	33.89 -1.16 0.00	32.53 -1.11 0.00	29.49 -1.13 0.00	28.64 -1.22 0.00
FREEPORT_EQUUS_GT1 23764	34.41 2.91 -2.62	33.45 2.57 -4.10	32.75 2.35 -5.90	30.00 2.25 -3.29	28.46 2.15 -1.92	29.34 2.20 -2.76	26.95 2.42 -0.05	29.24 2.52 -2.31	33.20 2.91 -3.89	34.71 3.21 -2.55	38.69 3.64 -4.49	42.67 3.97 -6.67	43.08 4.37 -3.73	48.26 4.64 -7.05	47.50 4.74 -5.75	48.35 4.32 -10.03	54.61 4.49 -12.66	56.60 5.31 -7.35	52.77 4.90 -4.53	48.04 4.63 -3.47	43.13 4.17 -3.91	40.32 4.04 -2.64	35.69 3.70 -1.36	35.40 3.49 -2.05
FREEPORT___CT2 23818	34.41 2.91 -2.62	33.45 2.57 -4.10	32.75 2.35 -5.90	30.00 2.25 -3.29	28.46 2.15 -1.92	29.34 2.20 -2.76	26.95 2.42 -0.05	29.24 2.52 -2.31	33.20 2.91 -3.89	34.71 3.21 -2.55	38.69 3.64 -4.49	42.67 3.97 -6.67	43.08 4.37 -3.73	48.26 4.64 -7.05	47.50 4.74 -5.75	48.35 4.32 -10.03	54.61 4.49 -12.66	56.60 5.31 -7.35	52.77 4.90 -4.53	48.04 4.63 -3.47	43.13 4.17 -3.91	40.32 4.04 -2.64	35.69 3.70 -1.36	35.40 3.49 -2.05
FRESHKLS_33_KV_LOAD 356253	31.46 2.57 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.38 1.91 -0.01	26.23 1.83 -0.01	26.20 1.80 0.00	26.56 2.08 0.00	26.44 2.03 0.00	28.91 2.51 0.01	33.31 2.98 -1.38	36.51 3.30 -2.65	37.95 3.56 -2.37	38.91 3.92 -0.01	41.42 4.02 -0.84	46.60 4.26 -5.34	47.97 3.94 -10.02	54.59 4.49 -12.64	56.49 5.23 -7.33	52.86 4.98 -4.54	47.94 4.55 -3.45	44.98 4.07 -5.87	37.47 3.67 -0.17	36.45 3.37 -2.46	33.09 3.17 -0.06
FULTON COGEN____ 23766	28.56 -0.32 0.00	26.48 -0.29 0.00	24.21 -0.29 0.00	24.07 -0.39 0.00	23.98 -0.41 0.00	23.98 -0.41 0.00	24.08 -0.39 0.00	23.90 -0.51 0.00	26.70 -0.42 -0.71	29.96 -0.49 -1.50	31.72 -0.40 -1.55	33.58 -0.45 -2.00	36.40 -0.52 -1.94	37.86 -0.51 -1.81	38.11 -0.52 -1.62	34.29 -0.48 -0.76	37.06 -0.52 -0.13	44.97 -0.62 -1.64	45.66 -0.56 -2.88	41.11 -0.52 -1.69	35.12 -0.53 -0.60	33.59 -0.47 -0.42	30.52 -0.37 -0.26	30.08 -0.45 -0.67
FULTON___LFGE 323630	32.42 3.55 0.00	29.94 3.16 0.00	27.19 2.70 0.00	27.18 2.72 0.00	27.00 2.61 0.00	26.98 2.58 0.00	27.29 2.81 0.00	27.08 2.66 0.00	29.55 3.14 0.00	32.43 3.47 0.00	34.17 3.60 0.00	35.55 3.52 0.00	38.90 3.92 0.00	40.58 3.91 -0.11	41.29 4.00 -0.28	38.00 3.81 -0.19	41.72 4.08 -0.18	51.25 5.36 -1.95	53.57 6.28 -3.94	48.08 5.39 -2.75	43.88 4.27 -4.55	38.55 4.67 -0.24	34.55 3.92 0.00	33.44 3.58 0.00
G.F.CEMENT___DRP 24184	30.78 1.91 0.00	28.47 1.69 0.00	25.97 1.47 0.00	25.81 1.35 0.00	25.71 1.32 0.00	25.71 1.32 0.00	25.99 1.52 0.00	25.78 1.37 0.00	28.18 1.77 0.00	31.01 2.06 0.00	32.52 1.96 0.00	33.92 1.89 0.00	37.11 2.13 0.00	38.64 1.94 -0.14	39.30 1.92 -0.37	36.08 1.90 -0.17	39.57 1.87 -0.25	48.46 2.50 -2.02	50.16 3.12 -3.70	45.33 2.80 -2.60	41.59 2.35 -4.19	36.45 2.59 -0.22	32.77 2.14 0.00	31.86 2.00 0.00
GARDENVILLE___LBMP 24039	28.87 0.00 0.00	26.32 -0.46 0.00	24.01 -0.49 0.00	23.71 -0.76 0.00	23.56 -0.83 0.00	23.51 -0.88 0.00	23.62 -0.86 0.00	23.10 -1.32 0.00	25.43 -0.98 0.00	27.24 -1.71 0.00	29.46 -1.10 0.00	30.71 -1.31 0.00	33.44 -1.54 0.00	35.18 -1.39 0.00	35.68 -1.33 0.00	32.69 -1.33 -0.01	35.92 -1.54 0.00	40.95 -2.33 0.66	40.88 -2.08 0.38	37.83 -2.12 -0.01	32.97 -2.10 -0.02	31.60 -1.85 0.19	29.52 -1.10 0.00	29.20 -0.66 0.00
GARDNVLA_35_KV_LD 355827	29.02 0.14 0.00	26.43 -0.35 0.00	24.13 -0.37 0.00	23.83 -0.64 0.00	23.66 -0.73 0.00	23.61 -0.78 0.00	23.72 -0.76 0.00	23.19 -1.22 0.00	25.54 -0.87 0.00	27.36 -1.59 0.00	29.62 -0.95 0.00	30.87 -1.15 0.00	33.62 -1.36 0.00	35.36 -1.21 0.00	35.90 -1.11 0.00	32.89 -1.12 -0.01	36.10 -1.35 0.00	41.13 -2.15 0.66	41.06 -1.91 0.37	37.99 -1.96 -0.01	33.08 -2.00 -0.02	31.74 -1.72 0.19	29.64 -0.98 0.00	29.35 -0.51 0.00
GELCKHM__115KV_LOAD 80723	28.76 -0.12 0.00	26.67 -0.11 0.00	24.35 -0.15 0.00	24.22 -0.24 0.00	24.15 -0.24 0.00	24.15 -0.24 0.00	24.26 -0.22 0.00	24.07 -0.34 0.00	26.43 -0.24 -0.25	29.20 -0.29 -0.54	30.97 -0.15 -0.56	32.55 -0.19 -0.72	35.47 -0.21 -0.70	36.99 -0.22 -0.65	37.37 -0.22 -0.58	34.07 -0.20 -0.27	37.28 -0.22 -0.05	43.73 -0.26 -0.05	43.74 -0.22 -0.61	40.21 -0.24 -0.51	34.82 -0.28 -0.05	33.41 -0.24 0.00	30.56 -0.15 -0.09	29.89 -0.21 -0.24
GENERAL___MILLS 23808	28.96 0.09 0.00	26.40 -0.37 0.00	24.08 -0.42 0.00	23.78 -0.69 0.00	23.61 -0.78 0.00	23.56 -0.83 0.00	23.67 -0.81 0.00	23.15 -1.27 0.00	25.51 -0.90 0.00	27.30 -1.65 0.00	29.56 -1.01 0.00	30.81 -1.22 0.00	33.55 -1.43 0.00	35.28 -1.28 0.00	35.79 -1.22 0.00	32.79 -1.22 -0.01	36.03 -1.42 0.00	41.04 -2.24 0.66	40.97 -1.99 0.37	37.91 -2.04 -0.01	33.01 -2.07 -0.02	31.67 -1.78 0.19	29.58 -1.04 0.00	29.29 -0.57 0.00
GE_PLASTICS___DRP 24183	29.71 0.84 0.00	27.53 0.75 0.00	25.23 0.73 0.00	25.08 0.61 0.00	25.00 0.61 0.00	25.00 0.61 0.00	25.23 0.76 0.00	25.10 0.68 0.00	27.28 0.87 0.00	29.91 0.96 0.00	31.57 1.01 0.00	33.05 1.02 0.00	36.13 1.15 0.00	37.95 1.24 -0.14	38.65 1.26 -0.38	35.43 1.26 -0.17	39.05 1.35 -0.25	47.55 1.63 -1.99	48.52 1.60 -3.57	43.93 1.48 -2.52	40.31 1.23 -4.03	35.09 1.24 -0.21	31.70 1.07 0.00	30.91 1.05 0.00
GILBOA___1 23756	29.86 0.98 0.00	27.64 0.86 0.00	25.31 0.81 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.22 0.83 0.00	25.31 0.83 0.00	25.25 0.83 0.00	27.39 0.98 0.00	29.99 1.04 0.00	31.73 1.16 0.00	33.28 1.25 0.00	36.38 1.40 0.00	38.15 1.50 -0.08	38.78 1.55 -0.21	35.63 1.49 -0.13	39.20 1.61 -0.14	47.11 1.80 -1.37	47.80 1.78 -2.68	43.41 1.60 -1.88	39.60 1.47 -3.08	35.18 1.38 -0.16	31.88 1.26 0.00	31.03 1.16 0.00
GILBOA___2 23757	29.86 0.98 0.00	27.64 0.86 0.00	25.31 0.81 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.22 0.83 0.00	25.31 0.83 0.00	25.25 0.83 0.00	27.39 0.98 0.00	29.99 1.04 0.00	31.73 1.16 0.00	33.28 1.25 0.00	36.38 1.40 0.00	38.15 1.50 -0.08	38.78 1.55 -0.21	35.63 1.49 -0.13	39.20 1.61 -0.14	47.11 1.80 -1.37	47.80 1.78 -2.68	43.41 1.60 -1.88	39.60 1.47 -3.08	35.18 1.38 -0.16	31.88 1.26 0.00	31.03 1.16 0.00

GILBOA___3 23758	29.86 0.98 0.00	27.64 0.86 0.00	25.31 0.81 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.22 0.83 0.00	25.31 0.83 0.00	25.25 0.83 0.00	27.39 0.98 0.00	29.99 1.04 0.00	31.73 1.16 0.00	33.28 1.25 0.00	36.38 1.40 0.00	38.15 1.50 -0.08	38.78 1.55 -0.21	35.63 1.49 -0.13	39.20 1.61 -0.14	47.11 1.80 -1.37	47.80 1.78 -2.68	43.41 1.60 -1.88	39.60 1.47 -3.08	35.18 1.38 -0.16	31.88 1.26 0.00	31.03 1.16 0.00
GILBOA___4 23759	29.86 0.98 0.00	27.64 0.86 0.00	25.31 0.81 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.22 0.83 0.00	25.31 0.83 0.00	25.25 0.83 0.00	27.39 0.98 0.00	29.99 1.04 0.00	31.73 1.16 0.00	33.28 1.25 0.00	36.38 1.40 0.00	38.15 1.50 -0.08	38.78 1.55 -0.21	35.63 1.49 -0.13	39.20 1.61 -0.14	47.11 1.80 -1.37	47.80 1.78 -2.68	43.41 1.60 -1.88	39.60 1.47 -3.08	35.18 1.38 -0.16	31.88 1.26 0.00	31.03 1.16 0.00
GILBOA___ 23599	29.85 0.98 0.00	27.66 0.88 0.00	25.31 0.81 0.00	25.13 0.66 0.00	25.03 0.63 0.00	25.05 0.66 0.00	25.31 0.83 0.00	25.17 0.76 0.00	27.39 0.98 0.00	30.05 1.10 0.00	31.76 1.19 0.00	33.31 1.28 0.00	36.38 1.40 0.00	38.15 1.50 -0.08	38.78 1.55 -0.21	35.63 1.50 -0.13	39.24 1.65 -0.14	47.11 1.80 -1.37	47.80 1.78 -2.68	43.41 1.60 -1.88	39.60 1.47 -3.08	35.18 1.38 -0.16	31.88 1.26 0.00	31.06 1.19 0.00
GINNA___ 23603	27.83 -1.04 0.00	25.68 -1.10 0.00	23.35 -1.15 0.00	23.27 -1.20 0.00	23.05 -1.34 0.00	23.03 -1.37 0.00	23.08 -1.39 0.00	23.02 -1.39 0.00	24.99 -1.43 0.00	27.42 -1.54 0.00	29.19 -1.37 0.00	30.52 -1.50 0.00	33.16 -1.82 0.00	34.77 -1.79 0.00	35.35 -1.66 0.00	32.20 -1.80 0.00	35.62 -1.83 0.00	40.91 -2.20 0.83	40.69 -2.04 0.62	37.66 -2.16 0.12	32.75 -2.10 0.19	31.63 -1.78 0.23	29.06 -1.56 0.00	28.49 -1.37 0.00
GLEN PARK___ 23778	28.82 -0.06 0.00	26.70 -0.08 0.00	24.30 -0.20 0.00	24.24 -0.22 0.00	24.15 -0.24 0.00	24.15 -0.24 0.00	24.26 -0.22 0.00	24.07 -0.34 0.00	26.27 -0.47 -0.33	29.27 -0.38 -0.70	30.86 -0.43 -0.72	32.22 -0.74 -0.93	34.94 -0.94 -0.90	36.38 -1.02 -0.84	36.62 -1.15 -0.75	33.20 -1.16 -0.35	36.31 -1.20 -0.06	43.52 -1.05 -0.64	43.89 -0.70 -1.24	40.42 -0.28 -0.76	34.97 -0.32 -0.24	33.90 0.10 -0.16	30.68 -0.06 -0.12	30.05 -0.12 -0.31
GLENDALE_27_KV_LOAD 356172	31.56 2.69 0.00	29.19 2.41 0.00	26.68 2.18 0.00	26.40 1.93 0.00	26.22 1.83 0.00	26.22 1.83 0.00	26.68 2.20 0.00	26.64 2.22 0.00	29.13 2.72 0.00	32.15 3.18 -0.02	34.06 3.48 -0.02	38.20 3.72 -2.45	39.05 4.06 -0.02	41.69 4.28 -0.85	46.79 4.44 -5.34	48.15 4.11 -10.03	54.75 4.64 -12.65	56.61 5.36 -7.31	52.97 5.11 -4.52	48.07 4.67 -3.46	45.16 4.17 -5.94	37.65 3.84 -0.17	34.15 3.52 -0.01	33.24 3.37 -0.01
GLENWOOD_IC_1_G5 23712	34.36 2.86 -2.62	33.45 2.57 -4.10	32.73 2.33 -5.90	29.83 2.08 -3.29	28.32 2.00 -1.92	29.20 2.05 -2.76	26.93 2.40 -0.05	29.12 2.39 -2.31	33.20 2.91 -3.89	34.83 3.33 -2.55	38.75 3.70 -4.49	42.61 3.91 -6.67	42.87 4.16 -3.73	48.08 4.46 -7.05	47.39 4.63 -5.75	48.25 4.22 -10.03	54.65 4.53 -12.66	56.60 5.32 -7.35	52.73 4.85 -4.54	47.88 4.47 -3.47	43.30 4.35 -3.91	40.32 4.04 -2.64	35.66 3.67 -1.36	35.44 3.52 -2.05
GLENWOOD_IC_2_G1 23688	34.24 2.74 -2.62	33.32 2.44 -4.10	32.65 2.25 -5.90	29.90 2.15 -3.29	28.39 2.07 -1.92	29.25 2.10 -2.76	26.86 2.33 -0.05	29.14 2.42 -2.31	33.10 2.80 -3.89	34.60 3.10 -2.55	38.56 3.51 -4.49	42.51 3.81 -6.67	42.90 4.20 -3.73	48.08 4.46 -7.05	47.39 4.63 -5.75	48.28 4.25 -10.03	54.64 4.53 -12.66	56.64 5.36 -7.35	52.82 4.94 -4.54	47.96 4.55 -3.47	42.95 3.99 -3.91	40.15 3.87 -2.64	35.51 3.52 -1.36	35.26 3.34 -2.05
GLENWOOD_IC_3_G1 23689	34.24 2.74 -2.62	33.32 2.44 -4.10	32.65 2.25 -5.90	29.90 2.15 -3.29	28.39 2.07 -1.92	29.25 2.10 -2.76	26.86 2.33 -0.05	29.14 2.42 -2.31	33.10 2.80 -3.89	34.60 3.10 -2.55	38.56 3.51 -4.49	42.51 3.81 -6.67	42.90 4.20 -3.73	48.08 4.46 -7.05	47.39 4.63 -5.75	48.28 4.25 -10.03	54.64 4.53 -12.66	56.64 5.36 -7.35	52.82 4.94 -4.54	47.96 4.55 -3.47	42.95 3.99 -3.91	40.15 3.87 -2.64	35.51 3.52 -1.36	35.26 3.34 -2.05
GLENWOOD___4 23550	34.36 2.86 -2.62	33.45 2.57 -4.10	32.73 2.33 -5.90	29.83 2.08 -3.29	28.32 2.00 -1.92	29.20 2.05 -2.76	26.93 2.40 -0.05	29.12 2.39 -2.31	33.20 2.91 -3.89	34.83 3.33 -2.55	38.75 3.70 -4.49	42.64 3.94 -6.67	42.98 4.27 -3.73	48.15 4.53 -7.05	47.50 4.74 -5.75	48.35 4.32 -10.03	54.76 4.64 -12.66	56.69 5.40 -7.35	52.86 4.98 -4.54	48.00 4.59 -3.47	43.30 4.35 -3.91	40.32 4.04 -2.64	35.66 3.67 -1.36	35.44 3.52 -2.05
GLENWOOD___5 23614	34.36 2.86 -2.62	33.45 2.57 -4.10	32.73 2.33 -5.90	29.83 2.08 -3.29	28.32 2.00 -1.92	29.20 2.05 -2.76	26.93 2.40 -0.05	29.12 2.39 -2.31	33.20 2.91 -3.89	34.83 3.33 -2.55	38.75 3.70 -4.49	42.64 3.94 -6.67	42.98 4.27 -3.73	48.15 4.53 -7.05	47.50 4.74 -5.75	48.35 4.32 -10.03	54.76 4.64 -12.66	56.69 5.40 -7.35	52.86 4.98 -4.54	48.00 4.59 -3.47	43.30 4.35 -3.91	40.32 4.04 -2.64	35.66 3.67 -1.36	35.44 3.52 -2.05
GLOBAL GREEN_PORT_GT1 23814	35.25 3.75 -2.62	34.09 3.21 -4.10	33.24 2.84 -5.90	30.44 2.69 -3.29	28.90 2.58 -1.92	29.78 2.64 -2.76	27.39 2.86 -0.05	29.68 2.95 -2.31	33.84 3.54 -3.89	35.61 4.11 -2.55	39.86 4.89 -4.40	55.35 5.51 -17.81	67.00 6.12 -25.90	108.68 6.51 -65.61	133.44 6.74 -89.69	133.24 6.16 -93.08	133.54 6.59 -89.50	133.92 7.86 -82.12	73.87 7.28 -23.25	50.05 6.63 -3.48	46.36 5.54 -5.78	47.36 5.28 -8.44	36.55 4.56 -1.36	36.21 4.30 -2.05
GLOBE___DSASP 323697	27.72 -1.15 0.00	25.31 -1.47 0.00	23.10 -1.40 0.00	22.83 -1.64 0.00	22.66 -1.73 0.00	22.61 -1.78 0.00	22.71 -1.76 0.00	22.12 -2.30 0.00	24.40 -2.01 0.00	26.00 -2.95 0.00	28.18 -2.38 0.00	29.43 -2.59 0.00	32.04 -2.94 0.00	33.68 -2.89 0.00	34.23 -2.78 0.00	31.32 -2.69 -0.01	34.34 -3.11 0.00	39.38 -3.82 0.73	39.32 -3.55 0.46	36.39 -3.51 0.03	31.67 -3.33 0.05	30.44 -2.99 0.21	28.30 -2.33 0.00	28.10 -1.76 0.00
GOETHSLN___LBMP 323567	31.18 2.31 0.00	28.84 2.06 0.00	26.34 1.84 0.00	26.08 1.61 0.00	25.93 1.54 0.00	25.95 1.56 0.00	26.43 1.96 0.00	26.42 2.00 0.00	28.89 2.48 0.00	31.86 2.90 -0.02	33.70 3.12 -0.02	37.74 3.33 -2.38	38.63 3.64 -0.02	41.29 3.88 -0.85	46.39 4.03 -5.34	47.81 3.77 -10.03	54.30 4.19 -12.65	56.12 4.88 -7.31	52.45 4.59 -4.52	47.59 4.19 -3.46	44.71 3.79 -5.88	37.21 3.40 -0.17	33.79 3.15 -0.01	32.92 3.05 -0.01
GOLAH___69_KV_TB 1_2 80279	29.05 0.17 0.00	26.62 -0.16 0.00	24.28 -0.22 0.00	24.05 -0.42 0.00	23.93 -0.46 0.00	23.93 -0.46 0.00	23.99 -0.49 0.00	23.56 -0.85 0.00	25.80 -0.61 0.00	27.82 -1.13 0.00	29.80 -0.76 0.00	31.13 -0.90 0.00	33.93 -1.05 0.00	35.58 -0.99 0.00	36.23 -0.78 0.00	33.09 -0.92 0.00	36.44 -1.01 0.00	42.05 -1.05 0.83	41.91 -0.82 0.60	38.91 -0.92 0.11	33.89 -0.98 0.18	32.60 -0.81 0.23	30.04 -0.58 0.00	29.53 -0.33 0.00

GOODYEAR_LAKE_HYD 323669	30.32 1.44 0.00	28.04 1.26 0.00	25.58 1.08 0.00	25.42 0.95 0.00	25.32 0.93 0.00	25.34 0.95 0.00	25.60 1.13 0.00	25.44 1.03 0.00	27.65 1.24 0.00	30.34 1.39 0.00	32.09 1.53 0.00	33.53 1.51 0.00	36.62 1.64 0.00	38.28 1.72 0.00	38.64 1.63 0.00	35.57 1.53 -0.03	39.25 1.80 0.00	46.30 2.11 -0.25	46.27 2.25 -0.68	42.52 2.12 -0.47	37.69 1.82 -0.82	35.54 1.85 -0.04	32.28 1.65 0.00	31.41 1.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.48 0.61 0.00	27.21 0.43 0.00	24.82 0.32 0.00	24.61 0.15 0.00	24.51 0.12 0.00	24.51 0.12 0.00	24.70 0.22 0.00	24.51 0.10 0.00	26.87 0.32 -0.14	29.46 0.20 -0.31	31.31 0.43 -0.32	32.82 0.38 -0.41	35.76 0.38 -0.40	37.33 0.44 -0.32	37.71 0.48 -0.21	34.63 0.44 -0.18	37.93 0.52 0.05	44.36 0.44 0.02	44.70 0.52 -0.84	41.00 0.44 -0.62	36.09 0.32 -0.73	34.01 0.34 -0.03	31.17 0.49 -0.05	30.48 0.48 -0.14
GOUDEY___7 23579	29.51 0.64 0.00	27.23 0.46 0.00	24.84 0.34 0.00	24.64 0.17 0.00	24.54 0.15 0.00	24.54 0.15 0.00	24.72 0.24 0.00	24.54 0.12 0.00	26.90 0.34 -0.14	29.49 0.23 -0.31	31.34 0.46 -0.32	32.88 0.45 -0.41	35.83 0.45 -0.40	37.40 0.51 -0.32	37.74 0.52 -0.21	34.70 0.51 -0.18	37.96 0.56 0.05	44.45 0.53 0.02	44.74 0.56 -0.84	41.04 0.48 -0.62	36.13 0.35 -0.73	34.04 0.37 -0.03	31.20 0.52 -0.05	30.51 0.51 -0.14
GOUDEY___8 23580	29.48 0.61 0.00	27.21 0.43 0.00	24.82 0.32 0.00	24.61 0.15 0.00	24.51 0.12 0.00	24.51 0.12 0.00	24.70 0.22 0.00	24.51 0.10 0.00	26.87 0.32 -0.14	29.46 0.20 -0.31	31.31 0.43 -0.32	32.82 0.38 -0.41	35.76 0.38 -0.40	37.33 0.44 -0.32	37.71 0.48 -0.21	34.63 0.44 -0.18	37.93 0.52 0.05	44.36 0.44 0.02	44.70 0.52 -0.84	41.00 0.44 -0.62	36.09 0.32 -0.73	34.01 0.34 -0.03	31.17 0.49 -0.05	30.48 0.48 -0.14
GOWANUS_GT1_1 24077	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT1_2 24078	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT1_3 24079	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT1_4 24080	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT1_5 24084	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT1_6 24111	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT1_7 24112	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT1_8 24113	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT2_1 24114	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT2_2 24115	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT2_3 24116	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07

GOWANUS_GT2_4 24117	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT2_5 24118	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT2_6 24119	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT2_7 24120	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT2_8 24121	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_1 24122	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_2 24123	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_3 24124	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_4 24125	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_5 24126	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_6 24127	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_7 24128	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT3_8 24129	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
GOWANUS_GT4_1 24130	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT4_2 24131	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07

GOWANUS_GT4_3 24132	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT4_4 24133	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT4_5 24134	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT4_6 24135	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT4_7 24136	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GOWANUS_GT4_8 24137	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GREENBSH_115KV_TB3 55895	29.62 0.75 0.00	27.45 0.67 0.00	25.19 0.69 0.00	25.03 0.56 0.00	24.93 0.54 0.00	24.95 0.56 0.00	25.16 0.69 0.00	25.05 0.63 0.00	27.23 0.82 0.00	29.82 0.87 0.00	31.48 0.92 0.00	32.96 0.93 0.00	36.03 1.05 0.00	37.85 1.13 -0.15	38.55 1.15 -0.40	35.33 1.16 -0.17	38.95 1.24 -0.26	47.46 1.49 -2.03	48.46 1.52 -3.60	43.83 1.36 -2.54	40.23 1.12 -4.06	35.03 1.18 -0.21	31.60 0.98 0.00	30.79 0.93 0.00
GREENDGE_115KV_TB5 80291	29.42 0.55 0.00	27.13 0.35 0.00	24.74 0.24 0.00	24.51 0.05 0.00	24.42 0.02 0.00	24.42 0.02 0.00	24.55 0.07 0.00	24.34 -0.07 0.00	26.69 0.16 -0.12	28.97 -0.23 -0.25	30.89 0.06 -0.26	32.40 0.03 -0.34	35.27 -0.03 -0.33	36.90 0.04 -0.30	37.36 0.07 -0.27	34.14 0.00 -0.14	37.55 0.07 -0.02	43.81 0.09 0.22	43.96 0.35 -0.27	40.49 0.20 -0.35	35.27 0.00 -0.22	33.67 0.10 0.08	30.91 0.24 -0.04	30.15 0.18 -0.11
GREENIDGE___3 23582	29.42 0.55 0.00	27.13 0.35 0.00	24.74 0.24 0.00	24.51 0.05 0.00	24.42 0.02 0.00	24.42 0.02 0.00	24.55 0.07 0.00	24.34 -0.07 0.00	26.69 0.16 -0.12	28.97 -0.23 -0.25	30.89 0.06 -0.26	32.40 0.03 -0.34	35.27 -0.03 -0.33	36.90 0.04 -0.30	37.36 0.07 -0.27	34.14 0.00 -0.14	37.55 0.07 -0.02	43.81 0.09 0.22	43.96 0.35 -0.27	40.49 0.20 -0.35	35.27 0.00 -0.22	33.67 0.10 0.08	30.91 0.24 -0.04	30.15 0.18 -0.11
GREENIDGE___4 23583	29.45 0.58 0.00	27.23 0.45 0.00	24.79 0.30 0.00	24.66 0.19 0.00	24.46 0.07 0.00	24.46 0.07 0.00	24.55 0.07 0.00	24.54 0.12 0.00	26.69 0.16 -0.12	29.23 0.03 -0.25	31.07 0.24 -0.26	32.49 0.13 -0.34	35.27 -0.03 -0.33	36.90 0.04 -0.30	37.36 0.07 -0.27	34.14 0.00 -0.14	37.63 0.15 -0.02	43.85 0.13 0.22	43.96 0.35 -0.27	40.49 0.20 -0.35	35.24 -0.04 -0.22	33.70 0.14 0.08	30.94 0.28 -0.04	30.42 0.45 -0.11
GREENLWN_69_KV_BK 3 55738	34.01 2.51 -2.62	33.21 2.33 -4.10	32.53 2.13 -5.90	29.66 1.91 -3.29	28.17 1.85 -1.92	29.03 1.88 -2.76	26.78 2.25 -0.05	28.97 2.25 -2.31	32.99 2.69 -3.89	34.51 3.01 -2.55	37.89 3.21 -4.12	39.40 3.52 -3.85	37.76 3.92 1.14	35.10 4.28 5.74	28.91 4.48 12.58	29.97 4.08 8.11	37.67 4.34 4.13	40.22 5.27 8.99	48.47 4.68 -0.44	47.64 4.23 -3.47	42.44 3.89 -3.50	39.05 3.53 -1.88	35.20 3.22 -1.36	35.02 3.11 -2.05
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07
GRISSOM___SOLAR 323813	32.42 3.55 0.00	29.94 3.16 0.00	27.19 2.70 0.00	27.18 2.72 0.00	27.00 2.61 0.00	26.98 2.58 0.00	27.29 2.81 0.00	27.08 2.66 0.00	29.55 3.14 0.00	32.43 3.47 0.00	34.17 3.60 0.00	35.55 3.52 0.00	38.90 3.92 0.00	40.58 3.91 -0.11	41.29 4.00 -0.28	38.00 3.81 -0.19	41.72 4.08 -0.18	51.25 5.36 -1.95	53.57 6.28 -3.94	48.08 5.39 -2.75	43.88 4.27 -4.55	38.55 4.67 -0.24	34.55 3.92 0.00	33.44 3.58 0.00
GROVEVILLE___HYD 323602	31.07 2.19 0.00	28.79 2.01 0.00	26.34 1.84 0.00	26.10 1.64 0.00	25.95 1.56 0.00	25.98 1.59 0.00	26.38 1.91 0.00	26.25 1.83 0.00	28.55 2.14 0.00	31.50 2.55 0.00	33.28 2.72 0.00	34.91 2.88 0.00	38.30 3.32 0.00	40.19 3.55 -0.08	40.84 3.63 -0.20	37.57 3.43 -0.13	41.45 3.86 -0.13	49.84 4.53 -1.37	50.41 4.33 -2.73	45.80 3.95 -1.91	41.67 3.47 -3.15	36.93 3.13 -0.16	33.50 2.88 0.00	32.64 2.78 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.02 0.14 0.00	26.86 0.08 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.32 -0.07 0.00	24.32 -0.07 0.00	24.43 -0.05 0.00	24.27 -0.15 0.00	26.78 -0.03 -0.39	29.76 -0.03 -0.83	31.55 0.12 -0.86	33.23 0.10 -1.10	36.13 0.07 -1.07	37.67 0.11 -1.00	37.98 0.07 -0.90	34.49 0.07 -0.42	37.60 0.07 -0.07	44.65 0.13 -0.58	44.83 0.13 -1.36	40.92 0.08 -0.90	35.32 0.00 -0.27	33.82 0.03 -0.14	30.86 0.09 -0.14	30.23 0.00 -0.37

HAMLTNNY_34_KV_TB 80303	29.10 0.23 0.00	26.91 0.13 0.00	24.57 0.07 0.00	24.44 -0.02 0.00	24.34 -0.05 0.00	24.34 -0.05 0.00	24.48 0.00 0.00	24.32 -0.10 0.00	26.84 0.03 -0.40	29.78 -0.03 -0.85	31.60 0.15 -0.88	33.32 0.16 -1.13	36.22 0.14 -1.10	37.77 0.18 -1.02	38.11 0.19 -0.92	34.57 0.14 -0.43	37.72 0.19 -0.07	44.76 0.22 -0.60	45.01 0.26 -1.41	41.03 0.16 -0.93	35.42 0.07 -0.30	33.89 0.10 -0.15	30.93 0.15 -0.15	30.30 0.06 -0.38
HAMPSHIRE___PAPER_HYD 323593	27.78 -1.10 0.00	25.79 -0.99 0.00	23.54 -0.96 0.00	23.54 -0.93 0.00	23.49 -0.90 0.00	23.46 -0.93 0.00	23.57 -0.91 0.00	23.49 -0.93 0.00	25.46 -1.08 -0.13	28.10 -1.13 -0.28	29.54 -1.31 -0.28	30.92 -1.47 -0.37	33.69 -1.64 -0.36	35.07 -1.83 -0.33	35.34 -1.96 -0.30	32.21 -1.94 -0.14	35.38 -2.10 -0.02	41.84 -2.29 -0.19	41.65 -2.12 -0.43	38.47 -1.76 -0.29	33.65 -1.47 -0.07	32.44 -1.24 -0.05	29.42 -1.26 -0.05	28.70 -1.28 -0.12
HARDSCRABBLE_WT_PWR 323673	29.68 0.81 0.00	27.50 0.72 0.00	25.16 0.66 0.00	25.15 0.68 0.00	25.07 0.68 0.00	25.10 0.71 0.00	25.21 0.73 0.00	25.10 0.68 0.00	27.15 0.74 0.00	29.76 0.81 0.00	31.45 0.89 0.00	32.89 0.87 0.00	35.89 0.91 0.00	37.48 0.91 0.00	37.86 0.85 0.00	34.75 0.75 0.00	38.24 0.79 0.00	44.90 0.97 0.00	44.34 1.00 0.00	40.89 0.96 0.00	35.86 0.81 0.00	34.51 0.87 0.00	31.45 0.83 0.00	30.70 0.83 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.87 1.99 0.00	28.60 1.82 0.00	26.17 1.67 0.00	25.91 1.44 0.00	25.78 1.39 0.00	25.81 1.41 0.00	26.21 1.74 0.00	26.08 1.66 0.00	28.42 2.01 0.00	31.27 2.32 0.00	33.07 2.51 0.00	34.69 2.66 0.00	38.02 3.04 0.00	38.77 3.22 1.02	37.63 3.29 2.67	37.14 3.13 -0.01	39.20 3.52 1.77	43.50 4.13 4.57	47.15 3.90 0.10	42.99 3.55 0.50	39.98 3.15 -1.77	36.65 2.86 -0.15	33.29 2.66 0.00	32.40 2.54 0.00
HARSNRAD_115KV_TB1 81005	28.58 -0.29 0.00	26.06 -0.72 0.00	23.76 -0.73 0.00	23.49 -0.98 0.00	23.29 -1.10 0.00	23.27 -1.12 0.00	23.33 -1.15 0.00	22.73 -1.68 0.00	25.04 -1.37 0.00	26.72 -2.23 0.00	28.94 -1.62 0.00	30.23 -1.79 0.00	32.92 -2.06 0.00	34.59 -1.97 0.00	35.16 -1.85 0.00	32.17 -1.84 -0.01	35.32 -2.13 0.00	40.39 -2.81 0.73	40.31 -2.56 0.47	37.34 -2.56 0.04	32.50 -2.49 0.06	31.25 -2.19 0.21	29.06 -1.56 0.00	28.82 -1.05 0.00
HARZA MOOSE___RIVER 24016	29.31 0.43 0.00	27.15 0.37 0.00	24.79 0.29 0.00	24.71 0.24 0.00	24.64 0.24 0.00	24.66 0.27 0.00	24.77 0.29 0.00	24.66 0.24 0.00	26.79 0.26 -0.11	29.51 0.32 -0.23	31.11 0.31 -0.24	32.53 0.19 -0.31	35.46 0.17 -0.30	36.99 0.15 -0.28	37.26 0.00 -0.25	34.09 -0.03 -0.12	37.51 0.04 -0.02	44.32 0.22 -0.17	44.08 0.35 -0.39	40.67 0.48 -0.26	35.49 0.35 -0.09	34.25 0.57 -0.04	31.09 0.43 -0.04	30.29 0.33 -0.10
HDSNBRDG_115KV_BRDG_TB1 355580	28.82 -0.06 0.00	26.70 -0.08 0.00	24.38 -0.12 0.00	24.25 -0.22 0.00	24.15 -0.24 0.00	24.15 -0.24 0.00	24.28 -0.20 0.00	24.10 -0.32 0.00	26.41 -0.21 -0.21	29.14 -0.26 -0.45	30.91 -0.12 -0.47	32.47 -0.16 -0.60	35.35 -0.21 -0.58	36.89 -0.22 -0.54	37.31 -0.19 -0.49	34.06 -0.17 -0.23	37.31 -0.19 -0.04	43.65 -0.22 0.06	43.55 -0.22 -0.43	40.11 -0.24 -0.41	34.78 -0.28 -0.01	33.38 -0.24 0.03	30.58 -0.12 -0.08	29.88 -0.18 -0.20
HELLGATE_13_KV_LD 55870	31.42 2.54 0.00	29.06 2.28 0.00	26.56 2.06 0.00	26.28 1.81 0.00	26.12 1.73 0.00	26.10 1.71 0.00	26.56 2.08 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.91 3.93 -5.94	37.45 3.63 -0.17	33.94 3.31 -0.01	33.06 3.20 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.42 2.54 0.00	29.06 2.28 0.00	26.56 2.06 0.00	26.28 1.81 0.00	26.12 1.73 0.00	26.10 1.71 0.00	26.56 2.08 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.40 3.99 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.91 3.93 -5.94	37.45 3.63 -0.17	33.94 3.31 -0.01	33.06 3.20 -0.01
HEMPSTEAD____ 23647	34.18 2.69 -2.62	33.26 2.38 -4.10	32.58 2.18 -5.90	29.83 2.08 -3.29	28.32 2.00 -1.92	29.17 2.02 -2.76	26.78 2.25 -0.05	29.07 2.34 -2.31	33.05 2.75 -3.89	34.54 3.04 -2.55	38.47 3.42 -4.49	42.41 3.71 -6.67	42.80 4.09 -3.73	47.97 4.35 -7.05	47.28 4.51 -5.75	48.15 4.11 -10.03	54.49 4.38 -12.66	56.47 5.18 -7.35	52.64 4.77 -4.53	47.80 4.39 -3.47	42.85 3.89 -3.91	40.05 3.77 -2.64	35.45 3.46 -1.36	35.17 3.26 -2.05
HEWLETT_69_KV_BK3 55828	34.50 3.00 -2.62	33.59 2.70 -4.10	32.83 2.43 -5.90	29.93 2.18 -3.29	28.41 2.10 -1.92	29.29 2.15 -2.76	27.00 2.47 -0.05	29.19 2.47 -2.31	33.28 2.98 -3.89	34.92 3.42 -2.55	38.84 3.79 -4.49	42.80 4.10 -6.67	43.22 4.51 -3.73	48.22 4.61 -7.05	47.54 4.77 -5.75	48.42 4.39 -10.03	54.83 4.72 -12.66	56.82 5.54 -7.35	52.99 5.11 -4.54	48.12 4.71 -3.47	43.20 4.24 -3.91	40.42 4.14 -2.64	35.79 3.80 -1.36	35.55 3.64 -2.05
HICKLING___1 23621	29.68 0.81 0.00	27.23 0.46 0.00	24.82 0.32 0.00	24.54 0.07 0.00	24.42 0.02 0.00	24.42 0.02 0.00	24.57 0.10 0.00	24.34 -0.07 0.00	26.74 0.21 -0.12	29.15 -0.06 -0.25	31.13 0.31 -0.26	32.59 0.22 -0.34	35.48 0.17 -0.33	37.05 0.22 -0.27	37.45 0.26 -0.18	34.39 0.24 -0.15	37.68 0.26 0.04	43.75 0.04 0.23	44.02 0.22 -0.47	40.49 0.12 -0.43	35.47 -0.04 -0.45	33.67 0.07 0.03	31.10 0.43 -0.04	30.39 0.42 -0.11
HICKLING___2 23622	29.68 0.81 0.00	27.23 0.46 0.00	24.82 0.32 0.00	24.54 0.07 0.00	24.42 0.02 0.00	24.42 0.02 0.00	24.57 0.10 0.00	24.34 -0.07 0.00	26.74 0.21 -0.12	29.15 -0.06 -0.25	31.13 0.31 -0.26	32.59 0.22 -0.34	35.48 0.17 -0.33	37.05 0.22 -0.27	37.45 0.26 -0.18	34.39 0.24 -0.15	37.68 0.26 0.04	43.75 0.04 0.23	44.02 0.22 -0.47	40.49 0.12 -0.43	35.47 -0.04 -0.45	33.67 0.07 0.03	31.10 0.43 -0.04	30.39 0.42 -0.11
HIGH FALLS___HY 23754	30.92 2.05 0.00	28.63 1.85 0.00	26.21 1.71 0.00	25.93 1.47 0.00	25.81 1.41 0.00	25.83 1.44 0.00	26.24 1.76 0.00	26.10 1.68 0.00	28.37 1.95 0.00	31.30 2.35 0.00	33.07 2.51 0.00	34.69 2.66 0.00	38.06 3.08 0.00	39.59 3.07 0.05	40.02 3.15 0.13	37.11 2.99 -0.12	40.85 3.48 0.09	48.71 4.09 -0.69	49.53 3.77 -2.42	45.09 3.51 -1.64	41.18 3.12 -3.01	36.80 2.99 -0.16	33.47 2.85 0.00	32.55 2.69 0.00
HIGH_RIVER___SOLAR 323847	30.37 1.50 0.00	28.09 1.31 0.00	25.68 1.18 0.00	25.64 1.17 0.00	25.51 1.12 0.00	25.51 1.12 0.00	25.67 1.20 0.00	25.51 1.10 0.00	27.68 1.27 0.00	30.31 1.36 0.00	32.00 1.44 0.00	33.50 1.47 0.00	36.62 1.64 0.00	38.37 1.68 -0.12	39.04 1.70 -0.33	35.85 1.67 -0.18	39.43 1.76 -0.22	48.15 2.24 -1.98	49.68 2.56 -3.78	44.90 2.32 -2.65	41.34 1.96 -4.33	35.88 2.02 -0.22	32.37 1.74 0.00	31.47 1.61 0.00

