

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/18/2025		
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	31.94	28.33	25.95	25.93	26.18	27.14	35.03	36.78	41.80	42.93	44.15	45.20	45.95	48.08	52.03	58.20	56.36	61.08	62.35	59.55	58.36	50.43	43.74	39.18																	
		2.06	1.98	1.77	1.81	1.89	1.92	2.29	3.04	3.20	3.40	3.31	3.26	3.15	3.13	3.36	3.94	3.65	4.58	4.35	3.53	2.78	2.17	2.28	2.18																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.29	-0.30	-0.72	-1.73	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
74TH STREET_GT_1	24260	31.94	28.33	25.98	25.93	26.18	27.12	35.00	36.71	41.72	42.85	44.10	45.11	45.91	47.99	51.94	58.09	56.25	60.97	62.29	59.49	58.30	50.39	43.78	39.22																	
		2.06	1.98	1.79	1.81	1.89	1.89	2.26	2.97	3.13	3.32	3.27	3.18	3.10	3.04	3.26	3.83	3.55	4.46	4.29	3.47	2.72	2.12	2.32	2.22																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.29	-0.30	-0.72	-1.73	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
74TH STREET_GT_2	24261	31.94	28.33	25.98	25.93	26.18	27.12	35.00	36.71	41.72	42.85	44.10	45.11	45.91	47.99	51.94	58.09	56.25	60.97	62.29	59.49	58.30	50.39	43.78	39.22																	
		2.06	1.98	1.79	1.81	1.89	1.89	2.26	2.97	3.13	3.32	3.27	3.18	3.10	3.04	3.26	3.83	3.55	4.46	4.29	3.47	2.72	2.12	2.32	2.22																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.29	-0.30	-0.72	-1.73	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
ADK HUDSON___FALLS	24011	31.22	27.78	25.45	25.38	25.50	26.41	33.92	35.12	39.95	40.63	41.78	42.67	43.14	45.18	48.22	52.42	53.10	58.54	60.32	58.09	57.41	49.95	42.70	38.44																	
		1.34	1.42	1.26	1.25	1.21	1.19	1.18	1.38	1.35	1.11	0.94	0.92	0.85	0.76	0.82	1.21	1.30	2.03	2.32	2.07	1.83	1.69	1.24	1.44																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22	0.23	0.55	1.31	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
ADK RESOURCE___RCVRY	23798	31.28	27.86	25.45	25.38	25.50	26.41	33.92	35.09	39.99	40.52	41.65	42.46	42.98	45.19	48.34	52.59	53.38	58.93	60.84	58.60	57.97	50.44	42.87	38.63																	
		1.40	1.50	1.26	1.25	1.21	1.19	1.18	1.35	1.39	0.99	0.82	0.71	0.68	0.76	0.91	1.31	1.56	2.43	2.84	2.58	2.39	2.17	1.41	1.63																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.21	0.22	0.52	1.25	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
ADK S GLENS___FALLS	24028	31.22	27.78	25.45	25.38	25.50	26.41	33.92	35.12	39.95	40.63	41.78	42.67	43.14	45.18	48.22	52.42	53.10	58.54	60.32	58.09	57.41	49.95	42.70	38.44																	
		1.34	1.42	1.26	1.25	1.21	1.19	1.18	1.38	1.35	1.11	0.94	0.92	0.85	0.76	0.82	1.21	1.30	2.03	2.32	2.07	1.83	1.69	1.24	1.44																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22	0.23	0.55	1.31	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
ADK_NYS___DAM	23527	31.40	27.91	25.71	25.59	25.80	26.69	34.25	35.56	40.26	41.19	42.18	42.73	43.07	45.37	48.04	51.25	52.91	58.82	60.32	58.09	57.24	49.66	42.78	38.26																	
		1.52	1.55	1.52	1.47	1.51	1.46	1.51	1.82	1.66	1.66	1.35	1.09	1.06	1.25	1.34	1.73	1.62	2.32	2.32	2.07	1.67	1.40	1.33	1.26																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.51	0.53	1.25	3.01	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
AIR_PRODUCTS___DRP	24190	30.35	26.99	24.77	24.73	24.87	25.81	33.14	34.42	38.98	39.88	41.04	41.89	42.42	44.42	47.51	51.68	51.98	57.01	58.52	56.30	55.52	48.21	41.50	37.07																	
		0.48	0.63	0.58	0.60	0.58	0.58	0.39	0.67	0.39	0.36	0.20	0.13	0.09	-0.04	0.00	0.21	0.10	0.51	0.52	0.28	-0.06	-0.05	0.04	0.07																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.18	0.18	0.44	1.05	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
AKWESSNE_115KV_BK	355683	29.58	25.96	23.87	23.81	23.97	24.92	32.64	33.47	38.56	39.49	40.96	42.16	42.90	45.10	48.34	53.00	52.66	56.45	57.77	56.07	56.08	48.74	41.95	37.37																	
		-0.30	-0.40	-0.31	-0.31	-0.32	-0.30	-0.10	-0.27	-0.04	-0.04	0.12	0.33	0.38	0.45	0.38	0.47	0.47	-0.06	-0.23	0.06	0.50	0.48	0.50	0.37																	
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
ALBANY_1_SOLAR	323833	30.89	27.46	25.18	25.14	25.26	26.21	33.69	34.89	39.60	40.40	41.41	42.16	42.79	45.08	48.30	52.77	52.83	57.86	59.57	57.42	56.69	49.32	42.37	37.85																	
		1.02	1.11	0.99	1.01	0.97	0.98	0.95	1.15	1.00	0.87	0.57	0.38	0.38	0.54	0.62	0.89	0.83	1.35	1.57	1.40	1.11	1.06	0.91	0.85																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.11	0.27	0.65	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
ALBANY_2_SOLAR	323834	30.89	27.44	25.18	25.14	25.26	26.21	33.66	34.89	39.60	40.40	41.41	42.16	42.79	45.03	48.26	52.77	52.78	57.86	59.57	57.36	56.69	49.32	42.37	37.85																	
		1.02	1.08	0.99	1.01	0.97	0.98	0.92	1.15	1.00	0.87	0.57	0.38	0.38	0.49	0.58	0.89	0.78	1.35	1.57	1.34	1.11	1.06	0.91	0.85																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.11	0.27	0.65	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	
ALBANY___1	23571	30.35	26.99	24.77	24.73	24.87	25.81	33.14	34.42	38.98	39.88	41.04	41.89	42.42	44.42	47.51	51.68	51.98	57.01	58.52	56.30	55.52	48.21	41.50	37.07																	
		0.48	0.63	0.58	0.60	0.58	0.58	0.39	0.67	0.39	0.36	0.20	0.13	0.09	-0.04	0.00	0.21	0.10	0.51	0.52	0.28	-0.06	-0.05	0.04	0.07																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.18	0.18	0.44	1.05	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00																	

ALBANY___2 23572	30.35 0.48 0.00	26.99 0.63 0.00	24.77 0.58 0.00	24.73 0.60 0.00	24.87 0.58 0.00	25.81 0.58 0.00	33.14 0.39 0.00	34.42 0.67 0.00	38.98 0.39 0.00	39.88 0.36 0.00	41.04 0.20 0.00	41.89 0.13 0.06	42.42 0.09 0.18	44.42 -0.04 0.18	47.51 0.00 0.44	51.68 0.21 1.05	51.98 0.10 0.31	57.01 0.51 0.00	58.52 0.52 0.00	56.30 0.28 0.00	55.52 -0.06 0.00	48.21 -0.05 0.00	41.50 0.04 0.00	37.07 0.07 0.00
ALBANY___3 23573	30.35 0.48 0.00	26.99 0.63 0.00	24.77 0.58 0.00	24.73 0.60 0.00	24.87 0.58 0.00	25.81 0.58 0.00	33.14 0.39 0.00	34.42 0.67 0.00	38.98 0.39 0.00	39.88 0.36 0.00	41.04 0.20 0.00	41.89 0.13 0.06	42.42 0.09 0.18	44.42 -0.04 0.18	47.51 0.00 0.44	51.68 0.21 1.05	51.98 0.10 0.31	57.01 0.51 0.00	58.52 0.52 0.00	56.30 0.28 0.00	55.52 -0.06 0.00	48.21 -0.05 0.00	41.50 0.04 0.00	37.07 0.07 0.00
ALBANY___4 23574	30.35 0.48 0.00	26.99 0.63 0.00	24.77 0.58 0.00	24.73 0.60 0.00	24.87 0.58 0.00	25.81 0.58 0.00	33.14 0.39 0.00	34.42 0.67 0.00	38.98 0.39 0.00	39.88 0.36 0.00	41.04 0.20 0.00	41.89 0.13 0.06	42.42 0.09 0.18	44.42 -0.04 0.18	47.51 0.00 0.44	51.68 0.21 1.05	51.98 0.10 0.31	57.01 0.51 0.00	58.52 0.52 0.00	56.30 0.28 0.00	55.52 -0.06 0.00	48.21 -0.05 0.00	41.50 0.04 0.00	37.07 0.07 0.00
ALBANY___LFGE 323615	30.65 0.78 0.00	27.25 0.90 0.00	25.01 0.82 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.01 0.78 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.41 0.81 0.00	40.28 0.75 0.00	41.37 0.53 0.00	42.13 0.38 0.07	42.70 0.38 0.19	44.94 0.49 0.20	48.05 0.58 0.48	52.20 0.84 1.16	52.57 0.73 0.35	57.74 1.24 0.00	59.33 1.34 0.00	56.97 0.95 0.00	56.25 0.67 0.00	48.84 0.58 0.00	41.96 0.50 0.00	37.48 0.48 0.00
ALCOA_PA_115KV_PL-6C 55860	29.67 -0.21 0.00	26.07 -0.29 0.00	23.95 -0.24 0.00	23.88 -0.24 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.81 0.07 0.00	33.64 -0.10 0.00	38.75 0.15 0.00	39.65 0.12 0.00	41.12 0.29 0.00	42.37 0.54 0.00	43.15 0.64 0.00	45.37 0.71 0.00	48.53 0.58 0.00	53.21 0.68 0.00	52.87 0.68 0.00	56.67 0.17 0.00	58.00 0.00 0.00	56.30 0.28 0.00	56.36 0.78 0.00	48.99 0.72 0.00	42.20 0.75 0.00	37.59 0.59 0.00
ALCOA_RYNLDS___DRP 24188	29.67 -0.21 0.00	26.07 -0.29 0.00	23.95 -0.24 0.00	23.88 -0.24 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.81 0.07 0.00	33.64 -0.10 0.00	38.75 0.15 0.00	39.65 0.12 0.00	41.12 0.29 0.00	42.37 0.54 0.00	43.15 0.64 0.00	45.37 0.71 0.00	48.53 0.58 0.00	53.21 0.68 0.00	52.87 0.68 0.00	56.67 0.17 0.00	58.00 0.00 0.00	56.30 0.28 0.00	56.36 0.78 0.00	48.99 0.72 0.00	42.20 0.75 0.00	37.59 0.59 0.00
ALCOA___DSASP 323711	29.67 -0.21 0.00	26.07 -0.29 0.00	23.95 -0.24 0.00	23.88 -0.24 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.81 0.07 0.00	33.64 -0.10 0.00	38.75 0.16 0.00	39.65 0.12 0.00	41.13 0.29 0.00	42.37 0.54 0.00	43.06 0.55 0.00	45.19 0.54 0.00	48.38 0.43 0.00	53.05 0.53 0.00	52.71 0.52 0.00	56.50 0.00 0.00	57.83 -0.17 0.00	56.19 0.17 0.00	56.13 0.56 0.00	48.84 0.58 0.00	42.12 0.66 0.00	37.59 0.59 0.00
ALLEGHENY___COGEN 23514	31.58 1.70 0.00	27.67 1.32 0.00	25.28 1.09 0.00	25.09 0.97 0.00	25.26 0.97 0.00	26.54 1.31 0.00	33.95 1.21 0.00	35.22 1.48 0.00	39.33 0.73 0.00	40.04 0.51 0.00	40.02 -0.82 0.00	41.37 -0.46 0.00	42.09 -0.43 0.00	43.80 -0.85 0.00	47.14 -0.82 0.00	50.90 -1.63 0.00	51.09 -1.10 0.00	56.62 0.11 0.00	59.68 1.68 0.00	58.43 2.41 0.00	57.64 2.06 0.00	50.10 1.83 0.00	42.41 0.95 0.00	38.81 1.81 0.00
ALTAMONT_115KV_TB 2 55880	30.65 0.78 0.00	27.23 0.87 0.00	24.99 0.80 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.01 0.78 0.00	33.50 0.75 0.00	34.75 1.01 0.00	39.49 0.89 0.00	40.40 0.87 0.00	41.57 0.74 0.00	42.46 0.67 0.04	43.04 0.64 0.11	45.12 0.58 0.11	48.30 0.62 0.27	52.76 0.89 0.65	52.78 0.78 0.19	57.75 1.24 0.00	59.33 1.33 0.00	57.08 1.06 0.00	56.30 0.72 0.00	48.89 0.63 0.00	42.04 0.58 0.00	37.59 0.59 0.00
ALTONA_WT_PWR 323606	29.43 -0.45 0.00	25.83 -0.53 0.00	23.75 -0.43 0.00	23.69 -0.43 0.00	23.88 -0.41 0.00	24.85 -0.38 0.00	32.64 -0.10 0.00	33.54 -0.20 0.00	38.68 0.08 0.00	39.61 0.08 0.00	41.16 0.33 0.00	42.41 0.59 0.00	42.85 0.34 0.00	44.74 0.09 0.00	47.95 0.00 0.00	52.68 0.16 0.00	52.40 0.21 0.00	56.22 -0.28 0.00	57.71 -0.29 0.00	56.07 0.06 0.00	55.97 0.39 0.00	48.60 0.34 0.00	42.04 0.58 0.00	37.70 0.70 0.00
AMERICAN_REF_FUEL 24010	30.08 0.21 0.00	26.33 -0.03 0.00	24.07 -0.12 0.00	23.86 -0.26 0.00	24.00 -0.29 0.00	25.18 -0.05 0.00	31.66 -1.08 0.00	33.07 -0.67 0.00	37.29 -1.31 0.00	38.14 -1.38 0.00	39.69 -1.14 0.00	41.41 -0.42 0.00	42.13 -0.38 0.00	43.49 -1.16 0.00	46.56 -1.39 0.00	49.74 -2.79 0.00	49.95 -2.24 0.00	54.64 -1.86 0.00	57.01 -0.99 0.00	54.90 -1.12 0.00	53.52 -2.06 0.00	46.62 -1.64 0.00	39.80 -1.66 0.00	35.89 -1.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.38 0.51 0.00	26.62 0.26 0.00	24.33 0.15 0.00	24.17 0.05 0.00	24.39 0.10 0.00	25.70 0.48 0.00	32.71 -0.03 0.00	34.62 0.88 0.00	39.18 0.58 0.00	40.16 0.63 0.00	41.90 1.06 0.00	43.71 1.88 0.00	44.51 2.00 0.00	45.95 1.30 0.00	49.20 1.24 0.00	52.58 0.05 0.00	52.56 0.37 0.00	57.57 1.07 0.00	59.97 1.97 0.00	57.42 1.40 0.00	55.58 0.00 0.00	48.21 -0.05 0.00	40.75 -0.71 0.00	36.22 -0.78 0.00
ARTHUR KILL_GT_1 23520	32.03 2.15 0.00	28.36 2.00 0.00	25.95 1.77 0.00	25.88 1.76 0.00	26.16 1.87 0.00	27.04 1.82 0.00	34.87 2.13 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.78 3.24 -0.01	43.99 3.14 -0.01	44.74 2.80 -0.10	44.66 2.64 0.48	45.68 2.63 1.61	45.93 2.83 4.85	46.93 3.36 8.96	47.05 3.03 8.16	55.39 3.84 4.96	53.70 3.60 7.89	49.46 2.80 9.36	47.16 2.00 10.42	46.33 1.59 3.52	43.60 2.16 0.01	39.23 2.22 -0.01
ARTHUR_KILL_2 23512	31.93 2.06 0.00	28.31 1.95 0.00	25.88 1.69 0.00	25.81 1.69 0.00	26.09 1.80 0.00	26.94 1.72 0.00	34.77 2.03 0.00	36.51 2.77 0.00	41.45 2.86 0.00	42.66 3.12 -0.01	43.66 2.82 -0.01	44.19 2.26 -0.10	44.28 2.25 0.48	45.59 2.54 1.61	45.88 2.78 4.85	46.83 3.26 8.96	46.89 2.87 8.16	55.39 3.84 4.96	53.76 3.66 7.89	49.35 2.69 9.36	47.16 2.00 10.42	46.24 1.50 3.52	43.48 2.03 0.01	39.12 2.11 -0.01
ARTHUR_KILL_3 23513	31.64 1.76 0.00	28.07 1.71 0.00	25.74 1.55 0.00	25.69 1.57 0.00	25.94 1.65 0.00	26.86 1.64 0.00	34.67 1.93 0.00	36.41 2.66 0.00	41.34 2.74 0.00	42.50 2.97 0.00	43.49 2.65 0.00	44.19 2.26 -0.10	44.25 2.21 0.48	45.55 2.50 1.60	45.79 2.68 4.85	46.78 3.20 8.95	46.85 2.82 8.16	55.34 3.79 4.95	53.71 3.60 7.89	49.36 2.69 9.35	47.23 2.06 10.41	46.29 1.54 3.52	43.32 1.87 0.00	38.78 1.78 0.00

ARTHUR_KILL_COGEN 323718	32.03 2.15 0.00	28.36 2.00 0.00	25.95 1.76 0.00	25.88 1.76 0.00	26.16 1.87 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.78 3.24 -0.01	43.79 2.94 -0.01	44.32 2.38 -0.10	44.45 2.42 0.48	45.72 2.68 1.61	46.07 2.97 4.85	47.03 3.47 8.96	47.10 3.08 8.16	55.67 4.12 4.96	53.99 3.89 7.89	49.63 2.97 9.36	47.39 2.23 10.42	46.43 1.69 3.52	43.64 2.20 0.01	39.23 2.22 -0.01
ASHOKAN____ 23654	31.25 1.37 0.00	27.73 1.37 0.00	25.40 1.21 0.00	25.35 1.23 0.00	25.55 1.26 0.00	26.51 1.29 0.00	34.18 1.44 0.00	35.66 1.92 0.00	40.45 1.85 0.00	41.35 1.82 0.00	42.14 1.31 0.00	42.96 1.13 0.00	43.83 1.32 0.00	47.20 2.54 0.00	50.64 2.68 0.00	55.89 3.36 0.00	55.53 3.34 0.00	59.78 3.28 0.00	61.71 3.72 0.00	59.04 3.02 0.00	58.30 2.72 0.00	50.44 2.17 0.00	43.32 1.87 0.00	38.55 1.55 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.00 2.12 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.24 1.94 -0.01	27.04 1.82 0.00	34.84 2.10 0.00	36.47 2.73 0.00	41.37 2.78 0.01	42.52 3.00 0.01	43.52 2.69 0.01	44.31 2.38 -0.10	45.18 2.38 -0.28	47.67 2.72 -0.30	51.59 2.93 -0.71	57.51 3.26 -1.72	55.57 2.87 -0.51	60.28 3.79 0.01	61.76 3.77 0.01	58.87 2.86 0.01	57.68 2.11 0.01	50.10 1.83 0.00	43.83 2.36 -0.01	39.27 2.26 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	32.00 2.12 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.24 1.94 -0.01	27.04 1.82 0.00	34.84 2.10 0.00	36.47 2.73 0.00	41.37 2.78 0.01	42.52 3.00 0.01	43.52 2.69 0.01	44.31 2.38 -0.10	45.18 2.38 -0.28	47.67 2.72 -0.30	51.59 2.93 -0.71	57.51 3.26 -1.72	55.57 2.87 -0.51	60.28 3.79 0.01	61.76 3.77 0.01	58.87 2.86 0.01	57.68 2.11 0.01	50.10 1.83 0.00	43.83 2.36 -0.01	39.27 2.26 -0.01
ASTORIA_GT2_1 24094	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT2_2 24095	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT2_3 24096	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT2_4 24097	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT3_1 24098	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT3_2 24099	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT3_3 24100	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT3_4 24101	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT4_1 24102	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT4_2 24103	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT4_3 24104	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01

ASTORIA_GT4_4 24105	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.27 1.97 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.38 2.78 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.41 3.15 -1.73	55.57 2.87 -0.51	60.12 3.62 0.00	61.53 3.54 0.01	58.81 2.80 0.01	57.57 2.00 0.01	49.95 1.69 0.00	43.79 2.32 -0.01	39.27 2.26 -0.01
ASTORIA_GT_1 23523	32.09 2.21 -0.01	28.47 2.11 -0.01	26.07 1.89 0.00	26.03 1.91 0.00	26.29 1.99 -0.01	27.14 1.92 0.00	34.90 2.16 0.00	36.58 2.83 0.00	41.45 2.86 0.00	42.61 3.08 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.51 3.26 -1.73	55.67 2.97 -0.51	60.29 3.79 0.00	61.70 3.71 0.01	58.92 2.91 0.01	57.68 2.11 0.01	50.05 1.79 0.00	43.91 2.45 -0.01	39.34 2.33 -0.01
ASTORIA_GT_10 24110	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.14 1.85 0.00	27.04 1.82 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.61 3.08 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.57 3.31 -1.73	55.57 2.87 -0.51	60.23 3.73 0.00	61.47 3.48 0.01	58.76 2.74 0.01	57.52 1.95 0.01	49.85 1.59 0.00	43.53 2.07 0.00	39.07 2.07 0.00
ASTORIA_GT_11 24225	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.14 1.85 0.00	27.04 1.82 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.61 3.08 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.57 3.31 -1.73	55.57 2.87 -0.51	60.23 3.73 0.00	61.47 3.48 0.01	58.76 2.74 0.01	57.52 1.95 0.01	49.85 1.59 0.00	43.53 2.07 0.00	39.07 2.07 0.00
ASTORIA_GT_12 24226	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.14 1.85 0.00	27.04 1.82 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.61 3.08 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.57 3.31 -1.73	55.57 2.87 -0.51	60.23 3.73 0.00	61.47 3.48 0.01	58.76 2.74 0.01	57.52 1.95 0.01	49.85 1.59 0.00	43.53 2.07 0.00	39.07 2.07 0.00
ASTORIA_GT_13 24227	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.14 1.85 0.00	27.04 1.82 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.61 3.08 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.57 3.31 -1.73	55.57 2.87 -0.51	60.23 3.73 0.00	61.47 3.48 0.01	58.76 2.74 0.01	57.52 1.95 0.01	49.85 1.59 0.00	43.53 2.07 0.00	39.07 2.07 0.00
ASTORIA_GT_5 24106	32.09 2.21 -0.01	28.47 2.11 -0.01	26.07 1.89 0.00	26.03 1.91 0.00	26.29 1.99 -0.01	27.14 1.92 0.00	34.90 2.16 0.00	36.58 2.83 0.00	41.45 2.86 0.00	42.61 3.08 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.51 3.26 -1.73	55.67 2.97 -0.51	60.29 3.79 0.00	61.70 3.71 0.01	58.92 2.91 0.01	57.68 2.11 0.01	50.05 1.79 0.00	43.91 2.45 -0.01	39.34 2.33 -0.01
ASTORIA_GT_7 24107	32.09 2.21 -0.01	28.47 2.11 -0.01	26.07 1.89 0.00	26.03 1.91 0.00	26.29 1.99 -0.01	27.14 1.92 0.00	34.90 2.16 0.00	36.58 2.83 0.00	41.45 2.86 0.00	42.61 3.08 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.51 3.26 -1.73	55.67 2.97 -0.51	60.29 3.79 0.00	61.70 3.71 0.01	58.92 2.91 0.01	57.68 2.11 0.01	50.05 1.79 0.00	43.91 2.45 -0.01	39.34 2.33 -0.01
ASTORIA_GT_8 24108	32.09 2.21 -0.01	28.47 2.11 -0.01	26.07 1.89 0.00	26.03 1.91 0.00	26.29 1.99 -0.01	27.14 1.92 0.00	34.90 2.16 0.00	36.58 2.83 0.00	41.45 2.86 0.00	42.61 3.08 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.51 3.26 -1.73	55.67 2.97 -0.51	60.29 3.79 0.00	61.70 3.71 0.01	58.92 2.91 0.01	57.68 2.11 0.01	50.05 1.79 0.00	43.91 2.45 -0.01	39.34 2.33 -0.01
ASTORIA___2 24149	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.26 1.97 -0.01	27.07 1.84 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.41 2.82 0.01	42.56 3.04 0.01	43.57 2.74 0.01	44.35 2.43 -0.10	45.22 2.42 -0.28	47.67 2.72 -0.30	51.64 2.97 -0.71	57.56 3.31 -1.72	55.62 2.92 -0.51	60.34 3.84 0.01	61.76 3.77 0.01	58.87 2.86 0.01	57.74 2.17 0.01	50.14 1.88 0.00	43.83 2.36 -0.01	39.27 2.26 -0.01
ASTORIA___3 23516	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.13 1.85 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.90 0.00	42.65 3.12 0.00	43.65 2.82 0.00	44.40 2.47 -0.10	45.27 2.46 -0.29	47.73 2.77 -0.30	51.70 3.02 -0.72	57.67 3.41 -1.73	55.62 2.92 -0.51	60.46 3.95 0.00	61.76 3.77 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.00 1.73 0.00	43.57 2.11 0.00	39.07 2.07 0.00
ASTORIA___4 23517	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.14 1.85 0.00	27.04 1.82 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.61 3.08 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.57 3.31 -1.73	55.57 2.87 -0.51	60.23 3.73 0.00	61.47 3.48 0.01	58.76 2.74 0.01	57.52 1.95 0.01	49.85 1.59 0.00	43.53 2.07 0.00	39.07 2.07 0.00
ASTORIA___5 23518	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.13 1.85 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.90 0.00	42.65 3.12 0.00	43.65 2.82 0.00	44.40 2.47 -0.10	45.27 2.46 -0.29	47.73 2.77 -0.30	51.70 3.02 -0.72	57.67 3.41 -1.73	55.62 2.92 -0.51	60.46 3.95 0.00	61.76 3.77 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.00 1.73 0.00	43.57 2.11 0.00	39.07 2.07 0.00
AST_ENERGY_2_CC3 323677	30.74 1.82 0.96	28.12 1.77 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.92 1.69 0.00	30.83 2.00 3.91	33.82 2.70 2.62	34.48 2.78 6.90	32.49 3.00 10.04	35.82 2.69 7.71	34.07 2.34 10.10	34.07 2.38 10.82	34.56 2.68 12.77	37.55 2.93 13.33	42.72 3.47 13.27	38.58 3.08 16.69	44.93 4.07 15.64	44.72 3.89 17.17	41.77 2.97 17.22	40.64 2.33 17.27	35.78 1.79 14.27	38.89 1.99 4.56	34.07 1.89 4.82
AST_ENERGY_2_CC4 323678	30.74 1.82 0.96	28.12 1.77 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.92 1.69 0.00	30.83 2.00 3.91	33.82 2.70 2.62	34.48 2.78 6.90	32.49 3.00 10.04	35.82 2.69 7.71	34.07 2.34 10.10	34.07 2.38 10.82	34.56 2.68 12.77	37.55 2.93 13.33	42.72 3.47 13.27	38.58 3.08 16.69	44.93 4.07 15.64	44.72 3.89 17.17	41.77 2.97 17.22	40.64 2.33 17.27	35.78 1.79 14.27	38.89 1.99 4.56	34.07 1.89 4.82

ATHENS_STG_1 23668	30.83 0.96 0.00	27.41 1.06 0.00	25.16 0.97 0.00	25.14 1.01 0.00	25.31 1.02 0.00	26.16 0.93 0.00	33.69 0.95 0.00	35.09 1.35 0.00	39.87 1.27 0.00	40.87 1.34 0.00	41.90 1.06 0.00	42.75 0.88 -0.05	43.53 0.89 -0.13	45.86 1.07 -0.13	49.42 1.15 -0.32	54.75 1.47 -0.76	53.72 1.31 -0.23	58.42 1.92 0.00	59.91 1.91 0.00	57.42 1.40 0.00	56.58 1.00 0.00	49.08 0.82 0.00	42.29 0.83 0.00	37.81 0.81 0.00
ATHENS_STG_2 23670	30.83 0.96 0.00	27.41 1.06 0.00	25.16 0.97 0.00	25.14 1.01 0.00	25.31 1.02 0.00	26.16 0.93 0.00	33.69 0.95 0.00	35.09 1.35 0.00	39.87 1.27 0.00	40.87 1.34 0.00	41.90 1.06 0.00	42.75 0.88 -0.05	43.53 0.89 -0.13	45.86 1.07 -0.13	49.42 1.15 -0.32	54.75 1.47 -0.76	53.72 1.31 -0.23	58.42 1.92 0.00	59.91 1.91 0.00	57.42 1.40 0.00	56.58 1.00 0.00	49.08 0.82 0.00	42.29 0.83 0.00	37.81 0.81 0.00
ATHENS_STG_3 23677	30.83 0.96 0.00	27.41 1.06 0.00	25.16 0.97 0.00	25.14 1.01 0.00	25.31 1.02 0.00	26.16 0.93 0.00	33.69 0.95 0.00	35.09 1.35 0.00	39.87 1.27 0.00	40.87 1.34 0.00	41.90 1.06 0.00	42.75 0.88 -0.05	43.53 0.89 -0.13	45.86 1.07 -0.13	49.42 1.15 -0.32	54.75 1.47 -0.76	53.72 1.31 -0.23	58.42 1.92 0.00	59.91 1.91 0.00	57.42 1.40 0.00	56.58 1.00 0.00	49.08 0.82 0.00	42.29 0.83 0.00	37.81 0.81 0.00
AUBURN___LFGE 323710	30.26 0.39 0.00	26.70 0.34 0.00	24.43 0.24 0.00	24.32 0.19 0.00	24.46 0.17 0.00	25.50 0.28 0.00	32.97 0.23 0.00	34.21 0.47 0.00	38.95 0.35 0.00	39.96 0.43 0.00	41.16 0.33 0.00	42.00 0.17 0.00	42.73 0.21 0.00	45.01 0.36 0.00	48.48 0.53 0.00	52.73 0.21 0.00	52.50 0.31 0.00	57.41 0.90 0.00	59.45 1.45 0.00	57.31 1.29 0.00	56.47 0.89 0.00	48.99 0.72 0.00	41.79 0.33 0.00	37.22 0.22 0.00
BABYLON_RES_REC 323704	41.62 2.18 -9.57	38.47 2.19 -9.93	33.05 2.01 -6.85	30.98 2.03 -4.83	32.60 2.11 -6.20	34.75 2.12 -7.41	37.62 2.42 -2.45	41.14 3.00 -4.40	41.66 3.05 -0.01	42.82 3.28 -0.01	43.58 2.74 -0.01	42.99 1.05 -0.11	43.45 0.64 -0.30	46.33 1.39 -0.29	50.34 1.68 -0.71	56.52 2.26 -1.74	58.33 2.03 -4.11	62.98 2.88 -3.60	64.31 2.78 -3.52	58.79 2.07 -0.69	57.02 1.44 0.00	49.66 1.40 0.00	44.10 1.45 -1.20	40.05 2.11 -0.94
BALL_HILL_WT_PWR 323825	30.50 0.63 0.00	26.70 0.34 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.36 0.07 0.00	25.63 0.40 0.00	32.51 -0.23 0.00	34.28 0.54 0.00	38.71 0.12 0.00	39.65 0.12 0.00	41.29 0.45 0.00	42.91 1.09 0.00	43.70 1.19 0.00	45.14 0.49 0.00	48.38 0.43 0.00	51.74 -0.79 0.00	51.88 -0.31 0.00	56.79 0.28 0.00	59.16 1.16 0.00	56.80 0.78 0.00	55.25 -0.33 0.00	48.07 -0.19 0.00	40.88 -0.58 0.00	36.59 -0.41 0.00
BARON_WINDS___WT_PWR 323822	30.26 0.39 0.00	26.62 0.26 0.00	24.38 0.19 0.00	24.24 0.12 0.00	24.41 0.12 0.00	25.60 0.38 0.00	32.78 0.03 0.00	34.35 0.61 0.00	38.75 0.16 0.00	39.69 0.16 0.00	41.04 0.21 0.00	42.25 0.42 0.00	43.03 0.51 0.00	44.79 0.13 0.00	48.15 0.19 0.00	52.00 -0.53 0.00	52.03 -0.16 0.00	57.07 0.56 0.00	59.33 1.34 0.00	57.14 1.12 0.00	56.02 0.44 0.00	48.70 0.43 0.00	41.33 -0.12 0.00	36.85 -0.15 0.00
BARRETT_IC_1 23704	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_10 23701	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	66.52 2.29 -12.04	71.27 3.22 -11.55	72.31 3.01 -11.29	60.58 2.35 -2.20	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_11 23702	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	66.52 2.29 -12.04	71.27 3.22 -11.55	72.31 3.01 -11.29	60.58 2.35 -2.20	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_12 23703	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	66.52 2.29 -12.04	71.27 3.22 -11.55	72.31 3.01 -11.29	60.58 2.35 -2.20	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_2 23705	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_3 23706	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_4 23707	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_5 23708	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14

BARRETT_IC_6 23709	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_7 23710	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.87 1.79 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.38 2.85 -0.01	43.46 2.61 -0.01	44.45 2.51 -0.11	45.19 2.38 -0.30	46.65 1.70 -0.30	50.59 1.92 -0.71	56.94 2.68 -1.74	91.95 2.24 -37.52	96.62 3.05 -37.07	97.10 2.84 -36.26	65.38 2.30 -7.06	57.36 1.78 0.00	49.76 1.50 0.00	55.02 1.78 -11.78	47.88 1.74 -9.14
BARRETT_IC_8 23711	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT_IC_9 23700	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	66.52 2.29 -12.04	71.27 3.22 -11.55	72.31 3.01 -11.29	60.58 2.35 -2.20	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT___1 23545	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	92.00 2.29 -37.52	96.79 3.22 -37.07	97.27 3.01 -36.26	65.43 2.35 -7.06	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BARRETT___2 23546	40.55 1.82 -8.86	37.36 1.82 -9.19	32.22 1.69 -6.34	30.30 1.71 -4.47	31.82 1.80 -5.74	33.85 1.77 -6.86	37.04 2.03 -2.27	40.37 2.56 -4.07	41.31 2.70 -0.01	42.42 2.88 -0.01	43.30 2.45 -0.01	43.07 1.13 -0.11	43.92 1.10 -0.30	46.74 1.79 -0.30	50.73 2.06 -0.71	57.05 2.78 -1.74	66.52 2.29 -12.04	71.27 3.22 -11.55	72.31 3.01 -11.29	60.58 2.35 -2.20	57.53 1.94 -0.01	49.85 1.59 0.00	55.06 1.82 -11.78	47.88 1.74 -9.14
BATAVIA___115KV_TB1 55881	31.22 1.34 0.00	27.28 0.92 0.00	24.91 0.73 0.00	24.68 0.55 0.00	24.85 0.56 0.00	25.88 0.66 0.00	33.10 0.36 0.00	34.69 0.94 0.00	39.10 0.50 0.00	40.24 0.71 0.00	41.16 0.33 0.00	42.04 0.21 0.00	42.98 0.47 0.00	45.50 0.85 0.00	49.01 1.05 0.00	52.26 -0.26 0.00	52.35 0.16 0.00	57.80 1.30 0.00	60.38 2.38 0.00	58.48 2.46 0.00	57.14 1.56 0.00	49.61 1.35 0.00	42.16 0.70 0.00	37.85 0.85 0.00
BAYONEEC___CTG1 323682	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG10 323750	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG2 323683	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG3 323684	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG4 323685	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG5 323686	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG6 323687	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG7 323688	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00

BAYONEEC___CTG8 323689	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BAYONEEC___CTG9 323749	31.73 1.85 0.00	28.17 1.82 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BEACON___LESR 323632	30.83 0.96 0.00	27.38 1.03 0.00	25.11 0.92 0.00	25.04 0.92 0.00	25.19 0.90 0.00	26.16 0.93 0.00	33.63 0.88 0.00	34.92 1.18 0.00	39.64 1.04 0.00	40.52 0.99 0.00	41.57 0.74 0.00	42.30 0.54 0.07	42.88 0.55 0.19	45.13 0.67 0.20	48.25 0.76 0.47	52.50 1.10 1.12	52.90 1.04 0.33	58.14 1.64 0.00	59.74 1.74 0.00	57.36 1.34 0.00	56.63 1.05 0.00	49.18 0.91 0.00	42.20 0.75 0.00	37.70 0.70 0.00
BEAVER RIVER___HYD 24048	30.05 0.18 0.00	26.49 0.13 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.53 0.24 0.00	25.63 0.40 0.00	33.43 0.69 0.00	34.55 0.81 0.00	39.45 0.85 0.00	40.12 0.59 0.00	41.41 0.57 0.00	42.46 0.63 0.00	43.11 0.59 0.00	45.28 0.62 0.00	48.82 0.86 0.00	53.42 0.89 0.00	53.50 1.31 0.00	58.03 1.53 0.00	60.03 2.03 0.00	58.15 2.13 0.00	57.74 2.17 0.00	49.95 1.69 0.00	42.74 1.29 0.00	37.81 0.81 0.00
BEEBEE_GT_13 23619	30.50 0.63 0.00	26.75 0.40 0.00	24.43 0.24 0.00	24.24 0.12 0.00	24.41 0.12 0.00	25.40 0.18 0.00	32.68 -0.07 0.00	34.08 0.34 0.00	38.64 0.04 0.00	39.72 0.20 0.00	40.80 -0.04 0.00	41.70 -0.13 0.00	42.56 0.04 0.00	44.97 0.31 0.00	48.43 0.48 0.00	52.05 -0.47 0.00	51.98 -0.21 0.00	57.07 0.57 0.00	59.28 1.28 0.00	57.31 1.29 0.00	56.13 0.56 0.00	48.74 0.48 0.00	41.54 0.08 0.00	37.22 0.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.20 2.33 0.00	28.52 2.16 0.00	26.10 1.91 0.00	26.05 1.93 0.00	26.31 2.02 0.00	27.22 1.99 0.00	35.10 2.36 0.00	36.88 3.14 0.00	41.88 3.28 0.00	43.05 3.52 -0.01	44.28 3.43 -0.01	45.24 3.30 -0.10	45.99 3.19 -0.29	48.17 3.21 -0.30	52.13 3.45 -0.72	58.25 3.99 -1.73	56.36 3.65 -0.52	61.08 4.58 0.00	62.29 4.29 0.00	59.49 3.47 0.00	58.25 2.67 0.00	50.43 2.17 0.00	44.03 2.57 0.00	39.52 2.52 -0.01
BETHLEHEM___GRP 23843	30.35 0.48 0.00	26.99 0.63 0.00	24.77 0.58 0.00	24.73 0.60 0.00	24.87 0.58 0.00	25.81 0.58 0.00	33.14 0.39 0.00	34.42 0.67 0.00	38.98 0.39 0.00	39.88 0.36 0.00	41.04 0.20 0.00	41.89 0.13 0.06	42.42 0.09 0.18	44.42 -0.04 0.18	47.51 0.00 0.44	51.68 0.21 1.05	51.98 0.10 0.31	57.01 0.51 0.00	58.52 0.52 0.00	56.30 0.28 0.00	55.52 -0.06 0.00	48.21 -0.05 0.00	41.50 0.04 0.00	37.07 0.07 0.00
BETHLEHEM___GS1 323560	30.35 0.48 0.00	26.99 0.63 0.00	24.77 0.58 0.00	24.73 0.60 0.00	24.87 0.58 0.00	25.76 0.53 0.00	33.14 0.39 0.00	34.42 0.67 0.00	38.98 0.39 0.00	39.88 0.35 0.00	40.92 0.08 0.00	41.64 -0.13 0.06	42.25 -0.08 0.18	44.47 0.00 0.18	47.56 0.05 0.44	51.74 0.26 1.05	52.03 0.16 0.31	57.12 0.62 0.00	58.64 0.64 0.00	56.30 0.28 0.00	55.58 0.00 0.00	48.26 0.00 0.00	41.50 0.04 0.00	37.07 0.07 0.00
BETHLEHEM___GS2 323561	30.35 0.48 0.00	26.99 0.63 0.00	24.77 0.58 0.00	24.73 0.60 0.00	24.87 0.58 0.00	25.76 0.53 0.00	33.14 0.39 0.00	34.42 0.67 0.00	38.98 0.39 0.00	39.88 0.35 0.00	40.92 0.08 0.00	41.64 -0.13 0.06	42.25 -0.08 0.18	44.47 0.00 0.18	47.56 0.05 0.44	51.74 0.26 1.05	52.03 0.16 0.31	57.12 0.62 0.00	58.64 0.64 0.00	56.30 0.28 0.00	55.58 0.00 0.00	48.26 0.00 0.00	41.50 0.04 0.00	37.07 0.07 0.00
BETHLEHEM___GS3 323562	30.35 0.48 0.00	26.99 0.63 0.00	24.77 0.58 0.00	24.73 0.60 0.00	24.87 0.58 0.00	25.76 0.53 0.00	33.14 0.39 0.00	34.42 0.67 0.00	38.98 0.39 0.00	39.88 0.35 0.00	40.92 0.08 0.00	41.64 -0.13 0.06	42.25 -0.08 0.18	44.47 0.00 0.18	47.56 0.05 0.44	51.74 0.26 1.05	52.03 0.16 0.31	57.12 0.62 0.00	58.64 0.64 0.00	56.30 0.28 0.00	55.58 0.00 0.00	48.26 0.00 0.00	41.50 0.04 0.00	37.07 0.07 0.00
BETHLEHEM___STEEL 23779	30.50 0.63 0.00	26.70 0.34 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.34 0.05 0.00	25.40 0.18 0.00	32.42 -0.33 0.00	34.15 0.40 0.00	38.56 -0.04 0.00	39.57 0.04 0.00	40.47 -0.37 0.00	41.12 -0.71 0.00	42.05 -0.47 0.00	44.56 -0.09 0.00	48.00 0.05 0.00	51.32 -1.21 0.00	51.25 -0.94 0.00	56.45 -0.06 0.00	58.81 0.81 0.00	56.52 0.50 0.00	54.97 -0.61 0.00	47.83 -0.43 0.00	40.71 -0.75 0.00	36.67 -0.33 0.00
BETHLHEM_115KV_TB1 79974	30.41 0.54 0.00	27.04 0.69 0.00	24.82 0.63 0.00	24.77 0.65 0.00	24.92 0.63 0.00	25.83 0.61 0.00	33.20 0.46 0.00	34.48 0.74 0.00	39.10 0.50 0.00	40.00 0.47 0.00	41.16 0.33 0.00	42.02 0.25 0.06	42.56 0.21 0.17	44.57 0.09 0.17	47.69 0.14 0.41	51.91 0.37 0.99	52.16 0.26 0.29	57.18 0.68 0.00	58.70 0.70 0.00	56.47 0.45 0.00	55.63 0.06 0.00	48.36 0.10 0.00	41.62 0.17 0.00	37.19 0.19 0.00
BETHPAGE_CC_5 323564	42.14 2.12 -10.14	38.99 2.11 -10.52	33.39 1.94 -7.26	31.19 1.95 -5.12	32.90 2.04 -6.57	35.12 2.04 -7.85	37.70 2.36 -2.60	41.30 2.90 -4.66	41.42 2.82 -0.01	42.58 3.04 -0.01	43.38 2.53 -0.01	42.99 1.05 -0.11	43.79 0.98 -0.30	46.68 1.74 -0.29	50.68 2.01 -0.71	57.00 2.73 -1.74	59.79 2.45 -5.14	64.53 3.39 -4.63	65.78 3.25 -4.53	59.37 2.46 -0.89	57.47 1.89 0.00	49.85 1.59 0.00	44.73 1.66 -1.61	40.15 1.89 -1.27
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.50 0.63 0.00	26.73 0.37 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.36 0.07 0.00	25.43 0.20 0.00	32.48 -0.26 0.00	34.21 0.47 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.55 -0.29 0.00	41.20 -0.63 0.00	42.17 -0.34 0.00	44.70 0.04 0.00	48.14 0.19 0.00	51.47 -1.05 0.00	51.46 -0.73 0.00	56.67 0.17 0.00	59.04 1.04 0.00	56.69 0.67 0.00	55.08 -0.50 0.00	47.92 -0.34 0.00	40.79 -0.66 0.00	36.70 -0.30 0.00
BINGHAMTON___COGEN 23790	30.38 0.51 0.00	26.83 0.47 0.00	24.58 0.39 0.00	24.48 0.36 0.00	24.65 0.36 0.00	25.65 0.43 0.00	33.10 0.36 0.00	34.55 0.81 0.00	39.22 0.62 0.00	40.20 0.67 0.00	41.37 0.53 0.00	42.12 0.29 0.00	42.85 0.34 0.00	45.14 0.49 0.00	48.58 0.62 0.00	52.94 0.42 0.00	52.66 0.47 0.00	57.58 1.07 0.00	59.51 1.51 0.00	57.20 1.18 0.00	56.25 0.67 0.00	48.84 0.58 0.00	41.75 0.29 0.00	37.26 0.26 0.00

BIXINCNT_115KV_LOAD 355685	30.08 0.21 0.00	26.44 0.08 0.00	24.21 0.02 0.00	24.03 -0.10 0.00	24.27 -0.02 0.00	25.38 0.15 0.00	32.55 -0.20 0.00	34.35 0.61 0.00	38.71 0.12 0.00	39.69 0.16 0.00	40.72 -0.12 0.00	41.16 -0.67 0.00	42.13 -0.38 0.00	44.74 0.09 0.00	48.19 0.24 0.00	51.58 -0.95 0.00	51.72 -0.47 0.00	56.95 0.45 0.00	59.33 1.33 0.00	56.92 0.90 0.00	55.41 -0.17 0.00	48.12 -0.14 0.00	40.75 -0.70 0.00	36.52 -0.48 0.00
BLACK RIVER___HYD 24047	30.50 0.63 0.00	26.88 0.53 0.00	24.67 0.48 0.00	24.53 0.41 0.00	24.87 0.58 0.00	26.03 0.81 0.00	33.86 1.11 0.00	35.02 1.28 0.00	39.87 1.27 0.00	40.52 0.99 0.00	41.78 0.94 0.00	42.79 0.96 0.00	43.45 0.93 0.00	45.55 0.89 0.00	49.01 1.05 0.00	53.63 1.10 0.00	53.81 1.62 0.00	58.53 2.03 0.00	60.90 2.90 0.00	58.99 2.97 0.00	58.58 3.00 0.00	50.82 2.56 0.00	43.32 1.87 0.00	38.26 1.26 0.00
BLACKRVR_115KV_TB2 79977	30.50 0.63 0.00	26.88 0.53 0.00	24.67 0.48 0.00	24.53 0.41 0.00	24.87 0.58 0.00	26.01 0.78 0.00	33.86 1.11 0.00	35.02 1.28 0.00	39.87 1.27 0.00	40.52 0.99 0.00	41.74 0.90 0.00	42.66 0.84 0.00	43.36 0.85 0.00	45.55 0.89 0.00	49.01 1.05 0.00	53.63 1.10 0.00	53.81 1.62 0.00	58.54 2.03 0.00	60.90 2.90 0.00	59.04 3.03 0.00	58.58 3.00 0.00	50.82 2.56 0.00	43.32 1.87 0.00	38.26 1.26 0.00
BLDWN_LI_69_KV_BK4 356085	43.35 2.12 -11.36	40.22 2.08 -11.78	34.23 1.91 -8.13	31.78 1.93 -5.73	33.66 2.02 -7.36	36.06 2.04 -8.79	37.98 2.32 -2.91	41.86 2.90 -5.22	41.62 3.01 -0.01	42.74 3.20 -0.01	43.83 2.98 -0.01	44.83 2.89 -0.12	45.58 2.76 -0.30	47.09 2.14 -0.29	51.07 2.40 -0.72	57.47 3.20 -1.74	68.95 2.97 -13.79	73.64 3.84 -13.30	74.72 3.71 -13.01	61.64 3.08 -2.54	58.02 2.45 0.00	50.29 2.03 0.00	48.05 2.11 -4.48	42.60 2.11 -3.49
BLISS_WT_PWR 323608	29.96 0.09 0.00	26.33 -0.03 0.00	24.14 -0.05 0.00	23.95 -0.17 0.00	24.22 -0.07 0.00	25.50 0.28 0.00	32.48 -0.26 0.00	34.28 0.54 0.00	38.60 0.00 0.00	39.53 0.00 0.00	41.20 0.37 0.00	42.66 0.84 0.00	43.49 0.98 0.00	44.97 0.31 0.00	48.24 0.29 0.00	51.68 -0.84 0.00	52.03 -0.16 0.00	57.01 0.51 0.00	59.33 1.34 0.00	56.91 0.89 0.00	55.52 -0.06 0.00	48.31 0.05 0.00	41.00 -0.46 0.00	36.41 -0.59 0.00
BLUESTONE___WT_PWR 323821	31.28 1.40 0.00	27.65 1.29 0.00	25.37 1.18 0.00	25.26 1.13 0.00	25.53 1.24 0.00	26.71 1.49 0.00	34.61 1.87 0.00	36.24 2.50 0.00	41.15 2.55 0.00	41.98 2.45 0.00	43.29 2.45 0.00	44.21 2.38 0.00	44.94 2.42 0.00	47.20 2.54 0.00	50.68 2.73 0.00	55.36 2.83 0.00	55.43 3.24 0.00	60.62 4.12 0.00	62.93 4.93 0.00	60.33 4.31 0.00	59.47 3.89 0.00	51.64 3.38 0.00	43.90 2.45 0.00	38.85 1.85 0.00
BLUE_CIRC_CHEM_DRP 24182	30.71 0.84 0.00	27.28 0.92 0.00	25.03 0.85 0.00	24.99 0.87 0.00	25.14 0.85 0.00	26.08 0.86 0.00	33.50 0.75 0.00	34.72 0.98 0.00	39.45 0.85 0.00	40.28 0.75 0.00	41.41 0.57 0.00	42.33 0.54 0.04	42.87 0.47 0.11	44.90 0.36 0.11	48.11 0.43 0.27	52.55 0.68 0.65	52.62 0.63 0.19	57.52 1.02 0.00	59.16 1.16 0.00	56.97 0.95 0.00	56.25 0.67 0.00	48.94 0.68 0.00	42.08 0.62 0.00	37.63 0.63 0.00
BOC_GAS_DRP 24189	30.53 0.66 0.00	27.12 0.76 0.00	24.91 0.73 0.00	24.87 0.75 0.00	25.02 0.73 0.00	25.93 0.71 0.00	33.36 0.62 0.00	34.65 0.91 0.00	39.37 0.77 0.00	40.28 0.75 0.00	41.49 0.65 0.04	42.38 0.59 0.11	42.96 0.55 0.11	44.99 0.45 0.11	48.22 0.53 0.26	52.63 0.74 0.63	52.63 0.63 0.19	57.58 1.07 0.00	59.04 1.04 0.00	56.80 0.78 0.00	55.97 0.39 0.00	48.65 0.39 0.00	41.87 0.41 0.00	37.44 0.44 0.00
BOONVILLE_115KV_TB1 79983	30.35 0.48 0.00	26.78 0.42 0.00	24.58 0.39 0.00	24.48 0.36 0.00	24.75 0.46 0.00	25.81 0.58 0.00	33.53 0.79 0.00	34.75 1.01 0.00	39.64 1.04 0.00	40.44 0.91 0.00	41.70 0.86 0.00	42.62 0.79 0.00	43.32 0.81 0.00	45.59 0.94 0.00	49.10 1.15 0.00	53.79 1.26 0.00	53.76 1.57 0.00	58.37 1.86 0.00	60.32 2.32 0.00	58.20 2.18 0.00	57.64 2.06 0.00	49.95 1.69 0.00	42.70 1.24 0.00	37.85 0.85 0.00
BORALEX_4TH_BRANCH 23824	31.40 1.52 0.00	27.91 1.56 0.00	25.71 1.52 0.00	25.59 1.47 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.25 1.51 0.00	35.56 1.82 0.00	40.26 1.66 0.00	41.19 1.66 0.00	42.27 1.43 0.00	42.99 1.34 0.18	43.24 1.23 0.51	45.29 1.16 0.53	47.95 1.25 1.25	51.15 1.63 3.01	52.86 1.57 0.90	58.71 2.20 0.00	60.20 2.20 0.00	58.04 2.02 0.00	57.14 1.56 0.00	49.61 1.35 0.00	42.74 1.29 0.00	38.26 1.26 0.00
BOWLINE___1 23526	31.43 1.55 0.00	27.91 1.55 0.00	25.59 1.40 0.00	25.55 1.42 0.00	25.80 1.51 0.00	26.69 1.46 0.00	34.41 1.67 0.00	36.07 2.33 0.00	40.95 2.35 0.00	42.02 2.49 0.00	43.00 2.16 0.00	43.81 1.88 -0.10	44.71 1.91 -0.28	47.17 2.23 -0.29	51.08 2.44 -0.69	57.17 2.99 -1.65	55.39 2.71 -0.49	60.12 3.62 0.00	61.54 3.54 0.00	58.65 2.63 0.00	57.64 2.06 0.00	49.90 1.64 0.00	43.12 1.66 0.00	38.59 1.59 0.00
BOWLINE___2 23595	31.43 1.55 0.00	27.91 1.55 0.00	25.59 1.40 0.00	25.55 1.42 0.00	25.80 1.51 0.00	26.69 1.46 0.00	34.41 1.67 0.00	36.07 2.33 0.00	40.95 2.35 0.00	42.02 2.49 0.00	43.00 2.16 0.00	43.81 1.88 -0.10	44.71 1.91 -0.28	47.17 2.23 -0.29	51.08 2.44 -0.69	57.17 2.99 -1.65	55.39 2.71 -0.49	60.12 3.62 0.00	61.54 3.54 0.00	58.65 2.63 0.00	57.64 2.06 0.00	49.90 1.64 0.00	43.12 1.66 0.00	38.59 1.59 0.00
BRADY___115KV_TB2 356060	29.90 0.03 0.00	26.25 -0.11 0.00	24.14 -0.05 0.00	24.05 -0.07 0.00	24.27 -0.02 0.00	25.25 0.03 0.00	33.17 0.43 0.00	33.94 0.20 0.00	39.06 0.46 0.00	39.88 0.36 0.00	41.37 0.53 0.00	42.62 0.79 0.00	43.41 0.89 0.00	45.59 0.94 0.00	48.82 0.86 0.00	53.47 0.95 0.00	53.18 0.99 0.00	57.12 0.62 0.00	58.58 0.58 0.00	56.92 0.90 0.00	57.08 1.50 0.00	49.71 1.45 0.00	42.74 1.29 0.00	38.04 1.04 0.00
BRANSCOMB___SOLAR 323811	31.22 1.35 0.00	27.75 1.40 0.00	25.45 1.26 0.00	25.35 1.23 0.00	25.53 1.24 0.00	26.44 1.21 0.00	33.99 1.24 0.00	35.19 1.45 0.00	40.03 1.43 0.00	40.79 1.26 0.00	41.86 1.02 0.00	42.58 0.84 0.09	43.07 0.81 0.25	45.33 0.94 0.26	48.30 0.96 0.61	52.37 1.31 1.47	53.11 1.35 0.44	58.53 2.03 0.00	60.26 2.26 0.00	58.03 2.01 0.00	57.41 1.83 0.00	49.95 1.69 0.00	42.74 1.29 0.00	38.33 1.33 0.00
BRDGHMPT_69_KV_BK1 55812	41.39 2.84 -8.68	38.29 2.93 -9.01	33.11 2.71 -6.22	31.25 2.75 -4.38	32.83 2.91 -5.62	34.84 2.90 -6.72	38.05 3.08 -2.23	41.44 3.71 -3.99	42.58 3.98 -0.01	43.84 4.31 -0.01	44.97 4.12 -0.01	45.96 4.02 -0.11	46.60 3.78 -0.30	47.75 2.81 -0.29	51.98 3.31 -0.71	58.63 4.36 -1.74	58.70 4.33 -2.17	63.53 5.37 -1.66	64.79 5.16 -1.62	60.38 4.03 -0.32	58.41 2.83 0.00	50.72 2.46 0.00	44.12 2.11 -0.55	40.26 2.81 -0.44

