

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/01/2023		
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	32.54	29.31	28.11	27.63	28.78	31.36	38.46	42.44	37.21	36.46	34.99	34.82	35.10	35.15	35.35	35.88	38.57	42.79	37.64	35.24	33.47	31.66	30.47	30.51									
		1.25	1.29	1.32	1.55	1.65	1.72	2.78	3.15	3.01	2.61	2.38	2.34	2.30	2.14	2.13	2.13	3.06	3.17	2.88	2.18	2.13	1.91	1.83	1.37									
		-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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									
74TH STREET_GT_1	24260	32.58	29.33	28.11	27.68	28.78	31.36	38.42	42.44	37.21	36.46	34.99	34.82	35.11	35.15	35.35	35.91	38.61	42.79	37.68	35.24	33.50	31.66	30.46	30.57									
		1.28	1.31	1.32	1.61	1.65	1.72	2.75	3.15	3.01	2.61	2.38	2.34	2.30	2.15	2.13	2.16	3.09	3.17	2.92	2.18	2.16	1.90	1.83	1.43									
		-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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									
74TH STREET_GT_2	24261	32.58	29.33	28.11	27.68	28.78	31.36	38.42	42.44	37.21	36.46	34.99	34.82	35.11	35.15	35.35	35.91	38.61	42.79	37.68	35.24	33.50	31.66	30.46	30.57									
		1.28	1.31	1.32	1.61	1.65	1.72	2.75	3.15	3.01	2.61	2.38	2.34	2.30	2.15	2.13	2.16	3.09	3.17	2.92	2.18	2.16	1.90	1.83	1.43									
		-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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									
ADK HUDSON___FALLS	24011	35.78	31.36	29.62	27.33	28.32	30.94	37.74	42.10	36.20	35.44	34.07	34.13	34.35	34.59	34.88	35.44	37.72	41.96	36.64	35.18	33.31	31.63	30.38	30.57									
		0.86	0.82	0.85	1.10	1.19	1.30	2.07	2.19	1.98	1.59	1.47	1.66	1.54	1.58	1.66	1.69	2.20	2.34	1.88	2.12	1.97	1.87	1.75	1.43									
		-16.61	-11.58	-9.10	-0.75	0.00	0.00	0.00	-2.85	-0.04	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									
ADK RESOURCE___RCVRY	23798	35.86	31.45	29.68	27.43	28.45	31.09	37.99	42.32	36.40	35.61	34.27	34.36	34.58	34.82	35.12	35.64	37.83	42.16	36.74	35.34	33.50	31.78	30.52	30.68									
		0.93	0.89	0.91	1.20	1.33	1.45	2.32	2.41	2.19	1.76	1.66	1.88	1.77	1.81	1.89	1.89	2.31	2.54	1.98	2.28	2.16	2.02	1.89	1.54									
		-16.62	-11.59	-9.11	-0.75	0.00	0.00	0.00	-2.85	-0.04	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									
ADK S GLENS___FALLS	24028	35.78	31.36	29.62	27.33	28.32	30.94	37.74	42.10	36.20	35.44	34.07	34.13	34.35	34.59	34.88	35.44	37.72	41.96	36.64	35.18	33.31	31.63	30.38	30.57									
		0.86	0.82	0.85	1.10	1.19	1.30	2.07	2.19	1.98	1.59	1.47	1.66	1.54	1.58	1.66	1.69	2.20	2.34	1.88	2.12	1.97	1.87	1.75	1.43									
		-16.61	-11.58	-9.10	-0.75	0.00	0.00	0.00	-2.85	-0.04	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									
ADK_NYS___DAM	23527	35.42	31.26	29.59	27.66	28.70	31.30	38.06	42.52	36.71	35.81	34.20	34.00	34.25	34.39	34.79	35.47	38.04	42.35	37.19	34.85	32.94	31.24	30.06	30.25									
		1.06	1.10	1.12	1.45	1.57	1.66	2.39	2.70	2.49	1.96	1.60	1.53	1.44	1.39	1.56	1.72	2.52	2.73	2.43	1.78	1.60	1.49	1.43	1.11									
		-16.05	-11.19	-8.80	-0.72	0.00	0.00	0.00	-2.76	-0.04	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									
AIR_PRODUCTS___DRP	24190	34.85	30.69	29.07	26.98	27.91	30.35	36.60	40.95	35.24	34.53	33.10	32.93	33.20	33.34	33.66	34.29	36.62	40.69	35.66	33.56	31.81	30.20	29.15	29.25									
		0.37	0.44	0.53	0.76	0.79	0.71	0.93	1.11	1.03	0.68	0.49	0.45	0.39	0.33	0.43	0.54	1.10	1.07	0.90	0.50	0.47	0.45	0.52	0.12									
		-16.18	-11.28	-8.87	-0.73	0.00	0.00	0.00	-2.78	-0.04	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									
AKWESSNE_115KV_BK	355683	18.05	18.68	19.40	25.23	26.88	29.43	34.96	36.50	33.73	33.75	32.61	32.54	32.91	33.21	33.39	33.82	35.06	39.15	34.34	33.03	31.34	29.87	28.72	29.28									
		-0.26	-0.28	-0.28	-0.25	-0.24	-0.21	-0.71	-0.56	-0.44	-0.10	0.00	0.06	0.10	0.20	0.17	0.07	-0.46	-0.48	-0.42	-0.03	0.00	0.12	0.09	0.15									
		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	23571	34.85	30.69	29.07	26.98	27.91	30.35	36.60	40.95	35.24	34.53	33.10	32.93	33.20	33.34	33.66	34.29	36.62	40.69	35.66	33.56	31.81	30.20	29.15	29.25									
		0.37	0.44	0.53	0.76	0.79	0.71	0.93	1.11	1.03	0.68	0.49	0.45	0.39	0.33	0.43	0.54	1.10	1.07	0.90	0.50	0.47	0.45	0.52	0.12									
		-16.18	-11.28	-8.87	-0.73	0.00	0.00	0.00	-2.78	-0.04	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___2	23572	34.85	30.69	29.07	26.98	27.91	30.35	36.60	40.95	35.24	34.53	33.10	32.93	33.20	33.34	33.66	34.29	36.62	40.69	35.66	33.56	31.81	30.20	29.15	29.25									
		0.37	0.44	0.53	0.76	0.79	0.71	0.93	1.11	1.03	0.68	0.49	0.45	0.39	0.33	0.43	0.54	1.10	1.07	0.90	0.50	0.47	0.45	0.52	0.12									
		-16.18	-11.28	-8.87	-0.73	0.00	0.00	0.00	-2.78	-0.04	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___3	23573	34.85	30.69	29.07	26.98	27.91	30.35	36.60	40.95	35.24	34.53	33.10	32.93	33.20	33.34	33.66	34.29	36.62	40.69	35.66	33.56	31.81	30.20	29.15	29.25									
		0.37	0.44	0.53	0.76	0.79	0.71	0.93	1.11	1.03	0.68	0.49	0.45	0.39	0.33	0.43	0.54	1.10	1.07	0.90	0.50	0.47	0.45	0.52	0.12									
		-16.18	-11.28	-8.87	-0.73	0.00	0.00	0.00	-2.78	-0.04	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___4 23574	34.85 0.37 -16.18	30.69 0.44 -11.28	29.07 0.53 -8.87	26.98 0.76 -0.73	27.91 0.79 0.00	30.35 0.71 0.00	36.60 0.93 0.00	40.95 1.11 -2.78	35.24 1.03 -0.04	34.53 0.68 0.00	33.10 0.49 0.00	32.93 0.45 0.00	33.20 0.39 0.00	33.34 0.33 0.00	33.66 0.43 0.00	34.29 0.54 0.00	36.62 1.10 0.00	40.69 1.07 0.00	35.66 0.90 0.00	33.56 0.50 0.00	31.81 0.47 0.00	30.20 0.45 0.00	29.15 0.52 0.00	29.25 0.12 0.00
ALBANY___LFGE 323615	35.15 0.55 -16.30	30.94 0.61 -11.37	29.29 0.69 -8.93	27.19 0.97 -0.73	28.15 1.03 0.00	30.62 0.98 0.00	36.99 1.32 0.00	41.34 1.48 -2.80	35.62 1.40 -0.04	34.87 1.01 0.00	33.45 0.85 0.00	33.29 0.81 0.00	33.53 0.72 0.00	33.70 0.69 0.00	34.02 0.80 0.00	34.63 0.88 0.00	36.98 1.46 0.00	41.13 1.51 0.00	36.04 1.29 0.00	33.89 0.83 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.41 0.77 0.00	29.52 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	18.79 -0.16 -0.65	19.25 -0.19 -0.47	19.49 -0.18 0.00	25.36 -0.13 0.00	27.04 -0.08 0.00	29.64 0.00 0.00	35.14 -0.54 0.00	36.73 -0.33 0.00	33.94 -0.24 0.00	34.02 0.17 0.00	32.90 0.29 0.00	32.87 0.39 0.00	33.30 0.49 0.00	33.64 0.63 0.00	33.79 0.56 0.00	34.22 0.47 0.00	35.38 -0.14 0.00	39.58 -0.04 0.00	34.48 -0.28 0.00	33.13 0.07 0.00	31.46 0.13 0.00	30.11 0.36 0.00	28.95 0.31 0.00	29.55 0.41 0.00
ALCOA_RYNLDS___DRP 24188	18.79 -0.16 -0.65	19.25 -0.19 -0.47	19.49 -0.18 0.00	25.36 -0.13 0.00	27.04 -0.08 0.00	29.64 0.00 0.00	35.14 -0.54 0.00	36.73 -0.33 0.00	33.94 -0.24 0.00	34.02 0.17 0.00	32.90 0.29 0.00	32.87 0.39 0.00	33.30 0.49 0.00	33.64 0.63 0.00	33.79 0.56 0.00	34.22 0.47 0.00	35.38 -0.14 0.00	39.58 -0.04 0.00	34.48 -0.28 0.00	33.13 0.07 0.00	31.46 0.13 0.00	30.11 0.36 0.00	28.95 0.31 0.00	29.55 0.41 0.00
ALCOA___DSASP 323711	18.79 -0.17 -0.65	19.25 -0.19 -0.47	19.49 -0.18 0.00	25.36 -0.13 0.00	27.04 -0.08 0.00	29.64 0.00 0.00	35.14 -0.53 0.00	36.73 -0.33 0.00	33.94 -0.24 0.00	34.02 0.17 0.00	32.90 0.29 0.00	32.87 0.39 0.00	33.30 0.49 0.00	33.63 0.63 0.00	33.79 0.56 0.00	34.39 0.64 0.00	35.55 0.04 0.00	39.58 -0.04 0.00	34.48 -0.28 0.00	33.13 0.07 0.00	31.46 0.13 0.00	30.11 0.36 0.00	28.95 0.32 0.00	29.55 0.41 0.00
ALLEGHENY___COGEN 23514	21.67 0.09 -3.27	21.39 0.15 -2.28	21.58 0.12 -1.79	25.69 0.05 -0.15	27.61 0.49 0.00	30.65 1.01 0.00	37.56 1.89 0.00	39.18 1.56 -0.56	35.55 1.37 -0.01	34.93 1.08 0.00	33.62 1.01 0.00	33.45 0.97 0.00	33.99 1.18 0.00	34.39 1.39 0.00	34.55 1.33 0.00	35.23 1.48 0.00	37.29 1.78 0.00	42.24 2.61 0.00	36.74 1.98 0.00	34.71 1.65 0.00	32.65 1.32 0.00	30.91 1.16 0.00	29.63 1.00 0.00	30.57 1.43 0.00
ALTAMONT_115KV_TB 2 55880	35.14 0.62 -16.21	30.93 0.66 -11.30	29.24 0.69 -8.88	27.14 0.92 -0.73	28.10 0.98 0.00	30.62 0.98 0.00	37.06 1.39 0.00	41.40 1.56 -2.78	35.65 1.44 -0.04	34.97 1.12 0.00	33.55 0.95 0.00	33.39 0.91 0.00	33.66 0.85 0.00	33.80 0.79 0.00	34.12 0.90 0.00	34.73 0.98 0.00	37.05 1.53 0.00	41.21 1.58 0.00	36.11 1.36 0.00	34.02 0.96 0.00	32.25 0.91 0.00	30.62 0.86 0.00	29.46 0.83 0.00	29.72 0.58 0.00
ALTONA_WT_PWR 323606	-6.96 -0.91 24.35	0.34 -0.97 17.66	18.69 -0.98 0.00	24.57 -0.92 0.00	26.45 -0.68 0.00	29.20 -0.44 0.00	34.89 -0.78 0.00	36.39 -0.74 -0.07	35.03 0.85 0.00	37.98 4.13 0.00	37.86 5.25 0.00	40.24 7.76 0.00	41.93 9.12 0.00	44.86 11.85 0.00	43.66 10.43 0.00	46.10 12.35 0.00	46.96 11.44 0.00	51.31 11.69 0.00	35.38 0.63 0.00	33.89 0.83 0.00	32.56 1.22 0.00	30.97 1.22 0.00	29.69 1.06 0.00	30.33 1.20 0.00
AMERICAN_REF_FUEL 24010	20.15 -1.17 -3.02	19.97 -1.10 -2.10	20.14 -1.18 -1.65	23.81 -1.81 -0.14	25.66 -1.47 0.00	28.40 -1.24 0.00	34.50 -1.18 0.00	35.10 -2.48 -0.52	31.93 -2.26 -0.01	31.45 -2.40 0.00	30.45 -2.15 0.00	30.33 -2.14 0.00	30.74 -2.07 0.00	31.09 -1.92 0.00	31.13 -2.09 0.00	31.76 -1.99 0.00	33.32 -2.20 0.00	37.72 -1.90 0.00	32.88 -1.88 0.00	31.08 -1.98 0.00	29.24 -2.10 0.00	27.82 -1.93 0.00	26.80 -1.83 0.00	28.03 -1.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.41 -1.15 -3.26	20.16 -1.08 -2.27	20.38 -1.08 -1.79	24.11 -1.53 -0.15	26.34 -0.79 0.00	29.22 -0.41 0.00	35.78 0.11 0.00	36.21 -1.41 -0.56	33.36 -0.82 -0.01	32.84 -1.01 0.00	31.76 -0.85 0.00	31.73 -0.75 0.00	32.28 -0.53 0.00	32.78 -0.23 0.00	32.83 -0.40 0.00	33.58 -0.17 0.00	35.27 -0.25 0.00	39.94 0.32 0.00	34.69 -0.07 0.00	32.70 -0.36 0.00	30.71 -0.63 0.00	29.19 -0.57 0.00	28.03 -0.60 0.00	29.14 0.00 0.00
ARTHUR_KILL_GT_1 23520	32.57 1.28 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.09 1.45 0.00	38.06 2.39 0.00	42.07 2.78 -2.23	36.94 2.74 -0.03	36.22 2.37 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.95 1.95 0.00	35.12 1.89 0.00	35.54 1.79 0.00	38.39 2.88 0.00	42.51 2.89 0.00	37.54 2.78 0.00	35.08 2.02 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.35 1.72 0.00	30.45 1.31 0.00
ARTHUR_KILL_2 23512	32.52 1.23 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.50 1.43 -0.58	28.64 1.52 0.00	31.00 1.36 0.00	37.96 2.29 0.00	41.96 2.67 -2.23	36.84 2.63 -0.03	36.08 2.23 0.00	34.70 2.09 0.00	34.52 2.05 0.00	34.81 2.00 0.00	34.86 1.85 0.00	35.02 1.79 0.00	35.44 1.69 0.00	38.25 2.74 0.00	42.39 2.77 0.00	37.40 2.64 0.00	34.95 1.88 0.00	33.22 1.88 0.00	31.39 1.64 0.00	30.26 1.63 0.00	30.36 1.22 0.00