HILLBURN___GT 23639	30.86 1.99 0.00	28.55 1.77 0.00	26.17 1.67 0.00	26.03 1.57 0.00	25.88 1.49 0.00	25.90 1.51 0.00	26.21 1.74 0.00	26.22 1.81 0.00	28.53 2.11 0.00	31.24 2.29 0.00	33.13 2.57 0.00	34.81 2.79 0.00	38.09 3.11 0.00	38.67 3.29 1.19	37.33 3.44 3.13	37.27 3.26 0.00	38.97 3.60 2.08	42.67 4.22 5.49	46.82 3.94 0.47	42.71 3.60 0.82	39.89 3.19 -1.65	36.65 2.86 -0.15	33.32 2.70 0.00	32.37 2.51 0.00
HILLSIDE_115KV_TB1 80332	29.19 0.32 0.00	26.83 0.05 0.00	24.48 -0.02 0.00	24.17 -0.29 0.00	24.07 -0.32 0.00	24.07 -0.32 0.00	24.28 -0.20 0.00	24.02 -0.39 0.00	26.38 -0.16 -0.12	28.78 -0.43 -0.26	30.71 -0.12 -0.27	32.15 -0.22 -0.35	35.00 -0.31 -0.34	36.59 -0.26 -0.28	36.98 -0.22 -0.19	33.95 -0.20 -0.15	37.19 -0.22 0.04	43.21 -0.53 0.20	43.42 -0.43 -0.52	39.95 -0.44 -0.46	35.01 -0.53 -0.49	33.18 -0.44 0.02	30.64 -0.03 -0.05	30.01 0.03 -0.12
HISHELDN_WT_PWR 323625	28.93 0.06 0.00	26.56 -0.22 0.00	24.16 -0.34 0.00	23.98 -0.49 0.00	23.68 -0.71 0.00	23.63 -0.76 0.00	23.69 -0.78 0.00	23.54 -0.88 0.00	25.54 -0.87 0.00	27.91 -1.04 0.00	29.83 -0.73 0.00	31.00 -1.03 0.00	33.51 -1.47 0.00	35.18 -1.39 0.00	35.71 -1.30 0.00	32.72 -1.29 -0.01	36.14 -1.31 0.00	41.24 -2.11 0.59	41.23 -1.82 0.29	38.11 -1.88 -0.05	33.18 -1.96 -0.09	31.99 -1.48 0.17	29.67 -0.95 0.00	29.35 -0.51 0.00
HOLTSVILLE_IC_1 23690	34.36 2.86 -2.62	33.43 2.55 -4.10	32.73 2.33 -5.90	30.00 2.25 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.24 2.52 -2.31	33.18 2.88 -3.89	34.69 3.18 -2.55	38.46 3.48 -4.41	53.43 3.81 -17.59	64.62 4.20 -25.44	105.43 4.46 -64.41	129.64 4.66 -87.97	129.63 4.25 -91.38	129.94 4.57 -87.92	130.02 5.49 -80.59	71.24 5.03 -22.87	48.09 4.67 -3.48	44.85 4.06 -5.74	45.97 3.93 -8.39	35.60 3.61 -1.36	35.28 3.37 -2.05
HOLTSVILLE_IC_10 23699	34.56 3.06 -2.62	33.58 2.70 -4.10	32.87 2.47 -5.90	30.15 2.40 -3.29	28.61 2.29 -1.92	29.49 2.34 -2.76	27.10 2.57 -0.05	29.39 2.66 -2.31	33.34 3.04 -3.89	34.89 3.39 -2.55	38.71 3.76 -4.38	54.55 4.10 -18.42	66.64 4.51 -27.15	110.30 4.83 -68.91	136.42 4.99 -94.41	136.34 4.59 -97.75	136.18 4.91 -93.82	136.20 5.93 -86.33	73.07 5.42 -24.31	48.45 5.03 -3.48	45.31 4.38 -5.88	46.44 4.20 -8.59	35.82 3.83 -1.36	35.52 3.61 -2.05
HOLTSVILLE_IC_2 23691	34.36 2.86 -2.62	33.43 2.55 -4.10	32.73 2.33 -5.90	30.00 2.25 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.24 2.52 -2.31	33.18 2.88 -3.89	34.69 3.18 -2.55	38.46 3.48 -4.41	53.43 3.81 -17.59	64.62 4.20 -25.44	105.43 4.46 -64.41	129.64 4.66 -87.97	129.63 4.25 -91.38	129.94 4.57 -87.92	130.02 5.49 -80.59	71.24 5.03 -22.87	48.09 4.67 -3.48	44.85 4.06 -5.74	45.97 3.93 -8.39	35.60 3.61 -1.36	35.28 3.37 -2.05
HOLTSVILLE_IC_3 23692	34.36 2.86 -2.62	33.43 2.55 -4.10	32.73 2.33 -5.90	30.00 2.25 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.24 2.52 -2.31	33.18 2.88 -3.89	34.69 3.18 -2.55	38.46 3.48 -4.41	53.43 3.81 -17.59	64.62 4.20 -25.44	105.43 4.46 -64.41	129.64 4.66 -87.97	129.63 4.25 -91.38	129.94 4.57 -87.92	130.02 5.49 -80.59	71.24 5.03 -22.87	48.09 4.67 -3.48	44.85 4.06 -5.74	45.97 3.93 -8.39	35.60 3.61 -1.36	35.28 3.37 -2.05
HOLTSVILLE_IC_4 23693	34.36 2.86 -2.62	33.43 2.55 -4.10	32.73 2.33 -5.90	30.00 2.25 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.24 2.52 -2.31	33.18 2.88 -3.89	34.69 3.18 -2.55	38.46 3.48 -4.41	53.43 3.81 -17.59	64.62 4.20 -25.44	105.43 4.46 -64.41	129.64 4.66 -87.97	129.63 4.25 -91.38	129.94 4.57 -87.92	130.02 5.49 -80.59	71.24 5.03 -22.87	48.09 4.67 -3.48	44.85 4.06 -5.74	45.97 3.93 -8.39	35.60 3.61 -1.36	35.28 3.37 -2.05
HOLTSVILLE_IC_5 23694	34.36 2.86 -2.62	33.43 2.55 -4.10	32.73 2.33 -5.90	30.00 2.25 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.24 2.52 -2.31	33.18 2.88 -3.89	34.69 3.18 -2.55	38.46 3.48 -4.41	53.43 3.81 -17.59	64.62 4.20 -25.44	105.43 4.46 -64.41	129.64 4.66 -87.97	129.63 4.25 -91.38	129.94 4.57 -87.92	130.02 5.49 -80.59	71.24 5.03 -22.87	48.09 4.67 -3.48	44.85 4.06 -5.74	45.97 3.93 -8.39	35.60 3.61 -1.36	35.28 3.37 -2.05
HOLTSVILLE_IC_6 23695	34.56 3.06 -2.62	33.58 2.70 -4.10	32.87 2.47 -5.90	30.15 2.40 -3.29	28.61 2.29 -1.92	29.49 2.34 -2.76	27.10 2.57 -0.05	29.39 2.66 -2.31	33.34 3.04 -3.89	34.89 3.39 -2.55	38.71 3.76 -4.38	54.55 4.10 -18.42	66.64 4.51 -27.15	110.30 4.83 -68.91	136.42 4.99 -94.41	136.34 4.59 -97.75	136.18 4.91 -93.82	136.20 5.93 -86.33	73.07 5.42 -24.31	48.45 5.03 -3.48	45.31 4.38 -5.88	46.44 4.20 -8.59	35.82 3.83 -1.36	35.52 3.61 -2.05
HOLTSVILLE_IC_7 23696	34.56 3.06 -2.62	33.58 2.70 -4.10	32.87 2.47 -5.90	30.15 2.40 -3.29	28.61 2.29 -1.92	29.49 2.34 -2.76	27.10 2.57 -0.05	29.39 2.66 -2.31	33.34 3.04 -3.89	34.89 3.39 -2.55	38.71 3.76 -4.38	54.55 4.10 -18.42	66.64 4.51 -27.15	110.30 4.83 -68.91	136.42 4.99 -94.41	136.34 4.59 -97.75	136.18 4.91 -93.82	136.20 5.93 -86.33	73.07 5.42 -24.31	48.45 5.03 -3.48	45.31 4.38 -5.88	46.44 4.20 -8.59	35.82 3.83 -1.36	35.52 3.61 -2.05
HOLTSVILLE_IC_8 23697	34.56 3.06 -2.62	33.58 2.70 -4.10	32.87 2.47 -5.90	30.15 2.40 -3.29	28.61 2.29 -1.92	29.49 2.34 -2.76	27.10 2.57 -0.05	29.39 2.66 -2.31	33.34 3.04 -3.89	34.89 3.39 -2.55	38.71 3.76 -4.38	54.55 4.10 -18.42	66.64 4.51 -27.15	110.30 4.83 -68.91	136.42 4.99 -94.41	136.34 4.59 -97.75	136.18 4.91 -93.82	136.20 5.93 -86.33	73.07 5.42 -24.31	48.45 5.03 -3.48	45.31 4.38 -5.88	46.44 4.20 -8.59	35.82 3.83 -1.36	35.52 3.61 -2.05
HOLTSVILLE_IC_9 23698	34.56 3.06 -2.62	33.58 2.70 -4.10	32.87 2.47 -5.90	30.15 2.40 -3.29	28.61 2.29 -1.92	29.49 2.34 -2.76	27.10 2.57 -0.05	29.39 2.66 -2.31	33.34 3.04 -3.89	34.89 3.39 -2.55	38.71 3.76 -4.38	54.55 4.10 -18.42	66.64 4.51 -27.15	110.30 4.83 -68.91	136.42 4.99 -94.41	136.34 4.59 -97.75	136.18 4.91 -93.82	136.20 5.93 -86.33	73.07 5.42 -24.31	48.45 5.03 -3.48	45.31 4.38 -5.88	46.44 4.20 -8.59	35.82 3.83 -1.36	35.52 3.61 -2.05
HOMER_HL_115KV_TB2 355744	29.05 0.17 0.00	26.54 -0.24 0.00	24.18 -0.32 0.00	23.81 -0.66 0.00	23.66 -0.73 0.00	23.66 -0.73 0.00	23.89 -0.59 0.00	23.46 -0.95 0.00	25.78 -0.63 0.00	27.74 -1.22 0.00	29.86 -0.70 0.00	31.13 -0.90 0.00	33.83 -1.15 0.00	35.50 -1.06 0.00	36.01 -1.00 0.00	33.06 -0.95 -0.01	36.37 -1.09 0.00	41.02 -2.37 0.55	40.98 -2.12 0.23	37.93 -2.08 -0.07	33.08 -2.10 -0.14	31.63 -1.85 0.16	29.92 -0.70 0.00	29.50 -0.36 0.00
HOWARD_WT_PWR 323690	29.68 0.81 0.00	27.26 0.48 0.00	24.82 0.32 0.00	24.66 0.19 0.00	24.46 0.07 0.00	24.42 0.02 0.00	24.50 0.02 0.00	24.46 0.05 0.00	26.60 0.11 -0.09	29.17 0.03 -0.19	31.09 0.34 -0.19	32.31 0.03 -0.25	34.94 -0.28 -0.24	36.57 -0.22 -0.22	36.99 -0.22 -0.20	33.91 -0.20 -0.11	37.36 -0.11 -0.02	43.28 -0.40 0.27	43.47 -0.09 -0.21	40.14 -0.12 -0.33	34.95 -0.38 -0.28	33.52 -0.03 0.09	30.93 0.28 -0.03	30.42 0.48 -0.08

HQ_GEN_CEDARS 23644	27.80 -1.07 0.00	25.84 -0.94 0.00	23.67 -0.83 0.00	23.85 -0.61 0.00	23.81 -0.59 0.00	23.73 -0.66 0.00	23.69 -0.78 0.00	23.80 -0.61 0.00	25.51 -0.90 0.00	28.00 -0.96 0.00	29.37 -1.19 0.00	30.78 -1.25 0.00	33.58 -1.40 0.00	35.03 -1.54 0.00	35.35 -1.67 0.00	32.30 -1.70 0.00	35.54 -1.91 0.00	41.79 -2.15 0.00	41.13 -2.21 0.00	38.06 -1.88 0.00	33.54 -1.51 0.00	32.16 -1.48 0.00	29.25 -1.38 0.00	28.49 -1.37 0.00
HQ_GEN_CEDARS_PROXY 323590	27.81 -1.07 0.00	25.84 -0.94 0.00	23.64 -0.86 0.00	23.66 -0.81 0.00	23.66 -0.73 0.00	23.61 -0.78 0.00	23.69 -0.78 0.00	23.66 -0.76 0.00	25.51 -0.90 0.00	27.97 -0.98 0.00	29.34 -1.22 0.00	30.78 -1.25 0.00	33.58 -1.40 0.00	35.03 -1.53 0.00	35.35 -1.66 0.00	32.31 -1.70 0.00	35.54 -1.91 0.00	41.74 -2.20 0.00	41.13 -2.21 0.00	38.06 -1.88 0.00	33.61 -1.44 0.00	32.16 -1.48 0.00	29.25 -1.38 0.00	28.49 -1.37 0.00
HQ_GEN_IMPORT 323601	28.27 -0.61 0.00	26.24 -0.54 0.00	24.01 -0.49 0.00	24.00 -0.47 0.00	24.00 -0.39 0.00	24.00 -0.39 0.00	24.01 -0.47 0.00	24.00 -0.42 0.00	25.88 -0.53 0.00	28.37 -0.58 0.00	29.83 -0.73 0.00	31.29 -0.74 0.00	34.18 -0.80 0.00	35.69 -0.88 0.00	36.09 -0.92 0.00	33.12 -0.88 0.00	36.44 -1.01 0.00	42.75 -1.18 0.00	42.17 -1.17 0.00	38.90 -1.04 0.00	34.21 -0.84 0.00	32.80 -0.84 0.00	29.83 -0.80 0.00	29.12 -0.75 0.00
HQ_GEN_WHEEL 23651	28.27 -0.61 0.00	26.24 -0.54 0.00	24.01 -0.49 0.00	24.00 -0.47 0.00	24.00 -0.39 0.00	24.00 -0.39 0.00	24.01 -0.47 0.00	24.00 -0.42 0.00	25.88 -0.53 0.00	28.37 -0.58 0.00	29.83 -0.73 0.00	31.29 -0.74 0.00	34.18 -0.80 0.00	35.69 -0.88 0.00	36.09 -0.92 0.00	33.12 -0.88 0.00	36.44 -1.01 0.00	42.75 -1.18 0.00	42.17 -1.17 0.00	38.90 -1.04 0.00	34.21 -0.84 0.00	32.80 -0.84 0.00	29.83 -0.80 0.00	29.12 -0.75 0.00
HUDSON AVE_GT_3 23810	31.36 2.48 0.00	29.00 2.22 0.00	26.51 2.01 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.10 1.71 0.00	26.58 2.10 0.00	26.54 2.12 0.00	29.03 2.61 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.96 3.56 -2.38	38.88 3.88 -0.02	41.54 4.13 -0.85	46.65 4.29 -5.34	48.05 4.01 -10.03	54.60 4.49 -12.65	56.43 5.18 -7.31	52.80 4.94 -4.52	47.87 4.47 -3.46	44.99 4.07 -5.88	37.41 3.60 -0.17	33.94 3.31 -0.01	33.03 3.17 -0.01
HUDSON AVE_GT_4 23540	31.36 2.48 0.00	29.00 2.22 0.00	26.51 2.01 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.10 1.71 0.00	26.58 2.10 0.00	26.54 2.12 0.00	29.03 2.61 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.96 3.56 -2.38	38.88 3.88 -0.02	41.54 4.13 -0.85	46.65 4.29 -5.34	48.05 4.01 -10.03	54.60 4.49 -12.65	56.43 5.18 -7.31	52.80 4.94 -4.52	47.87 4.47 -3.46	44.99 4.07 -5.88	37.41 3.60 -0.17	33.94 3.31 -0.01	33.03 3.17 -0.01
HUDSON AVE_GT_5 23657	31.36 2.48 0.00	29.00 2.22 0.00	26.51 2.01 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.10 1.71 0.00	26.58 2.10 0.00	26.54 2.12 0.00	29.03 2.61 0.00	31.98 3.01 -0.02	33.85 3.27 -0.02	37.96 3.56 -2.38	38.88 3.88 -0.02	41.54 4.13 -0.85	46.65 4.29 -5.34	48.05 4.01 -10.03	54.60 4.49 -12.65	56.43 5.18 -7.31	52.80 4.94 -4.52	47.87 4.47 -3.46	44.99 4.07 -5.88	37.41 3.60 -0.17	33.94 3.31 -0.01	33.03 3.17 -0.01
HUDSON_AVE_10 24168	31.30 2.43 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.15 1.69 0.00	26.03 1.63 0.00	26.05 1.66 0.00	26.53 2.06 0.00	26.51 2.10 0.00	28.97 2.56 0.00	31.92 2.95 -0.02	33.79 3.21 -0.02	37.93 3.52 -2.38	38.81 3.81 -0.02	41.51 4.10 -0.85	46.57 4.22 -5.34	47.98 3.94 -10.03	54.52 4.42 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.96 4.03 -5.88	37.34 3.53 -0.17	33.88 3.25 -0.01	32.98 3.11 -0.01
HUDSON___115KV_TB 4 355613	30.32 1.44 0.00	28.06 1.29 0.00	25.72 1.22 0.00	25.57 1.10 0.00	25.46 1.07 0.00	25.46 1.07 0.00	25.70 1.22 0.00	25.47 1.05 0.00	27.65 1.24 0.00	30.28 1.33 0.00	31.94 1.38 0.00	33.34 1.31 0.00	36.52 1.54 0.00	38.34 1.65 -0.13	38.97 1.63 -0.33	35.73 1.56 -0.16	39.43 1.76 -0.22	48.13 2.33 -1.86	49.13 2.34 -3.45	44.72 2.36 -2.43	40.69 1.72 -3.92	35.86 2.02 -0.20	32.34 1.71 0.00	31.50 1.64 0.00
HUNTER MOUNT___DRP 323613	30.43 1.56 0.00	28.17 1.39 0.00	25.82 1.32 0.00	25.69 1.22 0.00	25.59 1.20 0.00	25.59 1.20 0.00	25.82 1.35 0.00	25.51 1.10 0.00	27.65 1.24 0.00	30.31 1.36 0.00	31.91 1.34 0.00	33.24 1.22 0.00	36.48 1.50 0.00	38.31 1.65 -0.10	38.83 1.55 -0.27	35.62 1.46 -0.16	39.35 1.72 -0.18	47.95 2.33 -1.69	48.88 2.25 -3.29	44.71 2.48 -2.30	40.44 1.61 -3.77	35.96 2.12 -0.20	32.43 1.81 0.00	31.59 1.73 0.00
HUNTINGTON_RES_REC 323705	34.18 2.69 -2.62	33.29 2.41 -4.10	32.65 2.25 -5.90	29.93 2.18 -3.29	28.39 2.07 -1.92	29.27 2.12 -2.76	26.88 2.35 -0.05	29.17 2.44 -2.31	33.10 2.80 -3.89	34.51 3.01 -2.55	38.11 3.33 -4.21	69.95 3.68 -34.24	97.80 4.09 -58.73	193.37 4.50 -152.31	255.67 4.70 -213.95	254.32 4.28 -216.03	245.23 4.53 -203.25	242.35 5.58 -192.83	99.34 5.03 -50.98	47.92 4.47 -3.51	47.60 3.99 -8.55	39.89 3.77 -2.48	35.39 3.40 -1.36	35.11 3.20 -2.05
HUNTLEY___63 23557	28.73 -0.14 0.00	26.19 -0.59 0.00	23.89 -0.61 0.00	23.61 -0.86 0.00	23.44 -0.95 0.00	23.39 -1.00 0.00	23.45 -1.03 0.00	22.90 -1.51 0.00	25.25 -1.16 0.00	26.96 -2.00 0.00	29.25 -1.31 0.00	30.49 -1.54 0.00	33.23 -1.75 0.00	34.96 -1.61 0.00	35.49 -1.52 0.00	32.48 -1.53 -0.01	35.62 -1.84 0.00	40.72 -2.50 0.71	40.65 -2.25 0.44	37.60 -2.32 0.02	32.74 -2.28 0.03	31.42 -2.02 0.20	29.28 -1.35 0.00	29.03 -0.84 0.00
HUNTLEY___64 23558	28.73 -0.14 0.00	26.19 -0.59 0.00	23.89 -0.61 0.00	23.61 -0.86 0.00	23.44 -0.95 0.00	23.39 -1.00 0.00	23.45 -1.03 0.00	22.90 -1.51 0.00	25.25 -1.16 0.00	26.96 -2.00 0.00	29.25 -1.31 0.00	30.49 -1.54 0.00	33.23 -1.75 0.00	34.96 -1.61 0.00	35.49 -1.52 0.00	32.48 -1.53 -0.01	35.62 -1.84 0.00	40.72 -2.50 0.71	40.65 -2.25 0.44	37.60 -2.32 0.02	32.74 -2.28 0.03	31.42 -2.02 0.20	29.28 -1.35 0.00	29.03 -0.84 0.00
HUNTLEY___65 23559	28.73 -0.14 0.00	26.19 -0.59 0.00	23.89 -0.61 0.00	23.61 -0.86 0.00	23.44 -0.95 0.00	23.39 -1.00 0.00	23.45 -1.03 0.00	22.90 -1.51 0.00	25.25 -1.16 0.00	26.96 -2.00 0.00	29.25 -1.31 0.00	30.49 -1.54 0.00	33.23 -1.75 0.00	34.96 -1.61 0.00	35.49 -1.52 0.00	32.48 -1.53 -0.01	35.62 -1.84 0.00	40.72 -2.50 0.71	40.65 -2.25 0.44	37.60 -2.32 0.02	32.74 -2.28 0.03	31.42 -2.02 0.20	29.28 -1.35 0.00	29.03 -0.84 0.00
HUNTLEY___66 23560	28.73 -0.14 0.00	26.19 -0.59 0.00	23.89 -0.61 0.00	23.61 -0.86 0.00	23.44 -0.95 0.00	23.39 -1.00 0.00	23.45 -1.03 0.00	22.90 -1.51 0.00	25.25 -1.16 0.00	26.96 -2.00 0.00	29.25 -1.31 0.00	30.49 -1.54 0.00	33.23 -1.75 0.00	34.96 -1.61 0.00	35.49 -1.52 0.00	32.48 -1.53 -0.01	35.62 -1.84 0.00	40.72 -2.50 0.71	40.65 -2.25 0.44	37.60 -2.32 0.02	32.74 -2.28 0.03	31.42 -2.02 0.20	29.28 -1.35 0.00	29.03 -0.84 0.00

HUNTLEY___67 23561	28.53 -0.35 0.00	26.03 -0.75 0.00	23.74 -0.76 0.00	23.46 -1.00 0.00	23.29 -1.10 0.00	23.27 -1.12 0.00	23.35 -1.13 0.00	22.80 -1.61 0.00	25.12 -1.29 0.00	26.84 -2.11 0.00	29.07 -1.50 0.00	30.33 -1.70 0.00	33.02 -1.96 0.00	34.70 -1.86 0.00	35.23 -1.78 0.00	32.28 -1.73 -0.01	35.43 -2.02 0.00	40.52 -2.72 0.70	40.45 -2.47 0.42	37.45 -2.48 0.01	32.62 -2.42 0.02	31.29 -2.15 0.20	29.15 -1.47 0.00	28.88 -0.99 0.00
HUNTLEY___68 23562	28.53 -0.35 0.00	26.03 -0.75 0.00	23.74 -0.76 0.00	23.46 -1.00 0.00	23.29 -1.10 0.00	23.27 -1.12 0.00	23.35 -1.13 0.00	22.80 -1.61 0.00	25.12 -1.29 0.00	26.84 -2.11 0.00	29.07 -1.50 0.00	30.33 -1.70 0.00	33.02 -1.96 0.00	34.70 -1.86 0.00	35.23 -1.78 0.00	32.28 -1.73 -0.01	35.43 -2.02 0.00	40.52 -2.72 0.70	40.45 -2.47 0.42	37.45 -2.48 0.01	32.62 -2.42 0.02	31.29 -2.15 0.20	29.15 -1.47 0.00	28.88 -0.99 0.00
HYLAND___LFGE 323620	30.66 1.79 0.00	28.12 1.34 0.00	25.50 1.00 0.00	25.37 0.91 0.00	25.10 0.71 0.00	25.07 0.68 0.00	25.01 0.54 0.00	24.78 0.37 0.00	26.44 0.03 0.00	28.26 -0.70 0.00	29.71 -0.86 0.00	30.88 -1.15 0.00	33.41 -1.57 0.00	34.88 -1.68 0.00	35.35 -1.66 0.00	32.62 -1.40 -0.01	36.25 -1.20 0.00	42.52 -0.84 0.59	43.31 0.26 0.30	40.85 0.88 -0.04	35.93 0.81 -0.07	34.68 1.21 0.17	31.88 1.26 0.00	31.21 1.35 0.00
INDECK___CORINTH 23802	30.34 1.47 0.00	28.06 1.29 0.00	25.63 1.13 0.00	25.59 1.13 0.00	25.44 1.05 0.00	25.44 1.05 0.00	25.65 1.17 0.00	25.49 1.07 0.00	27.81 1.40 0.00	30.57 1.62 0.00	32.03 1.47 0.00	33.40 1.38 0.00	36.62 1.64 0.00	38.09 1.39 -0.14	38.75 1.37 -0.37	35.54 1.36 -0.17	38.97 1.27 -0.24	47.79 1.85 -2.01	49.55 2.51 -3.70	44.73 2.19 -2.60	41.14 1.89 -4.20	35.98 2.12 -0.22	32.34 1.71 0.00	31.41 1.55 0.00
INDECK___ILION 23567	29.45 0.58 0.00	27.31 0.54 0.00	24.97 0.47 0.00	24.88 0.42 0.00	24.83 0.44 0.00	24.85 0.46 0.00	24.99 0.51 0.00	24.85 0.44 0.00	26.94 0.53 0.00	29.53 0.58 0.00	31.21 0.64 0.00	32.64 0.61 0.00	35.68 0.70 0.00	37.26 0.69 0.00	37.68 0.67 0.00	34.62 0.61 0.00	38.13 0.67 0.00	44.77 0.83 0.00	44.21 0.87 0.00	40.73 0.80 0.00	35.72 0.67 0.00	34.35 0.71 0.00	31.27 0.64 0.00	30.49 0.63 0.00
INDECK___OLEAN 23982	29.08 0.20 0.00	26.70 -0.08 0.00	24.25 -0.24 0.00	24.05 -0.42 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.89 -0.59 0.00	23.78 -0.63 0.00	25.78 -0.63 0.00	28.09 -0.87 0.00	30.07 -0.49 0.00	31.26 -0.77 0.00	33.83 -1.15 0.00	35.50 -1.06 0.00	36.01 -1.00 0.00	33.06 -0.95 -0.01	36.48 -0.97 0.00	41.02 -2.37 0.55	41.03 -2.08 0.23	37.93 -2.08 -0.07	33.01 -2.17 -0.14	31.83 -1.65 0.16	29.92 -0.70 0.00	29.53 -0.33 0.00
INDECK___OSWEGO 23783	28.38 -0.49 0.00	26.38 -0.40 0.00	24.08 -0.42 0.00	24.03 -0.44 0.00	23.93 -0.46 0.00	23.90 -0.49 0.00	23.99 -0.49 0.00	23.85 -0.56 0.00	26.77 -0.58 -0.93	30.33 -0.61 -1.99	32.07 -0.55 -2.06	34.06 -0.61 -2.64	36.82 -0.74 -2.57	38.22 -0.73 -2.39	38.41 -0.74 -2.14	34.30 -0.72 -1.01	36.88 -0.75 -0.17	45.53 -0.88 -2.47	46.56 -0.82 -4.05	41.47 -0.76 -2.30	35.20 -0.74 -0.89	33.64 -0.64 -0.64	30.42 -0.55 -0.34	30.21 -0.54 -0.89
INDECK___YERKES 23781	28.79 -0.09 0.00	26.46 -0.32 0.00	24.01 -0.49 0.00	23.83 -0.64 0.00	23.49 -0.90 0.00	23.44 -0.95 0.00	23.47 -1.00 0.00	23.32 -1.10 0.00	25.28 -1.13 0.00	27.62 -1.33 0.00	29.65 -0.92 0.00	30.81 -1.22 0.00	33.27 -1.71 0.00	34.99 -1.57 0.00	35.53 -1.48 0.00	32.52 -1.50 -0.01	35.88 -1.57 0.00	40.81 -2.42 0.71	40.78 -2.12 0.44	37.68 -2.24 0.02	32.67 -2.35 0.03	31.59 -1.85 0.20	29.34 -1.29 0.00	29.14 -0.72 0.00
INDIAN POINT_GT_1 24139	30.92 2.05 0.00	28.63 1.85 0.00	26.19 1.69 0.00	25.93 1.47 0.00	25.78 1.39 0.00	25.83 1.44 0.00	26.24 1.76 0.00	26.17 1.76 0.00	28.58 2.17 0.00	31.44 2.49 0.00	33.25 2.69 0.00	34.97 2.95 0.00	38.23 3.25 0.00	40.99 3.47 -0.96	46.31 3.63 -5.67	47.48 3.43 -10.04	54.14 3.82 -12.87	56.34 4.44 -7.97	52.29 4.16 -4.79	47.42 3.79 -3.69	42.44 3.40 -3.99	36.80 2.99 -0.16	33.38 2.76 0.00	32.49 2.63 0.00
INDIAN POINT_GT_2 23659	30.92 2.05 0.00	28.63 1.85 0.00	26.19 1.69 0.00	25.93 1.47 0.00	25.78 1.39 0.00	25.83 1.44 0.00	26.24 1.76 0.00	26.17 1.76 0.00	28.58 2.17 0.00	31.44 2.49 0.00	33.25 2.69 0.00	34.97 2.95 0.00	38.23 3.25 0.00	40.99 3.47 -0.96	46.31 3.63 -5.67	47.48 3.43 -10.04	54.14 3.82 -12.87	56.34 4.44 -7.97	52.29 4.16 -4.79	47.42 3.79 -3.69	42.44 3.40 -3.99	36.80 2.99 -0.16	33.38 2.76 0.00	32.49 2.63 0.00
INDIAN POINT_GT_3 24019	30.92 2.05 0.00	28.63 1.85 0.00	26.19 1.69 0.00	25.93 1.47 0.00	25.78 1.39 0.00	25.83 1.44 0.00	26.24 1.76 0.00	26.17 1.76 0.00	28.58 2.17 0.00	31.44 2.49 0.00	33.25 2.69 0.00	34.97 2.95 0.00	38.23 3.25 0.00	40.99 3.47 -0.96	46.31 3.63 -5.67	47.48 3.43 -10.04	54.14 3.82 -12.87	56.34 4.44 -7.97	52.29 4.16 -4.79	47.42 3.79 -3.69	42.44 3.40 -3.99	36.80 2.99 -0.16	33.38 2.76 0.00	32.49 2.63 0.00
INDIAN POINT___2 23530	30.86 1.99 0.00	28.55 1.77 0.00	26.17 1.67 0.00	26.03 1.57 0.00	25.85 1.46 0.00	25.90 1.51 0.00	26.21 1.74 0.00	26.22 1.81 0.00	28.53 2.11 0.00	31.27 2.32 0.00	33.13 2.57 0.00	34.85 2.82 0.00	38.13 3.15 0.00	40.60 3.33 -0.71	45.55 3.52 -5.03	47.31 3.30 -10.01	53.52 3.63 -12.44	54.83 4.26 -6.63	51.48 3.98 -4.15	46.72 3.63 -3.15	41.96 3.22 -3.68	36.69 2.89 -0.16	33.29 2.66 0.00	32.37 2.51 0.00
INDIAN POINT___3 23531	30.87 1.99 0.00	28.57 1.79 0.00	26.14 1.64 0.00	25.88 1.42 0.00	25.76 1.37 0.00	25.78 1.39 0.00	26.21 1.74 0.00	26.12 1.71 0.00	28.52 2.11 0.00	31.39 2.43 0.00	33.16 2.60 0.00	34.85 2.82 0.00	38.09 3.11 0.00	41.13 3.29 -1.27	47.00 3.48 -6.51	47.34 3.26 -10.07	54.51 3.63 -13.42	57.83 4.22 -9.67	52.83 3.94 -5.55	47.88 3.59 -4.35	42.59 3.22 -4.32	36.70 2.89 -0.16	33.29 2.66 0.00	32.40 2.54 0.00
INGHAM_C_115KV_TB7 356103	29.83 0.95 0.00	27.64 0.86 0.00	25.28 0.78 0.00	25.20 0.73 0.00	25.15 0.76 0.00	25.17 0.78 0.00	25.33 0.86 0.00	25.17 0.76 0.00	27.28 0.87 0.00	29.88 0.93 0.00	31.57 1.01 0.00	32.99 0.96 0.00	36.03 1.05 0.00	37.62 1.06 0.00	38.01 1.00 0.00	34.89 0.88 0.00	38.43 0.97 0.00	45.08 1.14 0.00	44.55 1.21 0.00	41.09 1.16 0.00	36.03 0.98 0.00	34.68 1.04 0.00	31.64 1.01 0.00	30.85 0.99 0.00
IP CORINTH___1 23988	30.52 1.65 0.00	28.22 1.45 0.00	25.75 1.25 0.00	25.62 1.15 0.00	25.49 1.10 0.00	25.49 1.10 0.00	25.80 1.32 0.00	25.59 1.17 0.00	27.97 1.56 0.00	30.78 1.82 0.00	32.25 1.68 0.00	33.63 1.60 0.00	36.80 1.82 0.00	38.28 1.57 -0.14	38.93 1.55 -0.37	35.71 1.53 -0.17	39.19 1.50 -0.24	48.01 2.07 -2.01	49.81 2.77 -3.70	44.97 2.44 -2.60	41.35 2.10 -4.20	36.18 2.32 -0.22	32.49 1.87 0.00	31.59 1.73 0.00

IP___TICONDEROGA 23804	32.34 3.46 0.00	29.86 3.08 0.00	27.15 2.65 0.00	26.99 2.52 0.00	26.85 2.46 0.00	26.83 2.44 0.00	27.22 2.74 0.00	26.91 2.49 0.00	29.55 3.14 0.00	32.60 3.65 0.00	34.20 3.64 0.00	35.52 3.49 0.00	38.90 3.92 0.00	40.36 3.66 -0.14	41.01 3.63 -0.37	37.61 3.43 -0.17	41.14 3.45 -0.24	50.61 4.66 -2.01	52.63 5.59 -3.70	47.45 4.91 -2.60	43.27 4.03 -4.19	38.30 4.44 -0.22	34.33 3.71 0.00	33.33 3.46 0.00
ISLIP_RES_REC 323679	34.76 3.26 -2.62	33.75 2.87 -4.10	33.02 2.62 -5.90	30.27 2.52 -3.29	28.75 2.44 -1.92	29.61 2.46 -2.76	27.25 2.72 -0.05	29.51 2.78 -2.31	33.49 3.19 -3.89	35.09 3.59 -2.55	38.95 4.00 -4.38	53.74 4.36 -17.36	64.86 4.83 -25.05	105.10 5.16 -63.38	128.83 5.33 -86.49	128.81 4.90 -89.91	129.26 5.24 -86.57	129.49 6.28 -79.27	71.69 5.81 -22.54	48.77 5.35 -3.48	45.42 4.66 -5.71	47.53 4.47 -9.41	36.03 4.04 -1.36	35.73 3.82 -2.05
JAMAICA__27_KV_LOAD 355505	31.50 2.63 0.00	29.14 2.36 0.00	26.58 2.08 0.00	26.30 1.83 0.00	26.15 1.76 0.00	26.20 1.80 0.00	26.70 2.23 0.00	26.71 2.30 0.00	29.24 2.83 0.00	32.15 3.18 -0.02	34.03 3.45 -0.02	38.44 3.97 -2.44	39.12 4.13 -0.02	41.84 4.42 -0.85	46.94 4.59 -5.34	48.32 4.28 -10.03	54.93 4.83 -12.65	56.87 5.62 -7.31	53.23 5.37 -4.52	48.27 4.87 -3.46	45.53 4.56 -5.92	37.68 3.87 -0.17	34.12 3.49 -0.01	33.15 3.28 -0.01
JANIS___SOLAR 323808	30.63 1.76 0.00	28.28 1.50 0.00	25.75 1.25 0.00	25.66 1.20 0.00	25.54 1.15 0.00	25.56 1.17 0.00	25.67 1.20 0.00	25.59 1.17 0.00	27.75 1.16 -0.18	30.55 1.22 -0.38	32.21 1.25 -0.39	33.59 1.06 -0.50	36.59 1.12 -0.49	38.08 1.10 -0.42	38.28 0.96 -0.31	35.17 0.95 -0.21	38.70 1.27 0.03	45.67 1.67 -0.07	46.30 2.08 -0.88	42.69 2.12 -0.64	37.40 1.72 -0.63	35.64 1.95 -0.04	32.50 1.81 -0.07	31.79 1.76 -0.17
JARVIS____ 23743	29.13 0.26 0.00	27.02 0.24 0.00	24.72 0.22 0.00	24.69 0.22 0.00	24.59 0.19 0.00	24.59 0.19 0.00	24.70 0.22 0.00	24.61 0.19 0.00	26.65 0.24 0.00	29.21 0.26 0.00	30.84 0.27 0.00	32.32 0.29 0.00	35.29 0.31 0.00	36.89 0.33 0.00	37.34 0.33 0.00	34.34 0.34 0.00	37.83 0.37 0.00	44.38 0.44 0.00	43.82 0.48 0.00	40.33 0.40 0.00	35.40 0.35 0.00	34.01 0.37 0.00	30.93 0.31 0.00	30.16 0.30 0.00
JENNISON___1 23625	30.81 1.93 0.00	28.44 1.66 0.00	25.90 1.40 0.00	25.71 1.25 0.00	25.61 1.22 0.00	25.66 1.27 0.00	25.90 1.42 0.00	25.71 1.29 0.00	28.07 1.53 -0.13	30.84 1.62 -0.27	32.61 1.77 -0.28	34.02 1.63 -0.35	37.11 1.78 -0.34	38.63 1.79 -0.27	38.80 1.63 -0.17	35.66 1.50 -0.16	39.27 1.87 0.06	46.20 2.24 -0.03	46.66 2.43 -0.89	42.94 2.36 -0.64	37.81 1.93 -0.83	35.84 2.15 -0.04	32.66 1.99 -0.05	31.86 1.88 -0.12
JENNISON___2 23626	30.81 1.93 0.00	28.44 1.66 0.00	25.90 1.40 0.00	25.71 1.25 0.00	25.61 1.22 0.00	25.66 1.27 0.00	25.90 1.42 0.00	25.71 1.29 0.00	28.07 1.53 -0.13	30.84 1.62 -0.27	32.61 1.77 -0.28	34.02 1.63 -0.35	37.11 1.78 -0.34	38.63 1.79 -0.27	38.80 1.63 -0.17	35.66 1.50 -0.16	39.27 1.87 0.06	46.20 2.24 -0.03	46.66 2.43 -0.89	42.94 2.36 -0.64	37.81 1.93 -0.83	35.84 2.15 -0.04	32.66 1.99 -0.05	31.86 1.88 -0.12
JERICHO_RISE_WT_PWR 323719	28.18 -0.69 0.00	26.16 -0.61 0.00	23.94 -0.56 0.00	23.93 -0.54 0.00	23.93 -0.46 0.00	23.90 -0.49 0.00	23.96 -0.52 0.00	23.95 -0.46 0.00	25.83 -0.58 0.00	28.32 -0.64 0.00	29.68 -0.89 0.00	31.16 -0.86 0.00	34.04 -0.94 0.00	35.47 -1.10 0.00	35.68 -1.33 0.00	32.64 -1.36 0.00	35.95 -1.50 0.00	42.18 -1.76 0.00	41.52 -1.82 0.00	38.38 -1.56 0.00	33.86 -1.19 0.00	32.40 -1.24 0.00	29.43 -1.19 0.00	28.58 -1.28 0.00
KATONAH___115KV_46KV_TB4 355592	31.15 2.28 0.00	28.84 2.06 0.00	26.36 1.86 0.00	26.10 1.64 0.00	25.95 1.56 0.00	26.00 1.61 0.00	26.43 1.96 0.00	26.39 1.98 0.00	28.84 2.43 0.00	31.79 2.84 0.00	33.65 3.09 0.00	35.52 3.49 0.00	38.83 3.85 0.00	41.25 4.13 -0.56	46.04 4.40 -4.62	48.22 4.22 -10.00	54.23 4.61 -12.17	55.15 5.36 -5.85	52.32 5.07 -3.90	47.41 4.55 -2.92	42.68 3.96 -3.67	37.14 3.33 -0.17	33.63 3.00 0.00	32.73 2.87 0.00
KCE_NY_1 323755	30.63 1.76 0.00	28.33 1.55 0.00	25.90 1.40 0.00	25.86 1.39 0.00	25.73 1.34 0.00	25.73 1.34 0.00	25.92 1.44 0.00	25.76 1.34 0.00	28.02 1.61 0.00	30.75 1.80 0.00	32.40 1.83 0.00	33.88 1.86 0.00	37.04 2.06 0.00	38.75 2.05 -0.14	39.45 2.07 -0.37	36.18 2.01 -0.17	39.76 2.06 -0.25	48.59 2.64 -2.02	49.94 2.90 -3.69	45.13 2.59 -2.60	41.41 2.17 -4.19	36.18 2.32 -0.22	32.59 1.96 0.00	31.71 1.85 0.00
KCE_NY_6_ESR 323823	28.99 0.12 0.00	26.65 -0.13 0.00	24.18 -0.32 0.00	24.00 -0.47 0.00	23.66 -0.73 0.00	23.63 -0.76 0.00	23.69 -0.78 0.00	23.54 -0.88 0.00	25.51 -0.90 0.00	27.88 -1.07 0.00	29.89 -0.67 0.00	31.07 -0.96 0.00	33.58 -1.40 0.00	35.28 -1.28 0.00	35.82 -1.19 0.00	32.82 -1.19 -0.01	36.22 -1.24 0.00	41.08 -2.20 0.66	41.06 -1.91 0.37	37.95 -2.00 -0.01	32.97 -2.10 -0.02	31.84 -1.61 0.19	29.64 -0.98 0.00	29.38 -0.48 0.00
KEDC_PORT_JEFF_GT2 24210	34.44 2.95 -2.62	33.48 2.60 -4.10	32.80 2.40 -5.90	30.05 2.30 -3.29	28.53 2.22 -1.92	29.39 2.24 -2.76	27.03 2.50 -0.05	29.29 2.56 -2.31	33.26 2.96 -3.89	34.77 3.27 -2.55	38.51 3.57 -4.38	55.59 3.78 -19.78	68.91 4.09 -29.84	116.97 4.39 -76.02	146.17 4.55 -104.61	146.03 4.18 -107.84	145.06 4.45 -103.16	144.76 5.40 -95.42	74.82 4.90 -26.58	47.93 4.51 -3.49	45.33 4.17 -6.11	45.48 3.97 -7.87	35.66 3.67 -1.36	35.34 3.43 -2.05
KEDC_PORT_JEFF_GT3 24211	34.44 2.95 -2.62	33.48 2.60 -4.10	32.80 2.40 -5.90	30.05 2.30 -3.29	28.53 2.22 -1.92	29.39 2.24 -2.76	27.03 2.50 -0.05	29.29 2.56 -2.31	33.26 2.96 -3.89	34.77 3.27 -2.55	38.51 3.57 -4.38	55.59 3.78 -19.78	68.91 4.09 -29.84	116.97 4.39 -76.02	146.17 4.55 -104.61	146.03 4.18 -107.84	145.06 4.45 -103.16	144.76 5.40 -95.42	74.82 4.90 -26.58	47.93 4.51 -3.49	45.33 4.17 -6.11	45.48 3.97 -7.87	35.66 3.67 -1.36	35.34 3.43 -2.05
KEDC_GLWD_GT4 24219	34.36 2.86 -2.62	33.43 2.55 -4.10	32.73 2.33 -5.90	29.98 2.23 -3.29	28.44 2.12 -1.92	29.29 2.15 -2.76	26.93 2.40 -0.05	29.22 2.49 -2.31	33.20 2.91 -3.89	34.71 3.21 -2.55	38.72 3.67 -4.49	42.57 3.87 -6.67	42.87 4.16 -3.73	48.08 4.46 -7.05	47.39 4.63 -5.75	48.25 4.22 -10.03	54.64 4.53 -12.66	56.64 5.36 -7.35	52.77 4.90 -4.53	47.88 4.47 -3.47	42.88 3.92 -3.91	40.32 4.04 -2.64	35.63 3.64 -1.36	35.34 3.43 -2.05
KEDC_GLWD_GT5 24220	34.36 2.86 -2.62	33.43 2.55 -4.10	32.73 2.33 -5.90	29.98 2.23 -3.29	28.44 2.12 -1.92	29.29 2.15 -2.76	26.93 2.40 -0.05	29.22 2.49 -2.31	33.20 2.91 -3.89	34.71 3.21 -2.55	38.72 3.67 -4.49	42.57 3.87 -6.67	42.87 4.16 -3.73	48.08 4.46 -7.05	47.39 4.63 -5.75	48.25 4.22 -10.03	54.64 4.53 -12.66	56.64 5.36 -7.35	52.77 4.90 -4.53	47.88 4.47 -3.47	42.88 3.92 -3.91	40.32 4.04 -2.64	35.63 3.64 -1.36	35.34 3.43 -2.05