BRENTWOD_69_KV_W. BRTWOOD 56703	41.09 2.39 -8.82	37.88 2.37 -9.15	32.71 2.20 -6.32	30.79 2.22 -4.45	32.34 2.33 -5.72	34.40 2.35 -6.83	37.66 2.65 -2.26	41.03 3.24 -4.05	41.97 3.36 -0.01	43.13 3.60 -0.01	44.24 3.39 -0.01	45.25 3.30 -0.11	45.83 3.02 -0.30	46.82 1.88 -0.29	50.78 2.11 -0.71	57.26 2.99 -1.74	57.58 2.92 -2.47	62.02 3.56 -1.96	63.40 3.48 -1.92	59.20 2.80 -0.38	57.64 2.06 0.00	50.24 1.98 0.00	43.98 1.87 -0.66	39.89 2.37 -0.52
BRISTLHL_115KV_TB1 79998	29.49 -0.39 0.00	26.04 -0.32 0.00	23.87 -0.31 0.00	23.78 -0.34 0.00	23.93 -0.36 0.00	24.90 -0.33 0.00	32.22 -0.52 0.00	33.24 -0.51 0.00	37.86 -0.73 0.00	38.82 -0.71 0.00	40.02 -0.82 0.00	40.87 -0.96 0.00	41.58 -0.94 0.00	43.67 -0.98 0.00	46.99 -0.96 0.00	51.26 -1.26 0.00	50.99 -1.20 0.00	55.54 -0.96 0.00	57.30 -0.70 0.00	55.23 -0.78 0.00	54.52 -1.06 0.00	47.34 -0.92 0.00	40.59 -0.87 0.00	36.19 -0.81 0.00
BROOKHAVEN___DRP 24191	40.61 2.06 -8.68	37.57 2.21 -9.00	32.43 2.03 -6.21	30.55 2.05 -4.38	32.12 2.21 -5.62	34.13 2.19 -6.71	37.19 2.23 -2.22	40.49 2.77 -3.98	41.42 2.82 -0.01	42.58 3.04 -0.01	43.66 2.82 -0.01	44.66 2.72 -0.11	45.28 2.47 -0.30	46.28 1.34 -0.29	50.25 1.58 -0.71	56.68 2.42 -1.74	56.76 2.40 -2.17	61.38 3.22 -1.65	62.75 3.13 -1.62	58.75 2.41 -0.32	57.14 1.56 0.00	49.66 1.40 0.00	43.37 1.37 -0.55	39.40 1.96 -0.44
BROOKLYN_NAVY_YARD 23515	31.70 1.82 0.00	28.12 1.77 0.00	25.78 1.60 0.00	25.74 1.62 0.00	25.99 1.70 0.00	26.89 1.66 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.41 2.82 0.00	42.57 3.04 0.00	43.57 2.74 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.73 2.77 -0.30	51.70 3.02 -0.72	57.83 3.57 -1.73	55.89 3.18 -0.52	60.74 4.24 0.00	62.06 4.06 0.00	59.10 3.08 0.00	58.02 2.44 0.00	50.14 1.88 0.00	43.49 2.03 0.00	38.92 1.92 0.00
BROOKLYN___ARMY_DRP 323595	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
BROOME_2_LFGE 323671	30.38 0.51 0.00	26.83 0.47 0.00	24.57 0.39 0.00	24.48 0.36 0.00	24.65 0.36 0.00	25.68 0.45 0.00	33.10 0.36 0.00	34.55 0.81 0.00	39.21 0.62 0.00	40.16 0.63 0.00	41.45 0.61 0.00	42.41 0.59 0.00	43.15 0.64 0.00	45.28 0.62 0.00	48.62 0.67 0.00	53.00 0.47 0.00	52.77 0.47 0.00	57.69 1.19 0.00	59.57 1.57 0.00	57.20 1.18 0.00	56.30 0.72 0.00	48.94 0.68 0.00	41.83 0.37 0.00	37.26 0.26 0.00
BROOME___LFGE 323600	30.38 0.51 0.00	26.83 0.47 0.00	24.57 0.39 0.00	24.48 0.36 0.00	24.65 0.36 0.00	25.68 0.45 0.00	33.10 0.36 0.00	34.55 0.81 0.00	39.21 0.62 0.00	40.16 0.63 0.00	41.45 0.61 0.00	42.41 0.59 0.00	43.15 0.64 0.00	45.28 0.62 0.00	48.62 0.67 0.00	53.00 0.47 0.00	52.77 0.47 0.00	57.69 1.19 0.00	59.57 1.57 0.00	57.20 1.18 0.00	56.30 0.72 0.00	48.94 0.68 0.00	41.83 0.37 0.00	37.26 0.26 0.00
BROWNFLS_115KV_TB_3_5 80003	29.87 0.00 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.05 -0.07 0.00	24.31 0.02 0.00	25.35 0.13 0.00	33.17 0.43 0.00	34.18 0.44 0.00	39.22 0.62 0.00	39.96 0.43 0.00	41.33 0.49 0.00	42.46 0.63 0.00	43.15 0.64 0.00	45.41 0.76 0.00	48.72 0.77 0.00	53.36 0.84 0.00	53.29 1.10 0.00	57.46 0.96 0.00	59.16 1.16 0.00	57.31 1.29 0.00	57.14 1.56 0.00	49.66 1.40 0.00	42.62 1.16 0.00	37.78 0.78 0.00
BROWNSV1_27_KV_LOAD 356125	32.00 2.12 0.00	28.39 2.03 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.17 1.94 0.00	35.07 2.32 0.00	36.78 3.04 0.00	41.80 3.20 0.00	42.97 3.44 0.00	44.19 3.35 0.00	45.24 3.30 -0.10	45.99 3.19 -0.29	48.13 3.17 -0.30	52.03 3.36 -0.72	58.25 3.99 -1.73	56.41 3.71 -0.52	61.14 4.63 0.00	62.47 4.47 0.00	59.72 3.70 0.00	58.47 2.89 0.00	50.53 2.27 0.00	43.90 2.45 0.00	39.29 2.29 0.00
BURROWS___LYONSDAL 23803	30.20 0.33 0.00	26.65 0.29 0.00	24.45 0.27 0.00	24.39 0.27 0.00	24.65 0.36 0.00	25.73 0.50 0.00	33.46 0.72 0.00	34.65 0.91 0.00	39.52 0.93 0.00	40.32 0.79 0.00	41.57 0.74 0.00	42.54 0.71 0.00	43.19 0.68 0.00	45.46 0.80 0.00	49.01 1.05 0.00	53.68 1.16 0.00	53.65 1.46 0.00	58.31 1.81 0.00	60.26 2.26 0.00	58.20 2.18 0.00	57.69 2.11 0.00	49.90 1.64 0.00	42.62 1.16 0.00	37.78 0.78 0.00
CAITHNESS_CC_1 323624	40.58 2.03 -8.67	37.52 2.16 -9.00	32.40 2.01 -6.21	30.52 2.03 -4.37	32.07 2.16 -5.62	34.06 2.12 -6.71	37.19 2.23 -2.22	40.49 2.77 -3.98	41.42 2.82 -0.01	42.58 3.04 -0.01	43.34 2.49 -0.01	42.53 0.59 -0.11	43.36 0.55 -0.30	46.33 1.39 -0.29	50.39 1.72 -0.71	56.74 2.47 -1.74	56.70 2.35 -2.16	61.42 3.28 -1.65	62.80 3.19 -1.61	58.69 2.35 -0.32	57.24 1.67 0.00	49.76 1.50 0.00	43.41 1.41 -0.55	39.44 2.00 -0.44
CALPINE BETH_PAGE_GT4 24209	42.77 2.09 -10.81	39.63 2.06 -11.21	33.81 1.89 -7.74	31.48 1.91 -5.45	33.31 2.02 -7.00	35.61 2.02 -8.37	37.81 2.29 -2.77	41.51 2.80 -4.96	41.39 2.78 -0.01	42.50 2.96 -0.01	43.54 2.70 -0.01	44.58 2.64 -0.12	45.28 2.47 -0.30	46.64 1.70 -0.29	50.59 1.92 -0.72	56.95 2.68 -1.74	61.08 2.45 -6.43	65.71 3.28 -5.93	66.93 3.13 -5.80	59.62 2.46 -1.14	57.36 1.78 0.00	49.76 1.50 0.00	45.15 1.62 -2.08	40.45 1.81 -1.63
CALPINE_BETH_PAGE_GT_4 323586	42.77 2.09 -10.81	39.63 2.06 -11.21	33.82 1.89 -7.74	31.48 1.91 -5.45	33.31 2.01 -7.00	35.58 1.99 -8.37	37.80 2.29 -2.77	41.50 2.80 -4.96	41.39 2.78 -0.01	42.50 2.97 -0.01	43.34 2.49 -0.01	42.99 1.05 -0.12	43.83 1.02 -0.30	46.73 1.79 -0.29	50.73 2.06 -0.72	57.05 2.78 -1.74	61.13 2.51 -6.43	65.88 3.45 -5.93	67.10 3.30 -5.80	59.68 2.52 -1.14	57.52 1.94 0.00	49.85 1.59 0.00	45.20 1.66 -2.08	40.44 1.81 -1.63
CALPINE_BP_GT1 23823	42.77 2.09 -10.81	39.63 2.06 -11.21	33.82 1.89 -7.74	31.48 1.91 -5.45	33.31 2.01 -7.00	35.58 1.99 -8.37	37.80 2.29 -2.77	41.50 2.80 -4.96	41.39 2.78 -0.01	42.50 2.97 -0.01	43.34 2.49 -0.01	42.99 1.05 -0.12	43.83 1.02 -0.30	46.73 1.79 -0.29	50.73 2.06 -0.72	57.05 2.78 -1.74	61.13 2.51 -6.43	65.88 3.45 -5.93	67.10 3.30 -5.80	59.68 2.52 -1.14	57.52 1.94 0.00	49.85 1.59 0.00	45.20 1.66 -2.08	40.44 1.81 -1.63
CALSPAN___DRP 24200	30.50 0.63 0.00	26.70 0.34 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.34 0.05 0.00	25.40 0.18 0.00	32.42 -0.33 0.00	34.15 0.40 0.00	38.56 -0.04 0.00	39.57 0.04 0.00	40.47 -0.37 0.00	41.12 -0.71 0.00	42.05 -0.47 0.00	44.56 -0.09 0.00	48.00 0.05 0.00	51.32 -1.21 0.00	51.25 -0.94 0.00	56.45 -0.06 0.00	58.81 0.81 0.00	56.52 0.50 0.00	54.97 -0.61 0.00	47.83 -0.43 0.00	40.71 -0.75 0.00	36.67 -0.33 0.00

CALVERTON___SOLAR 323806	40.64 2.09 -8.68	37.63 2.27 -9.00	32.48 2.08 -6.21	30.62 2.12 -4.38	32.19 2.28 -5.62	34.16 2.22 -6.72	37.26 2.29 -2.22	40.56 2.83 -3.99	41.50 2.90 -0.01	42.66 3.12 -0.01	43.42 2.57 -0.01	42.57 0.63 -0.11	43.45 0.64 -0.30	46.46 1.52 -0.29	50.54 1.87 -0.71	56.94 2.68 -1.74	56.97 2.61 -2.17	61.78 3.62 -1.65	63.16 3.54 -1.62	58.97 2.63 -0.32	57.41 1.83 0.00	49.90 1.64 0.00	43.46 1.45 -0.55	39.51 2.07 -0.44
CANDIGU_WT_PWR 323617	30.26 0.39 0.00	26.62 0.26 0.00	24.38 0.19 0.00	24.24 0.12 0.00	24.41 0.12 0.00	25.60 0.38 0.00	32.78 0.03 0.00	34.35 0.61 0.00	38.75 0.16 0.00	39.69 0.16 0.00	41.04 0.21 0.00	42.25 0.42 0.00	43.03 0.51 0.00	44.79 0.13 0.00	48.15 0.19 0.00	52.00 -0.53 0.00	52.03 -0.16 0.00	57.07 0.56 0.00	59.33 1.34 0.00	57.14 1.12 0.00	56.02 0.44 0.00	48.70 0.43 0.00	41.33 -0.12 0.00	36.85 -0.15 0.00
CARR STREET_E_SYR 24060	29.87 0.00 0.00	26.38 0.03 0.00	24.19 0.00 0.00	24.07 -0.05 0.00	24.24 -0.05 0.00	25.25 0.03 0.00	32.61 -0.13 0.00	33.74 0.00 0.00	38.44 -0.15 0.00	39.41 -0.12 0.00	40.76 -0.08 0.00	41.70 -0.13 0.00	42.39 -0.13 0.00	44.52 -0.13 0.00	47.86 -0.10 0.00	52.16 -0.37 0.00	51.93 -0.26 0.00	56.56 0.06 0.00	58.35 0.35 0.00	56.13 0.11 0.00	55.41 -0.17 0.00	48.12 -0.14 0.00	41.17 -0.29 0.00	36.67 -0.33 0.00
CARTHAGE___PAPER 23857	30.20 0.33 0.00	26.62 0.26 0.00	24.43 0.24 0.00	24.31 0.19 0.00	24.65 0.36 0.00	25.76 0.53 0.00	33.59 0.85 0.00	34.72 0.98 0.00	39.60 1.00 0.00	40.24 0.71 0.00	41.53 0.69 0.00	42.54 0.71 0.00	43.19 0.68 0.00	45.32 0.67 0.00	48.82 0.86 0.00	53.47 0.95 0.00	53.54 1.35 0.00	58.14 1.64 0.00	60.38 2.38 0.00	58.48 2.46 0.00	58.14 2.56 0.00	50.34 2.07 0.00	43.03 1.57 0.00	38.00 1.00 0.00
CASSADAGA_WT_PWR 323784	30.50 0.63 0.00	26.73 0.37 0.00	24.45 0.27 0.00	24.27 0.15 0.00	24.51 0.22 0.00	25.83 0.60 0.00	32.94 0.20 0.00	34.92 1.18 0.00	39.49 0.89 0.00	40.52 0.99 0.00	42.18 1.35 0.00	44.13 2.30 0.00	44.89 2.38 0.00	46.31 1.65 0.00	49.63 1.68 0.00	53.05 0.53 0.00	52.87 0.68 0.00	57.97 1.47 0.00	60.38 2.38 0.00	57.76 1.74 0.00	55.91 0.34 0.00	48.50 0.24 0.00	41.04 -0.41 0.00	36.37 -0.63 0.00
CE_DUNWOOD___DRP 24194	31.61 1.73 0.00	28.04 1.69 0.00	25.74 1.55 0.00	25.69 1.57 0.00	25.92 1.63 0.00	26.87 1.64 0.00	34.61 1.87 0.00	36.27 2.53 0.00	41.18 2.59 0.00	42.25 2.73 0.00	43.45 2.61 0.00	44.48 2.55 -0.10	45.27 2.47 -0.29	47.37 2.41 -0.30	51.26 2.59 -0.72	57.41 3.15 -1.73	55.68 2.97 -0.51	60.29 3.79 0.00	61.65 3.65 0.00	58.93 2.91 0.00	57.75 2.17 0.00	49.95 1.69 0.00	43.28 1.82 0.00	38.78 1.78 0.00
CE_MILLWOOD___DRP 24193	31.55 1.67 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.64 1.52 0.00	25.87 1.58 0.00	26.81 1.59 0.00	34.54 1.80 0.00	36.17 2.43 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.37 2.53 0.00	44.40 2.47 -0.10	45.14 2.34 -0.29	47.28 2.32 -0.30	51.16 2.49 -0.72	57.29 3.05 -1.72	55.57 2.87 -0.51	60.17 3.67 0.00	61.54 3.54 0.00	58.82 2.80 0.00	57.69 2.11 0.00	49.90 1.64 0.00	43.20 1.74 0.00	38.70 1.70 0.00
CE_NYC2_DRP 24202	31.91 2.03 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.14 1.85 0.00	27.04 1.82 0.00	34.87 2.13 0.00	36.58 2.83 0.00	41.53 2.93 0.00	42.65 3.12 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.62 3.36 -1.73	55.67 2.97 -0.51	60.34 3.84 0.00	61.65 3.65 0.01	58.87 2.86 0.01	57.63 2.06 0.01	49.95 1.69 0.00	43.57 2.11 0.00	39.11 2.11 0.00
CE_NYC_DRP 24195	31.79 1.91 0.00	28.20 1.84 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.65 3.12 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.78 3.52 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.57 2.11 0.00	39.04 2.04 0.00
CHAFFEE___LFGE 323603	30.53 0.66 0.00	26.75 0.40 0.00	24.43 0.24 0.00	24.22 0.10 0.00	24.39 0.10 0.00	25.63 0.40 0.00	32.48 -0.26 0.00	34.25 0.51 0.00	38.68 0.08 0.00	39.57 0.04 0.00	41.20 0.37 0.00	42.79 0.96 0.00	43.58 1.06 0.00	45.01 0.36 0.00	48.29 0.34 0.00	51.68 -0.84 0.00	51.93 -0.26 0.00	56.84 0.34 0.00	59.22 1.22 0.00	56.80 0.78 0.00	55.30 -0.28 0.00	48.21 -0.05 0.00	41.04 -0.41 0.00	36.78 -0.22 0.00
CHATEAUG_35_KV_LOAD 355732	29.28 -0.60 0.00	25.70 -0.66 0.00	23.61 -0.58 0.00	23.54 -0.58 0.00	23.76 -0.53 0.00	24.72 -0.50 0.00	32.48 -0.26 0.00	33.30 -0.44 0.00	38.41 -0.19 0.00	39.33 -0.20 0.00	40.92 0.08 0.00	42.16 0.33 0.00	42.94 0.43 0.00	45.14 0.49 0.00	48.38 0.43 0.00	53.10 0.58 0.00	52.87 0.68 0.00	56.73 0.23 0.00	58.23 0.23 0.00	56.52 0.50 0.00	56.58 1.00 0.00	49.13 0.87 0.00	42.20 0.75 0.00	37.52 0.52 0.00
CHATEAUG_WT_PWR 323614	29.31 -0.57 0.00	25.72 -0.63 0.00	23.63 -0.56 0.00	23.57 -0.55 0.00	23.78 -0.51 0.00	24.72 -0.50 0.00	32.48 -0.26 0.00	33.34 -0.40 0.00	38.44 -0.15 0.00	39.41 -0.12 0.00	40.92 0.08 0.00	42.16 0.33 0.00	42.68 0.17 0.00	44.65 0.00 0.00	47.86 -0.10 0.00	52.58 0.05 0.00	52.29 0.10 0.00	56.11 -0.39 0.00	57.60 -0.40 0.00	55.91 -0.11 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.87 0.41 0.00	37.48 0.48 0.00
CHAT_HIGH_FALL_HYD 323578	29.28 -0.60 0.00	25.70 -0.66 0.00	23.61 -0.58 0.00	23.54 -0.58 0.00	23.76 -0.53 0.00	24.72 -0.50 0.00	32.48 -0.26 0.00	33.30 -0.44 0.00	38.41 -0.19 0.00	39.33 -0.20 0.00	40.92 0.08 0.00	42.16 0.33 0.00	42.94 0.43 0.00	45.14 0.49 0.00	48.38 0.43 0.00	53.10 0.58 0.00	52.87 0.68 0.00	56.73 0.23 0.00	58.23 0.23 0.00	56.52 0.50 0.00	56.58 1.00 0.00	49.13 0.87 0.00	42.20 0.75 0.00	37.52 0.52 0.00
CHAUTAUQUA___LFGE 323629	30.59 0.72 0.00	26.78 0.42 0.00	24.48 0.29 0.00	24.29 0.17 0.00	24.48 0.19 0.00	25.78 0.55 0.00	32.74 0.00 0.00	34.59 0.84 0.00	39.10 0.50 0.00	40.08 0.55 0.00	41.74 0.90 0.00	43.50 1.67 0.00	44.26 1.74 0.00	45.72 1.07 0.00	48.96 1.01 0.00	52.37 -0.16 0.00	52.40 0.21 0.00	57.40 0.90 0.00	59.80 1.80 0.00	57.36 1.34 0.00	55.63 0.06 0.00	48.36 0.10 0.00	41.04 -0.41 0.00	36.63 -0.37 0.00
CHERRYST_13_KV_LD 356241	31.88 2.00 0.00	28.28 1.92 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.14 1.85 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.68 2.94 0.00	41.69 3.09 0.00	42.85 3.32 0.00	44.06 3.23 0.00	45.11 3.18 -0.10	45.87 3.06 -0.29	47.99 3.04 -0.30	51.89 3.21 -0.72	58.04 3.78 -1.73	56.20 3.50 -0.52	60.91 4.41 0.00	62.18 4.18 0.00	59.38 3.36 0.00	58.19 2.61 0.00	50.29 2.03 0.00	43.70 2.24 0.00	39.15 2.15 0.00

CHESTROR_138KV_BK263 355645	31.28 1.40 0.00	27.75 1.40 0.00	25.47 1.28 0.00	25.43 1.30 0.00	25.63 1.34 0.00	26.56 1.34 0.00	34.22 1.47 0.00	35.80 2.06 0.00	40.64 2.05 0.00	41.70 2.17 0.00	42.88 2.04 0.00	43.89 1.97 -0.09	44.68 1.91 -0.26	46.80 1.88 -0.27	50.61 2.01 -0.64	56.58 2.52 -1.53	54.99 2.35 -0.46	59.61 3.11 0.00	61.07 3.07 0.00	58.37 2.35 0.00	57.36 1.78 0.00	49.66 1.40 0.00	42.91 1.45 0.00	38.37 1.37 0.00
CH_MIDHUDSON___DRP 24192	31.40 1.52 0.00	27.89 1.53 0.00	25.62 1.43 0.00	25.55 1.42 0.00	25.77 1.48 0.00	26.71 1.49 0.00	34.38 1.64 0.00	35.93 2.19 0.00	40.84 2.24 0.00	41.86 2.33 0.00	43.00 2.16 0.00	44.04 2.13 -0.08	44.81 2.08 -0.22	46.93 2.05 -0.23	50.65 2.16 -0.54	56.55 2.73 -1.29	55.18 2.61 -0.38	59.84 3.33 0.00	61.31 3.31 0.00	58.65 2.63 0.00	57.64 2.06 0.00	49.85 1.59 0.00	43.07 1.62 0.00	38.55 1.55 0.00
CH_MISC_IPPS 23765	31.52 1.64 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.62 1.50 0.00	25.85 1.56 0.00	26.79 1.56 0.00	34.54 1.80 0.00	36.14 2.40 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.08 2.24 0.00	43.92 2.01 -0.08	44.87 2.12 -0.24	47.35 2.45 -0.25	51.17 2.64 -0.58	57.18 3.26 -1.40	55.69 3.08 -0.42	60.51 4.01 0.00	62.00 4.00 0.00	59.15 3.14 0.00	58.19 2.61 0.00	50.34 2.07 0.00	43.41 1.95 0.00	38.78 1.78 0.00
CH_RES_BVR_FALLS 23983	29.46 -0.42 0.00	25.99 -0.37 0.00	23.85 -0.34 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.95 -0.28 0.00	32.51 -0.23 0.00	33.47 -0.27 0.00	38.44 -0.15 0.00	39.37 -0.16 0.00	40.72 -0.12 0.00	41.79 -0.04 0.00	42.43 -0.08 0.00	44.56 -0.09 0.00	47.86 -0.10 0.00	52.42 -0.10 0.00	52.14 -0.05 0.00	56.28 -0.23 0.00	57.71 -0.29 0.00	55.85 -0.17 0.00	55.52 -0.06 0.00	48.17 -0.10 0.00	41.37 -0.08 0.00	36.89 -0.11 0.00
CH_RES_NIAGARA 23895	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.66 0.00	24.62 -0.61 0.00	31.37 -1.38 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.95 -1.58 0.00	38.71 -2.12 0.00	39.49 -2.34 0.00	40.34 -2.17 0.00	42.73 -1.92 0.00	45.99 -1.97 0.00	49.06 -3.47 0.00	48.95 -3.24 0.00	53.96 -2.54 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.74 -2.83 0.00	45.90 -2.36 0.00	39.22 -2.24 0.00	35.52 -1.48 0.00
CH_RES_SYRACUSE 23985	30.05 0.18 0.00	26.52 0.16 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.38 0.15 0.00	32.81 0.07 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.61 0.08 0.00	40.96 0.12 0.00	41.91 0.08 0.00	42.60 0.09 0.00	44.74 0.09 0.00	48.10 0.14 0.00	52.42 -0.10 0.00	52.14 -0.05 0.00	56.84 0.34 0.00	58.70 0.70 0.00	56.46 0.45 0.00	55.75 0.17 0.00	48.41 0.15 0.00	41.42 -0.04 0.00	36.89 -0.11 0.00
CLINTON_WT_PWR 323605	29.31 -0.57 0.00	25.72 -0.63 0.00	23.63 -0.56 0.00	23.57 -0.55 0.00	23.78 -0.51 0.00	24.72 -0.50 0.00	32.48 -0.26 0.00	33.34 -0.40 0.00	38.44 -0.15 0.00	39.41 -0.12 0.00	40.92 0.08 0.00	42.16 0.33 0.00	42.68 0.17 0.00	44.65 0.00 0.00	47.86 -0.10 0.00	52.58 0.05 0.00	52.29 0.10 0.00	56.11 -0.39 0.00	57.60 -0.40 0.00	55.91 -0.11 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.87 0.41 0.00	37.48 0.48 0.00
CLINTON___LFGE 323618	29.67 -0.21 0.00	26.04 -0.32 0.00	23.95 -0.24 0.00	23.86 -0.26 0.00	24.07 -0.22 0.00	25.05 -0.18 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.02 0.43 0.00	39.96 0.44 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.19 0.68 0.00	45.05 0.40 0.00	48.29 0.34 0.00	53.05 0.53 0.00	52.82 0.63 0.00	56.73 0.23 0.00	58.23 0.23 0.00	56.58 0.56 0.00	56.47 0.89 0.00	48.99 0.73 0.00	42.41 0.95 0.00	38.04 1.03 0.00
COBBLENY_34_KV_TB1 80064	30.53 0.66 0.00	26.75 0.40 0.00	24.43 0.24 0.00	24.22 0.10 0.00	24.39 0.10 0.00	25.43 0.20 0.00	32.48 -0.26 0.00	34.25 0.51 0.00	38.68 0.08 0.00	39.69 0.16 0.00	40.59 -0.25 0.00	41.24 -0.59 0.00	42.22 -0.30 0.00	44.74 0.09 0.00	48.19 0.24 0.00	51.53 -1.00 0.00	51.51 -0.68 0.00	56.73 0.23 0.00	59.16 1.16 0.00	56.80 0.78 0.00	55.19 -0.39 0.00	48.02 -0.24 0.00	40.84 -0.62 0.00	36.78 -0.22 0.00
COFFEEN___115KV_TB3 355620	30.65 0.78 0.00	27.04 0.69 0.00	24.79 0.60 0.00	24.65 0.53 0.00	24.99 0.70 0.00	26.16 0.93 0.00	34.05 1.31 0.00	35.23 1.48 0.00	40.10 1.51 0.00	40.71 1.19 0.00	41.90 1.06 0.00	42.83 1.00 0.00	43.53 1.02 0.00	45.72 1.07 0.00	49.15 1.20 0.00	53.79 1.26 0.00	54.02 1.83 0.00	58.82 2.32 0.00	61.36 3.36 0.00	59.49 3.47 0.00	59.02 3.45 0.00	51.21 2.94 0.00	43.61 2.16 0.00	38.48 1.48 0.00
COLDSPRG_115KV_BK1 355956	30.74 0.87 0.00	26.94 0.58 0.00	24.65 0.46 0.00	24.46 0.34 0.00	24.65 0.36 0.00	25.81 0.58 0.00	33.17 0.43 0.00	35.19 1.45 0.00	39.76 1.16 0.00	40.79 1.26 0.00	41.78 0.94 0.00	42.75 0.92 0.00	43.75 1.23 0.00	46.35 1.70 0.00	49.92 1.97 0.00	53.31 0.79 0.00	52.66 0.47 0.00	57.97 1.47 0.00	60.38 2.38 0.00	57.81 1.79 0.00	56.02 0.44 0.00	48.74 0.48 0.00	41.25 -0.21 0.00	37.00 0.00 0.00
COLONIE_LFGE___ 323577	31.01 1.13 0.00	27.54 1.19 0.00	25.30 1.11 0.00	25.23 1.11 0.00	25.41 1.12 0.00	26.31 1.08 0.00	33.82 1.08 0.00	35.09 1.35 0.00	39.83 1.23 0.00	40.71 1.18 0.00	41.78 0.94 0.00	42.48 0.75 0.11	42.99 0.77 0.29	45.24 0.89 0.31	48.18 0.96 0.73	52.09 1.31 1.75	52.87 1.20 0.52	58.36 1.86 0.00	59.91 1.91 0.00	57.64 1.63 0.00	56.86 1.28 0.00	49.42 1.16 0.00	42.45 0.99 0.00	37.96 0.96 0.00
COOPERNY_115KV_TB1 80082	31.07 1.19 0.00	27.57 1.21 0.00	25.28 1.09 0.00	25.23 1.11 0.00	25.43 1.14 0.00	26.39 1.16 0.00	33.99 1.24 0.00	35.50 1.75 0.00	40.34 1.74 0.00	41.35 1.82 0.00	42.55 1.72 0.00	43.53 1.63 -0.07	44.29 1.57 -0.20	46.43 1.56 -0.21	50.13 1.68 -0.50	55.77 2.05 -1.20	54.48 1.93 -0.36	59.10 2.60 0.00	60.61 2.61 0.00	58.04 2.02 0.00	57.02 1.45 0.00	49.42 1.16 0.00	42.66 1.20 0.00	38.15 1.15 0.00
COPENHAGEN_WT_PWR 323753	30.41 0.54 0.00	26.83 0.47 0.00	24.60 0.41 0.00	24.48 0.36 0.00	24.80 0.51 0.00	25.93 0.71 0.00	33.69 0.95 0.00	34.85 1.11 0.00	39.72 1.12 0.00	40.36 0.83 0.00	41.65 0.82 0.00	42.62 0.79 0.00	43.32 0.81 0.00	45.41 0.76 0.00	48.82 0.86 0.00	53.42 0.89 0.00	53.54 1.35 0.00	58.26 1.75 0.00	60.55 2.55 0.00	58.65 2.63 0.00	58.19 2.61 0.00	50.48 2.22 0.00	43.07 1.62 0.00	38.07 1.07 0.00
CORNELL_____ 23752	30.62 0.75 0.00	27.04 0.69 0.00	24.77 0.58 0.00	24.68 0.55 0.00	24.82 0.53 0.00	25.88 0.66 0.00	33.50 0.75 0.00	34.82 1.08 0.00	39.56 0.96 0.00	40.52 0.99 0.00	41.65 0.82 0.00	42.41 0.59 0.00	43.15 0.64 0.00	45.50 0.85 0.00	48.96 1.01 0.00	53.36 0.84 0.00	53.18 0.99 0.00	58.25 1.75 0.00	60.38 2.38 0.00	58.20 2.18 0.00	57.36 1.78 0.00	49.76 1.50 0.00	42.41 0.95 0.00	37.74 0.74 0.00

CORONA V_69_KV_TB1 355595	47.52 2.09 -15.56	44.55 2.06 -16.14	37.22 1.89 -11.14	33.88 1.91 -7.85	36.34 1.97 -10.08	39.26 1.99 -12.04	39.02 2.29 -3.99	43.79 2.90 -7.15	41.62 3.01 -0.02	42.74 3.20 -0.02	43.83 2.98 -0.02	44.88 2.93 -0.12	45.63 2.81 -0.31	47.27 2.32 -0.30	51.21 2.54 -0.72	57.63 3.36 -1.75	81.88 3.03 -26.67	86.60 3.90 -26.20	87.39 3.77 -25.63	64.16 3.14 -5.00	58.14 2.56 0.00	50.39 2.12 0.00	52.04 2.24 -8.34	45.60 2.11 -6.49
CORTLAND_115KV_TB3 80093	30.41 0.54 0.00	26.86 0.50 0.00	24.62 0.44 0.00	24.51 0.39 0.00	24.68 0.39 0.00	25.70 0.48 0.00	33.23 0.49 0.00	34.55 0.81 0.00	39.25 0.66 0.00	40.20 0.67 0.00	41.41 0.57 0.00	42.20 0.38 0.00	42.94 0.43 0.00	45.23 0.58 0.00	48.62 0.67 0.00	53.05 0.53 0.00	52.82 0.63 0.00	57.69 1.19 0.00	59.68 1.68 0.00	57.48 1.46 0.00	56.63 1.06 0.00	49.18 0.92 0.00	42.04 0.58 0.00	37.41 0.41 0.00
COXSACKIE__GT 23611	31.31 1.43 0.00	27.81 1.45 0.00	25.47 1.28 0.00	25.40 1.28 0.00	25.55 1.26 0.00	26.61 1.39 0.00	34.28 1.54 0.00	35.56 1.82 0.00	40.26 1.66 0.00	40.95 1.42 0.00	41.78 0.94 0.00	42.60 0.79 0.02	43.38 0.93 0.07	45.92 1.34 0.07	49.22 1.44 0.17	54.06 1.94 0.41	54.10 2.03 0.12	59.21 2.71 0.00	61.36 3.36 0.00	58.99 2.97 0.00	58.52 2.94 0.00	50.72 2.46 0.00	43.36 1.91 0.00	38.55 1.55 0.00
CPV_VALLEY__CC1 323721	31.10 1.23 0.00	27.60 1.24 0.00	25.33 1.14 0.00	25.28 1.16 0.00	25.48 1.19 0.00	26.39 1.16 0.00	34.02 1.28 0.00	35.56 1.82 0.00	40.41 1.81 0.00	41.42 1.90 0.00	42.47 1.64 0.00	43.25 1.34 -0.09	44.15 1.40 -0.24	46.55 1.65 -0.25	50.36 1.82 -0.59	56.20 2.26 -1.41	54.64 2.03 -0.42	59.33 2.82 0.00	60.78 2.78 0.00	58.03 2.01 0.00	57.08 1.50 0.00	49.42 1.16 0.00	42.66 1.20 0.00	38.15 1.15 0.00
CPV_VALLEY__CC2 323722	31.10 1.23 0.00	27.60 1.24 0.00	25.33 1.14 0.00	25.28 1.16 0.00	25.48 1.19 0.00	26.39 1.16 0.00	34.02 1.28 0.00	35.56 1.82 0.00	40.41 1.81 0.00	41.42 1.90 0.00	42.47 1.64 0.00	43.25 1.34 -0.09	44.15 1.40 -0.24	46.55 1.65 -0.25	50.36 1.82 -0.59	56.20 2.26 -1.41	54.64 2.03 -0.42	59.33 2.82 0.00	60.78 2.78 0.00	58.03 2.01 0.00	57.08 1.50 0.00	49.42 1.16 0.00	42.66 1.20 0.00	38.15 1.15 0.00
CRESCENT__HYD 24018	31.01 1.13 0.00	27.54 1.19 0.00	25.30 1.11 0.00	25.23 1.11 0.00	25.41 1.12 0.00	26.31 1.08 0.00	33.82 1.08 0.00	35.09 1.35 0.00	39.83 1.23 0.00	40.71 1.18 0.00	41.78 0.94 0.00	42.48 0.75 0.11	42.99 0.77 0.29	45.24 0.89 0.31	48.18 0.96 0.73	52.09 1.31 1.75	52.87 1.20 0.52	58.36 1.86 0.00	59.91 1.91 0.00	57.64 1.63 0.00	56.86 1.28 0.00	49.42 1.16 0.00	42.45 0.99 0.00	37.96 0.96 0.00
CRICKET__VALLEY_CC1 323756	31.19 1.31 0.00	27.73 1.37 0.00	25.49 1.31 0.00	25.42 1.30 0.00	25.65 1.36 0.00	26.46 1.24 0.00	34.02 1.28 0.00	35.49 1.75 0.00	40.29 1.70 0.00	41.31 1.78 0.00	42.27 1.43 0.00	41.74 1.09 1.18	40.33 1.10 3.28	42.56 1.34 3.43	41.30 1.49 8.14	34.93 1.94 19.54	48.09 1.72 5.82	58.99 2.48 0.00	60.38 2.38 0.00	57.81 1.79 0.00	56.86 1.28 0.00	49.23 0.96 0.00	42.49 1.04 0.00	38.04 1.03 0.00
CRICKET__VALLEY_CC2 323757	31.19 1.31 0.00	27.73 1.37 0.00	25.49 1.31 0.00	25.42 1.30 0.00	25.65 1.36 0.00	26.46 1.24 0.00	34.02 1.28 0.00	35.49 1.75 0.00	40.29 1.70 0.00	41.31 1.78 0.00	42.27 1.43 0.00	41.74 1.09 1.18	40.33 1.10 3.28	42.56 1.34 3.43	41.30 1.49 8.14	34.93 1.94 19.54	48.09 1.72 5.82	58.99 2.48 0.00	60.38 2.38 0.00	57.81 1.79 0.00	56.86 1.28 0.00	49.23 0.96 0.00	42.49 1.04 0.00	38.04 1.03 0.00
CRICKET__VALLEY_CC3 323758	31.19 1.31 0.00	27.73 1.37 0.00	25.49 1.31 0.00	25.42 1.30 0.00	25.65 1.36 0.00	26.46 1.24 0.00	34.02 1.28 0.00	35.49 1.75 0.00	40.29 1.70 0.00	41.31 1.78 0.00	42.27 1.43 0.00	41.74 1.09 1.18	40.33 1.10 3.28	42.56 1.34 3.43	41.30 1.49 8.14	34.93 1.94 19.54	48.09 1.72 5.82	58.99 2.48 0.00	60.38 2.38 0.00	57.81 1.79 0.00	56.86 1.28 0.00	49.23 0.96 0.00	42.49 1.04 0.00	38.04 1.03 0.00
CRUCIBLE_METL_DRP 24180	30.05 0.18 0.00	26.51 0.16 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.35 0.13 0.00	32.81 0.07 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.88 0.04 0.00	41.70 -0.13 0.00	42.43 -0.09 0.00	44.65 0.00 0.00	48.05 0.10 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.37 -0.08 0.00	36.89 -0.11 0.00
DAHOWA__HYDRO 323763	31.25 1.37 0.00	27.81 1.45 0.00	25.47 1.28 0.00	25.40 1.28 0.00	25.55 1.26 0.00	26.46 1.24 0.00	34.02 1.28 0.00	35.22 1.48 0.00	40.06 1.47 0.00	40.79 1.26 0.00	41.86 1.02 0.00	42.62 0.88 0.09	43.13 0.85 0.24	45.34 0.94 0.25	48.37 1.01 0.59	52.48 1.36 1.41	53.18 1.41 0.42	58.65 2.15 0.00	60.38 2.38 0.00	58.15 2.13 0.00	57.52 1.94 0.00	50.05 1.79 0.00	42.82 1.37 0.00	38.41 1.41 0.00
DANC__LFGE 323619	30.11 0.24 0.00	26.57 0.21 0.00	24.36 0.17 0.00	24.27 0.15 0.00	24.51 0.22 0.00	25.58 0.35 0.00	33.17 0.42 0.00	34.28 0.54 0.00	39.06 0.46 0.00	39.81 0.28 0.00	41.13 0.29 0.00	42.08 0.25 0.00	42.77 0.26 0.00	44.83 0.18 0.00	48.19 0.24 0.00	52.68 0.16 0.00	52.66 0.47 0.00	57.29 0.79 0.00	59.33 1.34 0.00	57.36 1.34 0.00	56.86 1.28 0.00	49.37 1.11 0.00	42.24 0.79 0.00	37.45 0.45 0.00
DANSKAMMER__1 23586	31.52 1.64 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.62 1.50 0.00	25.85 1.56 0.00	26.79 1.56 0.00	34.54 1.80 0.00	36.14 2.40 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.08 2.24 0.00	43.92 2.01 -0.08	44.87 2.12 -0.24	47.35 2.45 -0.25	51.17 2.64 -0.58	57.18 3.26 -1.40	55.69 3.08 -0.42	60.51 4.01 0.00	62.00 4.00 0.00	59.15 3.14 0.00	58.19 2.61 0.00	50.34 2.07 0.00	43.41 1.95 0.00	38.78 1.78 0.00
DANSKAMMER__2 23589	31.52 1.64 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.62 1.50 0.00	25.85 1.56 0.00	26.79 1.56 0.00	34.54 1.80 0.00	36.14 2.40 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.08 2.24 0.00	43.92 2.01 -0.08	44.87 2.12 -0.24	47.35 2.45 -0.25	51.17 2.64 -0.58	57.18 3.26 -1.40	55.69 3.08 -0.42	60.51 4.01 0.00	62.00 4.00 0.00	59.15 3.14 0.00	58.19 2.61 0.00	50.34 2.07 0.00	43.41 1.95 0.00	38.78 1.78 0.00
DANSKAMMER__3 23590	31.52 1.64 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.62 1.50 0.00	25.85 1.56 0.00	26.79 1.56 0.00	34.54 1.80 0.00	36.14 2.40 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.08 2.24 0.00	43.92 2.01 -0.08	44.87 2.12 -0.24	47.35 2.45 -0.25	51.17 2.64 -0.58	57.18 3.26 -1.40	55.69 3.08 -0.42	60.51 4.01 0.00	62.00 4.00 0.00	59.15 3.14 0.00	58.19 2.61 0.00	50.34 2.07 0.00	43.41 1.95 0.00	38.78 1.78 0.00

DANSKAMMER___4 23591	31.52 1.64 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.62 1.50 0.00	25.85 1.56 0.00	26.79 1.56 0.00	34.54 1.80 0.00	36.14 2.40 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.08 2.24 0.00	43.92 2.01 -0.08	44.87 2.12 -0.24	47.35 2.45 -0.25	51.17 2.64 -0.58	57.18 3.26 -1.40	55.69 3.08 -0.42	60.51 4.01 0.00	62.00 4.00 0.00	59.15 3.14 0.00	58.19 2.61 0.00	50.34 2.07 0.00	43.41 1.95 0.00	38.78 1.78 0.00
DANSKAMMER___DIESEL 23592	31.52 1.64 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.62 1.50 0.00	25.84 1.55 0.00	26.81 1.59 0.00	34.54 1.80 0.00	36.14 2.40 0.00	41.07 2.47 0.00	42.10 2.57 0.00	43.25 2.41 0.00	44.30 2.38 -0.08	45.13 2.38 -0.24	47.27 2.37 -0.25	51.03 2.49 -0.58	57.08 3.15 -1.40	55.63 3.03 -0.42	60.34 3.84 0.00	61.89 3.89 0.00	59.10 3.08 0.00	58.08 2.50 0.00	50.24 1.98 0.00	43.36 1.91 0.00	38.78 1.78 0.00
DARBY___SOLAR 323810	31.19 1.31 0.00	27.73 1.37 0.00	25.42 1.23 0.00	25.35 1.23 0.00	25.50 1.21 0.00	26.41 1.19 0.00	33.95 1.21 0.00	35.19 1.45 0.00	39.99 1.39 0.00	40.75 1.23 0.00	41.82 0.98 0.00	42.53 0.79 0.09	43.03 0.77 0.25	45.24 0.85 0.26	48.30 0.96 0.61	52.31 1.26 1.47	53.06 1.31 0.44	58.53 2.03 0.00	60.26 2.26 0.00	58.03 2.01 0.00	57.41 1.83 0.00	49.90 1.64 0.00	42.74 1.29 0.00	38.33 1.33 0.00
DASHVILLE___HYD 23610	31.25 1.37 0.00	27.75 1.40 0.00	25.47 1.28 0.00	25.43 1.30 0.00	25.63 1.34 0.00	26.56 1.34 0.00	34.22 1.47 0.00	35.77 2.02 0.00	40.64 2.05 0.00	41.66 2.13 0.00	42.80 1.96 0.00	44.02 2.13 -0.05	44.79 2.13 -0.15	46.69 1.88 -0.16	50.58 2.25 -0.38	56.27 2.84 -0.91	55.12 2.66 -0.27	59.67 3.16 0.00	61.19 3.19 0.00	58.54 2.52 0.00	57.52 1.95 0.00	49.81 1.54 0.00	42.99 1.53 0.00	38.44 1.44 0.00
DELAWARE___LFGE 323621	30.92 1.05 0.00	27.44 1.08 0.00	25.16 0.97 0.00	25.11 0.99 0.00	25.29 1.00 0.00	26.26 1.03 0.00	33.89 1.15 0.00	35.33 1.59 0.00	40.18 1.58 0.00	41.11 1.58 0.00	42.35 1.51 0.00	43.23 1.38 -0.02	43.92 1.36 -0.05	46.13 1.43 -0.05	49.60 1.53 -0.11	54.53 1.73 -0.27	53.99 1.72 -0.08	58.82 2.32 0.00	60.55 2.55 0.00	58.15 2.13 0.00	57.25 1.67 0.00	49.76 1.50 0.00	42.70 1.24 0.00	38.07 1.07 0.00
DERFIELD_115KV_TB7 355931	29.99 0.12 0.00	26.51 0.16 0.00	24.33 0.15 0.00	24.29 0.17 0.00	24.46 0.17 0.00	25.40 0.18 0.00	32.87 0.13 0.00	33.98 0.24 0.00	38.79 0.19 0.00	39.69 0.16 0.00	40.96 0.12 0.00	41.91 0.08 0.00	42.60 0.09 0.00	44.70 0.04 0.00	48.00 0.05 0.00	52.63 0.11 0.00	52.35 0.16 0.00	56.78 0.28 0.00	58.35 0.35 0.00	56.24 0.22 0.00	55.63 0.06 0.00	48.31 0.05 0.00	41.50 0.04 0.00	37.04 0.04 0.00
DOGLEVILLE___HYD 23807	29.25 -0.63 0.00	25.86 -0.50 0.00	23.73 -0.46 0.00	23.66 -0.46 0.00	23.85 -0.44 0.00	24.82 -0.40 0.00	32.19 -0.56 0.00	33.27 -0.47 0.00	37.98 -0.62 0.00	38.82 -0.71 0.00	40.06 -0.78 0.00	41.03 -0.79 0.00	41.66 -0.85 0.00	43.76 -0.89 0.00	46.99 -0.96 0.00	51.53 -1.00 0.00	51.25 -0.94 0.00	55.48 -1.02 0.00	57.07 -0.93 0.00	55.01 -1.01 0.00	54.47 -1.11 0.00	47.25 -1.01 0.00	40.71 -0.75 0.00	36.26 -0.74 0.00
DUNKIRK___115KV_TB_200 55889	30.59 0.72 0.00	26.78 0.42 0.00	24.48 0.29 0.00	24.27 0.14 0.00	24.46 0.17 0.00	25.55 0.33 0.00	32.71 -0.03 0.00	34.52 0.78 0.00	39.06 0.46 0.00	40.08 0.55 0.00	41.00 0.16 0.00	41.79 -0.04 0.00	42.77 0.26 0.00	45.32 0.67 0.00	48.82 0.86 0.00	52.10 -0.42 0.00	51.93 -0.26 0.00	57.18 0.68 0.00	59.62 1.62 0.00	57.20 1.18 0.00	55.47 -0.11 0.00	48.12 -0.14 0.00	40.84 -0.62 0.00	36.63 -0.37 0.00
DUNKIRK___1 23563	30.59 0.72 0.00	26.78 0.42 0.00	24.48 0.29 0.00	24.27 0.14 0.00	24.46 0.17 0.00	25.55 0.33 0.00	32.71 -0.03 0.00	34.52 0.78 0.00	39.06 0.46 0.00	40.08 0.55 0.00	41.00 0.16 0.00	41.79 -0.04 0.00	42.77 0.26 0.00	45.32 0.67 0.00	48.82 0.86 0.00	52.10 -0.42 0.00	51.93 -0.26 0.00	57.18 0.68 0.00	59.62 1.62 0.00	57.20 1.18 0.00	55.47 -0.11 0.00	48.12 -0.14 0.00	40.84 -0.62 0.00	36.63 -0.37 0.00
DUNKIRK___2 23564	30.59 0.72 0.00	26.78 0.42 0.00	24.48 0.29 0.00	24.27 0.14 0.00	24.46 0.17 0.00	25.55 0.33 0.00	32.71 -0.03 0.00	34.52 0.78 0.00	39.06 0.46 0.00	40.08 0.55 0.00	41.00 0.16 0.00	41.79 -0.04 0.00	42.77 0.26 0.00	45.32 0.67 0.00	48.82 0.86 0.00	52.10 -0.42 0.00	51.93 -0.26 0.00	57.18 0.68 0.00	59.62 1.62 0.00	57.20 1.18 0.00	55.47 -0.11 0.00	48.12 -0.14 0.00	40.84 -0.62 0.00	36.63 -0.37 0.00
DUNKIRK___3 23565	30.53 0.66 0.00	26.73 0.37 0.00	24.43 0.24 0.00	24.22 0.10 0.00	24.41 0.12 0.00	25.48 0.25 0.00	32.58 -0.16 0.00	34.35 0.61 0.00	38.83 0.23 0.00	39.88 0.36 0.00	40.80 -0.04 0.00	41.54 -0.29 0.00	42.47 -0.04 0.00	45.01 0.36 0.00	48.48 0.53 0.00	51.79 -0.74 0.00	51.67 -0.52 0.00	56.90 0.40 0.00	59.33 1.33 0.00	56.92 0.90 0.00	55.25 -0.33 0.00	47.97 -0.29 0.00	40.75 -0.70 0.00	36.63 -0.37 0.00
DUNKIRK___4 23566	30.53 0.66 0.00	26.73 0.37 0.00	24.43 0.24 0.00	24.22 0.10 0.00	24.41 0.12 0.00	25.48 0.25 0.00	32.58 -0.16 0.00	34.35 0.61 0.00	38.83 0.23 0.00	39.88 0.36 0.00	40.80 -0.04 0.00	41.54 -0.29 0.00	42.47 -0.04 0.00	45.01 0.36 0.00	48.48 0.53 0.00	51.79 -0.74 0.00	51.67 -0.52 0.00	56.90 0.40 0.00	59.33 1.33 0.00	56.92 0.90 0.00	55.25 -0.33 0.00	47.97 -0.29 0.00	40.75 -0.70 0.00	36.63 -0.37 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.67 1.79 0.00	28.10 1.74 0.00	25.78 1.60 0.00	25.74 1.62 0.00	25.97 1.68 0.00	26.92 1.69 0.00	34.71 1.96 0.00	36.34 2.60 0.00	41.30 2.70 0.00	42.37 2.85 0.00	43.57 2.74 0.00	44.61 2.68 -0.10	45.40 2.59 -0.29	47.50 2.55 -0.30	51.41 2.73 -0.72	57.57 3.31 -1.73	55.79 3.08 -0.52	60.46 3.96 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.91 2.33 0.00	50.05 1.79 0.00	43.36 1.91 0.00	38.85 1.85 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.40 1.52 0.00	27.86 1.50 0.00	25.57 1.38 0.00	25.50 1.37 0.00	25.72 1.43 0.00	26.66 1.44 0.00	34.38 1.64 0.00	35.97 2.23 0.00	40.84 2.24 0.00	41.90 2.37 0.00	43.04 2.21 0.00	44.09 2.18 -0.09	44.88 2.13 -0.24	47.00 2.10 -0.25	50.80 2.25 -0.59	56.78 2.84 -1.41	55.27 2.66 -0.42	59.95 3.45 0.00	61.48 3.48 0.00	58.71 2.69 0.00	57.69 2.11 0.00	49.95 1.69 0.00	43.12 1.66 0.00	38.55 1.55 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.24 1.94 -0.01	27.09 1.87 0.00	34.84 2.10 0.00	36.47 2.73 0.00	41.34 2.74 0.00	42.49 2.96 0.00	43.70 2.86 0.00	44.69 2.76 -0.10	45.40 2.59 -0.29	47.50 2.55 -0.30	51.41 2.73 -0.72	57.36 3.10 -1.73	55.46 2.77 -0.51	60.06 3.56 0.00	61.41 3.42 0.01	58.70 2.69 0.01	57.46 1.89 0.01	49.90 1.64 0.00	43.70 2.24 -0.01	39.23 2.22 -0.01