ARTHUR_KILL_3 23513	32.37 1.08 -12.99	29.14 1.12 -9.06	27.93 1.14 -7.12	27.42 1.35 -0.58	28.53 1.41 0.00	31.09 1.45 0.00	38.13 2.46 0.00	42.07 2.78 -2.23	36.87 2.67 -0.03	36.12 2.27 0.00	34.63 2.02 0.00	34.46 1.98 0.00	34.74 1.94 0.00	34.79 1.78 0.00	35.02 1.79 0.00	35.50 1.75 0.00	38.18 2.67 0.00	42.35 2.73 0.00	37.29 2.54 0.00	34.91 1.85 0.00	33.19 1.85 0.00	31.36 1.61 0.00	30.21 1.57 0.00	30.25 1.11 0.00
ARTHUR_KILL_COGEN 323718	32.57 1.28 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.09 1.45 0.00	38.06 2.39 0.00	42.07 2.78 -2.23	36.94 2.74 -0.03	36.22 2.37 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.95 1.95 0.00	35.12 1.89 0.00	35.54 1.79 0.00	38.39 2.88 0.00	42.51 2.89 0.00	37.54 2.78 0.00	35.08 2.02 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.35 1.72 0.00	30.45 1.31 0.00
ASHOKAN____ 23654	33.18 0.24 -14.63	29.45 0.28 -10.20	28.00 0.31 -8.02	26.58 0.43 -0.66	28.97 1.85 0.00	31.21 1.57 0.00	37.92 2.25 0.00	40.43 0.85 -2.51	36.47 2.26 -0.04	35.41 1.56 0.00	34.08 1.47 0.00	33.81 1.33 0.00	33.92 1.12 0.00	34.13 1.12 0.00	34.62 1.40 0.00	35.30 1.55 0.00	37.94 2.42 0.00	42.28 2.65 0.00	36.95 2.19 0.00	34.65 1.59 0.00	32.84 1.50 0.00	31.21 1.46 0.00	29.89 1.26 0.00	30.19 1.05 0.00

ASTORIA_EAST_ENERGY_CC1 323581	32.56 1.26 -12.99	29.27 1.25 -9.06	28.05 1.26 -7.12	27.52 1.45 -0.58	28.67 1.55 0.00	31.03 1.39 0.00	37.84 2.18 0.01	41.84 2.56 -2.22	36.83 2.63 -0.02	36.11 2.27 0.01	34.69 2.09 0.01	34.52 2.05 0.01	34.80 2.00 0.01	34.85 1.85 0.01	35.04 1.83 0.01	35.50 1.75 0.01	38.21 2.70 0.01	42.39 2.77 0.01	37.36 2.61 0.01	34.94 1.88 0.01	33.21 1.88 0.01	31.29 1.55 0.01	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.56 1.26 -12.99	29.27 1.25 -9.06	28.05 1.26 -7.12	27.52 1.45 -0.58	28.67 1.55 0.00	31.03 1.39 0.00	37.84 2.18 0.01	41.84 2.56 -2.22	36.83 2.63 -0.02	36.11 2.27 0.01	34.69 2.09 0.01	34.52 2.05 0.01	34.80 2.00 0.01	34.85 1.85 0.01	35.04 1.83 0.01	35.50 1.75 0.01	38.21 2.70 0.01	42.39 2.77 0.01	37.36 2.61 0.01	34.94 1.88 0.01	33.21 1.88 0.01	31.29 1.55 0.01	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT2_1 24094	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT2_2 24095	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT2_3 24096	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT2_4 24097	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT3_1 24098	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT3_2 24099	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT3_3 24100	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT3_4 24101	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT4_1 24102	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT4_2 24103	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT4_3 24104	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT4_4 24105	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.89 2.21 0.00	41.88 2.59 -2.23	36.87 2.67 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.05 1.83 0.00	35.57 1.82 0.00	38.29 2.77 0.00	42.40 2.77 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.30 1.55 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT_1 23523	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.58 1.50 -0.58	28.72 1.60 0.00	31.09 1.45 0.00	37.91 2.25 0.01	41.95 2.67 -2.22	36.90 2.70 -0.02	36.21 2.37 0.01	34.78 2.18 0.01	34.61 2.14 0.01	34.90 2.10 0.01	34.95 1.95 0.01	35.11 1.89 0.01	35.60 1.86 0.01	38.32 2.81 0.01	42.50 2.89 0.01	37.43 2.68 0.01	35.04 1.98 0.01	33.27 1.94 0.01	31.35 1.61 0.01	30.47 1.83 0.00	30.57 1.43 0.00

ASTORIA_GT_10 24110	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.22 1.99 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT_11 24225	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.22 1.99 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT_12 24226	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.22 1.99 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT_13 24227	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.22 1.99 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA_GT_5 24106	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.58 1.50 -0.58	28.72 1.60 0.00	31.09 1.45 0.00	37.91 2.25 0.01	41.95 2.67 -2.22	36.90 2.70 -0.02	36.21 2.37 0.01	34.78 2.18 0.01	34.61 2.14 0.01	34.90 2.10 0.01	34.95 1.95 0.01	35.11 1.89 0.01	35.60 1.86 0.01	38.32 2.81 0.01	42.50 2.89 0.01	37.43 2.68 0.01	35.04 1.98 0.01	33.27 1.94 0.01	31.35 1.61 0.01	30.47 1.83 0.00	30.57 1.43 0.00
ASTORIA_GT_7 24107	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.58 1.50 -0.58	28.72 1.60 0.00	31.09 1.45 0.00	37.91 2.25 0.01	41.95 2.67 -2.22	36.90 2.70 -0.02	36.21 2.37 0.01	34.78 2.18 0.01	34.61 2.14 0.01	34.90 2.10 0.01	34.95 1.95 0.01	35.11 1.89 0.01	35.60 1.86 0.01	38.32 2.81 0.01	42.50 2.89 0.01	37.43 2.68 0.01	35.04 1.98 0.01	33.27 1.94 0.01	31.35 1.61 0.01	30.47 1.83 0.00	30.57 1.43 0.00
ASTORIA_GT_8 24108	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.72 1.60 0.00	31.09 1.45 0.00	37.92 2.25 0.00	41.96 2.67 -2.23	36.94 2.73 -0.03	36.22 2.37 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.28 1.94 0.00	31.36 1.61 0.00	30.46 1.83 0.00	30.57 1.43 0.00
ASTORIA___2 24149	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.84 2.18 0.01	41.88 2.59 -2.22	36.83 2.63 -0.02	36.15 2.30 0.01	34.72 2.12 0.01	34.55 2.08 0.01	34.84 2.03 0.01	34.88 1.88 0.01	35.04 1.83 0.01	35.53 1.79 0.01	38.25 2.74 0.01	42.39 2.77 0.01	37.36 2.61 0.01	34.97 1.92 0.01	33.21 1.88 0.01	31.29 1.55 0.01	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA___3 23516	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.22 2.93 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.06 2.05 0.00	35.25 2.03 0.00	35.71 1.96 0.00	38.43 2.91 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.37 2.04 0.00	31.51 1.75 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA___4 23517	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.22 1.99 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.51 1.37 0.00
ASTORIA___5 23518	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.22 2.93 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.06 2.05 0.00	35.25 2.03 0.00	35.71 1.96 0.00	38.43 2.91 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.37 2.04 0.00	31.51 1.75 0.00	30.41 1.78 0.00	30.51 1.37 0.00
AST_ENERGY_2_CC3 323677	32.47 1.17 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.14 2.85 -2.23	36.94 2.74 -0.03	36.19 2.33 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.61 1.86 0.00	38.25 2.74 0.00	42.48 2.85 0.00	37.40 2.64 0.00	34.98 1.92 0.00	33.25 1.91 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
AST_ENERGY_2_CC4 323678	32.47 1.17 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.14 2.85 -2.23	36.94 2.74 -0.03	36.19 2.33 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.61 1.86 0.00	38.25 2.74 0.00	42.48 2.85 0.00	37.40 2.64 0.00	34.98 1.92 0.00	33.25 1.91 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
ATHENS_STG_1 23668	33.41 0.75 -14.35	29.75 0.78 -10.01	28.32 0.79 -7.87	27.13 0.99 -0.65	28.15 1.03 0.00	30.71 1.07 0.00	37.28 1.61 0.00	41.30 1.78 -2.47	35.85 1.64 -0.03	35.17 1.32 0.00	33.72 1.11 0.00	33.52 1.04 0.00	33.83 1.02 0.00	33.93 0.92 0.00	34.22 1.00 0.00	34.80 1.05 0.00	37.15 1.63 0.00	41.36 1.74 0.00	36.29 1.53 0.00	34.12 1.06 0.00	32.37 1.03 0.00	30.68 0.92 0.00	29.55 0.92 0.00	29.87 0.73 0.00
ATHENS_STG_2 23670	33.41 0.75 -14.35	29.75 0.78 -10.01	28.32 0.79 -7.87	27.13 0.99 -0.65	28.15 1.03 0.00	30.71 1.07 0.00	37.28 1.61 0.00	41.30 1.78 -2.47	35.85 1.64 -0.03	35.17 1.32 0.00	33.72 1.11 0.00	33.52 1.04 0.00	33.83 1.02 0.00	33.93 0.92 0.00	34.22 1.00 0.00	34.80 1.05 0.00	37.15 1.63 0.00	41.36 1.74 0.00	36.29 1.53 0.00	34.12 1.06 0.00	32.37 1.03 0.00	30.68 0.92 0.00	29.55 0.92 0.00	29.87 0.73 0.00

ATHENS_STG_3 23677	33.41 0.75 -14.35	29.75 0.78 -10.01	28.32 0.79 -7.87	27.13 0.99 -0.65	28.15 1.03 0.00	30.71 1.07 0.00	37.28 1.61 0.00	41.30 1.78 -2.47	35.85 1.64 -0.03	35.17 1.32 0.00	33.72 1.11 0.00	33.52 1.04 0.00	33.83 1.02 0.00	33.93 0.92 0.00	34.22 1.00 0.00	34.80 1.05 0.00	37.15 1.63 0.00	41.36 1.74 0.00	36.29 1.53 0.00	34.12 1.06 0.00	32.37 1.03 0.00	30.68 0.92 0.00	29.55 0.92 0.00	29.87 0.73 0.00
AUBURN____LFGE 323710	21.00 -0.02 -2.72	20.84 -0.02 -1.89	21.14 -0.02 -1.49	25.53 -0.08 -0.12	27.10 -0.03 0.00	29.73 0.09 0.00	36.21 0.54 0.00	37.97 0.44 -0.47	34.49 0.31 -0.01	33.99 0.14 0.00	32.77 0.16 0.00	32.64 0.16 0.00	33.01 0.20 0.00	33.24 0.23 0.00	33.42 0.20 0.00	33.99 0.24 0.00	35.98 0.46 0.00	40.30 0.67 0.00	35.21 0.45 0.00	33.33 0.26 0.00	31.46 0.13 0.00	29.81 0.06 0.00	28.60 -0.03 0.00	29.28 0.15 0.00
BABYLON_RES_REC 323704	37.00 1.87 -16.83	34.04 1.88 -13.20	32.48 1.91 -10.90	33.45 2.29 -5.67	33.88 2.47 -4.29	36.35 2.70 -4.01	43.04 4.07 -3.30	50.71 4.48 -9.17	41.61 4.17 -3.27	40.73 3.62 -3.26	43.71 3.29 -7.81	48.29 3.15 -12.67	44.37 3.15 -8.41	49.18 3.00 -13.17	42.63 3.09 -6.32	49.98 3.14 -13.09	55.02 4.01 -15.49	70.26 4.12 -26.52	63.88 3.82 -25.30	55.78 3.21 -19.51	51.13 3.13 -16.65	43.52 2.80 -10.97	34.71 2.72 -3.36	34.56 2.27 -3.15
BABYLON__69_KV_BK2 356345	37.29 2.16 -16.83	34.32 2.16 -13.20	32.78 2.20 -10.90	33.83 2.68 -5.67	34.23 2.82 -4.29	36.79 3.14 -4.01	43.61 4.64 -3.30	51.24 5.00 -9.17	42.09 4.65 -3.27	41.24 4.13 -3.26	44.23 3.82 -7.81	48.81 3.67 -12.67	44.89 3.67 -8.41	49.78 3.60 -13.17	43.20 3.65 -6.32	50.58 3.75 -13.09	55.70 4.69 -15.49	70.90 4.75 -26.52	64.43 4.38 -25.30	56.34 3.77 -19.51	51.60 3.60 -16.65	44.05 3.33 -10.97	35.14 3.15 -3.36	34.97 2.68 -3.15
BALL_HILL_WT_PWR 323825	20.60 -0.90 -3.19	20.35 -0.83 -2.22	20.55 -0.87 -1.75	24.28 -1.35 -0.14	26.53 -0.60 0.00	29.34 -0.30 0.00	35.85 0.18 0.00	36.12 -1.48 -0.55	33.33 -0.85 -0.01	32.84 -1.01 0.00	31.76 -0.85 0.00	31.67 -0.81 0.00	32.12 -0.69 0.00	32.48 -0.53 0.00	32.49 -0.73 0.00	33.21 -0.54 0.00	34.88 -0.64 0.00	39.54 -0.08 0.00	34.38 -0.38 0.00	32.47 -0.59 0.00	30.56 -0.78 0.00	29.07 -0.68 0.00	27.97 -0.66 0.00	29.08 -0.06 0.00