KENSICO____ 23655	31.01 2.14 0.00	28.73 1.95 0.00	26.26 1.76 0.00	26.01 1.54 0.00	25.88 1.49 0.00	25.90 1.51 0.00	26.34 1.86 0.00	26.27 1.86 0.00	28.68 2.27 0.00	31.59 2.63 0.00	33.41 2.84 0.00	35.13 3.11 0.00	38.41 3.43 0.00	41.07 3.62 -0.89	46.31 3.81 -5.49	47.61 3.57 -10.03	54.17 3.97 -12.75	56.15 4.61 -7.60	52.32 4.33 -4.64	47.46 3.95 -3.57	42.54 3.54 -3.95	36.97 3.16 -0.16	33.50 2.88 0.00	32.61 2.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.89 2.02 0.00	28.60 1.82 0.00	26.17 1.67 0.00	25.91 1.44 0.00	25.76 1.37 0.00	25.81 1.41 0.00	26.19 1.71 0.00	26.03 1.61 0.00	28.29 1.88 0.00	31.18 2.23 0.00	32.95 2.38 0.00	34.53 2.50 0.00	37.88 2.90 0.00	39.25 2.82 0.13	39.53 2.85 0.33	36.86 2.75 -0.10	40.45 3.22 0.22	47.94 3.78 -0.23	49.00 3.55 -2.10	44.64 3.31 -1.39	40.73 2.91 -2.77	36.72 2.93 -0.15	33.38 2.76 0.00	32.46 2.60 0.00
KIAC_JFK_GT1 23816	31.30 2.43 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.15 1.69 0.00	26.00 1.61 0.00	26.05 1.66 0.00	26.56 2.08 0.00	26.56 2.15 0.00	29.05 2.64 0.00	31.86 2.90 -0.02	33.73 3.15 -0.02	38.12 3.65 -2.44	38.77 3.78 -0.02	41.47 4.06 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.52 4.42 -12.65	56.39 5.14 -7.31	52.76 4.90 -4.52	47.83 4.43 -3.46	45.14 4.17 -5.92	37.31 3.50 -0.17	33.82 3.18 -0.01	32.86 2.99 -0.01
KIAC_JFK_GT2 23817	31.30 2.43 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.15 1.69 0.00	26.00 1.61 0.00	26.05 1.66 0.00	26.56 2.08 0.00	26.56 2.15 0.00	29.05 2.64 0.00	31.86 2.90 -0.02	33.73 3.15 -0.02	38.12 3.65 -2.44	38.77 3.78 -0.02	41.47 4.06 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.52 4.42 -12.65	56.39 5.14 -7.31	52.76 4.90 -4.52	47.83 4.43 -3.46	45.14 4.17 -5.92	37.31 3.50 -0.17	33.82 3.18 -0.01	32.86 2.99 -0.01
KIAC_JFK____ 323774	31.30 2.43 0.00	28.92 2.14 0.00	26.43 1.94 0.00	26.30 1.84 0.00	26.12 1.73 0.00	26.17 1.78 0.00	26.56 2.08 0.00	26.66 2.24 0.00	29.05 2.64 0.00	31.72 2.75 -0.02	33.67 3.09 -0.02	38.08 3.62 -2.44	38.78 3.78 -0.02	41.47 4.06 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.48 4.38 -12.65	56.38 5.14 -7.31	52.76 4.90 -4.52	47.83 4.43 -3.46	44.97 3.99 -5.92	37.31 3.50 -0.17	33.79 3.16 -0.01	32.80 2.93 -0.01
KINTIGH____ 23543	28.38 -0.49 0.00	25.98 -0.80 0.00	23.72 -0.78 0.00	23.46 -1.00 0.00	23.29 -1.10 0.00	23.27 -1.12 0.00	23.37 -1.10 0.00	22.90 -1.51 0.00	25.20 -1.21 0.00	27.01 -1.94 0.00	29.13 -1.44 0.00	30.46 -1.57 0.00	33.16 -1.82 0.00	34.85 -1.72 0.00	35.38 -1.63 0.00	32.38 -1.63 0.00	35.58 -1.87 0.00	40.92 -2.20 0.82	40.82 -1.95 0.57	37.81 -2.04 0.08	32.91 -2.00 0.14	31.66 -1.75 0.23	29.25 -1.38 0.00	28.85 -1.02 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.58 -0.29 0.00	26.59 -0.19 0.00	24.30 -0.20 0.00	24.44 -0.02 0.00	24.39 0.00 0.00	24.32 -0.07 0.00	24.30 -0.17 0.00	24.39 -0.02 0.00	26.23 -0.18 0.00	28.75 -0.20 0.00	30.14 -0.43 0.00	31.61 -0.42 0.00	34.53 -0.45 0.00	35.94 -0.62 0.00	36.12 -0.89 0.00	32.95 -1.05 0.00	36.33 -1.12 0.00	42.75 -1.19 0.00	42.00 -1.34 0.00	38.86 -1.08 0.00	34.28 -0.77 0.00	32.87 -0.77 0.00	29.83 -0.80 0.00	28.94 -0.93 0.00
LACHUTE__HYDRO 323717	32.34 3.46 0.00	29.86 3.08 0.00	27.17 2.67 0.00	27.11 2.64 0.00	26.95 2.56 0.00	26.93 2.54 0.00	27.22 2.74 0.00	26.98 2.56 0.00	29.55 3.14 0.00	32.57 3.62 0.00	34.20 3.64 0.00	35.52 3.49 0.00	38.90 3.92 0.00	40.36 3.66 -0.14	41.01 3.63 -0.37	37.61 3.43 -0.17	41.14 3.44 -0.24	50.61 4.66 -2.01	52.63 5.59 -3.70	47.45 4.91 -2.60	43.27 4.03 -4.19	38.30 4.44 -0.22	34.33 3.70 0.00	33.29 3.43 0.00
LAWRNCALV_115KV_TB1 80681	27.43 -1.44 0.00	25.49 -1.29 0.00	23.32 -1.18 0.00	23.51 -0.95 0.00	23.49 -0.90 0.00	23.42 -0.98 0.00	23.37 -1.10 0.00	23.49 -0.93 0.00	25.17 -1.24 0.00	27.62 -1.33 0.00	28.94 -1.62 0.00	30.33 -1.70 0.00	33.09 -1.89 0.00	34.48 -2.08 0.00	34.75 -2.26 0.00	31.76 -2.24 0.00	34.98 -2.47 0.00	41.17 -2.77 0.00	40.52 -2.82 0.00	37.54 -2.40 0.00	33.09 -1.96 0.00	31.79 -1.85 0.00	28.85 -1.78 0.00	28.07 -1.79 0.00
LEDERLE____ 23769	31.01 2.14 0.00	28.71 1.93 0.00	26.26 1.76 0.00	26.01 1.54 0.00	25.85 1.46 0.00	25.90 1.51 0.00	26.31 1.84 0.00	26.22 1.81 0.00	28.60 2.19 0.00	31.47 2.52 0.00	33.28 2.72 0.00	34.94 2.91 0.00	38.23 3.25 0.00	38.62 3.44 1.39	36.96 3.59 3.64	37.38 3.40 0.02	38.78 3.75 2.42	41.81 4.39 6.52	46.56 4.12 0.90	42.48 3.75 1.21	39.90 3.36 -1.49	36.82 3.03 -0.15	33.44 2.82 0.00	32.55 2.69 0.00
LIGHTHSE_115KV_TB6 355974	28.61 -0.26 0.00	26.51 -0.27 0.00	24.21 -0.29 0.00	24.10 -0.37 0.00	24.00 -0.39 0.00	23.98 -0.41 0.00	24.06 -0.42 0.00	23.85 -0.56 0.00	26.39 -0.53 -0.50	29.47 -0.55 -1.07	31.24 -0.43 -1.11	32.91 -0.54 -1.42	35.70 -0.66 -1.38	37.15 -0.69 -1.28	37.42 -0.74 -1.15	33.80 -0.75 -0.54	36.72 -0.82 -0.09	44.14 -0.83 -1.03	44.59 -0.69 -1.94	40.55 -0.56 -1.18	34.87 -0.56 -0.38	33.53 -0.37 -0.26	30.50 -0.31 -0.19	29.95 -0.39 -0.48
LINDEN COGEN____ 23786	31.18 2.31 0.00	28.79 2.01 0.00	26.34 1.84 0.00	26.20 1.74 0.00	26.03 1.63 0.00	26.05 1.66 0.00	26.43 1.96 0.00	26.49 2.07 0.00	28.87 2.46 0.00	31.69 2.72 -0.02	33.64 3.06 -0.02	37.71 3.30 -2.38	38.63 3.64 -0.02	41.28 3.87 -0.85	46.35 4.00 -5.34	47.77 3.74 -10.03	54.26 4.16 -12.65	56.12 4.88 -7.31	52.45 4.59 -4.52	47.55 4.15 -3.46	44.64 3.71 -5.88	37.18 3.36 -0.17	33.72 3.09 -0.01	32.80 2.93 -0.01
LINDHRST_69_KV_BK1 356055	34.62 3.12 -2.62	33.69 2.81 -4.10	32.92 2.52 -5.90	30.05 2.30 -3.29	28.53 2.22 -1.92	29.42 2.27 -2.76	27.15 2.62 -0.05	29.34 2.61 -2.31	33.39 3.09 -3.89	35.03 3.53 -2.55	38.81 3.82 -4.42	43.79 4.16 -7.60	45.25 4.58 -5.69	53.63 4.83 -12.24	55.23 5.03 -13.19	55.98 4.59 -17.38	61.86 4.94 -19.46	63.75 5.84 -13.97	54.91 5.37 -6.19	48.44 5.03 -3.47	43.68 4.56 -4.07	43.99 4.31 -6.04	35.94 3.95 -1.36	35.67 3.76 -2.05
LIPA_MISC_IPP 23656	34.44 2.95 -2.62	33.50 2.62 -4.10	32.75 2.35 -5.90	29.88 2.13 -3.29	28.39 2.07 -1.92	29.27 2.12 -2.76	27.00 2.47 -0.05	29.17 2.44 -2.31	33.23 2.93 -3.89	34.89 3.39 -2.55	38.67 3.70 -4.40	53.81 4.04 -17.74	65.22 4.48 -25.76	106.56 4.75 -65.24	131.13 4.96 -89.16	131.08 4.52 -92.55	131.33 4.87 -89.01	131.39 5.80 -81.65	71.81 5.33 -23.14	48.37 4.95 -3.48	45.23 4.42 -5.76	46.21 4.14 -8.43	35.76 3.77 -1.36	35.50 3.58 -2.05
LISF__SOLAR 323691	34.53 3.03 -2.62	33.53 2.65 -4.10	32.83 2.43 -5.90	30.08 2.33 -3.29	28.56 2.24 -1.92	29.42 2.27 -2.76	27.05 2.52 -0.05	29.31 2.59 -2.31	33.28 2.98 -3.89	34.86 3.36 -2.55	38.72 3.76 -4.40	54.06 4.13 -17.90	65.64 4.58 -26.08	107.51 4.86 -66.08	132.44 5.07 -90.36	132.41 4.66 -93.74	132.55 4.98 -90.11	132.68 6.02 -82.72	72.29 5.55 -23.40	48.53 5.11 -3.48	45.26 4.42 -5.79	46.34 4.24 -8.46	35.82 3.83 -1.36	35.49 3.58 -2.05

LITTLE FALLS___HYD 24013	29.83 0.95 0.00	27.64 0.86 0.00	25.28 0.78 0.00	25.20 0.73 0.00	25.15 0.76 0.00	25.17 0.78 0.00	25.33 0.86 0.00	25.17 0.76 0.00	27.28 0.87 0.00	29.88 0.93 0.00	31.57 1.01 0.00	32.99 0.96 0.00	36.03 1.05 0.00	37.62 1.06 0.00	38.01 1.00 0.00	34.89 0.88 0.00	38.43 0.97 0.00	45.08 1.14 0.00	44.55 1.21 0.00	41.09 1.16 0.00	36.03 0.98 0.00	34.68 1.04 0.00	31.64 1.01 0.00	30.85 0.99 0.00
LITTLRIV_115KV_TB1 356100	27.69 -1.18 0.00	25.76 -1.02 0.00	23.54 -0.96 0.00	23.76 -0.71 0.00	23.71 -0.68 0.00	23.66 -0.73 0.00	23.59 -0.88 0.00	23.71 -0.71 0.00	25.44 -1.03 -0.06	28.01 -1.07 -0.13	29.32 -1.38 -0.13	30.70 -1.51 -0.17	33.47 -1.68 -0.17	34.82 -1.90 -0.16	35.08 -2.07 -0.14	31.96 -2.11 -0.06	35.18 -2.28 -0.01	41.47 -2.55 -0.08	41.01 -2.51 -0.18	37.98 -2.08 -0.12	33.37 -1.68 0.00	32.15 -1.51 -0.02	29.15 -1.50 -0.02	28.40 -1.52 -0.06
LI_NEWBRDGE___DRP 323616	33.98 2.48 -2.62	33.13 2.25 -4.10	32.46 2.06 -5.90	29.59 1.83 -3.29	28.07 1.76 -1.92	28.95 1.80 -2.76	26.68 2.15 -0.05	28.87 2.15 -2.31	32.89 2.59 -3.89	34.45 2.95 -2.55	38.23 3.18 -4.49	42.16 3.46 -6.67	42.52 3.81 -3.73	47.67 4.06 -7.05	46.98 4.22 -5.75	47.94 3.91 -10.03	54.31 4.19 -12.66	56.25 4.97 -7.35	52.38 4.51 -4.54	47.60 4.19 -3.47	42.78 3.82 -3.91	39.82 3.53 -2.64	35.24 3.25 -1.36	35.02 3.11 -2.05
LOCKPORT_115KV_TB60_63_64 80432	28.61 -0.26 0.00	26.08 -0.70 0.00	23.79 -0.71 0.00	23.51 -0.95 0.00	23.32 -1.07 0.00	23.29 -1.10 0.00	23.33 -1.15 0.00	22.73 -1.68 0.00	25.04 -1.37 0.00	26.72 -2.23 0.00	28.97 -1.59 0.00	30.23 -1.79 0.00	32.92 -2.06 0.00	34.63 -1.94 0.00	35.16 -1.85 0.00	32.17 -1.84 -0.01	35.32 -2.13 0.00	40.39 -2.81 0.74	40.35 -2.51 0.48	37.38 -2.52 0.04	32.53 -2.45 0.06	31.28 -2.15 0.21	29.06 -1.56 0.00	28.82 -1.05 0.00
LOCKPORT___CC1 323769	28.58 -0.29 0.00	26.30 -0.48 0.00	23.86 -0.64 0.00	23.66 -0.81 0.00	23.34 -1.05 0.00	23.29 -1.10 0.00	23.33 -1.15 0.00	23.10 -1.32 0.00	25.04 -1.37 0.00	27.36 -1.59 0.00	29.34 -1.22 0.00	30.52 -1.50 0.00	32.92 -2.06 0.00	34.59 -1.98 0.00	35.16 -1.85 0.00	32.14 -1.87 -0.01	35.54 -1.91 0.00	40.39 -2.81 0.73	40.40 -2.47 0.47	37.38 -2.51 0.04	32.43 -2.56 0.06	31.38 -2.05 0.21	29.09 -1.53 0.00	28.88 -0.98 0.00
LOCKPORT___CC2 323770	28.58 -0.29 0.00	26.30 -0.48 0.00	23.86 -0.64 0.00	23.66 -0.81 0.00	23.34 -1.05 0.00	23.29 -1.10 0.00	23.33 -1.15 0.00	23.10 -1.32 0.00	25.04 -1.37 0.00	27.36 -1.59 0.00	29.34 -1.22 0.00	30.52 -1.50 0.00	32.92 -2.06 0.00	34.59 -1.98 0.00	35.16 -1.85 0.00	32.14 -1.87 -0.01	35.54 -1.91 0.00	40.39 -2.81 0.73	40.40 -2.47 0.47	37.38 -2.51 0.04	32.43 -2.56 0.06	31.38 -2.05 0.21	29.09 -1.53 0.00	28.88 -0.98 0.00
LOCKPORT___CC3 323771	28.58 -0.29 0.00	26.30 -0.48 0.00	23.86 -0.64 0.00	23.66 -0.81 0.00	23.34 -1.05 0.00	23.29 -1.10 0.00	23.33 -1.15 0.00	23.10 -1.32 0.00	25.04 -1.37 0.00	27.36 -1.59 0.00	29.34 -1.22 0.00	30.52 -1.50 0.00	32.92 -2.06 0.00	34.59 -1.98 0.00	35.16 -1.85 0.00	32.14 -1.87 -0.01	35.54 -1.91 0.00	40.39 -2.81 0.73	40.40 -2.47 0.47	37.38 -2.51 0.04	32.43 -2.56 0.06	31.38 -2.05 0.21	29.09 -1.53 0.00	28.88 -0.98 0.00
LONG_LAKE_PHOENIX 24014	28.56 -0.32 0.00	26.48 -0.29 0.00	24.21 -0.29 0.00	24.07 -0.39 0.00	23.98 -0.41 0.00	23.98 -0.41 0.00	24.08 -0.39 0.00	23.90 -0.51 0.00	26.70 -0.42 -0.71	29.96 -0.49 -1.50	31.72 -0.40 -1.55	33.58 -0.45 -2.00	36.40 -0.52 -1.94	37.86 -0.51 -1.81	38.11 -0.52 -1.62	34.29 -0.48 -0.76	37.06 -0.52 -0.13	44.97 -0.62 -1.64	45.66 -0.56 -2.88	41.11 -0.52 -1.69	35.12 -0.53 -0.60	33.59 -0.47 -0.42	30.52 -0.37 -0.26	30.08 -0.45 -0.67
LOVETT___3 23632	30.78 1.91 0.00	28.55 1.77 0.00	26.12 1.62 0.00	25.84 1.37 0.00	25.71 1.32 0.00	25.76 1.37 0.00	26.16 1.69 0.00	26.10 1.68 0.00	28.47 2.06 0.00	31.30 2.35 0.00	33.07 2.51 0.00	34.72 2.69 0.00	37.95 2.97 0.00	38.24 3.14 1.47	36.49 3.33 3.86	37.10 3.13 0.03	38.38 3.48 2.56	41.03 4.04 6.95	46.03 3.77 1.08	42.00 3.43 1.37	39.55 3.08 -1.42	36.56 2.76 -0.16	33.23 2.60 0.00	32.34 2.48 0.00
LOVETT___4 23642	30.78 1.91 0.00	28.55 1.77 0.00	26.12 1.62 0.00	25.84 1.37 0.00	25.71 1.32 0.00	25.76 1.37 0.00	26.16 1.69 0.00	26.10 1.68 0.00	28.47 2.06 0.00	31.30 2.35 0.00	33.07 2.51 0.00	34.72 2.69 0.00	37.95 2.97 0.00	38.24 3.14 1.47	36.49 3.33 3.86	37.10 3.13 0.03	38.38 3.48 2.56	41.03 4.04 6.95	46.03 3.77 1.08	42.00 3.43 1.37	39.55 3.08 -1.42	36.56 2.76 -0.16	33.23 2.60 0.00	32.34 2.48 0.00
LOVETT___5 23593	30.78 1.91 0.00	28.55 1.77 0.00	26.12 1.62 0.00	25.84 1.37 0.00	25.71 1.32 0.00	25.76 1.37 0.00	26.16 1.69 0.00	26.10 1.68 0.00	28.47 2.06 0.00	31.30 2.35 0.00	33.07 2.51 0.00	34.72 2.69 0.00	37.95 2.97 0.00	38.24 3.14 1.47	36.49 3.33 3.86	37.10 3.13 0.03	38.38 3.48 2.56	41.03 4.04 6.95	46.03 3.77 1.08	42.00 3.43 1.37	39.55 3.08 -1.42	36.56 2.76 -0.16	33.23 2.60 0.00	32.34 2.48 0.00
LOWER RAQUET___HYD 24057	27.31 -1.56 0.00	25.38 -1.39 0.00	23.20 -1.30 0.00	23.19 -1.27 0.00	23.25 -1.15 0.00	23.17 -1.22 0.00	23.28 -1.20 0.00	23.24 -1.17 0.00	25.10 -1.37 -0.07	27.62 -1.48 -0.14	28.97 -1.74 -0.14	30.35 -1.86 -0.18	33.13 -2.03 -0.18	34.46 -2.27 -0.17	34.72 -2.44 -0.15	31.66 -2.41 -0.07	34.81 -2.66 -0.01	40.99 -3.03 -0.08	40.54 -2.99 -0.19	37.50 -2.56 -0.12	33.02 -2.03 0.00	31.68 -1.98 -0.02	28.75 -1.90 -0.02	28.01 -1.91 -0.06
LOWER___HUDSON 24059	30.14 1.27 0.00	27.90 1.12 0.00	25.60 1.10 0.00	25.54 1.08 0.00	25.44 1.05 0.00	25.42 1.02 0.00	25.58 1.10 0.00	25.46 1.05 0.00	27.65 1.24 0.00	30.29 1.33 0.00	31.91 1.34 0.00	33.47 1.44 0.00	36.56 1.58 0.00	38.40 1.68 -0.15	39.12 1.70 -0.40	35.84 1.67 -0.17	39.48 1.76 -0.27	48.15 2.15 -2.06	49.21 2.21 -3.66	44.55 2.04 -2.58	40.89 1.72 -4.12	35.60 1.75 -0.21	32.12 1.50 0.00	31.27 1.40 0.00
LOWVILLE_115KV_TB2 356335	28.99 0.12 0.00	26.86 0.08 0.00	24.50 0.00 0.00	24.44 -0.02 0.00	24.37 -0.02 0.00	24.39 0.00 0.00	24.50 0.02 0.00	24.37 -0.05 0.00	26.48 -0.08 -0.15	29.22 -0.06 -0.32	30.77 -0.12 -0.33	32.17 -0.29 -0.43	35.04 -0.35 -0.41	36.55 -0.40 -0.38	36.80 -0.56 -0.35	33.59 -0.58 -0.16	36.92 -0.56 -0.03	43.72 -0.44 -0.22	43.64 -0.22 -0.52	40.28 0.00 -0.34	35.07 -0.07 -0.09	33.90 0.20 -0.05	30.77 0.09 -0.06	29.97 -0.03 -0.14
LUTHERFT_115KV_GLOB_FND_222 355753	30.61 1.73 0.00	28.33 1.55 0.00	25.87 1.37 0.00	25.74 1.27 0.00	25.64 1.24 0.00	25.64 1.24 0.00	25.90 1.42 0.00	25.68 1.27 0.00	28.00 1.58 0.00	30.78 1.82 0.00	32.40 1.83 0.00	33.85 1.83 0.00	37.01 2.03 0.00	38.75 2.05 -0.14	39.45 2.07 -0.37	36.15 1.97 -0.17	39.76 2.06 -0.25	48.55 2.59 -2.02	49.89 2.86 -3.69	45.13 2.60 -2.60	41.41 2.17 -4.19	36.14 2.29 -0.22	32.55 1.93 0.00	31.71 1.85 0.00

LUTHERNY_35_KV_BK2 355980	30.63 1.76 0.00	28.33 1.55 0.00	25.90 1.40 0.00	25.76 1.30 0.00	25.64 1.24 0.00	25.64 1.24 0.00	25.92 1.44 0.00	25.71 1.29 0.00	28.02 1.61 0.00	30.78 1.82 0.00	32.43 1.86 0.00	33.89 1.86 0.00	37.04 2.06 0.00	38.75 2.05 -0.14	39.45 2.07 -0.37	36.19 2.01 -0.17	39.80 2.10 -0.25	48.59 2.64 -2.02	49.94 2.90 -3.69	45.13 2.60 -2.60	41.41 2.17 -4.19	36.18 2.32 -0.22	32.58 1.96 0.00	31.74 1.88 0.00
LWR___OSWEGATCHIE_HYD 23850	27.78 -1.10 0.00	25.79 -0.99 0.00	23.54 -0.96 0.00	23.61 -0.86 0.00	23.56 -0.83 0.00	23.54 -0.85 0.00	23.57 -0.91 0.00	23.56 -0.85 0.00	25.46 -1.08 -0.13	28.10 -1.13 -0.28	29.53 -1.31 -0.28	30.92 -1.47 -0.37	33.69 -1.64 -0.36	35.07 -1.83 -0.33	35.35 -1.96 -0.30	32.21 -1.94 -0.14	35.38 -2.10 -0.02	41.88 -2.24 -0.19	41.65 -2.12 -0.43	38.46 -1.76 -0.29	33.65 -1.47 -0.07	32.44 -1.24 -0.05	29.42 -1.26 -0.05	28.67 -1.31 -0.12
LYONS_FALL_HYD 23570	29.33 0.46 0.00	27.15 0.37 0.00	24.79 0.30 0.00	24.74 0.27 0.00	24.66 0.27 0.00	24.66 0.27 0.00	24.77 0.29 0.00	24.68 0.27 0.00	26.79 0.26 -0.11	29.51 0.32 -0.23	31.14 0.34 -0.24	32.53 0.19 -0.31	35.46 0.18 -0.30	36.99 0.15 -0.28	37.26 0.00 -0.25	34.09 -0.03 -0.12	37.51 0.04 -0.02	44.33 0.22 -0.17	44.08 0.35 -0.39	40.68 0.48 -0.26	35.49 0.35 -0.09	34.25 0.57 -0.04	31.09 0.43 -0.04	30.35 0.39 -0.10
MADISON___COUNTY_LFGE 323628	29.94 1.07 0.00	27.69 0.91 0.00	25.28 0.78 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.07 0.68 0.00	25.23 0.76 0.00	25.07 0.66 0.00	27.29 0.77 -0.12	30.04 0.84 -0.25	31.77 0.95 -0.25	33.22 0.86 -0.33	36.24 0.94 -0.32	37.81 0.95 -0.30	38.13 0.85 -0.27	34.91 0.78 -0.13	38.41 0.94 -0.02	45.13 1.19 0.00	44.93 1.30 -0.28	41.46 1.28 -0.25	36.15 1.05 -0.05	34.81 1.18 0.01	31.71 1.04 -0.04	30.90 0.93 -0.11
MALONE___115KV_TB1 356076	28.18 -0.69 0.00	26.22 -0.56 0.00	23.96 -0.54 0.00	24.15 -0.32 0.00	24.10 -0.29 0.00	24.03 -0.37 0.00	24.01 -0.47 0.00	24.15 -0.27 0.00	25.91 -0.50 0.00	28.46 -0.49 0.00	29.80 -0.76 0.00	31.26 -0.77 0.00	34.14 -0.84 0.00	35.50 -1.06 0.00	35.75 -1.26 0.00	32.61 -1.39 0.00	35.92 -1.54 0.00	42.22 -1.71 0.00	41.52 -1.82 0.00	38.46 -1.48 0.00	33.89 -1.16 0.00	32.53 -1.11 0.00	29.49 -1.13 0.00	28.64 -1.22 0.00
MAPLEWOD_115KV_TB3 80458	30.03 1.15 0.00	27.80 1.02 0.00	25.48 0.98 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.24 0.85 0.00	25.48 1.00 0.00	25.32 0.90 0.00	27.55 1.14 0.00	30.20 1.24 0.00	31.88 1.31 0.00	33.37 1.35 0.00	36.48 1.50 0.00	38.29 1.57 -0.15	39.04 1.63 -0.40	35.77 1.60 -0.17	39.40 1.69 -0.26	48.04 2.07 -2.04	49.10 2.12 -3.63	44.41 1.92 -2.56	40.72 1.58 -4.09	35.47 1.61 -0.21	32.00 1.38 0.00	31.18 1.31 0.00
MAPLE_RIDGE_WT_1 323574	28.53 -0.35 0.00	26.46 -0.32 0.00	24.18 -0.32 0.00	24.17 -0.29 0.00	24.10 -0.29 0.00	24.07 -0.32 0.00	24.13 -0.34 0.00	24.07 -0.34 0.00	26.04 -0.37 0.00	28.55 -0.41 0.00	30.11 -0.46 0.00	31.51 -0.51 0.00	34.42 -0.56 0.00	35.94 -0.62 0.00	36.35 -0.67 0.00	33.36 -0.65 0.00	36.70 -0.75 0.00	43.06 -0.88 0.00	42.52 -0.82 0.00	39.22 -0.72 0.00	34.45 -0.60 0.00	33.00 -0.64 0.00	29.98 -0.64 0.00	29.23 -0.63 0.00
MAPLE_RIDGE_WT_2 323611	28.53 -0.35 0.00	26.46 -0.32 0.00	24.18 -0.32 0.00	24.17 -0.29 0.00	24.10 -0.29 0.00	24.07 -0.32 0.00	24.13 -0.34 0.00	24.07 -0.34 0.00	26.04 -0.37 0.00	28.55 -0.41 0.00	30.11 -0.46 0.00	31.51 -0.51 0.00	34.42 -0.56 0.00	35.94 -0.62 0.00	36.35 -0.67 0.00	33.36 -0.65 0.00	36.70 -0.75 0.00	43.06 -0.88 0.00	42.52 -0.82 0.00	39.22 -0.72 0.00	34.45 -0.60 0.00	33.00 -0.64 0.00	29.98 -0.64 0.00	29.23 -0.63 0.00
MARBLE_RIVER_WT_PWR 323696	28.30 -0.58 0.00	26.30 -0.48 0.00	24.03 -0.47 0.00	24.03 -0.44 0.00	24.03 -0.37 0.00	23.98 -0.41 0.00	24.06 -0.42 0.00	24.02 -0.39 0.00	25.94 -0.47 0.00	28.43 -0.52 0.00	29.83 -0.73 0.00	31.29 -0.74 0.00	34.18 -0.80 0.00	35.61 -0.95 0.00	35.82 -1.19 0.00	32.75 -1.26 0.00	36.11 -1.35 0.00	42.36 -1.58 0.00	41.69 -1.65 0.00	38.54 -1.40 0.00	33.96 -1.09 0.00	32.53 -1.11 0.00	29.52 -1.10 0.00	28.67 -1.20 0.00
MARSHVLE_115KV_TB1 80742	31.07 2.19 0.00	28.71 1.93 0.00	26.12 1.62 0.00	25.98 1.52 0.00	25.85 1.46 0.00	25.83 1.44 0.00	26.09 1.62 0.00	25.68 1.27 0.00	27.86 1.45 0.00	30.49 1.53 0.00	32.18 1.62 0.00	33.57 1.54 0.00	36.69 1.71 0.00	38.38 1.72 -0.09	38.92 1.67 -0.25	35.83 1.63 -0.19	39.38 1.76 -0.16	48.25 2.37 -1.94	50.84 3.47 -4.03	46.06 3.31 -2.81	42.47 2.73 -4.69	36.81 2.93 -0.24	33.11 2.48 0.00	32.10 2.24 0.00
MARSH_HILL_WT_PWR 323713	29.65 0.78 0.00	27.23 0.45 0.00	24.82 0.32 0.00	24.66 0.19 0.00	24.46 0.07 0.00	24.42 0.02 0.00	24.50 0.02 0.00	24.44 0.02 0.00	26.57 0.08 -0.08	29.13 0.00 -0.17	31.05 0.31 -0.18	32.26 0.00 -0.23	34.89 -0.32 -0.22	36.52 -0.25 -0.21	36.98 -0.22 -0.19	33.87 -0.24 -0.10	37.32 -0.15 -0.02	43.20 -0.44 0.30	43.38 -0.13 -0.17	40.08 -0.16 -0.30	34.89 -0.42 -0.26	33.48 -0.07 0.10	30.90 0.24 -0.03	30.39 0.45 -0.08
MCINTYRE_115KV_TB2 80467	27.98 -0.90 0.00	26.03 -0.75 0.00	23.79 -0.71 0.00	24.00 -0.46 0.00	23.98 -0.41 0.00	23.90 -0.49 0.00	23.84 -0.64 0.00	23.95 -0.46 0.00	25.59 -0.82 0.00	28.08 -0.87 0.00	29.40 -1.16 0.00	30.75 -1.28 0.00	33.55 -1.43 0.00	34.92 -1.65 0.00	35.20 -1.81 0.00	32.13 -1.87 0.00	35.43 -2.02 0.00	41.74 -2.20 0.00	41.17 -2.17 0.00	38.22 -1.72 0.00	33.68 -1.37 0.00	32.43 -1.21 0.00	29.40 -1.22 0.00	28.64 -1.22 0.00
MECO_____69_KV_BK1 80468	32.42 3.55 0.00	29.94 3.16 0.00	27.17 2.67 0.00	27.06 2.59 0.00	26.90 2.51 0.00	26.90 2.51 0.00	27.29 2.81 0.00	26.98 2.56 0.00	29.55 3.14 0.00	32.43 3.47 0.00	34.17 3.61 0.00	35.52 3.49 0.00	38.90 3.92 0.00	40.58 3.91 -0.11	41.28 4.00 -0.28	38.00 3.81 -0.19	41.72 4.08 -0.18	51.25 5.36 -1.95	53.57 6.28 -3.94	48.08 5.39 -2.75	43.92 4.31 -4.55	38.52 4.64 -0.24	34.54 3.92 0.00	33.47 3.61 0.00
MENANDS___115KV_TB5 355628	29.83 0.95 0.00	27.64 0.86 0.00	25.36 0.86 0.00	25.20 0.73 0.00	25.10 0.71 0.00	25.12 0.73 0.00	25.33 0.86 0.00	25.20 0.78 0.00	27.42 1.00 0.00	30.05 1.10 0.00	31.70 1.13 0.00	33.21 1.19 0.00	36.27 1.29 0.00	38.11 1.39 -0.15	38.85 1.44 -0.40	35.60 1.43 -0.17	39.22 1.50 -0.27	47.78 1.80 -2.04	48.79 1.82 -3.63	44.13 1.64 -2.56	40.50 1.37 -4.09	35.26 1.41 -0.21	31.82 1.19 0.00	31.00 1.13 0.00
MG INDUSTRY___DRP 24185	29.88 1.01 0.00	27.69 0.91 0.00	25.36 0.86 0.00	25.25 0.78 0.00	25.15 0.76 0.00	25.15 0.76 0.00	25.36 0.88 0.00	25.17 0.76 0.00	27.36 0.95 0.00	29.94 0.98 0.00	31.57 1.01 0.00	33.02 0.99 0.00	36.06 1.08 0.00	37.83 1.13 -0.13	38.51 1.15 -0.35	35.33 1.16 -0.17	38.96 1.27 -0.23	47.48 1.63 -1.92	48.54 1.69 -3.51	44.00 1.60 -2.47	40.36 1.33 -3.97	35.22 1.38 -0.20	31.82 1.19 0.00	31.03 1.16 0.00