E179THST_13_KV_LOAD 356214	32.18 2.30 -0.01	28.55 2.19 -0.01	26.15 1.96 0.00	26.08 1.95 0.00	26.36 2.06 -0.01	27.19 1.97 0.00	35.00 2.26 0.00	36.68 2.94 0.00	41.53 2.93 0.00	42.69 3.16 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.70 3.02 -0.72	57.72 3.47 -1.73	55.83 3.13 -0.51	60.46 3.96 0.00	61.82 3.83 0.01	59.09 3.08 0.01	57.85 2.28 0.01	50.19 1.93 0.00	43.95 2.49 -0.01	39.45 2.44 -0.01
EAST HAMPTON___GT 23717	41.60 3.05 -8.68	38.47 3.11 -9.01	33.31 2.90 -6.22	31.44 2.94 -4.38	33.02 3.11 -5.62	35.02 3.08 -6.72	38.31 3.34 -2.23	41.71 3.98 -3.99	42.93 4.32 -0.01	44.20 4.66 -0.01	44.93 4.08 -0.01	44.12 2.17 -0.11	45.02 2.21 -0.30	48.11 3.17 -0.29	52.41 3.74 -0.71	59.04 4.78 -1.74	59.01 4.64 -2.17	63.98 5.82 -1.66	65.02 5.39 -1.62	60.32 3.98 -0.32	58.25 2.67 0.00	50.58 2.32 0.00	44.00 1.99 -0.55	40.37 2.92 -0.44
EAST RIVER___6 23660	31.85 1.97 0.00	28.26 1.90 0.00	25.88 1.69 0.00	25.84 1.71 0.00	26.09 1.80 0.00	27.02 1.79 0.00	34.90 2.16 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.73 3.20 0.00	43.74 2.90 0.00	44.53 2.59 -0.10	45.44 2.64 -0.29	47.90 2.95 -0.30	51.89 3.21 -0.72	57.99 3.73 -1.73	56.05 3.34 -0.52	60.91 4.41 0.00	62.23 4.23 0.00	59.32 3.30 0.00	58.25 2.67 0.00	50.38 2.12 0.00	43.74 2.28 0.00	39.11 2.11 0.00
EAST RIVER___7 23524	31.85 1.97 0.00	28.26 1.90 0.00	25.88 1.69 0.00	25.84 1.71 0.00	26.09 1.80 0.00	27.02 1.79 0.00	34.90 2.16 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.73 3.20 0.00	43.74 2.90 0.00	44.53 2.59 -0.10	45.44 2.64 -0.29	47.90 2.95 -0.30	51.89 3.21 -0.72	57.99 3.73 -1.73	56.05 3.34 -0.52	60.91 4.41 0.00	62.23 4.23 0.00	59.32 3.30 0.00	58.25 2.67 0.00	50.38 2.12 0.00	43.74 2.28 0.00	39.11 2.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.61 1.73 0.00	28.04 1.69 0.00	25.74 1.55 0.00	25.69 1.57 0.00	25.92 1.63 0.00	26.87 1.64 0.00	34.61 1.87 0.00	36.27 2.53 0.00	41.18 2.59 0.00	42.25 2.73 0.00	43.45 2.61 0.00	44.48 2.55 -0.10	45.27 2.47 -0.29	47.37 2.41 -0.30	51.26 2.59 -0.72	57.41 3.15 -1.73	55.68 2.97 -0.51	60.29 3.79 0.00	61.65 3.65 0.00	58.93 2.91 0.00	57.75 2.17 0.00	49.95 1.69 0.00	43.28 1.82 0.00	38.78 1.78 0.00
EAST_HAMPTON___DIESEL 23722	41.60 3.05 -8.68	38.47 3.11 -9.01	33.31 2.90 -6.22	31.44 2.94 -4.38	33.02 3.11 -5.62	35.02 3.08 -6.72	38.31 3.34 -2.23	41.71 3.98 -3.99	42.93 4.32 -0.01	44.20 4.66 -0.01	44.89 4.04 -0.01	44.07 2.13 -0.11	44.98 2.17 -0.30	48.07 3.12 -0.29	52.41 3.74 -0.71	59.00 4.73 -1.74	58.96 4.59 -2.17	63.93 5.77 -1.66	64.90 5.28 -1.62	60.20 3.86 -0.32	58.14 2.56 0.00	50.48 2.22 0.00	43.92 1.91 -0.55	40.33 2.89 -0.44
EAST_POINT___SOLAR 323840	32.62 2.75 0.00	28.89 2.53 0.00	26.41 2.22 0.00	26.37 2.24 0.00	26.55 2.26 0.00	27.80 2.57 0.00	35.66 2.91 0.00	36.64 2.90 0.00	41.69 3.09 0.00	42.33 2.81 0.00	43.53 2.69 0.00	44.16 2.38 0.05	44.67 2.29 0.13	46.79 2.28 0.14	49.54 1.92 0.33	54.09 2.37 0.80	54.87 2.92 0.24	60.35 3.84 0.00	62.81 4.81 0.00	61.40 5.38 0.00	61.19 5.61 0.00	53.28 5.02 0.00	45.35 3.90 0.00	40.33 3.33 0.00
EAST_PULASKI___ESR 323781	29.87 0.00 0.00	26.36 0.00 0.00	24.16 -0.02 0.00	24.07 -0.05 0.00	24.27 -0.02 0.00	25.28 0.05 0.00	32.71 -0.03 0.00	33.77 0.03 0.00	38.44 -0.15 0.00	39.33 -0.20 0.00	40.63 -0.20 0.00	41.58 -0.25 0.00	42.30 -0.21 0.00	44.21 -0.45 0.00	47.52 -0.43 0.00	51.90 -0.63 0.00	51.77 -0.42 0.00	56.33 -0.17 0.00	58.17 0.17 0.00	56.13 0.11 0.00	55.52 -0.06 0.00	48.26 0.00 0.00	41.46 0.00 0.00	36.82 -0.18 0.00
EAST_RIVER___1 323558	31.79 1.91 0.00	28.20 1.84 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	26.99 1.77 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.69 3.16 0.00	43.70 2.86 0.00	44.44 2.51 -0.10	45.35 2.55 -0.29	47.82 2.86 -0.30	51.79 3.12 -0.72	57.93 3.68 -1.73	56.00 3.29 -0.52	60.79 4.29 0.00	62.12 4.12 0.00	59.21 3.19 0.00	58.14 2.56 0.00	50.24 1.98 0.00	43.61 2.15 0.00	39.03 2.03 0.00
EAST_RIVER___2 323559	31.85 1.97 0.00	28.26 1.90 0.00	25.88 1.69 0.00	25.84 1.71 0.00	26.09 1.80 0.00	27.02 1.79 0.00	34.90 2.16 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.73 3.20 0.00	43.74 2.90 0.00	44.53 2.59 -0.10	45.44 2.64 -0.29	47.90 2.95 -0.30	51.89 3.21 -0.72	57.99 3.73 -1.73	56.05 3.34 -0.52	60.91 4.41 0.00	62.23 4.23 0.00	59.32 3.30 0.00	58.25 2.67 0.00	50.38 2.12 0.00	43.74 2.28 0.00	39.11 2.11 0.00
EAST___DELAWARE_HYD 23607	31.16 1.28 0.00	27.65 1.29 0.00	25.35 1.16 0.00	25.30 1.18 0.00	25.53 1.24 0.00	26.46 1.24 0.00	34.15 1.41 0.00	36.07 2.33 0.00	40.95 2.35 0.00	41.98 2.45 0.00	42.92 2.08 0.00	43.74 1.84 -0.07	44.67 1.96 -0.20	47.18 2.32 -0.21	50.94 2.49 -0.50	56.87 3.15 -1.19	55.62 3.08 -0.35	60.57 4.07 0.00	62.35 4.35 0.00	59.44 3.42 0.00	58.52 2.94 0.00	50.58 2.32 0.00	43.49 2.03 0.00	38.74 1.74 0.00
EIGHT_POINT___WT_PWR 323820	30.41 0.54 0.00	26.75 0.40 0.00	24.50 0.31 0.00	24.36 0.24 0.00	24.53 0.24 0.00	25.83 0.60 0.00	33.10 0.36 0.00	34.72 0.98 0.00	39.18 0.58 0.00	40.08 0.55 0.00	41.41 0.57 0.00	42.62 0.79 0.00	43.45 0.93 0.00	45.14 0.49 0.00	48.57 0.62 0.00	52.37 -0.16 0.00	52.45 0.26 0.00	57.63 1.13 0.00	60.08 2.08 0.00	57.92 1.91 0.00	56.75 1.17 0.00	49.23 0.96 0.00	41.62 0.17 0.00	37.00 0.00 0.00
ELBRIDGE_115KV_TB2 80188	29.93 0.06 0.00	26.41 0.05 0.00	24.21 0.02 0.00	24.10 -0.02 0.00	24.27 -0.02 0.00	25.25 0.03 0.00	32.64 -0.10 0.00	33.77 0.03 0.00	38.44 -0.15 0.00	39.41 -0.12 0.00	40.63 -0.20 0.00	41.45 -0.38 0.00	42.17 -0.34 0.00	44.38 -0.27 0.00	47.76 -0.19 0.00	52.05 -0.47 0.00	51.77 -0.42 0.00	56.50 0.00 0.00	58.35 0.35 0.00	56.19 0.17 0.00	55.41 -0.17 0.00	48.12 -0.14 0.00	41.17 -0.29 0.00	36.70 -0.30 0.00
ELEC_TRO_TEK 24086	47.10 1.88 -15.34	44.17 1.90 -15.92	36.92 1.74 -10.99	33.62 1.76 -7.74	36.08 1.85 -9.94	38.94 1.84 -11.88	38.77 2.10 -3.93	43.49 2.70 -7.05	41.35 2.74 -0.02	42.47 2.93 -0.02	43.55 2.70 -0.02	44.58 2.64 -0.12	45.33 2.51 -0.31	46.91 1.96 -0.30	50.83 2.16 -0.72	57.16 2.89 -1.75	68.72 2.56 -13.97	73.37 3.39 -13.48	74.37 3.19 -13.18	61.23 2.63 -2.58	57.58 2.00 0.00	49.90 1.64 0.00	47.75 1.87 -4.42	42.27 1.81 -3.46
ELLENBURG_WT_PWR 323604	29.31 -0.57 0.00	25.72 -0.63 0.00	23.63 -0.56 0.00	23.57 -0.55 0.00	23.78 -0.51 0.00	24.72 -0.50 0.00	32.48 -0.26 0.00	33.34 -0.40 0.00	38.44 -0.15 0.00	39.41 -0.12 0.00	40.92 0.08 0.00	42.16 0.33 0.00	42.68 0.17 0.00	44.65 0.00 0.00	47.86 -0.10 0.00	52.58 0.05 0.00	52.29 0.10 0.00	56.11 -0.39 0.00	57.60 -0.40 0.00	55.91 -0.11 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.87 0.41 0.00	37.48 0.48 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.41 0.54 0.00	26.62 0.26 0.00	24.31 0.12 0.00	24.10 -0.02 0.00	24.27 -0.02 0.00	25.30 0.08 0.00	32.28 -0.46 0.00	33.91 0.17 0.00	38.33 -0.27 0.00	39.33 -0.20 0.00	40.18 -0.65 0.00	40.91 -0.92 0.00	41.83 -0.68 0.00	44.30 -0.36 0.00	47.71 -0.24 0.00	50.95 -1.58 0.00	50.94 -1.25 0.00	56.05 -0.45 0.00	58.46 0.46 0.00	56.19 0.17 0.00	54.63 -0.94 0.00	47.49 -0.77 0.00	40.46 -0.99 0.00	36.48 -0.52 0.00
EMPIRE_CC_1 323656	30.68 0.81 0.00	27.30 0.95 0.00	25.11 0.92 0.00	25.04 0.92 0.00	25.19 0.90 0.00	26.06 0.83 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.37 0.77 0.00	40.28 0.75 0.00	41.29 0.45 0.00	41.90 0.21 0.14	42.35 0.21 0.38	44.57 0.31 0.40	47.35 0.34 0.94	50.84 0.58 2.26	51.93 0.42 0.67	57.46 0.96 0.00	58.92 0.93 0.00	56.64 0.62 0.00	55.86 0.28 0.00	48.55 0.29 0.00	41.83 0.37 0.00	37.41 0.41 0.00
EMPIRE_CC_2 323658	30.68 0.81 0.00	27.30 0.95 0.00	25.11 0.92 0.00	25.04 0.92 0.00	25.19 0.90 0.00	26.06 0.83 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.37 0.77 0.00	40.28 0.75 0.00	41.29 0.45 0.00	41.90 0.21 0.14	42.35 0.21 0.38	44.57 0.31 0.40	47.35 0.34 0.94	50.84 0.58 2.26	51.93 0.42 0.67	57.46 0.96 0.00	58.92 0.93 0.00	56.64 0.62 0.00	55.86 0.28 0.00	48.55 0.29 0.00	41.83 0.37 0.00	37.41 0.41 0.00
ENORWICH_115KV_TB1 80156	31.58 1.70 0.00	27.91 1.56 0.00	25.62 1.43 0.00	25.47 1.35 0.00	25.80 1.51 0.00	27.07 1.84 0.00	35.13 2.39 0.00	36.78 3.04 0.00	41.65 3.05 0.00	42.41 2.89 0.00	43.57 2.74 0.00	44.34 2.51 0.00	45.02 2.51 0.00	47.51 2.86 0.00	51.02 3.07 0.00	55.78 3.26 0.00	56.00 3.81 0.00	61.42 4.92 0.00	64.15 6.15 0.00	61.68 5.66 0.00	60.75 5.17 0.00	52.70 4.44 0.00	44.65 3.19 0.00	39.48 2.48 0.00
ERIE_ST__34_KV_TB1-2 80199	30.44 0.57 0.00	26.67 0.32 0.00	24.36 0.17 0.00	24.15 0.02 0.00	24.31 0.02 0.00	25.38 0.15 0.00	32.45 -0.29 0.00	34.21 0.47 0.00	38.68 0.08 0.00	39.69 0.16 0.00	40.59 -0.25 0.00	41.24 -0.59 0.00	42.17 -0.34 0.00	44.79 0.13 0.00	48.34 0.38 0.00	51.74 -0.79 0.00	51.77 -0.42 0.00	57.01 0.51 0.00	59.39 1.39 0.00	56.97 0.95 0.00	55.30 -0.28 0.00	48.12 -0.14 0.00	40.92 -0.54 0.00	36.78 -0.22 0.00
ERIE_WT_PWR 323693	30.50 0.63 0.00	26.73 0.37 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.36 0.07 0.00	25.60 0.38 0.00	32.45 -0.30 0.00	34.15 0.41 0.00	38.56 -0.04 0.00	39.49 -0.04 0.00	41.08 0.25 0.00	42.62 0.79 0.00	43.41 0.89 0.00	44.88 0.22 0.00	48.10 0.14 0.00	51.47 -1.05 0.00	51.67 -0.52 0.00	56.56 0.06 0.00	58.92 0.93 0.00	56.58 0.56 0.00	55.08 -0.50 0.00	48.02 -0.24 0.00	40.88 -0.58 0.00	36.67 -0.33 0.00
ESPRGFLD_115KV_TB1 80157	32.06 2.18 0.00	28.36 2.00 0.00	25.95 1.77 0.00	25.91 1.79 0.00	26.09 1.80 0.00	27.24 2.02 0.00	35.20 2.46 0.00	36.61 2.87 0.00	41.69 3.09 0.00	42.49 2.96 0.00	43.74 2.90 0.00	44.56 2.76 0.03	45.16 2.72 0.07	47.43 2.86 0.08	50.74 2.97 0.18	55.44 3.36 0.44	55.66 3.60 0.13	60.97 4.46 0.00	63.16 5.16 0.00	60.84 4.82 0.00	60.08 4.50 0.00	52.22 3.96 0.00	44.61 3.15 0.00	39.66 2.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.59 0.72 0.00	26.99 0.63 0.00	24.74 0.56 0.00	24.65 0.53 0.00	24.80 0.51 0.00	25.86 0.63 0.00	33.46 0.72 0.00	34.79 1.05 0.00	39.52 0.93 0.00	40.44 0.91 0.00	41.61 0.78 0.00	42.37 0.54 0.00	43.11 0.60 0.00	45.41 0.76 0.00	48.86 0.91 0.00	53.31 0.79 0.00	53.13 0.94 0.00	58.14 1.64 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.37 0.91 0.00	37.70 0.70 0.00
ETNA____115KV_TB2 80207	30.59 0.72 0.00	26.99 0.63 0.00	24.74 0.56 0.00	24.65 0.53 0.00	24.80 0.51 0.00	25.86 0.63 0.00	33.46 0.72 0.00	34.79 1.05 0.00	39.52 0.93 0.00	40.44 0.91 0.00	41.61 0.78 0.00	42.37 0.54 0.00	43.11 0.60 0.00	45.41 0.76 0.00	48.86 0.91 0.00	53.31 0.79 0.00	53.13 0.94 0.00	58.14 1.64 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.37 0.91 0.00	37.70 0.70 0.00
EUCLID___115KV_TB2 356179	29.75 -0.12 0.00	26.25 -0.11 0.00	24.07 -0.12 0.00	23.98 -0.14 0.00	24.12 -0.17 0.00	25.10 -0.13 0.00	32.45 -0.29 0.00	33.54 -0.20 0.00	38.21 -0.39 0.00	39.17 -0.36 0.00	40.39 -0.45 0.00	41.24 -0.59 0.00	41.96 -0.55 0.00	44.16 -0.49 0.00	47.47 -0.48 0.00	51.79 -0.74 0.00	51.51 -0.68 0.00	56.16 -0.34 0.00	57.88 -0.12 0.00	55.79 -0.22 0.00	55.02 -0.56 0.00	47.78 -0.48 0.00	40.92 -0.54 0.00	36.48 -0.52 0.00
E_CANADA_CAP_HY 24051	32.56 2.69 0.00	28.86 2.51 0.00	26.39 2.20 0.00	26.34 2.22 0.00	26.52 2.23 0.00	27.72 2.50 0.00	35.72 2.98 0.00	36.95 3.21 0.00	42.03 3.43 0.00	42.73 3.20 0.00	43.90 3.06 0.00	44.67 2.88 0.04	45.32 2.93 0.12	47.52 2.99 0.12	50.73 3.07 0.30	55.39 3.57 0.71	55.89 3.92 0.21	61.42 4.91 0.00	63.74 5.74 0.00	61.62 5.60 0.00	61.14 5.56 0.00	53.13 4.87 0.00	45.31 3.86 0.00	40.29 3.29 0.00
E_CANADA_MHWK_HY 24050	29.25 -0.63 0.00	25.85 -0.50 0.00	23.73 -0.46 0.00	23.66 -0.46 0.00	23.85 -0.44 0.00	24.80 -0.43 0.00	32.19 -0.56 0.00	33.27 -0.47 0.00	37.98 -0.62 0.00	38.86 -0.67 0.00	40.06 -0.78 0.00	40.95 -0.88 0.00	41.62 -0.89 0.00	43.76 -0.89 0.00	46.99 -0.96 0.00	51.52 -1.00 0.00	51.30 -0.89 0.00	55.49 -1.02 0.00	57.13 -0.87 0.00	55.07 -0.95 0.00	54.47 -1.11 0.00	47.30 -0.96 0.00	40.71 -0.75 0.00	36.26 -0.74 0.00
E_FISHKILL___LBMP 23776	31.37 1.49 0.00	27.86 1.50 0.00	25.57 1.38 0.00	25.52 1.40 0.00	25.75 1.46 0.00	26.66 1.44 0.00	34.31 1.57 0.00	35.87 2.13 0.00	40.72 2.12 0.00	41.78 2.25 0.00	42.96 2.12 0.00	43.98 2.05 -0.11	44.76 1.96 -0.30	46.84 1.88 -0.31	50.70 2.01 -0.73	56.81 2.52 -1.76	55.06 2.35 -0.52	59.61 3.11 0.00	61.02 3.02 0.00	58.37 2.35 0.00	57.30 1.72 0.00	49.61 1.35 0.00	42.91 1.45 0.00	38.44 1.44 0.00
FALCON___SEABRD_CC1 323796	29.60 -0.27 0.00	25.99 -0.37 0.00	23.87 -0.32 0.00	23.81 -0.31 0.00	24.02 -0.27 0.00	25.00 -0.23 0.00	32.84 0.10 0.00	33.74 0.00 0.00	38.91 0.31 0.00	39.88 0.35 0.00	41.45 0.61 0.00	42.66 0.84 0.00	42.94 0.43 0.00	44.70 0.04 0.00	47.90 -0.05 0.00	52.63 0.11 0.00	52.35 0.16 0.00	56.22 -0.28 0.00	57.71 -0.29 0.00	56.02 0.00 0.00	55.97 0.39 0.00	48.55 0.29 0.00	42.12 0.66 0.00	37.93 0.93 0.00
FALCON___SEABRD_CC2 323797	29.60 -0.27 0.00	25.99 -0.37 0.00	23.87 -0.32 0.00	23.81 -0.31 0.00	24.02 -0.27 0.00	25.00 -0.23 0.00	32.84 0.10 0.00	33.74 0.00 0.00	38.91 0.31 0.00	39.88 0.35 0.00	41.45 0.61 0.00	42.66 0.84 0.00	42.94 0.43 0.00	44.70 0.04 0.00	47.90 -0.05 0.00	52.63 0.11 0.00	52.35 0.16 0.00	56.22 -0.28 0.00	57.71 -0.29 0.00	56.02 0.00 0.00	55.97 0.39 0.00	48.55 0.29 0.00	42.12 0.66 0.00	37.93 0.93 0.00

FAR ROCKAWAY___4 23548	46.29 2.36 -14.05	43.21 2.27 -14.58	36.33 2.08 -10.06	33.31 2.10 -7.09	35.56 2.16 -9.10	38.30 2.19 -10.88	38.90 2.55 -3.60	43.37 3.17 -6.46	41.97 3.36 -0.01	43.14 3.60 -0.01	44.24 3.39 -0.01	45.25 3.30 -0.12	46.05 3.23 -0.31	47.72 2.77 -0.30	51.69 3.02 -0.72	58.21 3.94 -1.75	83.36 3.65 -27.52	88.13 4.58 -27.05	88.92 4.47 -26.46	64.99 3.81 -5.16	58.80 3.22 0.00	50.92 2.65 0.00	52.71 2.65 -8.60	46.17 2.48 -6.69
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.79 1.91 0.00	28.20 1.84 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.65 3.12 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.78 3.52 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.53 2.07 0.00	39.00 2.00 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.82 1.94 0.00	28.23 1.87 0.00	25.88 1.69 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.58 2.83 0.00	41.53 2.93 0.00	42.65 3.12 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.78 3.52 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.57 2.11 0.00	39.04 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.79 1.91 0.00	28.20 1.84 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	26.99 1.77 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.65 3.12 0.00	43.86 3.02 0.00	44.90 2.97 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.89 3.18 -0.52	60.57 4.07 0.00	61.89 3.89 0.00	59.10 3.08 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.53 2.07 0.00	39.00 2.00 0.00
FARRAGUT___LBMP 323566	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.99 1.77 0.00	34.81 2.06 0.00	36.51 2.77 0.00	41.45 2.86 0.00	42.61 3.08 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00
FENNER___WINDPWR 24204	30.50 0.63 0.00	26.94 0.58 0.00	24.70 0.51 0.00	24.58 0.46 0.00	24.80 0.51 0.00	25.86 0.63 0.00	33.46 0.72 0.00	34.68 0.94 0.00	39.52 0.92 0.00	40.44 0.91 0.00	41.74 0.90 0.00	42.66 0.84 0.00	43.41 0.89 0.00	45.59 0.94 0.00	49.01 1.05 0.00	53.57 1.05 0.00	53.44 1.25 0.00	58.20 1.69 0.00	60.15 2.15 0.00	57.92 1.91 0.00	57.24 1.67 0.00	49.71 1.45 0.00	42.49 1.04 0.00	37.74 0.74 0.00
FIBERTEK___ENERGY 23856	30.05 0.18 0.00	26.51 0.16 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.35 0.13 0.00	32.81 0.07 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.88 0.04 0.00	41.70 -0.13 0.00	42.43 -0.09 0.00	44.65 0.00 0.00	48.05 0.10 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.37 -0.08 0.00	36.89 -0.11 0.00
FITZPATRICK___ 23598	29.31 -0.57 0.00	25.85 -0.50 0.00	23.70 -0.48 0.00	23.61 -0.51 0.00	23.78 -0.51 0.00	24.75 -0.48 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.50 -1.03 0.00	39.78 -1.06 0.00	40.70 -1.13 0.00	41.41 -1.11 0.00	43.45 -1.20 0.00	46.66 -1.29 0.00	50.95 -1.57 0.00	50.67 -1.52 0.00	55.15 -1.36 0.00	56.78 -1.22 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	46.96 -1.30 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.58 1.70 0.00	28.04 1.69 0.00	25.71 1.52 0.00	25.67 1.54 0.00	25.89 1.60 0.00	26.84 1.61 0.00	34.61 1.87 0.00	36.20 2.46 0.00	41.15 2.55 0.00	42.18 2.65 0.00	43.33 2.49 0.00	44.38 2.47 -0.09	45.22 2.47 -0.24	47.36 2.46 -0.25	51.14 2.59 -0.60	57.21 3.26 -1.43	55.75 3.13 -0.43	60.46 3.96 0.00	62.00 4.00 0.00	59.21 3.19 0.00	58.19 2.61 0.00	50.34 2.08 0.00	43.45 1.99 0.00	38.85 1.85 0.00
FORT ORANGE___ 23900	30.65 0.78 0.00	27.22 0.87 0.00	24.99 0.80 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.01 0.78 0.00	33.43 0.69 0.00	34.72 0.98 0.00	39.37 0.77 0.00	40.20 0.67 0.00	41.25 0.41 0.00	41.98 0.21 0.06	42.55 0.21 0.18	44.87 0.40 0.18	47.95 0.43 0.44	52.21 0.73 1.05	52.51 0.63 0.31	57.69 1.19 0.00	59.27 1.27 0.00	56.97 0.95 0.00	56.25 0.67 0.00	48.84 0.58 0.00	41.96 0.50 0.00	37.48 0.48 0.00
FORT_DRUM_COGEN 23780	30.44 0.57 0.00	26.86 0.50 0.00	24.62 0.44 0.00	24.51 0.39 0.00	24.85 0.56 0.00	25.96 0.73 0.00	33.82 1.08 0.00	34.99 1.25 0.00	39.83 1.24 0.00	40.48 0.95 0.00	41.70 0.86 0.00	42.62 0.79 0.00	43.32 0.81 0.00	45.50 0.85 0.00	49.01 1.05 0.00	53.63 1.10 0.00	53.76 1.57 0.00	58.48 1.98 0.00	60.78 2.78 0.00	58.93 2.91 0.00	58.47 2.89 0.00	50.72 2.46 0.00	43.24 1.78 0.00	38.18 1.18 0.00
FOX_HILLS___ESR 323835	32.03 2.15 0.00	28.39 2.03 0.00	25.95 1.77 0.00	25.91 1.79 0.00	26.16 1.87 0.00	27.07 1.84 0.00	34.87 2.13 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.78 3.24 -0.01	43.99 3.14 -0.01	44.82 2.89 -0.10	44.77 2.72 0.47	45.78 2.72 1.59	46.04 2.93 4.84	47.00 3.41 8.94	47.12 3.08 8.15	55.46 3.90 4.94	53.72 3.60 7.88	49.48 2.80 9.34	47.18 2.00 10.40	46.39 1.64 3.51	43.65 2.20 0.00	39.27 2.26 -0.01
FPL_FAR_ROCK_GT1 24212	46.29 2.36 -14.05	43.21 2.27 -14.58	36.33 2.08 -10.06	33.31 2.10 -7.09	35.56 2.16 -9.10	38.27 2.17 -10.88	38.90 2.56 -3.60	43.37 3.17 -6.46	41.97 3.36 -0.01	43.14 3.60 -0.01	44.12 3.27 -0.01	43.95 2.01 -0.12	44.86 2.04 -0.31	47.76 2.81 -0.30	51.88 3.21 -0.72	58.37 4.10 -1.75	83.41 3.71 -27.52	88.30 4.75 -27.05	89.15 4.70 -26.46	65.04 3.86 -5.16	58.92 3.33 0.00	51.06 2.80 0.00	52.75 2.69 -8.60	46.17 2.48 -6.69
FPL_FAR_ROCK_GT2 23815	46.29 2.36 -14.05	43.21 2.27 -14.58	36.33 2.08 -10.06	33.31 2.10 -7.09	35.56 2.16 -9.10	38.27 2.17 -10.88	38.90 2.56 -3.60	43.37 3.17 -6.46	41.97 3.36 -0.01	43.14 3.60 -0.01	44.12 3.27 -0.01	43.95 2.01 -0.12	44.86 2.04 -0.31	47.76 2.81 -0.30	51.88 3.21 -0.72	58.37 4.10 -1.75	83.41 3.71 -27.52	88.30 4.75 -27.05	89.15 4.70 -26.46	65.04 3.86 -5.16	58.92 3.33 0.00	51.06 2.80 0.00	52.75 2.69 -8.60	46.17 2.48 -6.69
FRANKLIN_FALL_HYD 24054	29.64 -0.24 0.00	26.01 -0.34 0.00	23.90 -0.29 0.00	23.83 -0.29 0.00	24.05 -0.24 0.00	25.02 -0.20 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.06 0.46 0.00	39.96 0.43 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.62 1.11 0.00	45.86 1.21 0.00	49.10 1.15 0.00	53.89 1.37 0.00	53.60 1.41 0.00	57.52 1.02 0.00	59.04 1.04 0.00	57.25 1.23 0.00	57.25 1.67 0.00	49.76 1.50 0.00	42.74 1.29 0.00	38.00 1.00 0.00

FREEPORT_EQUS_GT1 23764	43.69	40.57	34.48	31.96	33.89	36.27	38.09	42.03	41.62	42.78	43.67	43.41	44.26	47.18	51.21	57.63	66.07	70.88	72.08	61.14	58.14	50.38	47.14	41.90
	2.15	2.11	1.94	1.95	2.04	2.02	2.36	2.93	3.01	3.24	2.82	1.46	1.45	2.23	2.54	3.36	3.03	4.01	3.95	3.14	2.56	2.12	2.11	2.11
	-11.66	-12.10	-8.35	-5.88	-7.56	-9.03	-2.99	-5.36	-0.01	-0.01	-0.01	-0.12	-0.30	-0.29	-0.72	-1.74	-10.86	-10.36	-10.14	-1.98	0.00	0.00	-3.57	-2.79
FREEPORT___CT2 23818	43.69	40.57	34.48	31.96	33.89	36.27	38.09	42.03	41.62	42.78	43.67	43.41	44.26	47.18	51.21	57.63	66.07	70.88	72.08	61.14	58.14	50.38	47.14	41.90
	2.15	2.11	1.94	1.95	2.04	2.02	2.36	2.93	3.01	3.24	2.82	1.46	1.45	2.23	2.54	3.36	3.03	4.01	3.95	3.14	2.56	2.12	2.11	2.11
	-11.66	-12.10	-8.35	-5.88	-7.56	-9.03	-2.99	-5.36	-0.01	-0.01	-0.01	-0.12	-0.30	-0.29	-0.72	-1.74	-10.86	-10.36	-10.14	-1.98	0.00	0.00	-3.57	-2.79
FRESHKLS_33_KV_LOAD 356253	32.03	28.36	25.95	25.88	26.16	27.04	34.87	36.61	41.57	42.78	43.99	44.74	44.66	45.68	45.93	46.93	47.05	55.39	53.70	49.46	47.16	46.33	43.60	39.23
	2.15	2.00	1.77	1.76	1.87	1.82	2.13	2.87	2.97	3.24	3.14	2.80	2.64	2.63	2.83	3.36	3.03	3.84	3.60	2.80	2.00	1.59	2.16	2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	-0.10	0.48	1.61	4.85	8.96	8.16	4.96	7.89	9.36	10.42	3.52	0.01	-0.01
FULTON COGEN____ 23766	29.49	26.04	23.87	23.78	23.93	24.90	32.22	33.24	37.86	38.82	40.02	40.87	41.58	43.67	46.99	51.26	50.99	55.54	57.30	55.23	54.52	47.34	40.59	36.19
	-0.39	-0.32	-0.31	-0.34	-0.36	-0.33	-0.52	-0.51	-0.73	-0.71	-0.82	-0.96	-0.94	-0.98	-0.96	-1.26	-1.20	-0.96	-0.70	-0.78	-1.06	-0.92	-0.87	-0.81
	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	
FULTON___LFGE 323630	32.32	28.65	26.19	26.15	26.33	27.50	35.39	36.61	41.69	42.33	43.49	44.25	44.84	47.05	50.25	54.85	55.39	60.91	63.10	61.00	60.47	52.61	44.86	39.92
	2.45	2.29	2.01	2.03	2.04	2.27	2.65	2.87	3.09	2.81	2.65	2.47	2.46	2.54	2.64	3.15	3.44	4.41	5.11	4.98	4.89	4.35	3.40	2.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.14	0.14	0.34	0.82	0.24	0.00	0.00	0.00	0.00	0.00	0.00	
G.F.CEMENT___DRP 24184	31.22	27.78	25.45	25.38	25.50	26.41	33.92	35.12	39.95	40.63	41.78	42.67	43.14	45.18	48.22	52.42	53.10	58.54	60.32	58.09	57.41	49.95	42.70	38.44
	1.34	1.42	1.26	1.25	1.21	1.19	1.18	1.38	1.35	1.11	0.94	0.92	0.85	0.76	0.82	1.21	1.30	2.03	2.32	2.07	1.83	1.69	1.24	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.22	0.23	0.55	1.31	0.39	0.00	0.00	0.00	0.00	0.00	0.00	
GARDENVILLE___LBMP 24039	30.38	26.62	24.33	24.12	24.29	25.33	32.35	34.01	38.41	39.37	40.27	40.95	41.88	44.38	47.81	51.11	51.04	56.22	58.64	56.41	54.86	47.73	40.59	36.56
	0.51	0.26	0.15	0.00	0.00	0.10	-0.39	0.27	-0.19	-0.16	-0.57	-0.88	-0.64	-0.27	-0.14	-1.42	-1.15	-0.28	0.64	0.39	-0.72	-0.53	-0.87	-0.44
	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	
GARDNVLA_35_KV_LD 355827	30.56	26.75	24.45	24.24	24.39	25.45	32.48	34.21	38.68	39.69	40.59	41.24	42.17	44.70	48.19	51.47	51.41	56.62	59.04	56.69	55.08	47.92	40.79	36.74
	0.69	0.40	0.27	0.12	0.10	0.23	-0.26	0.47	0.08	0.16	-0.25	-0.59	-0.34	0.04	0.24	-1.05	-0.78	0.11	1.04	0.67	-0.50	-0.34	-0.66	-0.26
	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	
GELCKHM___115KV_LOAD 80723	29.84	26.36	24.14	24.05	24.19	25.18	32.58	33.67	38.37	39.33	40.55	41.41	42.13	44.34	47.67	52.00	51.72	56.39	58.17	56.02	55.25	47.97	41.08	36.63
	-0.03	0.00	-0.05	-0.07	-0.10	-0.05	-0.16	-0.07	-0.23	-0.20	-0.29	-0.42	-0.38	-0.31	-0.29	-0.53	-0.47	-0.11	0.17	0.00	-0.33	-0.29	-0.37	-0.37
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GENERAL___MILLS 23808	30.50	26.70	24.41	24.19	24.34	25.40	32.42	34.15	38.56	39.57	40.47	41.12	42.05	44.56	48.00	51.32	51.25	56.45	58.81	56.52	54.97	47.83	40.71	36.67
	0.63	0.34	0.22	0.07	0.05	0.18	-0.33	0.40	-0.04	0.04	-0.37	-0.71	-0.47	-0.09	0.05	-1.21	-0.94	-0.06	0.81	0.50	-0.61	-0.43	-0.75	-0.33
	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	
GE_PLASTICS___DRP 24183	30.56	27.15	24.94	24.87	25.04	25.96	33.40	34.65	39.33	40.24	41.41	42.32	42.85	44.92	48.05	52.41	52.53	57.52	59.04	56.80	56.02	48.65	41.87	37.44
	0.69	0.79	0.75	0.75	0.75	0.73	0.65	0.91	0.73	0.71	0.57	0.54	0.47	0.40	0.43	0.68	0.57	1.02	1.04	0.78	0.44	0.39	0.41	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.13	0.14	0.33	0.79	0.24	0.00	0.00	0.00	0.00	0.00	0.00	
GILBOA___1 23756	30.71	27.33	25.08	25.11	25.21	26.03	33.56	34.92	39.68	40.67	41.78	42.60	43.34	45.61	49.11	54.10	53.29	58.03	59.57	57.14	56.36	49.03	42.16	37.70
	0.84	0.98	0.90	0.99	0.92	0.81	0.82	1.18	1.08	1.15	0.94	0.75	0.77	0.89	1.01	1.21	0.99	1.53	1.57	1.12	0.78	0.77	0.70	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.06	-0.06	-0.15	-0.36	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	
GILBOA___2 23757	30.71	27.33	25.08	25.11	25.21	26.03	33.56	34.92	39.68	40.67	41.78	42.60	43.34	45.61	49.11	54.10	53.29	58.03	59.57	57.14	56.36	49.03	42.16	37.70
	0.84	0.98	0.90	0.99	0.92	0.81	0.82	1.18	1.08	1.15	0.94	0.75	0.77	0.89	1.01	1.21	0.99	1.53	1.57	1.12	0.78	0.77	0.70	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.06	-0.06	-0.15	-0.36	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	
GILBOA___3 23758	30.71	27.33	25.08	25.11	25.21	26.03	33.56	34.92	39.68	40.67	41.78	42.60	43.34	45.61	49.11	54.10	53.29	58.03	59.57	57.14	56.36	49.03	42.16	37.70
	0.84	0.98	0.90	0.99	0.92	0.81	0.82	1.18	1.08	1.15	0.94	0.75	0.77	0.89	1.01	1.21	0.99	1.53	1.57	1.12	0.78	0.77	0.70	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.06	-0.06	-0.15	-0.36	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	
GILBOA___4 23759	30.71	27.33	25.08	25.11	25.21	26.03	33.56	34.92	39.68	40.67	41.78	42.60	43.34	45.61	49.11	54.10	53.29	58.03	59.57	57.14	56.36	49.03	42.16	37.70
	0.84	0.98	0.90	0.99	0.92	0.81	0.82	1.18	1.08	1.15	0.94	0.75	0.77	0.89	1.01	1.21	0.99	1.53	1.57	1.12	0.78	0.77	0.70	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.06	-0.06	-0.15	-0.36	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	

GILBOA____ 23599	30.71 0.84 0.00	27.33 0.98 0.00	25.08 0.89 0.00	25.11 0.99 0.00	25.21 0.92 0.00	26.06 0.83 0.00	33.56 0.82 0.00	34.92 1.18 0.00	39.68 1.08 0.00	40.63 1.11 0.00	41.82 0.98 0.00	42.77 0.92 -0.02	43.47 0.89 -0.06	45.56 0.85 -0.06	49.02 0.91 -0.15	54.04 1.16 -0.36	53.24 0.94 -0.11	57.91 1.41 0.00	59.45 1.45 0.00	57.14 1.12 0.00	56.25 0.67 0.00	48.94 0.68 0.00	42.16 0.70 0.00	37.70 0.70 0.00
GINNA____ 23603	28.95 -0.93 0.00	25.41 -0.95 0.00	23.22 -0.97 0.00	23.06 -1.06 0.00	23.22 -1.07 0.00	24.27 -0.96 0.00	31.14 -1.60 0.00	32.42 -1.32 0.00	36.82 -1.77 0.00	37.87 -1.66 0.00	39.29 -1.55 0.00	40.53 -1.30 0.00	41.24 -1.27 0.00	43.05 -1.61 0.00	46.23 -1.72 0.00	49.85 -2.68 0.00	49.84 -2.35 0.00	54.52 -1.98 0.00	56.49 -1.51 0.00	54.62 -1.40 0.00	53.69 -1.89 0.00	46.62 -1.64 0.00	39.72 -1.74 0.00	35.48 -1.52 0.00
GLEN PARK____ 23778	30.59 0.72 0.00	26.99 0.63 0.00	24.74 0.56 0.00	24.60 0.48 0.00	24.95 0.66 0.00	26.13 0.91 0.00	33.99 1.24 0.00	35.16 1.42 0.00	40.03 1.43 0.00	40.63 1.11 0.00	41.90 1.06 0.00	42.87 1.05 0.00	43.58 1.06 0.00	45.63 0.98 0.00	49.10 1.15 0.00	53.73 1.21 0.00	53.97 1.78 0.00	58.70 2.20 0.00	61.19 3.19 0.00	59.32 3.30 0.00	58.86 3.28 0.00	51.11 2.85 0.00	43.53 2.07 0.00	38.41 1.41 0.00
GLENDALE_27_KV_LOAD 356172	32.03 2.15 0.00	28.41 2.06 0.00	26.03 1.84 0.00	25.98 1.86 0.00	26.23 1.94 0.00	27.14 1.92 0.00	35.00 2.26 0.00	36.74 3.00 0.00	41.72 3.13 0.00	42.89 3.36 0.00	44.10 3.27 0.00	45.11 3.18 -0.10	45.87 3.06 -0.29	47.99 3.04 -0.30	51.94 3.26 -0.72	57.99 3.73 -1.73	56.10 3.39 -0.52	60.80 4.29 0.00	62.06 4.06 0.00	59.27 3.25 0.00	58.02 2.45 0.00	50.24 1.98 0.00	43.82 2.36 0.00	39.29 2.29 0.00
GLENWOOD_IC_1_G5 23712	46.93 2.03 -15.03	43.93 1.98 -15.59	36.77 1.81 -10.76	33.54 1.83 -7.58	35.94 1.92 -9.74	38.78 1.92 -11.63	38.82 2.23 -3.85	43.51 2.87 -6.90	41.59 2.97 -0.02	42.55 3.00 -0.02	43.71 2.86 -0.02	44.75 2.80 -0.12	45.50 2.68 -0.31	47.18 2.23 -0.30	51.12 2.45 -0.72	57.42 3.15 -1.75	64.35 2.87 -9.29	69.02 3.73 -8.79	70.13 3.54 -8.60	60.56 2.86 -1.69	57.75 2.17 0.00	49.95 1.69 0.00	46.57 2.11 -3.00	41.42 2.07 -2.35
GLENWOOD_IC_2_G1 23688	32.37 1.85 -0.64	28.87 1.84 -0.67	26.32 1.67 -0.46	26.14 1.69 -0.33	26.48 1.77 -0.42	27.46 1.74 -0.50	34.94 2.03 -0.17	36.70 2.66 -0.30	41.34 2.74 0.00	42.45 2.92 0.00	43.45 2.62 0.00	43.82 1.88 -0.11	44.72 1.91 -0.29	47.37 2.41 -0.30	51.36 2.68 -0.72	57.57 3.31 -1.73	55.92 2.97 -0.76	60.64 3.90 -0.24	62.00 3.77 -0.24	59.03 2.97 -0.05	57.91 2.33 0.00	50.14 1.88 0.00	43.49 1.95 -0.08	38.95 1.89 -0.06
GLENWOOD_IC_3_G1 23689	32.37 1.85 -0.64	28.87 1.84 -0.67	26.32 1.67 -0.46	26.14 1.69 -0.33	26.48 1.77 -0.42	27.46 1.74 -0.50	34.94 2.03 -0.17	36.70 2.66 -0.30	41.34 2.74 0.00	42.45 2.92 0.00	43.45 2.62 0.00	43.82 1.88 -0.11	44.72 1.91 -0.29	47.37 2.41 -0.30	51.36 2.68 -0.72	57.57 3.31 -1.73	55.92 2.97 -0.76	60.64 3.90 -0.24	62.00 3.77 -0.24	59.03 2.97 -0.05	57.91 2.33 0.00	50.14 1.88 0.00	43.49 1.95 -0.08	38.95 1.89 -0.06
GLENWOOD____4 23550	46.93 2.03 -15.03	43.93 1.98 -15.59	36.77 1.81 -10.76	33.54 1.83 -7.58	35.94 1.92 -9.74	38.78 1.92 -11.63	38.82 2.23 -3.85	43.51 2.87 -6.90	41.59 2.97 -0.02	42.63 3.08 -0.02	43.79 2.94 -0.02	44.79 2.84 -0.12	45.58 2.76 -0.31	47.27 2.32 -0.30	51.21 2.54 -0.72	57.53 3.26 -1.75	64.51 3.03 -9.29	69.13 3.84 -8.79	70.31 3.71 -8.60	60.67 2.97 -1.69	57.86 2.28 0.00	50.10 1.83 0.00	46.57 2.11 -3.00	41.42 2.07 -2.35
GLENWOOD____5 23614	46.93 2.03 -15.03	43.93 1.98 -15.59	36.77 1.81 -10.76	33.54 1.83 -7.58	35.94 1.92 -9.74	38.78 1.92 -11.63	38.82 2.23 -3.85	43.51 2.87 -6.90	41.59 2.97 -0.02	42.63 3.08 -0.02	43.79 2.94 -0.02	44.79 2.84 -0.12	45.58 2.76 -0.31	47.27 2.32 -0.30	51.21 2.54 -0.72	57.53 3.26 -1.75	64.51 3.03 -9.29	69.13 3.84 -8.79	70.31 3.71 -8.60	60.67 2.97 -1.69	57.86 2.28 0.00	50.10 1.83 0.00	46.57 2.11 -3.00	41.42 2.07 -2.35
GLOBAL GREEN_PORT_GT1 23814	41.57 3.02 -8.68	38.42 3.06 -9.01	33.23 2.83 -6.22	31.37 2.87 -4.38	32.95 3.04 -5.62	34.94 3.00 -6.72	38.24 3.27 -2.23	41.64 3.91 -3.99	42.85 4.25 -0.01	44.12 4.58 -0.01	44.89 4.04 -0.01	44.07 2.13 -0.11	44.94 2.12 -0.30	48.07 3.12 -0.29	52.41 3.74 -0.71	59.04 4.78 -1.74	59.06 4.70 -2.17	64.04 5.88 -1.66	65.19 5.57 -1.63	60.55 4.20 -0.32	58.63 3.05 0.00	50.87 2.60 0.00	44.20 2.20 -0.55	40.44 3.00 -0.44
GLOBE____DSASP 323697	29.61 -0.27 0.00	25.93 -0.42 0.00	23.66 -0.53 0.00	23.45 -0.68 0.00	23.59 -0.70 0.00	24.57 -0.66 0.00	31.27 -1.47 0.00	32.70 -1.05 0.00	36.90 -1.70 0.00	37.83 -1.70 0.00	38.59 -2.25 0.00	39.36 -2.47 0.00	40.22 -2.30 0.00	42.60 -2.05 0.00	45.84 -2.11 0.00	48.90 -3.62 0.00	48.80 -3.39 0.00	53.79 -2.71 0.00	56.09 -1.91 0.00	54.00 -2.02 0.00	52.58 -3.00 0.00	45.75 -2.51 0.00	39.14 -2.32 0.00	35.41 -1.59 0.00
GOETHSLN____LBMP 323567	31.64 1.76 0.00	28.07 1.71 0.00	25.74 1.55 0.00	25.69 1.57 0.00	25.94 1.65 0.00	26.89 1.66 0.00	34.67 1.93 0.00	36.37 2.63 0.00	41.34 2.74 0.00	42.45 2.93 0.00	43.66 2.82 0.00	44.65 2.72 -0.10	44.54 2.51 0.48	45.46 2.41 1.60	45.65 2.54 4.85	46.62 3.05 8.95	46.80 2.77 8.16	55.17 3.62 4.95	53.53 3.42 7.89	49.30 2.63 9.35	47.06 1.89 10.41	46.19 1.45 3.52	43.28 1.82 0.00	38.78 1.78 0.00
GOLAH____69_KV_TB 1_2 80279	30.71 0.84 0.00	26.91 0.55 0.00	24.55 0.36 0.00	24.34 0.22 0.00	24.48 0.19 0.00	25.53 0.30 0.00	32.81 0.07 0.00	34.18 0.44 0.00	38.64 0.04 0.00	39.76 0.24 0.00	40.84 0.00 0.00	41.74 -0.08 0.00	42.60 0.09 0.00	45.01 0.36 0.00	48.48 0.53 0.00	52.00 -0.53 0.00	51.93 -0.26 0.00	57.12 0.62 0.00	59.51 1.51 0.00	57.59 1.57 0.00	56.47 0.89 0.00	49.08 0.82 0.00	41.83 0.37 0.00	37.59 0.59 0.00
GOODYEAR_LAKE_HYD 323669	31.31 1.43 0.00	27.75 1.40 0.00	25.42 1.23 0.00	25.38 1.25 0.00	25.58 1.29 0.00	26.59 1.36 0.00	34.38 1.64 0.00	35.83 2.09 0.00	40.80 2.20 0.00	41.74 2.21 0.00	42.96 2.12 0.00	43.84 2.01 0.00	44.51 2.00 0.00	46.75 2.10 0.00	50.16 2.21 0.00	54.99 2.47 0.00	54.80 2.61 0.00	59.78 3.28 0.00	61.65 3.65 0.00	59.21 3.19 0.00	58.36 2.78 0.00	50.72 2.46 0.00	43.45 1.99 0.00	38.67 1.67 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.41 0.54 0.00	26.86 0.50 0.00	24.62 0.44 0.00	24.53 0.41 0.00	24.68 0.39 0.00	25.68 0.45 0.00	33.14 0.39 0.00	34.58 0.84 0.00	39.25 0.66 0.00	40.24 0.71 0.00	41.37 0.53 0.00	42.12 0.29 0.00	42.85 0.34 0.00	45.19 0.54 0.00	48.62 0.67 0.00	52.94 0.42 0.00	52.71 0.52 0.00	57.63 1.13 0.00	59.57 1.57 0.00	57.25 1.23 0.00	56.30 0.72 0.00	48.94 0.68 0.00	41.83 0.37 0.00	37.30 0.30 0.00

GOUDEY___7 23579	30.41 0.54 0.00	26.86 0.50 0.00	24.62 0.44 0.00	24.53 0.41 0.00	24.68 0.39 0.00	25.68 0.45 0.00	33.14 0.39 0.00	34.58 0.84 0.00	39.25 0.66 0.00	40.24 0.71 0.00	41.37 0.53 0.00	42.12 0.29 0.00	42.85 0.34 0.00	45.19 0.54 0.00	48.62 0.67 0.00	52.94 0.42 0.00	52.71 0.52 0.00	57.63 1.13 0.00	59.57 1.57 0.00	57.25 1.23 0.00	56.30 0.72 0.00	48.94 0.68 0.00	41.83 0.37 0.00	37.30 0.30 0.00
GOUDEY___8 23580	30.41 0.54 0.00	26.86 0.50 0.00	24.62 0.44 0.00	24.53 0.41 0.00	24.68 0.39 0.00	25.68 0.45 0.00	33.14 0.39 0.00	34.58 0.84 0.00	39.25 0.66 0.00	40.24 0.71 0.00	41.37 0.53 0.00	42.12 0.29 0.00	42.85 0.34 0.00	45.19 0.54 0.00	48.62 0.67 0.00	52.94 0.42 0.00	52.71 0.52 0.00	57.63 1.13 0.00	59.57 1.57 0.00	57.25 1.23 0.00	56.30 0.72 0.00	48.94 0.68 0.00	41.83 0.37 0.00	37.30 0.30 0.00
GOWANUS_GT1_1 24077	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT1_2 24078	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT1_3 24079	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT1_4 24080	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT1_5 24084	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT1_6 24111	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT1_7 24112	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT1_8 24113	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT2_1 24114	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT2_2 24115	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT2_3 24116	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT2_4 24117	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT2_5 24118	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01

GOWANUS_GT2_6 24119	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT2_7 24120	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT2_8 24121	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_1 24122	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_2 24123	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_3 24124	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_4 24125	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_5 24126	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_6 24127	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_7 24128	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT3_8 24129	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
GOWANUS_GT4_1 24130	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT4_2 24131	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT4_3 24132	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT4_4 24133	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01

GOWANUS_GT4_5 24134	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT4_6 24135	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT4_7 24136	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GOWANUS_GT4_8 24137	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GREATVR_69_KV_BK1 356245	41.43 2.63 -8.92	38.20 2.58 -9.26	32.95 2.37 -6.39	31.01 2.39 -4.50	32.57 2.50 -5.78	34.68 2.55 -6.91	37.91 2.88 -2.29	41.32 3.48 -4.10	42.24 3.63 -0.01	43.41 3.87 -0.01	44.56 3.72 -0.01	45.58 3.64 -0.11	46.21 3.40 -0.30	47.31 2.37 -0.29	51.40 2.73 -0.71	57.89 3.62 -1.74	58.53 3.65 -2.69	63.20 4.52 -2.18	64.60 4.47 -2.13	60.19 3.75 -0.42	58.47 2.89 0.00	50.87 2.61 0.00	44.51 2.32 -0.73	40.32 2.74 -0.59
GREENBSH_115KV_TB3 55895	30.50 0.63 0.00	27.09 0.74 0.00	24.89 0.70 0.00	24.82 0.70 0.00	24.99 0.70 0.00	25.91 0.68 0.00	33.30 0.56 0.00	34.55 0.81 0.00	39.18 0.58 0.00	40.04 0.51 0.00	41.21 0.37 0.00	42.10 0.33 0.07	42.58 0.26 0.19	44.63 0.18 0.20	47.68 0.19 0.47	51.82 0.42 1.12	52.22 0.37 0.33	57.29 0.79 0.00	58.81 0.81 0.00	56.58 0.56 0.00	55.75 0.17 0.00	48.45 0.19 0.00	41.71 0.25 0.00	37.26 0.26 0.00
GREENDGE_115KV_TB5 80291	30.56 0.69 0.00	26.91 0.55 0.00	24.62 0.44 0.00	24.48 0.36 0.00	24.65 0.36 0.00	25.76 0.53 0.00	33.23 0.49 0.00	34.75 1.01 0.00	39.37 0.77 0.00	40.32 0.79 0.00	41.41 0.57 0.00	42.12 0.29 0.00	42.94 0.43 0.00	45.41 0.76 0.00	48.91 0.96 0.00	52.94 0.42 0.00	52.87 0.68 0.00	58.14 1.64 0.00	60.49 2.49 0.00	58.26 2.24 0.00	57.19 1.61 0.00	49.61 1.35 0.00	42.12 0.66 0.00	37.52 0.52 0.00
GREENIDGE___3 23582	30.56 0.69 0.00	26.91 0.55 0.00	24.62 0.44 0.00	24.48 0.36 0.00	24.65 0.36 0.00	25.76 0.53 0.00	33.23 0.49 0.00	34.75 1.01 0.00	39.37 0.77 0.00	40.32 0.79 0.00	41.41 0.57 0.00	42.12 0.29 0.00	42.94 0.43 0.00	45.41 0.76 0.00	48.91 0.96 0.00	52.94 0.42 0.00	52.87 0.68 0.00	58.14 1.64 0.00	60.49 2.49 0.00	58.26 2.24 0.00	57.19 1.61 0.00	49.61 1.35 0.00	42.12 0.66 0.00	37.52 0.52 0.00
GREENIDGE___4 23583	30.56 0.69 0.00	26.91 0.55 0.00	24.62 0.44 0.00	24.48 0.36 0.00	24.65 0.36 0.00	25.83 0.60 0.00	33.23 0.49 0.00	34.75 1.01 0.00	39.33 0.73 0.00	40.28 0.75 0.00	41.70 0.86 0.00	42.79 0.96 0.00	43.53 1.02 0.00	45.55 0.89 0.00	48.96 1.01 0.00	53.05 0.53 0.00	53.02 0.83 0.00	58.20 1.69 0.00	60.55 2.55 0.00	58.26 2.24 0.00	57.24 1.67 0.00	49.71 1.45 0.00	42.20 0.75 0.00	37.52 0.52 0.00
GREENLWN_69_KV_BK 3 55738	40.61 1.85 -8.88	37.47 1.90 -9.22	32.31 1.77 -6.36	30.39 1.79 -4.48	31.91 1.87 -5.75	33.97 1.87 -6.87	37.12 2.10 -2.28	40.52 2.70 -4.08	41.23 2.62 -0.01	42.30 2.77 -0.01	43.22 2.37 -0.01	44.24 2.30 -0.11	44.73 1.91 -0.30	46.01 1.07 -0.29	49.91 1.25 -0.71	56.26 2.00 -1.74	56.45 1.77 -2.49	60.96 2.49 -1.98	62.25 2.32 -1.93	58.08 1.68 -0.38	56.58 1.00 0.00	49.03 0.77 0.00	43.11 0.99 -0.66	39.05 1.52 -0.53
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01
GRISSOM___SOLAR 323813	32.12 2.24 0.00	28.49 2.13 0.00	26.05 1.86 0.00	26.01 1.88 0.00	26.16 1.87 0.00	27.32 2.09 0.00	35.17 2.42 0.00	36.37 2.63 0.00	41.41 2.82 0.00	42.10 2.57 0.00	43.25 2.41 0.00	44.03 2.26 0.05	44.62 2.25 0.14	46.83 2.32 0.15	50.00 2.40 0.35	54.57 2.89 0.84	55.07 3.13 0.25	60.57 4.07 0.00	62.69 4.70 0.00	60.55 4.54 0.00	59.97 4.39 0.00	52.17 3.91 0.00	44.52 3.07 0.00	39.63 2.63 0.00
GROVEVILLE___HYD 323602	31.58 1.70 0.00	28.04 1.69 0.00	25.71 1.52 0.00	25.67 1.54 0.00	25.89 1.60 0.00	26.84 1.61 0.00	34.61 1.87 0.00	36.20 2.46 0.00	41.15 2.55 0.00	42.18 2.65 0.00	43.33 2.49 0.00	44.38 2.47 -0.09	45.22 2.47 -0.24	47.36 2.46 -0.25	51.14 2.59 -0.60	57.21 3.26 -1.43	55.75 3.13 -0.43	60.46 3.96 0.00	62.00 4.00 0.00	59.21 3.19 0.00	58.19 2.61 0.00	50.34 2.08 0.00	43.45 1.99 0.00	38.85 1.85 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.05 0.18 0.00	26.51 0.16 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.35 0.13 0.00	32.81 0.07 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.88 0.04 0.00	41.70 -0.13 0.00	42.43 -0.09 0.00	44.65 0.00 0.00	48.05 0.10 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.37 -0.08 0.00	36.89 -0.11 0.00
HAMLTNNY_34_KV_TB 80303	30.17 0.30 0.00	26.59 0.24 0.00	24.38 0.19 0.00	24.27 0.14 0.00	24.41 0.12 0.00	25.43 0.20 0.00	32.84 0.10 0.00	34.04 0.30 0.00	38.75 0.15 0.00	39.76 0.24 0.00	40.96 0.12 0.00	41.79 -0.04 0.00	42.51 0.00 0.00	44.83 0.18 0.00	48.24 0.29 0.00	52.47 -0.05 0.00	52.19 0.00 0.00	57.07 0.57 0.00	58.99 0.99 0.00	56.80 0.78 0.00	55.97 0.39 0.00	48.60 0.34 0.00	41.54 0.08 0.00	37.04 0.04 0.00