BARON_WINDS____WT_PWR 323822	21.47 -0.68 -3.84	21.06 -0.59 -2.68	21.20 -0.57 -2.10	24.82 -0.84 -0.17	26.83 -0.30 0.00	29.58 -0.06 0.00	36.17 0.50 0.00	37.24 -0.48 -0.66	34.08 -0.10 -0.01	33.55 -0.31 0.00	32.35 -0.26 0.00	32.22 -0.26 0.00	32.68 -0.13 0.00	33.01 0.00 0.00	33.12 -0.10 0.00	33.78 0.03 0.00	35.66 0.14 0.00	40.22 0.60 0.00	35.07 0.31 0.00	33.13 0.07 0.00	31.21 -0.12 0.00	29.66 -0.09 0.00	28.49 -0.14 0.00	29.40 0.26 0.00
BARRETT_IC_1 23704	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_10 23701	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_11 23702	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_12 23703	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_2 23705	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_3 23706	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_4 23707	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_5 23708	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_6 23709	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20

BARRETT_IC_7 23710	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.81 3.28 -37.86	122.37 3.59 -81.71	74.81 3.42 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.44 2.38 -151.05	108.02 2.43 -72.37	186.17 2.50 -149.93	216.50 3.37 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.10 2.51 -223.53	224.77 2.44 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.86 -36.20
BARRETT_IC_8 23711	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT_IC_9 23700	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT___1 23545	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BARRETT___2 23546	76.88 1.52 -57.06	77.13 1.59 -56.57	71.86 1.63 -50.56	86.46 2.01 -58.96	78.49 2.14 -49.23	77.91 2.22 -46.05	76.85 3.32 -37.86	122.44 3.67 -81.71	74.84 3.45 -37.22	74.30 3.01 -37.44	124.87 2.67 -89.58	180.34 2.60 -145.27	131.80 2.53 -96.47	186.47 2.41 -151.05	108.02 2.42 -72.37	186.14 2.46 -149.93	216.46 3.34 -177.61	347.23 3.53 -304.08	328.00 3.20 -290.05	259.07 2.48 -223.53	224.77 2.45 -190.98	157.64 2.23 -125.65	69.45 2.20 -38.61	67.20 1.87 -36.20
BATAVIA___115KV_TB1 55881	20.69 -0.51 -2.90	20.55 -0.44 -2.02	20.73 -0.53 -1.59	24.70 -0.92 -0.13	26.61 -0.52 0.00	29.52 -0.12 0.00	36.03 0.36 0.00	37.04 -0.52 -0.50	33.67 -0.51 -0.01	33.14 -0.71 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.74 -0.26 0.00	32.82 -0.40 0.00	33.51 -0.24 0.00	35.20 -0.32 0.00	39.78 0.16 0.00	34.62 -0.14 0.00	32.70 -0.36 0.00	30.81 -0.53 0.00	29.16 -0.60 0.00	28.03 -0.60 0.00	29.14 0.00 0.00
BAYONEEC___CTG1 323682	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG10 323750	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG2 323683	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG3 323684	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG4 323685	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG5 323686	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG6 323687	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG7 323688	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BAYONEEC___CTG8 323689	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00

BAYONEEC___CTG9 323749	32.47 1.17 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.32 2.81 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BEACON___LESR 323632	35.16 0.70 -16.16	31.01 0.78 -11.27	29.39 0.86 -8.86	27.41 1.20 -0.73	28.40 1.28 0.00	30.91 1.27 0.00	37.39 1.71 0.00	41.72 1.89 -2.78	35.99 1.78 -0.04	35.21 1.36 0.00	33.75 1.14 0.00	33.61 1.14 0.00	33.83 1.02 0.00	33.97 0.96 0.00	34.29 1.06 0.00	34.93 1.18 0.00	37.33 1.81 0.00	41.56 1.94 0.00	36.36 1.60 0.00	34.19 1.12 0.00	32.40 1.07 0.00	30.77 1.01 0.00	29.63 1.00 0.00	29.72 0.58 0.00
BEAVER RIVER___HYD 24048	20.38 -0.33 -2.40	20.28 -0.40 -1.71	19.79 -0.41 -0.53	25.10 -0.43 -0.04	26.69 -0.44 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.41 0.19 -0.17	34.35 0.17 0.00	34.16 0.30 0.00	32.97 0.36 0.00	33.00 0.52 0.00	33.50 0.69 0.00	33.80 0.79 0.00	34.02 0.80 0.00	34.69 0.94 0.00	36.23 0.71 0.00	40.34 0.71 0.00	34.79 0.03 0.00	33.00 -0.07 0.00	31.21 -0.12 0.00	29.66 -0.09 0.00	28.49 -0.14 0.00	29.02 -0.12 0.00
BEEBEE_GT_13 23619	20.62 -0.37 -2.68	20.50 -0.34 -1.87	20.75 -0.39 -1.47	24.92 -0.69 -0.12	26.50 -0.62 0.00	29.25 -0.39 0.00	35.60 -0.07 0.00	37.11 -0.41 -0.46	33.50 -0.68 -0.01	33.00 -0.85 0.00	31.86 -0.75 0.00	31.73 -0.75 0.00	32.12 -0.69 0.00	32.48 -0.53 0.00	32.59 -0.63 0.00	33.21 -0.54 0.00	34.95 -0.57 0.00	39.34 -0.28 0.00	34.34 -0.42 0.00	32.47 -0.60 0.00	30.65 -0.69 0.00	29.01 -0.74 0.00	27.92 -0.72 0.00	28.85 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.65 1.35 -12.99	29.39 1.37 -9.06	28.15 1.36 -7.12	27.70 1.63 -0.58	28.83 1.71 0.00	31.27 1.63 0.00	38.35 2.68 0.00	42.44 3.15 -2.23	37.25 3.04 -0.03	36.53 2.67 0.00	35.09 2.48 0.00	34.95 2.47 0.00	35.24 2.43 0.00	35.29 2.28 0.00	35.42 2.19 0.00	35.91 2.16 0.00	38.75 3.23 0.00	42.91 3.29 0.00	37.82 3.06 0.00	35.34 2.28 0.00	33.56 2.23 0.00	31.72 1.96 0.00	30.55 1.92 0.00	30.62 1.49 0.00
BETHLEHEM___GRP 23843	34.85 0.37 -16.18	30.69 0.44 -11.28	29.07 0.53 -8.87	26.98 0.76 -0.73	27.91 0.79 0.00	30.35 0.71 0.00	36.60 0.93 0.00	40.95 1.11 -2.78	35.24 1.03 -0.04	34.53 0.68 0.00	33.10 0.49 0.00	32.93 0.45 0.00	33.20 0.39 0.00	33.34 0.33 0.00	33.66 0.43 0.00	34.29 0.54 0.00	36.62 1.10 0.00	40.69 1.07 0.00	35.66 0.90 0.00	33.56 0.50 0.00	31.81 0.47 0.00	30.20 0.45 0.00	29.15 0.52 0.00	29.25 0.12 0.00
BETHLEHEM___GS1 323560	34.85 0.37 -16.18	30.69 0.44 -11.28	29.07 0.53 -8.87	26.98 0.76 -0.73	27.91 0.79 0.00	30.35 0.71 0.00	36.60 0.93 0.00	40.95 1.11 -2.78	35.24 1.02 -0.04	34.53 0.68 0.00	33.10 0.49 0.00	32.93 0.45 0.00	33.20 0.40 0.00	33.34 0.33 0.00	33.65 0.43 0.00	34.26 0.51 0.00	36.58 1.06 0.00	40.69 1.07 0.00	35.66 0.90 0.00	33.56 0.50 0.00	31.81 0.47 0.00	30.20 0.45 0.00	29.15 0.52 0.00	29.26 0.12 0.00
BETHLEHEM___GS2 323561	34.85 0.37 -16.18	30.69 0.44 -11.28	29.07 0.53 -8.87	26.98 0.76 -0.73	27.91 0.79 0.00	30.35 0.71 0.00	36.60 0.93 0.00	40.95 1.11 -2.78	35.24 1.02 -0.04	34.53 0.68 0.00	33.10 0.49 0.00	32.93 0.45 0.00	33.20 0.40 0.00	33.34 0.33 0.00	33.65 0.43 0.00	34.26 0.51 0.00	36.58 1.06 0.00	40.69 1.07 0.00	35.66 0.90 0.00	33.56 0.50 0.00	31.81 0.47 0.00	30.20 0.45 0.00	29.15 0.52 0.00	29.26 0.12 0.00
BETHLEHEM___GS3 323562	34.85 0.37 -16.18	30.69 0.44 -11.28	29.07 0.53 -8.87	26.98 0.76 -0.73	27.91 0.79 0.00	30.35 0.71 0.00	36.60 0.93 0.00	40.95 1.11 -2.78	35.24 1.02 -0.04	34.53 0.68 0.00	33.10 0.49 0.00	32.93 0.45 0.00	33.20 0.40 0.00	33.34 0.33 0.00	33.65 0.43 0.00	34.26 0.51 0.00	36.58 1.06 0.00	40.69 1.07 0.00	35.66 0.90 0.00	33.56 0.50 0.00	31.81 0.47 0.00	30.20 0.45 0.00	29.15 0.52 0.00	29.26 0.12 0.00
BETHLEHEM___STEEL 23779	20.52 -0.92 -3.13	20.30 -0.85 -2.18	20.48 -0.90 -1.72	24.20 -1.43 -0.14	26.44 -0.68 0.00	29.28 -0.36 0.00	35.64 -0.04 0.00	35.97 -1.63 -0.54	33.19 -0.99 -0.01	32.67 -1.18 0.00	31.60 -1.01 0.00	31.50 -0.97 0.00	31.89 -0.92 0.00	32.28 -0.73 0.00	32.29 -0.93 0.00	33.04 -0.71 0.00	34.67 -0.85 0.00	39.31 -0.32 0.00	34.20 -0.56 0.00	32.30 -0.76 0.00	30.43 -0.91 0.00	28.89 -0.86 0.00	27.80 -0.83 0.00	28.91 -0.23 0.00
BETHLHEM_115KV_TB1 79974	34.91 0.42 -16.18	30.74 0.49 -11.28	29.11 0.57 -8.87	27.01 0.79 -0.73	27.96 0.84 0.00	30.41 0.77 0.00	36.71 1.03 0.00	41.02 1.19 -2.78	35.34 1.13 -0.04	34.63 0.78 0.00	33.19 0.59 0.00	33.03 0.55 0.00	33.30 0.49 0.00	33.44 0.43 0.00	33.75 0.53 0.00	34.39 0.64 0.00	36.73 1.21 0.00	40.81 1.19 0.00	35.77 1.01 0.00	33.66 0.60 0.00	31.90 0.56 0.00	30.29 0.54 0.00	29.20 0.57 0.00	29.37 0.23 0.00
BETHPAGE_CC_5 323564	38.03 1.72 -18.01	35.18 1.74 -14.47	33.51 1.77 -12.07	34.86 2.14 -7.24	35.01 2.28 -5.61	37.37 2.49 -5.24	43.70 3.71 -4.32	52.40 4.04 -11.30	42.27 3.83 -4.27	41.40 3.28 -4.26	45.82 3.00 -10.21	51.93 2.89 -16.56	46.66 2.85 -11.00	52.97 2.74 -17.22	44.24 2.76 -8.26	53.66 2.80 -17.11	59.43 3.66 -20.25	78.06 3.77 -34.67	71.27 3.44 -33.07	61.41 2.84 -25.50	55.90 2.79 -21.78	46.62 2.53 -14.34	35.52 2.49 -4.40	35.33 2.07 -4.12
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.49 -0.97 -3.15	20.27 -0.89 -2.20	20.45 -0.94 -1.73	24.15 -1.48 -0.14	26.55 -0.57 0.00	29.37 -0.27 0.00	35.82 0.14 0.00	35.93 -1.67 -0.54	33.40 -0.79 -0.01	32.84 -1.02 0.00	31.79 -0.82 0.00	31.67 -0.81 0.00	32.05 -0.75 0.00	32.48 -0.53 0.00	32.49 -0.73 0.00	33.24 -0.51 0.00	34.88 -0.64 0.00	39.50 -0.12 0.00	34.38 -0.38 0.00	32.47 -0.60 0.00	30.59 -0.75 0.00	29.04 -0.71 0.00	27.94 -0.69 0.00	29.02 -0.12 0.00
BINGHAMTON___COGEN 23790	23.43 0.05 -5.06	22.55 0.06 -3.53	22.52 0.08 -2.78	25.72 0.00 -0.23	27.34 0.22 0.00	29.97 0.33 0.00	36.53 0.86 0.00	38.45 0.52 -0.87	34.77 0.58 -0.01	34.22 0.37 0.00	32.93 0.33 0.00	32.80 0.32 0.00	33.14 0.33 0.00	33.40 0.40 0.00	33.56 0.33 0.00	34.19 0.44 0.00	36.23 0.71 0.00	40.53 0.91 0.00	35.45 0.70 0.00	33.46 0.40 0.00	31.65 0.31 0.00	30.02 0.27 0.00	28.86 0.23 0.00	29.46 0.32 0.00
BIXINCNT_115KV_LOAD 355685	20.12 -1.43 -3.24	19.99 -1.23 -2.26	20.24 -1.20 -1.77	23.95 -1.68 -0.15	26.69 -0.43 0.00	29.64 0.00 0.00	36.35 0.68 0.00	36.10 -1.52 -0.56	33.98 -0.21 -0.01	33.41 -0.44 0.00	32.25 -0.36 0.00	31.96 -0.52 0.00	32.38 -0.43 0.00	32.94 -0.07 0.00	32.99 -0.23 0.00	33.68 -0.07 0.00	35.55 0.04 0.00	40.22 0.59 0.00	34.90 0.14 0.00	33.00 -0.07 0.00	31.15 -0.19 0.00	29.57 -0.18 0.00	28.43 -0.20 0.00	29.37 0.23 0.00

BLACK RIVER___HYD 24047	20.37 -0.29 -2.36	20.26 -0.38 -1.67	20.02 -0.39 -0.74	25.14 -0.41 -0.06	26.69 -0.44 0.00	29.40 -0.24 0.00	35.92 0.25 0.00	37.59 0.30 -0.23	34.38 0.21 0.00	34.09 0.24 0.00	32.87 0.26 0.00	32.80 0.32 0.00	33.30 0.49 0.00	33.53 0.53 0.00	33.79 0.56 0.00	34.49 0.74 0.00	36.19 0.67 0.00	40.46 0.83 0.00	35.00 0.25 0.00	33.09 0.03 0.00	31.28 -0.06 0.00	29.63 -0.12 0.00	28.46 -0.17 0.00	28.96 -0.17 0.00