MID___OSWEGATCHIE_HYD 23849	27.78 -1.10 0.00	25.79 -0.99 0.00	23.54 -0.96 0.00	23.61 -0.86 0.00	23.56 -0.83 0.00	23.54 -0.85 0.00	23.57 -0.91 0.00	23.56 -0.85 0.00	25.46 -1.08 -0.13	28.10 -1.13 -0.28	29.53 -1.31 -0.28	30.92 -1.47 -0.37	33.69 -1.64 -0.36	35.07 -1.83 -0.33	35.35 -1.96 -0.30	32.21 -1.94 -0.14	35.38 -2.10 -0.02	41.88 -2.24 -0.19	41.65 -2.12 -0.43	38.46 -1.76 -0.29	33.65 -1.47 -0.07	32.44 -1.24 -0.05	29.42 -1.26 -0.05	28.67 -1.31 -0.12
MID___RAQUETTE_HYD 23851	27.31 -1.56 0.00	25.39 -1.39 0.00	23.23 -1.27 0.00	23.41 -1.05 0.00	23.37 -1.02 0.00	23.32 -1.07 0.00	23.28 -1.20 0.00	23.39 -1.03 0.00	25.10 -1.37 -0.07	27.64 -1.45 -0.14	28.97 -1.74 -0.14	30.35 -1.86 -0.18	33.13 -2.03 -0.18	34.46 -2.27 -0.17	34.72 -2.44 -0.15	31.66 -2.41 -0.07	34.81 -2.66 -0.01	41.03 -2.99 -0.08	40.54 -2.99 -0.19	37.50 -2.56 -0.12	32.95 -2.10 0.00	31.68 -1.98 -0.02	28.75 -1.90 -0.02	28.01 -1.91 -0.06
MILLIKEN___1 23584	29.80 0.92 0.00	27.50 0.72 0.00	25.11 0.61 0.00	24.93 0.46 0.00	24.83 0.44 0.00	24.85 0.46 0.00	24.99 0.51 0.00	24.85 0.44 0.00	27.26 0.61 -0.24	30.01 0.55 -0.51	31.83 0.73 -0.53	33.41 0.70 -0.68	36.38 0.73 -0.66	37.95 0.77 -0.61	38.30 0.74 -0.55	34.99 0.71 -0.27	38.32 0.82 -0.04	45.29 1.05 -0.30	45.52 1.17 -1.01	41.79 1.12 -0.73	36.44 0.91 -0.48	34.61 0.91 -0.06	31.63 0.92 -0.09	30.90 0.81 -0.23
MILLIKEN___2 23585	29.80 0.92 0.00	27.50 0.72 0.00	25.11 0.61 0.00	24.93 0.46 0.00	24.83 0.44 0.00	24.85 0.46 0.00	24.99 0.51 0.00	24.85 0.44 0.00	27.26 0.61 -0.24	30.01 0.55 -0.51	31.83 0.73 -0.53	33.41 0.70 -0.68	36.38 0.73 -0.66	37.95 0.77 -0.61	38.30 0.74 -0.55	34.99 0.71 -0.27	38.32 0.82 -0.04	45.29 1.05 -0.30	45.52 1.17 -1.01	41.79 1.12 -0.73	36.44 0.91 -0.48	34.61 0.91 -0.06	31.63 0.92 -0.09	30.90 0.81 -0.23
MILLIKEN___DIESEL 23629	29.80 0.92 0.00	27.50 0.72 0.00	25.11 0.61 0.00	24.93 0.46 0.00	24.83 0.44 0.00	24.85 0.46 0.00	24.99 0.51 0.00	24.85 0.44 0.00	27.26 0.61 -0.24	30.01 0.55 -0.51	31.83 0.73 -0.53	33.41 0.70 -0.68	36.38 0.73 -0.66	37.95 0.77 -0.61	38.30 0.74 -0.55	34.99 0.71 -0.27	38.32 0.82 -0.04	45.29 1.05 -0.30	45.52 1.17 -1.01	41.79 1.12 -0.73	36.44 0.91 -0.48	34.61 0.91 -0.06	31.63 0.92 -0.09	30.90 0.81 -0.23
MILLSEAT___LFGE 323607	29.19 0.32 0.00	26.81 0.03 0.00	24.30 -0.20 0.00	24.12 -0.34 0.00	23.81 -0.59 0.00	23.76 -0.63 0.00	23.77 -0.71 0.00	23.59 -0.83 0.00	25.57 -0.85 0.00	27.91 -1.04 0.00	29.89 -0.67 0.00	31.13 -0.90 0.00	33.62 -1.36 0.00	35.36 -1.21 0.00	35.94 -1.07 0.00	32.82 -1.19 -0.01	36.33 -1.12 0.00	41.42 -1.76 0.75	41.41 -1.43 0.50	38.32 -1.56 0.05	33.25 -1.72 0.08	32.18 -1.24 0.21	29.80 -0.83 0.00	29.47 -0.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.95 2.08 0.00	28.65 1.87 0.00	26.21 1.71 0.00	25.96 1.49 0.00	25.81 1.41 0.00	25.85 1.46 0.00	26.26 1.79 0.00	26.20 1.78 0.00	28.60 2.19 0.00	31.47 2.52 0.00	33.28 2.72 0.00	35.01 2.98 0.00	38.27 3.29 0.00	41.05 3.51 -0.97	46.39 3.66 -5.71	47.51 3.47 -10.04	54.17 3.82 -12.89	56.43 4.44 -8.06	52.38 4.20 -4.84	47.51 3.83 -3.74	42.51 3.43 -4.02	36.83 3.03 -0.16	33.41 2.79 0.00	32.52 2.66 0.00
MILLWOOD_13_KV_LOAD 356217	31.07 2.19 0.00	28.76 1.98 0.00	26.31 1.81 0.00	26.03 1.57 0.00	25.90 1.51 0.00	25.93 1.54 0.00	26.36 1.88 0.00	26.32 1.90 0.00	28.74 2.32 0.00	31.65 2.69 0.00	33.47 2.90 0.00	35.23 3.20 0.00	38.51 3.53 0.00	41.30 3.77 -0.97	46.72 4.00 -5.71	47.85 3.81 -10.04	54.54 4.19 -12.89	56.87 4.88 -8.06	52.77 4.59 -4.84	47.82 4.15 -3.74	42.75 3.68 -4.02	37.00 3.20 -0.16	33.53 2.91 0.00	32.64 2.78 0.00
MODEL_CITY_ENERGY 24167	28.30 -0.58 0.00	26.03 -0.75 0.00	23.62 -0.88 0.00	23.41 -1.05 0.00	23.10 -1.29 0.00	23.05 -1.34 0.00	23.06 -1.42 0.00	22.80 -1.61 0.00	24.72 -1.69 0.00	27.01 -1.94 0.00	28.94 -1.62 0.00	30.11 -1.92 0.00	32.50 -2.48 0.00	34.15 -2.41 0.00	34.72 -2.29 0.00	31.73 -2.28 -0.01	35.06 -2.40 0.00	39.87 -3.34 0.73	39.84 -3.04 0.46	36.91 -3.00 0.03	32.02 -2.98 0.05	30.98 -2.45 0.21	28.73 -1.90 0.00	28.52 -1.34 0.00
MODERN_LFGE___ 323580	28.30 -0.58 0.00	26.03 -0.75 0.00	23.62 -0.88 0.00	23.41 -1.05 0.00	23.10 -1.29 0.00	23.05 -1.34 0.00	23.06 -1.42 0.00	22.80 -1.61 0.00	24.72 -1.69 0.00	27.01 -1.94 0.00	28.94 -1.62 0.00	30.11 -1.92 0.00	32.50 -2.48 0.00	34.15 -2.41 0.00	34.72 -2.29 0.00	31.73 -2.28 -0.01	35.06 -2.40 0.00	39.87 -3.34 0.73	39.84 -3.04 0.46	36.91 -3.00 0.03	32.02 -2.98 0.05	30.98 -2.45 0.21	28.73 -1.90 0.00	28.52 -1.34 0.00
MOHAWK_PAPER___DRP 24187	30.03 1.15 0.00	27.80 1.02 0.00	25.48 0.98 0.00	25.32 0.86 0.00	25.22 0.83 0.00	25.24 0.85 0.00	25.48 1.00 0.00	25.32 0.90 0.00	27.55 1.14 0.00	30.20 1.24 0.00	31.88 1.31 0.00	33.37 1.35 0.00	36.48 1.50 0.00	38.29 1.57 -0.15	39.04 1.63 -0.40	35.77 1.60 -0.17	39.40 1.69 -0.26	48.04 2.07 -2.04	49.10 2.12 -3.63	44.41 1.92 -2.56	40.72 1.58 -4.09	35.47 1.61 -0.21	32.00 1.38 0.00	31.18 1.31 0.00
MOHICAN___35_KV_115KV_LD 80490	30.78 1.91 0.00	28.47 1.69 0.00	25.97 1.47 0.00	25.81 1.35 0.00	25.71 1.32 0.00	25.71 1.32 0.00	25.99 1.52 0.00	25.78 1.37 0.00	28.18 1.77 0.00	31.01 2.06 0.00	32.52 1.96 0.00	33.92 1.89 0.00	37.11 2.13 0.00	38.64 1.94 -0.14	39.30 1.92 -0.37	36.08 1.90 -0.17	39.57 1.87 -0.25	48.46 2.50 -2.02	50.16 3.12 -3.70	45.33 2.80 -2.60	41.59 2.35 -4.19	36.45 2.59 -0.22	32.77 2.14 0.00	31.86 2.00 0.00
MONGAUP___HYD 23641	30.75 1.88 0.00	28.44 1.66 0.00	26.09 1.59 0.00	25.98 1.52 0.00	25.81 1.41 0.00	25.83 1.44 0.00	26.07 1.59 0.00	25.95 1.54 0.00	28.08 1.66 0.00	30.81 1.85 0.00	32.58 2.02 0.00	34.14 2.11 0.00	37.46 2.48 0.00	38.35 2.60 0.81	37.56 2.67 2.12	36.58 2.55 -0.03	38.89 2.85 1.41	43.93 3.47 3.48	47.08 3.42 -0.32	42.97 3.15 0.12	39.81 2.87 -1.88	36.48 2.69 -0.14	33.14 2.51 0.00	32.19 2.33 0.00
MONTAUK___DIESEL 23721	35.14 3.64 -2.62	33.99 3.11 -4.10	33.09 2.69 -5.90	30.17 2.42 -3.29	28.66 2.34 -1.92	29.54 2.39 -2.76	27.25 2.72 -0.05	29.44 2.71 -2.31	33.68 3.38 -3.89	35.55 4.05 -2.55	39.77 4.80 -4.40	55.22 5.38 -17.81	66.85 5.98 -25.89	108.48 6.33 -65.59	133.19 6.51 -89.66	133.01 5.95 -93.05	133.33 6.40 -89.47	133.59 7.56 -82.10	73.57 6.98 -23.25	49.81 6.39 -3.48	46.26 5.43 -5.77	47.12 5.05 -8.44	36.37 4.38 -1.36	36.06 4.15 -2.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.42 0.55 0.00	26.81 0.03 0.00	24.48 -0.02 0.00	24.15 -0.32 0.00	23.95 -0.44 0.00	23.93 -0.46 0.00	24.16 -0.32 0.00	23.76 -0.66 0.00	26.12 -0.29 0.00	28.06 -0.90 0.00	30.32 -0.24 0.00	31.52 -0.51 0.00	34.18 -0.80 0.00	35.83 -0.73 0.00	36.20 -0.81 0.00	33.23 -0.78 -0.01	36.59 -0.86 0.00	41.66 -1.67 0.61	41.73 -1.30 0.31	38.66 -1.32 -0.04	33.65 -1.47 -0.08	32.29 -1.18 0.18	30.23 -0.40 0.00	29.86 0.00 0.00

MORTIMER_115KV_TB3 55949	28.99 0.12 0.00	26.59 -0.19 0.00	24.23 -0.27 0.00	24.05 -0.42 0.00	23.90 -0.49 0.00	23.88 -0.51 0.00	23.96 -0.51 0.00	23.63 -0.78 0.00	25.88 -0.53 0.00	27.97 -0.98 0.00	30.01 -0.55 0.00	31.45 -0.58 0.00	34.28 -0.70 0.00	35.98 -0.59 0.00	36.57 -0.44 0.00	33.39 -0.61 0.00	36.74 -0.71 0.00	42.36 -0.75 0.84	42.17 -0.56 0.61	39.07 -0.76 0.11	33.99 -0.88 0.18	32.74 -0.67 0.23	30.10 -0.52 0.00	29.53 -0.33 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.27 2.40 0.00	28.92 2.14 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.05 1.66 0.00	26.51 2.03 0.00	26.47 2.05 0.00	28.92 2.51 0.00	31.83 2.90 0.01	33.70 3.15 0.01	33.19 3.39 2.24	38.71 3.74 0.01	41.33 3.95 -0.82	46.50 4.15 -5.34	47.91 3.88 -10.03	54.41 4.31 -12.65	56.25 5.01 -7.31	52.58 4.72 -4.52	47.71 4.31 -3.46	40.95 3.86 -2.04	37.26 3.47 -0.16	33.80 3.18 0.01	32.90 3.05 0.01
MUNSVILLE_WIND_PWR 323609	31.56 2.69 0.00	29.14 2.36 0.00	26.46 1.96 0.00	26.42 1.96 0.00	26.29 1.90 0.00	26.37 1.97 0.00	26.53 2.06 0.00	26.47 2.05 0.00	28.68 2.11 -0.15	31.65 2.37 -0.32	33.37 2.47 -0.33	34.60 2.15 -0.43	37.78 2.38 -0.42	39.25 2.34 -0.35	39.25 2.00 -0.24	36.06 1.87 -0.19	39.81 2.40 0.04	46.93 2.94 -0.05	47.56 3.34 -0.89	43.89 3.31 -0.64	38.52 2.74 -0.73	36.85 3.16 -0.04	33.53 2.85 -0.06	32.81 2.81 -0.14
N SALMON___HYD 24042	28.18 -0.69 0.00	26.21 -0.56 0.00	23.96 -0.54 0.00	23.95 -0.51 0.00	23.95 -0.44 0.00	23.88 -0.51 0.00	24.01 -0.47 0.00	24.00 -0.42 0.00	25.91 -0.50 0.00	28.43 -0.52 0.00	29.80 -0.76 0.00	31.26 -0.77 0.00	34.14 -0.84 0.00	35.50 -1.06 0.00	35.75 -1.26 0.00	32.61 -1.40 0.00	35.92 -1.54 0.00	42.22 -1.71 0.00	41.52 -1.82 0.00	38.42 -1.52 0.00	33.96 -1.09 0.00	32.50 -1.14 0.00	29.49 -1.13 0.00	28.64 -1.23 0.00
N.AKRON___115KV_KNAPP 355671	29.16 0.29 0.00	26.56 -0.21 0.00	24.21 -0.29 0.00	23.95 -0.51 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.77 -0.71 0.00	23.24 -1.17 0.00	25.57 -0.85 0.00	27.33 -1.62 0.00	29.56 -1.01 0.00	30.87 -1.15 0.00	33.62 -1.36 0.00	35.36 -1.21 0.00	35.94 -1.07 0.00	32.82 -1.19 -0.01	36.10 -1.35 0.00	41.39 -1.80 0.75	41.37 -1.47 0.49	38.29 -1.60 0.05	33.32 -1.65 0.08	32.05 -1.38 0.21	29.74 -0.89 0.00	29.38 -0.48 0.00
N.BELMOR_69_KV_BK1 55787	34.36 2.86 -2.62	33.42 2.54 -4.10	32.70 2.30 -5.90	29.81 2.06 -3.29	28.32 2.00 -1.92	29.17 2.02 -2.76	26.90 2.37 -0.05	29.09 2.37 -2.31	33.15 2.85 -3.89	34.80 3.30 -2.55	38.66 3.61 -4.49	42.61 3.91 -6.67	43.01 4.30 -3.73	48.19 4.57 -7.05	47.47 4.70 -5.75	48.35 4.32 -10.03	54.65 4.53 -12.66	56.60 5.32 -7.35	52.77 4.90 -4.54	48.00 4.59 -3.47	43.23 4.28 -3.91	40.25 3.97 -2.64	35.63 3.64 -1.36	35.41 3.49 -2.05
N.E_GEN_SANDY PD 24062	30.32 1.44 0.00	28.06 1.29 0.00	25.75 1.25 0.00	25.66 1.20 0.00	25.56 1.17 0.00	25.56 1.17 0.00	25.77 1.30 0.00	25.68 1.27 0.00	27.89 1.48 0.00	30.52 1.56 0.00	32.21 1.65 0.00	33.85 1.82 0.00	36.97 1.99 0.00	39.00 2.16 -0.28	40.00 2.26 -0.73	36.35 2.18 -0.17	40.30 2.36 -0.49	49.30 2.77 -2.59	49.62 2.69 -3.59	45.00 2.48 -2.59	41.00 2.14 -3.81	35.85 2.02 -0.19	32.40 1.78 0.00	31.56 1.70 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.87 1.99 0.00	28.60 1.82 0.00	26.17 1.67 0.00	25.91 1.44 0.00	25.76 1.37 0.00	25.81 1.41 0.00	26.21 1.74 0.00	26.15 1.73 0.00	28.50 2.09 0.00	31.36 2.40 0.00	33.13 2.57 0.00	34.78 2.75 0.00	38.06 3.08 0.00	38.39 3.25 1.43	36.67 3.40 3.75	37.21 3.23 0.02	38.56 3.60 2.49	41.38 4.17 6.74	46.25 3.90 0.99	42.20 3.55 1.29	39.69 3.19 -1.45	36.66 2.86 -0.16	33.32 2.69 0.00	32.43 2.57 0.00
N.QUEENS_27_KV_LOAD 356247	31.57 2.69 -0.01	29.22 2.44 -0.01	26.71 2.20 -0.01	26.42 1.96 0.00	26.24 1.85 0.00	26.17 1.78 0.00	26.61 2.13 0.00	26.51 2.10 0.00	28.95 2.54 0.00	32.01 3.04 -0.02	33.94 3.36 -0.02	38.00 3.59 -2.39	38.88 3.88 -0.02	41.40 3.99 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.60 4.49 -12.65	56.47 5.23 -7.31	52.84 4.98 -4.52	47.91 4.51 -3.46	44.93 4.00 -5.88	37.65 3.84 -0.17	34.03 3.40 -0.01	33.24 3.37 -0.01
N.TROY___115KV_TB1 355778	30.14 1.27 0.00	27.93 1.15 0.00	25.58 1.08 0.00	25.42 0.95 0.00	25.32 0.93 0.00	25.34 0.95 0.00	25.58 1.10 0.00	25.42 1.00 0.00	27.65 1.24 0.00	30.34 1.39 0.00	31.97 1.41 0.00	33.47 1.44 0.00	36.55 1.57 0.00	38.40 1.68 -0.15	39.12 1.70 -0.40	35.84 1.67 -0.17	39.48 1.76 -0.27	48.15 2.15 -2.06	49.21 2.21 -3.66	44.55 2.04 -2.58	40.89 1.72 -4.12	35.60 1.75 -0.21	32.13 1.50 0.00	31.30 1.43 0.00
NARROWS_GT1_1 24228	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT1_2 24229	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT1_3 24230	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT1_4 24231	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT1_5 24232	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07

NARROWS_GT1_6 24233	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT1_7 24234	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT1_8 24235	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_1 24236	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_2 24237	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_3 24238	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_4 24239	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_5 24240	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_6 24241	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_7 24242	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NARROWS_GT2_8 24243	31.54 2.65 -0.02	29.17 2.38 -0.01	26.71 2.21 -0.01	26.55 2.08 -0.01	26.37 1.97 -0.01	26.34 1.95 0.00	26.65 2.18 0.00	26.66 2.24 0.00	29.08 2.67 0.00	34.57 2.92 -2.70	39.16 3.42 -5.17	39.34 3.71 -3.59	39.05 4.06 -0.02	41.61 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.06 4.67 -3.46	45.12 4.13 -5.94	37.69 3.87 -0.18	38.92 3.52 -4.78	33.21 3.28 -0.07
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.43 1.56 0.00	28.17 1.39 0.00	25.82 1.32 0.00	25.69 1.22 0.00	25.59 1.20 0.00	25.59 1.20 0.00	25.82 1.35 0.00	25.51 1.10 0.00	27.65 1.24 0.00	30.31 1.36 0.00	31.91 1.34 0.00	33.24 1.22 0.00	36.48 1.50 0.00	38.31 1.65 -0.10	38.83 1.55 -0.27	35.62 1.46 -0.16	39.35 1.72 -0.18	47.95 2.33 -1.69	48.88 2.25 -3.29	44.71 2.48 -2.30	40.44 1.61 -3.77	35.96 2.12 -0.20	32.43 1.81 0.00	31.59 1.73 0.00
NCHELSEA_115KV_TR2 355582	31.04 2.17 0.00	28.73 1.95 0.00	26.31 1.81 0.00	26.06 1.59 0.00	25.90 1.51 0.00	25.95 1.56 0.00	26.36 1.88 0.00	26.20 1.78 0.00	28.52 2.11 0.00	31.44 2.49 0.00	33.22 2.66 0.00	34.88 2.85 0.00	38.27 3.29 0.00	40.08 3.47 -0.04	40.68 3.55 -0.12	37.50 3.37 -0.13	41.31 3.78 -0.08	49.57 4.44 -1.19	50.23 4.25 -2.64	45.65 3.87 -1.84	41.56 3.40 -3.10	36.87 3.06 -0.16	33.47 2.85 0.00	32.58 2.72 0.00
NEG CAPITAL___MECHNVIL 23645	30.61 1.73 0.00	28.30 1.53 0.00	25.90 1.40 0.00	25.86 1.39 0.00	25.73 1.34 0.00	25.71 1.32 0.00	25.89 1.42 0.00	25.76 1.34 0.00	28.02 1.61 0.00	30.75 1.80 0.00	32.40 1.83 0.00	33.88 1.86 0.00	37.08 2.10 0.00	38.83 2.12 -0.15	39.54 2.15 -0.38	36.25 2.07 -0.17	39.84 2.13 -0.25	48.65 2.68 -2.03	49.97 2.95 -3.68	45.16 2.64 -2.59	41.43 2.21 -4.17	36.17 2.32 -0.21	32.59 1.96 0.00	31.71 1.85 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.58 -0.29 0.00	26.38 -0.40 0.00	23.98 -0.52 0.00	23.88 -0.59 0.00	23.66 -0.73 0.00	23.63 -0.76 0.00	23.69 -0.78 0.00	23.66 -0.76 0.00	25.67 -0.74 0.00	28.17 -0.78 0.00	29.98 -0.58 0.00	31.32 -0.70 0.00	34.04 -0.94 0.00	35.69 -0.88 0.00	36.23 -0.78 0.00	33.09 -0.92 0.00	36.59 -0.86 0.00	42.14 -1.05 0.74	41.86 -0.95 0.53	38.77 -1.08 0.08	33.72 -1.19 0.14	32.53 -0.91 0.21	29.86 -0.76 0.00	29.26 -0.60 0.00

NEG CENTRAL___DRP 24199	29.31 0.43 0.00	27.02 0.24 0.00	24.65 0.15 0.00	24.47 0.00 0.00	24.37 -0.02 0.00	24.37 -0.02 0.00	24.50 0.02 0.00	24.32 -0.10 0.00	26.74 0.08 -0.24	29.36 -0.12 -0.52	31.22 0.12 -0.54	32.82 0.10 -0.69	35.72 0.07 -0.67	37.30 0.11 -0.63	37.72 0.15 -0.56	34.37 0.10 -0.27	37.65 0.15 -0.05	44.25 0.22 -0.09	44.38 0.35 -0.69	40.74 0.24 -0.56	35.29 0.07 -0.17	33.79 0.13 -0.01	30.96 0.24 -0.09	30.27 0.18 -0.23
NEG CENTRAL___INDECK 23768	30.26 1.39 0.00	27.77 0.99 0.00	25.21 0.71 0.00	25.08 0.61 0.00	24.83 0.44 0.00	24.78 0.39 0.00	24.79 0.32 0.00	24.66 0.24 0.00	26.52 0.11 0.00	28.72 -0.23 0.00	30.44 -0.12 0.00	31.68 -0.35 0.00	34.31 -0.67 0.00	35.91 -0.66 0.00	36.42 -0.59 0.00	33.47 -0.55 -0.01	37.08 -0.37 0.00	43.05 -0.31 0.58	43.39 0.35 0.30	40.53 0.56 -0.04	35.48 0.35 -0.07	34.18 0.71 0.17	31.45 0.83 0.00	30.82 0.96 0.00
NEG CENTRAL___SENECA 23627	29.48 0.61 0.00	27.15 0.37 0.00	24.74 0.24 0.00	24.54 0.07 0.00	24.42 0.02 0.00	24.44 0.05 0.00	24.55 0.07 0.00	24.37 -0.05 0.00	26.73 0.18 -0.13	29.08 -0.14 -0.28	31.03 0.18 -0.28	32.52 0.13 -0.37	35.44 0.10 -0.36	37.08 0.18 -0.33	37.53 0.22 -0.30	34.29 0.14 -0.14	37.70 0.22 -0.02	43.91 0.26 0.30	43.97 0.48 -0.15	40.54 0.32 -0.28	35.22 0.11 -0.07	33.75 0.20 0.09	31.01 0.34 -0.05	30.25 0.27 -0.12
NEG CENTRAL___STATE_STREET 24147	29.28 0.40 0.00	27.02 0.24 0.00	24.67 0.17 0.00	24.51 0.05 0.00	24.44 0.05 0.00	24.44 0.05 0.00	24.57 0.10 0.00	24.42 0.00 0.00	26.90 0.16 -0.33	29.73 0.09 -0.69	31.59 0.31 -0.72	33.27 0.32 -0.92	36.19 0.31 -0.90	37.73 0.33 -0.83	38.09 0.33 -0.75	34.67 0.31 -0.36	37.89 0.37 -0.06	44.95 0.48 -0.52	45.15 0.56 -1.24	41.24 0.48 -0.82	35.72 0.32 -0.35	34.10 0.34 -0.13	31.11 0.37 -0.12	30.44 0.27 -0.31
NEG MILLWOOD___DRP 24198	31.24 2.37 0.00	28.89 2.12 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.51 2.03 0.00	26.44 2.03 0.00	28.87 2.46 0.00	31.82 2.87 0.00	33.68 3.12 0.00	35.52 3.49 0.00	38.90 3.92 0.00	41.06 4.20 -0.30	45.39 4.44 -3.94	48.23 4.25 -9.98	53.89 4.72 -11.71	53.88 5.49 -4.45	51.82 5.20 -3.28	47.02 4.71 -2.38	42.51 4.07 -3.40	37.24 3.43 -0.16	33.72 3.09 0.00	32.82 2.96 0.00
NEG NORTH_FLCN_SEA 23793	28.64 -0.23 0.00	26.62 -0.16 0.00	24.33 -0.17 0.00	24.49 0.02 0.00	24.42 0.02 0.00	24.37 -0.02 0.00	24.33 -0.15 0.00	24.42 0.00 0.00	26.23 -0.18 0.00	28.78 -0.17 0.00	30.17 -0.40 0.00	31.64 -0.38 0.00	34.56 -0.42 0.00	35.98 -0.59 0.00	36.16 -0.85 0.00	33.02 -0.99 0.00	36.40 -1.05 0.00	42.80 -1.14 0.00	42.08 -1.26 0.00	38.90 -1.04 0.00	34.28 -0.77 0.00	32.90 -0.74 0.00	29.86 -0.77 0.00	28.97 -0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	28.24 -0.64 0.00	26.27 -0.51 0.00	24.01 -0.49 0.00	24.20 -0.27 0.00	24.15 -0.24 0.00	24.10 -0.29 0.00	24.04 -0.44 0.00	24.15 -0.27 0.00	25.91 -0.50 0.00	28.40 -0.55 0.00	29.77 -0.79 0.00	31.23 -0.80 0.00	34.11 -0.87 0.00	35.54 -1.02 0.00	35.75 -1.26 0.00	32.68 -1.33 0.00	35.99 -1.46 0.00	42.31 -1.63 0.00	41.61 -1.73 0.00	38.50 -1.44 0.00	33.89 -1.16 0.00	32.50 -1.14 0.00	29.49 -1.13 0.00	28.67 -1.19 0.00
NEG NORTH___ALICE_FALLS 23915	28.58 -0.29 0.00	26.59 -0.19 0.00	24.30 -0.20 0.00	24.44 -0.02 0.00	24.39 0.00 0.00	24.32 -0.07 0.00	24.30 -0.17 0.00	24.39 -0.02 0.00	26.23 -0.18 0.00	28.75 -0.20 0.00	30.14 -0.43 0.00	31.61 -0.42 0.00	34.53 -0.45 0.00	35.94 -0.62 0.00	36.12 -0.89 0.00	32.95 -1.05 0.00	36.33 -1.12 0.00	42.75 -1.19 0.00	42.00 -1.34 0.00	38.86 -1.08 0.00	34.28 -0.77 0.00	32.87 -0.77 0.00	29.83 -0.80 0.00	28.94 -0.93 0.00
NEG NORTH___LWR_SARANAC 23913	28.58 -0.29 0.00	26.59 -0.19 0.00	24.30 -0.20 0.00	24.44 -0.02 0.00	24.39 0.00 0.00	24.32 -0.07 0.00	24.30 -0.17 0.00	24.39 -0.02 0.00	26.23 -0.18 0.00	28.75 -0.20 0.00	30.14 -0.43 0.00	31.61 -0.42 0.00	34.53 -0.45 0.00	35.94 -0.62 0.00	36.12 -0.89 0.00	32.95 -1.05 0.00	36.33 -1.12 0.00	42.75 -1.19 0.00	42.00 -1.34 0.00	38.86 -1.08 0.00	34.28 -0.77 0.00	32.87 -0.77 0.00	29.83 -0.80 0.00	28.94 -0.93 0.00
NEG NORTH___PLATTSBURG 23628	28.58 -0.29 0.00	26.59 -0.19 0.00	24.28 -0.22 0.00	24.27 -0.20 0.00	24.25 -0.15 0.00	24.17 -0.22 0.00	24.31 -0.17 0.00	24.27 -0.15 0.00	26.23 -0.18 0.00	28.75 -0.20 0.00	30.11 -0.46 0.00	31.61 -0.42 0.00	34.52 -0.46 0.00	35.94 -0.62 0.00	36.12 -0.89 0.00	32.95 -1.05 0.00	36.33 -1.12 0.00	42.71 -1.23 0.00	42.00 -1.34 0.00	38.86 -1.08 0.00	34.35 -0.70 0.00	32.87 -0.77 0.00	29.83 -0.80 0.00	28.90 -0.96 0.00
NEG WEST_LEA_LOCKPORT 23791	28.58 -0.29 0.00	26.06 -0.72 0.00	23.76 -0.73 0.00	23.49 -0.98 0.00	23.29 -1.10 0.00	23.27 -1.12 0.00	23.33 -1.15 0.00	22.73 -1.68 0.00	25.04 -1.37 0.00	26.72 -2.23 0.00	28.94 -1.62 0.00	30.23 -1.79 0.00	32.92 -2.06 0.00	34.59 -1.97 0.00	35.16 -1.85 0.00	32.17 -1.84 -0.01	35.32 -2.13 0.00	40.39 -2.81 0.73	40.31 -2.56 0.47	37.34 -2.56 0.04	32.50 -2.49 0.06	31.25 -2.19 0.21	29.06 -1.56 0.00	28.82 -1.05 0.00
NEG WEST___LANCASTR 23811	28.82 -0.06 0.00	26.30 -0.48 0.00	23.99 -0.51 0.00	23.66 -0.81 0.00	23.49 -0.90 0.00	23.46 -0.93 0.00	23.62 -0.86 0.00	23.12 -1.29 0.00	25.43 -0.98 0.00	27.30 -1.65 0.00	29.46 -1.10 0.00	30.75 -1.28 0.00	33.44 -1.54 0.00	35.14 -1.43 0.00	35.68 -1.33 0.00	32.72 -1.29 -0.01	35.95 -1.50 0.00	40.34 -2.99 0.61	40.30 -2.73 0.31	37.26 -2.72 -0.04	32.50 -2.63 -0.07	31.08 -2.39 0.18	29.52 -1.10 0.00	29.20 -0.66 0.00
NEG_PENN_ALLEGHNY 23528	29.54 0.66 0.00	27.29 0.51 0.00	24.89 0.39 0.00	24.78 0.32 0.00	24.64 0.24 0.00	24.64 0.24 0.00	24.75 0.27 0.00	24.71 0.29 0.00	26.90 0.34 -0.15	29.64 0.38 -0.31	31.46 0.58 -0.32	32.95 0.51 -0.41	35.87 0.49 -0.40	37.44 0.55 -0.33	37.78 0.56 -0.22	34.73 0.54 -0.18	38.04 0.64 0.05	44.50 0.57 0.01	44.84 0.65 -0.85	41.12 0.56 -0.63	36.14 0.35 -0.74	34.11 0.44 -0.03	31.23 0.55 -0.05	30.57 0.57 -0.14
NEG___GEN_MONROE 24207	29.05 0.17 0.00	26.62 -0.16 0.00	24.28 -0.22 0.00	24.05 -0.42 0.00	23.93 -0.46 0.00	23.93 -0.46 0.00	23.99 -0.49 0.00	23.56 -0.85 0.00	25.80 -0.61 0.00	27.82 -1.13 0.00	29.80 -0.76 0.00	31.13 -0.90 0.00	33.93 -1.05 0.00	35.58 -0.99 0.00	36.23 -0.78 0.00	33.09 -0.92 0.00	36.44 -1.01 0.00	42.05 -1.05 0.83	41.91 -0.82 0.60	38.91 -0.92 0.11	33.89 -0.98 0.18	32.60 -0.81 0.23	30.04 -0.58 0.00	29.53 -0.33 0.00
NEPA___ENERGY 23901	29.16 0.29 0.00	26.62 -0.16 0.00	24.28 -0.22 0.00	23.93 -0.54 0.00	23.76 -0.63 0.00	23.76 -0.63 0.00	23.94 -0.54 0.00	23.51 -0.90 0.00	25.86 -0.55 0.00	27.77 -1.19 0.00	29.95 -0.61 0.00	31.23 -0.80 0.00	33.97 -1.01 0.00	35.65 -0.91 0.00	36.20 -0.81 0.00	33.20 -0.82 -0.01	36.48 -0.97 0.00	41.67 -1.67 0.60	41.61 -1.43 0.30	38.50 -1.48 -0.04	33.56 -1.58 -0.08	32.12 -1.35 0.18	30.01 -0.61 0.00	29.56 -0.30 0.00

NEVERSINK___HYD 23608	30.29 1.41 0.00	28.01 1.23 0.00	25.68 1.18 0.00	25.57 1.10 0.00	25.39 1.00 0.00	25.42 1.02 0.00	25.70 1.22 0.00	25.61 1.20 0.00	27.73 1.32 0.00	30.49 1.53 0.00	32.24 1.68 0.00	33.79 1.76 0.00	37.08 2.10 0.00	37.54 1.17 0.20	37.64 1.15 0.51	35.25 1.16 -0.09	38.53 1.42 0.34	45.49 1.76 0.21	46.71 1.60 -1.76	42.58 1.52 -1.13	38.84 1.30 -2.49	35.97 2.19 -0.14	32.68 2.05 0.00	31.74 1.88 0.00
NEWKRMKL_115KV_TB1 55635	29.71 0.84 0.00	27.50 0.72 0.00	25.23 0.73 0.00	25.08 0.61 0.00	24.98 0.59 0.00	25.00 0.61 0.00	25.23 0.76 0.00	25.10 0.68 0.00	27.34 0.92 0.00	29.91 0.96 0.00	31.57 1.01 0.00	33.08 1.06 0.00	36.13 1.15 0.00	37.96 1.24 -0.15	38.66 1.26 -0.39	35.43 1.26 -0.17	39.02 1.31 -0.26	47.59 1.63 -2.03	48.61 1.65 -3.62	43.97 1.48 -2.55	40.33 1.19 -4.08	35.13 1.28 -0.21	31.70 1.07 0.00	30.88 1.02 0.00
NEWTON___FALLS_HYD 23847	27.78 -1.10 0.00	25.79 -0.99 0.00	23.54 -0.96 0.00	23.61 -0.86 0.00	23.56 -0.83 0.00	23.54 -0.85 0.00	23.57 -0.91 0.00	23.56 -0.85 0.00	25.46 -1.08 -0.13	28.10 -1.13 -0.28	29.53 -1.31 -0.28	30.92 -1.47 -0.37	33.69 -1.64 -0.36	35.07 -1.83 -0.33	35.35 -1.96 -0.30	32.21 -1.94 -0.14	35.38 -2.10 -0.02	41.88 -2.24 -0.19	41.65 -2.12 -0.43	38.46 -1.76 -0.29	33.65 -1.47 -0.07	32.44 -1.24 -0.05	29.42 -1.26 -0.05	28.67 -1.31 -0.12
NGRID_A1_DSASP 323792	27.83 -1.04 0.00	25.63 -1.15 0.00	23.25 -1.25 0.00	23.07 -1.39 0.00	22.73 -1.66 0.00	22.71 -1.68 0.00	22.76 -1.71 0.00	22.56 -1.86 0.00	24.46 -1.95 0.00	26.72 -2.23 0.00	28.64 -1.92 0.00	29.82 -2.21 0.00	32.11 -2.87 0.00	33.78 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.68 -2.77 0.00	39.52 -3.69 0.73	39.50 -3.38 0.46	36.51 -3.39 0.03	31.67 -3.33 0.05	30.61 -2.83 0.21	28.42 -2.21 0.00	28.28 -1.58 0.00
NGRID_A2_DSASP 323793	27.83 -1.04 0.00	25.63 -1.15 0.00	23.25 -1.25 0.00	23.07 -1.39 0.00	22.73 -1.66 0.00	22.71 -1.68 0.00	22.76 -1.71 0.00	22.56 -1.86 0.00	24.46 -1.95 0.00	26.72 -2.23 0.00	28.64 -1.92 0.00	29.82 -2.21 0.00	32.11 -2.87 0.00	33.78 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 0.00	34.68 -2.77 0.00	39.52 -3.69 0.73	39.50 -3.38 0.46	36.51 -3.39 0.03	31.67 -3.33 0.05	30.61 -2.83 0.21	28.42 -2.21 0.00	28.28 -1.58 0.00
NGRID_A4_DSASP 323807	27.83 -1.04 0.00	25.63 -1.15 0.00	23.25 -1.25 0.00	23.07 -1.39 0.00	22.73 -1.66 0.00	22.71 -1.68 0.00	22.76 -1.71 0.00	22.56 -1.86 0.00	24.46 -1.95 0.00	26.72 -2.23 0.00	28.64 -1.92 0.00	29.82 -2.21 0.00	32.11 -2.87 0.00	33.78 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.68 -2.77 0.00	39.52 -3.69 0.73	39.50 -3.38 0.46	36.51 -3.39 0.03	31.67 -3.33 0.05	30.61 -2.83 0.21	28.42 -2.21 0.00	28.28 -1.58 0.00
NIAGARA_115E_LBMP 323715	28.12 -0.75 0.00	25.87 -0.91 0.00	23.47 -1.03 0.00	23.29 -1.17 0.00	22.95 -1.44 0.00	22.90 -1.49 0.00	22.91 -1.57 0.00	22.63 -1.78 0.00	24.54 -1.87 0.00	26.81 -2.14 0.00	28.73 -1.83 0.00	29.88 -2.15 0.00	32.22 -2.76 0.00	33.90 -2.67 0.00	34.42 -2.59 0.00	31.50 -2.52 -0.01	34.79 -2.66 0.00	39.57 -3.65 0.72	39.55 -3.34 0.45	36.63 -3.27 0.03	31.78 -3.22 0.04	30.71 -2.72 0.21	28.51 -2.11 0.00	28.31 -1.55 0.00
NIAGARA_115W_LBMP 323714	27.75 -1.13 0.00	25.55 -1.23 0.00	23.18 -1.32 0.00	23.00 -1.47 0.00	22.66 -1.73 0.00	22.63 -1.76 0.00	22.71 -1.76 0.00	22.49 -1.93 0.00	24.40 -2.01 0.00	26.67 -2.29 0.00	28.58 -1.99 0.00	29.72 -2.31 0.00	32.04 -2.94 0.00	33.68 -2.89 0.00	34.23 -2.78 0.00	31.29 -2.72 -0.01	34.57 -2.88 0.00	39.43 -3.78 0.73	39.41 -3.47 0.46	36.43 -3.47 0.03	31.60 -3.40 0.05	30.54 -2.89 0.21	28.33 -2.30 0.00	28.19 -1.67 0.00
NIAGARA_230_LBMP 323716	28.15 -0.72 0.00	25.92 -0.86 0.00	23.52 -0.98 0.00	23.34 -1.13 0.00	23.03 -1.37 0.00	22.98 -1.42 0.00	23.06 -1.42 0.00	22.83 -1.59 0.00	24.77 -1.64 0.00	27.07 -1.88 0.00	28.97 -1.59 0.00	30.17 -1.86 0.00	32.53 -2.45 0.00	34.19 -2.38 0.00	34.75 -2.26 0.00	31.80 -2.21 -0.01	35.09 -2.36 0.00	40.03 -3.16 0.74	40.00 -2.86 0.48	36.98 -2.91 0.04	32.11 -2.87 0.06	31.04 -2.39 0.21	28.79 -1.84 0.00	28.58 -1.28 0.00
NIAGARA___115KV_198_GIBSON 55903	27.72 -1.15 0.00	25.31 -1.47 0.00	23.10 -1.40 0.00	22.83 -1.64 0.00	22.66 -1.73 0.00	22.61 -1.78 0.00	22.71 -1.76 0.00	22.12 -2.30 0.00	24.40 -2.01 0.00	26.00 -2.95 0.00	28.18 -2.38 0.00	29.43 -2.59 0.00	32.04 -2.94 0.00	33.68 -2.89 0.00	34.23 -2.78 0.00	31.32 -2.69 -0.01	34.34 -3.11 0.00	39.38 -3.82 0.73	39.32 -3.55 0.46	36.39 -3.51 0.03	31.67 -3.33 0.05	30.44 -2.99 0.21	28.30 -2.33 0.00	28.10 -1.76 0.00
NIAGARA____ 23760	28.15 -0.72 0.00	25.92 -0.86 0.00	23.52 -0.98 0.00	23.34 -1.13 0.00	23.03 -1.37 0.00	22.98 -1.42 0.00	23.06 -1.42 0.00	22.83 -1.59 0.00	24.77 -1.64 0.00	27.07 -1.88 0.00	28.97 -1.59 0.00	30.17 -1.86 0.00	32.53 -2.45 0.00	34.19 -2.38 0.00	34.75 -2.26 0.00	31.80 -2.21 -0.01	35.09 -2.36 0.00	40.04 -3.16 0.73	40.01 -2.86 0.47	36.99 -2.91 0.03	32.12 -2.87 0.05	31.05 -2.39 0.21	28.79 -1.84 0.00	28.58 -1.28 0.00
NINE_MILE_1 23575	28.15 -0.72 0.00	26.16 -0.61 0.00	23.91 -0.59 0.00	23.85 -0.61 0.00	23.73 -0.66 0.00	23.73 -0.66 0.00	23.82 -0.66 0.00	23.68 -0.73 0.00	23.42 -0.79 2.20	23.44 -0.84 4.67	24.94 -0.79 4.83	24.92 -0.90 6.21	27.93 -1.02 6.04	29.93 -1.02 5.61	30.94 -1.04 5.04	30.66 -0.95 2.39	36.00 -1.05 0.41	33.14 -1.23 9.57	29.44 -1.17 12.73	32.52 -1.12 6.30	30.35 -1.05 3.65	30.17 -0.94 2.53	28.99 -0.83 0.81	26.97 -0.80 2.08
NINE_MILE_2 23744	28.15 -0.72 0.00	26.16 -0.61 0.00	23.91 -0.59 0.00	23.85 -0.61 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.82 -0.66 0.00	23.68 -0.73 0.00	23.42 -0.77 2.23	23.37 -0.84 4.74	24.87 -0.79 4.90	24.83 -0.90 6.30	27.84 -1.02 6.13	29.85 -1.02 5.69	30.86 -1.04 5.11	30.63 -0.95 2.42	35.99 -1.05 0.42	33.01 -1.23 9.70	29.26 -1.17 12.92	32.42 -1.12 6.39	30.30 -1.05 3.70	30.14 -0.94 2.56	28.98 -0.83 0.82	26.94 -0.80 2.11
NM_CAPITAL___DRP 24208	29.77 0.90 0.00	27.56 0.78 0.00	25.28 0.78 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.07 0.68 0.00	25.28 0.81 0.00	25.15 0.73 0.00	27.36 0.95 0.00	29.97 1.01 0.00	31.63 1.07 0.00	33.15 1.12 0.00	36.20 1.22 0.00	38.03 1.32 -0.15	38.74 1.33 -0.40	35.50 1.33 -0.17	39.11 1.39 -0.27	47.69 1.71 -2.04	48.65 1.69 -3.62	44.05 1.56 -2.55	40.39 1.26 -4.08	35.16 1.31 -0.21	31.76 1.13 0.00	30.94 1.08 0.00
NM_CENTRAL___DRP 24181	28.84 -0.03 0.00	26.73 -0.05 0.00	24.43 -0.07 0.00	24.27 -0.20 0.00	24.20 -0.20 0.00	24.20 -0.20 0.00	24.30 -0.17 0.00	24.15 -0.27 0.00	26.47 -0.16 -0.21	29.20 -0.20 -0.45	30.97 -0.06 -0.47	32.53 -0.10 -0.60	35.43 -0.14 -0.59	36.96 -0.15 -0.54	37.35 -0.15 -0.49	34.10 -0.14 -0.23	37.34 -0.15 -0.04	43.72 -0.18 0.05	43.66 -0.13 -0.45	40.19 -0.16 -0.42	34.86 -0.21 -0.02	33.45 -0.17 0.02	30.64 -0.06 -0.08	29.94 -0.12 -0.20