HAMPSHIRE___PAPER_HYD 323593	29.87 0.00 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.05 -0.07 0.00	24.31 0.02 0.00	25.35 0.13 0.00	33.17 0.42 0.00	34.18 0.44 0.00	39.21 0.62 0.00	39.96 0.44 0.00	41.33 0.49 0.00	42.46 0.63 0.00	43.15 0.64 0.00	45.28 0.62 0.00	48.62 0.67 0.00	53.26 0.73 0.00	53.18 0.99 0.00	57.40 0.90 0.00	59.04 1.05 0.00	57.25 1.23 0.00	57.02 1.44 0.00	49.57 1.30 0.00	42.58 1.12 0.00	37.78 0.78 0.00
HARDSCRABBLE_WT_PWR 323673	29.43 -0.45 0.00	26.04 -0.32 0.00	23.87 -0.32 0.00	23.81 -0.31 0.00	24.02 -0.27 0.00	24.97 -0.25 0.00	32.38 -0.36 0.00	33.47 -0.27 0.00	38.21 -0.39 0.00	39.09 -0.43 0.00	40.31 -0.53 0.00	41.24 -0.59 0.00	41.92 -0.60 0.00	44.07 -0.58 0.00	47.33 -0.62 0.00	51.90 -0.63 0.00	51.62 -0.57 0.00	55.94 -0.56 0.00	57.53 -0.47 0.00	55.46 -0.56 0.00	54.85 -0.72 0.00	47.59 -0.68 0.00	40.96 -0.50 0.00	36.48 -0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.46 1.58 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.48 1.74 0.00	36.10 2.36 0.00	41.03 2.43 0.00	42.10 2.57 0.00	43.25 2.41 0.00	44.31 2.38 -0.09	45.11 2.34 -0.26	47.29 2.37 -0.27	51.10 2.49 -0.65	57.18 3.10 -1.56	55.63 2.97 -0.46	60.29 3.79 0.00	61.77 3.77 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.24 1.78 0.00	38.67 1.67 0.00
HARSNRAD_115KV_TB1 81005	30.35 0.48 0.00	26.57 0.21 0.00	24.26 0.07 0.00	24.05 -0.07 0.00	24.19 -0.10 0.00	25.20 -0.03 0.00	32.05 -0.69 0.00	33.54 -0.20 0.00	37.83 -0.77 0.00	38.86 -0.67 0.00	39.65 -1.18 0.00	40.49 -1.34 0.00	41.37 -1.15 0.00	43.85 -0.80 0.00	47.19 -0.77 0.00	50.32 -2.21 0.00	50.31 -1.88 0.00	55.43 -1.07 0.00	57.88 -0.12 0.00	55.74 -0.28 0.00	54.24 -1.33 0.00	47.20 -1.06 0.00	40.25 -1.20 0.00	36.37 -0.63 0.00
HARZA MOOSE___RIVER 24016	30.20 0.33 0.00	26.65 0.29 0.00	24.45 0.27 0.00	24.39 0.27 0.00	24.65 0.36 0.00	25.73 0.50 0.00	33.46 0.72 0.00	34.65 0.91 0.00	39.52 0.93 0.00	40.32 0.79 0.00	41.57 0.74 0.00	42.54 0.71 0.00	43.19 0.68 0.00	45.46 0.80 0.00	49.01 1.05 0.00	53.68 1.16 0.00	53.65 1.46 0.00	58.31 1.81 0.00	60.26 2.26 0.00	58.20 2.18 0.00	57.69 2.11 0.00	49.90 1.64 0.00	42.62 1.16 0.00	37.78 0.78 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.87 0.00 0.00	26.38 0.03 0.00	24.16 -0.02 0.00	24.07 -0.05 0.00	24.22 -0.07 0.00	25.20 -0.03 0.00	32.61 -0.13 0.00	33.71 -0.03 0.00	38.41 -0.19 0.00	39.41 -0.12 0.00	40.63 -0.20 0.00	41.45 -0.38 0.00	42.17 -0.34 0.00	44.43 -0.22 0.00	47.76 -0.19 0.00	52.10 -0.42 0.00	51.77 -0.42 0.00	56.45 -0.06 0.00	58.23 0.23 0.00	56.07 0.06 0.00	55.36 -0.22 0.00	48.02 -0.24 0.00	41.08 -0.37 0.00	36.67 -0.33 0.00
HELLGATE_13_KV_LD 55870	32.06 2.18 0.00	28.44 2.08 0.00	26.05 1.86 0.00	26.00 1.88 0.00	26.26 1.97 0.00	27.17 1.94 0.00	35.00 2.26 0.00	36.74 3.00 0.00	41.69 3.09 0.00	42.85 3.32 0.00	44.06 3.23 0.00	45.07 3.14 -0.10	45.82 3.02 -0.29	47.95 2.99 -0.30	51.84 3.16 -0.72	57.88 3.62 -1.73	55.93 3.24 -0.51	60.63 4.12 0.00	61.94 3.94 0.01	59.15 3.14 0.01	57.91 2.33 0.01	50.19 1.93 0.00	43.82 2.36 0.00	39.26 2.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.06 2.18 0.00	28.44 2.08 0.00	26.05 1.86 0.00	26.00 1.88 0.00	26.26 1.97 0.00	27.17 1.94 0.00	35.00 2.26 0.00	36.74 3.00 0.00	41.69 3.09 0.00	42.85 3.32 0.00	44.06 3.23 0.00	45.07 3.14 -0.10	45.82 3.02 -0.29	47.95 2.99 -0.30	51.84 3.16 -0.72	57.88 3.62 -1.73	55.93 3.24 -0.51	60.63 4.12 0.00	61.94 3.94 0.01	59.15 3.14 0.01	57.91 2.33 0.01	50.19 1.93 0.00	43.82 2.36 0.00	39.26 2.26 0.00
HEMPSTEAD____ 23647	44.75 1.91 -12.96	41.70 1.90 -13.45	35.21 1.74 -9.28	32.42 1.76 -6.54	34.53 1.85 -8.40	37.08 1.82 -10.03	38.19 2.13 -3.32	42.40 2.70 -5.95	41.35 2.74 -0.01	42.47 2.92 -0.01	43.38 2.53 -0.01	43.28 1.34 -0.12	44.14 1.32 -0.30	46.96 2.01 -0.29	50.92 2.25 -0.72	57.26 2.99 -1.75	64.05 2.66 -9.20	68.82 3.62 -8.70	69.99 3.48 -8.51	60.37 2.69 -1.67	57.69 2.11 0.00	49.95 1.69 0.00	46.35 1.82 -3.07	41.25 1.85 -2.40
HICKLING___1 23621	30.68 0.81 0.00	27.02 0.66 0.00	24.72 0.53 0.00	24.58 0.46 0.00	24.73 0.44 0.00	25.86 0.63 0.00	33.30 0.56 0.00	34.99 1.25 0.00	39.56 0.96 0.00	40.52 0.99 0.00	41.65 0.82 0.00	42.25 0.42 0.00	43.07 0.55 0.00	45.59 0.94 0.00	49.15 1.20 0.00	53.15 0.63 0.00	53.03 0.84 0.00	58.25 1.75 0.00	60.61 2.61 0.00	58.26 2.24 0.00	57.08 1.50 0.00	49.61 1.35 0.00	42.12 0.66 0.00	37.56 0.56 0.00
HICKLING___2 23622	30.68 0.81 0.00	27.02 0.66 0.00	24.72 0.53 0.00	24.58 0.46 0.00	24.73 0.44 0.00	25.86 0.63 0.00	33.30 0.56 0.00	34.99 1.25 0.00	39.56 0.96 0.00	40.52 0.99 0.00	41.65 0.82 0.00	42.25 0.42 0.00	43.07 0.55 0.00	45.59 0.94 0.00	49.15 1.20 0.00	53.15 0.63 0.00	53.03 0.84 0.00	58.25 1.75 0.00	60.61 2.61 0.00	58.26 2.24 0.00	57.08 1.50 0.00	49.61 1.35 0.00	42.12 0.66 0.00	37.56 0.56 0.00
HIGH FALLS___HY 23754	31.52 1.64 0.00	27.96 1.61 0.00	25.64 1.45 0.00	25.59 1.47 0.00	25.82 1.53 0.00	26.79 1.56 0.00	34.58 1.83 0.00	36.34 2.60 0.00	41.30 2.70 0.00	42.33 2.81 0.00	43.45 2.61 0.00	44.48 2.59 -0.06	45.28 2.59 -0.17	47.47 2.63 -0.18	51.16 2.78 -0.42	57.01 3.47 -1.02	55.89 3.39 -0.30	60.85 4.35 0.00	62.52 4.52 0.00	59.66 3.64 0.00	58.64 3.06 0.00	50.67 2.41 0.00	43.70 2.24 0.00	39.00 2.00 0.00
HIGH_RIVER___SOLAR 323847	31.37 1.49 0.00	27.81 1.45 0.00	25.47 1.28 0.00	25.42 1.30 0.00	25.58 1.29 0.00	26.59 1.36 0.00	34.25 1.51 0.00	35.43 1.69 0.00	40.29 1.70 0.00	40.99 1.46 0.00	42.14 1.31 0.00	42.86 1.09 0.06	43.42 1.06 0.15	45.65 1.16 0.16	48.72 1.15 0.38	53.13 1.52 0.92	53.59 1.67 0.27	58.93 2.43 0.00	60.84 2.84 0.00	58.76 2.74 0.00	58.14 2.56 0.00	50.53 2.27 0.00	43.28 1.82 0.00	38.63 1.63 0.00
HILLBURN___GT 23639	31.49 1.61 0.00	27.96 1.61 0.00	25.64 1.45 0.00	25.59 1.47 0.00	25.82 1.53 0.00	26.74 1.51 0.00	34.51 1.77 0.00	36.17 2.43 0.00	41.07 2.47 0.00	42.18 2.65 0.00	43.16 2.33 0.00	43.97 2.05 -0.10	44.86 2.08 -0.27	47.34 2.41 -0.28	51.25 2.64 -0.67	57.33 3.20 -1.60	55.64 2.97 -0.48	60.40 3.90 0.00	61.77 3.77 0.00	58.87 2.86 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.24 1.78 0.00	38.67 1.67 0.00
HILLSIDE_115KV_TB1 80332	30.17 0.30 0.00	26.59 0.24 0.00	24.33 0.15 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.40 0.18 0.00	32.74 0.00 0.00	34.38 0.64 0.00	38.87 0.27 0.00	39.80 0.28 0.00	40.88 0.04 0.00	41.54 -0.29 0.00	42.30 -0.21 0.00	44.74 0.09 0.00	48.19 0.24 0.00	52.21 -0.32 0.00	52.09 -0.10 0.00	57.12 0.62 0.00	59.22 1.22 0.00	56.92 0.90 0.00	55.80 0.22 0.00	48.50 0.24 0.00	41.29 -0.17 0.00	36.82 -0.19 0.00

HISHELDN_WT_PWR 323625	30.23 0.36 0.00	26.52 0.16 0.00	24.24 0.05 0.00	24.05 -0.07 0.00	24.22 -0.07 0.00	25.45 0.23 0.00	32.32 -0.43 0.00	33.91 0.17 0.00	38.25 -0.35 0.00	39.17 -0.36 0.00	40.72 -0.12 0.00	42.16 0.33 0.00	42.89 0.38 0.00	44.43 -0.22 0.00	47.71 -0.24 0.00	51.16 -1.37 0.00	51.30 -0.89 0.00	56.22 -0.28 0.00	58.58 0.58 0.00	56.41 0.39 0.00	55.13 -0.45 0.00	47.97 -0.29 0.00	40.79 -0.66 0.00	36.48 -0.52 0.00
HOLTSVILLE_IC_1 23690	40.69 2.15 -8.67	37.56 2.21 -8.99	32.43 2.03 -6.21	30.57 2.07 -4.37	32.09 2.19 -5.61	34.10 2.17 -6.71	37.32 2.36 -2.22	40.59 2.87 -3.98	41.58 2.97 -0.01	42.74 3.20 -0.01	43.46 2.62 -0.01	42.65 0.71 -0.11	43.49 0.68 -0.30	46.50 1.56 -0.29	50.54 1.87 -0.71	56.84 2.57 -1.74	56.79 2.45 -2.15	61.52 3.39 -1.63	62.90 3.30 -1.60	58.80 2.46 -0.32	57.36 1.78 0.00	49.85 1.59 0.00	43.53 1.53 -0.54	39.54 2.11 -0.43
HOLTSVILLE_IC_10 23699	40.87 2.27 -8.73	37.76 2.34 -9.06	32.59 2.15 -6.25	30.70 2.17 -4.40	32.25 2.31 -5.65	34.28 2.30 -6.76	37.50 2.52 -2.24	40.79 3.04 -4.01	41.77 3.17 -0.01	42.94 3.40 -0.01	43.70 2.86 -0.01	42.90 0.96 -0.11	43.75 0.93 -0.30	46.77 1.83 -0.29	50.92 2.25 -0.71	57.26 2.99 -1.74	57.33 2.87 -2.27	62.11 3.84 -1.76	63.55 3.83 -1.72	59.27 2.91 -0.34	57.80 2.23 0.00	50.24 1.98 0.00	43.82 1.78 -0.59	39.77 2.29 -0.47
HOLTSVILLE_IC_2 23691	40.69 2.15 -8.67	37.56 2.21 -8.99	32.43 2.03 -6.21	30.57 2.07 -4.37	32.09 2.19 -5.61	34.10 2.17 -6.71	37.32 2.36 -2.22	40.59 2.87 -3.98	41.58 2.97 -0.01	42.74 3.20 -0.01	43.46 2.62 -0.01	42.65 0.71 -0.11	43.49 0.68 -0.30	46.50 1.56 -0.29	50.54 1.87 -0.71	56.84 2.57 -1.74	56.79 2.45 -2.15	61.52 3.39 -1.63	62.90 3.30 -1.60	58.80 2.46 -0.32	57.36 1.78 0.00	49.85 1.59 0.00	43.53 1.53 -0.54	39.54 2.11 -0.43
HOLTSVILLE_IC_3 23692	40.69 2.15 -8.67	37.56 2.21 -8.99	32.43 2.03 -6.21	30.57 2.07 -4.37	32.09 2.19 -5.61	34.10 2.17 -6.71	37.32 2.36 -2.22	40.59 2.87 -3.98	41.58 2.97 -0.01	42.74 3.20 -0.01	43.46 2.62 -0.01	42.65 0.71 -0.11	43.49 0.68 -0.30	46.50 1.56 -0.29	50.54 1.87 -0.71	56.84 2.57 -1.74	56.79 2.45 -2.15	61.52 3.39 -1.63	62.90 3.30 -1.60	58.80 2.46 -0.32	57.36 1.78 0.00	49.85 1.59 0.00	43.53 1.53 -0.54	39.54 2.11 -0.43
HOLTSVILLE_IC_4 23693	40.69 2.15 -8.67	37.56 2.21 -8.99	32.43 2.03 -6.21	30.57 2.07 -4.37	32.09 2.19 -5.61	34.10 2.17 -6.71	37.32 2.36 -2.22	40.59 2.87 -3.98	41.58 2.97 -0.01	42.74 3.20 -0.01	43.46 2.62 -0.01	42.65 0.71 -0.11	43.49 0.68 -0.30	46.50 1.56 -0.29	50.54 1.87 -0.71	56.84 2.57 -1.74	56.79 2.45 -2.15	61.52 3.39 -1.63	62.90 3.30 -1.60	58.80 2.46 -0.32	57.36 1.78 0.00	49.85 1.59 0.00	43.53 1.53 -0.54	39.54 2.11 -0.43
HOLTSVILLE_IC_5 23694	40.69 2.15 -8.67	37.56 2.21 -8.99	32.43 2.03 -6.21	30.57 2.07 -4.37	32.09 2.19 -5.61	34.10 2.17 -6.71	37.32 2.36 -2.22	40.59 2.87 -3.98	41.58 2.97 -0.01	42.74 3.20 -0.01	43.46 2.62 -0.01	42.65 0.71 -0.11	43.49 0.68 -0.30	46.50 1.56 -0.29	50.54 1.87 -0.71	56.84 2.57 -1.74	56.79 2.45 -2.15	61.52 3.39 -1.63	62.90 3.30 -1.60	58.80 2.46 -0.32	57.36 1.78 0.00	49.85 1.59 0.00	43.53 1.53 -0.54	39.54 2.11 -0.43
HOLTSVILLE_IC_6 23695	40.87 2.27 -8.73	37.76 2.34 -9.06	32.59 2.15 -6.25	30.70 2.17 -4.40	32.25 2.31 -5.65	34.28 2.30 -6.76	37.50 2.52 -2.24	40.79 3.04 -4.01	41.77 3.17 -0.01	42.94 3.40 -0.01	43.70 2.86 -0.01	42.90 0.96 -0.11	43.75 0.93 -0.30	46.77 1.83 -0.29	50.92 2.25 -0.71	57.26 2.99 -1.74	57.33 2.87 -2.27	62.11 3.84 -1.76	63.55 3.83 -1.72	59.27 2.91 -0.34	57.80 2.23 0.00	50.24 1.98 0.00	43.82 1.78 -0.59	39.77 2.29 -0.47
HOLTSVILLE_IC_7 23696	40.87 2.27 -8.73	37.76 2.34 -9.06	32.59 2.15 -6.25	30.70 2.17 -4.40	32.25 2.31 -5.65	34.28 2.30 -6.76	37.50 2.52 -2.24	40.79 3.04 -4.01	41.77 3.17 -0.01	42.94 3.40 -0.01	43.70 2.86 -0.01	42.90 0.96 -0.11	43.75 0.93 -0.30	46.77 1.83 -0.29	50.92 2.25 -0.71	57.26 2.99 -1.74	57.33 2.87 -2.27	62.11 3.84 -1.76	63.55 3.83 -1.72	59.27 2.91 -0.34	57.80 2.23 0.00	50.24 1.98 0.00	43.82 1.78 -0.59	39.77 2.29 -0.47
HOLTSVILLE_IC_8 23697	40.87 2.27 -8.73	37.76 2.34 -9.06	32.59 2.15 -6.25	30.70 2.17 -4.40	32.25 2.31 -5.65	34.28 2.30 -6.76	37.50 2.52 -2.24	40.79 3.04 -4.01	41.77 3.17 -0.01	42.94 3.40 -0.01	43.70 2.86 -0.01	42.90 0.96 -0.11	43.75 0.93 -0.30	46.77 1.83 -0.29	50.92 2.25 -0.71	57.26 2.99 -1.74	57.33 2.87 -2.27	62.11 3.84 -1.76	63.55 3.83 -1.72	59.27 2.91 -0.34	57.80 2.23 0.00	50.24 1.98 0.00	43.82 1.78 -0.59	39.77 2.29 -0.47
HOLTSVILLE_IC_9 23698	40.87 2.27 -8.73	37.76 2.34 -9.06	32.59 2.15 -6.25	30.70 2.17 -4.40	32.25 2.31 -5.65	34.28 2.30 -6.76	37.50 2.52 -2.24	40.79 3.04 -4.01	41.77 3.17 -0.01	42.94 3.40 -0.01	43.70 2.86 -0.01	42.90 0.96 -0.11	43.75 0.93 -0.30	46.77 1.83 -0.29	50.92 2.25 -0.71	57.26 2.99 -1.74	57.33 2.87 -2.27	62.11 3.84 -1.76	63.55 3.83 -1.72	59.27 2.91 -0.34	57.80 2.23 0.00	50.24 1.98 0.00	43.82 1.78 -0.59	39.77 2.29 -0.47
HOMER_HL_115KV_TB2 355744	30.17 0.30 0.00	26.49 0.13 0.00	24.21 0.02 0.00	24.05 -0.07 0.00	24.22 -0.07 0.00	25.30 0.08 0.00	32.48 -0.26 0.00	34.38 0.64 0.00	38.71 0.12 0.00	39.65 0.12 0.00	40.59 -0.25 0.00	40.53 -1.30 0.00	41.45 -1.06 0.00	43.98 -0.67 0.00	47.38 -0.58 0.00	50.90 -1.63 0.00	51.09 -1.10 0.00	56.22 -0.28 0.00	58.46 0.46 0.00	56.07 0.06 0.00	54.58 -1.00 0.00	47.54 -0.72 0.00	40.34 -1.12 0.00	36.48 -0.52 0.00
HOWARD_WT_PWR 323690	30.41 0.54 0.00	26.75 0.40 0.00	24.50 0.31 0.00	24.36 0.24 0.00	24.56 0.27 0.00	25.83 0.60 0.00	33.10 0.36 0.00	34.75 1.01 0.00	39.21 0.62 0.00	40.12 0.59 0.00	41.49 0.65 0.00	42.71 0.88 0.00	43.49 0.98 0.00	45.23 0.58 0.00	48.67 0.72 0.00	52.42 -0.10 0.00	52.51 0.32 0.00	57.69 1.19 0.00	60.20 2.20 0.00	57.98 1.96 0.00	56.80 1.22 0.00	49.28 1.02 0.00	41.67 0.21 0.00	37.00 0.00 0.00
HQ_GEN_CEDARS 23644	29.67 -0.21 0.00	26.07 -0.29 0.00	23.95 -0.24 0.00	23.88 -0.24 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.84 0.10 0.00	33.64 -0.10 0.00	38.75 0.15 0.00	39.65 0.12 0.00	41.16 0.33 0.00	42.46 0.63 0.00	43.24 0.72 0.00	45.41 0.76 0.00	48.53 0.58 0.00	53.21 0.68 0.00	52.87 0.68 0.00	56.73 0.23 0.00	58.00 0.00 0.00	56.30 0.28 0.00	56.36 0.78 0.00	49.03 0.77 0.00	42.29 0.83 0.00	37.67 0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	29.67 -0.21 0.00	26.07 -0.29 0.00	23.95 -0.24 0.00	23.88 -0.24 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.84 0.10 0.00	33.64 -0.10 0.00	38.75 0.16 0.00	39.65 0.12 0.00	41.16 0.33 0.00	42.46 0.63 0.00	43.11 0.59 0.00	45.28 0.62 0.00	48.38 0.43 0.00	53.05 0.53 0.00	52.71 0.52 0.00	56.50 0.00 0.00	57.83 -0.17 0.00	56.19 0.17 0.00	56.13 0.56 0.00	48.84 0.58 0.00	42.20 0.75 0.00	37.67 0.67 0.00

HQ_GEN_IMPORT 323601	29.58 -0.30 0.00	25.99 -0.37 0.00	23.85 -0.34 0.00	23.81 -0.31 0.00	23.97 -0.32 0.00	24.90 -0.33 0.00	32.58 -0.16 0.00	33.37 -0.37 0.00	38.44 -0.15 0.00	39.33 -0.20 0.00	40.80 -0.04 0.00	41.91 0.08 0.00	42.60 0.09 0.00	44.70 0.04 0.00	48.00 0.05 0.00	52.58 0.05 0.00	52.61 0.05 -0.37	55.74 -0.39 0.37	57.42 -0.58 0.00	55.74 -0.28 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.58 0.12 0.00	37.15 0.15 0.00
HQ_GEN_WHEEL 23651	29.58 -0.30 0.00	25.99 -0.37 0.00	23.85 -0.34 0.00	23.81 -0.31 0.00	23.97 -0.32 0.00	24.90 -0.33 0.00	32.58 -0.16 0.00	33.37 -0.37 0.00	38.44 -0.15 0.00	39.33 -0.20 0.00	40.80 -0.04 0.00	41.91 0.08 0.00	42.60 0.09 0.00	44.70 0.04 0.00	48.00 0.05 0.00	52.58 0.05 0.00	52.61 0.05 -0.37	55.74 -0.39 0.37	57.42 -0.58 0.00	55.74 -0.28 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.58 0.12 0.00	37.15 0.15 0.00
HUDSON AVE_GT_3 23810	31.82 1.94 0.00	28.23 1.87 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.58 2.83 0.00	41.53 2.93 0.00	42.69 3.16 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.78 3.52 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.57 2.11 0.00	39.04 2.04 0.00
HUDSON AVE_GT_4 23540	31.82 1.94 0.00	28.23 1.87 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.58 2.83 0.00	41.53 2.93 0.00	42.69 3.16 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.78 3.52 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.57 2.11 0.00	39.04 2.04 0.00
HUDSON AVE_GT_5 23657	31.82 1.94 0.00	28.23 1.87 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.58 2.83 0.00	41.53 2.93 0.00	42.69 3.16 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.78 3.52 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.57 2.11 0.00	39.04 2.04 0.00
HUDSON_AVE_10 24168	31.70 1.82 0.00	28.12 1.77 0.00	25.78 1.60 0.00	25.74 1.62 0.00	25.99 1.70 0.00	26.94 1.72 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.42 2.82 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.64 2.68 -0.30	51.55 2.88 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.45 1.99 0.00	38.89 1.89 0.00
HUDSON___115KV_TB 4 355613	30.98 1.11 0.00	27.52 1.16 0.00	25.23 1.04 0.00	25.18 1.06 0.00	25.33 1.04 0.00	26.31 1.08 0.00	33.82 1.08 0.00	35.09 1.35 0.00	39.76 1.16 0.00	40.52 0.99 0.00	41.61 0.78 0.00	42.62 0.84 0.04	43.24 0.85 0.12	45.20 0.67 0.13	48.51 0.86 0.30	53.01 1.21 0.72	53.23 1.25 0.22	58.31 1.81 0.00	60.15 2.15 0.00	57.87 1.85 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.58 1.12 0.00	38.00 1.00 0.00
HUNTER MOUNT___DRP 323613	31.01 1.14 0.00	27.54 1.19 0.00	25.25 1.06 0.00	25.18 1.06 0.00	25.33 1.04 0.00	26.34 1.11 0.00	33.86 1.11 0.00	35.12 1.38 0.00	39.79 1.20 0.00	40.52 0.99 0.00	41.53 0.69 0.00	42.72 0.92 0.02	43.38 0.94 0.07	45.25 0.67 0.07	48.79 1.01 0.17	53.48 1.37 0.41	53.48 1.41 0.12	58.37 1.86 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.41 1.83 0.00	49.85 1.59 0.00	42.70 1.24 0.00	38.07 1.07 0.00
HUNTINGTON_RES_REC 323705	40.70 2.06 -8.76	37.56 2.11 -9.09	32.40 1.94 -6.28	30.50 1.95 -4.42	32.03 2.06 -5.68	34.05 2.04 -6.78	37.28 2.29 -2.25	40.63 2.87 -4.03	41.50 2.90 -0.01	42.62 3.09 -0.01	43.21 2.37 -0.01	42.53 0.59 -0.11	43.41 0.59 -0.30	46.41 1.47 -0.29	50.49 1.82 -0.71	56.79 2.52 -1.74	56.83 2.35 -2.29	61.55 3.28 -1.77	62.86 3.13 -1.74	58.66 2.30 -0.34	57.24 1.67 0.00	49.71 1.45 0.00	43.41 1.37 -0.59	39.32 1.85 -0.47
HUNTLEY___63 23557	30.44 0.57 0.00	26.65 0.29 0.00	24.33 0.15 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.30 0.08 0.00	32.22 -0.52 0.00	33.81 0.07 0.00	38.21 -0.39 0.00	39.21 -0.32 0.00	40.02 -0.82 0.00	40.82 -1.00 0.00	41.75 -0.77 0.00	44.25 -0.40 0.00	47.67 -0.29 0.00	50.84 -1.68 0.00	50.78 -1.41 0.00	55.94 -0.57 0.00	58.35 0.35 0.00	56.13 0.11 0.00	54.58 -1.00 0.00	47.49 -0.77 0.00	40.50 -0.95 0.00	36.52 -0.48 0.00
HUNTLEY___64 23558	30.44 0.57 0.00	26.65 0.29 0.00	24.33 0.15 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.30 0.08 0.00	32.22 -0.52 0.00	33.81 0.07 0.00	38.21 -0.39 0.00	39.21 -0.32 0.00	40.02 -0.82 0.00	40.82 -1.00 0.00	41.75 -0.77 0.00	44.25 -0.40 0.00	47.67 -0.29 0.00	50.84 -1.68 0.00	50.78 -1.41 0.00	55.94 -0.57 0.00	58.35 0.35 0.00	56.13 0.11 0.00	54.58 -1.00 0.00	47.49 -0.77 0.00	40.50 -0.95 0.00	36.52 -0.48 0.00
HUNTLEY___65 23559	30.44 0.57 0.00	26.65 0.29 0.00	24.33 0.15 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.30 0.08 0.00	32.22 -0.52 0.00	33.81 0.07 0.00	38.21 -0.39 0.00	39.21 -0.32 0.00	40.02 -0.82 0.00	40.82 -1.00 0.00	41.75 -0.77 0.00	44.25 -0.40 0.00	47.67 -0.29 0.00	50.84 -1.68 0.00	50.78 -1.41 0.00	55.94 -0.57 0.00	58.35 0.35 0.00	56.13 0.11 0.00	54.58 -1.00 0.00	47.49 -0.77 0.00	40.50 -0.95 0.00	36.52 -0.48 0.00
HUNTLEY___66 23560	30.44 0.57 0.00	26.65 0.29 0.00	24.33 0.15 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.30 0.08 0.00	32.22 -0.52 0.00	33.81 0.07 0.00	38.21 -0.39 0.00	39.21 -0.32 0.00	40.02 -0.82 0.00	40.82 -1.00 0.00	41.75 -0.77 0.00	44.25 -0.40 0.00	47.67 -0.29 0.00	50.84 -1.68 0.00	50.78 -1.41 0.00	55.94 -0.57 0.00	58.35 0.35 0.00	56.13 0.11 0.00	54.58 -1.00 0.00	47.49 -0.77 0.00	40.50 -0.95 0.00	36.52 -0.48 0.00
HUNTLEY___67 23561	30.26 0.39 0.00	26.49 0.13 0.00	24.19 0.00 0.00	23.98 -0.14 0.00	24.12 -0.17 0.00	25.15 -0.08 0.00	32.05 -0.69 0.00	33.64 -0.10 0.00	37.98 -0.62 0.00	38.97 -0.55 0.00	39.78 -1.06 0.00	40.53 -1.30 0.00	41.45 -1.06 0.00	43.89 -0.76 0.00	47.28 -0.67 0.00	50.48 -2.05 0.00	50.42 -1.77 0.00	55.54 -0.96 0.00	57.88 -0.12 0.00	55.68 -0.34 0.00	54.19 -1.39 0.00	47.10 -1.16 0.00	40.21 -1.24 0.00	36.30 -0.70 0.00
HUNTLEY___68 23562	30.26 0.39 0.00	26.49 0.13 0.00	24.19 0.00 0.00	23.98 -0.14 0.00	24.12 -0.17 0.00	25.15 -0.08 0.00	32.05 -0.69 0.00	33.64 -0.10 0.00	37.98 -0.62 0.00	38.97 -0.55 0.00	39.78 -1.06 0.00	40.53 -1.30 0.00	41.45 -1.06 0.00	43.89 -0.76 0.00	47.28 -0.67 0.00	50.48 -2.05 0.00	50.42 -1.77 0.00	55.54 -0.96 0.00	57.88 -0.12 0.00	55.68 -0.34 0.00	54.19 -1.39 0.00	47.10 -1.16 0.00	40.21 -1.24 0.00	36.30 -0.70 0.00

HYLAND___LFGE 323620	31.70 1.82 0.00	27.78 1.42 0.00	25.40 1.21 0.00	25.18 1.06 0.00	25.36 1.07 0.00	26.64 1.41 0.00	34.09 1.34 0.00	35.29 1.55 0.00	39.29 0.70 0.00	39.92 0.40 0.00	39.82 -1.02 0.00	41.20 -0.63 0.00	41.92 -0.60 0.00	43.63 -1.03 0.00	46.94 -1.01 0.00	50.74 -1.79 0.00	50.99 -1.20 0.00	56.62 0.11 0.00	59.85 1.86 0.00	58.76 2.74 0.00	58.02 2.44 0.00	50.48 2.22 0.00	42.70 1.24 0.00	39.03 2.03 0.00
INDECK___CORINTH 23802	30.83 0.96 0.00	27.46 1.11 0.00	25.13 0.94 0.00	25.06 0.94 0.00	25.21 0.92 0.00	26.01 0.78 0.00	33.46 0.72 0.00	34.62 0.88 0.00	39.41 0.81 0.00	40.04 0.51 0.00	41.13 0.29 0.00	41.88 0.13 0.08	42.43 0.13 0.21	44.57 0.13 0.22	47.67 0.24 0.52	51.85 0.58 1.25	52.49 0.68 0.37	57.86 1.35 0.00	59.62 1.62 0.00	57.36 1.34 0.00	56.75 1.17 0.00	49.37 1.11 0.00	42.12 0.66 0.00	38.04 1.03 0.00
INDECK___ILION 23567	29.75 -0.12 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.07 -0.05 0.00	24.27 -0.02 0.00	25.20 -0.03 0.00	32.64 -0.10 0.00	33.77 0.03 0.00	38.56 -0.04 0.00	39.45 -0.08 0.00	40.67 -0.16 0.00	41.66 -0.17 0.00	42.30 -0.21 0.00	44.43 -0.22 0.00	47.71 -0.24 0.00	52.31 -0.21 0.00	52.03 -0.16 0.00	56.39 -0.11 0.00	58.00 0.00 0.00	55.91 -0.11 0.00	55.36 -0.22 0.00	48.02 -0.24 0.00	41.29 -0.17 0.00	36.82 -0.19 0.00
INDECK___OLEAN 23982	30.17 0.30 0.00	26.49 0.13 0.00	24.21 0.02 0.00	24.05 -0.07 0.00	24.22 -0.07 0.00	25.45 0.23 0.00	32.48 -0.26 0.00	34.38 0.64 0.00	38.71 0.12 0.00	39.57 0.04 0.00	41.04 0.21 0.00	42.29 0.46 0.00	43.06 0.55 0.00	44.21 -0.45 0.00	47.47 -0.48 0.00	51.00 -1.52 0.00	51.35 -0.84 0.00	56.33 -0.17 0.00	58.58 0.58 0.00	56.13 0.11 0.00	54.69 -0.89 0.00	47.78 -0.48 0.00	40.96 -0.50 0.00	36.45 -0.55 0.00
INDECK___OSWEGO 23783	29.52 -0.36 0.00	26.07 -0.29 0.00	23.90 -0.29 0.00	23.81 -0.31 0.00	23.97 -0.32 0.00	24.95 -0.28 0.00	32.25 -0.49 0.00	33.24 -0.51 0.00	37.86 -0.73 0.00	38.78 -0.75 0.00	40.06 -0.78 0.00	40.99 -0.84 0.00	41.66 -0.85 0.00	43.40 -1.25 0.00	46.61 -1.34 0.00	50.90 -1.63 0.00	50.63 -1.56 0.00	55.15 -1.36 0.00	56.84 -1.16 0.00	54.79 -1.23 0.00	54.13 -1.45 0.00	47.06 -1.20 0.00	40.63 -0.83 0.00	36.19 -0.81 0.00
INDECK___YERKES 23781	30.47 0.60 0.00	26.67 0.32 0.00	24.36 0.17 0.00	24.15 0.02 0.00	24.29 0.00 0.00	25.53 0.30 0.00	32.25 -0.49 0.00	33.84 0.10 0.00	38.21 -0.39 0.00	39.13 -0.40 0.00	40.76 -0.08 0.00	42.41 0.59 0.00	43.15 0.64 0.00	44.61 -0.04 0.00	47.76 -0.19 0.00	51.00 -1.52 0.00	51.25 -0.94 0.00	56.11 -0.39 0.00	58.46 0.46 0.00	56.19 0.17 0.00	54.75 -0.83 0.00	47.68 -0.58 0.00	40.67 -0.79 0.00	36.56 -0.44 0.00
INDIAN POINT_GT_1 24139	31.52 1.64 0.00	27.96 1.61 0.00	25.66 1.48 0.00	25.62 1.50 0.00	25.84 1.55 0.00	26.79 1.56 0.00	34.51 1.77 0.00	36.14 2.40 0.00	41.03 2.43 0.00	42.10 2.57 0.00	43.33 2.49 0.00	44.36 2.43 -0.10	45.14 2.34 -0.29	47.23 2.28 -0.30	51.11 2.45 -0.71	57.28 3.05 -1.71	55.57 2.87 -0.51	60.17 3.67 0.00	61.54 3.54 0.00	58.76 2.74 0.00	57.64 2.06 0.00	49.90 1.64 0.00	43.16 1.70 0.00	38.67 1.67 0.00
INDIAN POINT_GT_2 23659	31.52 1.64 0.00	27.96 1.61 0.00	25.66 1.48 0.00	25.62 1.50 0.00	25.84 1.55 0.00	26.79 1.56 0.00	34.51 1.77 0.00	36.14 2.40 0.00	41.03 2.43 0.00	42.10 2.57 0.00	43.33 2.49 0.00	44.36 2.43 -0.10	45.14 2.34 -0.29	47.23 2.28 -0.30	51.11 2.45 -0.71	57.28 3.05 -1.71	55.57 2.87 -0.51	60.17 3.67 0.00	61.54 3.54 0.00	58.76 2.74 0.00	57.64 2.06 0.00	49.90 1.64 0.00	43.16 1.70 0.00	38.67 1.67 0.00
INDIAN POINT_GT_3 24019	31.52 1.64 0.00	27.96 1.61 0.00	25.66 1.48 0.00	25.62 1.50 0.00	25.84 1.55 0.00	26.79 1.56 0.00	34.51 1.77 0.00	36.14 2.40 0.00	41.03 2.43 0.00	42.10 2.57 0.00	43.33 2.49 0.00	44.36 2.43 -0.10	45.14 2.34 -0.29	47.23 2.28 -0.30	51.11 2.45 -0.71	57.28 3.05 -1.71	55.57 2.87 -0.51	60.17 3.67 0.00	61.54 3.54 0.00	58.76 2.74 0.00	57.64 2.06 0.00	49.90 1.64 0.00	43.16 1.70 0.00	38.67 1.67 0.00
INDIAN POINT___2 23530	31.49 1.61 0.00	27.96 1.61 0.00	25.64 1.45 0.00	25.59 1.47 0.00	25.82 1.53 0.00	26.74 1.51 0.00	34.48 1.73 0.00	36.14 2.40 0.00	41.03 2.43 0.00	42.10 2.57 0.00	43.08 2.24 0.00	43.90 1.97 -0.10	44.79 2.00 -0.28	47.27 2.32 -0.29	51.19 2.54 -0.69	57.29 3.10 -1.67	55.50 2.82 -0.50	60.23 3.73 0.00	61.66 3.66 0.00	58.76 2.74 0.00	57.74 2.17 0.00	49.95 1.69 0.00	43.16 1.70 0.00	38.63 1.63 0.00
INDIAN POINT___3 23531	31.49 1.61 0.00	27.96 1.61 0.00	25.64 1.45 0.00	25.59 1.47 0.00	25.82 1.53 0.00	26.76 1.54 0.00	34.48 1.74 0.00	36.10 2.36 0.00	40.99 2.39 0.00	42.06 2.53 0.00	43.25 2.41 0.00	44.27 2.34 -0.10	45.05 2.25 -0.29	47.19 2.23 -0.30	51.01 2.35 -0.71	57.18 2.94 -1.71	55.41 2.71 -0.51	60.01 3.50 0.00	61.42 3.42 0.00	58.71 2.69 0.00	57.58 2.00 0.00	49.81 1.54 0.00	43.12 1.66 0.00	38.63 1.63 0.00
INGHAM_C_115KV_TB7 356103	29.25 -0.63 0.00	25.86 -0.50 0.00	23.73 -0.46 0.00	23.66 -0.46 0.00	23.85 -0.44 0.00	24.82 -0.40 0.00	32.19 -0.56 0.00	33.27 -0.47 0.00	37.98 -0.62 0.00	38.82 -0.71 0.00	40.06 -0.78 0.00	41.03 -0.79 0.00	41.66 -0.85 0.00	43.76 -0.89 0.00	46.99 -0.96 0.00	51.53 -1.00 0.00	51.25 -0.94 0.00	55.48 -1.02 0.00	57.07 -0.93 0.00	55.01 -1.01 0.00	54.47 -1.11 0.00	47.25 -1.01 0.00	40.71 -0.75 0.00	36.26 -0.74 0.00
IP CORINTH___1 23988	31.01 1.14 0.00	27.62 1.27 0.00	25.28 1.09 0.00	25.21 1.09 0.00	25.33 1.04 0.00	26.18 0.96 0.00	33.63 0.88 0.00	34.82 1.08 0.00	39.60 1.00 0.00	40.24 0.71 0.00	41.41 0.57 0.00	42.30 0.54 0.08	42.77 0.47 0.21	44.79 0.36 0.22	47.86 0.43 0.52	52.06 0.79 1.25	52.76 0.94 0.37	58.08 1.58 0.00	59.91 1.91 0.00	57.70 1.68 0.00	56.97 1.39 0.00	49.56 1.30 0.00	42.33 0.87 0.00	38.22 1.22 0.00
IP___TICONDEROGA 23804	32.03 2.15 0.00	28.52 2.16 0.00	25.95 1.77 0.00	25.91 1.79 0.00	25.99 1.70 0.00	27.09 1.87 0.00	34.71 1.96 0.00	35.83 2.09 0.00	40.91 2.32 0.00	41.23 1.70 0.00	42.47 1.63 0.00	43.43 1.67 0.08	43.92 1.62 0.21	46.00 1.56 0.22	49.21 1.77 0.52	53.53 2.26 1.25	54.64 2.82 0.37	60.40 3.90 0.00	62.76 4.76 0.00	60.50 4.48 0.00	59.86 4.28 0.00	52.22 3.96 0.00	44.07 2.61 0.00	39.63 2.63 0.00
ISLIP_RES_REC 323679	41.09 2.45 -8.77	37.93 2.48 -9.10	32.74 2.27 -6.28	30.84 2.29 -4.42	32.40 2.43 -5.68	34.41 2.40 -6.79	37.68 2.69 -2.25	41.01 3.24 -4.03	42.00 3.40 -0.01	43.17 3.63 -0.01	43.99 3.14 -0.01	43.20 1.25 -0.11	44.05 1.23 -0.30	47.13 2.19 -0.29	51.25 2.59 -0.71	57.68 3.41 -1.74	57.89 3.34 -2.36	62.70 4.35 -1.85	64.10 4.29 -1.81	59.80 3.42 -0.36	58.19 2.61 0.00	50.63 2.36 0.00	44.10 2.03 -0.62	40.01 2.52 -0.49

JAMAICA__27_KV_LOAD 355505	31.76 1.88 0.00	28.18 1.82 0.00	25.78 1.60 0.00	25.74 1.62 0.00	25.99 1.70 0.00	26.99 1.77 0.00	34.90 2.16 0.00	36.58 2.83 0.00	41.57 2.97 0.00	42.73 3.20 0.00	43.94 3.10 0.00	45.03 3.10 -0.10	45.78 2.98 -0.29	47.95 2.99 -0.30	51.84 3.16 -0.72	58.04 3.78 -1.73	56.20 3.50 -0.52	61.02 4.52 0.00	62.29 4.29 0.00	59.55 3.53 0.00	58.36 2.78 0.00	50.39 2.12 0.00	43.65 2.20 0.00	39.04 2.04 0.00
JANIS__SOLAR 323808	31.10 1.23 0.00	27.44 1.08 0.00	25.18 0.99 0.00	25.04 0.92 0.00	25.29 1.00 0.00	26.49 1.26 0.00	34.28 1.54 0.00	35.70 1.96 0.00	40.45 1.85 0.00	41.23 1.70 0.00	42.47 1.64 0.00	43.33 1.50 0.00	44.04 1.53 0.00	46.21 1.56 0.00	49.63 1.68 0.00	54.20 1.68 0.00	54.33 2.14 0.00	59.61 3.11 0.00	62.18 4.18 0.00	59.94 3.92 0.00	59.14 3.56 0.00	51.35 3.09 0.00	43.61 2.15 0.00	38.59 1.59 0.00
JARVIS____ 23743	29.99 0.12 0.00	26.52 0.16 0.00	24.33 0.15 0.00	24.29 0.17 0.00	24.46 0.17 0.00	25.38 0.15 0.00	32.87 0.13 0.00	33.98 0.24 0.00	38.79 0.19 0.00	39.69 0.16 0.00	40.92 0.08 0.00	41.87 0.04 0.00	42.56 0.04 0.00	44.74 0.09 0.00	48.05 0.10 0.00	52.68 0.16 0.00	52.35 0.16 0.00	56.79 0.28 0.00	58.35 0.35 0.00	56.24 0.22 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.54 0.08 0.00	37.04 0.04 0.00
JENNISON____1 23625	31.22 1.34 0.00	27.62 1.27 0.00	25.32 1.14 0.00	25.21 1.09 0.00	25.48 1.19 0.00	26.61 1.39 0.00	34.48 1.74 0.00	36.07 2.33 0.00	40.95 2.35 0.00	41.82 2.29 0.00	43.00 2.16 0.00	43.75 1.92 0.00	44.47 1.96 0.00	46.89 2.23 0.00	50.35 2.40 0.00	55.05 2.52 0.00	55.06 2.87 0.00	60.17 3.67 0.00	62.52 4.52 0.00	60.00 3.98 0.00	59.08 3.50 0.00	51.30 3.04 0.00	43.65 2.20 0.00	38.74 1.74 0.00
JENNISON____2 23626	31.22 1.34 0.00	27.62 1.27 0.00	25.32 1.14 0.00	25.21 1.09 0.00	25.48 1.19 0.00	26.61 1.39 0.00	34.48 1.74 0.00	36.07 2.33 0.00	40.95 2.35 0.00	41.82 2.29 0.00	43.00 2.16 0.00	43.75 1.92 0.00	44.47 1.96 0.00	46.89 2.23 0.00	50.35 2.40 0.00	55.05 2.52 0.00	55.06 2.87 0.00	60.17 3.67 0.00	62.52 4.52 0.00	60.00 3.98 0.00	59.08 3.50 0.00	51.30 3.04 0.00	43.65 2.20 0.00	38.74 1.74 0.00
JERICOHO_RISE_WT_PWR 323719	29.22 -0.66 0.00	25.65 -0.71 0.00	23.56 -0.63 0.00	23.50 -0.63 0.00	23.71 -0.58 0.00	24.65 -0.58 0.00	32.42 -0.33 0.00	33.24 -0.51 0.00	38.37 -0.23 0.00	39.33 -0.20 0.00	40.88 0.04 0.00	42.12 0.29 0.00	42.68 0.17 0.00	44.65 0.00 0.00	47.86 -0.10 0.00	52.58 0.05 0.00	52.29 0.10 0.00	56.11 -0.39 0.00	57.53 -0.47 0.00	55.91 -0.11 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.87 0.41 0.00	37.45 0.45 0.00
KATONAH__115KV_46KV_TB4 355592	31.61 1.73 0.00	28.07 1.71 0.00	25.76 1.57 0.00	25.71 1.59 0.00	25.97 1.68 0.00	26.89 1.66 0.00	34.67 1.93 0.00	36.27 2.53 0.00	41.18 2.59 0.00	42.25 2.73 0.00	43.53 2.70 0.00	44.61 2.68 -0.10	45.40 2.59 -0.29	47.55 2.59 -0.30	51.50 2.83 -0.72	57.88 3.62 -1.73	56.20 3.50 -0.52	60.74 4.24 0.00	62.18 4.18 0.00	59.27 3.25 0.00	58.08 2.50 0.00	50.29 2.03 0.00	43.45 1.99 0.00	38.89 1.89 0.00
KCE_NY_1 323755	31.31 1.43 0.00	27.83 1.48 0.00	25.49 1.31 0.00	25.42 1.30 0.00	25.58 1.29 0.00	26.51 1.29 0.00	34.09 1.34 0.00	35.33 1.59 0.00	40.22 1.62 0.00	40.99 1.46 0.00	42.11 1.27 0.00	42.88 1.13 0.08	43.39 1.10 0.22	45.62 1.21 0.23	48.74 1.34 0.56	52.92 1.73 1.33	53.57 1.78 0.40	58.93 2.43 0.00	60.67 2.67 0.00	58.43 2.41 0.00	57.74 2.17 0.00	50.19 1.93 0.00	42.99 1.53 0.00	38.48 1.48 0.00
KCE_NY_6_ESR 323823	30.50 0.63 0.00	26.73 0.37 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.36 0.07 0.00	25.60 0.38 0.00	32.45 -0.30 0.00	34.15 0.41 0.00	38.56 -0.04 0.00	39.49 -0.04 0.00	41.08 0.25 0.00	42.62 0.79 0.00	43.41 0.89 0.00	44.88 0.22 0.00	48.10 0.14 0.00	51.47 -1.05 0.00	51.67 -0.52 0.00	56.56 0.06 0.00	58.92 0.93 0.00	56.58 0.56 0.00	55.08 -0.50 0.00	48.02 -0.24 0.00	40.88 -0.58 0.00	36.67 -0.33 0.00
KEDC_PORT_JEFF_GT2 24210	40.82 2.24 -8.71	37.71 2.32 -9.03	32.55 2.13 -6.24	30.66 2.15 -4.39	32.21 2.28 -5.64	34.21 2.24 -6.74	37.43 2.46 -2.23	40.74 3.00 -4.00	41.70 3.09 -0.01	42.86 3.32 -0.01	43.63 2.78 -0.01	42.82 0.88 -0.11	43.71 0.89 -0.30	46.73 1.79 -0.29	50.83 2.16 -0.71	56.89 2.63 -1.74	56.92 2.51 -2.22	61.66 3.45 -1.71	63.04 3.36 -1.67	58.87 2.52 -0.33	57.36 1.78 0.00	50.14 1.88 0.00	43.73 1.70 -0.57	39.71 2.26 -0.46
KEDC_PORT_JEFF_GT3 24211	40.82 2.24 -8.71	37.71 2.32 -9.03	32.55 2.13 -6.24	30.66 2.15 -4.39	32.21 2.28 -5.64	34.21 2.24 -6.74	37.43 2.46 -2.23	40.74 3.00 -4.00	41.70 3.09 -0.01	42.86 3.32 -0.01	43.63 2.78 -0.01	42.82 0.88 -0.11	43.71 0.89 -0.30	46.73 1.79 -0.29	50.83 2.16 -0.71	56.89 2.63 -1.74	56.92 2.51 -2.22	61.66 3.45 -1.71	63.04 3.36 -1.67	58.87 2.52 -0.33	57.36 1.78 0.00	50.14 1.88 0.00	43.73 1.70 -0.57	39.71 2.26 -0.46
KEDC_GLWD_GT4 24219	46.94 2.03 -15.03	43.93 1.98 -15.59	36.77 1.82 -10.76	33.54 1.83 -7.58	35.94 1.92 -9.74	38.75 1.89 -11.63	38.82 2.23 -3.85	43.51 2.87 -6.90	41.59 2.97 -0.02	42.59 3.04 -0.02	43.55 2.69 -0.02	43.79 1.84 -0.12	44.69 1.87 -0.31	47.40 2.45 -0.30	51.26 2.59 -0.72	57.53 3.26 -1.75	64.45 2.97 -9.29	69.19 3.90 -8.79	70.36 3.77 -8.60	60.61 2.91 -1.69	57.86 2.28 0.00	50.10 1.83 0.00	46.61 2.15 -3.00	41.42 2.07 -2.35
KEDC_GLWD_GT5 24220	46.94 2.03 -15.03	43.93 1.98 -15.59	36.77 1.82 -10.76	33.54 1.83 -7.58	35.94 1.92 -9.74	38.75 1.89 -11.63	38.82 2.23 -3.85	43.51 2.87 -6.90	41.59 2.97 -0.02	42.59 3.04 -0.02	43.55 2.69 -0.02	43.79 1.84 -0.12	44.69 1.87 -0.31	47.40 2.45 -0.30	51.26 2.59 -0.72	57.53 3.26 -1.75	64.45 2.97 -9.29	69.19 3.90 -8.79	70.36 3.77 -8.60	60.61 2.91 -1.69	57.86 2.28 0.00	50.10 1.83 0.00	46.61 2.15 -3.00	41.42 2.07 -2.35
KENSICO____ 23655	31.61 1.73 0.00	28.04 1.69 0.00	25.74 1.55 0.00	25.69 1.57 0.00	25.92 1.63 0.00	26.87 1.64 0.00	34.61 1.87 0.00	36.27 2.53 0.00	41.18 2.59 0.00	42.25 2.73 0.00	43.45 2.61 0.00	44.48 2.55 -0.10	45.27 2.47 -0.29	47.37 2.41 -0.30	51.26 2.59 -0.72	57.41 3.15 -1.73	55.68 2.97 -0.51	60.29 3.79 0.00	61.65 3.65 0.00	58.93 2.91 0.00	57.75 2.17 0.00	49.95 1.69 0.00	43.28 1.82 0.00	38.78 1.78 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.49 1.61 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.76 1.54 0.00	34.51 1.77 0.00	36.34 2.60 0.00	41.26 2.66 0.00	42.25 2.73 0.00	43.37 2.53 0.00	44.41 2.51 -0.07	45.21 2.51 -0.19	47.44 2.59 -0.20	51.16 2.73 -0.47	57.07 3.41 -1.13	55.92 3.39 -0.34	60.80 4.29 0.00	62.52 4.52 0.00	59.66 3.64 0.00	58.69 3.11 0.00	50.72 2.46 0.00	43.74 2.28 0.00	39.00 2.00 0.00

KIAC_JFK_GT1 23816	31.61 1.73 0.00	28.02 1.66 0.00	25.66 1.48 0.00	25.62 1.50 0.00	25.87 1.58 0.00	26.87 1.64 0.00	34.71 1.96 0.00	36.27 2.53 0.00	41.18 2.59 0.00	42.33 2.81 0.00	43.57 2.74 0.00	44.61 2.68 -0.10	45.40 2.59 -0.29	47.50 2.55 -0.30	51.36 2.69 -0.72	57.51 3.26 -1.73	55.68 2.97 -0.52	60.46 3.96 0.00	61.71 3.71 0.00	58.93 2.91 0.00	57.75 2.17 0.00	49.90 1.64 0.00	43.24 1.78 0.00	38.67 1.67 0.00
KIAC_JFK_GT2 23817	31.61 1.73 0.00	28.02 1.66 0.00	25.66 1.48 0.00	25.62 1.50 0.00	25.87 1.58 0.00	26.87 1.64 0.00	34.71 1.96 0.00	36.27 2.53 0.00	41.18 2.59 0.00	42.33 2.81 0.00	43.57 2.74 0.00	44.61 2.68 -0.10	45.40 2.59 -0.29	47.50 2.55 -0.30	51.36 2.69 -0.72	57.51 3.26 -1.73	55.68 2.97 -0.52	60.46 3.96 0.00	61.71 3.71 0.00	58.93 2.91 0.00	57.75 2.17 0.00	49.90 1.64 0.00	43.24 1.78 0.00	38.67 1.67 0.00
KIAC_JFK____ 323774	31.61 1.73 0.00	28.02 1.66 0.00	25.66 1.48 0.00	25.62 1.50 0.00	25.87 1.58 0.00	26.82 1.59 0.00	34.71 1.96 0.00	36.27 2.53 0.00	41.22 2.63 0.00	42.37 2.85 0.00	43.37 2.53 0.00	44.19 2.26 -0.10	45.06 2.25 -0.29	47.59 2.63 -0.30	51.55 2.88 -0.72	57.67 3.41 -1.73	55.73 3.03 -0.52	60.62 4.12 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.91 2.33 0.00	50.00 1.73 0.00	43.28 1.82 0.00	38.67 1.67 0.00
KINTIGH__24_KV_GSU 356498	30.11 0.24 0.00	26.41 0.05 0.00	24.09 -0.10 0.00	23.90 -0.22 0.00	24.05 -0.24 0.00	25.23 0.00 0.00	32.02 -0.72 0.00	33.44 -0.30 0.00	37.79 -0.81 0.00	38.70 -0.83 0.00	40.23 -0.61 0.00	41.70 -0.13 0.00	42.43 -0.08 0.00	43.94 -0.72 0.00	47.14 -0.82 0.00	50.48 -2.05 0.00	50.63 -1.56 0.00	55.37 -1.13 0.00	57.60 -0.40 0.00	55.51 -0.51 0.00	54.30 -1.28 0.00	47.25 -1.02 0.00	40.34 -1.12 0.00	36.26 -0.74 0.00
KINTIGH____ 23543	30.11 0.24 0.00	26.41 0.05 0.00	24.09 -0.10 0.00	23.91 -0.22 0.00	24.05 -0.24 0.00	25.05 -0.18 0.00	32.02 -0.72 0.00	33.44 -0.30 0.00	37.83 -0.77 0.00	38.82 -0.71 0.00	39.65 -1.18 0.00	40.49 -1.34 0.00	41.32 -1.19 0.00	43.71 -0.94 0.00	47.04 -0.91 0.00	50.37 -2.15 0.00	50.31 -1.88 0.00	55.32 -1.19 0.00	57.59 -0.41 0.00	55.51 -0.50 0.00	54.24 -1.33 0.00	47.15 -1.11 0.00	40.25 -1.20 0.00	36.26 -0.74 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.67 -0.21 0.00	26.04 -0.32 0.00	23.95 -0.24 0.00	23.86 -0.27 0.00	24.07 -0.22 0.00	25.05 -0.18 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.02 0.42 0.00	39.96 0.43 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.62 1.11 0.00	45.86 1.21 0.00	49.10 1.15 0.00	53.94 1.42 0.00	53.70 1.51 0.00	57.69 1.19 0.00	59.28 1.28 0.00	57.48 1.46 0.00	57.41 1.83 0.00	49.81 1.54 0.00	42.78 1.33 0.00	38.04 1.04 0.00
LACHUTE____HYDRO 323717	32.03 2.15 0.00	28.52 2.16 0.00	25.95 1.76 0.00	25.91 1.79 0.00	25.99 1.70 0.00	27.07 1.84 0.00	34.71 1.96 0.00	35.83 2.09 0.00	40.91 2.32 0.00	41.23 1.70 0.00	42.43 1.59 0.00	43.30 1.55 0.08	43.83 1.53 0.21	46.04 1.61 0.22	49.30 1.87 0.52	53.64 2.37 1.25	54.69 2.87 0.37	60.51 4.01 0.00	62.81 4.81 0.00	60.55 4.54 0.00	59.92 4.34 0.00	52.27 4.00 0.00	44.11 2.66 0.00	39.63 2.63 0.00
LAWRNCALV_115KV_TB1 80681	29.67 -0.21 0.00	26.07 -0.29 0.00	23.97 -0.22 0.00	23.88 -0.24 0.00	24.10 -0.19 0.00	25.07 -0.15 0.00	32.94 0.20 0.00	33.77 0.03 0.00	38.91 0.31 0.00	39.76 0.24 0.00	41.29 0.45 0.00	42.54 0.71 0.00	43.32 0.81 0.00	45.55 0.89 0.00	48.67 0.72 0.00	53.31 0.79 0.00	52.97 0.78 0.00	56.84 0.34 0.00	58.06 0.06 0.00	56.35 0.34 0.00	56.41 0.83 0.00	49.23 0.97 0.00	42.41 0.95 0.00	37.74 0.74 0.00
LEDERLE____ 23769	31.58 1.70 0.00	28.02 1.66 0.00	25.71 1.52 0.00	25.67 1.54 0.00	25.89 1.60 0.00	26.84 1.61 0.00	34.64 1.90 0.00	36.31 2.56 0.00	41.22 2.62 0.00	42.33 2.81 0.00	43.53 2.70 0.00	44.56 2.64 -0.10	45.34 2.55 -0.27	47.53 2.59 -0.29	51.37 2.73 -0.68	57.52 3.36 -1.63	55.86 3.18 -0.49	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.32 1.87 0.00	38.78 1.78 0.00
LIGHTHSE_115KV_TB6 355974	29.93 0.06 0.00	26.41 0.05 0.00	24.21 0.02 0.00	24.12 0.00 0.00	24.34 0.05 0.00	25.33 0.10 0.00	32.81 0.07 0.00	33.88 0.13 0.00	38.60 0.00 0.00	39.45 -0.08 0.00	40.72 -0.12 0.00	41.58 -0.25 0.00	42.26 -0.26 0.00	44.38 -0.27 0.00	47.71 -0.24 0.00	52.16 -0.37 0.00	52.03 -0.16 0.00	56.62 0.11 0.00	58.46 0.46 0.00	56.47 0.45 0.00	55.80 0.22 0.00	48.50 0.24 0.00	41.62 0.17 0.00	36.96 -0.04 0.00
LINDEN COGEN____ 23786	31.61 1.73 0.00	28.04 1.69 0.00	25.71 1.52 0.00	25.67 1.55 0.00	25.92 1.63 0.00	26.84 1.62 0.00	34.67 1.93 0.00	36.37 2.63 0.00	41.30 2.70 0.00	42.45 2.92 0.00	43.45 2.62 0.00	44.15 2.22 -0.10	44.20 2.17 0.48	45.51 2.45 1.60	45.79 2.68 4.85	46.73 3.15 8.95	46.85 2.82 8.16	55.34 3.79 4.95	53.71 3.60 7.89	49.36 2.69 9.35	47.17 2.00 10.41	46.29 1.54 3.52	43.28 1.82 0.00	38.74 1.74 0.00
LINDHRST_69_KV_BK1 356055	41.99 2.39 -9.73	38.80 2.35 -10.09	33.31 2.15 -6.97	31.20 2.17 -4.91	32.87 2.28 -6.30	35.05 2.30 -7.53	37.86 2.62 -2.49	41.45 3.24 -4.47	41.93 3.32 -0.01	43.09 3.56 -0.01	44.20 3.35 -0.01	45.21 3.26 -0.11	45.88 3.06 -0.30	47.09 2.14 -0.29	51.07 2.40 -0.71	57.52 3.26 -1.74	59.49 3.13 -4.17	64.12 3.96 -3.66	65.47 3.89 -3.58	59.97 3.25 -0.70	58.08 2.50 0.00	50.43 2.17 0.00	44.75 2.07 -1.22	40.36 2.41 -0.96
LIPA_MISC_IPP 23656	40.61 2.06 -8.68	37.57 2.21 -9.00	32.43 2.03 -6.21	30.55 2.05 -4.38	32.12 2.21 -5.62	34.13 2.19 -6.71	37.19 2.23 -2.22	40.49 2.77 -3.98	41.42 2.82 -0.01	42.58 3.04 -0.01	43.66 2.82 -0.01	44.66 2.72 -0.11	45.28 2.47 -0.30	46.28 1.34 -0.29	50.25 1.58 -0.71	56.68 2.42 -1.74	56.76 2.40 -2.17	61.38 3.22 -1.65	62.75 3.13 -1.62	58.75 2.41 -0.32	57.14 1.56 0.00	49.66 1.40 0.00	43.37 1.37 -0.55	39.40 1.96 -0.44
LISF____SOLAR 323691	40.65 2.09 -8.69	37.61 2.24 -9.01	32.46 2.05 -6.22	30.60 2.10 -4.38	32.15 2.23 -5.63	34.14 2.19 -6.72	37.26 2.29 -2.23	40.53 2.80 -3.99	41.46 2.86 -0.01	42.62 3.09 -0.01	43.38 2.53 -0.01	42.53 0.59 -0.11	43.41 0.59 -0.30	46.37 1.43 -0.29	50.49 1.82 -0.71	56.89 2.63 -1.74	56.94 2.56 -2.19	61.68 3.50 -1.68	63.12 3.48 -1.64	58.98 2.63 -0.33	57.41 1.83 0.00	49.90 1.64 0.00	43.50 1.49 -0.56	39.52 2.07 -0.45
LITTLE FALLS____HYD 24013	29.25 -0.63 0.00	25.86 -0.50 0.00	23.73 -0.46 0.00	23.66 -0.46 0.00	23.85 -0.44 0.00	24.82 -0.40 0.00	32.19 -0.56 0.00	33.27 -0.47 0.00	37.98 -0.62 0.00	38.82 -0.71 0.00	40.06 -0.78 0.00	41.03 -0.79 0.00	41.66 -0.85 0.00	43.76 -0.89 0.00	46.99 -0.96 0.00	51.53 -1.00 0.00	51.25 -0.94 0.00	55.48 -1.02 0.00	57.07 -0.93 0.00	55.01 -1.01 0.00	54.47 -1.11 0.00	47.25 -1.01 0.00	40.71 -0.75 0.00	36.26 -0.74 0.00