BLACKRVR_115KV_TB2 79977	20.37 -0.29 -2.36	20.26 -0.38 -1.67	20.02 -0.39 -0.74	25.14 -0.41 -0.06	26.69 -0.43 0.00	29.40 -0.24 0.00	35.92 0.25 0.00	37.59 0.30 -0.23	34.38 0.21 0.00	34.09 0.24 0.00	32.87 0.26 0.00	32.80 0.32 0.00	33.30 0.49 0.00	33.54 0.53 0.00	33.79 0.56 0.00	34.36 0.61 0.00	36.05 0.53 0.00	40.45 0.83 0.00	35.00 0.24 0.00	33.09 0.03 0.00	31.28 -0.06 0.00	29.63 -0.12 0.00	28.46 -0.17 0.00	28.96 -0.17 0.00
BLISS_WT_PWR 323608	19.97 -1.57 -3.24	19.88 -1.35 -2.26	20.15 -1.30 -1.77	23.88 -1.76 -0.15	26.61 -0.52 0.00	29.58 -0.06 0.00	36.32 0.64 0.00	36.06 -1.56 -0.56	33.91 -0.27 -0.01	33.41 -0.44 0.00	32.22 -0.39 0.00	31.89 -0.58 0.00	32.35 -0.46 0.00	32.91 -0.10 0.00	32.96 -0.27 0.00	33.62 -0.13 0.00	35.52 0.00 0.00	40.22 0.60 0.00	34.86 0.10 0.00	33.00 -0.07 0.00	31.12 -0.22 0.00	29.60 -0.15 0.00	28.46 -0.17 0.00	29.40 0.26 0.00
BLUESTONE___WT_PWR 323821	24.50 0.97 -5.23	23.56 0.95 -3.65	23.54 1.00 -2.87	27.05 1.32 -0.24	28.70 1.57 0.00	31.66 2.02 0.00	38.92 3.25 0.00	41.11 3.15 -0.90	37.13 2.94 -0.01	36.56 2.71 0.00	35.25 2.64 0.00	34.98 2.50 0.00	35.40 2.59 0.00	35.62 2.61 0.00	35.91 2.69 0.00	36.59 2.84 0.00	38.75 3.23 0.00	43.58 3.96 0.00	38.02 3.27 0.00	35.77 2.71 0.00	33.81 2.48 0.00	31.99 2.23 0.00	30.64 2.00 0.00	31.15 2.01 0.00
BLUE_CIRC_CHEM_DRP 24182	34.93 0.68 -15.95	30.81 0.72 -11.12	29.20 0.79 -8.74	27.28 1.07 -0.72	28.26 1.14 0.00	30.77 1.13 0.00	37.17 1.50 0.00	41.43 1.63 -2.74	35.72 1.50 -0.04	35.00 1.15 0.00	33.59 0.98 0.00	33.42 0.94 0.00	33.69 0.89 0.00	33.87 0.86 0.00	34.19 0.96 0.00	34.83 1.08 0.00	37.15 1.63 0.00	41.33 1.70 0.00	36.18 1.43 0.00	34.05 0.99 0.00	32.31 0.97 0.00	30.68 0.92 0.00	29.55 0.92 0.00	29.78 0.64 0.00
BOC_GAS_DRP 24189	35.01 0.55 -16.16	30.84 0.61 -11.27	29.17 0.65 -8.86	27.06 0.84 -0.73	28.02 0.90 0.00	30.53 0.89 0.00	36.92 1.25 0.00	41.24 1.41 -2.77	35.55 1.33 -0.04	34.83 0.98 0.00	33.42 0.82 0.00	33.26 0.78 0.00	33.53 0.72 0.00	33.67 0.66 0.00	33.95 0.73 0.00	34.59 0.84 0.00	36.90 1.39 0.00	41.01 1.39 0.00	35.97 1.22 0.00	33.86 0.79 0.00	32.12 0.78 0.00	30.47 0.71 0.00	29.35 0.72 0.00	29.60 0.47 0.00
BOONVILLE_115KV_TB1 79983	19.92 0.22 -1.39	20.12 0.17 -0.99	20.32 0.20 -0.45	25.83 0.31 -0.04	27.45 0.33 0.00	30.17 0.53 0.00	36.67 1.00 0.00	38.28 1.07 -0.14	35.13 0.96 0.00	34.80 0.95 0.00	33.39 0.78 0.00	33.45 0.97 0.00	33.89 1.08 0.00	34.13 1.12 0.00	34.35 1.13 0.00	34.90 1.15 0.00	36.69 1.17 0.00	41.01 1.39 0.00	35.73 0.97 0.00	33.82 0.76 0.00	32.00 0.66 0.00	30.32 0.57 0.00	29.15 0.52 0.00	29.63 0.50 0.00
BORALEX_4TH_BRANCH 23824	35.42 1.06 -16.05	31.26 1.10 -11.19	29.59 1.12 -8.80	27.64 1.43 -0.72	28.70 1.57 0.00	31.30 1.66 0.00	38.03 2.35 0.00	42.52 2.71 -2.76	36.71 2.49 -0.04	35.81 1.96 0.00	34.20 1.60 0.00	34.00 1.53 0.00	34.25 1.44 0.00	34.39 1.39 0.00	34.78 1.56 0.00	35.50 1.75 0.00	38.08 2.56 0.00	42.36 2.73 0.00	37.19 2.43 0.00	34.85 1.79 0.00	32.94 1.60 0.00	31.24 1.49 0.00	30.06 1.43 0.00	30.27 1.14 0.00
BOWLINE___1 23526	31.92 1.01 -12.60	28.80 1.04 -8.79	27.62 1.04 -6.91	27.30 1.25 -0.57	28.42 1.30 0.00	30.94 1.30 0.00	37.89 2.21 0.00	41.75 2.52 -2.16	36.56 2.36 -0.03	35.81 1.96 0.00	34.37 1.76 0.00	34.13 1.66 0.00	34.42 1.61 0.00	34.49 1.49 0.00	34.72 1.50 0.00	35.30 1.55 0.00	37.83 2.31 0.00	42.00 2.38 0.00	36.95 2.19 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.18 1.43 0.00	29.98 1.35 0.00	30.13 0.99 0.00
BOWLINE___2 23595	31.92 1.01 -12.60	28.80 1.04 -8.79	27.62 1.04 -6.91	27.30 1.25 -0.57	28.42 1.30 0.00	30.94 1.30 0.00	37.89 2.21 0.00	41.75 2.52 -2.16	36.60 2.39 -0.03	35.81 1.96 0.00	34.37 1.76 0.00	34.17 1.69 0.00	34.42 1.61 0.00	34.49 1.49 0.00	34.72 1.50 0.00	35.30 1.55 0.00	37.83 2.31 0.00	42.00 2.38 0.00	36.95 2.19 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.18 1.43 0.00	29.98 1.35 0.00	30.13 0.99 0.00
BRADY___115KV_TB2 356060	20.15 -0.09 -1.93	20.23 -0.13 -1.40	19.68 -0.12 -0.13	25.50 0.00 -0.01	27.18 0.05 0.00	29.85 0.21 0.00	35.50 -0.18 0.00	37.14 0.04 -0.04	34.31 0.14 0.00	34.53 0.68 0.00	33.42 0.82 0.00	33.45 0.97 0.00	33.96 1.15 0.00	34.39 1.39 0.00	34.52 1.30 0.00	34.86 1.11 0.00	35.91 0.39 0.00	40.22 0.59 0.00	34.72 -0.03 0.00	33.36 0.30 0.00	31.65 0.31 0.00	30.32 0.57 0.00	29.15 0.52 0.00	29.75 0.61 0.00
BRANSCOMB___SOLAR 323811	35.70 0.88 -16.52	31.38 0.89 -11.52	29.63 0.91 -9.05	27.43 1.20 -0.74	28.40 1.28 0.00	31.00 1.36 0.00	37.74 2.07 0.00	42.12 2.22 -2.84	36.20 1.98 -0.04	35.44 1.59 0.00	34.04 1.43 0.00	33.97 1.49 0.00	34.22 1.41 0.00	34.43 1.42 0.00	34.75 1.53 0.00	35.34 1.59 0.00	37.69 2.17 0.00	41.96 2.34 0.00	36.70 1.95 0.00	34.85 1.78 0.00	33.00 1.66 0.00	31.33 1.58 0.00	30.12 1.49 0.00	30.31 1.17 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.51 2.12 -15.08	32.40 2.12 -11.31	31.01 2.16 -9.18	31.47 2.63 -3.36	32.23 2.77 -2.34	34.91 3.08 -2.19	42.04 4.57 -1.80	48.01 4.93 -6.02	40.51 4.55 -1.79	39.65 4.03 -1.78	40.58 3.72 -4.26	42.93 3.54 -6.91	40.97 3.58 -4.59	43.66 3.47 -7.19	40.23 3.55 -3.45	44.54 3.64 -7.15	48.52 4.55 -8.45	58.53 4.44 -14.47	52.73 4.17 -13.80	47.35 3.64 -10.65	43.90 3.48 -9.09	38.96 3.21 -5.99	33.53 3.06 -1.83	33.45 2.59 -1.72
BRISTLHL_115KV_TB1 79998	20.15 -0.26 -2.10	20.17 -0.27 -1.47	20.55 -0.28 -1.15	25.17 -0.41 -0.09	26.69 -0.43 0.00	29.17 -0.47 0.00	35.35 -0.32 0.00	36.98 -0.44 -0.36	33.67 -0.51 -0.01	33.21 -0.64 0.00	32.02 -0.59 0.00	31.89 -0.58 0.00	32.25 -0.56 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.21 -0.54 0.00	35.13 -0.39 0.00	39.27 -0.36 0.00	34.34 -0.42 0.00	32.53 -0.53 0.00	30.74 -0.60 0.00	29.16 -0.60 0.00	28.00 -0.63 0.00	28.67 -0.47 0.00
BROOKHAVEN___DRP 24191	35.20 2.16 -14.73	32.04 2.14 -10.93	30.69 2.18 -8.83	31.01 2.63 -2.89	31.83 2.77 -1.95	34.57 3.11 -1.82	41.85 4.67 -1.50	47.53 5.08 -5.39	40.32 4.65 -1.50	39.46 4.13 -1.48	39.97 3.82 -3.55	41.87 3.64 -5.75	40.30 3.67 -3.82	42.59 3.60 -5.98	39.79 3.69 -2.88	43.48 3.78 -5.95	47.21 4.65 -7.04	56.39 4.72 -12.05	50.60 4.34 -11.50	45.71 3.77 -8.87	42.51 3.60 -7.57	38.08 3.33 -4.99	33.31 3.15 -1.52	33.22 2.65 -1.43

BROOKLYN_NAVY_YARD 23515	32.45 1.15 -12.99	29.22 1.20 -9.06	27.99 1.20 -7.12	27.50 1.43 -0.58	28.61 1.49 0.00	31.18 1.54 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.12 1.89 0.00	35.61 1.86 0.00	38.29 2.77 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.01 1.95 0.00	33.28 1.94 0.00	31.48 1.72 0.00	30.32 1.69 0.00	30.39 1.25 0.00
BROOKLYN___ARMY_DRP 323595	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
BROOKVLE_69_KV_TB1 55790	41.23 1.57 -21.35	38.63 1.59 -18.07	36.66 1.63 -15.36	39.14 1.99 -11.66	38.55 2.09 -9.34	40.63 2.25 -8.73	46.25 3.39 -7.18	58.13 3.74 -17.33	44.78 3.52 -7.08	44.03 3.08 -7.10	52.41 2.80 -17.00	62.77 2.73 -27.57	53.81 2.69 -18.31	64.22 2.54 -28.67	49.56 2.59 -13.74	64.85 2.63 -28.47	72.74 3.52 -33.71	100.98 3.65 -57.72	93.11 3.30 -55.05	78.11 2.61 -42.44	70.12 2.54 -36.25	55.93 2.32 -23.86	38.22 2.26 -7.32	37.87 1.86 -6.86
BROOME_2_LFGE 323671	23.43 0.06 -5.06	22.55 0.06 -3.53	22.53 0.08 -2.78	25.72 0.00 -0.23	27.34 0.22 0.00	29.97 0.33 0.00	36.53 0.85 0.00	38.45 0.52 -0.87	34.77 0.58 -0.01	34.22 0.37 0.00	32.93 0.33 0.00	32.80 0.32 0.00	33.17 0.36 0.00	33.41 0.40 0.00	33.56 0.33 0.00	34.16 0.41 0.00	36.19 0.67 0.00	40.53 0.91 0.00	35.45 0.69 0.00	33.49 0.43 0.00	31.65 0.31 0.00	30.05 0.30 0.00	28.86 0.23 0.00	29.49 0.35 0.00
BROOME___LFGE 323600	23.43 0.06 -5.06	22.55 0.06 -3.53	22.53 0.08 -2.78	25.72 0.00 -0.23	27.34 0.22 0.00	29.97 0.33 0.00	36.53 0.85 0.00	38.45 0.52 -0.87	34.77 0.58 -0.01	34.22 0.37 0.00	32.93 0.33 0.00	32.80 0.32 0.00	33.17 0.36 0.00	33.41 0.40 0.00	33.56 0.33 0.00	34.16 0.41 0.00	36.19 0.67 0.00	40.53 0.91 0.00	35.45 0.69 0.00	33.49 0.43 0.00	31.65 0.31 0.00	30.05 0.30 0.00	28.86 0.23 0.00	29.49 0.35 0.00
BROWNFLS_115KV_TB_3_5 80003	21.04 -0.49 -3.23	20.72 -0.57 -2.32	19.47 -0.57 -0.37	24.91 -0.61 -0.03	26.50 -0.62 0.00	29.14 -0.50 0.00	35.25 -0.43 0.00	36.88 -0.30 -0.12	34.01 -0.17 0.00	34.12 0.27 0.00	33.00 0.39 0.00	33.16 0.68 0.00	33.73 0.92 0.00	34.20 1.19 0.00	34.32 1.10 0.00	34.66 0.91 0.00	35.80 0.28 0.00	40.18 0.55 0.00	34.24 -0.52 0.00	32.66 -0.40 0.00	30.96 -0.38 0.00	29.54 -0.21 0.00	28.43 -0.20 0.00	29.05 -0.09 0.00
BROWNSV1_27_KV_LOAD 356125	32.61 1.32 -12.99	29.37 1.35 -9.06	28.15 1.36 -7.12	27.70 1.63 -0.58	28.83 1.71 0.00	31.42 1.78 0.00	38.53 2.85 0.00	42.55 3.26 -2.23	37.32 3.11 -0.03	36.56 2.71 0.00	35.09 2.48 0.00	34.91 2.44 0.00	35.20 2.40 0.00	35.25 2.24 0.00	35.45 2.23 0.00	35.98 2.23 0.00	38.72 3.20 0.00	42.91 3.29 0.00	37.78 3.02 0.00	35.38 2.31 0.00	33.59 2.26 0.00	31.78 2.02 0.00	30.58 1.95 0.00	30.62 1.49 0.00
BURROWS___LYONSDAL 23803	20.01 0.11 -1.59	20.15 0.06 -1.13	20.20 0.06 -0.47	25.68 0.15 -0.04	27.29 0.16 0.00	30.00 0.36 0.00	36.49 0.82 0.00	38.10 0.89 -0.15	35.00 0.82 0.00	34.66 0.81 0.00	33.32 0.72 0.00	33.35 0.88 0.00	33.79 0.98 0.00	34.06 1.06 0.00	34.29 1.06 0.00	34.83 1.08 0.00	36.55 1.03 0.00	40.89 1.27 0.00	35.56 0.80 0.00	33.66 0.60 0.00	31.84 0.50 0.00	30.20 0.45 0.00	29.00 0.37 0.00	29.52 0.38 0.00
CAITHNESS_CC_1 323624	35.11 2.09 -14.72	31.98 2.09 -10.93	30.62 2.13 -8.83	30.87 2.50 -2.88	31.74 2.69 -1.94	34.47 3.02 -1.81	41.73 4.57 -1.49	47.44 5.00 -5.38	40.31 4.65 -1.49	39.35 4.03 -1.47	39.82 3.68 -3.53	41.75 3.54 -5.73	40.15 3.54 -3.80	42.40 3.43 -5.96	39.61 3.52 -2.86	43.29 3.61 -5.93	46.96 4.44 -7.00	56.13 4.52 -12.00	50.41 4.20 -11.44	45.50 3.60 -8.83	42.41 3.54 -7.53	37.91 3.19 -4.97	33.21 3.07 -1.52	33.12 2.56 -1.42
CALPINE BETH_PAGE_GT4 24209	39.40 1.65 -19.44	36.67 1.69 -16.02	34.86 1.71 -13.48	36.71 2.09 -9.14	36.53 2.20 -7.21	38.76 2.37 -6.74	44.68 3.46 -5.55	54.73 3.78 -13.89	43.21 3.55 -5.48	42.45 3.11 -5.48	48.54 2.80 -13.13	56.50 2.73 -21.29	49.64 2.69 -14.14	57.69 2.54 -22.14	46.43 2.59 -10.62	58.40 2.67 -21.99	65.07 3.52 -26.03	87.77 3.57 -44.58	80.55 3.27 -42.52	68.49 2.64 -32.78	61.90 2.57 -27.99	50.56 2.38 -18.43	36.69 2.41 -5.65	36.42 1.98 -5.30
CALPINE_BETH_PAGE_GT_4 323586	39.40 1.65 -19.44	36.67 1.69 -16.02	34.86 1.71 -13.48	36.69 2.06 -9.14	36.53 2.20 -7.21	38.76 2.37 -6.74	44.72 3.50 -5.55	54.77 3.82 -13.89	43.27 3.62 -5.48	42.45 3.11 -5.48	48.54 2.80 -13.13	56.50 2.73 -21.29	49.64 2.69 -14.14	57.69 2.54 -22.14	46.43 2.59 -10.62	58.37 2.63 -21.99	65.00 3.44 -26.03	87.77 3.57 -44.58	80.54 3.27 -42.52	68.49 2.65 -32.78	61.93 2.60 -27.99	50.53 2.35 -18.43	36.69 2.41 -5.65	36.42 1.98 -5.30