NM_FRONTIER___DRP 24179	27.72 -1.15 0.00	25.31 -1.47 0.00	23.10 -1.40 0.00	22.83 -1.64 0.00	22.66 -1.73 0.00	22.61 -1.78 0.00	22.71 -1.76 0.00	22.12 -2.30 0.00	24.40 -2.01 0.00	26.00 -2.95 0.00	28.18 -2.38 0.00	29.43 -2.59 0.00	32.04 -2.94 0.00	33.68 -2.89 0.00	34.23 -2.78 0.00	31.32 -2.69 -0.01	34.34 -3.11 0.00	39.38 -3.82 0.73	39.32 -3.55 0.46	36.39 -3.51 0.03	31.67 -3.33 0.05	30.44 -2.99 0.21	28.30 -2.33 0.00	28.10 -1.76 0.00
NM_ST_REGIS___HYD 24053	27.49 -1.39 0.00	25.55 -1.23 0.00	23.37 -1.13 0.00	23.56 -0.91 0.00	23.54 -0.85 0.00	23.46 -0.93 0.00	23.42 -1.05 0.00	23.56 -0.85 0.00	25.25 -1.16 0.00	27.71 -1.24 0.00	29.04 -1.53 0.00	30.43 -1.60 0.00	33.20 -1.78 0.00	34.55 -2.01 0.00	34.83 -2.18 0.00	31.79 -2.21 0.00	35.06 -2.40 0.00	41.21 -2.72 0.00	40.61 -2.73 0.00	37.58 -2.36 0.00	33.16 -1.89 0.00	31.82 -1.82 0.00	28.88 -1.75 0.00	28.07 -1.79 0.00
NORTHPORT___1 23551	33.95 2.45 -2.62	33.13 2.25 -4.10	32.53 2.13 -5.90	29.85 2.10 -3.29	28.34 2.02 -1.92	29.20 2.05 -2.76	26.86 2.33 -0.05	29.12 2.39 -2.31	32.94 2.64 -3.89	34.31 2.81 -2.55	35.76 2.91 -2.29	38.55 3.20 -3.32	39.91 3.57 -1.36	41.40 3.77 -1.07	38.11 3.92 2.82	39.15 3.60 -1.54	46.08 3.82 -4.81	48.26 4.61 0.30	50.13 4.16 -2.63	47.36 3.95 -3.47	42.21 3.44 -3.72	38.05 3.36 -1.05	35.05 3.06 -1.36	34.81 2.90 -2.05
NORTHPORT___2 23552	33.95 2.45 -2.62	33.13 2.25 -4.10	32.53 2.13 -5.90	29.85 2.10 -3.29	28.34 2.02 -1.92	29.20 2.05 -2.76	26.86 2.33 -0.05	29.12 2.39 -2.31	32.94 2.64 -3.89	34.31 2.81 -2.55	35.76 2.91 -2.29	38.55 3.20 -3.32	39.91 3.57 -1.36	41.40 3.77 -1.07	38.11 3.92 2.82	39.15 3.60 -1.54	46.08 3.82 -4.81	48.26 4.61 0.30	50.13 4.16 -2.63	47.36 3.95 -3.47	42.21 3.44 -3.72	38.05 3.36 -1.05	35.05 3.06 -1.36	34.81 2.90 -2.05
NORTHPORT___3 23553	33.60 2.11 -2.62	32.89 2.01 -4.10	32.36 1.96 -5.90	29.61 1.86 -3.29	28.09 1.78 -1.92	28.95 1.80 -2.76	26.59 2.06 -0.05	28.87 2.15 -2.31	32.70 2.40 -3.89	33.90 2.40 -2.55	35.48 2.63 -2.28	38.25 2.91 -3.31	39.59 3.25 -1.35	41.36 3.73 -1.06	38.06 3.89 2.83	39.07 3.54 -1.53	45.93 3.67 -4.80	48.42 4.79 0.30	50.08 4.12 -2.62	46.92 3.52 -3.47	42.03 3.26 -3.72	38.15 2.96 -1.55	34.68 2.70 -1.36	34.48 2.57 -2.05
NORTHPORT___4 23650	33.60 2.11 -2.62	32.89 2.01 -4.10	32.36 1.96 -5.90	29.61 1.86 -3.29	28.09 1.78 -1.92	28.95 1.80 -2.76	26.59 2.06 -0.05	28.87 2.15 -2.31	32.70 2.40 -3.89	33.90 2.40 -2.55	35.48 2.63 -2.28	38.25 2.91 -3.31	39.59 3.25 -1.35	41.36 3.73 -1.06	38.06 3.89 2.83	39.07 3.54 -1.53	45.93 3.67 -4.80	48.42 4.79 0.30	50.08 4.12 -2.62	46.92 3.52 -3.47	42.03 3.26 -3.72	38.15 2.96 -1.55	34.68 2.70 -1.36	34.48 2.57 -2.05
NORTHPORT___IC 23718	33.95 2.45 -2.62	33.16 2.28 -4.10	32.53 2.13 -5.90	29.71 1.96 -3.29	28.22 1.90 -1.92	29.10 1.95 -2.76	26.85 2.33 -0.05	29.05 2.32 -2.31	32.94 2.64 -3.89	34.40 2.90 -2.55	35.79 2.93 -2.29	38.58 3.23 -3.32	39.91 3.57 -1.36	41.40 3.77 -1.07	38.11 3.92 2.82	39.15 3.60 -1.54	46.12 3.86 -4.81	48.21 4.57 0.30	50.09 4.12 -2.63	47.36 3.95 -3.47	42.31 3.54 -3.72	38.05 3.36 -1.05	35.05 3.06 -1.36	34.90 2.99 -2.05
NORTH___COUNTRY_ESR 323785	28.18 -0.69 0.00	26.16 -0.61 0.00	23.94 -0.56 0.00	23.93 -0.54 0.00	23.93 -0.46 0.00	23.90 -0.49 0.00	23.96 -0.52 0.00	23.95 -0.46 0.00	25.83 -0.58 0.00	28.32 -0.64 0.00	29.68 -0.89 0.00	31.16 -0.86 0.00	34.04 -0.94 0.00	35.47 -1.10 0.00	35.68 -1.33 0.00	32.64 -1.36 0.00	35.95 -1.50 0.00	42.18 -1.76 0.00	41.52 -1.82 0.00	38.38 -1.56 0.00	33.86 -1.19 0.00	32.40 -1.24 0.00	29.43 -1.19 0.00	28.58 -1.28 0.00
NPX_GEN_1385_PROXY 323591	33.46 1.96 -2.62	32.65 1.77 -4.10	32.09 1.69 -5.90	29.59 1.84 -3.29	28.12 1.80 -1.92	28.93 1.78 -2.76	26.78 2.25 -0.05	29.02 2.29 -2.31	32.49 2.19 -3.89	34.05 2.55 -2.55	35.27 2.41 -2.29	38.00 2.66 -3.32	39.28 2.94 -1.36	41.29 3.66 -1.07	38.00 3.81 2.82	38.98 3.43 -1.54	45.71 3.44 -4.81	48.65 5.01 0.30	50.00 4.03 -2.63	47.08 3.67 -3.47	41.96 3.19 -3.72	37.82 3.13 -1.05	34.87 2.88 -1.36	34.51 2.60 -2.05
NPX_GEN_CSC 323557	34.33 2.83 -2.62	33.34 2.46 -4.10	32.65 2.25 -5.90	29.90 2.15 -3.29	28.36 2.05 -1.92	29.25 2.10 -2.76	26.86 2.33 -0.05	29.12 2.39 -2.31	33.10 2.80 -3.89	34.69 3.18 -2.55	38.54 3.57 -4.40	53.78 3.97 -17.78	65.23 4.41 -25.84	106.74 4.72 -65.46	131.40 4.92 -89.47	131.39 4.52 -92.86	131.58 4.83 -89.30	131.66 5.80 -81.93	71.88 5.33 -23.21	48.33 4.91 -3.48	45.06 4.24 -5.77	46.13 4.07 -8.42	35.60 3.61 -1.36	35.31 3.40 -2.05
NSINS_S_GLNS_FALLS 23858	30.75 1.88 0.00	28.44 1.66 0.00	25.95 1.45 0.00	25.81 1.35 0.00	25.68 1.29 0.00	25.68 1.29 0.00	25.97 1.49 0.00	25.76 1.34 0.00	28.15 1.74 0.00	30.98 2.03 0.00	32.49 1.93 0.00	33.89 1.86 0.00	37.08 2.10 0.00	38.61 1.90 -0.14	39.27 1.89 -0.37	36.02 1.84 -0.17	39.53 1.84 -0.24	48.41 2.46 -2.01	50.16 3.12 -3.70	45.29 2.76 -2.60	41.59 2.35 -4.19	36.41 2.56 -0.22	32.74 2.11 0.00	31.83 1.97 0.00
NUCOR_STEEL___DRP 24197	29.34 0.46 0.00	27.10 0.32 0.00	24.74 0.24 0.00	24.59 0.12 0.00	24.51 0.12 0.00	24.54 0.15 0.00	24.65 0.17 0.00	24.49 0.07 0.00	27.00 0.24 -0.35	29.87 0.17 -0.74	31.70 0.37 -0.77	33.37 0.35 -0.99	36.29 0.35 -0.96	37.82 0.37 -0.89	38.18 0.37 -0.80	34.73 0.34 -0.38	37.93 0.41 -0.07	45.01 0.53 -0.55	45.20 0.56 -1.30	41.27 0.48 -0.86	35.70 0.32 -0.34	34.14 0.37 -0.13	31.15 0.40 -0.13	30.52 0.33 -0.33
NUMBER_THREE_WT_PWR 323818	28.93 0.06 0.00	26.81 0.03 0.00	24.45 -0.05 0.00	24.42 -0.05 0.00	24.34 -0.05 0.00	24.34 -0.05 0.00	24.45 -0.02 0.00	24.34 -0.07 0.00	26.44 -0.13 -0.15	29.17 -0.12 -0.33	30.75 -0.15 -0.34	32.11 -0.35 -0.44	34.99 -0.42 -0.43	36.48 -0.48 -0.40	36.74 -0.63 -0.36	33.52 -0.65 -0.17	36.85 -0.64 -0.03	43.64 -0.53 -0.23	43.57 -0.30 -0.53	40.20 -0.08 -0.35	35.04 -0.10 -0.09	33.87 0.17 -0.06	30.71 0.03 -0.06	29.98 -0.03 -0.15
NYISO_LBMP_REFERENCE 24008	28.87 0.00 0.00	26.78 0.00 0.00	24.50 0.00 0.00	24.47 0.00 0.00	24.39 0.00 0.00	24.39 0.00 0.00	24.48 0.00 0.00	24.42 0.00 0.00	26.41 0.00 0.00	28.95 0.00 0.00	30.56 0.00 0.00	32.03 0.00 0.00	34.98 0.00 0.00	36.56 0.00 0.00	37.01 0.00 0.00	34.00 0.00 0.00	37.45 0.00 0.00	43.94 0.00 0.00	43.34 0.00 0.00	39.94 0.00 0.00	35.05 0.00 0.00	33.64 0.00 0.00	30.62 0.00 0.00	29.86 0.00 0.00
NYPA_BRENTWD____GT 24164	34.53 3.03 -2.62	33.58 2.70 -4.10	32.92 2.52 -5.90	30.20 2.45 -3.29	28.66 2.34 -1.92	29.54 2.39 -2.76	27.17 2.64 -0.05	29.44 2.71 -2.31	33.36 3.06 -3.89	34.83 3.33 -2.55	38.51 3.64 -4.31	44.78 3.91 -8.85	47.68 4.34 -8.37	60.24 4.35 -19.33	64.91 4.55 -23.35	65.62 4.18 -27.44	70.67 4.45 -28.77	72.32 5.36 -23.02	56.70 4.90 -8.46	48.24 4.83 -3.47	43.52 4.17 -4.30	59.90 4.17 -22.09	35.75 3.77 -1.36	35.49 3.58 -2.05

NYPA_GOWANUS____GT5 24156	31.54	29.17	26.71	26.55	26.37	26.34	26.65	26.66	29.08	34.57	39.16	39.34	39.05	41.61	46.76	48.11	54.72	56.62	52.98	48.02	45.12	37.69	38.92	33.21
	2.65	2.38	2.21	2.08	1.97	1.95	2.18	2.24	2.67	2.92	3.42	3.71	4.06	4.20	4.40	4.08	4.57	5.31	5.07	4.63	4.13	3.87	3.52	3.28
	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.70	-5.17	-3.59	-0.02	-0.85	-5.34	-10.03	-12.70	-7.36	-4.57	-3.46	-5.94	-0.18	-4.78	-0.07
NYPA_GOWANUS____GT6 24157	31.54	29.17	26.71	26.55	26.37	26.34	26.65	26.66	29.08	34.57	39.16	39.34	39.05	41.61	46.76	48.11	54.72	56.62	52.98	48.02	45.12	37.69	38.92	33.21
	2.65	2.38	2.21	2.08	1.97	1.95	2.18	2.24	2.67	2.92	3.42	3.71	4.06	4.20	4.40	4.08	4.57	5.31	5.07	4.63	4.13	3.87	3.52	3.28
	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.70	-5.17	-3.59	-0.02	-0.85	-5.34	-10.03	-12.70	-7.36	-4.57	-3.46	-5.94	-0.18	-4.78	-0.07
NYPA_HARLEM__RVR__GT1 24160	31.51	29.12	26.66	26.52	26.32	26.24	26.53	26.54	28.89	31.65	33.78	37.84	38.73	41.28	46.39	47.77	54.41	56.30	52.67	47.79	44.76	37.45	33.97	33.10
	2.63	2.33	2.16	2.06	1.93	1.85	2.06	2.12	2.48	2.69	3.21	3.43	3.74	3.87	4.03	3.74	4.31	5.05	4.81	4.39	3.82	3.63	3.34	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-2.39	-0.01	-0.84	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.88	-0.17	-0.01	-0.01
NYPA_HARLEM__RVR__GT2 24161	31.51	29.12	26.66	26.52	26.32	26.24	26.53	26.54	28.89	31.65	33.78	37.84	38.73	41.28	46.39	47.77	54.41	56.30	52.67	47.79	44.76	37.45	33.97	33.10
	2.63	2.33	2.16	2.06	1.93	1.85	2.06	2.12	2.48	2.69	3.21	3.43	3.74	3.87	4.03	3.74	4.31	5.05	4.81	4.39	3.82	3.63	3.34	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-2.39	-0.01	-0.84	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.88	-0.17	-0.01	-0.01
NYPA_KENT____GT 24152	31.48	29.09	26.63	26.50	26.32	26.29	26.60	26.64	29.03	33.40	36.86	38.75	38.95	41.51	46.64	48.01	54.59	56.46	52.83	47.90	45.02	37.58	36.79	33.13
	2.60	2.30	2.13	2.03	1.93	1.90	2.13	2.22	2.62	2.89	3.33	3.62	3.95	4.09	4.29	3.98	4.45	5.18	4.94	4.51	4.03	3.77	3.43	3.23
	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.55	-2.97	-3.11	-0.02	-0.85	-5.34	-10.03	-12.68	-7.34	-4.55	-3.46	-5.94	-0.18	-2.74	-0.04
NYPA_POUCH1____GT 24155	31.46	29.14	26.69	26.53	26.35	26.32	26.58	26.59	28.97	34.49	39.04	39.21	38.95	41.47	46.64	48.01	54.65	56.53	52.90	47.94	45.02	37.59	38.83	33.13
	2.57	2.36	2.18	2.06	1.95	1.93	2.11	2.17	2.56	2.84	3.30	3.59	3.95	4.06	4.29	3.98	4.49	5.23	4.98	4.55	4.03	3.77	3.43	3.20
	-0.02	-0.01	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	-2.70	-5.17	-3.59	-0.02	-0.85	-5.34	-10.03	-12.70	-7.36	-4.57	-3.46	-5.94	-0.18	-4.78	-0.07
NYPA_VERNON____GT2 24162	31.42	29.03	26.58	26.42	26.25	26.24	26.58	26.61	29.00	32.20	34.60	38.17	38.84	41.47	46.57	47.94	54.49	56.35	52.72	47.83	44.91	37.48	34.69	33.04
	2.54	2.25	2.08	1.96	1.85	1.85	2.11	2.20	2.59	2.84	3.27	3.52	3.85	4.06	4.22	3.91	4.38	5.09	4.85	4.43	3.92	3.67	3.37	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.76	-2.62	-0.02	-0.85	-5.34	-10.03	-12.66	-7.31	-4.53	-3.46	-5.94	-0.17	-0.70	-0.02
NYPA_VERNON____GT3 24163	31.42	29.03	26.58	26.42	26.25	26.24	26.58	26.61	29.00	32.20	34.60	38.17	38.84	41.47	46.57	47.94	54.49	56.35	52.72	47.83	44.91	37.48	34.69	33.04
	2.54	2.25	2.08	1.96	1.85	1.85	2.11	2.20	2.59	2.84	3.27	3.52	3.85	4.06	4.22	3.91	4.38	5.09	4.85	4.43	3.92	3.67	3.37	3.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.40	-0.76	-2.62	-0.02	-0.85	-5.34	-10.03	-12.66	-7.31	-4.53	-3.46	-5.94	-0.17	-0.70	-0.02
NYPA____ASTORIA_CC1 323568	31.38	29.00	26.56	26.42	26.24	26.22	26.53	26.56	28.95	31.75	33.82	37.94	38.81	41.40	46.50	47.87	54.41	56.25	52.63	47.75	44.84	37.45	33.94	33.00
	2.51	2.22	2.06	1.96	1.85	1.83	2.06	2.15	2.54	2.78	3.24	3.46	3.81	3.99	4.14	3.84	4.31	5.01	4.77	4.35	3.86	3.63	3.31	3.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-2.45	-0.02	-0.85	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.94	-0.17	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	31.38	29.00	26.56	26.42	26.24	26.22	26.53	26.56	28.95	31.75	33.82	37.94	38.81	41.40	46.50	47.87	54.41	56.25	52.63	47.75	44.84	37.45	33.94	33.00
	2.51	2.22	2.06	1.96	1.85	1.83	2.06	2.15	2.54	2.78	3.24	3.46	3.81	3.99	4.14	3.84	4.31	5.01	4.77	4.35	3.86	3.63	3.31	3.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.02	-2.45	-0.02	-0.85	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.94	-0.17	-0.01	-0.01
NYPA____HOLTSVILL 23794	34.36	33.40	32.73	30.00	28.49	29.34	26.98	29.24	33.18	34.69	38.46	53.39	64.62	105.43	129.60	129.63	129.90	130.02	71.24	48.09	44.85	45.93	35.57	35.28
	2.86	2.52	2.33	2.25	2.17	2.20	2.45	2.52	2.88	3.18	3.48	3.78	4.20	4.46	4.63	4.25	4.53	5.49	5.03	4.67	4.06	3.90	3.58	3.37
	-2.62	-4.10	-5.90	-3.29	-1.92	-2.76	-0.05	-2.31	-3.89	-2.55	-4.41	-17.59	-25.44	-64.41	-87.97	-91.38	-87.92	-80.59	-22.87	-3.48	-5.74	-8.39	-1.36	-2.05
NYPA____HELLGATE_GT1 24158	31.51	29.12	26.66	26.52	26.32	26.24	26.53	26.54	28.89	31.65	33.78	37.84	38.73	41.28	46.39	47.77	54.41	56.30	52.67	47.79	44.76	37.45	33.97	33.10
	2.63	2.33	2.16	2.06	1.93	1.85	2.06	2.12	2.48	2.69	3.21	3.43	3.74	3.87	4.03	3.74	4.31	5.05	4.81	4.39	3.82	3.63	3.34	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-2.39	-0.01	-0.84	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.88	-0.17	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	31.51	29.12	26.66	26.52	26.32	26.24	26.53	26.54	28.89	31.65	33.78	37.84	38.73	41.28	46.39	47.77	54.41	56.30	52.67	47.79	44.76	37.45	33.97	33.10
	2.63	2.33	2.16	2.06	1.93	1.85	2.06	2.12	2.48	2.69	3.21	3.43	3.74	3.87	4.03	3.74	4.31	5.05	4.81	4.39	3.82	3.63	3.34	3.23
	-0.01	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.01	-0.01	-0.01	-2.39	-0.01	-0.84	-5.34	-10.03	-12.65	-7.31	-4.52	-3.46	-5.88	-0.17	-0.01	-0.01
NYS_BARGE____HYD 23848	28.64	26.32	23.89	23.68	23.34	23.32	23.33	23.10	25.04	27.36	29.34	30.52	32.92	34.63	35.20	32.17	35.54	40.43	40.40	37.38	32.43	31.38	29.12	28.88
	-0.23	-0.46	-0.61	-0.78	-1.05	-1.07	-1.15	-1.32	-1.37	-1.59	-1.22	-1.50	-2.06	-1.94	-1.81	-1.84	-1.91	-2.77	-2.47	-2.51	-2.56	-2.05	-1.50	-0.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.74	0.48	0.04	0.06	0.21	0.00	0.00
OAK ORCHARD____HYD 24046	28.99	26.73	24.28	24.17	23.93	23.90	23.96	23.88	25.88	28.37	30.23	31.61	34.28	35.98	36.57	33.36	36.89	42.36	42.17	39.07	33.96	32.80	30.17	29.59
	0.12	-0.05	-0.22	-0.29	-0.46	-0.49	-0.52	-0.54	-0.53	-0.58	-0.34	-0.42	-0.70	-0.59	-0.44	-0.65	-0.56	-0.75	-0.56	-0.76	-0.91	-0.60	-0.46	-0.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.84	0.61	0.11	0.18	0.23	0.00	0.00

OAKDALE___35_KV_LOAD 356122	29.39 0.52 0.00	27.13 0.35 0.00	24.77 0.27 0.00	24.56 0.10 0.00	24.46 0.07 0.00	24.46 0.07 0.00	24.67 0.20 0.00	24.46 0.05 0.00	26.82 0.26 -0.14	29.40 0.14 -0.30	31.24 0.37 -0.31	32.78 0.35 -0.40	35.72 0.35 -0.39	37.28 0.40 -0.32	37.63 0.41 -0.21	34.59 0.41 -0.18	37.85 0.45 0.05	44.31 0.40 0.02	44.60 0.43 -0.82	40.91 0.36 -0.62	36.02 0.25 -0.72	33.94 0.27 -0.03	31.11 0.43 -0.05	30.41 0.42 -0.13
OCC_CHEM___DRP 24175	27.80 -1.07 0.00	25.39 -1.39 0.00	23.15 -1.35 0.00	22.88 -1.59 0.00	22.71 -1.68 0.00	22.68 -1.71 0.00	22.76 -1.71 0.00	22.19 -2.22 0.00	24.46 -1.95 0.00	26.09 -2.87 0.00	28.27 -2.29 0.00	29.50 -2.53 0.00	32.11 -2.87 0.00	33.79 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.46 -3.00 0.00	39.47 -3.73 0.73	39.41 -3.47 0.46	36.51 -3.39 0.03	31.78 -3.22 0.05	30.51 -2.93 0.21	28.36 -2.27 0.00	28.19 -1.67 0.00
OH_GEN_PROXY 24063	28.18 -0.69 0.00	25.95 -0.83 0.00	23.54 -0.96 0.00	23.37 -1.10 0.00	23.03 -1.37 0.00	23.00 -1.39 0.00	23.08 -1.39 0.00	22.88 -1.54 0.00	24.83 -1.58 0.00	27.13 -1.82 0.00	29.04 -1.53 0.00	30.23 -1.79 0.00	32.64 -2.34 0.00	34.26 -2.30 0.00	34.83 -2.18 0.00	31.87 -2.14 -0.01	35.21 -2.25 0.00	40.16 -3.03 0.74	40.09 -2.77 0.48	37.10 -2.80 0.04	32.18 -2.81 0.06	31.11 -2.32 0.21	28.85 -1.78 0.00	28.61 -1.25 0.00
OLIN_CORP_DRP 24177	28.12 -0.75 0.00	25.65 -1.12 0.00	23.42 -1.08 0.00	23.14 -1.32 0.00	22.95 -1.44 0.00	22.93 -1.46 0.00	22.96 -1.52 0.00	22.32 -2.10 0.00	24.62 -1.80 0.00	26.23 -2.72 0.00	28.42 -2.14 0.00	29.69 -2.34 0.00	32.32 -2.66 0.00	33.97 -2.60 0.00	34.53 -2.48 0.00	31.60 -2.41 -0.01	34.64 -2.81 0.00	39.62 -3.60 0.72	39.56 -3.34 0.45	36.71 -3.19 0.03	31.96 -3.05 0.04	30.68 -2.76 0.20	28.54 -2.08 0.00	28.31 -1.55 0.00
OLIN_CORP_DSASP 323712	27.83 -1.04 0.00	25.63 -1.15 0.00	23.25 -1.25 0.00	23.07 -1.39 0.00	22.73 -1.66 0.00	22.71 -1.68 0.00	22.76 -1.71 0.00	22.56 -1.86 0.00	24.46 -1.95 0.00	26.72 -2.23 0.00	28.64 -1.92 0.00	29.82 -2.21 0.00	32.11 -2.87 0.00	33.78 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.68 -2.77 0.00	39.52 -3.69 0.73	39.50 -3.38 0.46	36.51 -3.39 0.03	31.67 -3.33 0.05	30.61 -2.83 0.21	28.42 -2.21 0.00	28.28 -1.58 0.00
ONEIDA_HERK_LFGE 323681	29.48 0.61 0.00	27.31 0.54 0.00	24.94 0.44 0.00	24.88 0.42 0.00	24.78 0.39 0.00	24.81 0.41 0.00	24.92 0.44 0.00	24.83 0.41 0.00	26.94 0.45 -0.08	29.65 0.52 -0.18	31.30 0.55 -0.19	32.68 0.42 -0.24	35.67 0.45 -0.23	37.22 0.44 -0.22	37.50 0.29 -0.19	34.34 0.24 -0.09	37.84 0.37 -0.02	44.60 0.53 -0.13	44.31 0.65 -0.31	40.86 0.72 -0.21	35.69 0.56 -0.08	34.45 0.77 -0.03	31.27 0.61 -0.03	30.51 0.57 -0.08
ONEIDA___115KV_TB4 55905	29.94 1.07 0.00	27.69 0.91 0.00	25.28 0.78 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.07 0.68 0.00	25.23 0.76 0.00	25.07 0.66 0.00	27.29 0.77 -0.12	30.04 0.84 -0.25	31.77 0.95 -0.25	33.22 0.86 -0.33	36.24 0.94 -0.32	37.81 0.95 -0.30	38.13 0.85 -0.27	34.91 0.78 -0.13	38.41 0.94 -0.02	45.13 1.19 0.00	44.93 1.30 -0.28	41.46 1.28 -0.25	36.15 1.05 -0.05	34.81 1.18 0.01	31.71 1.04 -0.04	30.90 0.93 -0.11
ONONDAGA_REF_OCCRA 23987	28.82 -0.06 0.00	26.70 -0.08 0.00	24.38 -0.12 0.00	24.25 -0.22 0.00	24.15 -0.24 0.00	24.15 -0.24 0.00	24.28 -0.20 0.00	24.10 -0.32 0.00	26.49 -0.18 -0.26	29.28 -0.23 -0.56	31.05 -0.09 -0.58	32.68 -0.10 -0.74	35.56 -0.15 -0.72	37.09 -0.15 -0.67	37.47 -0.15 -0.60	34.15 -0.14 -0.28	37.39 -0.11 -0.05	43.92 -0.13 -0.11	43.90 -0.13 -0.69	40.32 -0.16 -0.55	34.93 -0.21 -0.08	33.49 -0.17 -0.02	30.63 -0.09 -0.10	29.93 -0.18 -0.25
ONONDAGA___COGEN 23986	29.02 0.14 0.00	26.86 0.08 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.32 -0.07 0.00	24.32 -0.07 0.00	24.43 -0.05 0.00	24.27 -0.15 0.00	26.78 -0.03 -0.39	29.76 -0.03 -0.83	31.55 0.12 -0.86	33.23 0.10 -1.10	36.13 0.07 -1.07	37.67 0.11 -1.00	37.98 0.07 -0.90	34.49 0.07 -0.42	37.60 0.07 -0.07	44.65 0.13 -0.58	44.83 0.13 -1.36	40.92 0.08 -0.90	35.32 0.00 -0.27	33.82 0.03 -0.14	30.86 0.09 -0.14	30.23 0.00 -0.37
ONTARIO___LFGE 23819	29.48 0.61 0.00	27.23 0.45 0.00	24.79 0.30 0.00	24.66 0.19 0.00	24.49 0.10 0.00	24.49 0.10 0.00	24.55 0.07 0.00	24.56 0.15 0.00	26.73 0.19 -0.13	29.34 0.12 -0.28	31.19 0.34 -0.28	32.62 0.23 -0.37	35.44 0.11 -0.36	37.08 0.18 -0.33	37.53 0.22 -0.30	34.29 0.14 -0.14	37.78 0.30 -0.02	43.95 0.31 0.30	43.97 0.48 -0.15	40.54 0.32 -0.28	35.19 0.07 -0.07	33.79 0.24 0.09	31.01 0.34 -0.05	30.43 0.45 -0.12
ORANGEVILLE_WT_PWR 323706	28.99 0.12 0.00	26.65 -0.13 0.00	24.23 -0.27 0.00	24.05 -0.42 0.00	23.76 -0.63 0.00	23.71 -0.68 0.00	23.77 -0.71 0.00	23.63 -0.78 0.00	25.65 -0.77 0.00	28.00 -0.95 0.00	29.92 -0.64 0.00	31.10 -0.93 0.00	33.65 -1.33 0.00	35.28 -1.28 0.00	35.82 -1.19 0.00	32.86 -1.16 -0.01	36.25 -1.20 0.00	41.45 -1.93 0.56	41.44 -1.65 0.25	38.33 -1.68 -0.07	33.39 -1.79 -0.12	32.13 -1.35 0.16	29.83 -0.80 0.00	29.44 -0.42 0.00
ORANGEVILLE___ESR 323794	28.99 0.12 0.00	26.65 -0.13 0.00	24.23 -0.27 0.00	24.05 -0.42 0.00	23.76 -0.63 0.00	23.71 -0.68 0.00	23.77 -0.71 0.00	23.63 -0.78 0.00	25.65 -0.77 0.00	28.00 -0.95 0.00	29.92 -0.64 0.00	31.10 -0.93 0.00	33.65 -1.33 0.00	35.28 -1.28 0.00	35.82 -1.19 0.00	32.86 -1.16 -0.01	36.25 -1.20 0.00	41.45 -1.93 0.56	41.44 -1.65 0.25	38.33 -1.68 -0.07	33.39 -1.79 -0.12	32.13 -1.35 0.16	29.83 -0.80 0.00	29.44 -0.42 0.00
OSWEGATCHIE___HYD 24044	27.78 -1.10 0.00	25.79 -0.99 0.00	23.54 -0.96 0.00	23.54 -0.93 0.00	23.49 -0.90 0.00	23.46 -0.93 0.00	23.57 -0.91 0.00	23.49 -0.93 0.00	25.46 -1.08 -0.13	28.10 -1.13 -0.28	29.54 -1.31 -0.28	30.92 -1.47 -0.37	33.69 -1.64 -0.36	35.07 -1.83 -0.33	35.34 -1.96 -0.30	32.21 -1.94 -0.14	35.38 -2.10 -0.02	41.84 -2.29 -0.19	41.65 -2.12 -0.43	38.47 -1.76 -0.29	33.65 -1.47 -0.07	32.44 -1.24 -0.05	29.42 -1.26 -0.05	28.70 -1.28 -0.12
OSWEGO___5 23606	28.38 -0.49 0.00	26.38 -0.40 0.00	24.08 -0.42 0.00	24.03 -0.44 0.00	23.93 -0.46 0.00	23.90 -0.49 0.00	23.99 -0.49 0.00	23.88 -0.54 0.00	27.49 -0.56 -1.64	31.82 -0.61 -3.48	33.61 -0.55 -3.60	36.04 -0.61 -4.62	38.78 -0.70 -4.50	40.01 -0.73 -4.18	40.02 -0.74 -3.75	35.09 -0.68 -1.76	37.05 -0.71 -0.31	47.94 -0.88 -4.88	50.04 -0.82 -7.52	43.26 -0.80 -4.12	36.01 -0.77 -1.73	34.24 -0.67 -1.27	30.64 -0.58 -0.60	30.84 -0.57 -1.55
OSWEGO___6 23613	28.38 -0.49 0.00	26.38 -0.40 0.00	24.08 -0.42 0.00	24.03 -0.44 0.00	23.93 -0.46 0.00	23.90 -0.49 0.00	23.99 -0.49 0.00	23.88 -0.54 0.00	27.49 -0.56 -1.64	31.82 -0.61 -3.48	33.61 -0.55 -3.60	36.04 -0.61 -4.62	38.78 -0.70 -4.50	40.01 -0.73 -4.18	40.02 -0.74 -3.75	35.09 -0.68 -1.76	37.05 -0.71 -0.31	47.94 -0.88 -4.88	50.04 -0.82 -7.52	43.26 -0.80 -4.12	36.01 -0.77 -1.73	34.24 -0.67 -1.27	30.64 -0.58 -0.60	30.84 -0.57 -1.55

OUTOKUMPU-AB___DRP 24206	28.73 -0.14 0.00	26.19 -0.59 0.00	23.89 -0.61 0.00	23.61 -0.86 0.00	23.44 -0.95 0.00	23.39 -1.00 0.00	23.45 -1.03 0.00	22.90 -1.51 0.00	25.25 -1.16 0.00	26.96 -2.00 0.00	29.25 -1.31 0.00	30.49 -1.54 0.00	33.23 -1.75 0.00	34.96 -1.61 0.00	35.49 -1.52 0.00	32.48 -1.53 -0.01	35.62 -1.84 0.00	40.72 -2.50 0.71	40.65 -2.25 0.44	37.60 -2.32 0.02	32.74 -2.28 0.03	31.42 -2.02 0.20	29.28 -1.35 0.00	29.03 -0.84 0.00
OXBOW___BTM 323836	28.35 -0.52 0.00	26.08 -0.70 0.00	23.67 -0.83 0.00	23.46 -1.00 0.00	23.15 -1.24 0.00	23.10 -1.29 0.00	23.15 -1.32 0.00	22.97 -1.44 0.00	24.91 -1.50 0.00	27.22 -1.74 0.00	29.19 -1.37 0.00	30.36 -1.67 0.00	32.74 -2.24 0.00	34.44 -2.12 0.00	34.97 -2.04 0.00	32.01 -2.01 -0.01	35.36 -2.10 0.00	40.23 -2.99 0.72	40.20 -2.69 0.45	37.15 -2.76 0.03	32.24 -2.77 0.04	31.15 -2.29 0.20	28.94 -1.68 0.00	28.76 -1.10 0.00
OXBOW___ 24026	28.32 -0.55 0.00	25.84 -0.94 0.00	23.57 -0.93 0.00	23.29 -1.17 0.00	23.12 -1.27 0.00	23.07 -1.32 0.00	23.15 -1.32 0.00	22.58 -1.83 0.00	24.91 -1.51 0.00	26.58 -2.37 0.00	28.82 -1.74 0.00	30.07 -1.95 0.00	32.74 -2.24 0.00	34.44 -2.12 0.00	34.97 -2.04 0.00	32.01 -2.01 -0.01	35.13 -2.32 0.00	40.19 -3.03 0.72	40.16 -2.73 0.45	37.15 -2.76 0.03	32.31 -2.70 0.04	31.05 -2.39 0.20	28.88 -1.75 0.00	28.67 -1.19 0.00
OXY_CHEM_DSASP 323612	27.80 -1.07 0.00	25.39 -1.39 0.00	23.15 -1.35 0.00	22.88 -1.59 0.00	22.71 -1.68 0.00	22.68 -1.71 0.00	22.76 -1.71 0.00	22.19 -2.22 0.00	24.46 -1.95 0.00	26.09 -2.87 0.00	28.27 -2.29 0.00	29.50 -2.53 0.00	32.11 -2.87 0.00	33.79 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.46 -3.00 0.00	39.47 -3.73 0.73	39.41 -3.47 0.46	36.51 -3.39 0.03	31.78 -3.22 0.05	30.51 -2.93 0.21	28.36 -2.27 0.00	28.19 -1.67 0.00
OZONE_PARK_ESR 323760	31.62 2.74 0.00	29.24 2.46 0.00	26.70 2.20 0.00	26.42 1.96 0.00	26.27 1.88 0.00	26.29 1.90 0.00	26.78 2.30 0.00	26.73 2.32 0.00	29.24 2.83 0.00	32.24 3.27 -0.02	34.13 3.55 -0.02	38.25 3.84 -2.38	39.19 4.20 -0.02	41.91 4.50 -0.85	47.02 4.66 -5.34	48.39 4.35 -10.03	54.97 4.87 -12.65	56.91 5.67 -7.31	53.23 5.37 -4.52	48.31 4.91 -3.46	45.34 4.42 -5.88	37.75 3.94 -0.17	34.25 3.61 -0.01	33.33 3.46 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.80 -1.07 0.00	25.39 -1.39 0.00	23.15 -1.35 0.00	22.88 -1.59 0.00	22.71 -1.68 0.00	22.68 -1.71 0.00	22.76 -1.71 0.00	22.19 -2.22 0.00	24.46 -1.95 0.00	26.09 -2.87 0.00	28.27 -2.29 0.00	29.50 -2.53 0.00	32.11 -2.87 0.00	33.79 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.46 -3.00 0.00	39.47 -3.73 0.73	39.41 -3.47 0.46	36.51 -3.39 0.03	31.78 -3.22 0.05	30.51 -2.93 0.21	28.36 -2.27 0.00	28.19 -1.67 0.00
PACKARD___115KV_DUPONT_184 80571	27.80 -1.07 0.00	25.39 -1.39 0.00	23.15 -1.35 0.00	22.88 -1.59 0.00	22.71 -1.68 0.00	22.68 -1.71 0.00	22.76 -1.71 0.00	22.19 -2.22 0.00	24.46 -1.95 0.00	26.09 -2.87 0.00	28.27 -2.29 0.00	29.50 -2.53 0.00	32.11 -2.87 0.00	33.79 -2.78 0.00	34.31 -2.70 0.00	31.39 -2.62 -0.01	34.46 -3.00 0.00	39.47 -3.73 0.73	39.41 -3.47 0.46	36.51 -3.39 0.03	31.78 -3.22 0.05	30.51 -2.93 0.21	28.36 -2.27 0.00	28.19 -1.67 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.48 2.60 -0.01	29.14 2.36 -0.01	26.64 2.13 -0.01	26.35 1.88 0.00	26.17 1.78 0.00	26.10 1.71 0.00	26.51 2.03 0.00	26.42 2.00 0.00	28.84 2.43 0.00	31.86 2.90 -0.02	33.73 3.15 -0.02	37.78 3.36 -2.39	38.67 3.67 -0.02	41.25 3.84 -0.85	46.35 4.00 -5.34	47.77 3.74 -10.03	54.41 4.31 -12.65	56.25 5.01 -7.31	52.58 4.72 -4.52	47.71 4.31 -3.46	44.72 3.79 -5.88	37.45 3.63 -0.17	33.85 3.22 -0.01	33.06 3.20 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.71 2.83 -0.01	29.36 2.57 -0.01	26.84 2.33 -0.01	26.55 2.08 0.00	26.37 1.98 0.00	26.32 1.93 0.00	26.73 2.25 0.00	26.61 2.20 0.00	29.05 2.64 0.00	32.10 3.13 -0.02	33.97 3.39 -0.02	38.03 3.62 -2.39	38.95 3.95 -0.02	41.58 4.17 -0.85	46.72 4.37 -5.34	48.11 4.08 -10.03	54.82 4.72 -12.65	56.74 5.49 -7.31	53.15 5.29 -4.52	48.19 4.79 -3.46	45.14 4.21 -5.88	37.82 4.00 -0.17	34.22 3.58 -0.01	33.42 3.55 -0.01
PATROON___115KV_TB1 80586	29.80 0.92 0.00	27.61 0.83 0.00	25.31 0.81 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.07 0.68 0.00	25.31 0.83 0.00	25.17 0.76 0.00	27.42 1.00 0.00	30.02 1.07 0.00	31.70 1.13 0.00	33.18 1.15 0.00	36.27 1.29 0.00	38.07 1.35 -0.15	38.81 1.41 -0.39	35.57 1.39 -0.17	39.14 1.42 -0.26	47.72 1.76 -2.03	48.79 1.82 -3.63	44.09 1.60 -2.56	40.48 1.33 -4.10	35.23 1.38 -0.21	31.79 1.16 0.00	30.97 1.10 0.00
PATTRSNVILLE___SOLAR 323815	30.29 1.41 0.00	28.01 1.23 0.00	25.63 1.13 0.00	25.59 1.13 0.00	25.46 1.07 0.00	25.44 1.05 0.00	25.60 1.13 0.00	25.46 1.05 0.00	27.63 1.22 0.00	30.29 1.33 0.00	31.94 1.38 0.00	33.44 1.41 0.00	36.56 1.58 0.00	38.30 1.61 -0.13	39.01 1.67 -0.33	35.78 1.60 -0.18	39.36 1.69 -0.22	48.07 2.15 -1.98	49.49 2.38 -3.76	44.77 2.19 -2.64	41.21 1.86 -4.30	35.78 1.92 -0.22	32.25 1.62 0.00	31.38 1.52 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.96 0.09 0.00	26.40 -0.37 0.00	24.08 -0.42 0.00	23.76 -0.71 0.00	23.59 -0.80 0.00	23.56 -0.83 0.00	23.69 -0.78 0.00	23.19 -1.22 0.00	25.51 -0.90 0.00	27.39 -1.56 0.00	29.62 -0.95 0.00	30.87 -1.15 0.00	33.62 -1.36 0.00	35.36 -1.21 0.00	35.86 -1.15 0.00	32.89 -1.12 -0.01	36.14 -1.31 0.00	40.75 -2.55 0.64	40.70 -2.30 0.35	37.64 -2.32 -0.02	32.78 -2.31 -0.04	31.40 -2.05 0.18	29.64 -0.98 0.00	29.32 -0.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.24 2.37 0.00	28.89 2.12 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.51 2.03 0.00	26.44 2.03 0.00	28.87 2.46 0.00	31.82 2.87 0.00	33.68 3.12 0.00	35.52 3.49 0.00	38.90 3.92 0.00	41.06 4.20 -0.30	45.39 4.44 -3.94	48.23 4.25 -9.98	53.89 4.72 -11.71	53.88 5.49 -4.45	51.82 5.20 -3.28	47.02 4.71 -2.38	42.51 4.07 -3.40	37.24 3.43 -0.16	33.72 3.09 0.00	32.82 2.96 0.00
PEEKSKILL___ 23653	30.92 2.05 0.00	28.60 1.82 0.00	26.19 1.69 0.00	26.08 1.61 0.00	25.90 1.51 0.00	25.93 1.54 0.00	26.24 1.76 0.00	26.27 1.85 0.00	28.58 2.17 0.00	31.33 2.37 0.00	33.22 2.66 0.00	34.94 2.91 0.00	38.23 3.25 0.00	41.00 3.48 -0.96	46.31 3.63 -5.67	47.48 3.43 -10.04	54.10 3.78 -12.87	56.34 4.44 -7.97	52.29 4.16 -4.79	47.43 3.80 -3.69	42.40 3.37 -3.99	36.76 2.96 -0.16	33.35 2.72 0.00	32.43 2.57 0.00
PGE MADISON___WINDPWR 24146	31.56 2.69 0.00	29.14 2.36 0.00	26.46 1.96 0.00	26.42 1.96 0.00	26.29 1.90 0.00	26.37 1.97 0.00	26.53 2.06 0.00	26.47 2.05 0.00	28.68 2.11 -0.15	31.65 2.37 -0.32	33.37 2.47 -0.33	34.60 2.15 -0.43	37.78 2.38 -0.42	39.25 2.34 -0.35	39.25 2.00 -0.24	36.06 1.87 -0.19	39.81 2.40 0.04	46.93 2.94 -0.05	47.56 3.34 -0.89	43.89 3.31 -0.64	38.52 2.74 -0.73	36.85 3.16 -0.04	33.53 2.85 -0.06	32.81 2.81 -0.14