LITTLRIV_115KV_TB1 356100	29.96 0.09 0.00	26.30 -0.05 0.00	24.19 0.00 0.00	24.10 -0.02 0.00	24.34 0.05 0.00	25.35 0.13 0.00	33.33 0.59 0.00	34.15 0.40 0.00	39.33 0.73 0.00	40.12 0.59 0.00	41.61 0.78 0.00	42.87 1.05 0.00	43.66 1.15 0.00	45.90 1.25 0.00	49.06 1.10 0.00	53.68 1.16 0.00	53.49 1.30 0.00	57.41 0.90 0.00	58.81 0.81 0.00	57.14 1.12 0.00	57.30 1.72 0.00	50.00 1.74 0.00	42.99 1.53 0.00	38.18 1.18 0.00
LI_NEWBRDGE___DRP 323616	39.74 1.79 -8.07	36.55 1.82 -8.38	31.66 1.69 -5.78	29.91 1.71 -4.07	31.32 1.80 -5.23	33.27 1.79 -6.25	36.81 2.00 -2.07	40.01 2.56 -3.71	41.19 2.59 -0.01	42.30 2.77 -0.01	43.38 2.53 -0.01	44.37 2.43 -0.11	45.11 2.30 -0.30	46.50 1.56 -0.29	50.39 1.73 -0.71	56.73 2.47 -1.74	55.30 2.19 -0.92	59.85 2.94 -0.41	61.18 2.78 -0.40	58.29 2.18 -0.08	57.14 1.56 0.00	49.56 1.30 0.00	43.10 1.53 -0.11	38.76 1.67 -0.10
LOCKPORT_115KV_TB60_63_64 80432	30.41 0.54 0.00	26.59 0.24 0.00	24.31 0.12 0.00	24.07 -0.05 0.00	24.24 -0.05 0.00	25.23 0.00 0.00	32.05 -0.69 0.00	33.54 -0.20 0.00	37.86 -0.73 0.00	38.86 -0.67 0.00	39.65 -1.18 0.00	40.53 -1.30 0.00	41.41 -1.11 0.00	43.89 -0.76 0.00	47.28 -0.67 0.00	50.37 -2.15 0.00	50.36 -1.83 0.00	55.54 -0.96 0.00	57.94 -0.06 0.00	55.85 -0.17 0.00	54.36 -1.22 0.00	47.25 -1.01 0.00	40.34 -1.12 0.00	36.41 -0.59 0.00
LOCKPORT___CC1 323769	30.35 0.48 0.00	26.57 0.21 0.00	24.26 0.07 0.00	24.05 -0.07 0.00	24.19 -0.10 0.00	25.40 0.18 0.00	32.05 -0.69 0.00	33.54 -0.20 0.00	37.83 -0.77 0.00	38.70 -0.83 0.00	40.31 -0.53 0.00	42.00 0.17 0.00	42.73 0.21 0.00	44.12 -0.53 0.00	47.28 -0.67 0.00	50.48 -2.05 0.00	50.73 -1.46 0.00	55.49 -1.02 0.00	57.88 -0.12 0.00	55.74 -0.28 0.00	54.36 -1.22 0.00	47.34 -0.92 0.00	40.38 -1.08 0.00	36.37 -0.63 0.00
LOCKPORT___CC2 323770	30.35 0.48 0.00	26.57 0.21 0.00	24.26 0.07 0.00	24.05 -0.07 0.00	24.19 -0.10 0.00	25.40 0.18 0.00	32.05 -0.69 0.00	33.54 -0.20 0.00	37.83 -0.77 0.00	38.70 -0.83 0.00	40.31 -0.53 0.00	42.00 0.17 0.00	42.73 0.21 0.00	44.12 -0.53 0.00	47.28 -0.67 0.00	50.48 -2.05 0.00	50.73 -1.46 0.00	55.49 -1.02 0.00	57.88 -0.12 0.00	55.74 -0.28 0.00	54.36 -1.22 0.00	47.34 -0.92 0.00	40.38 -1.08 0.00	36.37 -0.63 0.00
LOCKPORT___CC3 323771	30.35 0.48 0.00	26.57 0.21 0.00	24.26 0.07 0.00	24.05 -0.07 0.00	24.19 -0.10 0.00	25.40 0.18 0.00	32.05 -0.69 0.00	33.54 -0.20 0.00	37.83 -0.77 0.00	38.70 -0.83 0.00	40.31 -0.53 0.00	42.00 0.17 0.00	42.73 0.21 0.00	44.12 -0.53 0.00	47.28 -0.67 0.00	50.48 -2.05 0.00	50.73 -1.46 0.00	55.49 -1.02 0.00	57.88 -0.12 0.00	55.74 -0.28 0.00	54.36 -1.22 0.00	47.34 -0.92 0.00	40.38 -1.08 0.00	36.37 -0.63 0.00
LOCUSVLY_69_KV_BK2 55797	45.32 2.12 -13.33	42.27 2.08 -13.83	35.64 1.91 -9.54	32.78 1.93 -6.72	34.94 2.02 -8.63	37.56 2.02 -10.32	38.48 2.32 -3.42	42.83 2.97 -6.12	41.66 3.05 -0.01	42.74 3.20 -0.01	43.87 3.02 -0.01	44.87 2.93 -0.12	45.62 2.81 -0.30	47.18 2.23 -0.30	51.16 2.49 -0.72	57.53 3.26 -1.75	62.83 3.08 -7.56	67.46 3.90 -7.06	68.67 3.77 -6.90	60.40 3.03 -1.35	57.91 2.33 0.00	50.14 1.88 0.00	45.90 2.03 -2.41	41.00 2.11 -1.89
LONG_LAKE_PHOENIX 24014	29.49 -0.39 0.00	26.04 -0.32 0.00	23.87 -0.31 0.00	23.78 -0.34 0.00	23.93 -0.36 0.00	24.90 -0.33 0.00	32.22 -0.52 0.00	33.24 -0.51 0.00	37.86 -0.73 0.00	38.82 -0.71 0.00	40.02 -0.82 0.00	40.87 -0.96 0.00	41.58 -0.94 0.00	43.67 -0.98 0.00	46.99 -0.96 0.00	51.26 -1.26 0.00	50.99 -1.20 0.00	55.54 -0.96 0.00	57.30 -0.70 0.00	55.23 -0.78 0.00	54.52 -1.06 0.00	47.34 -0.92 0.00	40.59 -0.87 0.00	36.19 -0.81 0.00
LOVETT___3 23632	31.46 1.58 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.45 1.70 0.00	36.10 2.36 0.00	40.95 2.35 0.00	42.02 2.49 0.00	43.25 2.41 0.00	44.23 2.30 -0.10	45.00 2.21 -0.28	47.13 2.19 -0.29	50.99 2.35 -0.69	57.07 2.89 -1.66	55.40 2.71 -0.49	60.01 3.50 0.00	61.36 3.36 0.00	58.65 2.63 0.00	57.52 1.95 0.00	49.81 1.54 0.00	43.07 1.62 0.00	38.59 1.59 0.00
LOVETT___4 23642	31.46 1.58 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.45 1.70 0.00	36.10 2.36 0.00	40.95 2.35 0.00	42.02 2.49 0.00	43.25 2.41 0.00	44.23 2.30 -0.10	45.00 2.21 -0.28	47.13 2.19 -0.29	50.99 2.35 -0.69	57.07 2.89 -1.66	55.40 2.71 -0.49	60.01 3.50 0.00	61.36 3.36 0.00	58.65 2.63 0.00	57.52 1.95 0.00	49.81 1.54 0.00	43.07 1.62 0.00	38.59 1.59 0.00
LOVETT___5 23593	31.46 1.58 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.45 1.70 0.00	36.10 2.36 0.00	40.95 2.35 0.00	42.02 2.49 0.00	43.25 2.41 0.00	44.23 2.30 -0.10	45.00 2.21 -0.28	47.13 2.19 -0.29	50.99 2.35 -0.69	57.07 2.89 -1.66	55.40 2.71 -0.49	60.01 3.50 0.00	61.36 3.36 0.00	58.65 2.63 0.00	57.52 1.95 0.00	49.81 1.54 0.00	43.07 1.62 0.00	38.59 1.59 0.00
LOWER RAQUET___HYD 24057	29.67 -0.21 0.00	26.09 -0.26 0.00	23.97 -0.22 0.00	23.90 -0.22 0.00	24.12 -0.17 0.00	25.10 -0.13 0.00	32.97 0.23 0.00	33.84 0.10 0.00	38.98 0.39 0.00	39.81 0.28 0.00	41.29 0.45 0.00	42.58 0.75 0.00	43.24 0.72 0.00	45.36 0.71 0.00	48.53 0.58 0.00	53.10 0.58 0.00	52.82 0.63 0.00	56.67 0.17 0.00	57.83 -0.17 0.00	56.24 0.22 0.00	56.25 0.67 0.00	49.13 0.87 0.00	42.37 0.91 0.00	37.78 0.78 0.00
LOWER___HUDSON 24059	31.01 1.13 0.00	27.54 1.19 0.00	25.30 1.11 0.00	25.23 1.11 0.00	25.41 1.12 0.00	26.31 1.08 0.00	33.82 1.08 0.00	35.09 1.35 0.00	39.83 1.23 0.00	40.71 1.18 0.00	41.78 0.94 0.00	42.48 0.75 0.11	42.99 0.77 0.29	45.24 0.89 0.31	48.18 0.96 0.73	52.09 1.31 1.75	52.87 1.20 0.52	58.36 1.86 0.00	59.91 1.91 0.00	57.64 1.63 0.00	56.86 1.28 0.00	49.42 1.16 0.00	42.45 0.99 0.00	37.96 0.96 0.00
LOWVILLE_115KV_TB2 356335	30.02 0.15 0.00	26.49 0.13 0.00	24.31 0.12 0.00	24.24 0.12 0.00	24.56 0.27 0.00	25.65 0.43 0.00	33.43 0.69 0.00	34.58 0.84 0.00	39.49 0.89 0.00	40.20 0.67 0.00	41.45 0.61 0.00	42.41 0.59 0.00	43.11 0.60 0.00	45.37 0.71 0.00	49.01 1.05 0.00	53.68 1.16 0.00	53.70 1.51 0.00	58.31 1.81 0.00	60.38 2.38 0.00	58.37 2.35 0.00	57.91 2.33 0.00	50.00 1.74 0.00	42.70 1.24 0.00	37.74 0.74 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.31 1.43 0.00	27.81 1.45 0.00	25.49 1.31 0.00	25.43 1.30 0.00	25.55 1.26 0.00	26.51 1.29 0.00	34.08 1.34 0.00	35.33 1.59 0.00	40.18 1.58 0.00	40.95 1.42 0.00	42.14 1.31 0.00	43.00 1.25 0.08	43.48 1.19 0.22	45.58 1.16 0.23	48.64 1.25 0.56	52.82 1.63 1.33	53.46 1.67 0.40	58.82 2.32 0.00	60.55 2.55 0.00	58.32 2.30 0.00	57.58 2.00 0.00	50.10 1.83 0.00	42.91 1.45 0.00	38.44 1.44 0.00

LUTHERNY_35_KV_BK2 355980	31.31 1.43 0.00	27.83 1.48 0.00	25.49 1.31 0.00	25.43 1.30 0.00	25.58 1.29 0.00	26.54 1.31 0.00	34.08 1.34 0.00	35.33 1.59 0.00	40.22 1.62 0.00	40.99 1.46 0.00	42.19 1.35 0.00	43.04 1.30 0.08	43.52 1.23 0.22	45.58 1.16 0.23	48.69 1.29 0.56	52.82 1.63 1.33	53.52 1.72 0.40	58.88 2.37 0.00	60.61 2.61 0.00	58.37 2.35 0.00	57.64 2.06 0.00	50.14 1.88 0.00	42.95 1.49 0.00	38.48 1.48 0.00
LWR___OSWEGATCHIE_HYD 23850	29.87 0.00 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.05 -0.07 0.00	24.31 0.02 0.00	25.35 0.13 0.00	33.17 0.43 0.00	34.18 0.44 0.00	39.22 0.62 0.00	39.96 0.43 0.00	41.33 0.49 0.00	42.46 0.63 0.00	43.15 0.64 0.00	45.41 0.76 0.00	48.72 0.77 0.00	53.36 0.84 0.00	53.29 1.10 0.00	57.46 0.96 0.00	59.16 1.16 0.00	57.31 1.29 0.00	57.14 1.56 0.00	49.66 1.40 0.00	42.62 1.16 0.00	37.78 0.78 0.00
LYONS_FALL_HYD 23570	30.20 0.33 0.00	26.65 0.29 0.00	24.45 0.27 0.00	24.39 0.27 0.00	24.65 0.36 0.00	25.73 0.50 0.00	33.46 0.72 0.00	34.65 0.91 0.00	39.52 0.92 0.00	40.32 0.79 0.00	41.61 0.77 0.00	42.58 0.75 0.00	43.24 0.72 0.00	45.46 0.80 0.00	49.01 1.05 0.00	53.68 1.15 0.00	53.65 1.46 0.00	58.31 1.81 0.00	60.26 2.26 0.00	58.15 2.13 0.00	57.69 2.11 0.00	49.90 1.64 0.00	42.62 1.16 0.00	37.78 0.78 0.00
MADISON___COUNTY_LFGE 323628	30.65 0.78 0.00	27.07 0.71 0.00	24.82 0.63 0.00	24.70 0.58 0.00	24.95 0.66 0.00	26.01 0.78 0.00	33.69 0.95 0.00	34.92 1.18 0.00	39.79 1.20 0.00	40.67 1.15 0.00	41.90 1.06 0.00	42.79 0.96 0.00	43.53 1.02 0.00	45.81 1.16 0.00	49.25 1.29 0.00	53.89 1.37 0.00	53.81 1.62 0.00	58.59 2.09 0.00	60.55 2.55 0.00	58.37 2.35 0.00	57.69 2.11 0.00	50.10 1.83 0.00	42.78 1.33 0.00	38.00 1.00 0.00
MALONE___115KV_TB1 356076	29.64 -0.24 0.00	26.01 -0.34 0.00	23.90 -0.29 0.00	23.83 -0.29 0.00	24.05 -0.24 0.00	25.02 -0.20 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.06 0.46 0.00	39.96 0.43 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.62 1.11 0.00	45.86 1.21 0.00	49.10 1.15 0.00	53.89 1.37 0.00	53.60 1.41 0.00	57.52 1.02 0.00	59.04 1.04 0.00	57.25 1.23 0.00	57.25 1.67 0.00	49.76 1.50 0.00	42.74 1.29 0.00	38.00 1.00 0.00
MAPLEWOD_115KV_TB3 80458	30.86 0.99 0.00	27.44 1.08 0.00	25.18 0.99 0.00	25.11 0.99 0.00	25.26 0.97 0.00	26.21 0.98 0.00	33.66 0.92 0.00	34.96 1.21 0.00	39.68 1.08 0.00	40.56 1.03 0.00	41.74 0.90 0.00	42.59 0.84 0.08	43.11 0.81 0.21	45.14 0.71 0.22	48.24 0.82 0.53	52.35 1.10 1.27	52.85 1.04 0.38	58.08 1.58 0.00	59.68 1.68 0.00	57.36 1.34 0.00	56.58 1.00 0.00	49.13 0.87 0.00	42.24 0.79 0.00	37.78 0.78 0.00
MAPLE_RIDGE_WT_1 323574	29.34 -0.54 0.00	25.91 -0.45 0.00	23.80 -0.39 0.00	23.76 -0.36 0.00	23.97 -0.32 0.00	24.92 -0.30 0.00	32.45 -0.30 0.00	33.47 -0.27 0.00	38.41 -0.19 0.00	39.33 -0.20 0.00	40.68 -0.16 0.00	41.70 -0.13 0.00	42.39 -0.13 0.00	44.52 -0.13 0.00	47.76 -0.19 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.33 -0.17 0.00	57.83 -0.17 0.00	55.91 -0.11 0.00	55.47 -0.11 0.00	48.12 -0.14 0.00	41.29 -0.17 0.00	36.74 -0.26 0.00
MAPLE_RIDGE_WT_2 323611	29.34 -0.54 0.00	25.91 -0.45 0.00	23.80 -0.39 0.00	23.76 -0.36 0.00	23.97 -0.32 0.00	24.92 -0.30 0.00	32.45 -0.30 0.00	33.47 -0.27 0.00	38.41 -0.19 0.00	39.33 -0.20 0.00	40.68 -0.16 0.00	41.70 -0.13 0.00	42.39 -0.13 0.00	44.52 -0.13 0.00	47.76 -0.19 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.33 -0.17 0.00	57.83 -0.17 0.00	55.91 -0.11 0.00	55.47 -0.11 0.00	48.12 -0.14 0.00	41.29 -0.17 0.00	36.74 -0.26 0.00
MARBLE_RIVER_WT_PWR 323696	29.31 -0.57 0.00	25.72 -0.63 0.00	23.63 -0.56 0.00	23.59 -0.53 0.00	23.78 -0.51 0.00	24.75 -0.48 0.00	32.51 -0.23 0.00	33.34 -0.40 0.00	38.48 -0.12 0.00	39.41 -0.12 0.00	40.96 0.12 0.00	42.16 0.33 0.00	42.68 0.17 0.00	44.65 0.00 0.00	47.86 -0.10 0.00	52.58 0.05 0.00	52.29 0.10 0.00	56.11 -0.39 0.00	57.60 -0.40 0.00	55.91 -0.11 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.87 0.41 0.00	37.48 0.48 0.00
MARSHVLE_115KV_TB1 80742	32.59 2.72 0.00	28.86 2.50 0.00	26.39 2.20 0.00	26.34 2.22 0.00	26.52 2.23 0.00	27.72 2.50 0.00	35.69 2.95 0.00	36.91 3.17 0.00	41.99 3.40 0.00	42.65 3.12 0.00	43.86 3.02 0.00	44.67 2.89 0.04	45.24 2.85 0.12	47.38 2.86 0.13	50.52 2.88 0.31	55.15 3.36 0.74	55.73 3.76 0.22	61.25 4.75 0.00	63.57 5.57 0.00	61.62 5.60 0.00	61.08 5.50 0.00	53.09 4.83 0.00	45.27 3.81 0.00	40.29 3.29 0.00
MARSH_HILL_WT_PWR 323713	30.41 0.54 0.00	26.75 0.40 0.00	24.50 0.31 0.00	24.36 0.24 0.00	24.53 0.24 0.00	25.83 0.60 0.00	33.10 0.36 0.00	34.72 0.98 0.00	39.18 0.58 0.00	40.08 0.55 0.00	41.41 0.57 0.00	42.62 0.79 0.00	43.45 0.93 0.00	45.14 0.49 0.00	48.57 0.62 0.00	52.37 -0.16 0.00	52.45 0.26 0.00	57.63 1.13 0.00	60.08 2.08 0.00	57.92 1.91 0.00	56.75 1.17 0.00	49.23 0.96 0.00	41.62 0.17 0.00	37.00 0.00 0.00
MCINTYRE_115KV_TB2 80467	30.05 0.18 0.00	26.38 0.03 0.00	24.26 0.07 0.00	24.17 0.05 0.00	24.39 0.10 0.00	25.43 0.20 0.00	33.43 0.69 0.00	34.21 0.47 0.00	39.37 0.77 0.00	40.12 0.59 0.00	41.61 0.78 0.00	42.87 1.05 0.00	43.66 1.15 0.00	45.90 1.25 0.00	49.06 1.10 0.00	53.73 1.21 0.00	53.55 1.36 0.00	57.46 0.96 0.00	58.99 0.99 0.00	57.42 1.40 0.00	57.64 2.06 0.00	50.24 1.98 0.00	43.20 1.74 0.00	38.37 1.37 0.00
MECO_____69_KV_BK1 80468	32.65 2.78 0.00	28.94 2.58 0.00	26.46 2.27 0.00	26.41 2.29 0.00	26.57 2.28 0.00	27.77 2.55 0.00	35.75 3.01 0.00	36.98 3.24 0.00	42.11 3.51 0.00	42.69 3.16 0.00	43.90 3.06 0.00	44.71 2.93 0.05	45.27 2.89 0.14	47.41 2.90 0.15	50.68 3.07 0.34	55.38 3.68 0.83	56.01 4.07 0.25	61.64 5.14 0.00	63.92 5.92 0.00	61.73 5.71 0.00	61.14 5.56 0.00	53.18 4.92 0.00	45.31 3.86 0.00	40.33 3.33 0.00
MENANDS___115KV_TB5 355628	30.71 0.84 0.00	27.28 0.92 0.00	25.06 0.87 0.00	24.99 0.87 0.00	25.14 0.85 0.00	26.08 0.86 0.00	33.50 0.75 0.00	34.79 1.05 0.00	39.45 0.85 0.00	40.36 0.83 0.00	41.49 0.65 0.00	42.38 0.63 0.08	42.85 0.55 0.21	44.92 0.49 0.22	47.95 0.53 0.53	52.04 0.79 1.27	52.54 0.73 0.38	57.69 1.19 0.00	59.22 1.22 0.00	56.97 0.95 0.00	56.13 0.56 0.00	48.79 0.53 0.00	41.95 0.50 0.00	37.52 0.52 0.00
MG INDUSTRY___DRP 24185	30.71 0.84 0.00	27.28 0.92 0.00	25.03 0.85 0.00	24.99 0.87 0.00	25.14 0.85 0.00	26.08 0.86 0.00	33.50 0.75 0.00	34.72 0.98 0.00	39.45 0.85 0.00	40.28 0.75 0.00	41.41 0.57 0.00	42.33 0.54 0.04	42.87 0.47 0.11	44.90 0.36 0.11	48.11 0.43 0.27	52.55 0.68 0.65	52.62 0.63 0.19	57.52 1.02 0.00	59.16 1.16 0.00	56.97 0.95 0.00	56.25 0.67 0.00	48.94 0.68 0.00	42.08 0.62 0.00	37.63 0.63 0.00

MID___OSWEGATCHIE_HYD 23849	29.87 0.00 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.05 -0.07 0.00	24.31 0.02 0.00	25.35 0.13 0.00	33.17 0.43 0.00	34.18 0.44 0.00	39.22 0.62 0.00	39.96 0.43 0.00	41.33 0.49 0.00	42.46 0.63 0.00	43.15 0.64 0.00	45.41 0.76 0.00	48.72 0.77 0.00	53.36 0.84 0.00	53.29 1.10 0.00	57.46 0.96 0.00	59.16 1.16 0.00	57.31 1.29 0.00	57.14 1.56 0.00	49.66 1.40 0.00	42.62 1.16 0.00	37.78 0.78 0.00
MID___RAQUETTE_HYD 23851	29.67 -0.21 0.00	26.09 -0.26 0.00	23.97 -0.22 0.00	23.91 -0.22 0.00	24.12 -0.17 0.00	25.10 -0.13 0.00	32.97 0.23 0.00	33.84 0.10 0.00	38.98 0.39 0.00	39.80 0.28 0.00	41.29 0.45 0.00	42.58 0.75 0.00	43.36 0.85 0.00	45.59 0.94 0.00	48.72 0.77 0.00	53.31 0.79 0.00	53.03 0.84 0.00	56.90 0.40 0.00	58.06 0.06 0.00	56.35 0.34 0.00	56.47 0.89 0.00	49.32 1.06 0.00	42.45 0.99 0.00	37.78 0.78 0.00
MILLIKEN___1 23584	30.59 0.72 0.00	27.02 0.66 0.00	24.74 0.56 0.00	24.65 0.53 0.00	24.80 0.51 0.00	25.86 0.63 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.52 0.93 0.00	40.44 0.91 0.00	41.61 0.78 0.00	42.37 0.54 0.00	43.11 0.60 0.00	45.46 0.80 0.00	48.86 0.91 0.00	53.31 0.79 0.00	53.08 0.89 0.00	58.14 1.64 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.37 0.91 0.00	37.70 0.70 0.00
MILLIKEN___2 23585	30.59 0.72 0.00	27.02 0.66 0.00	24.74 0.56 0.00	24.65 0.53 0.00	24.80 0.51 0.00	25.86 0.63 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.52 0.93 0.00	40.44 0.91 0.00	41.61 0.78 0.00	42.37 0.54 0.00	43.11 0.60 0.00	45.46 0.80 0.00	48.86 0.91 0.00	53.31 0.79 0.00	53.08 0.89 0.00	58.14 1.64 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.37 0.91 0.00	37.70 0.70 0.00
MILLIKEN___DIESEL 23629	30.59 0.72 0.00	27.02 0.66 0.00	24.74 0.56 0.00	24.65 0.53 0.00	24.80 0.51 0.00	25.86 0.63 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.52 0.93 0.00	40.44 0.91 0.00	41.61 0.78 0.00	42.37 0.54 0.00	43.11 0.60 0.00	45.46 0.80 0.00	48.86 0.91 0.00	53.31 0.79 0.00	53.08 0.89 0.00	58.14 1.64 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.37 0.91 0.00	37.70 0.70 0.00
MILLSEAT___LFGE 323607	30.98 1.11 0.00	27.09 0.74 0.00	24.74 0.56 0.00	24.51 0.38 0.00	24.65 0.36 0.00	25.88 0.65 0.00	32.78 0.03 0.00	34.35 0.61 0.00	38.75 0.16 0.00	39.73 0.20 0.00	41.37 0.53 0.00	43.00 1.17 0.00	43.79 1.27 0.00	45.32 0.67 0.00	48.62 0.67 0.00	51.90 -0.63 0.00	52.19 0.00 0.00	57.23 0.73 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.41 0.83 0.00	49.08 0.82 0.00	41.75 0.29 0.00	37.45 0.45 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.55 1.67 0.00	27.99 1.63 0.00	25.69 1.50 0.00	25.64 1.52 0.00	25.87 1.58 0.00	26.81 1.59 0.00	34.54 1.80 0.00	36.17 2.43 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.37 2.53 0.00	44.40 2.47 -0.10	45.14 2.34 -0.29	47.28 2.32 -0.30	51.16 2.49 -0.72	57.29 3.05 -1.72	55.57 2.87 -0.51	60.17 3.67 0.00	61.54 3.54 0.00	58.82 2.80 0.00	57.69 2.11 0.00	49.90 1.64 0.00	43.20 1.74 0.00	38.70 1.70 0.00
MILLWOOD_13_KV_LOAD 356217	31.61 1.73 0.00	28.04 1.69 0.00	25.74 1.55 0.00	25.69 1.57 0.00	25.94 1.65 0.00	26.87 1.64 0.00	34.64 1.90 0.00	36.27 2.53 0.00	41.18 2.59 0.00	42.25 2.73 0.00	43.49 2.65 -0.10	44.53 2.59 -0.29	45.31 2.51 -0.30	47.46 2.50 -0.72	51.36 2.69 -1.72	57.61 3.36 -0.51	55.89 3.18 0.00	60.51 4.01 0.00	61.89 3.89 0.00	59.04 3.03 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.36 1.91 0.00	38.81 1.81 0.00
MODEL_CITY_ENERGY 24167	30.17 0.30 0.00	26.41 0.05 0.00	24.12 -0.07 0.00	23.90 -0.22 0.00	24.07 -0.22 0.00	25.25 0.03 0.00	31.76 -0.98 0.00	33.20 -0.54 0.00	37.44 -1.16 0.00	38.34 -1.18 0.00	39.90 -0.94 0.00	41.58 -0.25 0.00	42.30 -0.21 0.00	43.71 -0.94 0.00	46.80 -1.15 0.00	49.95 -2.57 0.00	50.21 -1.98 0.00	54.92 -1.58 0.00	57.31 -0.69 0.00	55.18 -0.84 0.00	53.80 -1.78 0.00	46.86 -1.40 0.00	40.00 -1.45 0.00	36.04 -0.96 0.00
MODERN_LFGE___ 323580	30.17 0.30 0.00	26.41 0.05 0.00	24.12 -0.07 0.00	23.90 -0.22 0.00	24.07 -0.22 0.00	25.25 0.03 0.00	31.76 -0.98 0.00	33.20 -0.54 0.00	37.44 -1.16 0.00	38.34 -1.18 0.00	39.90 -0.94 0.00	41.58 -0.25 0.00	42.30 -0.21 0.00	43.71 -0.94 0.00	46.80 -1.15 0.00	49.95 -2.57 0.00	50.21 -1.98 0.00	54.92 -1.58 0.00	57.31 -0.69 0.00	55.18 -0.84 0.00	53.80 -1.78 0.00	46.86 -1.40 0.00	40.00 -1.45 0.00	36.04 -0.96 0.00
MOHAWK_PAPER___DRP 24187	30.86 0.99 0.00	27.44 1.08 0.00	25.18 0.99 0.00	25.11 0.99 0.00	25.26 0.97 0.00	26.21 0.98 0.00	33.66 0.92 0.00	34.96 1.21 0.00	39.68 1.08 0.00	40.56 1.03 0.00	41.74 0.90 0.08	42.59 0.84 0.21	43.11 0.81 0.22	45.14 0.71 0.22	48.24 0.82 0.53	52.35 1.10 1.27	52.85 1.04 0.38	58.08 1.58 0.00	59.68 1.68 0.00	57.36 1.34 0.00	56.58 1.00 0.00	49.13 0.87 0.00	42.24 0.79 0.00	37.78 0.78 0.00
MOHICAN___35_KV_115KV_LD 80490	31.22 1.34 0.00	27.78 1.42 0.00	25.45 1.26 0.00	25.38 1.25 0.00	25.50 1.21 0.00	26.41 1.19 0.00	33.92 1.18 0.00	35.12 1.38 0.00	39.95 1.35 0.00	40.63 1.11 0.00	41.78 0.94 0.08	42.67 0.92 0.22	43.14 0.85 0.22	45.18 0.76 0.23	48.22 0.82 0.55	52.42 1.21 1.31	53.10 1.30 0.39	58.54 2.03 0.00	60.32 2.32 0.00	58.09 2.07 0.00	57.41 1.83 0.00	49.95 1.69 0.00	42.70 1.24 0.00	38.44 1.44 0.00
MONGAUP___HYD 23641	31.40 1.52 0.00	27.86 1.50 0.00	25.54 1.35 0.00	25.50 1.37 0.00	25.72 1.43 0.00	26.66 1.44 0.00	34.41 1.67 0.00	35.93 2.19 0.00	40.76 2.16 0.00	41.70 2.17 0.00	42.63 1.79 -0.09	43.51 1.59 -0.25	44.42 1.66 -0.26	46.84 1.92 -0.63	50.69 2.11 -1.50	56.71 2.68 -0.45	54.88 2.24 0.00	58.87 2.37 0.00	60.55 2.55 0.00	57.86 1.85 0.00	57.91 2.33 0.00	50.38 2.12 0.00	43.36 1.91 0.00	38.67 1.67 0.00
MONTAUK___DIESEL 23721	41.60 3.05 -8.68	38.47 3.11 -9.01	33.31 2.90 -6.22	31.44 2.94 -4.38	33.02 3.11 -5.62	35.05 3.10 -6.72	38.31 3.34 -2.23	41.71 3.98 -3.99	42.93 4.32 -0.01	44.20 4.66 -0.01	45.26 4.41 -0.01	46.21 4.27 -0.11	46.89 4.08 -0.30	48.02 3.08 -0.29	52.22 3.55 -0.71	58.89 4.62 -1.74	58.96 4.59 -2.17	63.81 5.65 -1.66	64.84 5.22 -1.62	60.26 3.92 -0.32	58.14 2.56 0.00	50.48 2.22 0.00	43.96 1.95 -0.55	40.33 2.89 -0.44
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.50 0.63 0.00	26.73 0.37 0.00	24.45 0.27 0.00	24.27 0.14 0.00	24.51 0.22 0.00	25.65 0.43 0.00	32.94 0.20 0.00	34.92 1.18 0.00	39.52 0.93 0.00	40.63 1.11 0.00	41.57 0.74 0.00	42.46 0.63 0.00	43.45 0.94 0.00	46.04 1.38 0.00	49.54 1.58 0.00	52.89 0.37 0.00	52.50 0.31 0.00	57.91 1.41 0.00	60.32 2.32 0.00	57.76 1.74 0.00	55.80 0.22 0.00	48.31 0.05 0.00	40.75 -0.70 0.00	36.37 -0.63 0.00

MORRIS_RIDGE___SOLAR 323848	30.26 0.39 0.00	26.59 0.24 0.00	24.33 0.15 0.00	24.17 0.05 0.00	24.34 0.05 0.00	25.58 0.35 0.00	32.61 -0.13 0.00	34.11 0.37 0.00	38.44 -0.15 0.00	39.37 -0.16 0.00	40.80 -0.04 0.00	42.08 0.25 0.00	42.81 0.30 0.00	44.47 -0.18 0.00	47.81 -0.14 0.00	51.52 -1.00 0.00	51.62 -0.57 0.00	56.56 0.06 0.00	58.92 0.93 0.00	56.86 0.84 0.00	55.75 0.17 0.00	48.46 0.19 0.00	41.17 -0.29 0.00	36.74 -0.26 0.00
MORTIMER_115KV_TB3 55949	30.44 0.57 0.00	26.70 0.34 0.00	24.38 0.19 0.00	24.19 0.07 0.00	24.34 0.05 0.00	25.35 0.13 0.00	32.58 -0.16 0.00	33.98 0.24 0.00	38.52 -0.08 0.00	39.61 0.08 0.00	40.67 -0.16 0.00	41.54 -0.29 0.00	42.39 -0.13 0.00	44.79 0.13 0.00	48.19 0.24 0.00	51.84 -0.68 0.00	51.77 -0.42 0.00	56.84 0.34 0.00	58.99 0.99 0.00	57.03 1.01 0.00	55.91 0.33 0.00	48.55 0.29 0.00	41.37 -0.08 0.00	37.11 0.11 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.42 2.82 0.00	42.53 3.00 0.00	43.74 2.90 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.62 3.36 -1.73	55.84 3.13 -0.52	60.46 3.96 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.45 1.99 0.00	38.96 1.96 0.00
MUNSVILLE_WIND_PWR 323609	31.64 1.76 0.00	27.96 1.61 0.00	25.69 1.50 0.00	25.55 1.42 0.00	25.89 1.60 0.00	27.22 1.99 0.00	35.33 2.59 0.00	36.98 3.24 0.00	41.88 3.28 0.00	42.65 3.12 0.00	43.98 3.14 0.00	44.88 3.05 0.00	45.61 3.10 0.00	47.91 3.26 0.00	51.45 3.50 0.00	56.20 3.68 0.00	56.52 4.33 0.00	61.93 5.42 0.00	64.67 6.67 0.00	62.13 6.11 0.00	61.25 5.67 0.00	53.13 4.87 0.00	44.98 3.52 0.00	39.63 2.63 0.00
N SALMON___HYD 24042	29.63 -0.24 0.00	26.01 -0.34 0.00	23.90 -0.29 0.00	23.83 -0.29 0.00	24.05 -0.24 0.00	25.02 -0.20 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.06 0.46 0.00	39.96 0.44 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.41 0.89 0.00	45.46 0.80 0.00	48.72 0.76 0.00	53.47 0.95 0.00	53.18 0.99 0.00	57.07 0.56 0.00	58.58 0.58 0.00	56.86 0.84 0.00	56.80 1.22 0.00	49.37 1.11 0.00	42.58 1.12 0.00	38.00 1.00 0.00
N.AKRON__115KV_KNAPP 355671	30.92 1.05 0.00	27.04 0.69 0.00	24.70 0.51 0.00	24.46 0.34 0.00	24.63 0.34 0.00	25.65 0.43 0.00	32.71 -0.03 0.00	34.28 0.54 0.00	38.68 0.08 0.00	39.76 0.24 0.00	40.63 -0.20 0.00	41.49 -0.33 0.00	42.43 -0.09 0.00	44.92 0.27 0.00	48.38 0.43 0.00	51.58 -0.95 0.00	51.62 -0.57 0.00	56.95 0.45 0.00	59.51 1.51 0.00	57.48 1.46 0.00	56.08 0.50 0.00	48.70 0.43 0.00	41.46 0.00 0.00	37.33 0.33 0.00
N.E_GEN_SANDY PD 24062	31.16 1.28 0.00	27.70 1.34 0.00	25.49 1.31 0.00	25.40 1.28 0.00	25.62 1.34 0.00	26.46 1.24 0.00	33.99 1.24 0.00	35.39 1.65 0.00	40.10 1.50 0.00	41.07 1.54 0.00	42.06 1.22 0.00	42.14 0.92 0.61	41.75 0.93 1.69	44.00 1.12 1.77	45.00 1.24 4.20	44.08 1.63 10.07	50.65 1.46 3.00	58.65 2.15 0.00	60.08 2.08 0.00	57.70 1.68 0.00	56.80 1.22 0.00	49.28 1.02 0.00	42.45 0.99 0.00	38.00 1.00 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.49 1.61 0.00	27.96 1.61 0.00	25.64 1.45 0.00	25.59 1.47 0.00	25.82 1.53 0.00	26.76 1.54 0.00	34.51 1.77 0.00	36.17 2.43 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.33 2.49 -0.10	44.35 2.43 -0.28	45.13 2.34 -0.29	47.26 2.32 -0.68	51.13 2.49 -1.64	57.21 3.05 -2.87	55.55 2.87 -0.49	60.17 3.67 0.00	61.54 3.54 0.00	58.82 2.80 0.00	57.69 2.11 0.00	49.95 1.69 0.00	43.20 1.74 0.00	38.67 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	32.09 2.21 -0.01	28.47 2.11 -0.01	26.07 1.89 0.00	26.03 1.91 0.00	26.29 1.99 -0.01	27.14 1.92 0.00	34.90 2.16 0.00	36.58 2.83 0.00	41.45 2.86 0.00	42.61 3.08 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.51 3.26 -1.73	55.67 2.97 -0.51	60.29 3.79 0.00	61.70 3.71 0.01	58.92 2.91 0.01	57.68 2.11 0.01	50.05 1.79 0.00	43.91 2.45 -0.01	39.34 2.33 -0.01
N.TROY___115KV_TB1 355778	31.01 1.14 0.00	27.54 1.19 0.00	25.30 1.11 0.00	25.23 1.11 0.00	25.41 1.12 0.00	26.34 1.11 0.00	33.82 1.08 0.00	35.09 1.35 0.00	39.83 1.24 0.00	40.71 1.19 0.00	41.86 1.02 0.00	42.69 0.96 0.11	43.11 0.89 0.29	45.19 0.85 0.31	48.14 0.91 0.73	51.99 1.21 1.75	52.87 1.20 0.52	58.25 1.75 0.00	59.80 1.80 0.00	57.59 1.57 0.00	56.80 1.22 0.00	49.32 1.06 0.00	42.41 0.95 0.00	37.96 0.96 0.00
NARROWS_GT1_1 24228	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT1_2 24229	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT1_3 24230	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT1_4 24231	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT1_5 24232	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01

NARROWS_GT1_6 24233	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT1_7 24234	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT1_8 24235	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_1 24236	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_2 24237	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_3 24238	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_4 24239	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_5 24240	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_6 24241	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_7 24242	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NARROWS_GT2_8 24243	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.01 1.14 0.00	27.54 1.19 0.00	25.25 1.06 0.00	25.18 1.06 0.00	25.33 1.04 0.00	26.34 1.11 0.00	33.86 1.11 0.00	35.12 1.38 0.00	39.79 1.20 0.00	40.52 0.99 0.00	41.53 0.69 0.00	42.72 0.92 0.02	43.38 0.94 0.07	45.25 0.67 0.07	48.79 1.01 0.17	53.48 1.37 0.41	53.48 1.41 0.12	58.37 1.86 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.41 1.83 0.00	49.85 1.59 0.00	42.70 1.24 0.00	38.07 1.07 0.00
NCHELSEA_115KV_TR2 355582	31.55 1.67 0.00	28.02 1.66 0.00	25.69 1.50 0.00	25.64 1.52 0.00	25.87 1.58 0.00	26.81 1.59 0.00	34.58 1.83 0.00	36.17 2.43 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.29 2.45 0.00	44.34 2.43 -0.08	45.17 2.42 -0.24	47.31 2.41 -0.25	51.08 2.54 -0.59	57.14 3.20 -1.41	55.69 3.08 -0.42	60.40 3.90 0.00	61.89 3.89 0.00	59.16 3.14 0.00	58.08 2.50 0.00	50.24 1.98 0.00	43.36 1.91 0.00	38.78 1.78 0.00
NEG CAPITAL____MECHNVIL 23645	31.40 1.52 0.00	27.88 1.53 0.00	25.54 1.35 0.00	25.47 1.35 0.00	25.62 1.34 0.00	26.59 1.36 0.00	34.18 1.44 0.00	35.43 1.69 0.00	40.34 1.74 0.00	41.11 1.58 0.00	42.23 1.39 0.00	42.99 1.25 0.09	43.54 1.27 0.25	45.78 1.39 0.26	48.87 1.53 0.62	52.93 1.89 1.48	53.68 1.93 0.44	59.16 2.66 0.00	60.90 2.90 0.00	58.60 2.58 0.00	57.86 2.28 0.00	50.29 2.03 0.00	43.07 1.62 0.00	38.55 1.55 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.78 -0.09 0.00	26.14 -0.21 0.00	23.90 -0.29 0.00	23.74 -0.39 0.00	23.88 -0.41 0.00	24.97 -0.25 0.00	32.05 -0.69 0.00	33.37 -0.37 0.00	37.90 -0.69 0.00	38.97 -0.55 0.00	40.43 -0.41 0.00	41.66 -0.17 0.00	42.39 -0.13 0.00	44.25 -0.40 0.00	47.52 -0.43 0.00	51.21 -1.31 0.00	51.25 -0.94 0.00	55.99 -0.51 0.00	58.06 0.06 0.00	56.07 0.06 0.00	55.08 -0.50 0.00	47.83 -0.44 0.00	40.75 -0.71 0.00	36.41 -0.59 0.00

NEG CENTRAL___DRP 24199	30.35 0.48 0.00	26.73 0.37 0.00	24.48 0.29 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.55 0.33 0.00	33.04 0.29 0.00	34.38 0.64 0.00	39.06 0.46 0.00	40.04 0.51 0.00	41.21 0.37 0.00	42.00 0.17 0.00	42.73 0.21 0.00	45.10 0.45 0.00	48.58 0.62 0.00	52.73 0.21 0.00	52.56 0.37 0.00	57.58 1.07 0.00	59.74 1.74 0.00	57.53 1.51 0.00	56.58 1.00 0.00	49.08 0.82 0.00	41.83 0.37 0.00	37.26 0.26 0.00
NEG CENTRAL___INDECK 23768	31.31 1.43 0.00	27.46 1.11 0.00	25.11 0.92 0.00	24.92 0.79 0.00	25.07 0.78 0.00	26.33 1.11 0.00	33.69 0.95 0.00	35.09 1.35 0.00	39.41 0.81 0.00	40.24 0.71 0.00	40.35 -0.49 0.00	41.66 -0.17 0.00	42.43 -0.08 0.00	44.16 -0.49 0.00	47.47 -0.48 0.00	51.16 -1.37 0.00	51.30 -0.89 0.00	56.62 0.11 0.00	59.33 1.34 0.00	57.76 1.74 0.00	56.86 1.28 0.00	49.37 1.11 0.00	41.87 0.41 0.00	38.41 1.41 0.00
NEG CENTRAL___SENECA 23627	30.56 0.69 0.00	26.88 0.53 0.00	24.62 0.44 0.00	24.48 0.36 0.00	24.63 0.34 0.00	25.73 0.50 0.00	33.23 0.49 0.00	34.69 0.94 0.00	39.33 0.73 0.00	40.32 0.79 0.00	41.45 0.61 0.00	42.16 0.33 0.00	42.98 0.47 0.00	45.41 0.76 0.00	48.96 1.01 0.00	53.00 0.47 0.00	52.87 0.68 0.00	58.08 1.58 0.00	60.38 2.38 0.00	58.15 2.13 0.00	57.08 1.50 0.00	49.52 1.25 0.00	42.08 0.62 0.00	37.52 0.52 0.00
NEG CENTRAL___STATE_STREET 24147	30.26 0.39 0.00	26.70 0.34 0.00	24.43 0.24 0.00	24.32 0.19 0.00	24.46 0.17 0.00	25.50 0.28 0.00	32.97 0.23 0.00	34.21 0.47 0.00	38.95 0.35 0.00	39.96 0.43 0.00	41.16 0.33 0.00	42.00 0.17 0.00	42.73 0.21 0.00	45.01 0.36 0.00	48.48 0.53 0.00	52.73 0.21 0.00	52.50 0.31 0.00	57.41 0.90 0.00	59.45 1.45 0.00	57.31 1.29 0.00	56.47 0.89 0.00	48.99 0.72 0.00	41.79 0.33 0.00	37.22 0.22 0.00
NEG MILLWOOD___DRP 24198	31.64 1.76 0.00	28.10 1.74 0.00	25.78 1.60 0.00	25.74 1.62 0.00	25.99 1.70 0.00	26.94 1.72 0.00	34.74 2.00 0.00	36.34 2.60 0.00	41.26 2.66 0.00	42.33 2.81 0.00	43.57 2.74 0.00	44.64 2.72 -0.09	45.45 2.68 -0.26	47.65 2.72 -0.27	51.57 2.97 -0.64	57.91 3.83 -1.55	56.36 3.71 -0.46	61.02 4.52 0.00	62.52 4.52 0.00	59.55 3.53 0.00	58.41 2.83 0.00	50.53 2.27 0.00	43.61 2.16 0.00	39.00 2.00 0.00
NEG NORTH_FLCN_SEA 23793	29.61 -0.27 0.00	25.99 -0.37 0.00	23.87 -0.31 0.00	23.81 -0.31 0.00	24.02 -0.27 0.00	25.00 -0.23 0.00	32.84 0.10 0.00	33.74 0.00 0.00	38.91 0.31 0.00	39.88 0.36 0.00	41.45 0.61 0.00	42.66 0.84 0.00	43.49 0.98 0.00	45.72 1.07 0.00	49.01 1.05 0.00	53.79 1.26 0.00	53.49 1.30 0.00	57.46 0.96 0.00	58.99 0.99 0.00	57.20 1.18 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.66 1.20 0.00	37.93 0.93 0.00
NEG NORTH_KES_CHATEGAY 23792	29.28 -0.60 0.00	25.70 -0.66 0.00	23.61 -0.58 0.00	23.54 -0.58 0.00	23.76 -0.53 0.00	24.72 -0.50 0.00	32.48 -0.26 0.00	33.30 -0.44 0.00	38.41 -0.19 0.00	39.33 -0.20 0.00	40.92 0.08 0.00	42.16 0.33 0.00	42.94 0.43 0.00	45.14 0.49 0.00	48.38 0.43 0.00	53.10 0.58 0.00	52.87 0.68 0.00	56.73 0.23 0.00	58.23 0.23 0.00	56.52 0.50 0.00	56.58 1.00 0.00	49.13 0.87 0.00	42.20 0.75 0.00	37.52 0.52 0.00
NEG NORTH___ALICE_FALLS 23915	29.67 -0.21 0.00	26.04 -0.32 0.00	23.95 -0.24 0.00	23.86 -0.27 0.00	24.07 -0.22 0.00	25.05 -0.18 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.02 0.42 0.00	39.96 0.43 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.62 1.11 0.00	45.86 1.21 0.00	49.10 1.15 0.00	53.94 1.42 0.00	53.70 1.51 0.00	57.69 1.19 0.00	59.28 1.28 0.00	57.48 1.46 0.00	57.41 1.83 0.00	49.81 1.54 0.00	42.78 1.33 0.00	38.04 1.04 0.00
NEG NORTH___LWR_SARANAC 23913	29.67 -0.21 0.00	26.04 -0.32 0.00	23.95 -0.24 0.00	23.86 -0.27 0.00	24.07 -0.22 0.00	25.05 -0.18 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.02 0.42 0.00	39.96 0.43 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.62 1.11 0.00	45.86 1.21 0.00	49.10 1.15 0.00	53.94 1.42 0.00	53.70 1.51 0.00	57.69 1.19 0.00	59.28 1.28 0.00	57.48 1.46 0.00	57.41 1.83 0.00	49.81 1.54 0.00	42.78 1.33 0.00	38.04 1.04 0.00
NEG NORTH___PLATTSBURG 23628	29.67 -0.21 0.00	26.04 -0.32 0.00	23.95 -0.24 0.00	23.86 -0.26 0.00	24.07 -0.22 0.00	25.05 -0.18 0.00	32.94 0.20 0.00	33.84 0.10 0.00	39.02 0.43 0.00	39.96 0.44 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.19 0.68 0.00	45.05 0.40 0.00	48.29 0.34 0.00	53.05 0.53 0.00	52.82 0.63 0.00	56.73 0.23 0.00	58.23 0.23 0.00	56.58 0.56 0.00	56.47 0.89 0.00	48.99 0.73 0.00	42.41 0.95 0.00	38.04 1.03 0.00
NEG WEST_LEA_LOCKPORT 23791	30.35 0.48 0.00	26.57 0.21 0.00	24.26 0.07 0.00	24.05 -0.07 0.00	24.19 -0.10 0.00	25.20 -0.03 0.00	32.05 -0.69 0.00	33.54 -0.20 0.00	37.83 -0.77 0.00	38.86 -0.67 0.00	39.65 -1.18 0.00	40.49 -1.34 0.00	41.37 -1.15 0.00	43.85 -0.80 0.00	47.19 -0.77 0.00	50.32 -2.21 0.00	50.31 -1.88 0.00	55.43 -1.07 0.00	57.88 -0.12 0.00	55.74 -0.28 0.00	54.24 -1.33 0.00	47.20 -1.06 0.00	40.25 -1.20 0.00	36.37 -0.63 0.00
NEG WEST___LANCASTR 23811	30.08 0.21 0.00	26.38 0.03 0.00	24.12 -0.07 0.00	23.93 -0.19 0.00	24.10 -0.19 0.00	25.12 -0.10 0.00	32.19 -0.56 0.00	33.91 0.17 0.00	38.29 -0.31 0.00	39.25 -0.28 0.00	40.18 -0.65 0.00	40.66 -1.17 0.00	41.58 -0.94 0.00	44.12 -0.54 0.00	47.52 -0.43 0.00	50.95 -1.58 0.00	50.99 -1.20 0.00	56.11 -0.40 0.00	58.41 0.41 0.00	56.07 0.06 0.00	54.52 -1.06 0.00	47.44 -0.82 0.00	40.34 -1.12 0.00	36.33 -0.67 0.00
NEG_PENN_ALLEGHNY 23528	30.38 0.51 0.00	26.83 0.47 0.00	24.60 0.41 0.00	24.48 0.36 0.00	24.65 0.36 0.00	25.70 0.48 0.00	33.14 0.39 0.00	34.59 0.84 0.00	39.25 0.66 0.00	40.24 0.71 0.00	41.53 0.69 0.00	42.50 0.67 0.00	43.24 0.72 0.00	45.32 0.67 0.00	48.72 0.76 0.00	53.10 0.58 0.00	52.87 0.68 0.00	57.74 1.24 0.00	59.68 1.68 0.00	57.31 1.29 0.00	56.41 0.83 0.00	49.03 0.77 0.00	41.87 0.41 0.00	37.30 0.29 0.00
NEG___GEN_MONROE 24207	30.71 0.84 0.00	26.91 0.55 0.00	24.55 0.36 0.00	24.34 0.22 0.00	24.48 0.19 0.00	25.53 0.30 0.00	32.81 0.07 0.00	34.18 0.44 0.00	38.64 0.04 0.00	39.76 0.24 0.00	40.84 0.00 0.00	41.74 -0.08 0.00	42.60 0.09 0.00	45.01 0.36 0.00	48.48 0.53 0.00	52.00 -0.53 0.00	51.93 -0.26 0.00	57.12 0.62 0.00	59.51 1.51 0.00	57.59 1.57 0.00	56.47 0.89 0.00	49.08 0.82 0.00	41.83 0.37 0.00	37.59 0.59 0.00
NEPA___ENERGY 23901	29.87 0.00 0.00	26.25 -0.11 0.00	23.97 -0.22 0.00	23.83 -0.29 0.00	23.97 -0.32 0.00	25.00 -0.23 0.00	32.05 -0.69 0.00	33.74 0.00 0.00	38.06 -0.54 0.00	38.97 -0.55 0.00	39.94 -0.90 0.00	40.45 -1.38 0.00	41.28 -1.23 0.00	43.76 -0.89 0.00	47.14 -0.82 0.00	50.74 -1.79 0.00	50.73 -1.46 0.00	55.71 -0.79 0.00	57.88 -0.12 0.00	55.63 -0.39 0.00	54.30 -1.28 0.00	47.30 -0.97 0.00	40.25 -1.20 0.00	36.11 -0.89 0.00