CALPINE_BP_GT1 23823	39.40 1.65 -19.44	36.67 1.69 -16.02	34.86 1.71 -13.48	36.69 2.06 -9.14	36.53 2.20 -7.21	38.76 2.37 -6.74	44.72 3.50 -5.55	54.77 3.82 -13.89	43.27 3.62 -5.48	42.45 3.11 -5.48	48.54 2.80 -13.13	56.50 2.73 -21.29	49.64 2.69 -14.14	57.69 2.54 -22.14	46.43 2.59 -10.62	58.37 2.63 -21.99	65.00 3.44 -26.03	87.77 3.57 -44.58	80.54 3.27 -42.52	68.49 2.65 -32.78	61.93 2.60 -27.99	50.53 2.35 -18.43	36.69 2.41 -5.65	36.42 1.98 -5.30
CALSPAN___DRP 24200	20.52 -0.92 -3.13	20.30 -0.85 -2.18	20.48 -0.90 -1.72	24.20 -1.43 -0.14	26.44 -0.68 0.00	29.28 -0.36 0.00	35.64 -0.04 0.00	35.97 -1.63 -0.54	33.19 -0.99 -0.01	32.67 -1.18 0.00	31.60 -1.01 0.00	31.50 -0.97 0.00	31.89 -0.92 0.00	32.28 -0.73 0.00	32.29 -0.93 0.00	33.04 -0.71 0.00	34.67 -0.85 0.00	39.31 -0.32 0.00	34.20 -0.56 0.00	32.30 -0.76 0.00	30.43 -0.91 0.00	28.89 -0.86 0.00	27.80 -0.83 0.00	28.91 -0.23 0.00
CALVERTON___SOLAR 323806	35.27 2.23 -14.73	32.12 2.22 -10.94	30.77 2.26 -8.84	31.03 2.65 -2.90	31.92 2.85 -1.95	34.69 3.23 -1.82	42.06 4.89 -1.50	47.79 5.34 -5.40	40.63 4.95 -1.50	39.63 4.30 -1.48	40.13 3.98 -3.55	42.04 3.80 -5.76	40.44 3.80 -3.82	42.70 3.70 -5.99	39.89 3.79 -2.88	43.59 3.88 -5.96	47.33 4.76 -7.05	56.61 4.91 -12.07	50.82 4.55 -11.51	45.88 3.93 -8.89	42.74 3.82 -7.58	38.20 3.45 -5.00	33.45 3.29 -1.53	33.34 2.77 -1.43
CANDIGU_WT_PWR 323617	21.47 -0.68 -3.84	21.06 -0.59 -2.68	21.20 -0.57 -2.10	24.82 -0.84 -0.17	26.83 -0.30 0.00	29.58 -0.06 0.00	36.17 0.50 0.00	37.24 -0.48 -0.66	34.08 -0.10 -0.01	33.55 -0.31 0.00	32.35 -0.26 0.00	32.22 -0.26 0.00	32.68 -0.13 0.00	33.01 0.00 0.00	33.12 -0.10 0.00	33.78 0.03 0.00	35.66 0.14 0.00	40.22 0.60 0.00	35.07 0.31 0.00	33.13 0.07 0.00	31.21 -0.12 0.00	29.66 -0.09 0.00	28.49 -0.14 0.00	29.40 0.26 0.00

CARR STREET_E_SYR 24060	20.39 -0.17 -2.25	20.38 -0.15 -1.57	20.73 -0.18 -1.23	25.31 -0.28 -0.10	26.85 -0.27 0.00	29.34 -0.30 0.00	35.64 -0.04 0.00	37.26 -0.18 -0.39	33.87 -0.31 -0.01	33.41 -0.44 0.00	32.22 -0.39 0.00	32.05 -0.42 0.00	32.42 -0.39 0.00	32.65 -0.36 0.00	32.83 -0.40 0.00	33.35 -0.40 0.00	35.27 -0.25 0.00	39.46 -0.16 0.00	34.52 -0.24 0.00	32.70 -0.36 0.00	30.90 -0.44 0.00	29.31 -0.45 0.00	28.17 -0.46 0.00	28.85 -0.29 0.00
CARTHAGE___PAPER 23857	20.31 -0.37 -2.37	20.20 -0.46 -1.69	19.88 -0.45 -0.66	25.06 -0.49 -0.05	26.61 -0.52 0.00	29.31 -0.33 0.00	35.74 0.07 0.00	37.42 0.15 -0.21	34.32 0.14 0.00	34.09 0.24 0.00	32.90 0.29 0.00	32.90 0.42 0.00	33.40 0.59 0.00	33.67 0.66 0.00	33.89 0.66 0.00	34.59 0.84 0.00	36.16 0.64 0.00	40.34 0.71 0.00	34.86 0.10 0.00	33.03 -0.03 0.00	31.24 -0.09 0.00	29.63 -0.12 0.00	28.46 -0.17 0.00	28.96 -0.17 0.00
CASSADAGA_WT_PWR 323784	20.39 -1.19 -3.28	20.15 -1.10 -2.29	20.40 -1.06 -1.80	24.16 -1.48 -0.15	26.53 -0.60 0.00	29.43 -0.21 0.00	36.10 0.43 0.00	36.36 -1.26 -0.56	33.70 -0.48 -0.01	33.14 -0.71 0.00	32.05 -0.55 0.00	32.02 -0.45 0.00	32.58 -0.23 0.00	33.04 0.03 0.00	33.12 -0.10 0.00	33.89 0.14 0.00	35.55 0.04 0.00	40.29 0.67 0.00	34.93 0.17 0.00	32.96 -0.10 0.00	30.99 -0.34 0.00	29.46 -0.30 0.00	28.29 -0.34 0.00	29.34 0.21 0.00
CE_DUNWOOD___DRP 24194	32.38 1.12 -12.96	29.14 1.14 -9.04	27.93 1.16 -7.10	27.47 1.40 -0.58	28.56 1.44 0.00	31.15 1.51 0.00	38.13 2.46 0.00	42.07 2.78 -2.23	36.87 2.67 -0.03	36.09 2.23 0.00	34.63 2.02 0.00	34.43 1.95 0.00	34.71 1.90 0.00	34.76 1.75 0.00	35.02 1.79 0.00	35.61 1.86 0.00	38.22 2.70 0.00	42.36 2.73 0.00	37.26 2.50 0.00	34.91 1.85 0.00	33.19 1.85 0.00	31.39 1.64 0.00	30.18 1.55 0.00	30.30 1.17 0.00
CE_MILLWOOD___DRP 24193	32.30 1.08 -12.92	29.07 1.10 -9.01	27.87 1.12 -7.08	27.42 1.35 -0.58	28.53 1.41 0.00	31.09 1.45 0.00	38.06 2.39 0.00	41.98 2.71 -2.22	36.77 2.56 -0.03	35.98 2.13 0.00	34.53 1.92 0.00	34.33 1.85 0.00	34.61 1.80 0.00	34.66 1.65 0.00	34.92 1.69 0.00	35.50 1.75 0.00	38.11 2.59 0.00	42.24 2.62 0.00	37.16 2.40 0.00	34.81 1.75 0.00	33.09 1.75 0.00	31.33 1.58 0.00	30.12 1.49 0.00	30.25 1.11 0.00
CE_NYC2_DRP 24202	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.24 1.60 0.00	38.24 2.57 0.00	42.25 2.96 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.25 2.03 0.00	35.77 2.02 0.00	38.50 2.98 0.00	42.67 3.05 0.00	37.57 2.82 0.00	35.14 2.08 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.44 1.80 0.00	30.51 1.37 0.00
CE_NYC_DRP 24195	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.28 2.60 0.00	42.25 2.96 -2.23	37.04 2.84 -0.03	36.29 2.44 0.00	34.82 2.22 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.40 2.88 0.00	42.55 2.93 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.35 1.72 0.00	30.42 1.28 0.00
CHAFFEE___LFGE 323603	20.61 -0.88 -3.19	20.35 -0.83 -2.22	20.53 -0.88 -1.75	24.25 -1.38 -0.14	26.55 -0.57 0.00	29.37 -0.27 0.00	35.82 0.14 0.00	36.09 -1.52 -0.55	33.33 -0.85 -0.01	32.84 -1.01 0.00	31.79 -0.81 0.00	31.70 -0.78 0.00	32.12 -0.69 0.00	32.48 -0.53 0.00	32.49 -0.73 0.00	33.18 -0.57 0.00	34.84 -0.68 0.00	39.50 -0.12 0.00	34.38 -0.38 0.00	32.50 -0.56 0.00	30.56 -0.78 0.00	29.04 -0.71 0.00	27.94 -0.69 0.00	29.05 -0.09 0.00
CHATEAUG_35_KV_LOAD 355732	-8.85 -0.90 26.26	-1.04 -0.97 19.04	18.69 -0.98 0.00	24.54 -0.94 0.00	26.39 -0.73 0.00	29.14 -0.50 0.00	34.75 -0.93 0.00	36.36 -0.70 0.00	35.00 0.82 0.00	37.95 4.10 0.00	37.79 5.18 0.00	40.11 7.63 0.00	41.80 8.99 0.00	44.69 11.68 0.00	43.52 10.30 0.00	42.29 8.54 0.00	43.01 7.49 0.00	51.19 11.57 0.00	35.28 0.52 0.00	33.82 0.76 0.00	32.37 1.03 0.00	30.82 1.07 0.00	29.55 0.92 0.00	30.16 1.02 0.00
CHATEAUG_WT_PWR 323614	-7.04 -1.02 24.32	0.27 -1.06 17.63	18.57 -1.10 0.00	24.42 -1.07 0.00	26.28 -0.84 0.00	29.02 -0.62 0.00	34.64 -1.04 0.00	36.24 -0.89 -0.07	34.86 0.68 0.00	37.84 3.99 0.00	37.69 5.08 0.00	40.08 7.60 0.00	41.77 8.96 0.00	44.73 11.72 0.00	43.49 10.27 0.00	45.97 12.22 0.00	46.82 11.30 0.00	51.15 11.53 0.00	35.18 0.42 0.00	33.72 0.66 0.00	32.31 0.97 0.00	30.77 1.01 0.00	29.49 0.86 0.00	30.10 0.96 0.00
CHAT_HIGH_FALL_HYD 323578	-8.85 -0.90 26.26	-1.04 -0.97 19.04	18.69 -0.98 0.00	24.55 -0.94 0.00	26.39 -0.73 0.00	29.14 -0.50 0.00	34.75 -0.93 0.00	36.43 -0.71 -0.07	35.00 0.82 0.00	37.95 4.09 0.00	37.79 5.19 0.00	40.11 7.63 0.00	41.80 8.99 0.00	44.69 11.68 0.00	43.52 10.30 0.00	45.97 12.22 0.00	46.78 11.26 0.00	51.19 11.57 0.00	35.28 0.52 0.00	33.82 0.76 0.00	32.37 1.03 0.00	30.82 1.07 0.00	29.55 0.92 0.00	30.16 1.02 0.00
CHAUTAUQUA___LFGE 323629	20.64 -0.90 -3.23	20.38 -0.83 -2.25	20.59 -0.85 -1.77	24.33 -1.30 -0.15	26.58 -0.54 0.00	29.43 -0.21 0.00	35.96 0.28 0.00	36.35 -1.26 -0.55	33.50 -0.68 -0.01	32.97 -0.88 0.00	31.92 -0.69 0.00	31.86 -0.62 0.00	32.35 -0.46 0.00	32.74 -0.27 0.00	32.79 -0.43 0.00	33.52 -0.23 0.00	35.16 -0.36 0.00	39.86 0.24 0.00	34.65 -0.10 0.00	32.70 -0.36 0.00	30.74 -0.60 0.00	29.25 -0.51 0.00	28.12 -0.51 0.00	29.20 0.06 0.00
CHERRYST_13_KV_LD 356241	32.52 1.23 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.60 1.53 -0.58	28.72 1.60 0.00	31.30 1.66 0.00	38.38 2.71 0.00	42.37 3.08 -2.23	37.15 2.94 -0.03	36.39 2.54 0.00	34.92 2.32 0.00	34.75 2.27 0.00	35.04 2.23 0.00	35.09 2.08 0.00	35.28 2.06 0.00	35.84 2.09 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.61 2.85 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.63 1.87 0.00	30.44 1.80 0.00	30.51 1.37 0.00
CHESTROR_138KV_BK263 355645	31.29 0.90 -12.09	28.31 0.91 -8.43	27.22 0.92 -6.63	27.15 1.12 -0.54	28.29 1.17 0.00	30.80 1.16 0.00	37.64 1.96 0.00	41.32 2.19 -2.08	36.29 2.08 -0.03	35.54 1.69 0.00	34.11 1.50 0.00	33.91 1.43 0.00	34.15 1.35 0.00	34.23 1.22 0.00	34.49 1.26 0.00	35.10 1.35 0.00	37.58 2.06 0.00	41.72 2.10 0.00	36.67 1.91 0.00	34.42 1.36 0.00	32.69 1.35 0.00	30.97 1.22 0.00	29.78 1.15 0.00	29.98 0.85 0.00
CH_MIDHUDSON___DRP 24192	32.71 1.08 -13.32	29.35 1.10 -9.29	28.09 1.12 -7.30	27.46 1.38 -0.60	28.59 1.46 0.00	31.09 1.45 0.00	37.96 2.28 0.00	41.90 2.56 -2.29	36.67 2.46 -0.03	35.85 2.00 0.00	34.40 1.79 0.00	34.17 1.69 0.00	34.45 1.64 0.00	34.49 1.49 0.00	34.82 1.59 0.00	35.44 1.69 0.00	37.97 2.45 0.00	42.16 2.54 0.00	37.05 2.29 0.00	34.71 1.65 0.00	32.97 1.63 0.00	31.24 1.49 0.00	30.01 1.37 0.00	30.19 1.05 0.00

CH_MISC_IPPS 23765	32.51 1.14 -13.07	29.25 1.18 -9.11	28.01 1.18 -7.16	27.50 1.43 -0.59	28.67 1.55 0.00	31.15 1.51 0.00	38.06 2.39 0.00	41.97 2.67 -2.24	36.77 2.56 -0.03	35.95 2.10 0.00	34.53 1.92 0.00	34.26 1.79 0.00	34.51 1.70 0.00	34.59 1.58 0.00	34.92 1.69 0.00	35.50 1.75 0.00	38.08 2.56 0.00	42.32 2.70 0.00	37.15 2.40 0.00	34.81 1.75 0.00	33.06 1.72 0.00	31.33 1.58 0.00	30.06 1.43 0.00	30.27 1.14 0.00
CH_RES_BVR_FALLS 23983	17.72 -0.59 0.00	18.36 -0.61 0.00	19.06 -0.61 0.00	24.80 -0.69 0.00	26.42 -0.71 0.00	28.96 -0.68 0.00	34.64 -1.04 0.00	36.13 -0.93 0.00	33.42 -0.75 0.00	33.31 -0.54 0.00	32.18 -0.42 0.00	32.18 -0.29 0.00	32.58 -0.23 0.00	32.78 -0.23 0.00	32.96 -0.27 0.00	33.45 -0.30 0.00	35.06 -0.46 0.00	39.15 -0.47 0.00	34.31 -0.45 0.00	32.83 -0.23 0.00	31.15 -0.19 0.00	29.60 -0.15 0.00	28.52 -0.11 0.00	29.05 -0.09 0.00
CH_RES_NIAGARA 23895	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.48 -2.70 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.31 -2.49 0.00	30.70 -2.31 0.00	30.70 -2.53 0.00	31.35 -2.40 0.00	32.82 -2.70 0.00	37.20 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.86 -2.48 0.00	27.46 -2.29 0.00	26.48 -2.15 0.00	27.71 -1.43 0.00
CH_RES_SYRACUSE 23985	20.60 -0.04 -2.33	20.55 -0.04 -1.63	20.91 -0.04 -1.28	25.49 -0.10 -0.10	27.01 -0.11 0.00	29.55 -0.09 0.00	35.85 0.18 0.00	37.57 0.11 -0.40	34.11 -0.07 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.62 -0.13 0.00	35.55 0.04 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.96 -0.10 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	29.02 -0.12 0.00
CLINTON_WT_PWR 323605	-7.04 -1.02 24.32	0.27 -1.06 17.63	18.57 -1.10 0.00	24.42 -1.07 0.00	26.28 -0.84 0.00	29.02 -0.62 0.00	34.64 -1.04 0.00	36.24 -0.89 -0.07	34.86 0.68 0.00	37.84 3.99 0.00	37.69 5.08 0.00	40.08 7.60 0.00	41.77 8.96 11.72	44.73 11.72 10.27	43.49 10.27 0.00	45.97 12.22 0.00	46.82 11.30 0.00	51.15 11.53 0.00	35.18 0.42 0.00	33.72 0.66 0.00	32.31 0.97 0.00	30.77 1.01 0.00	29.49 0.86 0.00	30.10 0.96 0.00