PIERCEFIELD___HYD 23852	27.31 -1.56 0.00	25.39 -1.39 0.00	23.23 -1.27 0.00	23.41 -1.05 0.00	23.37 -1.02 0.00	23.32 -1.07 0.00	23.28 -1.20 0.00	23.39 -1.03 0.00	25.10 -1.37 -0.07	27.64 -1.45 -0.14	28.97 -1.74 -0.14	30.35 -1.86 -0.18	33.13 -2.03 -0.18	34.46 -2.27 -0.17	34.72 -2.44 -0.15	31.66 -2.41 -0.07	34.81 -2.66 -0.01	41.03 -2.99 -0.08	40.54 -2.99 -0.19	37.50 -2.56 -0.12	32.95 -2.10 0.00	31.68 -1.98 -0.02	28.75 -1.90 -0.02	28.01 -1.91 -0.06
PINELAWN_CC_1 323563	34.38 2.89 -2.62	33.45 2.57 -4.10	32.78 2.38 -5.90	30.03 2.28 -3.29	28.51 2.20 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.26 2.54 -2.31	33.20 2.91 -3.89	34.66 3.16 -2.55	38.22 3.24 -4.42	42.87 3.49 -7.36	44.07 3.88 -5.21	51.51 3.99 -10.96	52.55 4.18 -11.36	53.42 3.84 -15.58	59.37 4.12 -17.79	61.24 4.96 -12.34	53.63 4.51 -5.79	47.60 4.19 -3.47	42.90 3.82 -4.03	42.85 3.73 -5.48	35.63 3.64 -1.36	35.34 3.43 -2.05
PJM_GEN_HTP_PROXY 323702	31.24 2.37 0.00	28.87 2.09 0.00	26.43 1.94 0.00	26.30 1.84 0.00	26.12 1.73 0.00	26.15 1.76 0.00	26.48 2.01 0.00	26.54 2.12 0.00	28.92 2.51 0.00	31.72 2.75 -0.02	33.67 3.09 -0.02	37.72 3.39 -2.30	38.74 3.74 -0.02	41.40 3.99 -0.85	46.50 4.14 -5.34	47.91 3.88 -10.03	54.37 4.27 -12.65	56.25 5.01 -7.31	52.59 4.72 -4.52	47.71 4.31 -3.46	44.72 3.86 -5.81	37.24 3.43 -0.17	33.79 3.16 -0.01	32.83 2.96 -0.01
PJM_GEN_KEystone 24065	29.74 0.87 0.00	27.45 0.67 0.00	25.04 0.54 0.00	24.88 0.42 0.00	24.68 0.29 0.00	24.68 0.29 0.00	24.92 0.44 0.00	24.88 0.46 0.00	27.02 0.61 0.00	29.56 0.61 0.00	31.42 0.85 0.00	33.09 0.90 -0.17	35.86 0.87 0.00	36.99 0.99 0.56	36.86 1.11 1.26	35.73 1.02 -0.70	38.42 1.16 0.20	42.43 1.14 2.65	44.29 1.08 0.14	40.63 0.92 0.22	36.93 0.66 -1.22	34.32 0.67 -0.01	31.48 0.86 0.00	30.79 0.93 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.73 2.45 -1.41	31.17 2.20 -2.20	29.72 2.06 -3.16	28.19 1.96 -1.76	27.30 1.88 -1.03	27.77 1.90 -1.48	26.63 2.13 -0.03	27.88 2.22 -1.24	31.09 2.59 -2.08	33.13 2.81 -1.37	36.09 3.12 -2.41	39.12 3.43 -3.66	40.76 3.78 -2.00	44.76 4.02 -4.17	46.80 4.22 -5.57	47.91 3.88 -10.03	54.27 4.16 -12.66	56.25 4.96 -7.35	52.38 4.51 -4.54	47.56 4.15 -3.47	42.64 3.68 -3.91	38.63 3.50 -1.49	34.54 3.18 -0.73	33.98 3.01 -1.10
PJM_GEN_VFT_PROXY 323633	31.18 2.31 0.00	28.79 2.01 0.00	26.34 1.84 0.00	26.20 1.74 0.00	26.03 1.63 0.00	26.05 1.66 0.00	26.43 1.96 0.00	26.49 2.07 0.00	28.87 2.46 0.00	31.69 2.72 -0.02	33.64 3.06 -0.02	37.71 3.30 -2.38	38.63 3.64 -0.02	41.28 3.87 -0.85	46.35 4.00 -5.34	47.77 3.74 -10.03	54.26 4.16 -12.65	56.12 4.88 -7.31	52.45 4.59 -4.52	47.55 4.15 -3.46	44.64 3.71 -5.88	37.18 3.36 -0.17	33.72 3.09 -0.01	32.80 2.93 -0.01
PLATSBURG_115KV_PMLD1 355749	28.61 -0.26 0.00	26.59 -0.19 0.00	24.30 -0.20 0.00	24.47 0.00 0.00	24.42 0.02 0.00	24.34 -0.05 0.00	24.30 -0.17 0.00	24.42 0.00 0.00	26.20 -0.21 0.00	28.75 -0.20 0.00	30.14 -0.43 0.00	31.61 -0.42 0.00	34.53 -0.45 0.00	35.94 -0.62 0.00	36.16 -0.85 0.00	33.02 -0.99 0.00	36.40 -1.05 0.00	42.75 -1.19 0.00	42.04 -1.30 0.00	38.86 -1.08 0.00	34.24 -0.81 0.00	32.87 -0.77 0.00	29.86 -0.77 0.00	28.97 -0.90 0.00
PLEASANTVLY___LBMP 24000	30.66 1.79 0.00	28.41 1.63 0.00	25.99 1.49 0.00	25.76 1.30 0.00	25.64 1.24 0.00	25.66 1.27 0.00	26.04 1.57 0.00	25.95 1.54 0.00	28.29 1.88 0.00	31.10 2.14 0.00	32.89 2.32 0.00	34.53 2.50 0.00	37.74 2.76 0.00	39.91 2.96 -0.39	41.14 3.11 -1.02	37.09 2.92 -0.17	41.35 3.22 -0.68	50.80 3.78 -3.09	50.50 3.55 -3.60	45.85 3.27 -2.64	41.58 2.91 -3.62	36.44 2.62 -0.17	32.98 2.36 0.00	32.13 2.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.01 2.14 0.00	28.71 1.93 0.00	26.26 1.76 0.00	26.01 1.54 0.00	25.88 1.49 0.00	25.90 1.51 0.00	26.31 1.84 0.00	26.25 1.83 0.00	28.68 2.27 0.00	31.56 2.61 0.00	33.41 2.84 0.00	35.13 3.11 0.00	38.41 3.43 0.00	40.90 3.69 -0.65	45.75 3.89 -4.86	47.65 3.64 -10.01	53.82 4.04 -12.33	54.96 4.70 -6.32	51.86 4.42 -4.10	47.06 4.03 -3.09	42.40 3.61 -3.74	36.97 3.16 -0.16	33.47 2.85 0.00	32.61 2.75 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.01 2.14 0.00	28.71 1.93 0.00	26.26 1.76 0.00	26.01 1.54 0.00	25.88 1.49 0.00	25.90 1.51 0.00	26.31 1.84 0.00	26.25 1.83 0.00	28.68 2.27 0.00	31.56 2.61 0.00	33.41 2.84 0.00	35.13 3.11 0.00	38.41 3.43 0.00	40.90 3.69 -0.65	45.75 3.89 -4.86	47.65 3.64 -10.01	53.82 4.04 -12.33	54.96 4.70 -6.32	51.86 4.42 -4.10	47.06 4.03 -3.09	42.40 3.61 -3.74	36.97 3.16 -0.16	33.47 2.85 0.00	32.61 2.75 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.89 2.02 0.00	28.60 1.82 0.00	26.19 1.69 0.00	25.93 1.47 0.00	25.81 1.41 0.00	25.83 1.44 0.00	26.21 1.74 0.00	26.08 1.66 0.00	28.39 1.98 0.00	31.27 2.32 0.00	33.04 2.48 0.00	34.69 2.66 0.00	37.99 3.01 0.00	39.95 3.22 -0.17	40.74 3.29 -0.44	37.27 3.13 -0.14	41.30 3.56 -0.29	49.94 4.13 -1.87	50.29 3.94 -3.01	45.67 3.59 -2.14	41.55 3.19 -3.31	36.70 2.89 -0.17	33.29 2.66 0.00	32.40 2.54 0.00
POLETTI_____ 23519	31.27 2.40 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.05 1.66 0.00	26.51 2.03 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.89 2.92 -0.02	33.76 3.18 -0.02	37.87 3.46 -2.38	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.85 3.93 -5.88	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01
POMONA___ESR 323819	30.86 1.99 0.00	28.55 1.77 0.00	26.17 1.67 0.00	26.03 1.57 0.00	25.88 1.49 0.00	25.90 1.51 0.00	26.21 1.74 0.00	26.22 1.81 0.00	28.50 2.09 0.00	31.24 2.29 0.00	33.10 2.54 0.00	34.78 2.75 0.00	38.06 3.08 0.00	38.39 3.25 1.43	36.67 3.40 3.75	37.21 3.23 0.02	38.52 3.56 2.49	41.38 4.18 6.74	46.25 3.90 0.99	42.20 3.55 1.29	39.66 3.16 -1.45	36.62 2.83 -0.16	33.29 2.66 0.00	32.37 2.51 0.00
PORT_JEFF_3 23555	34.38 2.89 -2.62	33.43 2.55 -4.10	32.75 2.35 -5.90	30.03 2.28 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.26 2.54 -2.31	33.20 2.91 -3.89	34.71 3.21 -2.55	38.42 3.45 -4.40	53.76 3.68 -18.05	65.41 4.06 -26.38	107.75 4.31 -66.88	132.99 4.48 -91.50	132.99 4.11 -94.87	132.99 4.38 -91.16	132.99 5.31 -83.74	71.85 4.85 -23.66	47.89 4.47 -3.48	44.86 3.99 -5.82	45.80 3.83 -8.33	35.57 3.58 -1.36	35.26 3.34 -2.05
PORT_JEFF_4 23616	34.38 2.89 -2.62	33.43 2.55 -4.10	32.75 2.35 -5.90	30.03 2.28 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	26.98 2.45 -0.05	29.26 2.54 -2.31	33.20 2.91 -3.89	34.71 3.21 -2.55	38.42 3.45 -4.40	53.76 3.68 -18.05	65.41 4.06 -26.38	107.75 4.31 -66.88	132.99 4.48 -91.50	132.99 4.11 -94.87	132.99 4.38 -91.16	132.99 5.31 -83.74	71.85 4.85 -23.66	47.89 4.47 -3.48	44.86 3.99 -5.82	45.80 3.83 -8.33	35.57 3.58 -1.36	35.26 3.34 -2.05

PORT_JEFF_IC 23713	34.44 2.95 -2.62	33.50 2.62 -4.10	32.78 2.38 -5.90	29.90 2.15 -3.29	28.41 2.10 -1.92	29.29 2.15 -2.76	27.03 2.50 -0.05	29.19 2.47 -2.31	33.26 2.96 -3.89	34.92 3.42 -2.55	38.55 3.61 -4.38	55.62 3.81 -19.78	68.91 4.09 -29.84	116.97 4.39 -76.02	146.17 4.55 -104.61	146.03 4.18 -107.84	145.07 4.46 -103.16	144.71 5.36 -95.42	74.78 4.85 -26.58	47.93 4.51 -3.49	45.44 4.28 -6.11	45.52 4.00 -7.87	35.69 3.71 -1.36	35.44 3.52 -2.05
PPL PILGRIM_ST_GT1 24216	34.53 3.03 -2.62	33.58 2.70 -4.10	32.92 2.52 -5.90	30.20 2.45 -3.29	28.66 2.34 -1.92	29.54 2.39 -2.76	27.17 2.64 -0.05	29.44 2.71 -2.31	33.36 3.06 -3.89	34.83 3.33 -2.55	38.51 3.64 -4.31	44.78 3.91 -8.85	47.68 4.34 -8.37	60.24 4.35 -19.33	64.91 4.55 -23.35	65.62 4.18 -27.44	70.67 4.45 -28.77	72.32 5.36 -23.02	56.70 4.90 -8.46	48.24 4.83 -3.47	43.52 4.17 -4.30	59.90 4.17 -22.09	35.75 3.77 -1.36	35.49 3.58 -2.05
PPL PILGRIM_ST_GT2 24217	34.53 3.03 -2.62	33.58 2.70 -4.10	32.92 2.52 -5.90	30.20 2.45 -3.29	28.66 2.34 -1.92	29.54 2.39 -2.76	27.17 2.64 -0.05	29.44 2.71 -2.31	33.36 3.06 -3.89	34.83 3.33 -2.55	38.51 3.64 -4.31	44.78 3.91 -8.85	47.68 4.34 -8.37	60.24 4.35 -19.33	64.91 4.55 -23.35	65.62 4.18 -27.44	70.67 4.45 -28.77	72.32 5.36 -23.02	56.70 4.90 -8.46	48.24 4.83 -3.47	43.52 4.17 -4.30	59.90 4.17 -22.09	35.75 3.77 -1.36	35.49 3.58 -2.05
PPL_SHRM_GT3 24213	34.36 2.86 -2.62	33.37 2.49 -4.10	32.68 2.28 -5.90	29.93 2.18 -3.29	28.41 2.10 -1.92	29.27 2.12 -2.76	26.88 2.35 -0.05	29.14 2.42 -2.31	33.13 2.83 -3.89	34.71 3.21 -2.55	38.56 3.60 -4.40	54.32 4.00 -18.29	66.32 4.48 -26.86	109.50 4.79 -68.15	135.30 4.96 -93.32	135.24 4.56 -96.68	135.14 4.87 -92.82	135.23 5.93 -85.36	72.82 5.42 -24.07	48.41 4.99 -3.48	45.18 4.27 -5.86	46.08 4.10 -8.34	35.66 3.67 -1.36	35.34 3.43 -2.05
PPL_SHRM_GT4 24214	34.36 2.86 -2.62	33.37 2.49 -4.10	32.68 2.28 -5.90	29.93 2.18 -3.29	28.41 2.10 -1.92	29.27 2.12 -2.76	26.88 2.35 -0.05	29.14 2.42 -2.31	33.13 2.83 -3.89	34.71 3.21 -2.55	38.56 3.60 -4.40	54.32 4.00 -18.29	66.32 4.48 -26.86	109.50 4.79 -68.15	135.30 4.96 -93.32	135.24 4.56 -96.68	135.14 4.87 -92.82	135.23 5.93 -85.36	72.82 5.42 -24.07	48.41 4.99 -3.48	45.18 4.27 -5.86	46.08 4.10 -8.34	35.66 3.67 -1.36	35.34 3.43 -2.05
PROJECT___ORANGE 1 24174	28.87 0.00 0.00	26.75 -0.03 0.00	24.43 -0.07 0.00	24.29 -0.17 0.00	24.20 -0.20 0.00	24.20 -0.20 0.00	24.33 -0.15 0.00	24.15 -0.27 0.00	26.47 -0.16 -0.21	29.20 -0.20 -0.45	31.00 -0.03 -0.47	32.57 -0.06 -0.60	35.46 -0.10 -0.59	37.00 -0.11 -0.54	37.39 -0.11 -0.49	34.13 -0.10 -0.23	37.38 -0.11 -0.04	43.75 -0.13 0.05	43.69 -0.09 -0.44	40.19 -0.16 -0.41	34.86 -0.21 -0.02	33.45 -0.17 0.02	30.64 -0.06 -0.08	29.94 -0.12 -0.20
PROJECT___ORANGE 2 24166	28.87 0.00 0.00	26.75 -0.03 0.00	24.43 -0.07 0.00	24.29 -0.17 0.00	24.20 -0.20 0.00	24.20 -0.20 0.00	24.33 -0.15 0.00	24.15 -0.27 0.00	26.47 -0.16 -0.21	29.20 -0.20 -0.45	31.00 -0.03 -0.47	32.57 -0.06 -0.60	35.46 -0.10 -0.59	37.00 -0.11 -0.54	37.39 -0.11 -0.49	34.13 -0.10 -0.23	37.38 -0.11 -0.04	43.75 -0.13 0.05	43.69 -0.09 -0.44	40.19 -0.16 -0.41	34.86 -0.21 -0.02	33.45 -0.17 0.02	30.64 -0.06 -0.08	29.94 -0.12 -0.20
PUCKETT___SOLAR 323809	29.97 1.10 0.00	27.66 0.88 0.00	25.23 0.73 0.00	25.15 0.68 0.00	25.00 0.61 0.00	25.00 0.61 0.00	25.14 0.66 0.00	25.05 0.63 0.00	27.24 0.69 -0.14	29.94 0.69 -0.30	31.70 0.83 -0.31	33.10 0.67 -0.39	36.06 0.70 -0.38	37.57 0.69 -0.31	37.84 0.63 -0.20	34.83 0.64 -0.18	38.22 0.82 0.05	44.91 0.97 0.00	45.37 1.17 -0.86	41.69 1.12 -0.64	36.69 0.88 -0.77	34.72 1.04 -0.04	31.72 1.04 -0.05	31.04 1.04 -0.13
PYRITES___HYD 24023	27.83 -1.04 0.00	25.87 -0.91 0.00	23.64 -0.86 0.00	23.85 -0.61 0.00	23.83 -0.56 0.00	23.76 -0.63 0.00	23.72 -0.76 0.00	23.83 -0.59 0.00	25.55 -0.92 -0.06	28.13 -0.96 -0.13	29.41 -1.28 -0.13	30.79 -1.41 -0.17	33.61 -1.54 -0.17	34.96 -1.76 -0.15	35.19 -1.96 -0.14	32.06 -2.01 -0.06	35.29 -2.17 -0.01	41.60 -2.42 -0.08	41.18 -2.34 -0.17	38.13 -1.92 -0.11	33.51 -1.54 0.00	32.32 -1.35 -0.02	29.30 -1.35 -0.02	28.54 -1.37 -0.06
QUAKERRD_115KV_BK1 80622	28.38 -0.49 0.00	26.11 -0.67 0.00	23.79 -0.71 0.00	23.63 -0.83 0.00	23.49 -0.90 0.00	23.49 -0.90 0.00	23.57 -0.91 0.00	23.29 -1.12 0.00	25.49 -0.92 0.00	27.62 -1.33 0.00	29.56 -1.01 0.00	30.97 -1.06 0.00	33.79 -1.19 0.00	35.39 -1.17 0.00	35.97 -1.04 0.00	32.85 -1.16 0.00	36.22 -1.24 0.00	41.71 -1.41 0.83	41.52 -1.21 0.61	38.47 -1.36 0.11	33.49 -1.37 0.19	32.23 -1.18 0.23	29.61 -1.01 0.00	29.00 -0.87 0.00
QUENSBRY_115KV_TB8 356137	30.75 1.88 0.00	28.44 1.66 0.00	25.95 1.45 0.00	25.81 1.35 0.00	25.66 1.27 0.00	25.68 1.29 0.00	25.97 1.49 0.00	25.76 1.34 0.00	28.18 1.77 0.00	31.01 2.06 0.00	32.52 1.96 0.00	33.89 1.86 0.00	37.11 2.13 0.00	38.61 1.90 -0.14	39.27 1.89 -0.37	36.02 1.84 -0.17	39.49 1.80 -0.24	48.41 2.46 -2.01	50.20 3.16 -3.70	45.29 2.76 -2.60	41.59 2.35 -4.19	36.45 2.59 -0.22	32.74 2.11 0.00	31.83 1.97 0.00
RAMAPO___LBMP 323565	30.75 1.88 0.00	28.49 1.71 0.00	26.04 1.54 0.00	25.79 1.32 0.00	25.66 1.27 0.00	25.68 1.29 0.00	26.12 1.64 0.00	26.03 1.61 0.00	28.39 1.98 0.00	31.24 2.29 0.00	33.01 2.45 0.00	34.65 2.63 0.00	37.88 2.90 0.00	38.38 3.11 1.29	36.87 3.26 3.40	37.05 3.06 0.01	38.60 3.41 2.26	41.86 3.95 6.03	46.38 3.73 0.69	42.31 3.39 1.02	39.68 3.05 -1.58	36.52 2.72 -0.15	33.17 2.54 0.00	32.28 2.42 0.00
RANKINE____ 23646	28.96 0.09 0.00	26.40 -0.37 0.00	24.08 -0.42 0.00	23.78 -0.69 0.00	23.61 -0.78 0.00	23.56 -0.83 0.00	23.67 -0.81 0.00	23.15 -1.27 0.00	25.51 -0.90 0.00	27.30 -1.65 0.00	29.56 -1.01 0.00	30.81 -1.22 0.00	33.55 -1.43 0.00	35.28 -1.28 0.00	35.79 -1.22 0.00	32.79 -1.22 -0.01	36.03 -1.42 0.00	41.04 -2.24 0.66	40.97 -1.99 0.37	37.91 -2.04 -0.01	33.01 -2.07 -0.02	31.67 -1.78 0.19	29.58 -1.04 0.00	29.29 -0.57 0.00
RAVENSWOOD_GT2_1 24244	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.89 2.92 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01
RAVENSWOOD_GT2_2 24245	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.89 2.92 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01

RAVENSWOOD_GT2_3 24246	31.30 2.43 0.00	28.97 2.20 0.00	26.46 1.96 0.00	26.20 1.74 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.79 3.21 -0.02	37.94 3.46 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.48 4.38 -12.65	56.30 5.05 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.91 3.93 -5.94	37.34 3.53 -0.17	33.88 3.25 -0.01	32.98 3.11 -0.01
RAVENSWOOD_GT2_4 24247	31.30 2.43 0.00	28.97 2.20 0.00	26.46 1.96 0.00	26.20 1.74 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.79 3.21 -0.02	37.94 3.46 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.48 4.38 -12.65	56.30 5.05 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.91 3.93 -5.94	37.34 3.53 -0.17	33.88 3.25 -0.01	32.98 3.11 -0.01
RAVENSWOOD_GT3_1 24248	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01
RAVENSWOOD_GT3_2 24249	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01
RAVENSWOOD_GT3_3 24250	31.33 2.45 0.00	29.00 2.22 0.00	26.51 2.01 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.10 1.71 0.00	26.56 2.08 0.00	26.51 2.10 0.00	29.00 2.59 0.00	31.95 2.98 -0.02	33.82 3.24 -0.02	37.97 3.49 -2.45	38.84 3.85 -0.02	41.51 4.10 -0.85	46.61 4.26 -5.34	48.01 3.98 -10.03	54.52 4.42 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.98 4.00 -5.94	37.38 3.57 -0.17	33.91 3.28 -0.01	33.01 3.14 -0.01
RAVENSWOOD_GT3_4 24251	31.33 2.45 0.00	29.00 2.22 0.00	26.51 2.01 0.00	26.23 1.76 0.00	26.07 1.68 0.00	26.10 1.71 0.00	26.56 2.08 0.00	26.51 2.10 0.00	29.00 2.59 0.00	31.95 2.98 -0.02	33.82 3.24 -0.02	37.97 3.49 -2.45	38.84 3.85 -0.02	41.51 4.10 -0.85	46.61 4.26 -5.34	48.01 3.98 -10.03	54.52 4.42 -12.65	56.39 5.14 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.98 4.00 -5.94	37.38 3.57 -0.17	33.91 3.28 -0.01	33.01 3.14 -0.01
RAVENSWOOD_GT_1 23729	31.42 2.54 0.00	29.08 2.30 0.00	26.56 2.06 0.00	26.28 1.81 0.00	26.12 1.73 0.00	26.12 1.73 0.00	26.58 2.10 0.00	26.51 2.10 0.00	29.00 2.59 0.00	32.40 3.04 -0.40	34.63 3.30 -0.76	38.20 3.56 -2.62	38.84 3.85 -0.02	41.47 4.06 -0.85	46.57 4.22 -5.34	47.94 3.91 -10.03	54.49 4.38 -12.66	56.35 5.10 -7.31	52.72 4.85 -4.53	47.83 4.43 -3.46	44.95 3.96 -5.94	37.45 3.63 -0.17	34.66 3.34 -0.70	33.10 3.23 -0.02
RAVENSWOOD_GT_10 24258	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01
RAVENSWOOD_GT_11 24259	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01
RAVENSWOOD_GT_4 24252	31.27 2.40 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	32.19 2.92 -0.31	34.30 3.15 -0.59	38.03 3.43 -2.58	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	34.37 3.22 -0.53	32.95 3.08 -0.01
RAVENSWOOD_GT_5 24254	31.27 2.40 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	32.19 2.92 -0.31	34.30 3.15 -0.59	38.03 3.43 -2.58	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	34.37 3.22 -0.53	32.95 3.08 -0.01
RAVENSWOOD_GT_6 24253	31.27 2.40 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	32.19 2.92 -0.31	34.30 3.15 -0.59	38.03 3.43 -2.58	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	34.37 3.22 -0.53	32.95 3.08 -0.01
RAVENSWOOD_GT_7 24255	31.27 2.40 0.00	28.95 2.17 0.00	26.44 1.94 0.00	26.18 1.71 0.00	26.03 1.63 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	32.19 2.92 -0.31	34.30 3.15 -0.59	38.03 3.43 -2.58	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	34.37 3.22 -0.53	32.95 3.08 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01
RAVENSWOOD_GT_9 24257	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.18 1.71 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.91 3.43 -2.45	38.77 3.78 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.94 3.91 -10.03	54.45 4.34 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.91 3.93 -5.94	37.31 3.50 -0.17	33.85 3.22 -0.01	32.95 3.08 -0.01

RAVENSWOOD___1 23533	31.38 2.51 0.00	29.00 2.22 0.00	26.56 2.06 0.00	26.42 1.96 0.00	26.24 1.85 0.00	26.22 1.83 0.00	26.56 2.08 0.00	26.59 2.17 0.00	28.97 2.56 0.00	31.78 2.81 -0.02	33.85 3.27 -0.02	37.97 3.49 -2.45	38.84 3.85 -0.02	41.43 4.02 -0.85	46.57 4.22 -5.34	47.94 3.91 -10.03	54.44 4.34 -12.65	56.30 5.05 -7.31	52.67 4.81 -4.52	47.83 4.43 -3.46	44.91 3.92 -5.94	37.45 3.63 -0.17	33.97 3.34 -0.01	33.03 3.16 -0.01
RAVENSWOOD___2 23534	31.36 2.48 0.00	29.00 2.22 0.00	26.56 2.06 0.00	26.40 1.93 0.00	26.22 1.83 0.00	26.22 1.83 0.00	26.56 2.08 0.00	26.59 2.17 0.00	28.97 2.56 0.00	31.78 2.81 -0.02	33.82 3.24 -0.02	37.97 3.49 -2.45	38.81 3.81 -0.02	41.43 4.02 -0.85	46.53 4.18 -5.34	47.94 3.91 -10.03	54.44 4.34 -12.65	56.30 5.05 -7.31	52.67 4.81 -4.52	47.79 4.39 -3.46	44.88 3.89 -5.94	37.45 3.63 -0.17	33.97 3.34 -0.01	33.00 3.13 -0.01
RAVENSWOOD___3 23535	31.30 2.43 0.00	28.92 2.14 0.00	26.48 1.98 0.00	26.32 1.86 0.00	26.17 1.78 0.00	26.17 1.78 0.00	26.53 2.06 0.00	26.56 2.15 0.00	28.95 2.54 0.00	31.75 2.78 -0.02	33.73 3.15 -0.02	37.91 3.43 -2.45	38.78 3.78 -0.02	41.43 4.02 -0.85	46.53 4.18 -5.34	47.94 3.91 -10.03	54.41 4.31 -12.65	56.30 5.05 -7.31	52.63 4.77 -4.52	47.75 4.35 -3.46	44.88 3.89 -5.94	37.31 3.50 -0.17	33.85 3.21 -0.01	32.88 3.01 -0.01
RAVENSWOOD___4 23820	31.35 2.48 0.00	28.97 2.20 0.00	26.53 2.03 0.00	26.40 1.93 0.00	26.22 1.83 0.00	26.22 1.83 0.00	26.53 2.06 0.00	26.56 2.15 0.00	28.95 2.54 0.00	31.39 2.81 0.37	33.08 3.24 0.72	37.81 3.49 -2.29	38.81 3.81 -0.02	41.43 4.02 -0.85	46.53 4.18 -5.34	47.91 3.88 -10.03	54.44 4.34 -12.64	56.29 5.05 -7.30	52.66 4.81 -4.51	47.79 4.39 -3.46	44.88 3.89 -5.94	37.45 3.63 -0.17	33.29 3.34 0.67	33.00 3.13 0.00
RCPL_TRUST___DRP 24196	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.20 1.74 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.56 2.08 0.00	26.51 2.10 0.00	28.97 2.56 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.82 3.49 -2.30	38.84 3.85 -0.02	41.51 4.10 -0.85	46.61 4.26 -5.34	48.01 3.98 -10.03	54.48 4.38 -12.65	56.34 5.10 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.86 4.00 -5.81	37.34 3.53 -0.17	33.85 3.22 -0.01	32.94 3.08 -0.01
RED___ROCHESTER 323720	29.22 0.35 0.00	26.91 0.13 0.00	24.45 -0.05 0.00	24.32 -0.15 0.00	24.07 -0.32 0.00	24.05 -0.34 0.00	24.11 -0.37 0.00	24.02 -0.39 0.00	26.07 -0.34 0.00	28.58 -0.38 0.00	30.47 -0.09 0.00	31.87 -0.16 0.00	34.60 -0.38 0.00	36.31 -0.25 0.00	36.90 -0.11 0.00	33.67 -0.34 0.00	37.23 -0.22 0.00	42.73 -0.35 0.85	42.54 -0.17 0.63	39.38 -0.44 0.11	34.19 -0.67 0.19	33.07 -0.34 0.24	30.41 -0.21 0.00	29.83 -0.03 0.00
REGAN___SOLAR 323812	32.42 3.55 0.00	29.94 3.16 0.00	27.19 2.70 0.00	27.18 2.72 0.00	27.00 2.61 0.00	26.98 2.58 0.00	27.29 2.81 0.00	27.08 2.66 0.00	29.55 3.14 0.00	32.43 3.47 0.00	34.17 3.60 0.00	35.55 3.52 0.00	38.90 3.92 0.00	40.58 3.91 -0.11	41.29 4.00 -0.28	38.00 3.81 -0.19	41.72 4.08 -0.18	51.25 5.36 -1.95	53.57 6.28 -3.94	48.08 5.39 -2.75	43.88 4.27 -4.55	38.55 4.67 -0.24	34.55 3.92 0.00	33.44 3.58 0.00
RENSSELAER___COGEN 23796	29.62 0.75 0.00	27.42 0.64 0.00	25.18 0.69 0.00	25.15 0.68 0.00	25.05 0.66 0.00	25.05 0.66 0.00	25.16 0.68 0.00	25.10 0.68 0.00	27.23 0.82 0.00	29.76 0.81 0.00	31.42 0.85 0.00	32.96 0.93 0.00	36.03 1.05 0.00	37.85 1.13 -0.15	38.56 1.15 -0.40	35.33 1.16 -0.17	38.91 1.20 -0.26	47.46 1.49 -2.03	48.42 1.47 -3.60	43.83 1.36 -2.54	40.23 1.12 -4.06	34.99 1.14 -0.21	31.60 0.98 0.00	30.76 0.90 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.66 3.78 0.00	30.15 3.37 0.00	27.42 2.92 0.00	27.23 2.76 0.00	27.07 2.68 0.00	27.07 2.68 0.00	27.46 2.99 0.00	27.15 2.73 0.00	29.87 3.46 0.00	32.95 4.00 0.00	34.60 4.03 0.00	35.90 3.88 0.00	39.28 4.30 0.00	40.76 4.06 -0.14	41.38 4.00 -0.37	37.99 3.81 -0.17	41.52 3.82 -0.24	51.09 5.14 -2.01	53.15 6.11 -3.70	47.89 5.35 -2.60	43.62 4.38 -4.19	38.67 4.81 -0.22	34.67 4.04 0.00	33.62 3.76 0.00
REVERE_CPPR_DRP 24186	30.11 1.24 0.00	27.85 1.07 0.00	25.41 0.91 0.00	25.30 0.83 0.00	25.20 0.80 0.00	25.22 0.83 0.00	25.38 0.91 0.00	25.22 0.81 0.00	27.42 0.90 -0.11	30.19 1.01 -0.23	31.90 1.10 -0.24	33.29 0.96 -0.30	36.32 1.05 -0.30	37.90 1.06 -0.27	38.14 0.89 -0.25	34.94 0.82 -0.12	38.48 1.01 -0.02	45.28 1.32 -0.03	45.05 1.43 -0.28	41.61 1.44 -0.23	36.26 1.16 -0.05	35.02 1.38 0.00	31.86 1.19 -0.04	31.04 1.08 -0.10
REYNOLDS_115KV_TB3 80639	29.83 0.95 0.00	27.64 0.86 0.00	25.36 0.86 0.00	25.20 0.73 0.00	25.10 0.71 0.00	25.12 0.73 0.00	25.36 0.88 0.00	25.20 0.78 0.00	27.42 1.00 0.00	30.02 1.07 0.00	31.70 1.13 0.00	33.21 1.19 0.00	36.27 1.29 0.00	38.11 1.39 -0.16	38.86 1.44 -0.41	35.60 1.43 -0.17	39.22 1.50 -0.27	47.80 1.80 -2.06	48.74 1.78 -3.62	44.13 1.64 -2.55	40.49 1.37 -4.07	35.23 1.38 -0.21	31.82 1.19 0.00	31.00 1.13 0.00
RIVERBAY____ 323610	31.71 2.83 -0.01	29.36 2.57 -0.01	26.84 2.33 -0.01	26.55 2.08 0.00	26.37 1.98 0.00	26.32 1.93 0.00	26.73 2.25 0.00	26.61 2.20 0.00	29.05 2.64 0.00	32.10 3.13 -0.02	33.97 3.39 -0.02	38.03 3.62 -2.39	38.95 3.95 -0.02	41.58 4.17 -0.85	46.72 4.37 -5.34	48.11 4.08 -10.03	54.82 4.72 -12.65	56.74 5.49 -7.31	53.15 5.29 -4.52	48.19 4.79 -3.46	45.14 4.21 -5.88	37.82 4.00 -0.17	34.22 3.58 -0.01	33.42 3.55 -0.01
RIVERSIDE_115KV_TB3 55908	29.77 0.90 0.00	27.56 0.78 0.00	25.28 0.78 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.07 0.68 0.00	25.28 0.81 0.00	25.15 0.73 0.00	27.36 0.95 0.00	29.97 1.01 0.00	31.63 1.07 0.00	33.15 1.12 0.00	36.20 1.22 0.00	38.03 1.32 -0.15	38.74 1.33 -0.40	35.50 1.33 -0.17	39.11 1.39 -0.27	47.69 1.71 -2.04	48.65 1.69 -3.62	44.05 1.56 -2.55	40.39 1.26 -4.08	35.16 1.31 -0.21	31.76 1.13 0.00	30.94 1.08 0.00
ROARING___BROOK_WT_PWR 323790	28.53 -0.35 0.00	26.46 -0.32 0.00	24.18 -0.32 0.00	24.17 -0.29 0.00	24.10 -0.29 0.00	24.07 -0.32 0.00	24.13 -0.34 0.00	24.07 -0.34 0.00	26.04 -0.37 0.00	28.55 -0.41 0.00	30.11 -0.46 0.00	31.51 -0.51 0.00	34.42 -0.56 0.00	35.94 -0.62 0.00	36.35 -0.67 0.00	33.36 -0.65 0.00	36.70 -0.75 0.00	43.06 -0.88 0.00	42.52 -0.82 0.00	39.22 -0.72 0.00	34.45 -0.60 0.00	33.00 -0.64 0.00	29.98 -0.64 0.00	29.23 -0.63 0.00
ROCHESRG_115KV_T4 355643	28.82 -0.06 0.00	26.46 -0.32 0.00	24.13 -0.37 0.00	23.93 -0.54 0.00	23.78 -0.61 0.00	23.78 -0.61 0.00	23.86 -0.61 0.00	23.54 -0.88 0.00	25.78 -0.63 0.00	27.85 -1.10 0.00	29.86 -0.70 0.00	31.26 -0.77 0.00	34.11 -0.87 0.00	35.76 -0.80 0.00	36.34 -0.67 0.00	33.22 -0.78 0.00	36.55 -0.90 0.00	42.06 -1.01 0.87	41.92 -0.78 0.64	38.86 -0.96 0.12	33.83 -1.02 0.21	32.56 -0.84 0.24	29.95 -0.67 0.00	29.38 -0.48 0.00