NEVERSINK___HYD 23608	31.25 1.37 0.00	27.73 1.37 0.00	25.42 1.23 0.00	25.35 1.23 0.00	25.58 1.29 0.00	26.51 1.29 0.00	34.25 1.51 0.00	36.17 2.43 0.00	41.07 2.47 0.00	42.10 2.57 0.00	43.04 2.20 0.00	43.91 2.01 -0.07	44.80 2.08 -0.20	47.32 2.45 -0.21	51.09 2.64 -0.50	57.03 3.31 -1.19	55.83 3.29 -0.36	60.79 4.29 0.00	62.53 4.53 0.00	59.61 3.59 0.00	58.69 3.11 0.00	50.77 2.51 0.00	43.65 2.20 0.00	38.85 1.85 0.00
NEWKRMKL_115KV_TB1 55635	30.56 0.69 0.00	27.17 0.82 0.00	24.94 0.75 0.00	24.87 0.75 0.00	25.02 0.73 0.00	25.98 0.76 0.00	33.36 0.62 0.00	34.65 0.91 0.00	39.29 0.69 0.00	40.16 0.63 0.00	41.33 0.49 0.00	42.22 0.46 0.07	42.71 0.38 0.19	44.77 0.31 0.20	47.82 0.34 0.47	52.03 0.63 1.12	52.38 0.52 0.33	57.52 1.02 0.00	59.04 1.04 0.00	56.75 0.73 0.00	55.97 0.39 0.00	48.60 0.34 0.00	41.79 0.33 0.00	37.37 0.37 0.00
NEWTON___FALLS_HYD 23847	29.87 0.00 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.05 -0.07 0.00	24.31 0.02 0.00	25.35 0.13 0.00	33.17 0.43 0.00	34.18 0.44 0.00	39.22 0.62 0.00	39.96 0.43 0.00	41.33 0.49 0.00	42.46 0.63 0.00	43.15 0.64 0.00	45.41 0.76 0.00	48.72 0.77 0.00	53.36 0.84 0.00	53.29 1.10 0.00	57.46 0.96 0.00	59.16 1.16 0.00	57.31 1.29 0.00	57.14 1.56 0.00	49.66 1.40 0.00	42.62 1.16 0.00	37.78 0.78 0.00
NGRID_A1_DSASP 323792	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.65 0.00	24.85 -0.38 0.00	31.37 -1.37 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.83 -1.70 0.00	39.37 -1.47 0.00	40.99 -0.84 0.00	41.66 -0.85 0.00	43.05 -1.61 0.00	46.08 -1.87 0.00	49.16 -3.36 0.00	49.37 -2.82 0.00	54.02 -2.48 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.86 -2.72 0.00	46.04 -2.22 0.00	39.34 -2.11 0.00	35.52 -1.48 0.00
NGRID_A2_DSASP 323793	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.65 0.00	24.85 -0.38 0.00	31.37 -1.37 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.83 -1.70 0.00	39.37 -1.47 0.00	40.99 -0.84 0.00	41.66 -0.85 0.00	43.05 -1.61 0.00	46.08 -1.87 0.00	49.16 -3.36 0.00	49.37 -2.82 0.00	54.02 -2.48 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.86 -2.72 0.00	46.04 -2.22 0.00	39.34 -2.11 0.00	35.52 -1.48 0.00
NGRID_A4_DSASP 323807	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.65 0.00	24.85 -0.38 0.00	31.37 -1.37 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.83 -1.70 0.00	39.37 -1.47 0.00	40.99 -0.84 0.00	41.66 -0.85 0.00	43.05 -1.61 0.00	46.08 -1.87 0.00	49.16 -3.36 0.00	49.37 -2.82 0.00	54.02 -2.48 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.86 -2.72 0.00	46.04 -2.22 0.00	39.34 -2.11 0.00	35.52 -1.48 0.00
NIAGARA_115E_LBMP 323715	30.08 0.21 0.00	26.30 -0.05 0.00	24.04 -0.14 0.00	23.83 -0.29 0.00	23.97 -0.32 0.00	25.15 -0.08 0.00	31.63 -1.11 0.00	33.03 -0.71 0.00	37.25 -1.35 0.00	38.11 -1.42 0.00	39.65 -1.19 0.00	41.37 -0.46 0.00	42.09 -0.43 0.00	43.45 -1.20 0.00	46.52 -1.44 0.00	49.64 -2.89 0.00	49.89 -2.30 0.00	54.58 -1.92 0.00	56.90 -1.10 0.00	54.79 -1.23 0.00	53.41 -2.17 0.00	46.57 -1.69 0.00	39.76 -1.70 0.00	35.85 -1.15 0.00
NIAGARA_115W_LBMP 323714	29.60 -0.27 0.00	25.93 -0.42 0.00	23.63 -0.56 0.00	23.45 -0.68 0.00	23.58 -0.71 0.00	24.77 -0.45 0.00	31.27 -1.47 0.00	32.69 -1.05 0.00	36.86 -1.74 0.00	37.71 -1.82 0.00	39.24 -1.59 0.00	40.87 -0.96 0.00	41.54 -0.98 0.00	42.91 -1.74 0.00	45.94 -2.01 0.00	49.01 -3.52 0.00	49.22 -2.97 0.00	53.85 -2.65 0.00	56.09 -1.91 0.00	54.00 -2.01 0.00	52.69 -2.89 0.00	45.90 -2.36 0.00	39.26 -2.20 0.00	35.41 -1.59 0.00
NIAGARA_230_LBMP 323716	30.02 0.15 0.00	26.28 -0.08 0.00	23.97 -0.22 0.00	23.76 -0.36 0.00	23.90 -0.39 0.00	25.10 -0.13 0.00	31.73 -1.02 0.00	33.17 -0.57 0.00	37.40 -1.20 0.00	38.26 -1.27 0.00	39.82 -1.02 0.00	41.41 -0.42 0.00	42.09 -0.43 0.00	43.49 -1.16 0.00	46.56 -1.39 0.00	49.74 -2.79 0.00	50.00 -2.19 0.00	54.64 -1.86 0.00	56.96 -1.04 0.00	54.84 -1.18 0.00	53.52 -2.06 0.00	46.62 -1.64 0.00	39.84 -1.62 0.00	35.93 -1.07 0.00
NIAGARA___115KV_198_GIBSON 55903	29.61 -0.27 0.00	25.93 -0.42 0.00	23.66 -0.53 0.00	23.45 -0.68 0.00	23.59 -0.70 0.00	24.57 -0.66 0.00	31.27 -1.47 0.00	32.70 -1.05 0.00	36.90 -1.70 0.00	37.83 -1.70 0.00	38.59 -2.25 0.00	39.36 -2.47 0.00	40.22 -2.30 0.00	42.60 -2.05 0.00	45.84 -2.11 0.00	48.90 -3.62 0.00	48.80 -3.39 0.00	53.79 -2.71 0.00	56.09 -1.91 0.00	54.00 -2.02 0.00	52.58 -3.00 0.00	45.75 -2.51 0.00	39.14 -2.32 0.00	35.41 -1.59 0.00
NIAGARA___ 23760	30.02 0.15 0.00	26.28 -0.08 0.00	23.97 -0.22 0.00	23.76 -0.36 0.00	23.90 -0.39 0.00	25.10 -0.13 0.00	31.73 -1.02 0.00	33.17 -0.57 0.00	37.40 -1.20 0.00	38.26 -1.27 0.00	39.82 -1.02 0.00	41.41 -0.42 0.00	42.09 -0.43 0.00	43.49 -1.16 0.00	46.56 -1.39 0.00	49.74 -2.79 0.00	50.00 -2.19 0.00	54.64 -1.86 0.00	56.96 -1.04 0.00	54.84 -1.18 0.00	53.52 -2.06 0.00	46.62 -1.64 0.00	39.84 -1.62 0.00	35.93 -1.07 0.00
NINE_MILE_1 23575	29.31 -0.57 0.00	25.85 -0.50 0.00	23.70 -0.48 0.00	23.61 -0.51 0.00	23.78 -0.51 0.00	24.75 -0.48 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.50 -1.03 0.00	39.78 -1.06 0.00	40.74 -1.09 0.00	41.41 -1.11 0.00	43.45 -1.20 0.00	46.66 -1.29 0.00	50.95 -1.57 0.00	50.67 -1.52 0.00	55.15 -1.36 0.00	56.78 -1.22 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	46.96 -1.30 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00
NINE_MILE_2 23744	29.31 -0.57 0.00	25.85 -0.50 0.00	23.70 -0.48 0.00	23.61 -0.51 0.00	23.78 -0.51 0.00	24.75 -0.48 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.50 -1.03 0.00	39.78 -1.06 0.00	40.74 -1.09 0.00	41.41 -1.11 0.00	43.45 -1.20 0.00	46.66 -1.29 0.00	50.95 -1.57 0.00	50.67 -1.52 0.00	55.15 -1.36 0.00	56.78 -1.22 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	47.01 -1.26 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00
NM_CAPITAL___DRP 24208	30.65 0.78 0.00	27.23 0.87 0.00	25.01 0.82 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.03 0.81 0.00	33.43 0.69 0.00	34.72 0.98 0.00	39.37 0.77 0.00	40.24 0.71 0.00	41.41 0.57 0.00	42.25 0.50 0.08	42.77 0.47 0.21	44.79 0.36 0.22	47.86 0.43 0.52	51.95 0.68 1.26	52.39 0.57 0.37	57.58 1.07 0.00	59.10 1.10 0.00	56.80 0.78 0.00	56.02 0.44 0.00	48.65 0.39 0.00	41.87 0.41 0.00	37.44 0.44 0.00
NM_CENTRAL___DRP 24181	29.90 0.03 0.00	26.41 0.05 0.00	24.19 0.00 0.00	24.10 -0.02 0.00	24.24 -0.05 0.00	25.23 0.00 0.00	32.64 -0.10 0.00	33.74 0.00 0.00	38.48 -0.12 0.00	39.49 -0.04 0.00	40.72 -0.12 0.00	41.54 -0.29 0.00	42.26 -0.26 0.00	44.47 -0.18 0.00	47.86 -0.10 0.00	52.16 -0.37 0.00	51.88 -0.31 0.00	56.56 0.06 0.00	58.35 0.35 0.00	56.19 0.17 0.00	55.41 -0.17 0.00	48.12 -0.14 0.00	41.17 -0.29 0.00	36.70 -0.30 0.00

NM_FRONTIER___DRP 24179	29.61 -0.27 0.00	25.93 -0.42 0.00	23.66 -0.53 0.00	23.45 -0.68 0.00	23.59 -0.70 0.00	24.57 -0.66 0.00	31.27 -1.47 0.00	32.70 -1.05 0.00	36.90 -1.70 0.00	37.83 -1.70 0.00	38.59 -2.25 0.00	39.36 -2.47 0.00	40.22 -2.30 0.00	42.60 -2.05 0.00	45.84 -2.11 0.00	48.90 -3.62 0.00	48.80 -3.39 0.00	53.79 -2.71 0.00	56.09 -1.91 0.00	54.00 -2.02 0.00	52.58 -3.00 0.00	45.75 -2.51 0.00	39.14 -2.32 0.00	35.41 -1.59 0.00
NM_ST_REGIS___HYD 24053	29.67 -0.21 0.00	26.07 -0.29 0.00	23.97 -0.22 0.00	23.88 -0.24 0.00	24.10 -0.19 0.00	25.10 -0.13 0.00	32.97 0.23 0.00	33.84 0.10 0.00	39.02 0.42 0.00	39.88 0.36 0.00	41.37 0.53 0.00	42.66 0.84 0.00	43.45 0.94 0.00	45.68 1.03 0.00	48.86 0.91 0.00	53.52 1.00 0.00	53.23 1.04 0.00	57.07 0.57 0.00	58.35 0.35 0.00	56.63 0.62 0.00	56.75 1.17 0.00	49.47 1.21 0.00	42.58 1.12 0.00	37.85 0.85 0.00
NORTHPORT___1 23551	40.46 2.03 -8.56	37.32 2.08 -8.88	32.27 1.96 -6.13	30.42 1.98 -4.32	31.90 2.06 -5.54	33.92 2.07 -6.62	37.26 2.32 -2.19	40.54 2.87 -3.93	41.58 2.97 -0.01	42.70 3.16 -0.01	43.34 2.49 -0.01	42.24 0.29 -0.11	43.07 0.26 -0.30	46.01 1.07 -0.29	49.96 1.30 -0.71	56.26 2.00 -1.74	55.89 1.78 -1.92	60.51 2.60 -1.41	61.81 2.44 -1.38	58.03 1.74 -0.27	56.69 1.11 0.00	49.28 1.02 0.00	42.99 1.08 -0.46	39.22 1.85 -0.37
NORTHPORT___2 23552	40.46 2.03 -8.56	37.32 2.08 -8.88	32.27 1.96 -6.13	30.42 1.98 -4.32	31.90 2.06 -5.54	33.92 2.07 -6.62	37.26 2.32 -2.19	40.54 2.87 -3.93	41.58 2.97 -0.01	42.70 3.16 -0.01	43.34 2.49 -0.01	42.24 0.29 -0.11	43.07 0.26 -0.30	46.01 1.07 -0.29	49.96 1.30 -0.71	56.26 2.00 -1.74	55.89 1.78 -1.92	60.51 2.60 -1.41	61.81 2.44 -1.38	58.03 1.74 -0.27	56.69 1.11 0.00	49.28 1.02 0.00	42.99 1.08 -0.46	39.22 1.85 -0.37
NORTHPORT___3 23553	40.27 1.76 -8.63	37.16 1.84 -8.96	32.06 1.69 -6.18	30.19 1.71 -4.36	31.68 1.80 -5.59	33.70 1.79 -6.68	36.99 2.03 -2.21	40.27 2.56 -3.97	41.08 2.47 -0.01	42.14 2.61 -0.01	42.48 1.64 -0.01	41.94 0.00 -0.11	42.81 0.00 -0.30	45.69 0.76 -0.28	49.62 0.96 -0.71	55.89 1.63 -1.73	55.45 1.35 -1.91	60.04 2.15 -1.39	61.33 1.97 -1.36	57.52 1.23 -0.27	56.24 0.67 0.01	48.79 0.53 0.01	42.61 0.70 -0.45	38.59 1.22 -0.37
NORTHPORT___4 23650	40.27 1.76 -8.63	37.16 1.84 -8.96	32.06 1.69 -6.18	30.19 1.71 -4.36	31.68 1.80 -5.59	33.70 1.79 -6.68	36.99 2.03 -2.21	40.27 2.56 -3.97	41.08 2.47 -0.01	42.14 2.61 -0.01	42.48 1.64 -0.01	41.94 0.00 -0.11	42.81 0.00 -0.30	45.69 0.76 -0.28	49.62 0.96 -0.71	55.89 1.63 -1.73	55.45 1.35 -1.91	60.04 2.15 -1.39	61.33 1.97 -1.36	57.52 1.23 -0.27	56.24 0.67 0.01	48.79 0.53 0.01	42.61 0.70 -0.45	38.59 1.22 -0.37
NORTHPORT___IC 23718	40.46 2.03 -8.56	37.32 2.08 -8.88	32.27 1.96 -6.13	30.42 1.98 -4.32	31.90 2.06 -5.54	33.94 2.09 -6.62	37.26 2.32 -2.19	40.54 2.87 -3.93	41.58 2.97 -0.01	42.70 3.16 -0.01	43.71 2.86 -0.01	44.74 2.80 -0.11	45.28 2.47 -0.30	45.97 1.03 -0.29	49.82 1.15 -0.71	56.10 1.84 -1.74	55.83 1.72 -1.92	60.28 2.37 -1.41	61.58 2.20 -1.38	57.97 1.68 -0.27	56.58 1.00 0.00	49.18 0.92 0.00	42.95 1.04 -0.46	39.15 1.78 -0.37
NORTH___COUNTRY_ESR 323785	29.22 -0.66 0.00	25.65 -0.71 0.00	23.56 -0.63 0.00	23.50 -0.63 0.00	23.71 -0.58 0.00	24.65 -0.58 0.00	32.42 -0.33 0.00	33.24 -0.51 0.00	38.37 -0.23 0.00	39.33 -0.20 0.00	40.88 0.04 0.00	42.12 0.29 0.00	42.68 0.17 0.00	44.65 0.00 0.00	47.86 -0.10 0.00	52.58 0.05 0.00	52.29 0.10 0.00	56.11 -0.39 0.00	57.53 -0.47 0.00	55.91 -0.11 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.87 0.41 0.00	37.45 0.45 0.00
NPX_GEN_1385_PROXY 323591	39.68 1.46 -8.34	36.92 1.69 -8.88	32.08 1.76 -6.13	30.27 1.83 -4.32	31.65 1.82 -5.54	33.76 1.92 -6.62	37.00 2.06 -2.19	40.30 2.63 -3.93	41.50 2.90 -0.01	42.46 2.92 -0.01	42.77 1.92 -0.01	41.52 -0.42 -0.11	42.35 -0.47 -0.30	45.43 0.49 -0.29	48.00 0.48 0.43	48.00 1.05 5.57	52.00 0.78 0.97	58.00 1.53 0.03	60.36 1.39 -0.97	57.47 1.18 -0.27	56.13 0.56 0.00	48.99 0.73 0.00	42.46 0.54 -0.46	38.89 1.52 -0.37
NPX_GEN_CSC 323557	40.46 1.91 -8.68	37.52 2.16 -9.00	32.39 1.98 -6.21	30.53 2.03 -4.38	32.12 2.21 -5.62	34.06 2.12 -6.72	37.03 2.06 -2.22	40.32 2.60 -3.99	41.23 2.63 -0.01	42.38 2.85 -0.01	43.13 2.29 -0.01	42.32 0.38 -0.11	43.19 0.38 -0.30	46.15 1.21 -0.29	50.25 1.58 -0.71	56.63 2.37 -1.74	56.65 2.29 -2.17	61.37 3.22 -1.65	62.75 3.13 -1.62	58.64 2.30 -0.32	57.08 1.50 0.00	49.61 1.35 0.00	43.21 1.20 -0.55	39.25 1.81 -0.44
NSINS_S_GLNS_FALLS 23858	31.19 1.31 0.00	27.75 1.40 0.00	25.42 1.23 0.00	25.33 1.21 0.00	25.48 1.19 0.00	26.36 1.14 0.00	33.86 1.11 0.00	35.06 1.32 0.00	39.91 1.31 0.00	40.56 1.03 0.00	41.70 0.86 0.00	42.59 0.84 0.08	43.06 0.77 0.22	45.10 0.67 0.23	48.18 0.77 0.54	52.34 1.10 1.29	53.06 1.25 0.38	58.48 1.98 0.00	60.26 2.26 0.00	58.04 2.02 0.00	57.36 1.78 0.00	49.90 1.64 0.00	42.62 1.16 0.00	38.41 1.41 0.00
NUCOR_STEEL___DRP 24197	30.26 0.39 0.00	26.73 0.37 0.00	24.48 0.29 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.53 0.30 0.00	33.00 0.26 0.00	34.21 0.47 0.00	38.91 0.31 0.00	39.88 0.36 0.00	41.12 0.29 0.00	41.91 0.08 0.00	42.64 0.13 0.00	44.92 0.27 0.00	48.34 0.38 0.00	52.63 0.11 0.00	52.40 0.21 0.00	57.29 0.79 0.00	59.28 1.28 0.00	57.08 1.06 0.00	56.30 0.72 0.00	48.89 0.63 0.00	41.75 0.29 0.00	37.22 0.22 0.00
NUMBER_THREE_WT_PWR 323818	29.99 0.12 0.00	26.44 0.08 0.00	24.26 0.07 0.00	24.22 0.10 0.00	24.51 0.22 0.00	25.63 0.40 0.00	33.40 0.65 0.00	34.55 0.81 0.00	39.45 0.85 0.00	40.16 0.63 0.00	41.45 0.61 0.00	42.41 0.59 0.00	43.11 0.59 0.00	45.28 0.62 0.00	48.96 1.01 0.00	53.63 1.10 0.00	53.65 1.46 0.00	58.26 1.75 0.00	60.32 2.32 0.00	58.32 2.30 0.00	57.86 2.28 0.00	49.95 1.69 0.00	42.66 1.20 0.00	37.70 0.70 0.00
NYISO_LBMP_REFERENCE 24008	29.87 0.00 0.00	26.36 0.00 0.00	24.19 0.00 0.00	24.12 0.00 0.00	24.29 0.00 0.00	25.23 0.00 0.00	32.74 0.00 0.00	33.74 0.00 0.00	38.60 0.00 0.00	39.53 0.00 0.00	40.84 0.00 0.00	41.83 0.00 0.00	42.51 0.00 0.00	44.65 0.00 0.00	47.95 0.00 0.00	52.52 0.00 0.00	52.19 0.00 0.00	56.50 0.00 0.00	58.00 0.00 0.00	56.02 0.00 0.00	55.58 0.00 0.00	48.26 0.00 0.00	41.46 0.00 0.00	37.00 0.00 0.00
NYPA_BRENTWD____GT 24164	41.09 2.39 -8.82	37.88 2.37 -9.15	32.71 2.20 -6.32	30.79 2.22 -4.45	32.34 2.33 -5.72	34.37 2.32 -6.83	37.66 2.65 -2.26	41.03 3.24 -4.05	42.00 3.40 -0.01	43.13 3.60 -0.01	43.87 3.02 -0.01	43.03 1.09 -0.11	43.88 1.06 -0.30	46.90 1.96 -0.29	50.97 2.30 -0.71	57.36 3.10 -1.74	57.63 2.97 -2.47	62.19 3.73 -1.96	63.57 3.66 -1.92	59.25 2.86 -0.38	57.74 2.17 0.00	50.34 2.07 0.00	44.02 1.91 -0.66	39.93 2.40 -0.52

NYPA_GOWANUS____GT5 24156	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NYPA_GOWANUS____GT6 24157	32.05 2.18 0.00	28.41 2.06 0.00	26.00 1.82 0.00	25.95 1.83 0.00	26.21 1.92 0.00	27.09 1.87 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.89 3.36 -0.01	43.91 3.06 -0.01	44.61 2.68 -0.10	45.53 2.72 -0.29	47.99 3.04 -0.30	51.98 3.31 -0.72	58.09 3.83 -1.73	56.10 3.39 -0.52	60.96 4.46 0.00	62.23 4.23 0.00	59.27 3.25 0.00	58.14 2.56 0.00	50.29 2.03 0.00	43.86 2.40 0.00	39.34 2.33 -0.01
NYPA_HARLEM__RVR__GT1 24160	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.26 1.97 -0.01	27.07 1.84 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.37 2.78 0.01	42.52 3.00 0.01	43.52 2.69 0.01	44.31 2.38 -0.10	45.18 2.38 -0.28	47.63 2.68 -0.30	51.64 2.97 -0.71	57.51 3.26 -1.72	55.57 2.87 -0.51	60.28 3.79 0.01	61.71 3.72 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.10 1.83 0.00	43.83 2.36 -0.01	39.27 2.26 -0.01
NYPA_HARLEM__RVR__GT2 24161	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.26 1.97 -0.01	27.07 1.84 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.37 2.78 0.01	42.52 3.00 0.01	43.52 2.69 0.01	44.31 2.38 -0.10	45.18 2.38 -0.28	47.63 2.68 -0.30	51.64 2.97 -0.71	57.51 3.26 -1.72	55.57 2.87 -0.51	60.28 3.79 0.01	61.71 3.72 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.10 1.83 0.00	43.83 2.36 -0.01	39.27 2.26 -0.01
NYPA_KENT____GT 24152	32.00 2.12 0.00	28.36 2.00 0.00	25.98 1.79 0.00	25.93 1.81 0.00	26.19 1.90 0.00	27.07 1.84 0.00	34.90 2.16 0.00	36.64 2.90 0.00	41.65 3.05 0.00	42.81 3.28 0.00	43.82 2.98 0.00	44.57 2.64 -0.10	45.44 2.64 -0.29	47.90 2.95 -0.30	51.89 3.21 -0.72	57.93 3.68 -1.73	55.94 3.24 -0.52	60.79 4.29 0.00	62.12 4.12 0.00	59.15 3.14 0.00	58.02 2.44 0.00	50.19 1.93 0.00	43.78 2.32 0.00	39.23 2.22 0.00
NYPA_POUCHI____GT 24155	32.03 2.15 0.00	28.39 2.03 0.00	25.95 1.76 0.00	25.91 1.79 0.00	26.16 1.87 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.81 3.28 -0.01	43.79 2.94 -0.01	44.40 2.47 -0.10	44.55 2.51 0.47	45.83 2.77 1.59	46.19 3.07 4.84	47.16 3.57 8.94	47.17 3.13 8.15	55.68 4.12 4.94	54.07 3.95 7.88	49.65 2.97 9.34	47.46 2.28 10.40	46.54 1.79 3.51	43.69 2.24 0.00	39.27 2.26 -0.01
NYPA_VERNON____GT2 24162	31.91 2.03 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.16 1.87 0.00	27.04 1.82 0.00	34.87 2.13 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.73 3.20 0.00	43.74 2.90 0.00	44.48 2.55 -0.10	45.35 2.55 -0.29	47.86 2.90 -0.30	51.79 3.12 -0.72	57.83 3.57 -1.73	55.84 3.13 -0.52	60.62 4.12 0.00	61.95 3.95 0.00	58.99 2.97 0.00	57.86 2.28 0.00	50.14 1.88 0.00	43.65 2.20 0.00	39.15 2.15 0.00
NYPA_VERNON____GT3 24163	31.91 2.03 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.16 1.87 0.00	27.04 1.82 0.00	34.87 2.13 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.73 3.20 0.00	43.74 2.90 0.00	44.48 2.55 -0.10	45.35 2.55 -0.29	47.86 2.90 -0.30	51.79 3.12 -0.72	57.83 3.57 -1.73	55.84 3.13 -0.52	60.62 4.12 0.00	61.95 3.95 0.00	58.99 2.97 0.00	57.86 2.28 0.00	50.14 1.88 0.00	43.65 2.20 0.00	39.15 2.15 0.00
NYPA__ASTORIA_CC1 323568	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.13 1.85 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.90 0.00	42.65 3.12 0.00	43.65 2.82 0.00	44.40 2.47 -0.10	45.27 2.46 -0.29	47.73 2.77 -0.30	51.70 3.02 -0.72	57.67 3.41 -1.73	55.62 2.92 -0.51	60.46 3.95 0.00	61.76 3.77 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.00 1.73 0.00	43.57 2.11 0.00	39.07 2.07 0.00
NYPA__ASTORIA_CC2 323569	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.13 1.85 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.90 0.00	42.65 3.12 0.00	43.65 2.82 0.00	44.40 2.47 -0.10	45.27 2.46 -0.29	47.73 2.77 -0.30	51.70 3.02 -0.72	57.67 3.41 -1.73	55.62 2.92 -0.51	60.46 3.95 0.00	61.76 3.77 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.00 1.73 0.00	43.57 2.11 0.00	39.07 2.07 0.00
NYPA__HOLTSVILL 23794	40.69 2.15 -8.67	37.56 2.21 -8.99	32.43 2.03 -6.21	30.57 2.07 -4.37	32.09 2.19 -5.61	34.10 2.17 -6.71	37.32 2.36 -2.22	40.59 2.87 -3.98	41.54 2.93 -0.01	42.70 3.16 -0.01	43.46 2.62 -0.01	42.65 0.71 -0.11	43.49 0.68 -0.30	46.46 1.52 -0.29	50.54 1.87 -0.71	56.84 2.57 -1.74	56.79 2.45 -2.15	61.47 3.33 -1.63	62.84 3.25 -1.60	58.80 2.46 -0.32	57.30 1.72 0.00	49.85 1.59 0.00	43.49 1.49 -0.54	39.54 2.11 -0.43
NYPA____HELLGATE_GT1 24158	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.26 1.97 -0.01	27.07 1.84 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.37 2.78 0.01	42.52 3.00 0.01	43.52 2.69 0.01	44.31 2.38 -0.10	45.18 2.38 -0.28	47.63 2.68 -0.30	51.59 2.93 -0.71	57.51 3.26 -1.72	55.57 2.87 -0.51	60.28 3.79 0.01	61.71 3.72 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.14 1.88 0.00	43.83 2.36 -0.01	39.27 2.26 -0.01
NYPA____HELLGATE_GT2 24159	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.26 1.97 -0.01	27.07 1.84 0.00	34.84 2.10 0.00	36.51 2.77 0.00	41.37 2.78 0.01	42.52 3.00 0.01	43.52 2.69 0.01	44.31 2.38 -0.10	45.18 2.38 -0.28	47.63 2.68 -0.30	51.59 2.93 -0.71	57.51 3.26 -1.72	55.57 2.87 -0.51	60.28 3.79 0.01	61.71 3.72 0.01	58.81 2.80 0.01	57.68 2.11 0.01	50.14 1.88 0.00	43.83 2.36 -0.01	39.27 2.26 -0.01
NYS_BARGE__HYD 23848	30.41 0.54 0.00	26.59 0.24 0.00	24.29 0.10 0.00	24.07 -0.05 0.00	24.22 -0.07 0.00	25.43 0.20 0.00	32.05 -0.69 0.00	33.54 -0.20 0.00	37.83 -0.77 0.00	38.74 -0.79 0.00	40.35 -0.49 0.00	42.04 0.21 0.00	42.77 0.26 0.00	44.16 -0.49 0.00	47.33 -0.62 0.00	50.53 -2.00 0.00	50.78 -1.41 0.00	55.60 -0.91 0.00	58.00 0.00 0.00	55.85 -0.17 0.00	54.47 -1.11 0.00	47.44 -0.82 0.00	40.46 -1.00 0.00	36.41 -0.59 0.00
OAK ORCHARD__HYD 24046	30.44 0.57 0.00	26.70 0.34 0.00	24.38 0.19 0.00	24.19 0.07 0.00	24.34 0.05 0.00	25.48 0.25 0.00	32.58 -0.16 0.00	33.98 0.24 0.00	38.52 -0.08 0.00	39.57 0.04 0.00	41.08 0.25 0.00	42.41 0.59 0.00	43.19 0.68 0.00	44.97 0.31 0.00	48.24 0.29 0.00	51.95 -0.58 0.00	52.03 -0.16 0.00	56.90 0.40 0.00	59.04 1.05 0.00	57.03 1.01 0.00	56.02 0.44 0.00	48.65 0.38 0.00	41.46 0.00 0.00	37.11 0.11 0.00

OAKDALE___35_KV_LOAD 356122	30.35 0.48 0.00	26.80 0.45 0.00	24.58 0.39 0.00	24.48 0.36 0.00	24.63 0.34 0.00	25.63 0.40 0.00	33.07 0.33 0.00	34.52 0.78 0.00	39.18 0.58 0.00	40.16 0.63 0.00	41.29 0.45 0.00	42.08 0.25 0.00	42.81 0.30 0.00	45.10 0.45 0.00	48.53 0.58 0.00	52.84 0.32 0.00	52.61 0.42 0.00	57.52 1.02 0.00	59.39 1.39 0.00	57.08 1.06 0.00	56.13 0.56 0.00	48.79 0.53 0.00	41.71 0.25 0.00	37.22 0.22 0.00
OCC_CHEM___DRP 24175	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.66 0.00	24.62 -0.61 0.00	31.37 -1.38 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.95 -1.58 0.00	38.71 -2.12 0.00	39.49 -2.34 0.00	40.34 -2.17 0.00	42.73 -1.92 0.00	45.99 -1.97 0.00	49.06 -3.47 0.00	48.95 -3.24 0.00	53.96 -2.54 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.74 -2.83 0.00	45.90 -2.36 0.00	39.22 -2.24 0.00	35.52 -1.48 0.00
OH_GEN_PROXY 24063	29.99 0.12 0.00	26.28 -0.08 0.00	23.97 -0.22 0.00	23.76 -0.36 0.00	23.90 -0.39 0.00	25.10 -0.13 0.00	31.73 -1.02 0.00	33.20 -0.54 0.00	37.44 -1.16 0.00	38.30 -1.23 0.00	39.86 -0.98 0.00	41.41 -0.42 0.00	42.13 -0.38 0.00	43.54 -1.11 0.00	46.66 -1.29 0.00	49.85 -2.68 0.00	50.10 -2.09 0.00	54.75 -1.75 0.00	57.07 -0.93 0.00	54.95 -1.07 0.00	53.63 -1.95 0.00	46.72 -1.55 0.00	39.88 -1.58 0.00	35.93 -1.07 0.00
OLIN_CORP_DRP 24177	30.08 0.21 0.00	26.33 -0.03 0.00	24.07 -0.12 0.00	23.86 -0.27 0.00	24.00 -0.29 0.00	24.97 -0.25 0.00	31.66 -1.08 0.00	33.07 -0.67 0.00	37.29 -1.31 0.00	38.26 -1.26 0.00	39.04 -1.80 0.00	39.90 -1.92 0.00	40.81 -1.70 0.00	43.22 -1.43 0.00	46.51 -1.44 0.00	49.58 -2.94 0.00	49.58 -2.61 0.00	54.58 -1.92 0.00	56.96 -1.04 0.00	54.84 -1.18 0.00	53.41 -2.17 0.00	46.48 -1.79 0.00	39.67 -1.78 0.00	35.89 -1.11 0.00
OLIN_CORP_DSASP 323712	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.65 0.00	24.85 -0.38 0.00	31.37 -1.37 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.83 -1.70 0.00	39.37 -1.47 0.00	40.99 -0.84 0.00	41.66 -0.85 0.00	43.05 -1.61 0.00	46.08 -1.87 0.00	49.16 -3.36 0.00	49.37 -2.82 0.00	54.02 -2.48 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.86 -2.72 0.00	46.04 -2.22 0.00	39.34 -2.11 0.00	35.52 -1.48 0.00
ONEIDA_HERK_LFGE 323681	30.32 0.45 0.00	26.78 0.42 0.00	24.57 0.39 0.00	24.48 0.36 0.00	24.73 0.44 0.00	25.81 0.58 0.00	33.50 0.75 0.00	34.72 0.98 0.00	39.60 1.00 0.00	40.40 0.87 0.00	41.70 0.86 0.00	42.66 0.84 0.00	43.32 0.81 0.00	45.55 0.89 0.00	49.06 1.10 0.00	53.73 1.21 0.00	53.70 1.51 0.00	58.31 1.81 0.00	60.26 2.26 0.00	58.09 2.07 0.00	57.58 2.00 0.00	49.90 1.64 0.00	42.62 1.16 0.00	37.81 0.81 0.00
ONEIDA___115KV_TB4 55905	30.65 0.78 0.00	27.07 0.71 0.00	24.82 0.63 0.00	24.70 0.58 0.00	24.95 0.66 0.00	26.01 0.78 0.00	33.69 0.95 0.00	34.92 1.18 0.00	39.79 1.20 0.00	40.67 1.15 0.00	41.90 1.06 0.00	42.79 0.96 0.00	43.53 1.02 0.00	45.81 1.16 0.00	49.25 1.29 0.00	53.89 1.37 0.00	53.81 1.62 0.00	58.59 2.09 0.00	60.55 2.55 0.00	58.37 2.35 0.00	57.69 2.11 0.00	50.10 1.83 0.00	42.78 1.33 0.00	38.00 1.00 0.00
ONONDAGA_REF_OCCRA 23987	29.99 0.12 0.00	26.49 0.13 0.00	24.28 0.10 0.00	24.17 0.05 0.00	24.34 0.05 0.00	25.33 0.10 0.00	32.78 0.03 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.61 0.08 0.00	40.84 0.00 0.00	41.70 -0.13 0.00	42.39 -0.13 0.00	44.65 0.00 0.00	48.05 0.10 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.84 0.34 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.75 0.17 0.00	48.36 0.10 0.00	41.37 -0.08 0.00	36.85 -0.15 0.00
ONONDAGA___COGEN 23986	30.05 0.18 0.00	26.51 0.16 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.35 0.13 0.00	32.81 0.07 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.88 0.04 0.00	41.70 -0.13 0.00	42.43 -0.09 0.00	44.65 0.00 0.00	48.05 0.10 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.37 -0.08 0.00	36.89 -0.11 0.00
ONTARIO___LFGE 23819	30.56 0.69 0.00	26.88 0.53 0.00	24.62 0.44 0.00	24.48 0.36 0.00	24.63 0.34 0.00	25.81 0.58 0.00	33.23 0.49 0.00	34.68 0.94 0.00	39.33 0.73 0.00	40.32 0.79 0.00	41.70 0.86 0.00	42.79 0.96 0.00	43.53 1.02 0.00	45.55 0.89 0.00	49.01 1.05 0.00	53.05 0.53 0.00	53.02 0.83 0.00	58.14 1.64 0.00	60.43 2.44 0.00	58.15 2.13 0.00	57.19 1.61 0.00	49.61 1.35 0.00	42.16 0.70 0.00	37.52 0.52 0.00
ORANGEVILLE_WT_PWR 323706	30.20 0.33 0.00	26.52 0.16 0.00	24.24 0.05 0.00	24.07 -0.05 0.00	24.24 -0.05 0.00	25.48 0.25 0.00	32.38 -0.36 0.00	33.94 0.20 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	42.12 0.29 0.00	42.85 0.34 0.00	44.43 -0.22 0.00	47.71 -0.24 0.00	51.26 -1.26 0.00	51.41 -0.78 0.00	56.28 -0.23 0.00	58.64 0.64 0.00	56.52 0.50 0.00	55.30 -0.28 0.00	48.12 -0.14 0.00	40.84 -0.62 0.00	36.52 -0.48 0.00
ORANGEVILLE___ESR 323794	30.20 0.33 0.00	26.52 0.16 0.00	24.24 0.05 0.00	24.07 -0.05 0.00	24.24 -0.05 0.00	25.48 0.25 0.00	32.38 -0.36 0.00	33.94 0.20 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	42.12 0.29 0.00	42.85 0.34 0.00	44.43 -0.22 0.00	47.71 -0.24 0.00	51.26 -1.26 0.00	51.41 -0.78 0.00	56.28 -0.23 0.00	58.64 0.64 0.00	56.52 0.50 0.00	55.30 -0.28 0.00	48.12 -0.14 0.00	40.84 -0.62 0.00	36.52 -0.48 0.00
OSWEGATCHIE___HYD 24044	29.87 0.00 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.05 -0.07 0.00	24.31 0.02 0.00	25.35 0.13 0.00	33.17 0.42 0.00	34.18 0.44 0.00	39.21 0.62 0.00	39.96 0.44 0.00	41.33 0.49 0.00	42.46 0.63 0.00	43.15 0.64 0.00	45.28 0.62 0.00	48.62 0.67 0.00	53.26 0.73 0.00	53.18 0.99 0.00	57.40 0.90 0.00	59.04 1.05 0.00	57.25 1.23 0.00	57.02 1.44 0.00	49.57 1.30 0.00	42.58 1.12 0.00	37.78 0.78 0.00
OSWEGO___5 23606	29.52 -0.36 0.00	26.04 -0.32 0.00	23.87 -0.32 0.00	23.78 -0.34 0.00	23.95 -0.34 0.00	24.92 -0.30 0.00	32.22 -0.53 0.00	33.20 -0.54 0.00	37.86 -0.73 0.00	38.82 -0.71 0.00	40.10 -0.73 0.00	41.08 -0.75 0.00	41.75 -0.76 0.00	43.80 -0.85 0.00	47.04 -0.91 0.00	51.37 -1.16 0.00	51.09 -1.10 0.00	55.60 -0.91 0.00	57.24 -0.76 0.00	55.18 -0.84 0.00	54.58 -1.00 0.00	47.39 -0.87 0.00	40.58 -0.87 0.00	36.22 -0.78 0.00
OSWEGO___6 23613	29.52 -0.36 0.00	26.04 -0.32 0.00	23.87 -0.32 0.00	23.78 -0.34 0.00	23.95 -0.34 0.00	24.92 -0.30 0.00	32.22 -0.53 0.00	33.20 -0.54 0.00	37.86 -0.73 0.00	38.82 -0.71 0.00	40.10 -0.73 0.00	41.08 -0.75 0.00	41.75 -0.76 0.00	43.80 -0.85 0.00	47.04 -0.91 0.00	51.37 -1.16 0.00	51.09 -1.10 0.00	55.60 -0.91 0.00	57.24 -0.76 0.00	55.18 -0.84 0.00	54.58 -1.00 0.00	47.39 -0.87 0.00	40.58 -0.87 0.00	36.22 -0.78 0.00

OUTOKUMPU-AB___DRP 24206	30.44 0.57 0.00	26.65 0.29 0.00	24.33 0.15 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.30 0.08 0.00	32.22 -0.52 0.00	33.81 0.07 0.00	38.21 -0.39 0.00	39.21 -0.32 0.00	40.02 -0.82 0.00	40.82 -1.00 0.00	41.75 -0.77 0.00	44.25 -0.40 0.00	47.67 -0.29 0.00	50.84 -1.68 0.00	50.78 -1.41 0.00	55.94 -0.57 0.00	58.35 0.35 0.00	56.13 0.11 0.00	54.58 -1.00 0.00	47.49 -0.77 0.00	40.50 -0.95 0.00	36.52 -0.48 0.00
OXBOW___BTM 323836	30.14 0.27 0.00	26.36 0.00 0.00	24.07 -0.12 0.00	23.86 -0.26 0.00	24.00 -0.29 0.00	25.20 -0.03 0.00	31.83 -0.92 0.00	33.37 -0.37 0.00	37.67 -0.93 0.00	38.54 -0.99 0.00	40.14 -0.69 0.00	41.79 -0.04 0.00	42.51 0.00 0.00	43.89 -0.76 0.00	47.04 -0.91 0.00	50.21 -2.31 0.00	50.47 -1.72 0.00	55.20 -1.30 0.00	57.53 -0.47 0.00	55.35 -0.67 0.00	53.91 -1.67 0.00	46.96 -1.30 0.00	40.09 -1.37 0.00	36.11 -0.89 0.00
OXBOW___ 24026	30.14 0.27 0.00	26.38 0.03 0.00	24.07 -0.12 0.00	23.86 -0.27 0.00	24.00 -0.29 0.00	25.00 -0.23 0.00	31.86 -0.88 0.00	33.37 -0.37 0.00	37.67 -0.93 0.00	38.66 -0.87 0.00	39.45 -1.39 0.00	40.24 -1.59 0.00	41.15 -1.36 0.00	43.63 -1.03 0.00	46.95 -1.01 0.00	50.06 -2.47 0.00	50.05 -2.14 0.00	55.09 -1.41 0.00	57.48 -0.52 0.00	55.29 -0.73 0.00	53.80 -1.78 0.00	46.81 -1.45 0.00	39.96 -1.49 0.00	36.11 -0.89 0.00
OXY_CHEM_DSASP 323612	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.66 0.00	24.62 -0.61 0.00	31.37 -1.38 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.95 -1.58 0.00	38.71 -2.12 0.00	39.49 -2.34 0.00	40.34 -2.17 0.00	42.73 -1.92 0.00	45.99 -1.97 0.00	49.06 -3.47 0.00	48.95 -3.24 0.00	53.96 -2.54 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.74 -2.83 0.00	45.90 -2.36 0.00	39.22 -2.24 0.00	35.52 -1.48 0.00
OZONE_PARK_ESR 323760	32.03 2.15 0.00	28.39 2.03 0.00	26.03 1.84 0.00	25.98 1.86 0.00	26.23 1.94 0.00	27.17 1.94 0.00	35.07 2.32 0.00	36.81 3.07 0.00	41.80 3.20 0.00	42.97 3.44 0.00	44.19 3.35 0.00	45.24 3.30 0.00	45.99 3.19 0.00	48.13 3.17 0.00	52.03 3.36 0.00	58.25 3.99 -1.73	56.41 3.71 -0.52	61.19 4.69 0.00	62.52 4.52 0.00	59.72 3.70 0.00	58.52 2.95 0.00	50.58 2.32 0.00	43.94 2.49 0.00	39.33 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.66 0.00	24.62 -0.61 0.00	31.37 -1.38 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.95 -1.58 0.00	38.71 -2.12 0.00	39.49 -2.34 0.00	40.34 -2.17 0.00	42.73 -1.92 0.00	45.99 -1.97 0.00	49.06 -3.47 0.00	48.95 -3.24 0.00	53.96 -2.54 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.74 -2.83 0.00	45.90 -2.36 0.00	39.22 -2.24 0.00	35.52 -1.48 0.00
PACKARD___115KV_DUPONT_184 80571	29.70 -0.18 0.00	25.99 -0.37 0.00	23.70 -0.48 0.00	23.50 -0.63 0.00	23.63 -0.66 0.00	24.62 -0.61 0.00	31.37 -1.38 0.00	32.80 -0.94 0.00	36.98 -1.62 0.00	37.95 -1.58 0.00	38.71 -2.12 0.00	39.49 -2.34 0.00	40.34 -2.17 0.00	42.73 -1.92 0.00	45.99 -1.97 0.00	49.06 -3.47 0.00	48.95 -3.24 0.00	53.96 -2.54 0.00	56.26 -1.74 0.00	54.17 -1.85 0.00	52.74 -2.83 0.00	45.90 -2.36 0.00	39.22 -2.24 0.00	35.52 -1.48 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.03 2.15 -0.01	28.42 2.06 -0.01	26.03 1.84 0.00	25.98 1.86 0.00	26.24 1.94 -0.01	27.09 1.87 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.30 2.70 0.00	42.45 2.93 0.00	43.66 2.82 0.00	44.65 2.72 -0.10	45.40 2.59 -0.29	47.50 2.55 -0.30	51.36 2.69 -0.72	57.36 3.10 -1.73	55.46 2.77 -0.51	60.01 3.50 0.00	61.41 3.42 0.01	58.64 2.63 0.01	57.46 1.89 0.01	49.85 1.59 0.00	43.70 2.24 -0.01	39.23 2.22 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.33 2.45 -0.01	28.68 2.32 -0.01	26.27 2.08 0.00	26.22 2.10 0.00	26.51 2.21 -0.01	27.34 2.12 0.00	35.17 2.42 0.00	36.81 3.07 0.00	41.69 3.09 0.00	42.81 3.28 0.00	44.02 3.19 0.00	45.03 3.10 -0.10	45.78 2.98 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.83 3.57 -1.73	55.99 3.29 -0.51	60.63 4.12 0.00	62.05 4.06 0.01	59.32 3.31 0.01	58.07 2.50 0.01	50.39 2.12 0.00	44.16 2.69 -0.01	39.64 2.63 -0.01
PATROON___115KV_TB1 80586	30.65 0.78 0.00	27.25 0.90 0.00	25.01 0.82 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.03 0.81 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.41 0.81 0.00	40.28 0.75 0.00	41.45 0.61 0.00	42.34 0.59 0.07	42.87 0.55 0.19	44.90 0.45 0.20	47.95 0.48 0.48	52.15 0.79 1.16	52.58 0.73 0.35	57.69 1.19 0.00	59.22 1.22 0.00	56.97 0.95 0.00	56.13 0.56 0.00	48.79 0.53 0.00	41.95 0.50 0.00	37.48 0.48 0.00
PATTRSNVILLE___SOLAR 323815	31.22 1.35 0.00	27.67 1.32 0.00	25.37 1.18 0.00	25.33 1.21 0.00	25.48 1.19 0.00	26.46 1.24 0.00	34.09 1.34 0.00	35.33 1.59 0.00	40.18 1.58 0.00	40.99 1.46 0.00	42.11 1.27 0.00	42.90 1.13 0.06	43.46 1.10 0.16	45.70 1.21 0.16	48.81 1.24 0.39	53.17 1.57 0.93	53.58 1.67 0.28	58.82 2.32 0.00	60.67 2.67 0.00	58.43 2.41 0.00	57.80 2.23 0.00	50.24 1.98 0.00	43.03 1.57 0.00	38.44 1.44 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.35 0.48 0.00	26.59 0.24 0.00	24.28 0.10 0.00	24.10 -0.02 0.00	24.27 -0.02 0.00	25.30 0.08 0.00	32.35 -0.39 0.00	34.11 0.37 0.00	38.52 -0.08 0.00	39.53 0.00 0.00	40.43 -0.41 0.00	41.03 -0.79 0.00	41.96 -0.55 0.00	44.52 -0.13 0.00	48.00 0.05 0.00	51.37 -1.16 0.00	51.41 -0.78 0.00	56.62 0.11 0.00	58.93 0.93 0.00	56.58 0.56 0.00	54.97 -0.61 0.00	47.83 -0.43 0.00	40.67 -0.79 0.00	36.59 -0.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.64 1.76 0.00	28.10 1.74 0.00	25.78 1.60 0.00	25.74 1.62 0.00	25.99 1.70 0.00	26.94 1.72 0.00	34.74 2.00 0.00	36.34 2.60 0.00	41.26 2.66 0.00	42.33 2.81 0.00	43.57 2.74 0.00	44.64 2.72 -0.09	45.45 2.68 -0.26	47.65 2.72 -0.27	51.57 2.97 -0.64	57.91 3.83 -1.55	56.36 3.71 -0.46	61.02 4.52 0.00	62.52 4.52 0.00	59.55 3.53 0.00	58.41 2.83 0.00	50.53 2.27 0.00	43.61 2.16 0.00	39.00 2.00 0.00
PEEKSKILL___ 23653	31.52 1.64 0.00	27.96 1.61 0.00	25.66 1.48 0.00	25.62 1.50 0.00	25.85 1.56 0.00	26.76 1.54 0.00	34.51 1.77 0.00	36.14 2.40 0.00	41.03 2.43 0.00	42.14 2.61 0.00	43.12 2.29 0.00	43.90 1.97 -0.10	44.84 2.04 -0.29	47.32 2.36 -0.30	51.25 2.59 -0.71	57.38 3.15 -1.71	55.62 2.92 -0.51	60.35 3.84 0.00	61.71 3.72 0.00	58.82 2.80 0.00	57.80 2.23 0.00	50.00 1.73 0.00	43.20 1.74 0.00	38.67 1.67 0.00
PGE MADISON___WINDPWR 24146	31.64 1.76 0.00	27.96 1.61 0.00	25.69 1.50 0.00	25.55 1.42 0.00	25.89 1.60 0.00	27.22 1.99 0.00	35.33 2.59 0.00	36.98 3.24 0.00	41.88 3.28 0.00	42.65 3.12 0.00	43.98 3.14 0.00	44.88 3.05 0.00	45.61 3.10 0.00	47.91 3.26 0.00	51.45 3.50 0.00	56.20 3.68 0.00	56.52 4.33 0.00	61.93 5.42 0.00	64.67 6.67 0.00	62.13 6.11 0.00	61.25 5.67 0.00	53.13 4.87 0.00	44.98 3.52 0.00	39.63 2.63 0.00

PIERCEFIELD___HYD 23852	29.67 -0.21 0.00	26.09 -0.26 0.00	23.97 -0.22 0.00	23.91 -0.22 0.00	24.12 -0.17 0.00	25.10 -0.13 0.00	32.97 0.23 0.00	33.84 0.10 0.00	38.98 0.39 0.00	39.80 0.28 0.00	41.29 0.45 0.00	42.58 0.75 0.00	43.36 0.85 0.00	45.59 0.94 0.00	48.72 0.77 0.00	53.31 0.79 0.00	53.03 0.84 0.00	56.90 0.40 0.00	58.06 0.06 0.00	56.35 0.34 0.00	56.47 0.89 0.00	49.32 1.06 0.00	42.45 0.99 0.00	37.78 0.78 0.00
PINELAWN_CC_1 323563	41.62 2.18 -9.57	38.47 2.19 -9.93	33.05 2.01 -6.85	30.98 2.03 -4.83	32.60 2.11 -6.20	34.75 2.12 -7.41	37.62 2.42 -2.45	41.14 3.00 -4.40	41.66 3.05 -0.01	42.82 3.28 -0.01	43.58 2.74 -0.01	42.99 1.05 -0.11	43.45 0.64 -0.30	46.33 1.39 -0.29	50.34 1.68 -0.71	56.52 2.26 -1.74	58.33 2.03 -4.11	62.98 2.88 -3.60	64.31 2.78 -3.52	58.79 2.07 -0.69	57.02 1.44 0.00	49.66 1.40 0.00	44.10 1.45 -1.20	40.05 2.11 -0.94
PJM_GEN_HTTP_PROXY 323702	31.76 1.88 0.00	28.17 1.82 0.00	25.83 1.65 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.61 3.09 0.00	43.62 2.78 0.00	44.36 2.43 -0.10	45.27 2.46 -0.29	47.73 2.77 -0.30	51.70 3.02 -0.72	57.83 3.57 -1.73	55.89 3.18 -0.52	60.68 4.18 0.00	62.00 4.00 0.00	59.10 3.08 0.00	58.02 2.44 0.00	50.14 1.88 0.00	43.49 2.03 0.00	38.92 1.92 0.00
PJM_GEN_KEystone 24065	30.65 0.78 0.00	27.09 0.74 0.00	24.82 0.63 0.00	24.70 0.58 0.00	24.90 0.61 0.00	25.93 0.71 0.00	33.26 0.52 0.00	34.92 1.18 0.00	39.52 0.92 0.00	40.52 0.99 0.00	41.70 0.86 0.00	42.72 0.84 -0.06	43.47 0.85 -0.11	45.49 0.80 -0.03	48.83 0.86 -0.01	53.41 0.68 -0.21	52.65 0.78 0.32	57.62 1.47 0.35	59.19 1.74 0.55	56.43 1.06 0.65	55.29 0.44 0.73	48.40 0.38 0.25	41.79 0.33 0.00	37.37 0.37 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.71 1.76 -8.07	36.53 1.79 -8.38	31.64 1.67 -5.78	29.88 1.69 -4.07	31.29 1.77 -5.23	33.21 1.74 -6.25	36.78 1.96 -2.07	40.01 2.56 -3.71	41.19 2.59 -0.01	42.30 2.77 -0.01	43.13 2.29 -0.01	42.82 0.88 -0.11	43.66 0.85 -0.30	46.55 1.61 -0.29	50.49 1.82 -0.71	56.79 2.52 -1.74	55.30 2.19 -0.92	60.01 3.11 -0.41	61.30 2.90 -0.40	58.35 2.24 -0.08	57.24 1.67 0.00	49.61 1.35 0.00	43.14 1.57 -0.11	38.72 1.63 -0.10
PJM_GEN_VFT_PROXY 323633	31.61 1.73 0.00	28.04 1.69 0.00	25.71 1.52 0.00	25.67 1.55 0.00	25.92 1.63 0.00	26.84 1.62 0.00	34.67 1.93 0.00	36.37 2.63 0.00	41.30 2.70 0.00	42.45 2.92 0.00	43.45 2.62 0.00	44.15 2.22 -0.10	44.20 2.17 0.48	45.51 2.45 1.60	45.79 2.68 4.85	46.73 3.15 8.95	46.85 2.82 8.16	55.34 3.79 4.95	53.71 3.60 7.89	49.36 2.69 9.35	47.17 2.00 10.41	46.29 1.54 3.52	43.28 1.82 0.00	38.74 1.74 0.00
PLATSBURG_115KV_PMLD1 355749	29.58 -0.30 0.00	25.96 -0.40 0.00	23.87 -0.31 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.97 -0.25 0.00	32.81 0.07 0.00	33.71 -0.03 0.00	38.87 0.27 0.00	39.84 0.32 0.00	41.41 0.57 0.00	42.62 0.79 0.00	43.45 0.94 0.00	45.68 1.03 0.00	48.96 1.01 0.00	53.73 1.21 0.00	53.44 1.25 0.00	57.41 0.90 0.00	58.93 0.93 0.00	57.14 1.12 0.00	57.14 1.56 0.00	49.61 1.35 0.00	42.62 1.16 0.00	37.89 0.89 0.00
PLEASANTVLY___LBMP 24000	31.31 1.43 0.00	27.83 1.48 0.00	25.54 1.35 0.00	25.50 1.37 0.00	25.72 1.43 0.00	26.61 1.39 0.00	34.25 1.51 0.00	35.80 2.06 0.00	40.64 2.05 0.00	41.70 2.17 0.00	42.88 2.04 0.00	43.91 1.97 -0.11	44.70 1.87 -0.32	46.77 1.79 -0.33	50.66 1.92 -0.79	56.84 2.42 -1.90	55.00 2.24 -0.57	59.50 2.99 0.00	60.90 2.90 0.00	58.26 2.24 0.00	57.19 1.61 0.00	49.56 1.30 0.00	42.82 1.37 0.00	38.37 1.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.58 1.70 0.00	28.04 1.69 0.00	25.71 1.52 0.00	25.67 1.54 0.00	25.92 1.63 0.00	26.84 1.61 0.00	34.58 1.83 0.00	36.20 2.46 0.00	41.15 2.55 0.00	42.22 2.69 0.00	43.41 2.57 0.00	44.44 2.51 -0.11	45.27 2.47 -0.29	47.37 2.41 -0.31	51.27 2.59 -0.73	57.47 3.20 -1.74	55.74 3.03 -0.52	60.34 3.84 0.00	61.71 3.71 0.00	58.99 2.97 0.00	57.80 2.22 0.00	50.00 1.74 0.00	43.28 1.82 0.00	38.78 1.78 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.58 1.70 0.00	28.04 1.69 0.00	25.71 1.52 0.00	25.67 1.54 0.00	25.92 1.63 0.00	26.84 1.61 0.00	34.58 1.83 0.00	36.20 2.46 0.00	41.15 2.55 0.00	42.22 2.69 0.00	43.41 2.57 0.00	44.44 2.51 -0.11	45.27 2.47 -0.29	47.37 2.41 -0.31	51.27 2.59 -0.73	57.47 3.20 -1.74	55.74 3.03 -0.52	60.34 3.84 0.00	61.71 3.71 0.00	58.99 2.97 0.00	57.80 2.22 0.00	50.00 1.74 0.00	43.28 1.82 0.00	38.78 1.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.43 1.55 0.00	27.91 1.56 0.00	25.64 1.45 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.41 1.67 0.00	36.00 2.26 0.00	40.88 2.28 0.00	41.90 2.37 0.00	43.04 2.21 0.00	44.00 2.18 0.00	44.64 2.13 0.00	46.75 2.10 0.00	50.21 2.25 0.00	55.36 2.84 0.00	54.85 2.66 0.00	60.01 3.50 0.00	61.48 3.48 0.00	58.82 2.80 0.00	57.80 2.22 0.00	50.00 1.74 0.00	43.16 1.70 0.00	38.59 1.59 0.00
POLETTI_____ 23519	31.70 1.82 0.00	28.15 1.79 0.00	25.81 1.62 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.94 1.72 0.00	34.74 2.00 0.00	36.44 2.70 0.00	41.38 2.78 0.00	42.49 2.96 0.00	43.74 2.90 0.00	44.74 2.80 -0.10	45.48 2.68 -0.29	47.59 2.63 -0.30	51.46 2.78 -0.72	57.57 3.31 -1.73	55.73 3.03 -0.52	60.40 3.90 0.00	61.65 3.65 0.00	58.93 2.91 0.00	57.75 2.17 0.00	49.95 1.69 0.00	43.41 1.95 0.00	38.89 1.89 0.00
POMONA___ESR 323819	31.49 1.61 0.00	27.96 1.61 0.00	25.64 1.45 0.00	25.59 1.47 0.00	25.82 1.53 0.00	26.74 1.51 0.00	34.51 1.77 0.00	36.17 2.43 0.00	41.07 2.47 0.00	42.14 2.61 0.00	43.16 2.33 0.00	43.94 2.01 -0.10	44.87 2.08 -0.28	47.35 2.41 -0.29	51.27 2.64 -0.68	57.37 3.20 -1.64	55.60 2.92 -0.49	60.35 3.84 0.00	61.77 3.77 0.00	58.87 2.86 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.20 1.74 0.00	38.67 1.67 0.00
PORT_JEFF_3 23555	40.76 2.21 -8.68	37.65 2.29 -9.00	32.50 2.10 -6.21	30.62 2.12 -4.38	32.17 2.26 -5.62	34.16 2.22 -6.72	37.42 2.46 -2.22	40.70 2.97 -3.99	41.66 3.05 -0.01	42.82 3.28 -0.01	43.58 2.74 -0.01	42.78 0.84 -0.11	43.66 0.85 -0.30	46.64 1.70 -0.29	50.73 2.06 -0.71	57.00 2.73 -1.74	56.96 2.61 -2.17	61.72 3.56 -1.65	63.10 3.48 -1.62	58.97 2.63 -0.32	57.47 1.89 0.00	50.05 1.79 0.00	43.67 1.66 -0.55	39.66 2.22 -0.44
PORT_JEFF_4 23616	40.76 2.21 -8.68	37.65 2.29 -9.00	32.50 2.10 -6.21	30.62 2.12 -4.38	32.17 2.26 -5.62	34.16 2.22 -6.72	37.42 2.46 -2.22	40.70 2.97 -3.99	41.66 3.05 -0.01	42.82 3.28 -0.01	43.58 2.74 -0.01	42.78 0.84 -0.11	43.66 0.85 -0.30	46.64 1.70 -0.29	50.73 2.06 -0.71	57.00 2.73 -1.74	56.96 2.61 -2.17	61.72 3.56 -1.65	63.10 3.48 -1.62	58.97 2.63 -0.32	57.47 1.89 0.00	50.05 1.79 0.00	43.67 1.66 -0.55	39.66 2.22 -0.44