CLINTON__LFGE 323618	-7.61 -0.39 25.53	0.00 -0.46 18.51	18.90 -0.77 0.00	24.90 -0.59 0.00	26.83 -0.30 0.00	29.64 0.00 0.00	35.43 -0.25 0.00	37.20 0.07 -0.07	35.72 1.54 0.00	38.63 4.77 0.00	38.44 5.84 0.00	40.83 8.35 0.00	42.55 9.74 0.00	45.48 12.48 0.00	44.29 11.06 0.00	46.78 13.03 0.00	47.31 11.79 0.00	51.79 12.16 0.00	35.77 1.01 0.00	34.25 1.19 0.00	32.94 1.60 0.00	31.30 1.55 0.00	29.98 1.35 0.00	30.65 1.51 0.00
COBBLENY_34_KV_TB1 80064	20.61 -0.88 -3.19	20.35 -0.83 -2.22	20.53 -0.89 -1.75	24.23 -1.40 -0.14	26.55 -0.57 0.00	29.37 -0.27 0.00	35.82 0.14 0.00	36.09 -1.52 -0.55	33.36 -0.82 -0.01	32.84 -1.02 0.00	31.79 -0.82 0.00	31.70 -0.78 0.00	32.05 -0.75 0.00	32.48 -0.53 0.00	32.49 -0.73 0.00	33.24 -0.51 0.00	34.88 -0.64 0.00	39.50 -0.12 0.00	34.38 -0.38 0.00	32.47 -0.60 0.00	30.59 -0.75 0.00	29.04 -0.71 0.00	27.92 -0.72 0.00	28.99 -0.15 0.00
COFFEEN__115KV_TB3 355620	20.46 -0.20 -2.35	20.33 -0.30 -1.67	20.13 -0.30 -0.75	25.27 -0.28 -0.06	26.82 -0.30 0.00	29.58 -0.06 0.00	36.21 0.54 0.00	37.89 0.59 -0.24	34.66 0.48 0.00	34.29 0.44 0.00	33.10 0.49 0.00	33.00 0.52 0.00	33.50 0.69 0.00	33.73 0.73 0.00	34.02 0.80 0.00	34.59 0.84 0.00	36.34 0.82 0.00	40.81 1.19 0.00	35.31 0.56 0.00	33.36 0.30 0.00	31.49 0.16 0.00	29.81 0.06 0.00	28.63 0.00 0.00	29.14 0.00 0.00
COLDSPRG_115KV_BK1 355956	20.78 -0.84 -3.32	20.50 -0.78 -2.32	20.72 -0.77 -1.82	24.44 -1.20 -0.15	27.12 0.00 0.00	30.00 0.36 0.00	36.89 1.21 0.00	36.67 -0.96 -0.57	34.49 0.31 -0.01	33.92 0.07 0.00	32.80 0.20 0.00	32.74 0.26 0.00	33.14 0.33 0.00	33.60 0.59 0.00	33.59 0.37 0.00	34.39 0.64 0.00	36.12 0.60 0.00	40.85 1.23 0.00	35.45 0.70 0.00	33.46 0.40 0.00	31.53 0.19 0.00	29.93 0.18 0.00	28.78 0.14 0.00	29.72 0.58 0.00
COLONIE_LFGE__ 323577	35.44 0.80 -16.33	31.18 0.83 -11.38	29.48 0.86 -8.95	27.34 1.12 -0.74	28.34 1.22 0.00	30.88 1.24 0.00	37.49 1.82 0.00	41.90 2.04 -2.80	36.09 1.88 -0.04	35.31 1.45 0.00	33.85 1.24 0.00	33.68 1.20 0.00	33.96 1.15 0.00	34.10 1.09 0.00	34.42 1.19 0.00	35.06 1.31 0.00	37.47 1.95 0.00	41.72 2.10 0.00	36.56 1.81 0.00	34.42 1.36 0.00	32.59 1.25 0.00	30.94 1.19 0.00	29.75 1.12 0.00	29.95 0.81 0.00
COOPERNY_115KV_TB1 80082	28.94 0.68 -9.96	26.59 0.68 -6.94	25.84 0.71 -5.46	26.78 0.84 -0.45	27.99 0.87 0.00	30.53 0.89 0.00	37.24 1.57 0.00	40.51 1.74 -1.71	35.81 1.61 -0.02	35.14 1.29 0.00	33.78 1.17 0.00	33.58 1.10 0.00	33.86 1.05 0.00	33.97 0.96 0.00	34.22 1.00 0.00	34.80 1.05 0.00	37.15 1.63 0.00	41.29 1.66 0.00	36.29 1.53 0.00	34.12 1.06 0.00	32.40 1.07 0.00	30.71 0.95 0.00	29.52 0.89 0.00	29.81 0.67 0.00
COPENHAGEN_WT_PWR 323753	20.34 -0.31 -2.35	20.23 -0.40 -1.66	20.06 -0.39 -0.78	25.12 -0.43 -0.06	26.66 -0.46 0.00	29.34 -0.30 0.00	35.85 0.18 0.00	37.49 0.19 -0.25	34.28 0.10 0.00	33.95 0.10 0.00	32.77 0.16 0.00	32.71 0.23 0.00	33.14 0.33 0.00	33.41 0.40 0.00	33.65 0.43 0.00	34.32 0.57 0.00	36.05 0.53 0.00	40.29 0.67 0.00	34.90 0.14 0.00	33.03 -0.03 0.00	31.18 -0.16 0.00	29.55 -0.21 0.00	28.37 -0.26 0.00	28.90 -0.23 0.00
CORNELL____ 23752	22.42 0.31 -3.81	21.92 0.30 -2.66	22.09 0.33 -2.09	26.04 0.38 -0.17	27.67 0.54 0.00	30.35 0.71 0.00	37.03 1.36 0.00	38.97 1.26 -0.65	35.31 1.13 -0.01	34.83 0.98 0.00	33.52 0.91 0.00	33.39 0.91 0.00	33.73 0.92 0.00	34.00 0.99 0.00	34.19 0.96 0.00	34.80 1.05 0.00	36.87 1.35 0.00	41.33 1.70 0.00	36.11 1.36 0.00	34.12 1.06 0.00	32.22 0.88 0.00	30.56 0.80 0.00	29.26 0.63 0.00	29.93 0.79 0.00
CORONAAV_69_KV_TB1 355595	60.77 1.65 -40.81	59.73 1.71 -39.06	55.95 1.73 -34.55	65.07 2.14 -37.45	60.46 2.25 -31.08	61.12 2.40 -29.08	63.11 3.53 -23.91	93.34 3.85 -52.43	61.34 3.66 -23.51	60.71 3.22 -23.64	92.11 2.93 -56.57	127.07 2.86 -91.73	96.55 2.82 -60.92	131.10 2.71 -95.39	81.65 2.72 -45.71	131.23 2.80 -94.68	151.41 3.73 -112.16	235.57 3.92 -192.03	221.47 3.55 -183.16	177.04 2.81 -141.16	154.70 2.76 -120.60	111.61 2.50 -79.35	55.42 2.41 -24.38	54.03 2.04 -22.85
CORTLAND_115KV_TB3 80093	21.76 0.18 -3.27	21.44 0.19 -2.28	21.66 0.20 -1.79	25.84 0.20 -0.15	27.45 0.33 0.00	30.08 0.44 0.00	36.64 0.96 0.00	38.44 0.82 -0.56	34.93 0.75 -0.01	34.43 0.58 0.00	33.13 0.52 0.00	33.00 0.52 0.00	33.37 0.56 0.00	33.60 0.59 0.00	33.79 0.56 0.00	34.39 0.64 0.00	36.41 0.89 0.00	40.77 1.15 0.00	35.59 0.83 0.00	33.66 0.60 0.00	31.81 0.47 0.00	30.17 0.42 0.00	28.95 0.31 0.00	29.58 0.44 0.00

COXSACKIE___GT 23611	34.67 1.01 -15.36	30.79 1.12 -10.71	29.29 1.20 -8.41	27.84 1.66 -0.69	29.26 2.14 0.00	31.60 1.96 0.00	38.28 2.60 0.00	42.14 2.45 -2.64	36.74 2.53 -0.04	35.64 1.79 0.00	34.30 1.69 0.00	34.07 1.59 0.00	34.22 1.41 0.00	34.43 1.42 0.00	34.95 1.73 0.00	35.74 1.99 0.00	38.32 2.81 0.00	42.71 3.09 0.00	37.26 2.50 0.00	35.01 1.95 0.00	33.15 1.82 0.00	31.51 1.75 0.00	30.18 1.55 0.00	30.42 1.28 0.00
CPV_VALLEY___CC1 323721	30.37 0.75 -11.31	27.63 0.78 -7.89	26.66 0.79 -6.20	26.91 0.92 -0.51	28.07 0.95 0.00	30.62 0.98 0.00	37.35 1.68 0.00	40.89 1.89 -1.94	36.01 1.81 -0.03	35.27 1.42 0.00	33.88 1.27 0.00	33.68 1.20 0.00	33.92 1.12 0.00	34.00 0.99 0.00	34.25 1.03 0.00	34.83 1.08 0.00	37.26 1.74 0.00	41.41 1.78 0.00	36.39 1.63 0.00	34.19 1.12 0.00	32.50 1.16 0.00	30.77 1.01 0.00	29.58 0.94 0.00	29.81 0.67 0.00
CPV_VALLEY___CC2 323722	30.37 0.75 -11.31	27.63 0.78 -7.89	26.66 0.79 -6.20	26.91 0.92 -0.51	28.07 0.95 0.00	30.62 0.98 0.00	37.35 1.68 0.00	40.89 1.89 -1.94	36.01 1.81 -0.03	35.27 1.42 0.00	33.88 1.27 0.00	33.68 1.20 0.00	33.92 1.12 0.00	34.00 0.99 0.00	34.25 1.03 0.00	34.83 1.08 0.00	37.26 1.74 0.00	41.41 1.78 0.00	36.39 1.63 0.00	34.19 1.12 0.00	32.50 1.16 0.00	30.77 1.01 0.00	29.58 0.94 0.00	29.81 0.67 0.00
CRESCENT___HYD 24018	35.44 0.80 -16.33	31.18 0.83 -11.38	29.48 0.86 -8.95	27.34 1.12 -0.74	28.34 1.22 0.00	30.88 1.24 0.00	37.49 1.82 0.00	41.90 2.04 -2.80	36.09 1.88 -0.04	35.31 1.45 0.00	33.85 1.24 0.00	33.68 1.20 0.00	33.96 1.15 0.00	34.10 1.09 0.00	34.42 1.19 0.00	35.06 1.31 0.00	37.47 1.95 0.00	41.72 2.10 0.00	36.56 1.81 0.00	34.42 1.36 0.00	32.59 1.25 0.00	30.94 1.19 0.00	29.75 1.12 0.00	29.95 0.81 0.00
CRICKET___VALLEY_CC1 323756	32.99 0.99 -13.70	29.54 1.02 -9.55	28.20 1.02 -7.51	27.38 1.27 -0.62	28.45 1.33 0.00	31.00 1.36 0.00	37.78 2.10 0.00	41.86 2.45 -2.35	36.50 2.29 -0.03	35.71 1.86 0.00	34.14 1.53 0.00	33.87 1.40 0.00	34.15 1.35 0.00	34.23 1.22 0.00	34.55 1.33 0.00	35.17 1.42 0.00	37.72 2.20 0.00	41.92 2.30 0.00	36.81 2.05 0.00	34.48 1.42 0.00	32.72 1.38 0.00	31.00 1.25 0.00	29.83 1.20 0.00	29.98 0.85 0.00
CRICKET___VALLEY_CC2 323757	32.99 0.99 -13.70	29.54 1.02 -9.55	28.20 1.02 -7.51	27.38 1.27 -0.62	28.45 1.33 0.00	31.00 1.36 0.00	37.78 2.10 0.00	41.86 2.45 -2.35	36.50 2.29 -0.03	35.71 1.86 0.00	34.14 1.53 0.00	33.87 1.40 0.00	34.15 1.35 0.00	34.23 1.22 0.00	34.55 1.33 0.00	35.17 1.42 0.00	37.72 2.20 0.00	41.92 2.30 0.00	36.81 2.05 0.00	34.48 1.42 0.00	32.72 1.38 0.00	31.00 1.25 0.00	29.83 1.20 0.00	29.98 0.85 0.00
CRICKET___VALLEY_CC3 323758	32.99 0.99 -13.70	29.54 1.02 -9.55	28.20 1.02 -7.51	27.38 1.27 -0.62	28.45 1.33 0.00	31.00 1.36 0.00	37.78 2.10 0.00	41.86 2.45 -2.35	36.50 2.29 -0.03	35.71 1.86 0.00	34.14 1.53 0.00	33.87 1.40 0.00	34.15 1.35 0.00	34.23 1.22 0.00	34.55 1.33 0.00	35.17 1.42 0.00	37.72 2.20 0.00	41.92 2.30 0.00	36.81 2.05 0.00	34.48 1.42 0.00	32.72 1.38 0.00	31.00 1.25 0.00	29.83 1.20 0.00	29.98 0.85 0.00
CRUCIBLE_METL_DRP 24180	20.60 -0.04 -2.33	20.55 -0.04 -1.63	20.91 -0.04 -1.28	25.49 -0.10 -0.10	27.01 -0.11 0.00	29.55 -0.09 0.00	35.85 0.18 0.00	37.57 0.11 -0.40	34.11 -0.07 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.96 -0.10 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	29.02 -0.12 0.00
DAHOWA___HYDRO 323763	35.74 0.88 -16.55	31.38 0.87 -11.54	29.65 0.91 -9.07	27.41 1.17 -0.75	28.40 1.28 0.00	31.00 1.36 0.00	37.78 2.10 0.00	42.16 2.26 -2.84	36.23 2.02 -0.04	35.48 1.62 0.00	34.08 1.47 0.00	34.04 1.56 0.00	34.29 1.48 0.00	34.49 1.49 0.00	34.82 1.59 0.00	35.40 1.65 0.00	37.72 2.20 0.00	42.00 2.38 0.00	36.70 1.95 0.00	34.95 1.88 0.00	33.12 1.79 0.00	31.42 1.67 0.00	30.21 1.57 0.00	30.39 1.25 0.00
DANC___LFGE 323619	20.26 -0.37 -2.32	20.18 -0.42 -1.63	20.16 -0.43 -0.92	25.03 -0.54 -0.08	26.55 -0.57 0.00	29.16 -0.48 0.00	35.53 -0.14 0.00	37.16 -0.18 -0.29	33.90 -0.27 0.00	33.55 -0.31 0.00	32.35 -0.26 0.00	32.25 -0.23 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.12 -0.10 0.00	33.75 0.00 0.00	35.52 0.00 0.00	39.74 0.12 0.00	34.55 -0.21 0.00	32.70 -0.36 0.00	30.90 -0.44 0.00	29.28 -0.48 0.00	28.12 -0.51 0.00	28.70 -0.44 0.00
DANSKAMMER___1 23586	32.51 1.14 -13.07	29.25 1.18 -9.11	28.01 1.18 -7.16	27.50 1.43 -0.59	28.67 1.55 0.00	31.15 1.51 0.00	38.06 2.39 0.00	41.97 2.67 -2.24	36.77 2.56 -0.03	35.95 2.10 0.00	34.53 1.92 0.00	34.26 1.79 0.00	34.51 1.70 0.00	34.59 1.58 0.00	34.92 1.69 0.00	35.50 1.75 0.00	38.08 2.56 0.00	42.32 2.70 0.00	37.15 2.40 0.00	34.81 1.75 0.00	33.06 1.72 0.00	31.33 1.58 0.00	30.06 1.43 0.00	30.27 1.14 0.00
DANSKAMMER___2 23589	32.51 1.14 -13.07	29.25 1.18 -9.11	28.01 1.18 -7.16	27.50 1.43 -0.59	28.67 1.55 0.00	31.15 1.51 0.00	38.06 2.39 0.00	41.97 2.67 -2.24	36.77 2.56 -0.03	35.95 2.10 0.00	34.53 1.92 0.00	34.26 1.79 0.00	34.51 1.70 0.00	34.59 1.58 0.00	34.92 1.69 0.00	35.50 1.75 0.00	38.08 2.56 0.00	42.32 2.70 0.00	37.15 2.40 0.00	34.81 1.75 0.00	33.06 1.72 0.00	31.33 1.58 0.00	30.06 1.43 0.00	30.27 1.14 0.00
DANSKAMMER___3 23590	32.51 1.14 -13.07	29.25 1.18 -9.11	28.01 1.18 -7.16	27.50 1.43 -0.59	28.67 1.55 0.00	31.15 1.51 0.00	38.06 2.39 0.00	41.97 2.67 -2.24	36.77 2.56 -0.03	35.95 2.10 0.00	34.53 1.92 0.00	34.26 1.79 0.00	34.51 1.70 0.00	34.59 1.58 0.00	34.92 1.69 0.00	35.50 1.75 0.00	38.08 2.56 0.00	42.32 2.70 0.00	37.15 2.40 0.00	34.81 1.75 0.00	33.06 1.72 0.00	31.33 1.58 0.00	30.06 1.43 0.00	30.27 1.14 0.00
DANSKAMMER___4 23591	32.51 1.14 -13.07	29.25 1.18 -9.11	28.01 1.18 -7.16	27.50 1.43 -0.59	28.67 1.55 0.00	31.15 1.51 0.00	38.06 2.39 0.00	41.97 2.67 -2.24	36.77 2.56 -0.03	35.95 2.10 0.00	34.53 1.92 0.00	34.26 1.79 0.00	34.51 1.70 0.00	34.59 1.58 0.00	34.92 1.69 0.00	35.50 1.75 0.00	38.08 2.56 0.00	42.32 2.70 0.00	37.15 2.40 0.00	34.81 1.75 0.00	33.06 1.72 0.00	31.33 1.58 0.00	30.06 1.43 0.00	30.27 1.14 0.00