ROCHESTER_9_IC 23652	29.02 0.14 0.00	26.62 -0.16 0.00	24.28 -0.22 0.00	24.07 -0.39 0.00	23.93 -0.46 0.00	23.90 -0.49 0.00	23.99 -0.49 0.00	23.68 -0.73 0.00	25.94 -0.48 0.00	28.03 -0.93 0.00	30.08 -0.49 0.00	31.52 -0.51 0.00	34.39 -0.59 0.00	36.05 -0.51 0.00	36.64 -0.37 0.00	33.46 -0.54 0.00	36.85 -0.60 0.00	42.43 -0.66 0.85	42.24 -0.48 0.63	39.14 -0.68 0.11	34.05 -0.81 0.19	32.80 -0.61 0.24	30.17 -0.46 0.00	29.59 -0.27 0.00
ROCKVIEW_13_KV_LD 356306	31.21 2.34 0.00	28.89 2.12 0.00	26.41 1.91 0.00	26.13 1.66 0.00	26.00 1.61 0.00	26.05 1.66 0.00	26.48 2.01 0.00	26.44 2.03 0.00	28.89 2.48 0.00	31.82 2.87 0.00	33.68 3.12 0.00	35.45 3.43 0.00	38.76 3.78 0.00	41.45 4.06 -0.83	46.61 4.26 -5.34	48.01 3.98 -10.03	54.52 4.42 -12.65	56.38 5.14 -7.30	52.71 4.85 -4.52	47.82 4.43 -3.46	42.91 3.96 -3.90	37.27 3.47 -0.16	33.75 3.12 0.00	32.85 2.99 0.00
ROME____115KV_TB2 80656	30.11 1.24 0.00	27.85 1.07 0.00	25.41 0.91 0.00	25.30 0.83 0.00	25.20 0.80 0.00	25.22 0.83 0.00	25.38 0.91 0.00	25.22 0.81 0.00	27.42 0.90 -0.11	30.19 1.01 -0.23	31.90 1.10 -0.24	33.29 0.96 -0.30	36.32 1.05 -0.30	37.90 1.06 -0.27	38.14 0.89 -0.25	34.94 0.82 -0.12	38.48 1.01 -0.02	45.28 1.32 -0.03	45.05 1.43 -0.28	41.61 1.44 -0.23	36.26 1.16 -0.05	35.02 1.38 0.00	31.86 1.19 -0.04	31.04 1.08 -0.10
ROSETON____1 23587	30.61 1.73 0.00	28.33 1.55 0.00	25.97 1.47 0.00	25.86 1.39 0.00	25.71 1.32 0.00	25.73 1.34 0.00	25.99 1.52 0.00	25.98 1.56 0.00	28.26 1.85 0.00	30.95 2.00 0.00	32.79 2.23 0.00	34.46 2.43 0.00	37.71 2.73 0.00	39.45 2.89 0.00	40.05 3.04 0.00	36.98 2.86 -0.12	40.60 3.15 0.00	48.58 3.69 -0.95	49.38 3.51 -2.53	44.87 3.20 -1.74	40.91 2.81 -3.05	36.33 2.52 -0.16	32.95 2.33 0.00	32.04 2.18 0.00
ROSETON____2 23588	30.61 1.73 0.00	28.33 1.55 0.00	25.97 1.47 0.00	25.86 1.39 0.00	25.71 1.32 0.00	25.73 1.34 0.00	25.99 1.52 0.00	25.98 1.56 0.00	28.26 1.85 0.00	30.95 2.00 0.00	32.79 2.23 0.00	34.46 2.43 0.00	37.71 2.73 0.00	39.45 2.89 0.00	40.05 3.04 0.00	36.98 2.86 -0.12	40.60 3.15 0.00	48.58 3.69 -0.95	49.38 3.51 -2.53	44.87 3.20 -1.74	40.91 2.81 -3.05	36.33 2.52 -0.16	32.95 2.33 0.00	32.04 2.18 0.00
ROTTDAM_115KV_TB3 80664	30.03 1.15 0.00	27.82 1.04 0.00	25.43 0.93 0.00	25.30 0.83 0.00	25.20 0.80 0.00	25.20 0.80 0.00	25.43 0.95 0.00	25.27 0.85 0.00	27.47 1.06 0.00	30.17 1.22 0.00	31.82 1.25 0.00	33.31 1.28 0.00	36.41 1.43 0.00	38.16 1.46 -0.13	38.88 1.52 -0.35	35.64 1.46 -0.18	39.26 1.57 -0.23	47.81 1.89 -1.99	49.10 2.04 -3.72	44.38 1.84 -2.61	40.86 1.58 -4.23	35.44 1.58 -0.22	32.00 1.38 0.00	31.15 1.28 0.00
RUSSELL____1 23602	29.19 0.32 0.00	26.78 0.00 0.00	24.40 -0.10 0.00	24.20 -0.27 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.11 -0.37 0.00	23.78 -0.63 0.00	26.07 -0.34 0.00	28.20 -0.75 0.00	30.26 -0.31 0.00	31.71 -0.32 0.00	34.60 -0.38 0.00	36.31 -0.26 0.00	36.90 -0.11 0.00	33.67 -0.34 0.00	37.12 -0.34 0.00	42.74 -0.35 0.85	42.54 -0.17 0.63	39.38 -0.44 0.11	34.26 -0.60 0.19	33.00 -0.40 0.24	30.35 -0.28 0.00	29.77 -0.09 0.00
RUSSELL____2 23532	29.19 0.32 0.00	26.78 0.00 0.00	24.40 -0.10 0.00	24.20 -0.27 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.11 -0.37 0.00	23.78 -0.63 0.00	26.07 -0.34 0.00	28.20 -0.75 0.00	30.26 -0.31 0.00	31.71 -0.32 0.00	34.60 -0.38 0.00	36.31 -0.26 0.00	36.90 -0.11 0.00	33.67 -0.34 0.00	37.12 -0.34 0.00	42.74 -0.35 0.85	42.54 -0.17 0.63	39.38 -0.44 0.11	34.26 -0.60 0.19	33.00 -0.40 0.24	30.35 -0.28 0.00	29.77 -0.09 0.00
RUSSELL____3 23549	29.19 0.32 0.00	26.78 0.00 0.00	24.40 -0.10 0.00	24.20 -0.27 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.11 -0.37 0.00	23.78 -0.63 0.00	26.07 -0.34 0.00	28.20 -0.75 0.00	30.26 -0.31 0.00	31.71 -0.32 0.00	34.60 -0.38 0.00	36.31 -0.26 0.00	36.90 -0.11 0.00	33.67 -0.34 0.00	37.12 -0.34 0.00	42.74 -0.35 0.85	42.54 -0.17 0.63	39.38 -0.44 0.11	34.26 -0.60 0.19	33.00 -0.40 0.24	30.35 -0.28 0.00	29.77 -0.09 0.00
RUSSELL____4 23556	29.19 0.32 0.00	26.78 0.00 0.00	24.40 -0.10 0.00	24.20 -0.27 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.11 -0.37 0.00	23.78 -0.63 0.00	26.07 -0.34 0.00	28.20 -0.75 0.00	30.26 -0.31 0.00	31.71 -0.32 0.00	34.60 -0.38 0.00	36.31 -0.26 0.00	36.90 -0.11 0.00	33.67 -0.34 0.00	37.12 -0.34 0.00	42.74 -0.35 0.85	42.54 -0.17 0.63	39.38 -0.44 0.11	34.26 -0.60 0.19	33.00 -0.40 0.24	30.35 -0.28 0.00	29.77 -0.09 0.00
RUSSELL____STATION 23914	29.19 0.32 0.00	26.78 0.00 0.00	24.40 -0.10 0.00	24.20 -0.27 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.11 -0.37 0.00	23.78 -0.63 0.00	26.07 -0.34 0.00	28.20 -0.75 0.00	30.26 -0.31 0.00	31.71 -0.32 0.00	34.60 -0.38 0.00	36.31 -0.26 0.00	36.90 -0.11 0.00	33.67 -0.34 0.00	37.12 -0.34 0.00	42.74 -0.35 0.85	42.54 -0.17 0.63	39.38 -0.44 0.11	34.26 -0.60 0.19	33.00 -0.40 0.24	30.35 -0.28 0.00	29.77 -0.09 0.00
S SALMON____HYD 24043	28.61 -0.26 0.00	26.54 -0.24 0.00	24.23 -0.27 0.00	24.15 -0.32 0.00	24.05 -0.34 0.00	24.00 -0.39 0.00	24.06 -0.42 0.00	23.93 -0.49 0.00	26.39 -0.53 -0.50	29.56 -0.46 -1.07	31.27 -0.40 -1.11	32.90 -0.54 -1.42	35.70 -0.67 -1.38	37.15 -0.70 -1.28	37.42 -0.74 -1.15	33.80 -0.75 -0.54	36.72 -0.82 -0.09	44.14 -0.84 -1.03	44.59 -0.70 -1.94	40.55 -0.56 -1.18	34.87 -0.56 -0.38	33.57 -0.34 -0.26	30.53 -0.28 -0.19	30.01 -0.33 -0.48
S.PERRY__115KV_TB1 80734	30.23 1.36 0.00	27.61 0.83 0.00	25.16 0.66 0.00	24.91 0.44 0.00	24.78 0.39 0.00	24.76 0.37 0.00	24.79 0.32 0.00	24.37 -0.05 0.00	26.52 0.11 0.00	28.35 -0.61 0.00	30.23 -0.34 0.00	31.52 -0.51 0.00	34.32 -0.66 0.00	35.91 -0.66 0.00	36.42 -0.59 0.00	33.47 -0.54 -0.01	36.93 -0.52 0.00	43.05 -0.31 0.58	43.39 0.35 0.30	40.49 0.52 -0.04	35.55 0.42 -0.07	34.11 0.64 0.17	31.39 0.77 0.00	30.70 0.84 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.61 -0.26 0.00	26.11 -0.67 0.00	23.81 -0.69 0.00	23.54 -0.93 0.00	23.37 -1.02 0.00	23.32 -1.07 0.00	23.42 -1.05 0.00	22.88 -1.54 0.00	25.20 -1.21 0.00	26.93 -2.03 0.00	29.16 -1.41 0.00	30.43 -1.60 0.00	33.13 -1.85 0.00	34.85 -1.72 0.00	35.38 -1.63 0.00	32.38 -1.63 -0.01	35.54 -1.91 0.00	40.65 -2.59 0.70	40.58 -2.34 0.42	37.57 -2.36 0.01	32.72 -2.31 0.02	31.39 -2.05 0.20	29.25 -1.38 0.00	28.97 -0.90 0.00
SAWYER____23_KV_LOAD 55526	28.61 -0.26 0.00	26.11 -0.67 0.00	23.81 -0.69 0.00	23.54 -0.93 0.00	23.37 -1.02 0.00	23.32 -1.07 0.00	23.42 -1.05 0.00	22.88 -1.54 0.00	25.20 -1.21 0.00	26.93 -2.03 0.00	29.16 -1.41 0.00	30.43 -1.60 0.00	33.13 -1.85 0.00	34.85 -1.72 0.00	35.38 -1.63 0.00	32.38 -1.63 -0.01	35.54 -1.91 0.00	40.65 -2.59 0.70	40.58 -2.34 0.42	37.57 -2.36 0.01	32.72 -2.31 0.02	31.39 -2.05 0.20	29.25 -1.38 0.00	28.97 -0.90 0.00

SELKIRK___I 23801	29.88 1.01 0.00	27.66 0.88 0.00	25.38 0.88 0.00	25.35 0.88 0.00	25.24 0.85 0.00	25.24 0.85 0.00	25.36 0.88 0.00	25.22 0.80 0.00	27.36 0.95 0.00	29.91 0.95 0.00	31.54 0.98 0.00	33.02 0.99 0.00	36.07 1.09 0.00	37.83 1.13 -0.13	38.51 1.15 -0.35	35.33 1.16 -0.17	38.92 1.23 -0.23	47.48 1.63 -1.92	48.53 1.69 -3.51	44.00 1.60 -2.47	40.36 1.33 -3.97	35.23 1.38 -0.20	31.82 1.19 0.00	31.00 1.13 0.00
SELKIRK___II 23799	29.71 0.84 0.00	27.50 0.72 0.00	25.23 0.73 0.00	25.20 0.73 0.00	25.10 0.71 0.00	25.10 0.71 0.00	25.24 0.76 0.00	25.15 0.73 0.00	27.28 0.87 0.00	29.85 0.90 0.00	31.51 0.95 0.00	33.05 1.02 0.00	36.13 1.15 0.00	37.95 1.24 -0.14	38.65 1.26 -0.38	35.43 1.26 -0.17	39.02 1.31 -0.25	47.55 1.63 -1.99	48.52 1.60 -3.57	43.93 1.48 -2.52	40.31 1.23 -4.03	35.09 1.25 -0.21	31.70 1.07 0.00	30.88 1.02 0.00
SENECA OSWGO___HYD 24041	28.56 -0.32 0.00	26.51 -0.27 0.00	24.21 -0.29 0.00	24.15 -0.32 0.00	24.03 -0.37 0.00	24.03 -0.37 0.00	24.08 -0.39 0.00	24.00 -0.42 0.00	26.70 -0.42 -0.71	30.02 -0.43 -1.50	31.75 -0.37 -1.55	33.58 -0.45 -2.00	36.40 -0.52 -1.94	37.86 -0.51 -1.81	38.11 -0.52 -1.62	34.29 -0.48 -0.76	37.06 -0.52 -0.13	44.97 -0.62 -1.64	45.66 -0.56 -2.88	41.11 -0.52 -1.69	35.12 -0.52 -0.60	33.59 -0.47 -0.42	30.52 -0.37 -0.26	30.14 -0.39 -0.67
SENECA___115KV_TB3 355854	29.02 0.14 0.00	26.43 -0.35 0.00	24.13 -0.37 0.00	23.83 -0.64 0.00	23.66 -0.73 0.00	23.61 -0.78 0.00	23.72 -0.76 0.00	23.19 -1.22 0.00	25.54 -0.87 0.00	27.36 -1.59 0.00	29.62 -0.95 0.00	30.87 -1.15 0.00	33.62 -1.36 0.00	35.32 -1.24 0.00	35.86 -1.15 0.00	32.86 -1.16 -0.01	36.07 -1.39 0.00	41.08 -2.20 0.66	41.06 -1.91 0.37	37.95 -2.00 -0.01	33.08 -2.00 -0.02	31.70 -1.75 0.19	29.64 -0.98 0.00	29.32 -0.54 0.00
SENECA___ENERGY 23797	29.08 0.20 0.00	26.89 0.11 0.00	24.50 0.00 0.00	24.39 -0.07 0.00	24.25 -0.15 0.00	24.25 -0.15 0.00	24.33 -0.15 0.00	24.27 -0.15 0.00	26.59 -0.11 -0.28	29.41 -0.14 -0.60	31.18 0.00 -0.62	32.76 -0.06 -0.79	35.58 -0.17 -0.77	37.14 -0.15 -0.72	37.51 -0.15 -0.64	34.18 -0.14 -0.31	37.43 -0.07 -0.05	44.07 -0.09 -0.22	44.26 0.04 -0.88	40.59 0.00 -0.66	35.09 -0.17 -0.22	33.65 -0.03 -0.05	30.76 0.03 -0.10	30.22 0.09 -0.27
SHOEMAKER___GT 23640	30.43 1.56 0.00	28.17 1.39 0.00	25.80 1.30 0.00	25.71 1.25 0.00	25.56 1.17 0.00	25.56 1.17 0.00	25.82 1.35 0.00	25.76 1.34 0.00	27.97 1.56 0.00	30.63 1.68 0.00	32.43 1.86 0.00	34.08 2.05 0.00	37.29 2.31 0.00	38.21 2.45 0.81	37.41 2.52 2.12	36.41 2.38 -0.03	38.70 2.66 1.41	43.62 3.17 3.48	46.69 3.03 -0.32	42.57 2.75 0.12	39.39 2.45 -1.88	36.01 2.22 -0.14	32.71 2.08 0.00	31.80 1.94 0.00
SHOEMAKR_138KV_BK 111 55601	30.43 1.56 0.00	28.20 1.42 0.00	25.80 1.30 0.00	25.57 1.10 0.00	25.44 1.05 0.00	25.46 1.07 0.00	25.82 1.35 0.00	25.71 1.29 0.00	27.97 1.56 0.00	30.75 1.80 0.00	32.49 1.93 0.00	34.11 2.08 0.00	37.32 2.34 0.00	38.25 2.45 0.77	37.55 2.55 2.01	36.45 2.41 -0.03	38.85 2.73 1.34	43.83 3.16 3.27	46.77 3.03 -0.40	42.68 2.80 0.05	39.44 2.49 -1.90	36.04 2.25 -0.14	32.71 2.08 0.00	31.86 2.00 0.00
SHOREHAM_IC_1 23715	34.36 2.86 -2.62	33.37 2.49 -4.10	32.68 2.28 -5.90	29.93 2.18 -3.29	28.41 2.10 -1.92	29.27 2.12 -2.76	26.88 2.35 -0.05	29.14 2.42 -2.31	33.13 2.83 -3.89	34.71 3.21 -2.55	38.56 3.60 -4.40	54.32 4.00 -18.29	66.32 4.48 -26.86	109.50 4.79 -68.15	135.30 4.96 -93.32	135.24 4.56 -96.68	135.14 4.87 -92.82	135.23 5.93 -85.36	72.82 5.42 -24.07	48.41 4.99 -3.48	45.18 4.27 -5.86	46.08 4.10 -8.34	35.66 3.67 -1.36	35.34 3.43 -2.05
SHOREHAM_IC_2 23716	34.36 2.86 -2.62	33.37 2.49 -4.10	32.68 2.28 -5.90	29.93 2.18 -3.29	28.41 2.10 -1.92	29.27 2.12 -2.76	26.88 2.35 -0.05	29.14 2.42 -2.31	33.13 2.83 -3.89	34.71 3.21 -2.55	38.56 3.60 -4.40	54.32 4.00 -18.29	66.32 4.48 -26.86	109.50 4.79 -68.15	135.30 4.96 -93.32	135.24 4.56 -96.68	135.14 4.87 -92.82	135.23 5.93 -85.36	72.82 5.42 -24.07	48.41 4.99 -3.48	45.18 4.27 -5.86	46.08 4.10 -8.34	35.66 3.67 -1.36	35.34 3.43 -2.05
SISSONVILLE____ 23735	27.31 -1.56 0.00	25.39 -1.39 0.00	23.23 -1.27 0.00	23.41 -1.05 0.00	23.37 -1.02 0.00	23.32 -1.07 0.00	23.28 -1.20 0.00	23.39 -1.03 0.00	25.10 -1.37 -0.07	27.64 -1.45 -0.14	28.97 -1.74 -0.14	30.35 -1.86 -0.18	33.13 -2.03 -0.18	34.46 -2.27 -0.17	34.72 -2.44 -0.15	31.66 -2.41 -0.07	34.81 -2.66 -0.01	41.03 -2.99 -0.08	40.54 -2.99 -0.19	37.50 -2.56 -0.12	32.95 -2.10 0.00	31.68 -1.98 -0.02	28.75 -1.90 -0.02	28.01 -1.91 -0.06
SITHE_IND_GS1 24169	28.15 -0.72 0.00	26.16 -0.61 0.00	23.91 -0.59 0.00	23.85 -0.61 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.84 -0.64 0.00	23.68 -0.73 0.00	23.57 -0.79 2.05	23.75 -0.84 4.36	25.23 -0.82 4.51	25.34 -0.90 5.80	28.33 -1.02 5.64	30.27 -1.06 5.24	31.23 -1.07 4.70	30.79 -0.99 2.23	36.02 -1.05 0.38	33.67 -1.28 8.99	30.19 -1.21 11.94	32.88 -1.16 5.90	30.57 -1.05 3.43	30.29 -0.98 2.37	29.01 -0.86 0.76	27.11 -0.80 1.94
SITHE_IND_GS2 24170	28.15 -0.72 0.00	26.16 -0.61 0.00	23.91 -0.59 0.00	23.85 -0.61 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.84 -0.64 0.00	23.68 -0.73 0.00	23.57 -0.79 2.05	23.75 -0.84 4.36	25.23 -0.82 4.51	25.34 -0.90 5.80	28.33 -1.02 5.64	30.27 -1.06 5.24	31.23 -1.07 4.70	30.79 -0.99 2.23	36.02 -1.05 0.38	33.67 -1.28 8.99	30.19 -1.21 11.94	32.88 -1.16 5.90	30.57 -1.05 3.43	30.29 -0.98 2.37	29.01 -0.86 0.76	27.11 -0.80 1.94
SITHE_IND_GS3 24171	28.15 -0.72 0.00	26.16 -0.61 0.00	23.91 -0.59 0.00	23.85 -0.61 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.84 -0.64 0.00	23.68 -0.73 0.00	23.57 -0.79 2.05	23.75 -0.84 4.36	25.23 -0.82 4.51	25.34 -0.90 5.80	28.33 -1.02 5.64	30.27 -1.06 5.24	31.23 -1.07 4.70	30.79 -0.99 2.23	36.02 -1.05 0.38	33.67 -1.28 8.99	30.19 -1.21 11.94	32.88 -1.16 5.90	30.57 -1.05 3.43	30.29 -0.98 2.37	29.01 -0.86 0.76	27.11 -0.80 1.94
SITHE_IND_GS4 24172	28.15 -0.72 0.00	26.16 -0.61 0.00	23.91 -0.59 0.00	23.85 -0.61 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.84 -0.64 0.00	23.68 -0.73 0.00	23.57 -0.79 2.05	23.75 -0.84 4.36	25.23 -0.82 4.51	25.34 -0.90 5.80	28.33 -1.02 5.64	30.27 -1.06 5.24	31.23 -1.07 4.70	30.79 -0.99 2.23	36.02 -1.05 0.38	33.67 -1.28 8.99	30.19 -1.21 11.94	32.88 -1.16 5.90	30.57 -1.05 3.43	30.29 -0.98 2.37	29.01 -0.86 0.76	27.11 -0.80 1.94
SITHE___BATAVIA 24024	29.48 0.61 0.00	27.07 0.30 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.04 -0.44 0.00	23.88 -0.54 0.00	25.86 -0.56 0.00	28.26 -0.70 0.00	30.20 -0.37 0.00	31.48 -0.54 0.00	34.04 -0.94 0.00	35.76 -0.80 0.00	36.38 -0.63 0.00	33.19 -0.82 -0.01	36.78 -0.67 0.00	42.03 -1.14 0.77	42.00 -0.82 0.52	38.88 -1.00 0.06	33.72 -1.23 0.10	32.65 -0.77 0.22	30.20 -0.43 0.00	29.80 -0.06 0.00

SITHE___INDEPEND 23800	28.12 -0.75 0.00	26.14 -0.64 0.00	23.91 -0.59 0.00	23.81 -0.66 0.00	23.71 -0.68 0.00	23.71 -0.68 0.00	23.84 -0.64 0.00	23.61 -0.81 0.00	23.57 -0.79 2.05	23.67 -0.93 4.36	25.20 -0.86 4.51	25.30 -0.93 5.80	28.33 -1.01 5.64	30.27 -1.06 5.24	31.24 -1.07 4.70	30.79 -0.99 2.23	35.98 -1.09 0.38	33.67 -1.27 8.99	30.19 -1.21 11.94	32.88 -1.16 5.90	30.57 -1.05 3.43	30.29 -0.98 2.37	29.01 -0.86 0.76	27.08 -0.84 1.94
SITHE___MASSENA 23902	27.98 -0.90 0.00	26.03 -0.75 0.00	23.81 -0.69 0.00	23.81 -0.66 0.00	23.83 -0.56 0.00	23.76 -0.63 0.00	23.84 -0.64 0.00	23.81 -0.61 0.00	25.67 -0.74 0.00	28.14 -0.81 0.00	29.56 -1.01 0.00	30.97 -1.06 0.00	33.83 -1.15 0.00	35.25 -1.31 0.00	35.60 -1.41 0.00	32.54 -1.46 0.00	35.81 -1.65 0.00	42.05 -1.89 0.00	41.43 -1.91 0.00	38.30 -1.64 0.00	33.82 -1.23 0.00	32.36 -1.28 0.00	29.43 -1.19 0.00	28.70 -1.17 0.00
SITHE___OGDNSBRG 24021	28.01 -0.87 0.00	26.03 -0.75 0.00	23.81 -0.69 0.00	24.03 -0.44 0.00	24.00 -0.39 0.00	23.93 -0.46 0.00	23.86 -0.61 0.00	23.95 -0.46 0.00	25.62 -0.79 0.00	28.11 -0.84 0.00	29.43 -1.13 0.00	30.78 -1.25 0.00	33.62 -1.36 0.00	34.99 -1.57 0.00	35.27 -1.74 0.00	32.20 -1.80 0.00	35.51 -1.95 0.00	41.79 -2.15 0.00	41.22 -2.12 0.00	38.26 -1.68 0.00	33.72 -1.33 0.00	32.43 -1.21 0.00	29.43 -1.19 0.00	28.67 -1.19 0.00
SITHE___STERLING 23777	29.94 1.07 0.00	27.72 0.94 0.00	25.28 0.78 0.00	25.22 0.76 0.00	25.10 0.71 0.00	25.12 0.73 0.00	25.24 0.76 0.00	25.15 0.73 0.00	27.29 0.77 -0.12	30.10 0.90 -0.25	31.80 0.98 -0.25	33.22 0.87 -0.33	36.24 0.94 -0.32	37.81 0.95 -0.30	38.13 0.85 -0.27	34.91 0.78 -0.13	38.41 0.94 -0.02	45.13 1.19 0.00	44.92 1.30 -0.28	41.46 1.28 -0.25	36.12 1.02 -0.05	34.81 1.18 0.01	31.71 1.04 -0.04	30.96 0.98 -0.11
SLEIGHT___34_KV_TB1 80719	28.96 0.09 0.00	26.62 -0.16 0.00	24.28 -0.22 0.00	24.10 -0.37 0.00	23.98 -0.41 0.00	23.98 -0.41 0.00	24.08 -0.39 0.00	23.88 -0.54 0.00	26.17 -0.32 -0.08	28.54 -0.58 -0.17	30.46 -0.28 -0.17	31.96 -0.29 -0.22	34.85 -0.35 -0.22	36.47 -0.29 -0.20	36.97 -0.22 -0.18	33.75 -0.34 -0.09	37.09 -0.37 -0.01	43.05 -0.35 0.54	42.92 -0.22 0.20	39.59 -0.44 -0.10	34.44 -0.53 0.08	33.08 -0.40 0.15	30.35 -0.31 -0.03	29.67 -0.27 -0.07
SOUTH CAIRO___GT 23612	30.78 1.91 0.00	28.44 1.66 0.00	26.12 1.62 0.00	25.96 1.49 0.00	25.83 1.44 0.00	25.85 1.46 0.00	26.09 1.62 0.00	25.73 1.32 0.00	27.84 1.43 0.00	30.55 1.59 0.00	32.12 1.56 0.00	33.44 1.41 0.00	36.76 1.78 0.00	38.60 1.94 -0.10	39.05 1.78 -0.27	35.83 1.67 -0.16	39.65 2.02 -0.18	48.39 2.77 -1.69	49.40 2.77 -3.29	45.19 2.96 -2.30	40.86 2.03 -3.77	36.39 2.56 -0.20	32.86 2.24 0.00	31.98 2.12 0.00
SOUTH HAMPTN___IC 23720	34.84 3.35 -2.62	33.77 2.89 -4.10	33.02 2.62 -5.90	30.25 2.50 -3.29	28.73 2.42 -1.92	29.59 2.44 -2.76	27.20 2.67 -0.05	29.48 2.76 -2.31	33.55 3.25 -3.89	35.24 3.74 -2.55	39.31 4.34 -4.40	54.67 4.84 -17.81	66.25 5.38 -25.89	107.84 5.70 -65.58	132.57 5.92 -89.64	132.44 5.41 -93.03	132.71 5.81 -89.45	132.96 6.94 -82.08	73.00 6.41 -23.24	49.29 5.87 -3.48	45.80 4.98 -5.77	46.85 4.78 -8.44	36.18 4.20 -1.36	35.85 3.94 -2.05
SOUTHDOW___115KV_TB1 355954	29.77 0.90 0.00	27.10 0.32 0.00	24.74 0.24 0.00	24.39 -0.07 0.00	24.22 -0.17 0.00	24.20 -0.20 0.00	24.40 -0.07 0.00	24.02 -0.39 0.00	26.44 0.03 0.00	28.40 -0.55 0.00	30.69 0.12 0.00	31.93 -0.10 0.00	34.67 -0.31 0.00	36.38 -0.18 0.00	36.79 -0.22 0.00	33.78 -0.24 -0.01	37.15 -0.30 0.00	42.21 -1.14 0.59	42.23 -0.82 0.28	39.03 -0.96 -0.05	34.02 -1.12 0.17	32.60 -0.87 0.00	30.56 -0.06 0.00	30.19 0.33 0.00
SOUTHOLD_69_KV_BK 2 55809	35.25 3.75 -2.62	34.12 3.24 -4.10	33.24 2.84 -5.90	30.30 2.54 -3.29	28.78 2.46 -1.92	29.68 2.54 -2.76	27.39 2.86 -0.05	29.58 2.86 -2.31	33.84 3.54 -3.89	35.73 4.23 -2.55	39.89 4.92 -4.40	55.38 5.54 -17.81	67.00 6.12 -25.90	108.68 6.51 -65.61	133.43 6.74 -89.69	133.24 6.15 -93.08	133.58 6.63 -89.50	133.88 7.82 -82.12	73.83 7.24 -23.25	50.05 6.63 -3.48	46.50 5.68 -5.78	47.36 5.28 -8.44	36.58 4.59 -1.36	36.27 4.36 -2.05
SOUTHOLD___IC 23719	35.25 3.75 -2.62	34.09 3.21 -4.10	33.24 2.84 -5.90	30.44 2.69 -3.29	28.90 2.58 -1.92	29.78 2.64 -2.76	27.39 2.86 -0.05	29.68 2.95 -2.31	33.84 3.54 -3.89	35.61 4.11 -2.55	39.86 4.89 -4.40	55.35 5.51 -17.81	67.00 6.12 -25.90	108.68 6.51 -65.61	133.44 6.74 -89.69	133.24 6.16 -93.08	133.54 6.59 -89.50	133.92 7.86 -82.12	73.87 7.28 -23.25	50.05 6.63 -3.48	46.36 5.54 -5.78	47.36 5.28 -8.44	36.55 4.56 -1.36	36.21 4.30 -2.05
SOUTH_FORK_WT_PWR 323839	35.08 3.58 -2.62	33.91 3.03 -4.10	33.07 2.67 -5.90	30.27 2.52 -3.29	28.73 2.42 -1.92	29.61 2.46 -2.76	27.20 2.67 -0.05	29.48 2.76 -2.31	33.63 3.33 -3.89	35.41 3.91 -2.55	39.67 4.70 -4.40	55.15 5.32 -17.81	66.78 5.91 -25.89	108.41 6.25 -65.59	133.11 6.44 -89.66	132.94 5.88 -93.05	133.22 6.29 -89.47	133.55 7.51 -82.10	73.52 6.93 -23.25	49.69 6.27 -3.48	46.05 5.22 -5.77	47.06 4.98 -8.44	36.24 4.26 -1.36	35.91 4.00 -2.05
SPIERFLS_115KV_TB 1 80737	30.52 1.65 0.00	28.22 1.45 0.00	25.75 1.25 0.00	25.62 1.15 0.00	25.49 1.10 0.00	25.49 1.10 0.00	25.80 1.32 0.00	25.59 1.17 0.00	27.97 1.56 0.00	30.78 1.82 0.00	32.25 1.68 0.00	33.63 1.60 0.00	36.80 1.82 0.00	38.28 1.57 -0.14	38.93 1.55 -0.37	35.71 1.53 -0.17	39.19 1.50 -0.24	48.01 2.07 -2.01	49.81 2.77 -3.70	44.97 2.44 -2.60	41.35 2.10 -4.20	36.18 2.32 -0.22	32.49 1.87 0.00	31.59 1.73 0.00
ST LAWRENCE____ 23600	28.03 -0.84 0.00	26.03 -0.75 0.00	23.81 -0.69 0.00	23.81 -0.66 0.00	23.83 -0.56 0.00	23.81 -0.59 0.00	23.84 -0.64 0.00	23.83 -0.59 0.00	25.67 -0.74 0.00	28.14 -0.81 0.00	29.59 -0.98 0.00	31.03 -0.99 0.00	33.90 -1.08 0.00	35.36 -1.21 0.00	35.71 -1.30 0.00	32.75 -1.26 0.00	36.03 -1.42 0.00	42.27 -1.67 0.00	41.65 -1.69 0.00	38.46 -1.48 0.00	33.89 -1.16 0.00	32.46 -1.18 0.00	29.52 -1.10 0.00	28.82 -1.05 0.00
STATE_CA_115KV_115_LB 55624	29.80 0.92 0.00	27.61 0.83 0.00	25.31 0.81 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.07 0.68 0.00	25.31 0.83 0.00	25.17 0.76 0.00	27.42 1.00 0.00	30.02 1.07 0.00	31.70 1.13 0.00	33.18 1.15 0.00	36.27 1.29 0.00	38.07 1.35 -0.15	38.81 1.41 -0.39	35.57 1.39 -0.17	39.17 1.46 -0.26	47.72 1.76 -2.03	48.79 1.82 -3.63	44.09 1.60 -2.56	40.48 1.33 -4.10	35.23 1.38 -0.21	31.79 1.16 0.00	30.97 1.10 0.00
STATE_ST_34_KV_LOAD 55959	29.28 0.40 0.00	27.02 0.24 0.00	24.67 0.17 0.00	24.51 0.05 0.00	24.44 0.05 0.00	24.44 0.05 0.00	24.57 0.10 0.00	24.42 0.00 0.00	26.90 0.16 -0.33	29.73 0.09 -0.69	31.59 0.31 -0.72	33.27 0.32 -0.92	36.19 0.31 -0.90	37.73 0.33 -0.83	38.09 0.33 -0.75	34.67 0.31 -0.36	37.89 0.37 -0.06	44.95 0.48 -0.52	45.15 0.56 -1.24	41.24 0.48 -0.82	35.72 0.32 -0.35	34.10 0.34 -0.13	31.11 0.37 -0.12	30.44 0.27 -0.31

STATION 5_MISC_HYD 23604	29.05 0.17 0.00	26.78 0.00 0.00	24.33 -0.17 0.00	24.22 -0.24 0.00	23.95 -0.44 0.00	23.93 -0.46 0.00	23.99 -0.49 0.00	23.90 -0.51 0.00	25.94 -0.47 0.00	28.43 -0.52 0.00	30.29 -0.28 0.00	31.68 -0.35 0.00	34.39 -0.59 0.00	36.05 -0.51 0.00	36.64 -0.37 0.00	33.46 -0.55 0.00	36.97 -0.49 0.00	42.47 -0.62 0.85	42.24 -0.48 0.63	39.14 -0.68 0.11	33.98 -0.87 0.19	32.87 -0.54 0.24	30.23 -0.40 0.00	29.65 -0.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.31 0.43 0.00	26.94 0.16 0.00	24.55 0.05 0.00	24.37 -0.10 0.00	24.24 -0.15 0.00	24.22 -0.17 0.00	24.33 -0.15 0.00	24.10 -0.32 0.00	26.44 -0.05 -0.08	28.78 -0.35 -0.18	30.75 0.00 -0.18	32.26 0.00 -0.24	35.17 -0.03 -0.23	36.81 0.04 -0.21	37.35 0.15 -0.19	34.06 -0.03 -0.09	37.47 0.00 -0.02	43.47 0.04 0.51	43.39 0.22 0.17	40.01 -0.04 -0.12	34.77 -0.21 0.07	33.43 -0.07 0.15	30.66 0.00 -0.03	30.00 0.06 -0.08
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.87 0.00 0.00	26.51 -0.27 0.00	24.18 -0.32 0.00	23.98 -0.49 0.00	23.83 -0.56 0.00	23.83 -0.56 0.00	23.91 -0.56 0.00	23.61 -0.81 0.00	25.86 -0.55 0.00	28.00 -0.96 0.00	30.01 -0.55 0.00	31.45 -0.58 0.00	34.32 -0.66 0.00	35.98 -0.59 0.00	36.57 -0.44 0.00	33.36 -0.65 0.00	36.78 -0.67 0.00	42.35 -0.75 0.84	42.16 -0.56 0.62	39.02 -0.80 0.11	33.98 -0.88 0.19	32.70 -0.71 0.23	30.07 -0.55 0.00	29.47 -0.39 0.00
STA_56___34_KV_BUS2 355983	28.87 0.00 0.00	26.51 -0.27 0.00	24.18 -0.32 0.00	23.98 -0.49 0.00	23.83 -0.56 0.00	23.83 -0.56 0.00	23.91 -0.56 0.00	23.61 -0.81 0.00	25.86 -0.55 0.00	28.00 -0.96 0.00	30.01 -0.55 0.00	31.45 -0.58 0.00	34.32 -0.66 0.00	35.98 -0.59 0.00	36.57 -0.44 0.00	33.36 -0.65 0.00	36.78 -0.67 0.00	42.35 -0.75 0.84	42.16 -0.56 0.62	39.02 -0.80 0.11	33.98 -0.88 0.19	32.70 -0.71 0.23	30.07 -0.55 0.00	29.47 -0.39 0.00
STA_67___115KV_BK2 355882	28.96 0.09 0.00	26.56 -0.21 0.00	24.23 -0.27 0.00	24.03 -0.44 0.00	23.88 -0.51 0.00	23.85 -0.54 0.00	23.94 -0.54 0.00	23.61 -0.81 0.00	25.88 -0.53 0.00	27.97 -0.98 0.00	29.98 -0.58 0.00	31.42 -0.61 0.00	34.28 -0.70 0.00	35.94 -0.62 0.00	36.53 -0.48 0.00	33.36 -0.65 0.00	36.74 -0.71 0.00	42.29 -0.79 0.85	42.10 -0.61 0.63	39.02 -0.80 0.12	33.98 -0.88 0.20	32.70 -0.71 0.24	30.10 -0.52 0.00	29.53 -0.33 0.00
STA_7___115KV_9TRANS 80674	29.19 0.32 0.00	26.78 0.00 0.00	24.40 -0.10 0.00	24.20 -0.27 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.11 -0.37 0.00	23.78 -0.63 0.00	26.07 -0.34 0.00	28.20 -0.75 0.00	30.26 -0.31 0.00	31.71 -0.32 0.00	34.60 -0.38 0.00	36.31 -0.26 0.00	36.90 -0.11 0.00	33.67 -0.34 0.00	37.12 -0.34 0.00	42.74 -0.35 0.85	42.54 -0.17 0.63	39.38 -0.44 0.11	34.26 -0.60 0.19	33.00 -0.40 0.24	30.35 -0.28 0.00	29.77 -0.09 0.00
STA_82___115KV_TB1 80780	28.96 0.09 0.00	26.56 -0.21 0.00	24.23 -0.27 0.00	24.03 -0.44 0.00	23.88 -0.51 0.00	23.88 -0.51 0.00	23.96 -0.51 0.00	23.63 -0.78 0.00	25.88 -0.53 0.00	27.97 -0.98 0.00	30.01 -0.55 0.00	31.42 -0.61 0.00	34.28 -0.70 0.00	35.94 -0.62 0.00	36.53 -0.48 0.00	33.36 -0.65 0.00	36.74 -0.71 0.00	42.35 -0.75 0.84	42.16 -0.56 0.62	39.03 -0.80 0.11	33.99 -0.88 0.19	32.73 -0.67 0.23	30.10 -0.52 0.00	29.53 -0.33 0.00
STEEL___WIND 323596	28.99 0.12 0.00	26.65 -0.13 0.00	24.18 -0.32 0.00	24.00 -0.47 0.00	23.66 -0.73 0.00	23.63 -0.76 0.00	23.69 -0.78 0.00	23.54 -0.88 0.00	25.51 -0.90 0.00	27.88 -1.07 0.00	29.89 -0.67 0.00	31.07 -0.96 0.00	33.58 -1.40 0.00	35.28 -1.28 0.00	35.82 -1.19 0.00	32.82 -1.19 -0.01	36.22 -1.24 0.00	41.08 -2.20 0.66	41.06 -1.91 0.37	37.95 -2.00 -0.01	32.97 -2.10 -0.02	31.84 -1.61 0.19	29.64 -0.98 0.00	29.38 -0.48 0.00
STEPHTWN_115KV_BK_2 55603	29.97 1.10 0.00	27.74 0.96 0.00	25.46 0.96 0.00	25.30 0.83 0.00	25.20 0.80 0.00	25.22 0.83 0.00	25.45 0.98 0.00	25.32 0.90 0.00	27.57 1.16 0.00	30.23 1.27 0.00	31.91 1.34 0.00	33.37 1.35 0.00	36.48 1.50 0.00	38.32 1.61 -0.15	39.07 1.67 -0.40	35.77 1.60 -0.17	39.36 1.65 -0.26	48.07 2.11 -2.03	49.11 2.17 -3.60	44.39 1.92 -2.54	40.65 1.54 -4.06	35.50 1.65 -0.21	32.00 1.38 0.00	31.18 1.31 0.00
STEUBEN_REC_LFGE 323667	29.80 0.92 0.00	27.23 0.46 0.00	24.87 0.37 0.00	24.56 0.10 0.00	24.49 0.10 0.00	24.44 0.05 0.00	24.60 0.12 0.00	24.29 -0.12 0.00	26.73 0.21 -0.10	28.97 -0.20 -0.22	31.07 0.28 -0.23	32.36 0.03 -0.30	35.16 -0.10 -0.29	36.83 0.00 -0.27	37.21 -0.04 -0.24	34.10 -0.03 -0.13	37.44 -0.04 -0.02	43.54 -0.22 0.17	43.78 0.09 -0.35	40.37 0.04 -0.40	35.22 -0.18 -0.35	33.58 0.00 0.07	31.06 0.40 -0.04	30.44 0.48 -0.10
STILLWATER___SOLAR 323814	30.55 1.67 0.00	28.25 1.47 0.00	25.85 1.35 0.00	25.81 1.34 0.00	25.68 1.29 0.00	25.68 1.29 0.00	25.87 1.39 0.00	25.71 1.29 0.00	27.97 1.56 0.00	30.69 1.74 0.00	32.31 1.74 0.00	33.79 1.76 0.00	36.94 1.96 0.00	38.68 1.97 -0.14	39.38 2.00 -0.38	36.08 1.90 -0.17	39.69 1.98 -0.25	48.47 2.50 -2.02	49.85 2.82 -3.69	45.05 2.52 -2.60	41.33 2.10 -4.18	36.08 2.22 -0.21	32.52 1.90 0.00	31.65 1.79 0.00
STONY___BROOK 24151	34.50 3.00 -2.62	33.53 2.65 -4.10	32.85 2.45 -5.90	30.10 2.35 -3.29	28.58 2.27 -1.92	29.44 2.29 -2.76	27.07 2.55 -0.05	29.34 2.61 -2.31	33.31 3.01 -3.89	34.86 3.36 -2.55	38.59 3.67 -4.36	56.91 3.94 -20.95	71.46 4.30 -32.18	123.40 4.64 -82.19	155.27 4.81 -113.45	155.01 4.42 -116.59	153.38 4.68 -111.25	152.94 5.71 -103.29	77.10 5.20 -28.56	48.17 4.75 -3.49	45.67 4.31 -6.31	45.22 4.10 -7.47	35.75 3.77 -1.36	35.43 3.52 -2.05
STURGEON_POOL_HYD 23609	30.78 1.91 0.00	28.52 1.74 0.00	26.09 1.59 0.00	25.86 1.39 0.00	25.71 1.32 0.00	25.73 1.34 0.00	26.14 1.66 0.00	26.03 1.61 0.00	28.31 1.90 0.00	31.24 2.29 0.00	33.01 2.45 0.00	34.69 2.66 0.00	38.02 3.04 0.00	39.82 3.25 0.00	40.38 3.37 0.00	37.26 3.13 -0.13	41.05 3.60 0.00	49.10 4.17 -0.99	49.57 3.60 -2.63	45.30 3.55 -1.81	41.13 2.91 -3.17	36.60 2.79 -0.17	33.23 2.60 0.00	32.37 2.51 0.00
ST_LAW_115_BK7_LBMP 345037	27.95 -0.93 0.00	25.95 -0.83 0.00	23.74 -0.76 0.00	23.76 -0.71 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.77 -0.71 0.00	23.76 -0.66 0.00	25.62 -0.79 0.00	28.09 -0.87 0.00	29.49 -1.07 0.00	30.94 -1.09 0.00	33.79 -1.19 0.00	35.25 -1.31 0.00	35.60 -1.41 0.00	32.61 -1.40 0.00	35.92 -1.54 0.00	42.13 -1.80 0.00	41.52 -1.82 0.00	38.34 -1.60 0.00	33.79 -1.26 0.00	32.36 -1.28 0.00	29.43 -1.19 0.00	28.70 -1.17 0.00
ST_LAW_115_BK8_LBMP 345038	27.95 -0.93 0.00	25.95 -0.83 0.00	23.74 -0.76 0.00	23.76 -0.71 0.00	23.76 -0.63 0.00	23.73 -0.66 0.00	23.77 -0.71 0.00	23.76 -0.66 0.00	25.62 -0.79 0.00	28.09 -0.87 0.00	29.49 -1.07 0.00	30.94 -1.09 0.00	33.79 -1.19 0.00	35.25 -1.31 0.00	35.60 -1.41 0.00	32.61 -1.40 0.00	35.92 -1.54 0.00	42.13 -1.80 0.00	41.52 -1.82 0.00	38.34 -1.60 0.00	33.79 -1.26 0.00	32.36 -1.28 0.00	29.43 -1.19 0.00	28.70 -1.17 0.00