PORT_JEFF_IC 23713	40.82 2.24 -8.71	37.71 2.32 -9.03	32.55 2.13 -6.24	30.66 2.15 -4.39	32.21 2.28 -5.64	34.24 2.27 -6.74	37.43 2.46 -2.23	40.74 3.00 -4.00	41.70 3.09 -0.01	42.86 3.32 -0.01	43.95 3.10 -0.01	44.95 3.01 -0.11	45.58 2.76 -0.30	46.68 1.74 -0.29	50.68 2.01 -0.71	56.79 2.52 -1.74	56.87 2.45 -2.22	61.49 3.28 -1.71	62.86 3.19 -1.67	58.82 2.46 -0.33	57.25 1.67 0.00	50.05 1.79 0.00	43.68 1.66 -0.57	39.68 2.22 -0.46
PPL PILGRIM_ST_GT1 24216	41.09 2.39 -8.82	37.88 2.37 -9.15	32.71 2.20 -6.32	30.79 2.22 -4.45	32.34 2.33 -5.72	34.37 2.32 -6.83	37.66 2.65 -2.26	41.03 3.24 -4.05	42.00 3.40 -0.01	43.13 3.60 -0.01	43.87 3.02 -0.01	43.03 1.09 -0.11	43.88 1.06 -0.30	46.90 1.96 -0.29	50.97 2.30 -0.71	57.36 3.10 -1.74	57.63 2.97 -2.47	62.19 3.73 -1.96	63.57 3.66 -1.92	59.25 2.86 -0.38	57.74 2.17 0.00	50.34 2.07 0.00	44.02 1.91 -0.66	39.93 2.40 -0.52
PPL PILGRIM_ST_GT2 24217	41.09 2.39 -8.82	37.88 2.37 -9.15	32.71 2.20 -6.32	30.79 2.22 -4.45	32.34 2.33 -5.72	34.37 2.32 -6.83	37.66 2.65 -2.26	41.03 3.24 -4.05	42.00 3.40 -0.01	43.13 3.60 -0.01	43.87 3.02 -0.01	43.03 1.09 -0.11	43.88 1.06 -0.30	46.90 1.96 -0.29	50.97 2.30 -0.71	57.36 3.10 -1.74	57.63 2.97 -2.47	62.19 3.73 -1.96	63.57 3.66 -1.92	59.25 2.86 -0.38	57.74 2.17 0.00	50.34 2.07 0.00	44.02 1.91 -0.66	39.93 2.40 -0.52
PPL_SHRM_GT3 24213	40.50 1.94 -8.69	37.56 2.19 -9.02	32.42 2.01 -6.22	30.53 2.03 -4.38	32.13 2.21 -5.63	34.09 2.14 -6.73	37.07 2.10 -2.23	40.33 2.60 -3.99	41.27 2.66 -0.01	42.42 2.88 -0.01	43.17 2.33 -0.01	42.32 0.38 -0.11	43.19 0.38 -0.30	46.19 1.25 -0.29	50.30 1.63 -0.71	56.68 2.42 -1.74	56.73 2.35 -2.19	61.52 3.33 -1.68	62.89 3.25 -1.64	58.75 2.41 -0.33	57.19 1.61 0.00	49.66 1.40 0.00	43.26 1.24 -0.56	39.33 1.89 -0.45
PPL_SHRM_GT4 24214	40.50 1.94 -8.69	37.56 2.19 -9.02	32.42 2.01 -6.22	30.53 2.03 -4.38	32.13 2.21 -5.63	34.09 2.14 -6.73	37.07 2.10 -2.23	40.33 2.60 -3.99	41.27 2.66 -0.01	42.42 2.88 -0.01	43.17 2.33 -0.01	42.32 0.38 -0.11	43.19 0.38 -0.30	46.19 1.25 -0.29	50.30 1.63 -0.71	56.68 2.42 -1.74	56.73 2.35 -2.19	61.52 3.33 -1.68	62.89 3.25 -1.64	58.75 2.41 -0.33	57.19 1.61 0.00	49.66 1.40 0.00	43.26 1.24 -0.56	39.33 1.89 -0.45
PROJECT___ORANGE 1 24174	29.93 0.06 0.00	26.41 0.05 0.00	24.21 0.02 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.25 0.03 0.00	32.64 0.03 0.00	33.77 0.03 0.00	38.52 -0.08 0.00	39.49 -0.04 0.00	40.72 -0.12 0.00	41.58 -0.25 0.00	42.30 -0.21 0.00	44.52 -0.13 0.00	47.90 -0.05 0.00	52.21 -0.32 0.00	51.93 -0.26 0.00	56.62 0.11 0.00	58.41 0.41 0.00	56.24 0.22 0.00	55.47 -0.11 0.00	48.17 -0.10 0.00	41.21 -0.25 0.00	36.74 -0.26 0.00
PROJECT___ORANGE 2 24166	29.93 0.06 0.00	26.41 0.05 0.00	24.21 0.02 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.25 0.03 0.00	32.64 0.03 0.00	33.77 0.03 0.00	38.52 -0.08 0.00	39.49 -0.04 0.00	40.72 -0.12 0.00	41.58 -0.25 0.00	42.30 -0.21 0.00	44.52 -0.13 0.00	47.90 -0.05 0.00	52.21 -0.32 0.00	51.93 -0.26 0.00	56.62 0.11 0.00	58.41 0.41 0.00	56.24 0.22 0.00	55.47 -0.11 0.00	48.17 -0.10 0.00	41.21 -0.25 0.00	36.74 -0.26 0.00
PUCKETT___SOLAR 323809	30.71 0.84 0.00	27.15 0.79 0.00	24.86 0.68 0.00	24.77 0.65 0.00	24.97 0.68 0.00	26.06 0.83 0.00	33.63 0.88 0.00	35.09 1.35 0.00	39.80 1.20 0.00	40.71 1.18 0.00	41.94 1.10 0.00	42.87 1.05 0.00	43.58 1.06 0.00	45.72 1.07 0.00	49.10 1.15 0.00	53.57 1.05 0.00	53.50 1.31 0.00	58.48 1.98 0.00	60.61 2.61 0.00	58.26 2.24 0.00	57.41 1.83 0.00	49.85 1.59 0.00	42.53 1.08 0.00	37.81 0.81 0.00
PYRITES___HYD 24023	30.05 0.18 0.00	26.41 0.05 0.00	24.26 0.07 0.00	24.17 0.05 0.00	24.41 0.12 0.00	25.45 0.23 0.00	33.50 0.75 0.00	34.28 0.54 0.00	39.49 0.89 0.00	40.24 0.71 0.00	41.74 0.90 0.00	43.00 1.17 0.00	43.75 1.23 0.00	46.04 1.38 0.00	49.20 1.25 0.00	53.84 1.31 0.00	53.65 1.46 0.00	57.58 1.07 0.00	59.10 1.10 0.00	57.48 1.46 0.00	57.64 2.06 0.00	50.29 2.03 0.00	43.24 1.78 0.00	38.37 1.37 0.00
QUAKERRD_115KV_BK1 80622	29.67 -0.21 0.00	26.04 -0.32 0.00	23.80 -0.39 0.00	23.64 -0.48 0.00	23.80 -0.49 0.00	24.77 -0.45 0.00	31.89 -0.85 0.00	33.20 -0.54 0.00	37.67 -0.93 0.00	38.74 -0.79 0.00	39.82 -1.02 0.00	40.66 -1.17 0.00	41.45 -1.06 0.00	43.80 -0.85 0.00	47.14 -0.82 0.00	50.79 -1.73 0.00	50.68 -1.51 0.00	55.60 -0.90 0.00	57.65 -0.35 0.00	55.68 -0.34 0.00	54.63 -0.94 0.00	47.44 -0.82 0.00	40.46 -0.99 0.00	36.22 -0.78 0.00
QUENSBRY_115KV_TB8 356137	31.16 1.28 0.00	27.75 1.40 0.00	25.37 1.19 0.00	25.30 1.18 0.00	25.43 1.14 0.00	26.31 1.08 0.00	33.79 1.05 0.00	34.99 1.25 0.00	39.87 1.27 0.00	40.44 0.91 0.00	41.65 0.82 0.00	42.55 0.79 0.08	43.03 0.72 0.21	45.06 0.63 0.22	48.15 0.72 0.52	52.38 1.10 1.25	53.12 1.30 0.37	58.54 2.03 0.00	60.38 2.38 0.00	58.15 2.13 0.00	57.47 1.89 0.00	50.05 1.79 0.00	42.62 1.16 0.00	38.44 1.44 0.00
RAMAPO___LBMP 323565	31.40 1.52 0.00	27.89 1.53 0.00	25.57 1.38 0.00	25.52 1.40 0.00	25.75 1.46 0.00	26.69 1.46 0.00	34.38 1.64 0.00	36.00 2.26 0.00	40.88 2.28 0.00	41.94 2.41 0.00	43.12 2.29 0.00	44.14 2.22 -0.10	44.91 2.13 -0.27	47.04 2.10 -0.29	50.88 2.25 -0.68	56.93 2.78 -1.62	55.28 2.61 -0.48	59.89 3.39 0.00	61.31 3.31 0.00	58.54 2.52 0.00	57.41 1.83 0.00	49.76 1.50 0.00	43.03 1.58 0.00	38.52 1.52 0.00
RANKINE____ 23646	30.50 0.63 0.00	26.70 0.34 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.34 0.05 0.00	25.40 0.18 0.00	32.42 -0.33 0.00	34.15 0.40 0.00	38.56 -0.04 0.00	39.57 0.04 0.00	40.47 -0.37 0.00	41.12 -0.71 0.00	42.05 -0.47 0.00	44.56 -0.09 0.00	48.00 0.05 0.00	51.32 -1.21 0.00	51.25 -0.94 0.00	56.45 -0.06 0.00	58.81 0.81 0.00	56.52 0.50 0.00	54.97 -0.61 0.00	47.83 -0.43 0.00	40.71 -0.75 0.00	36.67 -0.33 0.00
RAVENSWOOD_GT2_1 24244	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.62 3.36 -1.73	55.79 3.08 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00
RAVENSWOOD_GT2_2 24245	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.62 3.36 -1.73	55.79 3.08 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00

RAVENSWOOD_GT2_3 24246	31.76 1.88 0.00	28.20 1.84 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.99 1.77 0.00	34.81 2.06 0.00	36.51 2.77 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	39.00 2.00 0.00
RAVENSWOOD_GT2_4 24247	31.76 1.88 0.00	28.20 1.84 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.99 1.77 0.00	34.81 2.06 0.00	36.51 2.77 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.82 2.98 0.00	44.82 2.89 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.55 2.88 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	39.00 2.00 0.00
RAVENSWOOD_GT3_1 24248	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.82 2.89 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.79 3.08 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00
RAVENSWOOD_GT3_2 24249	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.82 2.89 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.79 3.08 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00
RAVENSWOOD_GT3_3 24250	31.79 1.91 0.00	28.23 1.87 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.61 3.08 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.89 3.18 -0.52	60.57 4.07 0.00	61.89 3.89 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.53 2.07 0.00	39.04 2.04 0.00
RAVENSWOOD_GT3_4 24251	31.79 1.91 0.00	28.23 1.87 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.61 3.08 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.61 2.81 -0.29	47.73 2.77 -0.30	51.60 2.93 -0.72	57.72 3.47 -1.73	55.89 3.18 -0.52	60.57 4.07 0.00	61.89 3.89 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.53 2.07 0.00	39.04 2.04 0.00
RAVENSWOOD_GT_1 23729	31.91 2.03 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.16 1.87 0.00	27.07 1.84 0.00	34.87 2.13 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.69 3.16 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.67 3.41 -1.73	55.79 3.08 -0.52	60.40 3.90 0.00	61.71 3.71 0.00	58.93 2.91 0.00	57.69 2.11 0.00	50.00 1.74 0.00	43.61 2.16 0.00	39.15 2.15 0.00
RAVENSWOOD_GT_10 24258	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00
RAVENSWOOD_GT_11 24259	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00
RAVENSWOOD_GT_4 24252	31.73 1.85 0.00	28.15 1.79 0.00	25.83 1.64 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.42 2.82 0.00	42.53 3.00 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.45 1.99 0.00	38.93 1.92 0.00
RAVENSWOOD_GT_5 24254	31.73 1.85 0.00	28.15 1.79 0.00	25.83 1.64 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.42 2.82 0.00	42.53 3.00 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.45 1.99 0.00	38.93 1.92 0.00
RAVENSWOOD_GT_6 24253	31.73 1.85 0.00	28.15 1.79 0.00	25.83 1.64 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.42 2.82 0.00	42.53 3.00 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.45 1.99 0.00	38.93 1.92 0.00
RAVENSWOOD_GT_7 24255	31.73 1.85 0.00	28.15 1.79 0.00	25.83 1.64 0.00	25.76 1.64 0.00	26.01 1.72 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.42 2.82 0.00	42.53 3.00 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.51 4.01 0.00	61.83 3.83 0.00	59.04 3.03 0.00	57.91 2.33 0.00	50.10 1.83 0.00	43.45 1.99 0.00	38.93 1.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00
RAVENSWOOD_GT_9 24257	31.76 1.88 0.00	28.18 1.82 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.78 2.94 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.64 2.68 -0.30	51.50 2.83 -0.72	57.67 3.41 -1.73	55.84 3.13 -0.52	60.46 3.96 0.00	61.77 3.77 0.00	59.04 3.03 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.49 2.03 0.00	38.96 1.96 0.00

RAVENSWOOD___1 23533	31.88 2.00 0.00	28.31 1.95 0.00	25.93 1.74 0.00	25.88 1.76 0.00	26.13 1.85 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.58 2.83 0.00	41.53 2.93 0.00	42.69 3.16 0.00	43.70 2.86 0.00	44.44 2.51 -0.10	45.35 2.55 -0.29	47.82 2.86 -0.30	51.79 3.12 -0.72	57.83 3.57 -1.73	55.78 3.08 -0.52	60.62 4.12 0.00	61.94 3.95 0.00	58.99 2.97 0.00	57.86 2.28 0.00	50.10 1.83 0.00	43.61 2.15 0.00	39.11 2.11 0.00
RAVENSWOOD___2 23534	31.88 2.00 0.00	28.28 1.92 0.00	25.91 1.72 0.00	25.86 1.74 0.00	26.13 1.85 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.58 2.83 0.00	41.53 2.93 0.00	42.69 3.16 0.00	43.70 2.86 0.00	44.44 2.51 -0.10	45.31 2.51 -0.29	47.82 2.86 -0.30	51.75 3.07 -0.72	57.78 3.52 -1.73	55.78 3.08 -0.52	60.57 4.07 0.00	61.89 3.89 0.00	58.99 2.97 0.00	57.86 2.28 0.00	50.10 1.83 0.00	43.61 2.15 0.00	39.11 2.11 0.00
RAVENSWOOD___3 23535	31.76 1.88 0.00	28.17 1.82 0.00	25.83 1.65 0.00	25.79 1.66 0.00	26.04 1.75 0.00	26.94 1.72 0.00	34.81 2.06 0.00	36.47 2.73 0.00	41.45 2.86 0.00	42.57 3.04 0.00	43.57 2.74 0.00	44.36 2.43 -0.10	45.23 2.42 -0.29	47.73 2.77 -0.30	51.70 3.02 -0.72	57.78 3.52 -1.73	55.89 3.18 -0.52	60.68 4.18 0.00	62.00 4.00 0.00	59.10 3.08 0.00	58.02 2.44 0.00	50.14 1.88 0.00	43.53 2.07 0.00	38.96 1.96 0.00
RAVENSWOOD___4 23820	31.88 2.00 0.00	28.28 1.92 0.00	25.91 1.72 0.00	25.86 1.74 0.00	26.11 1.82 0.00	27.02 1.79 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.90 0.00	42.69 3.16 0.00	43.65 2.82 0.00	44.44 2.51 -0.10	45.31 2.51 -0.29	47.77 2.81 -0.30	51.75 3.07 -0.72	57.78 3.52 -1.73	55.78 3.08 -0.51	60.57 4.07 0.00	61.88 3.89 0.00	58.93 2.91 0.00	57.80 2.23 0.00	50.10 1.83 0.00	43.61 2.15 0.00	39.07 2.07 0.00
RCPL_TRUST___DRP 24196	31.79 1.91 0.00	28.20 1.84 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.65 3.12 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.83 3.57 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.53 2.07 0.00	39.00 2.00 0.00
RED___ROCHESTER 323720	30.65 0.78 0.00	26.88 0.53 0.00	24.55 0.36 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.63 0.40 0.00	32.81 0.07 0.00	34.25 0.51 0.00	38.83 0.23 0.00	39.92 0.40 0.00	41.49 0.65 0.00	42.87 1.05 0.00	43.66 1.15 0.00	45.50 0.85 0.00	48.82 0.86 0.00	52.52 0.00 0.00	52.61 0.42 0.00	57.57 1.07 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.69 1.11 0.00	49.23 0.96 0.00	41.91 0.46 0.00	37.48 0.48 0.00
REGAN___SOLAR 323812	32.41 2.54 0.00	28.73 2.37 0.00	26.27 2.08 0.00	26.22 2.10 0.00	26.38 2.09 0.00	27.54 2.32 0.00	35.46 2.72 0.00	36.68 2.93 0.00	41.80 3.20 0.00	42.41 2.88 0.00	43.57 2.74 0.00	44.37 2.59 0.05	44.97 2.59 0.14	47.18 2.68 0.15	50.43 2.83 0.35	55.05 3.36 0.84	55.65 3.71 0.25	61.19 4.69 0.00	63.39 5.39 0.00	61.17 5.15 0.00	60.58 5.00 0.00	52.70 4.44 0.00	44.94 3.48 0.00	40.00 3.00 0.00
RENSSELAER___COGEN 23796	30.50 0.63 0.00	27.09 0.74 0.00	24.89 0.70 0.00	24.82 0.70 0.00	24.99 0.70 0.00	25.88 0.65 0.00	33.30 0.56 0.00	34.55 0.81 0.00	39.18 0.58 0.00	40.08 0.55 0.00	41.13 0.29 0.00	41.84 0.08 0.07	42.41 0.09 0.19	44.68 0.22 0.20	47.77 0.29 0.47	51.93 0.53 1.12	52.27 0.42 0.33	57.40 0.90 0.00	58.92 0.93 0.00	56.58 0.56 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.71 0.25 0.00	37.26 0.26 0.00
REPUBLIC_115KV_BARTNBK 55605	32.29 2.42 0.00	28.75 2.40 0.00	26.17 1.98 0.00	26.10 1.98 0.00	26.18 1.89 0.00	27.32 2.09 0.00	34.97 2.23 0.00	36.14 2.40 0.00	41.30 2.70 0.00	41.58 2.06 0.00	42.84 2.00 0.00	43.84 2.09 0.08	44.34 2.04 0.21	46.40 1.96 0.22	49.69 2.25 0.52	54.01 2.73 1.25	55.11 3.29 0.37	60.97 4.46 0.00	63.34 5.34 0.00	61.12 5.10 0.00	60.41 4.84 0.00	52.75 4.49 0.00	44.48 3.03 0.00	39.96 2.96 0.00
REVERE_CPPR_DRP 24186	30.80 0.93 0.00	27.20 0.84 0.00	24.94 0.75 0.00	24.82 0.70 0.00	25.09 0.80 0.00	26.18 0.96 0.00	33.99 1.24 0.00	35.23 1.48 0.00	40.14 1.54 0.00	40.99 1.46 0.00	42.23 1.39 0.00	43.12 1.30 0.00	43.83 1.32 0.00	46.17 1.52 0.00	49.68 1.73 0.00	54.36 1.84 0.00	54.38 2.19 0.00	59.21 2.71 0.00	61.31 3.31 0.00	59.04 3.03 0.00	58.41 2.83 0.00	50.67 2.41 0.00	43.24 1.78 0.00	38.33 1.33 0.00
REYNLDPA_13_KV_LD 356490	29.70 -0.18 0.00	26.07 -0.29 0.00	23.97 -0.22 0.00	23.91 -0.22 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.81 0.07 0.00	33.61 -0.13 0.00	38.75 0.15 0.00	39.65 0.12 0.00	41.16 0.33 0.00	42.33 0.50 0.00	43.11 0.60 0.00	45.28 0.63 0.00	48.53 0.58 0.00	53.21 0.68 0.00	52.87 0.68 0.00	56.67 0.17 0.00	58.06 0.06 0.00	56.30 0.28 0.00	56.30 0.72 0.00	48.94 0.68 0.00	42.12 0.66 0.00	37.52 0.52 0.00
REYNOLDS_115KV_TB3 80639	30.71 0.84 0.00	27.31 0.95 0.00	25.08 0.89 0.00	25.01 0.89 0.00	25.19 0.90 0.00	26.11 0.88 0.00	33.50 0.75 0.00	34.79 1.05 0.00	39.45 0.85 0.00	40.36 0.83 0.00	41.49 0.65 0.00	42.33 0.59 0.08	42.83 0.55 0.23	44.86 0.45 0.24	47.86 0.48 0.57	51.94 0.79 1.38	52.46 0.68 0.41	57.69 1.19 0.00	59.16 1.16 0.00	56.92 0.90 0.00	56.08 0.50 0.00	48.74 0.48 0.00	41.95 0.50 0.00	37.52 0.52 0.00
RIVERBAY____ 323610	32.33 2.45 -0.01	28.68 2.32 -0.01	26.27 2.08 0.00	26.22 2.10 0.00	26.51 2.21 -0.01	27.34 2.12 0.00	35.17 2.42 0.00	36.81 3.07 0.00	41.69 3.09 0.00	42.81 3.28 0.00	44.02 3.19 0.00	45.03 3.10 -0.10	45.78 2.98 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.83 3.57 -1.73	55.99 3.29 -0.51	60.63 4.12 0.00	62.05 4.06 0.01	59.32 3.31 0.01	58.07 2.50 0.01	50.39 2.12 0.00	44.16 2.69 -0.01	39.64 2.63 -0.01
RIVERSDE_115KV_TB3 55908	30.65 0.78 0.00	27.23 0.87 0.00	25.01 0.82 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.03 0.81 0.00	33.43 0.69 0.00	34.72 0.98 0.00	39.37 0.77 0.00	40.24 0.71 0.00	41.41 0.57 0.00	42.25 0.50 0.08	42.77 0.47 0.21	44.79 0.36 0.22	47.86 0.43 0.52	51.95 0.68 1.26	52.39 0.57 0.37	57.58 1.07 0.00	59.10 1.10 0.00	56.80 0.78 0.00	56.02 0.44 0.00	48.65 0.39 0.00	41.87 0.41 0.00	37.44 0.44 0.00
ROARING___BROOK_WT_PWR 323790	29.34 -0.54 0.00	25.91 -0.45 0.00	23.80 -0.39 0.00	23.76 -0.36 0.00	23.97 -0.32 0.00	24.92 -0.30 0.00	32.45 -0.30 0.00	33.47 -0.27 0.00	38.41 -0.19 0.00	39.33 -0.20 0.00	40.68 -0.16 0.00	41.70 -0.13 0.00	42.39 -0.13 0.00	44.52 -0.13 0.00	47.76 -0.19 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.33 -0.17 0.00	57.83 -0.17 0.00	55.91 -0.11 0.00	55.47 -0.11 0.00	48.12 -0.14 0.00	41.29 -0.17 0.00	36.74 -0.26 0.00

ROCHESRG_115KV_T4 355643	30.29 0.42 0.00	26.57 0.21 0.00	24.26 0.07 0.00	24.10 -0.02 0.00	24.24 -0.05 0.00	25.25 0.03 0.00	32.45 -0.29 0.00	33.81 0.07 0.00	38.33 -0.27 0.00	39.37 -0.16 0.00	40.43 -0.41 0.00	41.28 -0.54 0.00	42.13 -0.38 0.00	44.47 -0.18 0.00	47.90 -0.05 0.00	51.53 -1.00 0.00	51.46 -0.73 0.00	56.45 -0.06 0.00	58.58 0.58 0.00	56.63 0.62 0.00	55.52 -0.06 0.00	48.17 -0.10 0.00	41.08 -0.37 0.00	36.89 -0.11 0.00
ROCHESTER_9_IC 23652	30.50 0.63 0.00	26.75 0.40 0.00	24.43 0.24 0.00	24.24 0.12 0.00	24.41 0.12 0.00	25.40 0.18 0.00	32.68 -0.07 0.00	34.08 0.34 0.00	38.64 0.04 0.00	39.72 0.20 0.00	40.80 -0.04 0.00	41.70 -0.13 0.00	42.56 0.04 0.00	44.97 0.31 0.00	48.43 0.48 0.00	52.05 -0.47 0.00	51.98 -0.21 0.00	57.07 0.57 0.00	59.28 1.28 0.00	57.31 1.29 0.00	56.13 0.56 0.00	48.74 0.48 0.00	41.54 0.08 0.00	37.22 0.22 0.00
ROCKVIEW_13_KV_LD 356306	31.73 1.85 0.00	28.15 1.79 0.00	25.83 1.64 0.00	25.79 1.66 0.00	26.01 1.72 0.00	26.97 1.74 0.00	34.77 2.03 0.00	36.44 2.70 0.00	41.38 2.78 0.00	42.49 2.96 0.00	43.70 2.86 0.00	44.78 2.84 -0.10	45.53 2.72 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.83 3.57 -1.73	56.10 3.39 -0.52	60.74 4.24 0.00	62.12 4.12 0.00	59.32 3.31 0.00	58.14 2.56 0.00	50.24 1.98 0.00	43.49 2.03 0.00	38.96 1.96 0.00
ROME____115KV_TB2 80656	30.80 0.93 0.00	27.20 0.84 0.00	24.94 0.75 0.00	24.82 0.70 0.00	25.09 0.80 0.00	26.18 0.96 0.00	33.99 1.24 0.00	35.23 1.48 0.00	40.14 1.54 0.00	40.99 1.46 0.00	42.23 1.39 0.00	43.12 1.30 0.00	43.83 1.32 0.00	46.17 1.52 0.00	49.68 1.73 0.00	54.36 1.84 0.00	54.38 2.19 0.00	59.21 2.71 0.00	61.31 3.31 0.00	59.04 3.03 0.00	58.41 2.83 0.00	50.67 2.41 0.00	43.24 1.78 0.00	38.33 1.33 0.00
ROSETON___1 23587	31.31 1.43 0.00	27.81 1.45 0.00	25.52 1.33 0.00	25.47 1.35 0.00	25.67 1.38 0.00	26.56 1.34 0.00	34.25 1.51 0.00	35.80 2.06 0.00	40.64 2.04 0.00	41.70 2.17 0.00	42.72 1.88 0.00	43.51 1.59 -0.10	44.40 1.62 -0.27	46.81 1.88 -0.28	50.68 2.06 -0.67	56.71 2.57 -1.61	55.02 2.35 -0.48	59.66 3.16 0.00	61.07 3.07 0.00	58.32 2.30 0.00	57.36 1.78 0.00	49.66 1.40 0.00	42.87 1.41 0.00	38.37 1.37 0.00
ROSETON___2 23588	31.31 1.43 0.00	27.81 1.45 0.00	25.52 1.33 0.00	25.47 1.35 0.00	25.67 1.38 0.00	26.56 1.34 0.00	34.25 1.51 0.00	35.80 2.06 0.00	40.64 2.04 0.00	41.70 2.17 0.00	42.72 1.88 0.00	43.51 1.59 -0.10	44.40 1.62 -0.27	46.81 1.88 -0.28	50.68 2.06 -0.67	56.71 2.57 -1.61	55.02 2.35 -0.48	59.66 3.16 0.00	61.07 3.07 0.00	58.32 2.30 0.00	57.36 1.78 0.00	49.66 1.40 0.00	42.87 1.41 0.00	38.37 1.37 0.00
ROTTRDAM_115KV_TB3 80664	30.83 0.96 0.00	27.33 0.98 0.00	25.08 0.89 0.00	25.04 0.92 0.00	25.19 0.90 0.00	26.13 0.91 0.00	33.66 0.92 0.00	34.89 1.15 0.00	39.72 1.12 0.00	40.59 1.07 0.00	41.78 0.94 0.00	42.69 0.92 0.06	43.20 0.85 0.16	45.29 0.80 0.17	48.41 0.86 0.40	52.72 1.16 0.96	53.05 1.15 0.29	58.14 1.64 0.00	59.74 1.74 0.00	57.53 1.51 0.00	56.80 1.22 0.00	49.37 1.11 0.00	42.41 0.95 0.00	37.89 0.89 0.00
RUSSELL___1 23602	30.65 0.78 0.00	26.88 0.53 0.00	24.55 0.36 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.50 0.28 0.00	32.81 0.07 0.00	34.25 0.51 0.00	38.83 0.23 0.00	39.96 0.43 0.00	41.08 0.25 0.00	41.95 0.13 0.00	42.85 0.34 0.00	45.28 0.63 0.00	48.77 0.82 0.00	52.37 -0.16 0.00	52.35 0.16 0.00	57.52 1.02 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.63 1.06 0.00	49.13 0.87 0.00	41.83 0.37 0.00	37.48 0.48 0.00
RUSSELL___2 23532	30.65 0.78 0.00	26.88 0.53 0.00	24.55 0.36 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.50 0.28 0.00	32.81 0.07 0.00	34.25 0.51 0.00	38.83 0.23 0.00	39.96 0.43 0.00	41.08 0.25 0.00	41.95 0.13 0.00	42.85 0.34 0.00	45.28 0.63 0.00	48.77 0.82 0.00	52.37 -0.16 0.00	52.35 0.16 0.00	57.52 1.02 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.63 1.06 0.00	49.13 0.87 0.00	41.83 0.37 0.00	37.48 0.48 0.00
RUSSELL___3 23549	30.65 0.78 0.00	26.88 0.53 0.00	24.55 0.36 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.50 0.28 0.00	32.81 0.07 0.00	34.25 0.51 0.00	38.83 0.23 0.00	39.96 0.43 0.00	41.08 0.25 0.00	41.95 0.13 0.00	42.85 0.34 0.00	45.28 0.63 0.00	48.77 0.82 0.00	52.37 -0.16 0.00	52.35 0.16 0.00	57.52 1.02 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.63 1.06 0.00	49.13 0.87 0.00	41.83 0.37 0.00	37.48 0.48 0.00
RUSSELL___4 23556	30.65 0.78 0.00	26.88 0.53 0.00	24.55 0.36 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.50 0.28 0.00	32.81 0.07 0.00	34.25 0.51 0.00	38.83 0.23 0.00	39.96 0.43 0.00	41.08 0.25 0.00	41.95 0.13 0.00	42.85 0.34 0.00	45.28 0.63 0.00	48.77 0.82 0.00	52.37 -0.16 0.00	52.35 0.16 0.00	57.52 1.02 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.63 1.06 0.00	49.13 0.87 0.00	41.83 0.37 0.00	37.48 0.48 0.00
RUSSELL___STATION 23914	30.65 0.78 0.00	26.88 0.53 0.00	24.55 0.36 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.50 0.28 0.00	32.81 0.07 0.00	34.25 0.51 0.00	38.83 0.23 0.00	39.96 0.43 0.00	41.08 0.25 0.00	41.95 0.13 0.00	42.85 0.34 0.00	45.28 0.63 0.00	48.77 0.82 0.00	52.37 -0.16 0.00	52.35 0.16 0.00	57.52 1.02 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.63 1.06 0.00	49.13 0.87 0.00	41.83 0.37 0.00	37.48 0.48 0.00
S SALMON___HYD 24043	29.93 0.06 0.00	26.41 0.05 0.00	24.21 0.02 0.00	24.12 0.00 0.00	24.34 0.05 0.00	25.33 0.10 0.00	32.81 0.07 0.00	33.88 0.14 0.00	38.60 0.00 0.00	39.45 -0.08 0.00	40.80 -0.04 0.00	41.74 -0.08 0.00	42.43 -0.08 0.00	44.43 -0.22 0.00	47.76 -0.19 0.00	52.16 -0.37 0.00	52.09 -0.10 0.00	56.62 0.11 0.00	58.46 0.46 0.00	56.46 0.45 0.00	55.86 0.28 0.00	48.55 0.29 0.00	41.62 0.17 0.00	36.96 -0.04 0.00
S.PERRY__115KV_TB1 80734	31.31 1.43 0.00	27.46 1.11 0.00	25.11 0.92 0.00	24.92 0.80 0.00	25.07 0.78 0.00	26.18 0.96 0.00	33.69 0.95 0.00	35.09 1.35 0.00	39.41 0.81 0.00	39.01 -0.51 0.00	39.94 -0.90 0.00	40.74 -1.09 0.00	41.58 -0.94 0.00	43.98 -0.67 0.00	47.43 -0.53 0.00	51.05 -1.47 0.00	51.04 -1.15 0.00	56.50 0.00 0.00	59.33 1.33 0.00	57.76 1.74 0.00	56.80 1.22 0.00	49.28 1.01 0.00	41.75 0.29 0.00	38.41 1.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.32 0.45 0.00	26.57 0.21 0.00	24.24 0.05 0.00	24.03 -0.10 0.00	24.19 -0.10 0.00	25.20 -0.03 0.00	32.15 -0.59 0.00	33.74 0.00 0.00	38.10 -0.50 0.00	39.09 -0.43 0.00	39.94 -0.90 0.00	40.66 -1.17 0.00	41.58 -0.94 0.00	44.07 -0.58 0.00	47.47 -0.48 0.00	50.69 -1.84 0.00	50.62 -1.57 0.00	55.71 -0.79 0.00	58.12 0.12 0.00	55.91 -0.11 0.00	54.36 -1.22 0.00	47.30 -0.97 0.00	40.34 -1.12 0.00	36.41 -0.59 0.00

SAWYER___23_KV_LOAD 55526	30.32 0.45 0.00	26.57 0.21 0.00	24.24 0.05 0.00	24.03 -0.10 0.00	24.19 -0.10 0.00	25.20 -0.03 0.00	32.15 -0.59 0.00	33.74 0.00 0.00	38.10 -0.50 0.00	39.09 -0.43 0.00	39.94 -0.90 0.00	40.66 -1.17 0.00	41.58 -0.94 0.00	44.07 -0.58 0.00	47.47 -0.48 0.00	50.69 -1.84 0.00	50.62 -1.57 0.00	55.71 -0.79 0.00	58.12 0.12 0.00	55.91 -0.11 0.00	54.36 -1.22 0.00	47.30 -0.97 0.00	40.34 -1.12 0.00	36.41 -0.59 0.00
SELKIRK___I 23801	30.71 0.84 0.00	27.28 0.92 0.00	25.03 0.85 0.00	24.99 0.87 0.00	25.14 0.85 0.00	26.06 0.83 0.00	33.50 0.75 0.00	34.72 0.98 0.00	39.45 0.85 0.00	40.28 0.75 0.00	41.37 0.53 0.00	42.12 0.33 0.04	42.70 0.30 0.11	44.98 0.45 0.11	48.16 0.48 0.27	52.61 0.73 0.65	52.62 0.63 0.19	57.63 1.13 0.00	59.22 1.22 0.00	57.03 1.01 0.00	56.30 0.72 0.00	48.99 0.73 0.00	42.08 0.62 0.00	37.63 0.63 0.00
SELKIRK___II 23799	30.56 0.69 0.00	27.15 0.79 0.00	24.94 0.75 0.00	24.87 0.75 0.00	25.04 0.75 0.00	25.93 0.71 0.00	33.40 0.65 0.00	34.65 0.91 0.00	39.33 0.73 0.00	40.24 0.71 0.00	41.33 0.49 0.00	42.08 0.29 0.05	42.68 0.30 0.13	44.96 0.45 0.14	48.15 0.53 0.33	52.47 0.73 0.79	52.58 0.63 0.24	57.63 1.13 0.00	59.16 1.16 0.00	56.80 0.78 0.00	56.08 0.50 0.00	48.70 0.43 0.00	41.87 0.41 0.00	37.45 0.45 0.00
SENECA OSWGO___HYD 24041	29.49 -0.39 0.00	26.04 -0.32 0.00	23.87 -0.32 0.00	23.78 -0.34 0.00	23.93 -0.36 0.00	24.92 -0.30 0.00	32.22 -0.53 0.00	33.24 -0.51 0.00	37.86 -0.73 0.00	38.82 -0.71 0.00	40.10 -0.73 0.00	41.03 -0.80 0.00	41.70 -0.81 0.00	43.76 -0.89 0.00	46.99 -0.96 0.00	51.32 -1.21 0.00	51.04 -1.15 0.00	55.60 -0.91 0.00	57.36 -0.64 0.00	55.23 -0.78 0.00	54.58 -1.00 0.00	47.39 -0.87 0.00	40.63 -0.83 0.00	36.19 -0.81 0.00
SENECA___115KV_TB3 355854	30.53 0.66 0.00	26.75 0.40 0.00	24.43 0.24 0.00	24.22 0.10 0.00	24.39 0.10 0.00	25.43 0.20 0.00	32.48 -0.26 0.00	34.18 0.44 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.55 -0.29 0.00	41.20 -0.63 0.00	42.13 -0.38 0.00	44.65 0.00 0.00	48.10 0.14 0.00	51.42 -1.10 0.00	51.35 -0.84 0.00	56.56 0.06 0.00	58.99 0.99 0.00	56.63 0.62 0.00	55.08 -0.50 0.00	47.88 -0.39 0.00	40.79 -0.66 0.00	36.74 -0.26 0.00
SENECA___ENERGY 23797	30.17 0.30 0.00	26.57 0.21 0.00	24.33 0.15 0.00	24.19 0.07 0.00	24.36 0.07 0.00	25.45 0.23 0.00	32.84 0.10 0.00	34.18 0.44 0.00	38.83 0.23 0.00	39.81 0.28 0.00	41.16 0.33 0.00	42.20 0.38 0.00	42.94 0.43 0.00	44.97 0.31 0.00	48.33 0.38 0.00	52.52 0.00 0.00	52.40 0.21 0.00	57.29 0.79 0.00	59.39 1.39 0.00	57.20 1.18 0.00	56.30 0.72 0.00	48.84 0.58 0.00	41.62 0.17 0.00	37.04 0.04 0.00
SHOEMAKER___GT 23640	31.19 1.31 0.00	27.70 1.34 0.00	25.40 1.21 0.00	25.35 1.23 0.00	25.58 1.29 0.00	26.49 1.26 0.00	34.15 1.41 0.00	35.70 1.96 0.00	40.53 1.93 0.00	41.54 2.01 0.00	42.55 1.71 0.00	43.38 1.46 -0.09	44.29 1.53 -0.25	46.70 1.79 -0.26	50.55 1.97 -0.63	56.45 2.42 -1.50	54.88 2.24 -0.45	59.49 2.99 0.00	61.01 3.01 0.00	58.32 2.30 0.00	57.41 1.83 0.00	49.76 1.50 0.00	42.87 1.41 0.00	38.33 1.33 0.00
SHOEMAKR_138KV_BK 111 55601	31.19 1.31 0.00	27.70 1.34 0.00	25.40 1.21 0.00	25.35 1.23 0.00	25.58 1.29 0.00	26.51 1.29 0.00	34.15 1.41 0.00	35.70 1.96 0.00	40.53 1.93 0.00	41.54 2.02 0.00	42.72 1.88 0.00	43.72 1.80 -0.09	44.51 1.74 -0.25	46.66 1.74 -0.26	50.44 1.87 -0.62	56.33 2.31 -1.49	54.83 2.19 -0.44	59.38 2.88 0.00	60.90 2.90 0.00	58.26 2.24 0.00	57.25 1.67 0.00	49.61 1.35 0.00	42.82 1.37 0.00	38.30 1.30 0.00
SHOREHAM_IC_1 23715	40.50 1.94 -8.69	37.56 2.19 -9.02	32.42 2.01 -6.22	30.53 2.03 -4.38	32.13 2.21 -5.63	34.09 2.14 -6.73	37.07 2.10 -2.23	40.33 2.60 -3.99	41.27 2.66 -0.01	42.42 2.88 -0.01	43.17 2.33 -0.01	42.32 0.38 -0.11	43.19 0.38 -0.30	46.19 1.25 -0.29	50.30 1.63 -0.71	56.68 2.42 -1.74	56.73 2.35 -2.19	61.52 3.33 -1.68	62.89 3.25 -1.64	58.75 2.41 -0.33	57.19 1.61 0.00	49.66 1.40 0.00	43.26 1.24 -0.56	39.33 1.89 -0.45
SHOREHAM_IC_2 23716	40.51 1.94 -8.69	37.56 2.19 -9.02	32.42 2.01 -6.22	30.53 2.03 -4.38	32.13 2.21 -5.63	34.12 2.17 -6.73	37.07 2.10 -2.23	40.33 2.60 -3.99	41.27 2.66 -0.01	42.38 2.85 -0.01	43.50 2.65 -0.01	44.49 2.55 -0.11	45.11 2.30 -0.30	46.10 1.16 -0.29	50.11 1.44 -0.71	56.58 2.31 -1.74	56.68 2.30 -2.19	61.35 3.16 -1.68	62.72 3.07 -1.64	58.70 2.35 -0.33	57.02 1.45 0.00	49.56 1.30 0.00	43.22 1.20 -0.56	39.30 1.85 -0.45
SISSONVILLE____ 23735	29.67 -0.21 0.00	26.09 -0.26 0.00	23.97 -0.22 0.00	23.91 -0.22 0.00	24.12 -0.17 0.00	25.10 -0.13 0.00	32.97 0.23 0.00	33.84 0.10 0.00	38.98 0.39 0.00	39.80 0.28 0.00	41.29 0.45 0.00	42.58 0.75 0.00	43.36 0.85 0.00	45.59 0.94 0.00	48.72 0.77 0.00	53.31 0.79 0.00	53.03 0.84 0.00	56.90 0.40 0.00	58.06 0.06 0.00	56.35 0.34 0.00	56.47 0.89 0.00	49.32 1.06 0.00	42.45 0.99 0.00	37.78 0.78 0.00
SITHE_IND_GS1 24169	29.31 -0.57 0.00	25.88 -0.47 0.00	23.73 -0.46 0.00	23.64 -0.48 0.00	23.80 -0.49 0.00	24.77 -0.45 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.46 -1.07 0.00	39.74 -1.10 0.00	40.70 -1.13 0.00	41.41 -1.11 0.00	43.40 -1.25 0.00	46.66 -1.29 0.00	50.95 -1.57 0.00	50.67 -1.52 0.00	55.09 -1.41 0.00	56.78 -1.22 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	46.96 -1.30 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00
SITHE_IND_GS2 24170	29.31 -0.57 0.00	25.88 -0.47 0.00	23.73 -0.46 0.00	23.64 -0.48 0.00	23.80 -0.49 0.00	24.77 -0.45 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.46 -1.07 0.00	39.74 -1.10 0.00	40.70 -1.13 0.00	41.41 -1.11 0.00	43.40 -1.25 0.00	46.66 -1.29 0.00	50.95 -1.57 0.00	50.67 -1.52 0.00	55.09 -1.41 0.00	56.78 -1.22 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	46.96 -1.30 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00
SITHE_IND_GS3 24171	29.31 -0.57 0.00	25.88 -0.47 0.00	23.73 -0.46 0.00	23.64 -0.48 0.00	23.80 -0.49 0.00	24.77 -0.45 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.46 -1.07 0.00	39.74 -1.10 0.00	40.70 -1.13 0.00	41.41 -1.11 0.00	43.40 -1.25 0.00	46.66 -1.29 0.00	50.95 -1.57 0.00	50.67 -1.52 0.00	55.09 -1.41 0.00	56.78 -1.22 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	46.96 -1.30 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00
SITHE_IND_GS4 24172	29.31 -0.57 0.00	25.88 -0.47 0.00	23.73 -0.46 0.00	23.64 -0.48 0.00	23.80 -0.49 0.00	24.77 -0.45 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.46 -1.07 0.00	39.74 -1.10 0.00	40.70 -1.13 0.00	41.41 -1.11 0.00	43.40 -1.25 0.00	46.66 -1.29 0.00	50.95 -1.57 0.00	50.67 -1.52 0.00	55.09 -1.41 0.00	56.78 -1.22 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	46.96 -1.30 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00

SITHE___BATAVIA 24024	31.22 1.35 0.00	27.30 0.95 0.00	24.91 0.72 0.00	24.70 0.58 0.00	24.85 0.56 0.00	26.06 0.83 0.00	33.10 0.36 0.00	34.68 0.94 0.00	39.14 0.54 0.00	40.16 0.63 0.00	41.78 0.94 0.00	43.42 1.59 0.00	44.22 1.70 0.00	45.81 1.16 0.00	49.15 1.20 0.00	52.47 -0.05 0.00	52.77 0.58 0.00	57.92 1.41 0.00	60.49 2.49 0.00	58.60 2.58 0.00	57.30 1.72 0.00	49.81 1.54 0.00	42.33 0.87 0.00	37.89 0.89 0.00
SITHE___INDEPEND 23800	29.31 -0.57 0.00	25.88 -0.47 0.00	23.73 -0.46 0.00	23.64 -0.48 0.00	23.80 -0.49 0.00	24.75 -0.48 0.00	31.99 -0.75 0.00	32.93 -0.81 0.00	37.56 -1.04 0.00	38.50 -1.03 0.00	39.69 -1.14 0.00	40.57 -1.25 0.00	41.24 -1.28 0.00	43.36 -1.29 0.00	46.61 -1.34 0.00	50.90 -1.63 0.00	50.62 -1.57 0.00	55.09 -1.41 0.00	56.72 -1.28 0.00	54.73 -1.29 0.00	54.08 -1.50 0.00	46.91 -1.35 0.00	40.25 -1.20 0.00	35.93 -1.07 0.00
SITHE___MASSENA 23902	29.67 -0.21 0.00	26.07 -0.29 0.00	23.95 -0.24 0.00	23.88 -0.24 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.81 0.07 0.00	33.64 -0.10 0.00	38.75 0.16 0.00	39.65 0.12 0.00	41.13 0.29 0.00	42.37 0.54 0.00	43.06 0.55 0.00	45.19 0.54 0.00	48.38 0.43 0.00	53.05 0.53 0.00	52.71 0.52 0.00	56.50 0.00 0.00	57.83 -0.17 0.00	56.19 0.17 0.00	56.13 0.56 0.00	48.84 0.58 0.00	42.16 0.70 0.00	37.59 0.59 0.00
SITHE___OGDNSBRG 24021	30.02 0.15 0.00	26.36 0.00 0.00	24.21 0.02 0.00	24.12 0.00 0.00	24.36 0.07 0.00	25.38 0.15 0.00	33.36 0.62 0.00	34.11 0.37 0.00	39.25 0.66 0.00	40.04 0.51 0.00	41.53 0.69 0.00	42.79 0.96 0.00	43.58 1.06 0.00	45.81 1.16 0.00	49.01 1.05 0.00	53.68 1.16 0.00	53.44 1.25 0.00	57.35 0.85 0.00	58.87 0.87 0.00	57.31 1.29 0.00	57.47 1.89 0.00	50.10 1.83 0.00	43.07 1.62 0.00	38.26 1.26 0.00
SITHE___STERLING 23777	30.65 0.78 0.00	27.07 0.71 0.00	24.82 0.63 0.00	24.70 0.58 0.00	24.95 0.66 0.00	26.01 0.78 0.00	33.69 0.95 0.00	34.92 1.18 0.00	39.80 1.20 0.00	40.67 1.15 0.00	41.94 1.10 0.00	42.91 1.09 0.00	43.62 1.10 0.00	45.86 1.21 0.00	49.29 1.34 0.00	53.94 1.42 0.00	53.86 1.67 0.00	58.65 2.15 0.00	60.61 2.61 0.00	58.37 2.35 0.00	57.74 2.17 0.00	50.14 1.88 0.00	42.82 1.37 0.00	38.00 1.00 0.00
SLEIGHT__34_KV_TB1 80719	30.08 0.21 0.00	26.44 0.08 0.00	24.19 0.00 0.00	24.03 -0.10 0.00	24.17 -0.12 0.00	25.20 -0.03 0.00	32.51 -0.23 0.00	33.84 0.10 0.00	38.48 -0.12 0.00	39.57 0.04 0.00	40.67 -0.16 0.00	41.54 -0.29 0.00	42.30 -0.21 0.00	44.70 0.04 0.00	48.14 0.19 0.00	51.95 -0.58 0.00	51.82 -0.37 0.00	56.78 0.28 0.00	58.87 0.87 0.00	56.86 0.84 0.00	55.86 0.28 0.00	48.45 0.19 0.00	41.29 -0.17 0.00	36.89 -0.11 0.00
SMITHTWN_69_KV_BK 1 55830	40.91 2.30 -8.73	37.76 2.35 -9.06	32.60 2.15 -6.25	30.70 2.17 -4.41	32.23 2.28 -5.66	34.28 2.30 -6.76	37.50 2.52 -2.24	40.86 3.10 -4.01	41.81 3.20 -0.01	42.94 3.40 -0.01	44.03 3.19 -0.01	45.04 3.10 -0.11	45.66 2.85 -0.30	46.82 1.88 -0.29	50.82 2.16 -0.71	57.15 2.89 -1.74	57.32 2.87 -2.26	61.98 3.73 -1.75	63.31 3.60 -1.71	59.22 2.86 -0.34	57.64 2.06 0.00	50.19 1.93 0.00	43.82 1.78 -0.58	39.72 2.26 -0.47
SOUTH CAIRO___GT 23612	31.19 1.31 0.00	27.70 1.34 0.00	25.37 1.19 0.00	25.30 1.18 0.00	25.48 1.19 0.00	26.51 1.29 0.00	34.12 1.38 0.00	35.39 1.65 0.00	40.10 1.51 0.00	40.79 1.26 0.00	41.70 0.86 0.00	42.89 1.09 0.02	43.59 1.15 0.07	45.47 0.89 0.07	49.03 1.25 0.17	53.80 1.68 0.41	53.84 1.77 0.12	58.82 2.32 0.00	60.90 2.90 0.00	58.65 2.63 0.00	58.02 2.45 0.00	50.34 2.08 0.00	43.07 1.62 0.00	38.37 1.37 0.00
SOUTH HAMPTN___IC 23720	41.18 2.63 -8.68	38.10 2.74 -9.01	32.94 2.54 -6.22	31.06 2.56 -4.38	32.63 2.72 -5.62	34.64 2.70 -6.72	37.81 2.85 -2.23	41.20 3.48 -3.99	42.31 3.71 -0.01	43.53 3.99 -0.01	44.32 3.47 -0.01	43.53 1.59 -0.11	44.39 1.57 -0.30	47.49 2.54 -0.29	51.74 3.07 -0.71	58.31 4.04 -1.74	58.33 3.96 -2.17	63.25 5.09 -1.66	64.55 4.93 -1.62	60.10 3.75 -0.32	58.36 2.78 0.00	50.63 2.36 0.00	44.04 2.03 -0.55	40.11 2.67 -0.44
SOUTHDOWN_115KV_TB1 355954	30.83 0.96 0.00	27.02 0.66 0.00	24.72 0.53 0.00	24.51 0.39 0.00	24.75 0.46 0.00	25.91 0.68 0.00	33.30 0.56 0.00	35.33 1.59 0.00	39.95 1.35 0.00	41.03 1.50 0.00	42.02 1.18 0.00	42.96 1.13 0.00	43.96 1.45 0.00	46.57 1.92 0.00	50.16 2.21 0.00	53.52 1.00 0.00	52.97 0.78 0.00	58.31 1.81 0.00	60.78 2.78 0.00	58.20 2.18 0.00	56.30 0.72 0.00	48.94 0.68 0.00	41.37 -0.08 0.00	37.04 0.04 0.00
SOUTHOLD_69_KV_BK 2 55809	41.57 3.02 -8.68	38.42 3.06 -9.01	33.23 2.83 -6.22	31.37 2.87 -4.38	32.95 3.04 -5.62	34.97 3.03 -6.72	38.24 3.27 -2.23	41.64 3.91 -3.99	42.85 4.25 -0.01	44.08 4.55 -0.01	45.18 4.33 -0.01	46.17 4.22 -0.11	46.81 4.00 -0.30	48.02 3.08 -0.29	52.22 3.55 -0.71	58.89 4.62 -1.74	58.96 4.59 -2.17	63.87 5.71 -1.66	65.02 5.39 -1.63	60.49 4.15 -0.32	58.47 2.89 0.00	50.77 2.51 0.00	44.16 2.16 -0.55	40.40 2.96 -0.44
SOUTHOLD___IC 23719	41.57 3.02 -8.68	38.42 3.06 -9.01	33.23 2.83 -6.22	31.37 2.87 -4.38	32.95 3.04 -5.62	34.94 3.00 -6.72	38.24 3.27 -2.23	41.64 3.91 -3.99	42.85 4.25 -0.01	44.12 4.58 -0.01	44.89 4.04 -0.01	44.07 2.13 -0.11	44.94 2.12 -0.30	48.07 3.12 -0.29	52.41 3.74 -0.71	59.04 4.78 -1.74	59.06 4.70 -2.17	64.04 5.88 -1.66	65.19 5.57 -1.63	60.55 4.20 -0.32	58.63 3.05 0.00	50.87 2.60 0.00	44.20 2.20 -0.55	40.44 3.00 -0.44
SOUTH_FORK_WT_PWR 323839	41.60 3.05 -8.68	38.47 3.11 -9.01	33.31 2.90 -6.22	31.44 2.94 -4.38	33.02 3.11 -5.62	35.02 3.08 -6.72	38.31 3.34 -2.23	41.71 3.98 -3.99	42.93 4.32 -0.01	44.20 4.66 -0.01	44.89 4.04 -0.01	44.07 2.13 -0.11	44.98 2.17 -0.30	48.07 3.12 -0.29	52.41 3.74 -0.71	59.00 4.73 -1.74	58.96 4.59 -2.17	63.93 5.77 -1.66	64.90 5.28 -1.62	60.20 3.86 -0.32	58.14 2.56 0.00	50.48 2.22 0.00	43.92 1.91 -0.55	40.33 2.89 -0.44
SPIERFLS_115KV_TB 1 80737	31.01 1.14 0.00	27.62 1.27 0.00	25.28 1.09 0.00	25.21 1.09 0.00	25.33 1.04 0.00	26.18 0.96 0.00	33.63 0.88 0.00	34.82 1.08 0.00	39.60 1.00 0.00	40.24 0.71 0.00	41.41 0.57 0.00	42.30 0.54 0.08	42.77 0.47 0.21	44.79 0.36 0.22	47.86 0.43 0.52	52.06 0.79 1.25	52.76 0.94 0.37	58.08 1.58 0.00	59.91 1.91 0.00	57.70 1.68 0.00	56.97 1.39 0.00	49.56 1.30 0.00	42.33 0.87 0.00	38.22 1.22 0.00
ST LAWRENCE____ 23600	29.43 -0.45 0.00	25.83 -0.53 0.00	23.73 -0.46 0.00	23.66 -0.46 0.00	23.85 -0.44 0.00	24.77 -0.45 0.00	32.45 -0.30 0.00	33.24 -0.51 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	41.87 0.04 0.00	42.51 0.00 0.00	44.61 -0.04 0.00	47.86 -0.10 0.00	52.47 -0.05 0.00	52.14 -0.05 0.00	55.88 -0.62 0.00	57.19 -0.81 0.00	55.57 -0.45 0.00	55.52 -0.06 0.00	48.26 0.00 0.00	41.54 0.08 0.00	37.11 0.11 0.00