DANSKAMMER___DIESEL 23592	32.51 1.13 -13.07	29.25 1.18 -9.11	28.01 1.18 -7.16	27.53 1.45 -0.59	28.67 1.55 0.00	31.15 1.51 0.00	38.06 2.39 0.00	41.97 2.67 -2.24	36.77 2.56 -0.03	35.95 2.10 0.00	34.53 1.92 0.00	34.26 1.79 0.00	34.55 1.74 0.00	34.59 1.58 0.00	34.92 1.69 0.00	35.54 1.79 0.00	38.11 2.59 0.00	42.32 2.69 0.00	37.16 2.40 0.00	34.81 1.75 0.00	33.06 1.72 0.00	31.33 1.58 0.00	30.09 1.46 0.00	30.27 1.14 0.00

DARBY___SOLAR 323810	35.71 0.88 -16.52	31.36 0.87 -11.52	29.63 0.91 -9.05	27.40 1.17 -0.74	28.40 1.28 0.00	31.00 1.36 0.00	37.71 2.03 0.00	42.08 2.19 -2.84	36.23 2.02 -0.04	35.44 1.59 0.00	34.04 1.43 0.00	34.00 1.53 0.00	34.25 1.44 0.00	34.43 1.42 0.00	34.75 1.53 0.00	35.34 1.59 0.00	37.69 2.17 0.00	41.96 2.34 0.00	36.67 1.91 0.00	34.85 1.78 0.00	33.03 1.69 0.00	31.33 1.58 0.00	30.12 1.49 0.00	30.33 1.20 0.00
DASHVILLE___HYD 23610	32.65 0.71 -13.63	29.19 0.72 -9.50	27.85 0.71 -7.47	26.92 0.82 -0.61	28.45 1.33 0.00	30.91 1.27 0.00	37.71 2.03 0.00	41.11 1.70 -2.34	36.36 2.15 -0.03	35.58 1.73 0.00	34.14 1.53 0.00	33.87 1.40 0.00	34.15 1.35 0.00	34.20 1.19 0.00	34.52 1.30 0.00	35.13 1.38 0.00	37.69 2.17 0.00	41.84 2.22 0.00	36.74 1.98 0.00	34.45 1.39 0.00	32.69 1.35 0.00	31.00 1.25 0.00	29.81 1.17 0.00	30.07 0.93 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	35.66 2.62 -14.74	32.49 2.58 -10.94	31.15 2.64 -8.84	31.55 3.16 -2.90	32.41 3.34 -1.95	35.29 3.82 -1.83	42.78 5.60 -1.51	48.51 6.04 -5.41	41.22 5.54 -1.51	40.31 4.98 -1.48	40.83 4.66 -3.56	42.71 4.45 -5.78	41.14 4.49 -3.84	43.51 4.49 -6.01	40.70 4.58 -2.89	44.42 4.69 -5.98	48.24 5.65 -7.07	57.60 5.86 -12.11	51.66 5.35 -11.55	46.67 4.69 -8.92	43.39 4.45 -7.60	38.90 4.14 -5.02	34.03 3.87 -1.53	33.92 3.35 -1.43
DELAWARE___LFGE 323621	24.98 0.62 -6.05	23.79 0.61 -4.22	23.61 0.63 -3.31	26.52 0.76 -0.27	27.99 0.87 0.00	30.65 1.01 0.00	37.46 1.78 0.00	39.84 1.74 -1.04	35.83 1.64 -0.01	35.21 1.35 0.00	33.85 1.24 0.00	33.65 1.17 0.00	33.99 1.18 0.00	34.16 1.16 0.00	34.39 1.16 0.00	35.03 1.28 0.00	37.22 1.70 0.00	41.56 1.94 0.00	36.43 1.67 0.00	34.25 1.19 0.00	32.47 1.13 0.00	30.76 1.01 0.00	29.58 0.94 0.00	29.98 0.85 0.00
DERFIELD_115KV_TB7 355931	18.71 0.07 -0.33	19.27 0.08 -0.23	19.93 0.08 -0.18	25.60 0.10 -0.01	27.23 0.11 0.00	29.76 0.12 0.00	35.89 0.21 0.00	37.34 0.22 -0.06	34.38 0.21 0.00	34.02 0.17 0.00	32.74 0.13 0.00	32.61 0.13 0.00	32.94 0.13 0.00	33.14 0.13 0.00	33.32 0.10 0.00	33.88 0.13 0.00	35.73 0.21 0.00	39.86 0.24 0.00	34.97 0.21 0.00	33.19 0.13 0.00	31.43 0.09 0.00	29.84 0.09 0.00	28.75 0.11 0.00	29.23 0.09 0.00
DOGLEVILLE___HYD 23807	19.38 0.75 -0.33	19.97 0.78 -0.23	20.70 0.85 -0.18	26.62 1.12 -0.01	28.37 1.25 0.00	31.06 1.42 0.00	37.60 1.93 0.00	39.08 1.96 -0.06	36.05 1.88 0.00	35.68 1.83 0.00	34.30 1.69 0.00	34.30 1.82 0.00	34.64 1.84 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.64 1.89 0.00	37.61 2.10 0.00	42.00 2.38 0.00	36.81 2.05 0.00	34.91 1.85 0.00	33.06 1.72 0.00	31.39 1.64 0.00	30.23 1.60 0.00	30.74 1.60 0.00
DUNKIRK___115KV_TB_200 55889	20.65 -0.88 -3.22	20.42 -0.80 -2.25	20.61 -0.83 -1.77	24.33 -1.30 -0.15	26.58 -0.54 0.00	29.43 -0.21 0.00	35.96 0.29 0.00	36.35 -1.26 -0.55	33.50 -0.68 -0.01	32.97 -0.88 0.00	31.89 -0.72 0.00	31.83 -0.65 0.00	32.25 -0.56 0.00	32.68 -0.33 0.00	32.69 -0.53 0.00	33.48 -0.27 0.00	35.13 -0.39 0.00	39.78 0.16 0.00	34.58 -0.17 0.00	32.63 -0.43 0.00	30.74 -0.60 0.00	29.16 -0.60 0.00	28.06 -0.57 0.00	29.14 0.00 0.00
DUNKIRK___1 23563	20.65 -0.88 -3.22	20.42 -0.80 -2.25	20.61 -0.83 -1.77	24.33 -1.30 -0.15	26.58 -0.54 0.00	29.43 -0.21 0.00	35.96 0.29 0.00	36.35 -1.26 -0.55	33.50 -0.68 -0.01	32.97 -0.88 0.00	31.89 -0.72 0.00	31.83 -0.65 0.00	32.25 -0.56 0.00	32.68 -0.33 0.00	32.69 -0.53 0.00	33.48 -0.27 0.00	35.13 -0.39 0.00	39.78 0.16 0.00	34.58 -0.17 0.00	32.63 -0.43 0.00	30.74 -0.60 0.00	29.16 -0.60 0.00	28.06 -0.57 0.00	29.14 0.00 0.00
DUNKIRK___2 23564	20.65 -0.88 -3.22	20.42 -0.80 -2.25	20.61 -0.83 -1.77	24.33 -1.30 -0.15	26.58 -0.54 0.00	29.43 -0.21 0.00	35.96 0.29 0.00	36.35 -1.26 -0.55	33.50 -0.68 -0.01	32.97 -0.88 0.00	31.89 -0.72 0.00	31.83 -0.65 0.00	32.25 -0.56 0.00	32.68 -0.33 0.00	32.69 -0.53 0.00	33.48 -0.27 0.00	35.13 -0.39 0.00	39.78 0.16 0.00	34.58 -0.17 0.00	32.63 -0.43 0.00	30.74 -0.60 0.00	29.16 -0.60 0.00	28.06 -0.57 0.00	29.14 0.00 0.00
DUNKIRK___3 23565	20.64 -0.88 -3.21	20.41 -0.80 -2.24	20.60 -0.83 -1.76	24.31 -1.33 -0.14	26.61 -0.52 0.00	29.43 -0.21 0.00	35.96 0.29 0.00	36.24 -1.37 -0.55	33.50 -0.68 -0.01	32.94 -0.91 0.00	31.86 -0.75 0.00	31.80 -0.68 0.00	32.19 -0.62 0.00	32.61 -0.40 0.00	32.63 -0.60 0.00	33.41 -0.34 0.00	35.06 -0.46 0.00	39.70 0.08 0.00	34.51 -0.24 0.00	32.57 -0.50 0.00	30.71 -0.63 0.00	29.16 -0.60 0.00	28.06 -0.57 0.00	29.14 0.00 0.00
DUNKIRK___4 23566	20.59 -0.90 -3.18	20.35 -0.83 -2.22	20.55 -0.87 -1.74	24.28 -1.35 -0.14	26.55 -0.57 0.00	29.37 -0.27 0.00	35.89 0.21 0.00	36.20 -1.41 -0.55	33.43 -0.75 -0.01	32.87 -0.98 0.00	31.82 -0.78 0.00	31.73 -0.75 0.00	32.15 -0.66 0.00	32.58 -0.43 0.00	32.59 -0.63 0.00	33.38 -0.37 0.00	35.02 -0.50 0.00	39.66 0.04 0.00	34.48 -0.28 0.00	32.53 -0.53 0.00	30.68 -0.66 0.00	29.10 -0.65 0.00	28.00 -0.63 0.00	29.08 -0.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.45 1.15 -12.99	29.20 1.18 -9.06	27.99 1.20 -7.12	27.50 1.43 -0.58	28.61 1.49 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.18 2.89 -2.23	36.97 2.77 -0.03	36.19 2.34 0.00	34.73 2.12 0.00	34.52 2.05 0.00	34.81 2.00 0.00	34.89 1.88 0.00	35.12 1.89 0.00	35.71 1.96 0.00	38.33 2.81 0.00	42.47 2.85 0.00	37.36 2.61 0.00	35.01 1.95 0.00	33.28 1.94 0.00	31.48 1.73 0.00	30.26 1.63 0.00	30.36 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.97 0.99 -12.68	28.83 1.02 -8.84	27.64 1.02 -6.95	27.31 1.25 -0.57	28.45 1.33 0.00	30.94 1.30 0.00	37.81 2.14 0.00	41.61 2.37 -2.18	36.50 2.29 -0.03	35.71 1.86 0.00	34.27 1.66 0.00	34.04 1.56 0.00	34.32 1.51 0.00	34.36 1.35 0.00	34.69 1.46 0.00	35.27 1.52 0.00	37.79 2.27 0.00	41.96 2.34 0.00	36.88 2.12 0.00	34.58 1.52 0.00	32.84 1.50 0.00	31.12 1.37 0.00	29.92 1.29 0.00	30.10 0.96 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.61 1.32 -12.99	29.35 1.33 -9.06	28.11 1.32 -7.12	27.65 1.58 -0.58	28.78 1.65 0.00	31.18 1.54 0.00	38.06 2.39 0.00	42.07 2.78 -2.23	36.94 2.73 -0.03	36.19 2.34 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.08 1.86 0.00	35.61 1.86 0.00	38.33 2.81 0.00	42.47 2.85 0.00	37.40 2.64 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.42 1.67 0.00	30.44 1.80 0.00	30.57 1.43 0.00
E179THST_13_KV_LOAD 356214	32.68 1.39 -12.99	29.41 1.38 -9.06	28.18 1.40 -7.12	27.73 1.66 -0.58	28.86 1.74 0.00	31.27 1.63 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.36 2.50 0.00	34.92 2.32 0.00	34.75 2.27 0.00	35.04 2.23 0.00	35.09 2.08 0.00	35.25 2.03 0.00	35.77 2.02 0.00	38.50 2.98 0.00	42.67 3.05 0.00	37.57 2.82 0.00	35.14 2.08 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.55 1.92 0.00	30.68 1.54 0.00

EAST HAMPTON___GT 23717	35.88 2.84 -14.74	32.70 2.79 -10.94	31.36 2.85 -8.84	31.73 3.34 -2.90	32.69 3.61 -1.95	35.62 4.15 -1.83	43.32 6.14 -1.51	49.06 6.60 -5.41	41.80 6.12 -1.51	40.75 5.41 -1.48	41.26 5.08 -3.56	43.13 4.87 -5.78	41.57 4.92 -3.84	43.81 4.78 -6.01	41.03 4.92 -2.89	44.83 5.10 -5.98	48.63 6.04 -7.07	58.20 6.46 -12.11	52.15 5.84 -11.55	47.14 5.16 -8.92	43.93 4.98 -7.61	39.26 4.49 -5.02	34.40 4.24 -1.53	34.24 3.67 -1.44
EAST RIVER___6 23660	32.45 1.15 -12.99	29.22 1.20 -9.06	27.99 1.20 -7.12	27.50 1.43 -0.58	28.61 1.49 0.00	31.15 1.51 0.00	38.21 2.53 0.00	42.22 2.93 -2.23	37.04 2.83 -0.03	36.29 2.44 0.00	34.86 2.25 0.00	34.69 2.21 0.00	34.97 2.16 0.00	35.02 2.01 0.00	35.22 1.99 0.00	35.71 1.96 0.00	38.39 2.88 0.00	42.60 2.97 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.37 2.04 0.00	31.51 1.75 0.00	30.35 1.72 0.00	30.39 1.25 0.00
EAST RIVER___7 23524	32.45 1.15 -12.99	29.22 1.20 -9.06	27.99 1.20 -7.12	27.50 1.43 -0.58	28.61 1.49 0.00	31.15 1.51 0.00	38.21 2.53 0.00	42.22 2.93 -2.23	37.04 2.83 -0.03	36.29 2.44 0.00	34.86 2.25 0.00	34.69 2.21 0.00	34.97 2.16 0.00	35.02 2.01 0.00	35.22 1.99 0.00	35.71 1.96 0.00	38.39 2.88 0.00	42.60 2.97 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.37 2.04 0.00	31.51 1.75 0.00	30.35 1.72 0.00	30.39 1.25 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.38 1.12 -12.96	29.14 1.14 -9.04	27.93 1.16 -7.10	27.47 1.40 -0.58	28.56 1.44 0.00	31.15 1.51 0.00	38.13 2.46 0.00	42.07 2.78 -2.23	36.87 2.67 -0.03	36.09 2.23 0.00	34.63 2.02 0.00	34.43 1.95 0.00	34.71 1.90 0.00	34.76 1.75 0.00	35.02 1.79 0.00	35.61 1.86 0.00	38.22 2.70 0.00	42.36 2.73 0.00	37.26 2.50 0.00	34.91 1.85 0.00	33.19 1.85 0.00	31.39 1.64 0.00	30.18 1.55 0.00	30.30 1.17 0.00
EAST_HAMPTON___DIESEL 23722	35.88 2.84 -14.74	32.70 2.79 -10.94	31.36 2.85 -8.84	31.73 3.34 -2.90	32.69 3.61 -1.95	35.62 4.15 -1.83	43.32 6.14 -1.51	49.06 6.60 -5.41	41.80 6.12 -1.51	40.75 5.41 -1.48	41.26 5.08 -3.56	43.13 4.87 -5.78	41.57 4.92 -3.84	43.84 4.82 -6.01	41.03 4.92 -2.89	44.83 5.10 -5.98	48.66 6.07 -7.07	58.20 6.46 -12.11	52.15 5.84 -11.55	47.14 5.16 -8.92	43.93 4.98 -7.61	39.26 4.49 -5.02	34.40 4.24 -1.53	34.27 3.70 -1.44
EAST_PULASKI___ESR 323781	19.89 -0.33 -1.92	19.94 -0.36 -1.34	20.35 -0.37 -1.05	25.09 -0.48 -0.09	26.58 -0.54 0.00	29.11 -0.53 0.00	35.39 -0.29 0.00	37.02 -0.37 -0.33	33.70 -0.48 0.00	33.28 -0.58 0.00	32.09 -0.52 0.00	31.96 -0.52 0.00	32.32 -0.49 0.00	32.55 -0.46 0.00	32.76 -0.47 0.00	33.31 -0.44 0.00	35.16 -0.36 0.00	39.34 -0.28 0.00	34.34 -0.42 0.00	32.50 -0.56 0.00	30.71 -0.63 0.00	29.13 -0.62 0.00	27.97 -0.66 0.00	28.61 -0.52 0.00
EAST_RIVER___1 323558	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.28 2.60 0.00	42.26 2.97 -2.23	37.04 2.83 -0.03	36.29 2.44 0.00	34.83 2.22 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.95 1.95 0.00	35.18 1.96 0.00	35.67 1.92 0.00	38.36 2.84 0.00	42.55 2.93 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.35 2.01 0.00	31.54 1.79 0.00	30.35 1.72 0.00	30.42 1.28 0.00