ST_LAW_230_BK5_LBMP 345035	28.03 -0.84 0.00	26.03 -0.75 0.00	23.81 -0.69 0.00	23.81 -0.66 0.00	23.83 -0.56 0.00	23.81 -0.59 0.00	23.84 -0.64 0.00	23.83 -0.59 0.00	25.67 -0.74 0.00	28.14 -0.81 0.00	29.59 -0.98 0.00	31.03 -0.99 0.00	33.90 -1.08 0.00	35.36 -1.21 0.00	35.71 -1.30 0.00	32.75 -1.26 0.00	36.03 -1.42 0.00	42.27 -1.67 0.00	41.65 -1.69 0.00	38.46 -1.48 0.00	33.89 -1.16 0.00	32.46 -1.18 0.00	29.52 -1.10 0.00	28.82 -1.05 0.00
ST_LAW_230_BK6_LBMP 345036	28.03 -0.84 0.00	26.03 -0.75 0.00	23.81 -0.69 0.00	23.81 -0.66 0.00	23.83 -0.56 0.00	23.81 -0.59 0.00	23.84 -0.64 0.00	23.83 -0.59 0.00	25.67 -0.74 0.00	28.14 -0.81 0.00	29.59 -0.98 0.00	31.03 -0.99 0.00	33.90 -1.08 0.00	35.36 -1.21 0.00	35.71 -1.30 0.00	32.75 -1.26 0.00	36.03 -1.42 0.00	42.27 -1.67 0.00	41.65 -1.69 0.00	38.46 -1.48 0.00	33.89 -1.16 0.00	32.46 -1.18 0.00	29.52 -1.10 0.00	28.82 -1.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.63 1.76 0.00	28.36 1.58 0.00	25.95 1.45 0.00	25.71 1.25 0.00	25.59 1.20 0.00	25.61 1.22 0.00	25.99 1.52 0.00	25.90 1.49 0.00	28.21 1.80 0.00	31.04 2.08 0.00	32.80 2.23 0.00	34.43 2.40 0.00	37.67 2.69 0.00	38.47 2.85 0.94	37.50 2.96 2.47	36.81 2.79 -0.02	38.96 3.15 1.64	43.41 3.65 4.17	46.88 3.47 -0.07	42.74 3.15 0.35	39.68 2.80 -1.83	36.31 2.52 -0.15	32.98 2.36 0.00	32.10 2.24 0.00
SWANROAD_115KV_TB1 355699	28.15 -0.72 0.00	25.68 -1.10 0.00	23.42 -1.08 0.00	23.14 -1.32 0.00	22.98 -1.41 0.00	22.95 -1.44 0.00	22.96 -1.52 0.00	22.32 -2.10 0.00	24.59 -1.82 0.00	26.23 -2.72 0.00	28.42 -2.14 0.00	29.66 -2.37 0.00	32.32 -2.66 0.00	33.97 -2.60 0.00	34.53 -2.48 0.00	31.56 -2.45 -0.01	34.64 -2.81 0.00	39.61 -3.60 0.72	39.55 -3.34 0.46	36.71 -3.19 0.03	31.95 -3.05 0.05	30.68 -2.76 0.21	28.54 -2.08 0.00	28.31 -1.55 0.00
SYNERGY___BIOGAS 323694	29.48 0.61 0.00	27.07 0.30 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.05 -0.34 0.00	24.03 -0.37 0.00	24.04 -0.44 0.00	23.88 -0.54 0.00	25.86 -0.56 0.00	28.26 -0.70 0.00	30.20 -0.37 0.00	31.48 -0.54 0.00	34.04 -0.94 0.00	35.76 -0.80 0.00	36.38 -0.63 0.00	33.19 -0.82 -0.01	36.78 -0.67 0.00	42.03 -1.14 0.77	42.00 -0.82 0.52	38.88 -1.00 0.06	33.72 -1.23 0.10	32.65 -0.77 0.22	30.20 -0.43 0.00	29.80 -0.06 0.00
SYRACUSE___ENERGY_ST1 323597	29.02 0.14 0.00	26.86 0.08 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.32 -0.07 0.00	24.32 -0.07 0.00	24.43 -0.05 0.00	24.27 -0.15 0.00	26.78 -0.03 -0.39	29.76 -0.03 -0.83	31.55 0.12 -0.86	33.23 0.10 -1.10	36.13 0.07 -1.07	37.67 0.11 -1.00	37.98 0.07 -0.90	34.49 0.07 -0.42	37.60 0.07 -0.07	44.65 0.13 -0.58	44.83 0.13 -1.36	40.92 0.08 -0.90	35.32 0.00 -0.27	33.82 0.03 -0.14	30.86 0.09 -0.14	30.23 0.00 -0.37
SYRACUSE___ENERGY_ST2 323598	29.02 0.14 0.00	26.86 0.08 0.00	24.55 0.05 0.00	24.39 -0.07 0.00	24.32 -0.07 0.00	24.32 -0.07 0.00	24.43 -0.05 0.00	24.27 -0.15 0.00	26.78 -0.03 -0.39	29.76 -0.03 -0.83	31.55 0.12 -0.86	33.23 0.10 -1.10	36.13 0.07 -1.07	37.67 0.11 -1.00	37.98 0.07 -0.90	34.49 0.07 -0.42	37.60 0.07 -0.07	44.65 0.13 -0.58	44.83 0.13 -1.36	40.92 0.08 -0.90	35.32 0.00 -0.27	33.82 0.03 -0.14	30.86 0.09 -0.14	30.23 0.00 -0.37
SYRACUSE___POWER 24017	28.84 -0.03 0.00	26.73 -0.05 0.00	24.43 -0.07 0.00	24.27 -0.20 0.00	24.20 -0.20 0.00	24.17 -0.22 0.00	24.30 -0.17 0.00	24.15 -0.27 0.00	26.52 -0.16 -0.26	29.31 -0.20 -0.56	31.08 -0.06 -0.58	32.71 -0.06 -0.74	35.60 -0.10 -0.72	37.13 -0.11 -0.67	37.50 -0.11 -0.60	34.19 -0.10 -0.28	37.39 -0.11 -0.05	43.92 -0.13 -0.11	43.94 -0.09 -0.69	40.36 -0.12 -0.55	34.96 -0.18 -0.08	33.53 -0.13 -0.02	30.66 -0.06 -0.10	29.96 -0.15 -0.25
TALLMAN___138KV_BK151 55660	30.84 1.96 0.00	28.57 1.79 0.00	26.14 1.64 0.00	25.88 1.42 0.00	25.73 1.34 0.00	25.78 1.39 0.00	26.19 1.71 0.00	26.12 1.71 0.00	28.50 2.09 0.00	31.36 2.40 0.00	33.13 2.57 0.00	34.78 2.75 0.00	38.06 3.08 0.00	38.51 3.25 1.30	36.99 3.40 3.43	37.22 3.23 0.01	38.74 3.56 2.28	41.98 4.13 6.09	46.52 3.90 0.72	42.40 3.51 1.05	39.80 3.19 -1.56	36.62 2.83 -0.15	33.29 2.66 0.00	32.40 2.54 0.00
TEALLAVE_115KV_TB7 355573	28.84 -0.03 0.00	26.73 -0.05 0.00	24.43 -0.07 0.00	24.27 -0.20 0.00	24.20 -0.20 0.00	24.20 -0.20 0.00	24.30 -0.17 0.00	24.15 -0.27 0.00	26.47 -0.16 -0.21	29.20 -0.20 -0.45	30.97 -0.06 -0.47	32.53 -0.10 -0.60	35.43 -0.14 -0.59	36.96 -0.15 -0.54	37.35 -0.15 -0.49	34.10 -0.14 -0.23	37.34 -0.15 -0.04	43.72 -0.18 0.05	43.66 -0.13 -0.45	40.19 -0.16 -0.42	34.86 -0.21 -0.02	33.45 -0.17 0.02	30.64 -0.06 -0.08	29.94 -0.12 -0.20
TELGRAPH_34_KV_EAST 80808	28.96 0.09 0.00	26.40 -0.37 0.00	24.06 -0.44 0.00	23.81 -0.66 0.00	23.61 -0.78 0.00	23.59 -0.80 0.00	23.62 -0.86 0.00	23.07 -1.34 0.00	25.41 -1.00 0.00	27.16 -1.80 0.00	29.40 -1.16 0.00	30.71 -1.31 0.00	33.44 -1.54 0.00	35.18 -1.39 0.00	35.75 -1.26 0.00	32.65 -1.36 -0.01	35.88 -1.57 0.00	41.12 -2.07 0.75	41.07 -1.78 0.49	38.01 -1.88 0.05	33.08 -1.89 0.08	31.81 -1.61 0.21	29.52 -1.10 0.00	29.20 -0.66 0.00
TEMPLE___115KV_TB 2 55572	28.87 0.00 0.00	26.75 -0.03 0.00	24.43 -0.07 0.00	24.29 -0.17 0.00	24.20 -0.20 0.00	24.20 -0.20 0.00	24.33 -0.15 0.00	24.15 -0.27 0.00	26.47 -0.16 -0.21	29.20 -0.20 -0.45	31.00 -0.03 -0.47	32.57 -0.06 -0.60	35.46 -0.10 -0.59	37.00 -0.11 -0.54	37.39 -0.11 -0.49	34.13 -0.10 -0.23	37.38 -0.11 -0.04	43.75 -0.13 0.05	43.69 -0.09 -0.44	40.19 -0.16 -0.41	34.86 -0.21 -0.02	33.45 -0.17 0.02	30.64 -0.06 -0.08	29.94 -0.12 -0.20
TIANA___69_KV_BK 1 55817	34.79 3.29 -2.62	33.77 2.89 -4.10	32.95 2.55 -5.90	30.07 2.32 -3.29	28.56 2.24 -1.92	29.44 2.29 -2.76	27.17 2.64 -0.05	29.34 2.61 -2.31	33.49 3.20 -3.89	35.27 3.76 -2.55	39.22 4.25 -4.40	54.55 4.71 -17.81	66.09 5.21 -25.90	107.73 5.56 -65.60	132.43 5.74 -89.68	132.34 5.27 -93.07	132.60 5.66 -89.49	132.77 6.72 -82.11	72.79 6.20 -23.25	49.13 5.71 -3.48	45.84 5.01 -5.78	46.75 4.68 -8.44	36.15 4.16 -1.36	35.85 3.94 -2.05
TILDEN___115KV_TB1 80814	28.84 -0.03 0.00	26.73 -0.05 0.00	24.43 -0.07 0.00	24.27 -0.20 0.00	24.20 -0.20 0.00	24.17 -0.22 0.00	24.30 -0.17 0.00	24.15 -0.27 0.00	26.52 -0.16 -0.26	29.31 -0.20 -0.56	31.08 -0.06 -0.58	32.71 -0.06 -0.74	35.60 -0.10 -0.72	37.13 -0.11 -0.67	37.50 -0.11 -0.60	34.19 -0.10 -0.28	37.39 -0.11 -0.05	43.92 -0.13 -0.11	43.94 -0.09 -0.69	40.36 -0.12 -0.55	34.96 -0.18 -0.08	33.53 -0.13 -0.02	30.66 -0.06 -0.10	29.96 -0.15 -0.25
TRIGEN___CC 323695	34.12 2.63 -2.62	33.26 2.38 -4.10	32.56 2.16 -5.90	29.66 1.91 -3.29	28.17 1.85 -1.92	29.03 1.88 -2.76	26.76 2.23 -0.05	28.95 2.22 -2.31	32.99 2.69 -3.89	34.60 3.10 -2.55	38.41 3.36 -4.49	42.32 3.62 -6.67	42.70 3.99 -3.73	47.86 4.24 -7.05	47.17 4.40 -5.75	48.08 4.05 -10.03	54.50 4.38 -12.66	56.42 5.14 -7.35	52.60 4.72 -4.54	47.76 4.35 -3.47	42.92 3.96 -3.91	39.98 3.70 -2.64	35.39 3.40 -1.36	35.17 3.25 -2.05

TRINITY__115KV__4 BK 55933	29.68 0.81 0.00	27.47 0.70 0.00	25.21 0.71 0.00	25.05 0.59 0.00	24.98 0.59 0.00	25.00 0.61 0.00	25.21 0.73 0.00	25.07 0.66 0.00	27.28 0.87 0.00	29.88 0.93 0.00	31.54 0.98 0.00	33.02 0.99 0.00	36.10 1.12 0.00	37.89 1.17 -0.15	38.63 1.22 -0.40	35.40 1.22 -0.17	38.99 1.27 -0.26	47.55 1.58 -2.03	48.51 1.56 -3.61	43.92 1.44 -2.55	40.27 1.16 -4.07	35.06 1.21 -0.21	31.64 1.01 0.00	30.85 0.99 0.00
UNION__PROCESSING_DRP 323587	28.99 0.12 0.00	26.59 -0.19 0.00	24.23 -0.27 0.00	24.05 -0.42 0.00	23.90 -0.49 0.00	23.88 -0.51 0.00	23.96 -0.51 0.00	23.63 -0.78 0.00	25.88 -0.53 0.00	27.97 -0.98 0.00	30.01 -0.55 0.00	31.45 -0.58 0.00	34.28 -0.70 0.00	35.98 -0.59 0.00	36.57 -0.44 0.00	33.39 -0.61 0.00	36.74 -0.71 0.00	42.36 -0.75 0.84	42.17 -0.56 0.61	39.07 -0.76 0.11	33.99 -0.88 0.18	32.74 -0.67 0.23	30.10 -0.52 0.00	29.53 -0.33 0.00
UPPER HUDSON__HYD 24058	30.52 1.64 0.00	28.22 1.45 0.00	25.77 1.27 0.00	25.74 1.27 0.00	25.59 1.19 0.00	25.59 1.19 0.00	25.80 1.32 0.00	25.64 1.22 0.00	27.97 1.56 0.00	30.75 1.80 0.00	32.21 1.65 0.00	33.60 1.57 0.00	36.80 1.82 0.00	38.28 1.57 -0.14	38.93 1.55 -0.37	35.71 1.53 -0.17	39.20 1.50 -0.24	48.02 2.07 -2.01	49.82 2.78 -3.70	44.97 2.44 -2.60	41.31 2.07 -4.20	36.18 2.32 -0.22	32.49 1.87 0.00	31.59 1.73 0.00
UPPER RAQUET__HYD 24056	27.31 -1.56 0.00	25.38 -1.39 0.00	23.20 -1.30 0.00	23.19 -1.27 0.00	23.25 -1.15 0.00	23.17 -1.22 0.00	23.28 -1.20 0.00	23.24 -1.17 0.00	25.10 -1.37 -0.07	27.62 -1.48 -0.14	28.97 -1.74 -0.14	30.35 -1.86 -0.18	33.13 -2.03 -0.18	34.46 -2.27 -0.17	34.72 -2.44 -0.15	31.66 -2.41 -0.07	34.81 -2.66 -0.01	40.99 -3.03 -0.08	40.54 -2.99 -0.19	37.50 -2.56 -0.12	33.02 -2.03 0.00	31.68 -1.98 -0.02	28.75 -1.90 -0.02	28.01 -1.91 -0.06
VALLEY44_115KV_TB2 355964	28.99 0.12 0.00	26.48 -0.29 0.00	24.13 -0.37 0.00	23.78 -0.69 0.00	23.64 -0.76 0.00	23.64 -0.76 0.00	23.81 -0.66 0.00	23.39 -1.03 0.00	25.70 -0.71 0.00	27.65 -1.30 0.00	29.80 -0.76 0.00	31.04 -0.99 0.00	33.76 -1.22 0.00	35.43 -1.13 0.00	35.97 -1.04 0.00	33.00 -1.02 -0.01	36.29 -1.16 0.00	40.96 -2.42 0.56	40.93 -2.17 0.25	37.85 -2.16 -0.07	33.04 -2.14 -0.13	31.56 -1.92 0.16	29.83 -0.80 0.00	29.44 -0.42 0.00
VALLEY__115KV_TB 1-4 80826	29.62 0.75 0.00	27.47 0.70 0.00	25.11 0.61 0.00	25.05 0.59 0.00	24.98 0.59 0.00	25.03 0.63 0.00	25.16 0.69 0.00	25.03 0.61 0.00	27.12 0.71 0.00	29.73 0.78 0.00	31.42 0.86 0.00	32.86 0.83 0.00	35.86 0.87 0.00	37.44 0.88 0.00	37.82 0.81 0.00	34.72 0.71 0.00	38.24 0.79 0.00	44.86 0.92 0.00	44.34 1.00 0.00	40.85 0.92 0.00	35.82 0.77 0.00	34.48 0.84 0.00	31.42 0.80 0.00	30.64 0.78 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.55 1.67 0.00	28.28 1.50 0.00	25.80 1.30 0.00	25.64 1.17 0.00	25.54 1.15 0.00	25.56 1.17 0.00	25.85 1.37 0.00	25.71 1.29 0.00	28.04 1.56 -0.07	30.86 1.77 -0.14	32.60 1.89 -0.14	34.07 1.86 -0.18	37.22 2.06 -0.18	38.76 2.08 -0.11	39.01 2.00 -0.01	35.99 1.87 -0.11	39.54 2.17 0.08	46.61 2.50 -0.17	46.96 2.56 -1.06	42.99 2.36 -0.70	38.24 2.03 -1.16	35.85 2.12 -0.09	32.55 1.90 -0.02	31.72 1.79 -0.06
VISCHER__FERRY HYD 24020	30.14 1.27 0.00	27.90 1.12 0.00	25.60 1.10 0.00	25.54 1.08 0.00	25.44 1.05 0.00	25.42 1.02 0.00	25.58 1.10 0.00	25.46 1.05 0.00	27.65 1.24 0.00	30.29 1.33 0.00	31.91 1.34 0.00	33.47 1.44 0.00	36.56 1.58 0.00	38.40 1.68 -0.15	39.12 1.70 -0.40	35.84 1.67 -0.17	39.48 1.76 -0.27	48.15 2.15 -2.06	49.21 2.21 -3.66	44.55 2.04 -2.58	40.89 1.72 -4.12	35.60 1.75 -0.21	32.12 1.50 0.00	31.27 1.40 0.00
V_A_10_SYNC_DSASP 323832	28.41 -0.46 0.00	26.19 -0.59 0.00	23.79 -0.71 0.00	23.61 -0.86 0.00	23.32 -1.07 0.00	23.29 -1.10 0.00	23.37 -1.10 0.00	23.22 -1.20 0.00	25.20 -1.21 0.00	27.56 -1.39 0.00	29.43 -1.13 0.00	30.68 -1.34 0.00	33.16 -1.82 0.00	34.85 -1.72 0.00	35.38 -1.63 0.00	32.38 -1.63 0.00	35.77 -1.68 0.00	40.96 -2.15 0.82	40.86 -1.91 0.57	37.86 -2.00 0.08	32.84 -2.07 0.14	31.73 -1.68 0.23	29.28 -1.35 0.00	28.90 -0.96 0.00
V_CMM_10_SYNC_DSASP 323787	28.06 -0.81 0.00	26.08 -0.70 0.00	23.86 -0.64 0.00	23.85 -0.61 0.00	23.88 -0.51 0.00	23.83 -0.56 0.00	23.89 -0.59 0.00	23.88 -0.54 0.00	25.75 -0.66 0.00	28.23 -0.72 0.00	29.65 -0.92 0.00	31.07 -0.96 0.00	33.93 -1.05 0.00	35.39 -1.17 0.00	35.75 -1.26 0.00	32.75 -1.26 0.00	36.03 -1.42 0.00	42.27 -1.67 0.00	41.65 -1.69 0.00	38.46 -1.48 0.00	33.93 -1.12 0.00	32.50 -1.14 0.00	29.55 -1.07 0.00	28.82 -1.05 0.00
V_CMP_10_SYNC_DSASP 323788	28.61 -0.26 0.00	26.59 -0.19 0.00	24.30 -0.20 0.00	24.27 -0.20 0.00	24.27 -0.12 0.00	24.22 -0.17 0.00	24.31 -0.17 0.00	24.27 -0.15 0.00	26.20 -0.21 0.00	28.72 -0.23 0.00	30.14 -0.43 0.00	31.61 -0.42 0.00	34.52 -0.46 0.00	35.94 -0.62 0.00	36.16 -0.85 0.00	33.02 -0.99 0.00	36.37 -1.09 0.00	42.75 -1.18 0.00	42.04 -1.30 0.00	38.86 -1.08 0.00	34.31 -0.74 0.00	32.87 -0.77 0.00	29.86 -0.76 0.00	28.94 -0.93 0.00
V_D_10_SYNC_DSASP 323841	28.01 -0.87 0.00	26.03 -0.75 0.00	23.81 -0.69 0.00	23.83 -0.64 0.00	23.83 -0.56 0.00	23.78 -0.61 0.00	23.86 -0.61 0.00	23.83 -0.59 0.00	25.70 -0.71 0.00	28.17 -0.78 0.00	29.56 -1.01 0.00	31.00 -1.03 0.00	33.86 -1.12 0.00	35.28 -1.28 0.00	35.60 -1.41 0.00	32.54 -1.46 0.00	35.84 -1.61 0.00	42.09 -1.84 0.00	41.43 -1.91 0.00	38.34 -1.60 0.00	33.82 -1.23 0.00	32.40 -1.24 0.00	29.46 -1.16 0.00	28.70 -1.17 0.00
V_E_10_SYNC_DSASP 323830	31.56 2.69 0.00	29.14 2.36 0.00	26.46 1.96 0.00	26.42 1.96 0.00	26.29 1.90 0.00	26.37 1.97 0.00	26.53 2.06 0.00	26.47 2.05 0.00	28.68 2.11 -0.15	31.65 2.37 -0.32	33.37 2.47 -0.33	34.60 2.15 -0.43	37.78 2.38 -0.42	39.25 2.34 -0.35	39.25 2.00 -0.24	36.06 1.87 -0.19	39.81 2.40 0.04	46.93 2.94 -0.05	47.56 3.34 -0.89	43.89 3.31 -0.64	38.52 2.74 -0.73	36.85 3.16 -0.04	33.53 2.85 -0.06	32.81 2.81 -0.14
V_F_30_NSYNC__DSASP 323816	30.61 1.73 0.00	28.30 1.53 0.00	25.90 1.40 0.00	25.86 1.39 0.00	25.71 1.32 0.00	25.71 1.32 0.00	25.89 1.42 0.00	25.73 1.32 0.00	28.00 1.58 0.00	30.72 1.77 0.00	32.37 1.80 0.00	33.85 1.82 0.00	37.01 2.03 0.00	38.75 2.05 -0.14	39.45 2.07 -0.37	36.15 1.97 -0.17	39.72 2.02 -0.25	48.55 2.59 -2.02	49.94 2.90 -3.69	45.13 2.59 -2.60	41.41 2.17 -4.19	36.15 2.29 -0.22	32.56 1.93 0.00	31.68 1.82 0.00
V_F_30_SYNC_DSASP 323786	29.80 0.92 0.00	27.61 0.83 0.00	25.31 0.81 0.00	25.15 0.69 0.00	25.05 0.66 0.00	25.07 0.68 0.00	25.31 0.83 0.00	25.17 0.76 0.00	27.42 1.00 0.00	30.02 1.07 0.00	31.70 1.13 0.00	33.18 1.15 0.00	36.27 1.29 0.00	38.07 1.35 -0.15	38.81 1.41 -0.39	35.57 1.39 -0.17	39.14 1.42 -0.26	47.72 1.76 -2.03	48.79 1.82 -3.63	44.09 1.60 -2.56	40.48 1.33 -4.10	35.23 1.38 -0.21	31.79 1.16 0.00	30.97 1.10 0.00

V_XM10_SYNC_DSASP 323789	28.61 -0.26 0.00	26.59 -0.19 0.00	24.30 -0.20 0.00	24.27 -0.20 0.00	24.27 -0.12 0.00	24.22 -0.17 0.00	24.31 -0.17 0.00	24.27 -0.15 0.00	26.20 -0.21 0.00	28.72 -0.23 0.00	30.14 -0.43 0.00	31.61 -0.42 0.00	34.52 -0.46 0.00	35.94 -0.62 0.00	36.16 -0.85 0.00	33.02 -0.99 0.00	36.37 -1.09 0.00	42.75 -1.18 0.00	42.04 -1.30 0.00	38.86 -1.08 0.00	34.31 -0.74 0.00	32.87 -0.77 0.00	29.86 -0.76 0.00	28.94 -0.93 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.92 2.05 0.00	28.68 1.90 0.00	26.21 1.71 0.00	25.96 1.49 0.00	25.83 1.44 0.00	25.85 1.46 0.00	26.29 1.81 0.00	26.20 1.78 0.00	28.58 2.17 0.00	31.41 2.46 0.00	33.22 2.66 0.00	34.88 2.85 0.00	38.16 3.18 0.00	38.50 3.36 1.43	36.76 3.52 3.76	37.28 3.30 0.03	38.62 3.67 2.50	41.43 4.26 6.77	46.32 3.99 1.01	42.27 3.63 1.30	39.79 3.29 -1.45	36.72 2.93 -0.16	33.38 2.76 0.00	32.49 2.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.30 2.43 0.00	28.95 2.17 0.00	26.46 1.96 0.00	26.20 1.74 0.00	26.05 1.66 0.00	26.07 1.68 0.00	26.56 2.08 0.00	26.51 2.10 0.00	28.97 2.56 0.00	31.92 2.95 -0.02	33.76 3.18 -0.02	37.82 3.49 -2.30	38.84 3.85 -0.02	41.51 4.10 -0.85	46.61 4.26 -5.34	48.01 3.98 -10.03	54.48 4.38 -12.65	56.34 5.10 -7.31	52.71 4.85 -4.52	47.83 4.43 -3.46	44.86 4.00 -5.81	37.34 3.53 -0.17	33.85 3.22 -0.01	32.94 3.08 -0.01
W50THST__13_KV_LOAD 356117	31.47 2.60 0.00	29.11 2.33 0.00	26.61 2.11 0.00	26.32 1.86 0.00	26.20 1.80 0.00	26.22 1.83 0.00	26.70 2.23 0.00	26.66 2.25 0.00	29.16 2.75 0.00	32.07 3.10 -0.02	33.94 3.36 -0.02	38.04 3.72 -2.30	39.09 4.09 -0.02	41.76 4.35 -0.85	46.87 4.52 -5.34	48.25 4.22 -10.03	54.78 4.68 -12.65	56.65 5.40 -7.31	53.02 5.16 -4.52	48.11 4.71 -3.46	45.10 4.24 -5.81	37.58 3.77 -0.17	34.00 3.37 -0.01	33.12 3.25 -0.01
WADING RIVER_IC_1 23522	34.33 2.83 -2.62	33.34 2.46 -4.10	32.63 2.23 -5.90	29.90 2.15 -3.29	28.36 2.05 -1.92	29.25 2.10 -2.76	26.86 2.33 -0.05	29.12 2.39 -2.31	33.10 2.80 -3.89	34.69 3.18 -2.55	38.57 3.60 -4.40	53.78 3.97 -17.78	65.25 4.44 -25.83	106.71 4.72 -65.42	131.36 4.92 -89.42	131.34 4.52 -92.81	131.54 4.83 -89.25	131.67 5.84 -81.88	71.86 5.33 -23.19	48.33 4.91 -3.48	45.06 4.24 -5.77	46.14 4.07 -8.43	35.63 3.64 -1.36	35.31 3.40 -2.05
WADING RIVER_IC_2 23547	34.33 2.83 -2.62	33.34 2.46 -4.10	32.63 2.23 -5.90	29.90 2.15 -3.29	28.36 2.05 -1.92	29.25 2.10 -2.76	26.86 2.33 -0.05	29.12 2.39 -2.31	33.10 2.80 -3.89	34.69 3.18 -2.55	38.57 3.60 -4.40	53.78 3.97 -17.78	65.25 4.44 -25.83	106.71 4.72 -65.42	131.36 4.92 -89.42	131.34 4.52 -92.81	131.54 4.83 -89.25	131.67 5.84 -81.88	71.86 5.33 -23.19	48.33 4.91 -3.48	45.06 4.24 -5.77	46.14 4.07 -8.43	35.63 3.64 -1.36	35.31 3.40 -2.05
WADING RIVER_IC_3 23601	34.33 2.83 -2.62	33.34 2.46 -4.10	32.63 2.23 -5.90	29.90 2.15 -3.29	28.36 2.05 -1.92	29.25 2.10 -2.76	26.86 2.33 -0.05	29.12 2.39 -2.31	33.10 2.80 -3.89	34.69 3.18 -2.55	38.57 3.60 -4.40	53.78 3.97 -17.78	65.25 4.44 -25.83	106.71 4.72 -65.42	131.36 4.92 -89.42	131.34 4.52 -92.81	131.54 4.83 -89.25	131.67 5.84 -81.88	71.86 5.33 -23.19	48.33 4.91 -3.48	45.06 4.24 -5.77	46.14 4.07 -8.43	35.63 3.64 -1.36	35.31 3.40 -2.05
WALDENNY_12_KV_BK2 80841	28.99 0.12 0.00	26.40 -0.37 0.00	24.11 -0.39 0.00	23.81 -0.66 0.00	23.64 -0.76 0.00	23.59 -0.80 0.00	23.69 -0.78 0.00	23.17 -1.25 0.00	25.51 -0.90 0.00	27.30 -1.65 0.00	29.59 -0.98 0.00	30.84 -1.19 0.00	33.58 -1.40 0.00	35.32 -1.24 0.00	35.86 -1.15 0.00	32.82 -1.19 -0.01	36.07 -1.39 0.00	41.08 -2.20 0.67	41.01 -1.95 0.38	37.94 -2.00 -0.01	33.03 -2.03 -0.02	31.70 -1.75 0.19	29.58 -1.04 0.00	29.29 -0.57 0.00
WALDEN__HYDRO 24148	30.78 1.91 0.00	28.52 1.74 0.00	26.09 1.59 0.00	25.84 1.37 0.00	25.71 1.32 0.00	25.73 1.34 0.00	26.12 1.64 0.00	26.00 1.59 0.00	28.31 1.90 0.00	31.15 2.20 0.00	32.95 2.38 0.00	34.56 2.53 0.00	37.85 2.87 0.00	39.33 3.03 0.27	39.44 3.15 0.72	37.05 2.96 -0.09	40.31 3.33 0.48	47.29 3.91 0.55	48.85 3.73 -1.78	44.48 3.43 -1.11	40.72 3.01 -2.65	36.56 2.76 -0.16	33.17 2.54 0.00	32.31 2.45 0.00
WARRENSBURG____ 23737	30.52 1.64 0.00	28.22 1.45 0.00	25.77 1.27 0.00	25.74 1.27 0.00	25.59 1.19 0.00	25.59 1.19 0.00	25.80 1.32 0.00	25.64 1.22 0.00	27.97 1.56 0.00	30.75 1.80 0.00	32.21 1.65 0.00	33.60 1.57 0.00	36.80 1.82 0.00	38.28 1.57 -0.14	38.93 1.55 -0.37	35.71 1.53 -0.17	39.20 1.50 -0.24	48.02 2.07 -2.01	49.82 2.78 -3.70	44.97 2.44 -2.60	41.31 2.07 -4.20	36.18 2.32 -0.22	32.49 1.87 0.00	31.59 1.73 0.00
WATERSIDE____6 8 9 23538	31.35 2.48 0.00	29.03 2.25 0.00	26.53 2.03 0.00	26.25 1.79 0.00	26.10 1.71 0.00	26.10 1.71 0.00	26.53 2.06 0.00	26.49 2.08 0.00	28.95 2.54 0.00	31.60 3.01 0.37	33.11 3.27 0.72	37.81 3.49 -2.29	38.81 3.81 -0.02	41.43 4.02 -0.85	46.54 4.18 -5.34	47.91 3.88 -10.03	54.44 4.34 -12.64	56.29 5.05 -7.30	52.66 4.81 -4.51	47.79 4.39 -3.46	44.91 3.93 -5.94	37.41 3.60 -0.17	33.26 3.31 0.67	33.03 3.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.45 0.58 0.00	27.31 0.54 0.00	24.97 0.47 0.00	24.88 0.42 0.00	24.83 0.44 0.00	24.85 0.46 0.00	24.99 0.51 0.00	24.85 0.44 0.00	26.94 0.53 0.00	29.53 0.58 0.00	31.21 0.64 0.00	32.64 0.61 0.00	35.68 0.70 0.00	37.26 0.69 0.00	37.68 0.67 0.00	34.62 0.61 0.00	38.13 0.67 0.00	44.77 0.83 0.00	44.21 0.87 0.00	40.73 0.80 0.00	35.72 0.67 0.00	34.35 0.71 0.00	31.27 0.64 0.00	30.49 0.63 0.00
WATSON__69_KV_BK 1 55734	34.88 3.38 -2.62	33.91 3.03 -4.10	33.12 2.72 -5.90	30.25 2.50 -3.29	28.75 2.44 -1.92	29.61 2.46 -2.76	27.34 2.81 -0.05	29.53 2.81 -2.31	33.60 3.30 -3.89	35.29 3.79 -2.55	39.06 4.13 -4.37	48.71 4.48 -12.20	54.80 4.93 -14.89	78.25 5.16 -36.53	90.39 5.37 -48.01	90.77 4.93 -51.84	94.08 5.28 -51.34	95.21 6.28 -44.99	63.06 5.76 -13.96	48.92 5.51 -3.48	44.81 4.91 -4.85	51.63 4.64 -13.35	36.22 4.23 -1.36	35.94 4.03 -2.05
WDELAWARE__HYD 323627	30.09 1.21 0.00	27.82 1.04 0.00	25.50 1.00 0.00	25.40 0.93 0.00	25.24 0.85 0.00	25.27 0.88 0.00	25.53 1.05 0.00	25.44 1.03 0.00	27.55 1.13 0.00	30.29 1.33 0.00	32.03 1.47 0.00	33.60 1.57 0.00	36.87 1.89 0.00	37.40 1.02 0.19	37.54 1.03 0.50	35.15 1.06 -0.09	38.39 1.27 0.33	45.38 1.63 0.18	46.56 1.43 -1.79	42.44 1.36 -1.15	38.75 1.19 -2.51	35.74 1.95 -0.14	32.46 1.84 0.00	31.56 1.70 0.00
WEST BABYLON__IC 23714	34.73 3.23 -2.62	33.80 2.92 -4.10	33.02 2.62 -5.90	30.15 2.40 -3.29	28.63 2.32 -1.92	29.51 2.37 -2.76	27.25 2.72 -0.05	29.41 2.69 -2.31	33.49 3.20 -3.89	35.15 3.65 -2.55	38.89 3.91 -4.41	44.26 4.26 -7.97	46.11 4.69 -6.44	55.70 4.90 -14.23	58.17 5.11 -16.05	58.91 4.69 -20.21	64.56 5.02 -22.08	66.39 5.93 -16.52	55.63 5.46 -6.83	48.60 5.19 -3.47	43.85 4.66 -4.14	45.42 4.44 -7.33	36.06 4.07 -1.36	35.82 3.91 -2.05

WEST CANADA___HYD 24049	29.13 0.26 0.00	27.02 0.24 0.00	24.72 0.22 0.00	24.69 0.22 0.00	24.59 0.19 0.00	24.59 0.19 0.00	24.70 0.22 0.00	24.61 0.19 0.00	26.65 0.24 0.00	29.21 0.26 0.00	30.84 0.27 0.00	32.32 0.29 0.00	35.29 0.31 0.00	36.89 0.33 0.00	37.34 0.33 0.00	34.34 0.34 0.00	37.83 0.37 0.00	44.38 0.44 0.00	43.82 0.48 0.00	40.33 0.40 0.00	35.40 0.35 0.00	34.01 0.37 0.00	30.93 0.31 0.00	30.16 0.30 0.00
WESTERN_NY_WIND 24143	29.42 0.55 0.00	26.81 0.03 0.00	24.43 -0.07 0.00	24.17 -0.29 0.00	24.00 -0.39 0.00	23.95 -0.44 0.00	23.99 -0.49 0.00	23.49 -0.93 0.00	25.80 -0.61 0.00	27.62 -1.33 0.00	29.83 -0.73 0.00	31.16 -0.86 0.00	33.97 -1.01 0.00	35.69 -0.88 0.00	36.31 -0.70 0.00	33.13 -0.88 -0.01	36.48 -0.97 0.00	41.90 -1.27 0.76	41.92 -0.91 0.51	38.76 -1.12 0.06	33.73 -1.23 0.09	32.48 -0.94 0.21	30.07 -0.55 0.00	29.68 -0.18 0.00
WESTOVER___LESR 323668	29.51 0.64 0.00	27.23 0.46 0.00	24.84 0.34 0.00	24.64 0.17 0.00	24.54 0.15 0.00	24.54 0.15 0.00	24.72 0.24 0.00	24.54 0.12 0.00	26.90 0.34 -0.14	29.49 0.23 -0.31	31.34 0.46 -0.32	32.88 0.45 -0.41	35.83 0.45 -0.40	37.40 0.51 -0.32	37.74 0.52 -0.21	34.70 0.51 -0.18	37.96 0.56 0.05	44.45 0.53 0.02	44.74 0.56 -0.84	41.04 0.48 -0.62	36.13 0.35 -0.73	34.04 0.37 -0.03	31.20 0.52 -0.05	30.51 0.51 -0.14
WETHRSFD_WT_PWR 323626	29.02 0.15 0.00	26.65 -0.13 0.00	24.25 -0.24 0.00	24.07 -0.39 0.00	23.78 -0.61 0.00	23.71 -0.68 0.00	23.79 -0.69 0.00	23.66 -0.76 0.00	25.67 -0.74 0.00	28.03 -0.93 0.00	29.95 -0.61 0.00	31.13 -0.90 0.00	33.69 -1.29 0.00	35.32 -1.24 0.00	35.82 -1.19 0.00	32.90 -1.12 -0.01	36.29 -1.16 0.00	41.50 -1.89 0.55	41.50 -1.60 0.24	38.37 -1.64 -0.07	33.46 -1.72 -0.13	32.20 -1.28 0.16	29.86 -0.76 0.00	29.47 -0.39 0.00
WHAVSTOR_138KV_BK127 55557	30.81 1.93 0.00	28.55 1.77 0.00	26.12 1.62 0.00	25.84 1.37 0.00	25.71 1.32 0.00	25.76 1.37 0.00	26.16 1.69 0.00	26.10 1.68 0.00	28.47 2.06 0.00	31.30 2.35 0.00	33.07 2.51 0.00	34.72 2.69 0.00	37.95 2.97 0.00	38.25 3.14 1.46	36.51 3.33 3.83	37.11 3.13 0.03	38.39 3.48 2.54	41.07 4.04 6.91	46.05 3.77 1.06	42.02 3.43 1.35	39.56 3.08 -1.43	36.56 2.76 -0.16	33.23 2.60 0.00	32.37 2.51 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.81 1.93 0.00	28.55 1.77 0.00	26.12 1.62 0.00	25.84 1.37 0.00	25.71 1.32 0.00	25.76 1.37 0.00	26.16 1.69 0.00	26.10 1.68 0.00	28.47 2.06 0.00	31.30 2.35 0.00	33.07 2.51 0.00	34.72 2.69 0.00	37.95 2.97 0.00	38.25 3.14 1.46	36.51 3.33 3.83	37.11 3.13 0.03	38.39 3.48 2.54	41.07 4.04 6.91	46.05 3.77 1.06	42.02 3.43 1.35	39.56 3.08 -1.43	36.56 2.76 -0.16	33.23 2.60 0.00	32.37 2.51 0.00
WHITEHAL_115KV_TB1 80871	31.36 2.48 0.00	28.97 2.20 0.00	26.41 1.91 0.00	26.25 1.79 0.00	26.12 1.73 0.00	26.12 1.73 0.00	26.46 1.98 0.00	26.20 1.78 0.00	28.68 2.27 0.00	31.59 2.63 0.00	33.13 2.57 0.00	34.46 2.43 0.00	37.74 2.76 0.00	39.23 2.52 -0.14	39.90 2.52 -0.37	36.59 2.41 -0.17	40.09 2.40 -0.24	49.25 3.30 -2.01	51.11 4.07 -3.70	46.13 3.59 -2.60	42.26 3.01 -4.19	37.15 3.30 -0.22	33.35 2.73 0.00	32.40 2.54 0.00
WHITEPLN_13_KV_LOAD 356215	31.39 2.51 0.00	29.05 2.28 0.00	26.58 2.08 0.00	26.30 1.83 0.00	26.15 1.76 0.00	26.20 1.80 0.00	26.63 2.15 0.00	26.59 2.17 0.00	29.08 2.67 0.00	32.05 3.10 0.00	33.96 3.39 0.00	35.87 3.84 0.00	39.21 4.23 0.00	42.02 4.57 -0.89	47.35 4.85 -5.49	48.59 4.56 -10.03	55.22 5.02 -12.75	57.43 5.89 -7.60	53.49 5.50 -4.64	48.54 5.03 -3.57	43.42 4.42 -3.95	37.57 3.77 -0.16	33.96 3.34 0.00	33.06 3.20 0.00
WM_FLOYD_69_KV_BK2 356380	34.62 3.12 -2.62	33.64 2.76 -4.10	32.87 2.47 -5.90	30.00 2.25 -3.29	28.49 2.17 -1.92	29.37 2.22 -2.76	27.10 2.57 -0.05	29.26 2.54 -2.31	33.34 3.04 -3.89	35.03 3.53 -2.55	38.84 3.88 -4.40	54.25 4.23 -17.99	65.94 4.69 -26.27	108.17 5.01 -66.59	133.29 5.18 -91.10	133.24 4.76 -94.47	133.37 5.13 -90.79	133.42 6.11 -83.38	72.54 5.63 -23.57	48.65 5.23 -3.48	45.52 4.66 -5.81	46.46 4.34 -8.48	35.94 3.95 -1.36	35.64 3.73 -2.05
WOODARD___115KV_TB2 355635	28.79 -0.09 0.00	26.70 -0.08 0.00	24.40 -0.10 0.00	24.25 -0.22 0.00	24.17 -0.22 0.00	24.17 -0.22 0.00	24.28 -0.20 0.00	24.12 -0.29 0.00	26.48 -0.21 -0.28	29.32 -0.23 -0.60	31.06 -0.12 -0.62	32.70 -0.13 -0.80	35.58 -0.17 -0.78	37.10 -0.18 -0.72	37.47 -0.19 -0.65	34.14 -0.17 -0.30	37.32 -0.19 -0.05	43.89 -0.22 -0.17	43.94 -0.17 -0.78	40.33 -0.20 -0.59	34.90 -0.25 -0.10	33.48 -0.20 -0.04	30.61 -0.12 -0.10	29.95 -0.18 -0.27
YORK___WARBASSE 23770	31.55 2.66 -0.02	29.22 2.44 -0.01	26.69 2.18 -0.01	26.41 1.93 -0.01	26.25 1.85 -0.01	26.24 1.85 0.00	26.65 2.18 0.00	26.59 2.17 0.00	29.08 2.67 0.00	34.80 3.16 -2.70	39.19 3.45 -5.17	39.34 3.72 -3.59	39.05 4.06 -0.02	41.62 4.20 -0.85	46.76 4.40 -5.34	48.11 4.08 -10.03	54.76 4.61 -12.70	56.66 5.36 -7.36	53.03 5.11 -4.57	48.07 4.67 -3.46	45.12 4.14 -5.94	37.62 3.80 -0.18	38.89 3.49 -4.78	33.24 3.31 -0.07