STATE_CA_115KV_115_LB 55624	30.65 0.78 0.00	27.25 0.90 0.00	25.01 0.82 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.03 0.81 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.41 0.81 0.00	40.28 0.75 0.00	41.45 0.61 0.00	42.34 0.59 0.07	42.87 0.55 0.20	44.90 0.45 0.20	48.00 0.53 0.48	52.15 0.79 1.16	52.57 0.73 0.35	57.69 1.19 0.00	59.22 1.22 0.00	56.97 0.95 0.00	56.13 0.56 0.00	48.79 0.53 0.00	41.95 0.50 0.00	37.48 0.48 0.00
STATE_ST_34_KV_LOAD 55959	30.26 0.39 0.00	26.70 0.34 0.00	24.43 0.24 0.00	24.32 0.19 0.00	24.46 0.17 0.00	25.50 0.28 0.00	32.97 0.23 0.00	34.21 0.47 0.00	38.95 0.35 0.00	39.96 0.43 0.00	41.16 0.33 0.00	42.00 0.17 0.00	42.73 0.21 0.00	45.01 0.36 0.00	48.48 0.53 0.00	52.73 0.21 0.00	52.50 0.31 0.00	57.41 0.90 0.00	59.45 1.45 0.00	57.31 1.29 0.00	56.47 0.89 0.00	48.99 0.72 0.00	41.79 0.33 0.00	37.22 0.22 0.00
STATION_5_MISC_HYD 23604	30.50 0.63 0.00	26.75 0.40 0.00	24.43 0.24 0.00	24.24 0.12 0.00	24.41 0.12 0.00	25.53 0.30 0.00	32.68 -0.07 0.00	34.08 0.34 0.00	38.64 0.04 0.00	39.69 0.16 0.00	41.20 0.37 0.00	42.58 0.75 0.00	43.36 0.85 0.00	45.14 0.49 0.00	48.48 0.53 0.00	52.16 -0.37 0.00	52.24 0.05 0.00	57.12 0.62 0.00	59.27 1.27 0.00	57.31 1.29 0.00	56.25 0.67 0.00	48.84 0.58 0.00	41.62 0.17 0.00	37.22 0.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.26 0.39 0.00	26.59 0.24 0.00	24.33 0.15 0.00	24.17 0.05 0.00	24.34 0.05 0.00	25.35 0.13 0.00	32.71 -0.03 0.00	34.08 0.34 0.00	38.68 0.08 0.00	39.72 0.20 0.00	40.84 0.00 0.00	41.66 -0.17 0.00	42.47 -0.04 0.00	44.88 0.22 0.00	48.34 0.38 0.00	52.16 -0.37 0.00	52.09 -0.10 0.00	57.12 0.62 0.00	59.28 1.28 0.00	57.20 1.18 0.00	56.19 0.61 0.00	48.74 0.48 0.00	41.50 0.04 0.00	37.11 0.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.26 0.39 0.00	26.54 0.18 0.00	24.24 0.05 0.00	24.07 -0.05 0.00	24.22 -0.07 0.00	25.23 0.00 0.00	32.45 -0.29 0.00	33.81 0.07 0.00	38.37 -0.23 0.00	39.49 -0.04 0.00	40.55 -0.29 0.00	41.45 -0.38 0.00	42.30 -0.21 0.00	44.70 0.04 0.00	48.10 0.14 0.00	51.74 -0.79 0.00	51.67 -0.52 0.00	56.73 0.23 0.00	58.87 0.87 0.00	56.86 0.84 0.00	55.80 0.22 0.00	48.41 0.14 0.00	41.25 -0.21 0.00	36.96 -0.04 0.00
STA_56___34_KV_BUS2 355983	30.26 0.39 0.00	26.54 0.18 0.00	24.24 0.05 0.00	24.07 -0.05 0.00	24.22 -0.07 0.00	25.23 0.00 0.00	32.45 -0.29 0.00	33.81 0.07 0.00	38.37 -0.23 0.00	39.49 -0.04 0.00	40.55 -0.29 0.00	41.45 -0.38 0.00	42.30 -0.21 0.00	44.70 0.04 0.00	48.10 0.14 0.00	51.74 -0.79 0.00	51.67 -0.52 0.00	56.73 0.23 0.00	58.87 0.87 0.00	56.86 0.84 0.00	55.80 0.22 0.00	48.41 0.14 0.00	41.25 -0.21 0.00	36.96 -0.04 0.00
STA_67___115KV_BK2 355882	30.44 0.57 0.00	26.70 0.34 0.00	24.38 0.19 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.38 0.15 0.00	32.61 -0.13 0.00	34.01 0.27 0.00	38.56 -0.04 0.00	39.65 0.12 0.00	40.72 -0.12 0.00	41.58 -0.25 0.00	42.43 -0.09 0.00	44.83 0.18 0.00	48.29 0.34 0.00	51.89 -0.63 0.00	51.82 -0.37 0.00	56.90 0.40 0.00	59.10 1.10 0.00	57.08 1.06 0.00	55.97 0.39 0.00	48.60 0.34 0.00	41.42 -0.04 0.00	37.15 0.15 0.00
STA_7___115KV_9TRANS 80674	30.65 0.78 0.00	26.88 0.53 0.00	24.55 0.36 0.00	24.36 0.24 0.00	24.51 0.22 0.00	25.50 0.28 0.00	32.81 0.07 0.00	34.25 0.51 0.00	38.83 0.23 0.00	39.96 0.43 0.00	41.08 0.25 0.00	41.95 0.13 0.00	42.85 0.34 0.00	45.28 0.63 0.00	48.77 0.82 0.00	52.37 -0.16 0.00	52.35 0.16 0.00	57.52 1.02 0.00	59.74 1.74 0.00	57.76 1.74 0.00	56.63 1.06 0.00	49.13 0.87 0.00	41.83 0.37 0.00	37.48 0.48 0.00
STA_82___115KV_TB1 80780	30.41 0.54 0.00	26.70 0.34 0.00	24.38 0.19 0.00	24.19 0.07 0.00	24.34 0.05 0.00	25.35 0.13 0.00	32.58 -0.16 0.00	33.98 0.24 0.00	38.52 -0.08 0.00	39.61 0.08 0.00	40.63 -0.20 0.00	41.54 -0.29 0.00	42.34 -0.17 0.00	44.79 0.13 0.00	48.19 0.24 0.00	51.84 -0.68 0.00	51.77 -0.42 0.00	56.78 0.28 0.00	58.99 0.99 0.00	57.03 1.01 0.00	55.91 0.33 0.00	48.50 0.24 0.00	41.37 -0.08 0.00	37.11 0.11 0.00
STEEL___WIND 323596	30.50 0.63 0.00	26.73 0.37 0.00	24.41 0.22 0.00	24.19 0.07 0.00	24.36 0.07 0.00	25.60 0.38 0.00	32.45 -0.30 0.00	34.15 0.41 0.00	38.56 -0.04 0.00	39.49 -0.04 0.00	41.08 0.25 0.00	42.62 0.79 0.00	43.41 0.89 0.00	44.88 0.22 0.00	48.10 0.14 0.00	51.47 -1.05 0.00	51.67 -0.52 0.00	56.56 0.06 0.00	58.92 0.93 0.00	56.58 0.56 0.00	55.08 -0.50 0.00	48.02 -0.24 0.00	40.88 -0.58 0.00	36.67 -0.33 0.00
STEPHTWN_115KV_BK_2 55603	30.83 0.96 0.00	27.38 1.03 0.00	25.11 0.92 0.00	25.04 0.92 0.00	25.19 0.90 0.00	26.18 0.96 0.00	33.63 0.88 0.00	34.92 1.18 0.00	39.64 1.04 0.00	40.48 0.95 0.00	41.65 0.82 0.00	42.56 0.79 0.07	43.05 0.72 0.19	45.08 0.63 0.20	48.20 0.72 0.47	52.45 1.05 1.12	52.85 0.99 0.33	58.08 1.58 0.00	59.68 1.68 0.00	57.36 1.34 0.00	56.52 0.94 0.00	49.13 0.87 0.00	42.20 0.75 0.00	37.70 0.70 0.00
STEUBEN_REC_LFGE 323667	30.56 0.69 0.00	26.86 0.50 0.00	24.60 0.41 0.00	24.44 0.31 0.00	24.63 0.34 0.00	25.81 0.58 0.00	33.27 0.52 0.00	34.92 1.18 0.00	39.41 0.81 0.00	40.28 0.75 0.00	41.33 0.49 0.00	41.87 0.04 0.00	42.77 0.26 0.00	45.28 0.63 0.00	48.86 0.91 0.00	52.58 0.05 0.00	52.56 0.37 0.00	57.97 1.47 0.00	60.49 2.49 0.00	58.32 2.30 0.00	56.97 1.39 0.00	49.37 1.11 0.00	41.71 0.25 0.00	37.19 0.19 0.00
STILLWATER___SOLAR 323814	31.25 1.37 0.00	27.78 1.42 0.00	25.47 1.28 0.00	25.38 1.25 0.00	25.55 1.26 0.00	26.46 1.24 0.00	34.05 1.31 0.00	35.26 1.52 0.00	40.14 1.55 0.00	40.91 1.38 0.00	41.98 1.14 0.00	42.75 1.00 0.08	43.26 0.98 0.24	45.48 1.07 0.25	48.57 1.20 0.58	52.65 1.52 1.40	53.34 1.56 0.42	58.76 2.26 0.00	60.49 2.49 0.00	58.20 2.18 0.00	57.58 2.00 0.00	50.05 1.79 0.00	42.87 1.41 0.00	38.41 1.41 0.00
STONY___BROOK 24151	40.89 2.30 -8.72	37.75 2.34 -9.04	32.58 2.15 -6.24	30.69 2.17 -4.40	32.24 2.31 -5.65	34.24 2.27 -6.75	37.50 2.52 -2.23	40.81 3.07 -4.00	41.77 3.17 -0.01	42.94 3.40 -0.01	43.70 2.86 -0.01	42.94 1.00 -0.11	43.79 0.98 -0.30	46.82 1.88 -0.29	50.97 2.30 -0.71	57.15 2.89 -1.74	57.19 2.76 -2.24	61.96 3.73 -1.73	63.34 3.66 -1.69	59.15 2.80 -0.34	57.64 2.06 0.00	50.29 2.03 0.00	43.81 1.78 -0.57	39.76 2.29 -0.46
STURGEON_POOL_HYD 23609	31.31 1.43 0.00	27.81 1.45 0.00	25.52 1.33 0.00	25.47 1.35 0.00	25.70 1.41 0.00	26.61 1.39 0.00	34.28 1.54 0.00	35.90 2.16 0.00	40.76 2.16 0.00	41.82 2.29 0.00	42.96 2.12 0.00	44.10 2.22 -0.06	44.84 2.17 -0.16	46.87 2.05 -0.17	50.65 2.30 -0.39	56.36 2.89 -0.94	55.19 2.71 -0.28	59.89 3.39 0.00	61.36 3.36 0.00	58.65 2.63 0.00	57.64 2.06 0.00	49.85 1.59 0.00	43.07 1.62 0.00	38.52 1.52 0.00

ST_LAW_115_BK7_LBMP 345037	29.40 -0.48 0.00	25.80 -0.55 0.00	23.70 -0.48 0.00	23.64 -0.48 0.00	23.83 -0.46 0.00	24.75 -0.48 0.00	32.45 -0.30 0.00	33.24 -0.51 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	41.87 0.04 0.00	42.51 0.00 0.00	44.61 -0.04 0.00	47.86 -0.10 0.00	52.47 -0.05 0.00	52.14 -0.05 0.00	55.88 -0.62 0.00	57.19 -0.81 0.00	55.57 -0.45 0.00	55.52 -0.06 0.00	48.26 0.00 0.00	41.58 0.12 0.00	37.11 0.11 0.00
ST_LAW_115_BK8_LBMP 345038	29.40 -0.48 0.00	25.80 -0.55 0.00	23.70 -0.48 0.00	23.64 -0.48 0.00	23.83 -0.46 0.00	24.75 -0.48 0.00	32.45 -0.30 0.00	33.24 -0.51 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	41.87 0.04 0.00	42.51 0.00 0.00	44.61 -0.04 0.00	47.86 -0.10 0.00	52.47 -0.05 0.00	52.14 -0.05 0.00	55.88 -0.62 0.00	57.19 -0.81 0.00	55.57 -0.45 0.00	55.52 -0.06 0.00	48.26 0.00 0.00	41.58 0.12 0.00	37.11 0.11 0.00
ST_LAW_230_BK5_LBMP 345035	29.43 -0.45 0.00	25.83 -0.53 0.00	23.73 -0.46 0.00	23.66 -0.46 0.00	23.85 -0.44 0.00	24.77 -0.45 0.00	32.45 -0.30 0.00	33.24 -0.51 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	41.87 0.04 0.00	42.51 0.00 0.00	44.61 -0.04 0.00	47.86 -0.10 0.00	52.47 -0.05 0.00	52.14 -0.05 0.00	55.88 -0.62 0.00	57.19 -0.81 0.00	55.57 -0.45 0.00	55.52 -0.06 0.00	48.26 0.00 0.00	41.54 0.08 0.00	37.11 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	29.43 -0.45 0.00	25.83 -0.53 0.00	23.73 -0.46 0.00	23.66 -0.46 0.00	23.85 -0.44 0.00	24.77 -0.45 0.00	32.45 -0.30 0.00	33.24 -0.51 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	41.87 0.04 0.00	42.51 0.00 0.00	44.61 -0.04 0.00	47.86 -0.10 0.00	52.47 -0.05 0.00	52.14 -0.05 0.00	55.88 -0.62 0.00	57.19 -0.81 0.00	55.57 -0.45 0.00	55.52 -0.06 0.00	48.26 0.00 0.00	41.54 0.08 0.00	37.11 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.31 1.43 0.00	27.81 1.45 0.00	25.49 1.31 0.00	25.45 1.33 0.00	25.67 1.38 0.00	26.61 1.39 0.00	34.28 1.54 0.00	35.87 2.13 0.00	40.72 2.12 0.00	41.78 2.25 0.00	42.96 2.12 0.00	43.97 2.05 -0.09	44.77 2.00 -0.26	46.89 1.96 -0.27	50.71 2.11 -0.64	56.70 2.63 -1.55	55.10 2.45 -0.46	59.72 3.22 0.00	61.19 3.19 0.00	58.48 2.46 0.00	57.41 1.83 0.00	49.71 1.45 0.00	42.95 1.49 0.00	38.44 1.44 0.00
SWANROAD_115KV_TB1 355699	30.14 0.27 0.00	26.38 0.03 0.00	24.12 -0.07 0.00	23.88 -0.24 0.00	24.05 -0.24 0.00	25.00 -0.23 0.00	31.73 -1.02 0.00	33.13 -0.61 0.00	37.40 -1.20 0.00	38.38 -1.15 0.00	39.12 -1.72 0.00	39.99 -1.84 0.00	40.86 -1.66 0.00	43.31 -1.34 0.00	46.61 -1.34 0.00	49.69 -2.84 0.00	49.68 -2.51 0.00	54.75 -1.75 0.00	57.13 -0.87 0.00	55.01 -1.01 0.00	53.52 -2.06 0.00	46.57 -1.69 0.00	39.76 -1.70 0.00	35.96 -1.04 0.00
SYNERGY___BIOGAS 323694	31.22 1.34 0.00	27.31 0.95 0.00	24.91 0.73 0.00	24.70 0.58 0.00	24.85 0.56 0.00	25.88 0.66 0.00	33.10 0.36 0.00	34.69 0.94 0.00	39.14 0.54 0.00	40.28 0.75 0.00	41.21 0.37 0.00	42.08 0.25 0.00	43.02 0.51 0.00	45.55 0.89 0.00	49.06 1.10 0.00	52.31 -0.21 0.00	52.45 0.26 0.00	57.86 1.36 0.00	60.49 2.49 0.00	58.54 2.52 0.00	57.19 1.61 0.00	49.66 1.40 0.00	42.24 0.79 0.00	37.93 0.93 0.00
SYRACUSE___ENERGY_ST1 323597	30.05 0.18 0.00	26.51 0.16 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.35 0.13 0.00	32.81 0.07 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.88 0.04 0.00	41.70 -0.13 0.00	42.43 -0.09 0.00	44.65 0.00 0.00	48.05 0.10 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.37 -0.08 0.00	36.89 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	30.05 0.18 0.00	26.51 0.16 0.00	24.31 0.12 0.00	24.22 0.10 0.00	24.36 0.07 0.00	25.35 0.13 0.00	32.81 0.07 0.00	33.91 0.17 0.00	38.64 0.04 0.00	39.65 0.12 0.00	40.88 0.04 0.00	41.70 -0.13 0.00	42.43 -0.09 0.00	44.65 0.00 0.00	48.05 0.10 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.37 -0.08 0.00	36.89 -0.11 0.00
SYRACUSE___POWER 24017	29.99 0.12 0.00	26.49 0.13 0.00	24.26 0.07 0.00	24.17 0.05 0.00	24.31 0.02 0.00	25.30 0.08 0.00	32.74 0.00 0.00	33.88 0.13 0.00	38.60 0.00 0.00	39.61 0.08 0.00	40.84 0.00 0.00	41.66 -0.17 0.00	42.39 -0.13 0.00	44.61 -0.04 0.00	48.00 0.05 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.31 0.05 0.00	41.33 -0.12 0.00	36.85 -0.15 0.00
TALLMAN_138KV_BK151 55660	31.49 1.61 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.82 1.53 0.00	26.74 1.51 0.00	34.48 1.74 0.00	36.14 2.40 0.00	41.03 2.43 0.00	42.10 2.57 0.00	43.29 2.45 0.00	44.31 2.38 -0.10	45.08 2.30 -0.27	47.21 2.28 -0.28	51.07 2.45 -0.68	57.14 2.99 -1.62	55.49 2.82 -0.48	60.12 3.62 0.00	61.48 3.48 0.00	58.71 2.69 0.00	57.64 2.06 0.00	49.85 1.59 0.00	43.16 1.70 0.00	38.63 1.63 0.00
TEALLAVE_115KV_TB7 355573	29.90 0.03 0.00	26.41 0.05 0.00	24.19 0.00 0.00	24.10 -0.02 0.00	24.24 -0.05 0.00	25.23 0.00 0.00	32.64 -0.10 0.00	33.74 0.00 0.00	38.48 -0.12 0.00	39.49 -0.04 0.00	40.72 -0.12 0.00	41.54 -0.29 0.00	42.26 -0.26 0.00	44.47 -0.18 0.00	47.86 -0.10 0.00	52.16 -0.37 0.00	51.88 -0.31 0.00	56.56 0.06 0.00	58.35 0.35 0.00	56.19 0.17 0.00	55.41 -0.17 0.00	48.12 -0.14 0.00	41.17 -0.29 0.00	36.70 -0.30 0.00
TELGRAPH_34_KV_EAST 80808	30.68 0.81 0.00	26.83 0.47 0.00	24.50 0.31 0.00	24.29 0.17 0.00	24.44 0.15 0.00	25.45 0.23 0.00	32.45 -0.29 0.00	33.94 0.20 0.00	38.33 -0.27 0.00	39.37 -0.16 0.00	40.23 -0.61 0.00	41.12 -0.71 0.00	42.00 -0.51 0.00	44.47 -0.18 0.00	47.95 0.00 0.00	51.11 -1.42 0.00	51.15 -1.04 0.00	56.39 -0.11 0.00	58.87 0.87 0.00	56.80 0.78 0.00	55.36 -0.22 0.00	48.12 -0.14 0.00	41.00 -0.46 0.00	36.93 -0.07 0.00
TEMPLE___115KV_TB 2 55572	29.93 0.06 0.00	26.41 0.05 0.00	24.21 0.02 0.00	24.12 0.00 0.00	24.27 -0.02 0.00	25.25 0.03 0.00	32.64 -0.10 0.00	33.77 0.03 0.00	38.52 -0.08 0.00	39.49 -0.04 0.00	40.72 -0.12 0.00	41.58 -0.25 0.00	42.30 -0.21 0.00	44.52 -0.13 0.00	47.90 -0.05 0.00	52.21 -0.32 0.00	51.93 -0.26 0.00	56.62 0.11 0.00	58.41 0.41 0.00	56.24 0.22 0.00	55.47 -0.11 0.00	48.17 -0.10 0.00	41.21 -0.25 0.00	36.74 -0.26 0.00
TIANA____69_KV_BK 1 55817	41.03 2.48 -8.68	37.97 2.61 -9.01	32.82 2.42 -6.22	30.94 2.44 -4.38	32.51 2.60 -5.62	34.54 2.60 -6.72	37.65 2.68 -2.23	41.03 3.31 -3.99	42.08 3.47 -0.01	43.29 3.76 -0.01	44.44 3.59 -0.01	45.41 3.47 -0.11	46.04 3.23 -0.30	47.17 2.23 -0.29	51.26 2.59 -0.71	57.84 3.57 -1.74	57.97 3.60 -2.17	62.74 4.58 -1.66	64.03 4.41 -1.63	59.82 3.47 -0.32	58.02 2.45 0.00	50.43 2.17 0.00	43.87 1.87 -0.55	39.92 2.48 -0.44

TILDEN___115KV_TB1 80814	29.99 0.12 0.00	26.49 0.13 0.00	24.26 0.07 0.00	24.17 0.05 0.00	24.31 0.02 0.00	25.30 0.08 0.00	32.74 0.00 0.00	33.88 0.13 0.00	38.60 0.00 0.00	39.61 0.08 0.00	40.84 0.00 0.00	41.66 -0.17 0.00	42.39 -0.13 0.00	44.61 -0.04 0.00	48.00 0.05 0.00	52.37 -0.16 0.00	52.09 -0.10 0.00	56.78 0.28 0.00	58.64 0.64 0.00	56.47 0.45 0.00	55.69 0.11 0.00	48.31 0.05 0.00	41.33 -0.12 0.00	36.85 -0.15 0.00
TRIGEN___CC 323695	47.10 1.88 -15.34	44.17 1.90 -15.92	36.92 1.74 -10.99	33.62 1.76 -7.74	36.08 1.85 -9.94	38.94 1.84 -11.88	38.77 2.10 -3.93	43.49 2.70 -7.05	41.35 2.74 -0.02	42.47 2.93 -0.02	43.55 2.70 -0.02	44.58 2.64 -0.12	45.33 2.51 -0.31	46.91 1.96 -0.30	50.83 2.16 -0.72	57.16 2.89 -1.75	68.72 2.56 -13.97	73.37 3.39 -13.48	74.37 3.19 -13.18	61.23 2.63 -2.58	57.58 2.00 0.00	49.90 1.64 0.00	47.75 1.87 -4.42	42.27 1.81 -3.46
TRINITY__115KV__4 BK 55933	30.56 0.69 0.00	27.15 0.79 0.00	24.94 0.75 0.00	24.87 0.75 0.00	25.02 0.73 0.00	25.96 0.73 0.00	33.33 0.59 0.00	34.62 0.88 0.00	39.25 0.66 0.00	40.12 0.59 0.00	41.29 0.45 0.00	42.14 0.38 0.07	42.66 0.34 0.19	44.68 0.22 0.20	47.77 0.29 0.47	51.92 0.53 1.13	52.32 0.47 0.34	57.41 0.90 0.00	58.93 0.93 0.00	56.69 0.67 0.00	55.86 0.28 0.00	48.55 0.29 0.00	41.75 0.29 0.00	37.33 0.33 0.00
UNION___PROCESSING_DRP 323587	30.44 0.57 0.00	26.70 0.34 0.00	24.38 0.19 0.00	24.19 0.07 0.00	24.34 0.05 0.00	25.35 0.13 0.00	32.58 -0.16 0.00	33.98 0.24 0.00	38.52 -0.08 0.00	39.61 0.08 0.00	40.67 -0.16 0.00	41.54 -0.29 0.00	42.39 -0.13 0.00	44.79 0.13 0.00	48.19 0.24 0.00	51.84 -0.68 0.00	51.77 -0.42 0.00	56.84 0.34 0.00	58.99 0.99 0.00	57.03 1.01 0.00	55.91 0.33 0.00	48.55 0.29 0.00	41.37 -0.08 0.00	37.11 0.11 0.00
UPPER HUDSON___HYD 24058	31.01 1.13 0.00	27.62 1.27 0.00	25.28 1.09 0.00	25.21 1.09 0.00	25.33 1.04 0.00	26.16 0.93 0.00	33.63 0.88 0.00	34.82 1.08 0.00	39.60 1.00 0.00	40.24 0.71 0.00	41.37 0.53 0.00	42.13 0.38 0.08	42.68 0.38 0.21	44.83 0.40 0.22	47.96 0.53 0.52	52.11 0.84 1.25	52.81 0.99 0.37	58.20 1.69 0.00	59.97 1.97 0.00	57.70 1.68 0.00	57.08 1.50 0.00	49.66 1.40 0.00	42.37 0.91 0.00	38.22 1.22 0.00
UPPER RAQUET___HYD 24056	29.67 -0.21 0.00	26.09 -0.26 0.00	23.97 -0.22 0.00	23.90 -0.22 0.00	24.12 -0.17 0.00	25.10 -0.13 0.00	32.97 0.23 0.00	33.84 0.10 0.00	38.98 0.39 0.00	39.81 0.28 0.00	41.29 0.45 0.00	42.58 0.75 0.00	43.24 0.72 0.00	45.36 0.71 0.00	48.53 0.58 0.00	53.10 0.58 0.00	52.82 0.63 0.00	56.67 0.17 0.00	57.83 -0.17 0.00	56.24 0.22 0.00	56.25 0.67 0.00	49.13 0.87 0.00	42.37 0.91 0.00	37.78 0.78 0.00
VALLEY44_115KV_TB2 355964	30.17 0.30 0.00	26.49 0.13 0.00	24.21 0.02 0.00	24.05 -0.07 0.00	24.22 -0.07 0.00	25.28 0.05 0.00	32.42 -0.33 0.00	34.31 0.57 0.00	38.64 0.04 0.00	39.57 0.04 0.00	40.51 -0.33 0.00	40.74 -1.09 0.00	41.62 -0.89 0.00	44.16 -0.49 0.00	47.57 -0.38 0.00	51.11 -1.42 0.00	51.25 -0.94 0.00	56.33 -0.17 0.00	58.58 0.58 0.00	56.24 0.22 0.00	54.75 -0.83 0.00	47.68 -0.58 0.00	40.50 -0.95 0.00	36.48 -0.52 0.00
VALLEY___115KV_TB 1-4 80826	29.64 -0.24 0.00	26.20 -0.16 0.00	24.04 -0.15 0.00	23.98 -0.14 0.00	24.17 -0.12 0.00	25.15 -0.08 0.00	32.58 -0.16 0.00	33.71 -0.03 0.00	38.48 -0.12 0.00	39.37 -0.16 0.00	40.63 -0.20 0.00	41.58 -0.25 0.00	42.22 -0.30 0.00	44.34 -0.31 0.00	47.67 -0.29 0.00	52.21 -0.32 0.00	51.98 -0.21 0.00	56.28 -0.23 0.00	57.88 -0.12 0.00	55.79 -0.22 0.00	55.19 -0.39 0.00	47.92 -0.34 0.00	41.21 -0.25 0.00	36.74 -0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.28 1.40 0.00	27.73 1.37 0.00	25.42 1.23 0.00	25.35 1.23 0.00	25.58 1.29 0.00	26.56 1.34 0.00	34.31 1.57 0.00	35.83 2.09 0.00	40.76 2.16 0.00	41.70 2.17 0.00	42.92 2.08 0.00	43.81 1.97 -0.02	44.47 1.91 -0.05	46.75 2.05 -0.05	50.27 2.21 -0.11	55.27 2.47 -0.27	54.83 2.56 -0.08	59.67 3.16 0.00	61.54 3.54 0.00	58.99 2.97 0.00	58.14 2.56 0.00	50.53 2.27 0.00	43.32 1.87 0.00	38.59 1.59 0.00
VISCHER___FERRY HYD 24020	31.01 1.13 0.00	27.54 1.19 0.00	25.30 1.11 0.00	25.23 1.11 0.00	25.41 1.12 0.00	26.31 1.08 0.00	33.82 1.08 0.00	35.09 1.35 0.00	39.83 1.23 0.00	40.71 1.18 0.00	41.78 0.94 0.00	42.48 0.75 0.11	42.99 0.77 0.29	45.24 0.89 0.31	48.18 0.96 0.73	52.09 1.31 1.75	52.87 1.20 0.52	58.36 1.86 0.00	59.91 1.91 0.00	57.64 1.63 0.00	56.86 1.28 0.00	49.42 1.16 0.00	42.45 0.99 0.00	37.96 0.96 0.00
V_A_10_SYNC_DSASP 323832	30.11 0.24 0.00	26.41 0.05 0.00	24.09 -0.10 0.00	23.91 -0.22 0.00	24.05 -0.24 0.00	25.05 -0.18 0.00	32.02 -0.72 0.00	33.44 -0.30 0.00	37.83 -0.77 0.00	38.82 -0.71 0.00	39.65 -1.18 0.00	40.49 -1.34 0.00	41.32 -1.19 0.00	43.71 -0.94 0.00	47.04 -0.91 0.00	50.37 -2.15 0.00	50.31 -1.88 0.00	55.32 -1.19 0.00	57.59 -0.41 0.00	55.51 -0.50 0.00	54.24 -1.33 0.00	47.15 -1.11 0.00	40.25 -1.20 0.00	36.26 -0.74 0.00
V_CMM_10_SYNC_DSASP 323787	29.55 -0.33 0.00	25.93 -0.42 0.00	23.85 -0.34 0.00	23.76 -0.36 0.00	23.95 -0.34 0.00	24.87 -0.35 0.00	32.61 -0.13 0.00	33.40 -0.34 0.00	38.52 -0.08 0.00	39.45 -0.08 0.00	40.92 0.08 0.00	42.08 0.25 0.00	42.77 0.26 0.00	44.88 0.22 0.00	48.10 0.14 0.00	52.74 0.21 0.00	52.40 0.21 0.00	56.22 -0.28 0.00	57.53 -0.47 0.00	55.85 -0.17 0.00	55.86 0.28 0.00	48.50 0.24 0.00	41.83 0.37 0.00	37.33 0.33 0.00
V_CMP_10_SYNC_DSASP 323788	29.58 -0.30 0.00	25.96 -0.39 0.00	23.87 -0.32 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.97 -0.25 0.00	32.81 0.07 0.00	33.71 -0.03 0.00	38.87 0.27 0.00	39.84 0.31 0.00	41.41 0.57 0.00	42.62 0.79 0.00	42.98 0.47 0.00	44.83 0.18 0.00	48.05 0.10 0.00	52.79 0.26 0.00	52.51 0.32 0.00	56.39 -0.11 0.00	57.83 -0.17 0.00	56.19 0.17 0.00	56.08 0.50 0.00	48.70 0.43 0.00	42.16 0.70 0.00	37.89 0.89 0.00
V_D_10_SYNC_DSASP 323841	29.67 -0.21 0.00	26.07 -0.29 0.00	23.95 -0.24 0.00	23.88 -0.24 0.00	24.07 -0.22 0.00	25.02 -0.20 0.00	32.81 0.07 0.00	33.64 -0.10 0.00	38.75 0.16 0.00	39.65 0.12 0.00	41.13 0.29 0.00	42.37 0.54 0.00	43.06 0.55 0.00	45.19 0.54 0.00	48.38 0.43 0.00	53.05 0.53 0.00	52.71 0.52 0.00	56.50 0.00 0.00	57.83 -0.17 0.00	56.19 0.17 0.00	56.13 0.56 0.00	48.84 0.58 0.00	42.12 0.66 0.00	37.59 0.59 0.00
V_E_10_SYNC_DSASP 323830	31.64 1.76 0.00	27.96 1.61 0.00	25.69 1.50 0.00	25.55 1.42 0.00	25.89 1.60 0.00	27.22 1.99 0.00	35.33 2.59 0.00	36.98 3.24 0.00	41.88 3.28 0.00	42.65 3.12 0.00	43.98 3.14 0.00	44.88 3.05 0.00	45.61 3.10 0.00	47.91 3.26 0.00	51.45 3.50 0.00	56.20 3.68 0.00	56.52 4.33 0.00	61.93 5.42 0.00	64.67 6.67 0.00	62.13 6.11 0.00	61.25 5.67 0.00	53.13 4.87 0.00	44.98 3.52 0.00	39.63 2.63 0.00

V_F_30_NSYNC___DSASP 323816	31.31 1.43 0.00	27.81 1.45 0.00	25.49 1.31 0.00	25.42 1.30 0.00	25.55 1.26 0.00	26.49 1.26 0.00	34.09 1.34 0.00	35.33 1.59 0.00	40.18 1.58 0.00	40.99 1.46 0.00	42.06 1.22 0.00	42.83 1.09 0.08	43.39 1.10 0.22	45.62 1.21 0.23	48.69 1.30 0.56	52.87 1.68 1.33	53.51 1.72 0.40	58.93 2.43 0.00	60.67 2.67 0.00	58.37 2.35 0.00	57.69 2.11 0.00	50.14 1.88 0.00	42.95 1.49 0.00	38.44 1.44 0.00
V_F_30_SYNC_DSASP 323786	30.65 0.78 0.00	27.25 0.90 0.00	25.01 0.82 0.00	24.94 0.82 0.00	25.09 0.80 0.00	26.03 0.81 0.00	33.46 0.72 0.00	34.75 1.01 0.00	39.41 0.81 0.00	40.28 0.75 0.00	41.45 0.61 0.00	42.34 0.59 0.07	42.87 0.55 0.19	44.90 0.45 0.20	47.95 0.48 0.48	52.15 0.79 1.16	52.58 0.73 0.35	57.69 1.19 0.00	59.22 1.22 0.00	56.97 0.95 0.00	56.13 0.56 0.00	48.79 0.53 0.00	41.95 0.50 0.00	37.48 0.48 0.00
V_XM_10_SYNC_DSASP 323789	29.58 -0.30 0.00	25.96 -0.39 0.00	23.87 -0.32 0.00	23.81 -0.31 0.00	24.00 -0.29 0.00	24.97 -0.25 0.00	32.81 0.07 0.00	33.71 -0.03 0.00	38.87 0.27 0.00	39.84 0.31 0.00	41.41 0.57 0.00	42.62 0.79 0.00	42.98 0.47 0.00	44.83 0.18 0.00	48.05 0.10 0.00	52.79 0.26 0.00	52.51 0.32 0.00	56.39 -0.11 0.00	57.83 -0.17 0.00	56.19 0.17 0.00	56.08 0.50 0.00	48.70 0.43 0.00	42.16 0.70 0.00	37.89 0.89 0.00
W.BABYLN_69_KV_BK1 56697	41.96 2.51 -9.58	38.75 2.45 -9.94	33.30 2.25 -6.86	31.22 2.27 -4.83	32.88 2.38 -6.21	35.04 2.40 -7.41	37.95 2.75 -2.46	41.48 3.34 -4.40	42.08 3.47 -0.01	43.21 3.68 -0.01	44.36 3.51 -0.01	45.37 3.43 -0.11	46.00 3.19 -0.30	47.13 2.19 -0.29	51.11 2.45 -0.71	57.58 3.31 -1.74	59.54 3.24 -4.11	64.18 4.07 -3.61	65.53 4.00 -3.53	60.02 3.31 -0.69	58.14 2.56 0.00	50.58 2.32 0.00	44.81 2.16 -1.20	40.46 2.52 -0.94
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.55 1.67 0.00	28.02 1.66 0.00	25.69 1.50 0.00	25.64 1.52 0.00	25.87 1.58 0.00	26.81 1.59 0.00	34.67 1.93 0.00	36.34 2.60 0.00	41.26 2.66 0.00	42.37 2.85 0.00	43.53 2.70 0.00	44.60 2.68 -0.10	45.42 2.64 -0.28	47.57 2.63 -0.29	51.42 2.78 -0.68	57.58 3.41 -1.64	55.91 3.24 -0.49	60.57 4.07 0.00	61.71 3.71 0.00	58.93 2.91 0.00	57.86 2.28 0.00	50.05 1.79 0.00	43.28 1.82 0.00	38.74 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.79 1.91 0.00	28.20 1.84 0.00	25.86 1.67 0.00	25.81 1.69 0.00	26.06 1.77 0.00	27.02 1.79 0.00	34.87 2.13 0.00	36.54 2.80 0.00	41.53 2.93 0.00	42.65 3.12 0.00	43.90 3.06 0.00	44.90 2.97 -0.10	45.65 2.85 -0.29	47.77 2.81 -0.30	51.65 2.97 -0.72	57.83 3.57 -1.73	55.94 3.24 -0.52	60.63 4.12 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.97 2.39 0.00	50.14 1.88 0.00	43.53 2.07 0.00	39.00 2.00 0.00
W50THST__13_KV_LOAD 356117	31.94 2.06 0.00	28.33 1.98 0.00	25.95 1.77 0.00	25.93 1.81 0.00	26.18 1.89 0.00	27.14 1.92 0.00	35.03 2.29 0.00	36.78 3.04 0.00	41.80 3.20 0.00	42.93 3.40 0.00	44.19 3.35 0.00	45.20 3.26 -0.10	45.99 3.19 -0.29	48.08 3.13 -0.30	52.03 3.36 -0.72	58.20 3.94 -1.73	56.36 3.65 -0.52	61.08 4.58 0.00	62.35 4.35 0.00	59.55 3.53 0.00	58.30 2.72 0.00	50.43 2.17 0.00	43.74 2.28 0.00	39.18 2.18 0.00
WADING RIVER_IC_1 23522	40.46 1.91 -8.68	37.52 2.16 -9.00	32.38 1.98 -6.21	30.53 2.03 -4.38	32.12 2.21 -5.62	34.06 2.12 -6.72	37.03 2.06 -2.22	40.29 2.56 -3.98	41.23 2.63 -0.01	42.38 2.85 -0.01	43.13 2.29 -0.01	42.32 0.38 -0.11	43.15 0.34 -0.30	46.15 1.21 -0.29	50.25 1.58 -0.71	56.63 2.37 -1.74	56.65 2.29 -2.17	61.37 3.22 -1.65	62.75 3.13 -1.62	58.58 2.24 -0.32	57.08 1.50 0.00	49.61 1.35 0.00	43.21 1.20 -0.55	39.25 1.81 -0.44
WADING RIVER_IC_2 23547	40.46 1.91 -8.68	37.52 2.16 -9.00	32.38 1.98 -6.21	30.53 2.03 -4.38	32.12 2.21 -5.62	34.06 2.12 -6.72	37.03 2.06 -2.22	40.29 2.56 -3.98	41.23 2.63 -0.01	42.38 2.85 -0.01	43.13 2.29 -0.01	42.32 0.38 -0.11	43.15 0.34 -0.30	46.15 1.21 -0.29	50.25 1.58 -0.71	56.63 2.37 -1.74	56.65 2.29 -2.17	61.37 3.22 -1.65	62.75 3.13 -1.62	58.58 2.24 -0.32	57.08 1.50 0.00	49.61 1.35 0.00	43.21 1.20 -0.55	39.25 1.81 -0.44
WADING RIVER_IC_3 23601	40.46 1.91 -8.68	37.52 2.16 -9.00	32.38 1.98 -6.21	30.53 2.03 -4.38	32.12 2.21 -5.62	34.06 2.12 -6.72	37.03 2.06 -2.22	40.29 2.56 -3.98	41.23 2.63 -0.01	42.38 2.85 -0.01	43.13 2.29 -0.01	42.32 0.38 -0.11	43.15 0.34 -0.30	46.15 1.21 -0.29	50.25 1.58 -0.71	56.63 2.37 -1.74	56.65 2.29 -2.17	61.37 3.22 -1.65	62.75 3.13 -1.62	58.58 2.24 -0.32	57.08 1.50 0.00	49.61 1.35 0.00	43.21 1.20 -0.55	39.25 1.81 -0.44
WALDENNY_12_KV_BK2 80841	30.59 0.72 0.00	26.78 0.42 0.00	24.45 0.27 0.00	24.24 0.12 0.00	24.41 0.12 0.00	25.45 0.23 0.00	32.48 -0.26 0.00	34.38 0.64 0.00	38.87 0.27 0.00	39.88 0.36 0.00	40.80 -0.04 0.00	41.24 -0.59 0.00	42.17 -0.34 0.00	44.70 0.04 0.00	48.19 0.24 0.00	51.47 -1.05 0.00	51.41 -0.78 0.00	56.62 0.11 0.00	58.99 0.99 0.00	56.69 0.67 0.00	55.08 -0.50 0.00	47.92 -0.34 0.00	40.79 -0.66 0.00	36.74 -0.26 0.00
WALDEN__HYDRO 24148	31.40 1.52 0.00	27.86 1.50 0.00	25.57 1.38 0.00	25.52 1.40 0.00	25.75 1.46 0.00	26.69 1.46 0.00	34.38 1.64 0.00	36.00 2.26 0.00	40.88 2.28 0.00	41.90 2.37 0.00	43.04 2.21 0.00	44.09 2.18 -0.09	44.88 2.13 -0.24	47.04 2.14 -0.25	50.80 2.25 -0.59	56.78 2.84 -1.41	55.33 2.71 -0.42	60.01 3.50 0.00	61.48 3.48 0.00	58.76 2.74 0.00	57.75 2.17 0.00	49.95 1.69 0.00	43.16 1.70 0.00	38.59 1.59 0.00
WARRENSBURG____ 23737	31.01 1.14 0.00	27.62 1.27 0.00	25.28 1.09 0.00	25.21 1.09 0.00	25.33 1.04 0.00	26.18 0.96 0.00	33.63 0.88 0.00	34.82 1.08 0.00	39.60 1.00 0.00	40.24 0.71 0.00	41.41 0.57 0.00	42.30 0.54 0.08	42.77 0.47 0.21	44.79 0.36 0.22	47.86 0.43 0.52	52.06 0.79 1.25	52.76 0.94 0.37	58.08 1.58 0.00	59.91 1.91 0.00	57.70 1.68 0.00	56.97 1.39 0.00	49.56 1.30 0.00	42.33 0.87 0.00	38.22 1.22 0.00
WATERSIDE____6 8 9 23538	31.88 2.00 0.00	28.28 1.92 0.00	25.91 1.72 0.00	25.86 1.74 0.00	26.11 1.82 0.00	27.04 1.82 0.00	34.84 2.10 0.00	36.54 2.80 0.00	41.49 2.89 0.00	42.65 3.12 0.00	43.86 3.02 0.00	44.86 2.93 -0.10	45.57 2.76 -0.29	47.68 2.72 -0.30	51.60 2.93 -0.72	57.62 3.36 -1.73	55.73 3.03 -0.51	60.34 3.84 0.00	61.65 3.65 0.00	58.87 2.86 0.00	57.63 2.06 0.00	49.95 1.69 0.00	43.57 2.11 0.00	39.07 2.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.75 -0.12 0.00	26.30 -0.05 0.00	24.14 -0.05 0.00	24.07 -0.05 0.00	24.27 -0.02 0.00	25.20 -0.03 0.00	32.64 -0.10 0.00	33.77 0.03 0.00	38.56 -0.04 0.00	39.45 -0.08 0.00	40.67 -0.16 0.00	41.66 -0.17 0.00	42.30 -0.21 0.00	44.43 -0.22 0.00	47.71 -0.24 0.00	52.31 -0.21 0.00	52.03 -0.16 0.00	56.39 -0.11 0.00	58.00 0.00 0.00	55.91 -0.11 0.00	55.36 -0.22 0.00	48.02 -0.24 0.00	41.29 -0.17 0.00	36.82 -0.19 0.00

WDELAWARE___HYD 323627	31.16 1.28 0.00	27.65 1.29 0.00	25.35 1.16 0.00	25.28 1.16 0.00	25.50 1.21 0.00	26.44 1.21 0.00	34.15 1.41 0.00	36.04 2.30 0.00	40.95 2.35 0.00	41.98 2.45 0.00	42.92 2.08 0.00	43.74 1.84 -0.07	44.67 1.96 -0.20	47.14 2.28 -0.21	50.94 2.49 -0.50	56.81 3.10 -1.19	55.62 3.08 -0.35	60.57 4.07 0.00	62.29 4.29 0.00	59.38 3.36 0.00	58.47 2.89 0.00	50.58 2.32 0.00	43.49 2.03 0.00	38.74 1.74 0.00
WEST BABYLON___IC 23714	41.96 2.51 -9.58	38.75 2.45 -9.94	33.30 2.25 -6.86	31.22 2.27 -4.83	32.88 2.38 -6.21	35.04 2.40 -7.41	37.95 2.75 -2.46	41.48 3.34 -4.40	42.08 3.47 -0.01	43.21 3.68 -0.01	44.36 3.51 -0.01	45.37 3.43 -0.11	46.00 3.19 -0.30	47.13 2.19 -0.29	51.11 2.45 -0.71	57.58 3.31 -1.74	59.54 3.24 -4.11	64.18 4.07 -3.61	65.53 4.00 -3.53	60.02 3.31 -0.69	58.14 2.56 0.00	50.58 2.32 0.00	44.81 2.16 -1.20	40.46 2.52 -0.94
WEST CANADA___HYD 24049	29.99 0.12 0.00	26.52 0.16 0.00	24.33 0.15 0.00	24.29 0.17 0.00	24.46 0.17 0.00	25.38 0.15 0.00	32.87 0.13 0.00	33.98 0.24 0.00	38.79 0.19 0.00	39.69 0.16 0.00	40.92 0.08 0.00	41.87 0.04 0.00	42.56 0.04 0.00	44.74 0.09 0.00	48.05 0.10 0.00	52.68 0.16 0.00	52.35 0.16 0.00	56.79 0.28 0.00	58.35 0.35 0.00	56.24 0.22 0.00	55.69 0.11 0.00	48.36 0.10 0.00	41.54 0.08 0.00	37.04 0.04 0.00
WESTERN_NY_WIND 24143	31.22 1.34 0.00	27.28 0.92 0.00	24.91 0.73 0.00	24.68 0.55 0.00	24.85 0.56 0.00	25.88 0.66 0.00	33.10 0.36 0.00	34.69 0.94 0.00	39.10 0.50 0.00	40.24 0.71 0.00	41.16 0.33 0.00	42.04 0.21 0.00	42.98 0.47 0.00	45.50 0.85 0.00	49.01 1.05 0.00	52.26 -0.26 0.00	52.35 0.16 0.00	57.80 1.30 0.00	60.38 2.38 0.00	58.48 2.46 0.00	57.14 1.56 0.00	49.61 1.35 0.00	42.16 0.70 0.00	37.85 0.85 0.00
WESTOVER___LESR 323668	30.41 0.54 0.00	26.86 0.50 0.00	24.62 0.44 0.00	24.53 0.41 0.00	24.68 0.39 0.00	25.68 0.45 0.00	33.14 0.39 0.00	34.58 0.84 0.00	39.25 0.66 0.00	40.24 0.71 0.00	41.37 0.53 0.00	42.12 0.29 0.00	42.85 0.34 0.00	45.19 0.54 0.00	48.62 0.67 0.00	52.94 0.42 0.00	52.71 0.52 0.00	57.63 1.13 0.00	59.57 1.57 0.00	57.25 1.23 0.00	56.30 0.72 0.00	48.94 0.68 0.00	41.83 0.37 0.00	37.30 0.30 0.00
WETHRSFD_WT_PWR 323626	30.20 0.33 0.00	26.52 0.16 0.00	24.24 0.05 0.00	24.07 -0.05 0.00	24.24 -0.05 0.00	25.48 0.25 0.00	32.38 -0.36 0.00	33.94 0.20 0.00	38.29 -0.31 0.00	39.21 -0.32 0.00	40.72 -0.12 0.00	42.12 0.29 0.00	42.85 0.34 0.00	44.43 -0.22 0.00	47.71 -0.24 0.00	51.26 -1.26 0.00	51.41 -0.78 0.00	56.33 -0.17 0.00	58.70 0.70 0.00	56.58 0.56 0.00	55.36 -0.22 0.00	48.12 -0.14 0.00	40.88 -0.58 0.00	36.52 -0.48 0.00
WHAVSTOR_138KV_BK127 55557	31.46 1.58 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.45 1.70 0.00	36.10 2.36 0.00	40.99 2.39 0.00	42.06 2.53 0.00	43.25 2.41 0.00	44.27 2.34 -0.10	45.04 2.25 -0.28	47.18 2.23 -0.29	50.99 2.35 -0.69	57.12 2.94 -1.65	55.40 2.71 -0.49	60.06 3.56 0.00	61.42 3.42 0.00	58.65 2.63 0.00	57.52 1.95 0.00	49.81 1.54 0.00	43.12 1.66 0.00	38.59 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.46 1.58 0.00	27.94 1.58 0.00	25.62 1.43 0.00	25.57 1.45 0.00	25.80 1.51 0.00	26.74 1.51 0.00	34.45 1.70 0.00	36.10 2.36 0.00	40.99 2.39 0.00	42.06 2.53 0.00	43.25 2.41 0.00	44.27 2.34 -0.10	45.04 2.25 -0.28	47.18 2.23 -0.29	50.99 2.35 -0.69	57.12 2.94 -1.65	55.40 2.71 -0.49	60.06 3.56 0.00	61.42 3.42 0.00	58.65 2.63 0.00	57.52 1.95 0.00	49.81 1.54 0.00	43.12 1.66 0.00	38.59 1.59 0.00
WHITEHAL_115KV_TB1 80871	31.28 1.40 0.00	27.86 1.50 0.00	25.40 1.21 0.00	25.33 1.21 0.00	25.46 1.17 0.00	26.44 1.21 0.00	33.92 1.18 0.00	35.09 1.35 0.00	39.99 1.39 0.00	40.40 0.87 0.00	41.57 0.74 0.00	42.51 0.75 0.08	42.98 0.68 0.21	45.01 0.58 0.22	48.15 0.72 0.52	52.38 1.10 1.25	53.38 1.57 0.37	58.99 2.49 0.00	61.13 3.13 0.00	58.93 2.91 0.00	58.30 2.72 0.00	50.77 2.51 0.00	43.03 1.58 0.00	38.70 1.70 0.00
WHITEPLN_13_KV_LOAD 356215	31.82 1.94 0.00	28.25 1.90 0.00	25.91 1.72 0.00	25.86 1.74 0.00	26.14 1.85 0.00	27.07 1.84 0.00	34.90 2.16 0.00	36.61 2.87 0.00	41.57 2.97 0.00	42.69 3.16 0.00	43.94 3.10 0.00	45.03 3.10 -0.10	45.82 3.02 -0.29	48.08 3.13 -0.30	52.08 3.40 -0.72	58.46 4.20 -1.73	56.78 4.07 -0.51	61.47 4.97 0.00	62.81 4.81 0.00	59.83 3.81 0.00	58.64 3.06 0.00	50.53 2.27 0.00	43.74 2.28 0.00	39.15 2.15 0.00
WM_FLOYD_69_KV_BK2 356380	40.75 2.18 -8.69	37.67 2.29 -9.02	32.54 2.13 -6.23	30.66 2.15 -4.39	32.23 2.31 -5.63	34.23 2.27 -6.73	37.36 2.39 -2.23	40.64 2.90 -3.99	41.58 2.97 -0.01	42.74 3.20 -0.01	43.83 2.98 -0.01	44.83 2.89 -0.11	45.45 2.64 -0.30	46.46 1.52 -0.29	50.49 1.82 -0.71	56.94 2.68 -1.74	57.05 2.66 -2.20	61.75 3.56 -1.69	63.13 3.48 -1.65	59.09 2.74 -0.33	57.47 1.89 0.00	49.95 1.69 0.00	43.59 1.58 -0.56	39.60 2.15 -0.45
WOODARD___115KV_TB2 355635	29.84 -0.03 0.00	26.36 0.00 0.00	24.16 -0.02 0.00	24.07 -0.05 0.00	24.22 -0.07 0.00	25.20 -0.03 0.00	32.61 -0.13 0.00	33.67 -0.07 0.00	38.41 -0.19 0.00	39.37 -0.16 0.00	40.59 -0.25 0.00	41.45 -0.38 0.00	42.17 -0.34 0.00	44.38 -0.27 0.00	47.71 -0.24 0.00	52.05 -0.47 0.00	51.77 -0.42 0.00	56.45 -0.06 0.00	58.17 0.17 0.00	56.07 0.06 0.00	55.30 -0.28 0.00	48.02 -0.24 0.00	41.08 -0.37 0.00	36.63 -0.37 0.00
WOODMERE_69_KV_BK1 55827	46.20 2.27 -14.05	43.13 2.19 -14.58	36.26 2.01 -10.06	33.24 2.03 -7.09	35.51 2.11 -9.10	38.25 2.14 -10.88	38.80 2.46 -3.60	43.30 3.10 -6.46	41.85 3.24 -0.01	43.02 3.48 -0.01	44.16 3.31 -0.01	45.17 3.22 -0.12	45.92 3.10 -0.31	47.58 2.63 -0.30	51.59 2.93 -0.72	58.05 3.78 -1.75	83.20 3.50 -27.52	87.96 4.41 -27.05	88.75 4.29 -26.46	64.82 3.64 -5.16	58.64 3.06 0.00	50.77 2.51 0.00	52.62 2.57 -8.60	46.05 2.37 -6.69
YORK___WARBASSE 23770	32.06 2.18 0.00	28.41 2.06 0.00	26.00 1.81 0.00	25.96 1.83 0.00	26.21 1.92 0.00	27.12 1.89 0.00	34.97 2.23 0.00	36.71 2.97 0.00	41.69 3.09 0.00	42.86 3.32 -0.01	44.07 3.23 -0.01	45.03 3.10 -0.10	45.74 2.93 -0.29	47.90 2.95 -0.30	51.84 3.16 -0.72	57.93 3.68 -1.73	56.05 3.34 -0.52	60.68 4.18 0.00	61.94 3.94 0.00	59.16 3.14 0.00	57.91 2.33 0.00	50.14 1.88 0.00	43.82 2.36 0.00	39.34 2.33 -0.01