EAST_RIVER___2 323559	32.45 1.15 -12.99	29.22 1.20 -9.06	27.99 1.20 -7.12	27.50 1.43 -0.58	28.61 1.49 0.00	31.15 1.51 0.00	38.21 2.53 0.00	42.22 2.93 -2.23	37.04 2.83 -0.03	36.29 2.44 0.00	34.86 2.25 0.00	34.69 2.21 0.00	34.97 2.16 0.00	35.02 2.01 0.00	35.22 1.99 0.00	35.71 1.96 0.00	38.39 2.88 0.00	42.60 2.97 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.37 2.04 0.00	31.51 1.75 0.00	30.35 1.72 0.00	30.39 1.25 0.00
EAST___DELAWARE_HYD 23607	31.39 1.21 -11.88	28.48 1.23 -8.28	27.42 1.24 -6.51	27.50 1.48 -0.53	28.75 1.63 0.00	31.24 1.60 0.00	38.21 2.53 0.00	41.91 2.82 -2.04	36.87 2.67 -0.03	35.99 2.13 0.00	34.63 2.02 0.00	34.36 1.88 0.00	34.58 1.77 0.00	34.66 1.65 0.00	35.02 1.79 0.00	35.61 1.86 0.00	38.18 2.67 0.00	42.48 2.85 0.00	37.29 2.54 0.00	34.95 1.88 0.00	33.19 1.85 0.00	31.45 1.70 0.00	30.15 1.52 0.00	30.45 1.31 0.00
EIGHT_POINT___WT_PWR 323820	21.33 -0.64 -3.66	20.97 -0.55 -2.56	21.21 -0.47 -2.01	24.97 -0.69 -0.17	27.10 -0.03 0.00	29.97 0.33 0.00	36.67 1.00 0.00	37.76 0.07 -0.63	34.56 0.38 -0.01	33.99 0.14 0.00	32.80 0.20 0.00	32.74 0.26 0.00	33.27 0.46 0.00	33.67 0.66 0.00	33.75 0.53 0.00	34.46 0.71 0.00	36.41 0.89 0.00	41.13 1.51 0.00	35.77 1.01 0.00	33.76 0.70 0.00	31.74 0.41 0.00	30.17 0.42 0.00	28.98 0.34 0.00	29.95 0.81 0.00
ELBRIDGE_115KV_TB2 80188	20.65 -0.15 -2.49	20.55 -0.15 -1.74	20.88 -0.16 -1.37	25.35 -0.25 -0.11	26.85 -0.27 0.00	29.40 -0.24 0.00	35.67 0.00 0.00	37.34 -0.15 -0.43	33.94 -0.24 -0.01	33.44 -0.41 0.00	32.25 -0.36 0.00	32.09 -0.39 0.00	32.45 -0.36 0.00	32.68 -0.33 0.00	32.86 -0.37 0.00	33.41 -0.34 0.00	35.34 -0.18 0.00	39.54 -0.08 0.00	34.58 -0.17 0.00	32.73 -0.33 0.00	30.99 -0.34 0.00	29.37 -0.39 0.00	28.23 -0.40 0.00	28.91 -0.23 0.00
ELEC_TRO_TEK 24086	45.94 1.54 -26.10	43.75 1.59 -23.19	41.33 1.61 -20.04	45.43 1.99 -17.95	43.86 2.09 -14.65	45.56 2.22 -13.70	50.26 3.32 -11.27	66.59 3.63 -25.89	48.72 3.45 -11.09	48.00 3.01 -11.14	62.01 2.74 -26.66	78.37 2.66 -43.23	64.14 2.62 -28.71	80.44 2.48 -44.96	57.26 2.49 -21.55	80.95 2.56 -44.63	91.82 3.45 -52.86	133.69 3.57 -90.51	124.35 3.27 -86.33	102.18 2.58 -66.54	90.69 2.51 -56.84	69.45 2.29 -37.41	42.35 2.23 -11.49	41.77 1.86 -10.77
ELLENBURG_WT_PWR 323604	-7.04 -1.02 24.32	0.27 -1.06 17.63	18.57 -1.10 0.00	24.42 -1.07 0.00	26.28 -0.84 0.00	29.02 -0.62 0.00	34.64 -1.04 0.00	36.24 -0.89 -0.07	34.86 0.68 0.00	37.84 3.99 0.00	37.69 5.08 0.00	40.08 7.60 0.00	41.77 8.96 0.00	44.73 11.72 0.00	43.49 10.27 0.00	45.97 12.22 0.00	46.82 11.30 0.00	51.15 11.53 0.00	35.18 0.42 0.00	33.72 0.66 0.00	32.31 0.97 0.00	30.77 1.01 0.00	29.49 0.86 0.00	30.10 0.96 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.44 -0.97 -3.10	20.24 -0.89 -2.16	20.43 -0.94 -1.70	24.12 -1.50 -0.14	26.25 -0.87 0.00	29.05 -0.59 0.00	35.35 -0.32 0.00	35.78 -1.82 -0.53	32.85 -1.33 -0.01	32.33 -1.52 0.00	31.30 -1.30 0.00	31.18 -1.30 0.00	31.56 -1.25 0.00	31.98 -1.02 0.00	31.99 -1.23 0.00	32.74 -1.01 0.00	34.31 -1.21 0.00	38.87 -0.75 0.00	33.85 -0.90 0.00	31.97 -1.09 0.00	30.12 -1.22 0.00	28.59 -1.16 0.00	27.52 -1.12 0.00	28.67 -0.47 0.00
EMPIRE_CC_1 323656	34.53 0.62 -15.60	30.51 0.66 -10.88	28.91 0.69 -8.55	27.11 0.92 -0.70	28.10 0.97 0.00	30.62 0.98 0.00	37.03 1.36 0.00	41.26 1.52 -2.68	35.65 1.44 -0.04	34.87 1.01 0.00	33.39 0.78 0.00	33.19 0.71 0.00	33.46 0.66 0.00	33.60 0.59 0.00	33.92 0.70 0.00	34.56 0.81 0.00	36.98 1.46 0.00	41.13 1.51 0.00	36.08 1.32 0.00	33.89 0.83 0.00	32.15 0.81 0.00	30.56 0.80 0.00	29.41 0.77 0.00	29.60 0.46 0.00

EMPIRE_CC_2 323658	34.53 0.62 -15.60	30.51 0.66 -10.88	28.91 0.69 -8.55	27.11 0.92 -0.70	28.10 0.97 0.00	30.62 0.98 0.00	37.03 1.36 0.00	41.26 1.52 -2.68	35.65 1.44 -0.04	34.87 1.01 0.00	33.39 0.78 0.00	33.19 0.71 0.00	33.46 0.66 0.00	33.60 0.59 0.00	33.92 0.70 0.00	34.56 0.81 0.00	36.98 1.46 0.00	41.13 1.51 0.00	36.08 1.32 0.00	33.89 0.83 0.00	32.15 0.81 0.00	30.56 0.80 0.00	29.41 0.77 0.00	29.60 0.46 0.00
ENORWICH_115KV_TB1 80156	24.23 1.13 -4.79	23.44 1.14 -3.34	23.46 1.16 -2.62	27.31 1.61 -0.22	28.99 1.87 0.00	32.13 2.49 0.00	39.53 3.85 0.00	41.77 3.89 -0.82	37.74 3.55 -0.01	37.30 3.45 0.00	35.97 3.36 0.00	35.66 3.18 0.00	35.96 3.15 0.00	36.24 3.23 0.00	36.55 3.32 0.00	37.29 3.54 0.00	39.50 3.98 0.00	44.50 4.87 0.00	38.86 4.10 0.00	36.57 3.50 0.00	34.53 3.20 0.00	32.67 2.92 0.00	31.15 2.52 0.00	31.70 2.56 0.00
ERIE_ST__34_KV_TB1-2 80199	20.39 -1.06 -3.15	20.14 -1.02 -2.20	20.33 -1.06 -1.73	24.00 -1.63 -0.14	26.74 -0.38 0.00	29.58 -0.06 0.00	36.49 0.82 0.00	35.53 -2.08 -0.54	34.11 -0.07 -0.01	33.58 -0.27 0.00	32.48 -0.13 0.00	32.41 -0.06 0.00	32.78 -0.03 0.00	33.17 0.17 0.00	33.16 -0.07 0.00	33.99 0.24 0.00	35.63 0.11 0.00	39.90 0.28 0.00	34.69 -0.07 0.00	32.76 -0.30 0.00	30.87 -0.47 0.00	29.31 -0.45 0.00	28.17 -0.46 0.00	29.20 0.06 0.00
ERIE_WT_PWR 323693	20.52 -0.91 -3.13	20.30 -0.85 -2.18	20.48 -0.90 -1.72	24.23 -1.40 -0.14	26.47 -0.65 0.00	29.29 -0.35 0.00	35.67 0.00 0.00	35.97 -1.63 -0.54	33.16 -1.02 -0.01	32.67 -1.19 0.00	31.63 -0.98 0.00	31.53 -0.94 0.00	31.96 -0.85 0.00	32.31 -0.69 0.00	32.33 -0.90 0.00	33.04 -0.71 0.00	34.67 -0.85 0.00	39.30 -0.32 0.00	34.24 -0.52 0.00	32.33 -0.73 0.00	30.43 -0.91 0.00	28.95 -0.80 0.00	27.86 -0.77 0.00	28.99 -0.14 0.00
ESPRGFLD_115KV_TB1 80157	18.00 0.51 0.82	18.87 0.47 0.57	19.67 0.45 0.45	26.01 0.56 0.04	27.80 0.68 0.00	30.56 0.92 0.00	37.49 1.82 0.00	38.62 1.70 0.14	35.71 1.54 0.00	35.14 1.29 0.00	33.85 1.24 0.00	33.68 1.20 0.00	33.96 1.15 0.00	34.20 1.19 0.00	34.45 1.23 0.00	35.10 1.35 0.00	37.29 1.78 0.00	41.72 2.10 0.00	36.43 1.67 0.00	34.28 1.22 0.00	32.47 1.13 0.00	30.79 1.04 0.00	29.52 0.89 0.00	29.90 0.76 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.40 0.29 -3.80	21.92 0.30 -2.65	22.07 0.31 -2.08	26.02 0.36 -0.17	27.61 0.49 0.00	30.32 0.68 0.00	36.96 1.28 0.00	38.90 1.19 -0.65	35.24 1.06 -0.01	34.77 0.91 0.00	33.45 0.85 0.00	33.32 0.84 0.00	33.66 0.85 0.00	33.93 0.92 0.00	34.12 0.90 0.00	34.73 0.98 0.00	36.80 1.28 0.00	41.25 1.62 0.00	36.04 1.29 0.00	34.05 0.99 0.00	32.15 0.81 0.00	30.50 0.74 0.00	29.23 0.60 0.00	29.87 0.73 0.00
ETNA_____115KV_TB2 80207	22.40 0.29 -3.80	21.92 0.30 -2.65	22.07 0.31 -2.08	26.02 0.36 -0.17	27.61 0.49 0.00	30.32 0.68 0.00	36.96 1.28 0.00	38.90 1.19 -0.65	35.24 1.06 -0.01	34.77 0.91 0.00	33.45 0.85 0.00	33.32 0.84 0.00	33.66 0.85 0.00	33.93 0.92 0.00	34.12 0.90 0.00	34.73 0.98 0.00	36.80 1.28 0.00	41.25 1.62 0.00	36.04 1.29 0.00	34.05 0.99 0.00	32.15 0.81 0.00	30.50 0.74 0.00	29.23 0.60 0.00	29.87 0.73 0.00
EUCLID__115KV_TB2 356179	20.27 -0.24 -2.20	20.26 -0.25 -1.54	20.62 -0.26 -1.21	25.20 -0.38 -0.10	26.72 -0.41 0.00	29.20 -0.44 0.00	35.42 -0.25 0.00	37.03 -0.41 -0.38	33.67 -0.51 -0.01	33.21 -0.64 0.00	31.99 -0.62 0.00	31.86 -0.62 0.00	32.19 -0.62 0.00	32.41 -0.59 0.00	32.63 -0.60 0.00	33.18 -0.57 0.00	35.06 -0.46 0.00	39.19 -0.44 0.00	34.31 -0.45 0.00	32.47 -0.60 0.00	30.71 -0.63 0.00	29.13 -0.62 0.00	28.00 -0.63 0.00	28.67 -0.47 0.00
E_CANADA_CAP_HY 24051	38.55 0.55 -19.69	33.17 0.47 -13.73	30.93 0.47 -10.79	26.99 0.61 -0.89	27.83 0.70 0.00	30.53 0.89 0.00	37.49 1.82 0.00	42.11 1.67 -3.38	35.69 1.47 -0.05	34.97 1.12 0.00	33.72 1.11 0.00	33.58 1.10 0.00	33.83 1.02 0.00	34.06 1.06 0.00	34.35 1.13 0.00	35.03 1.28 0.00	37.26 1.74 0.00	41.64 2.02 0.00	36.25 1.49 0.00	34.19 1.12 0.00	32.40 1.07 0.00	30.79 1.04 0.00	29.52 0.89 0.00	29.78 0.64 0.00
E_CANADA_MHWK_HY 24050	19.38 0.75 -0.33	19.97 0.78 -0.23	20.70 0.85 -0.18	26.62 1.12 -0.01	28.37 1.25 0.00	31.06 1.42 0.00	37.60 1.93 0.00	39.08 1.96 -0.06	36.05 1.88 0.00	35.68 1.83 0.00	34.30 1.69 0.00	34.30 1.82 0.00	34.64 1.84 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.64 1.89 0.00	37.61 2.10 0.00	42.00 2.38 0.00	36.81 2.05 0.00	34.91 1.85 0.00	33.06 1.72 0.00	31.39 1.64 0.00	30.23 1.60 0.00	30.74 1.60 0.00
E_FISHKILL__LBMP 23776	32.54 1.01 -13.23	29.23 1.04 -9.22	27.98 1.06 -7.25	27.38 1.30 -0.60	28.48 1.36 0.00	31.03 1.39 0.00	37.89 2.21 0.00	41.85 2.52 -2.27	36.60 2.39 -0.03	35.81 1.96 0.00	34.37 1.76 0.00	34.13 1.66 0.00	34.42 1.61 0.00	34.46 1.45 0.00	34.75 1.53 0.00	35.34 1.59 0.00	37.90 2.38 0.00	42.04 2.42 0.00	36.95 2.19 0.00	34.65 1.59 0.00	32.91 1.57 0.00	31.18 1.43 0.00	29.98 1.35 0.00	30.13 0.99 0.00
FALCON__SEABRD_CC1 323796	-6.94 -0.79 24.46	0.40 -0.83 17.74	18.81 -0.87 0.00	24.72 -0.76 0.00	26.64 -0.49 0.00	29.40 -0.24 0.00	35.14 -0.53 0.00	36.54 -0.59 -0.07	35.13 0.96 0.00	38.12 4.27 0.00	37.96 5.35 0.00	40.33 7.86 0.00	42.06 9.25 0.00	44.99 11.98 0.00	43.79 10.57 0.00	46.20 12.45 0.00	47.10 11.58 0.00	51.35 11.73 0.00	35.52 0.76 0.00	34.02 0.96 0.00	32.81 1.47 0.00	31.21 1.46 0.00	29.92 1.29 0.00	30.57 1.43 0.00
FALCON__SEABRD_CC2 323797	-6.94 -0.79 24.46	0.40 -0.83 17.74	18.81 -0.87 0.00	24.72 -0.76 0.00	26.64 -0.49 0.00	29.40 -0.24 0.00	35.14 -0.53 0.00	36.54 -0.59 -0.07	35.13 0.96 0.00	38.12 4.27 0.00	37.96 5.35 0.00	40.33 7.86 0.00	42.06 9.25 0.00	44.99 11.98 0.00	43.79 10.57 0.00	46.20 12.45 0.00	47.10 11.58 0.00	51.35 11.73 0.00	35.52 0.76 0.00	34.02 0.96 0.00	32.81 1.47 0.00	31.21 1.46 0.00	29.92 1.29 0.00	30.57 1.43 0.00
FAR ROCKAWAY__4 23548	62.62 1.81 -42.50	61.70 1.86 -40.87	57.79 1.91 -36.21	67.51 2.34 -39.68	62.56 2.47 -32.96	63.11 2.64 -30.84	64.91 3.89 -25.35	96.75 4.22 -55.46	63.11 4.00 -24.93	62.47 3.55 -25.07	95.86 3.26 -59.99	132.94 3.18 -97.28	100.56 3.15 -64.60	137.20 3.04 -101.16	84.78 3.09 -48.47	137.33 3.17 -100.41	158.58 4.12 -118.94	247.62 4.36 -203.64	232.93 3.93 -194.24	185.93 3.17 -149.70	162.31 3.07 -127.90	116.67 2.77 -84.15	57.15 2.66 -25.86	55.68 2.30 -24.24
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.48 1.19 -12.99	29.25 1.23 -9.06	28.05 1.26 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.24 1.60 0.00	38.31 2.64 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.86 2.25 0.00	34.65 2.18 0.00	34.94 2.13 0.00	34.99 1.98 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.38 1.75 0.00	30.45 1.31 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.50 1.21 -12.99	29.25 1.23 -9.06	28.05 1.26 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.24 1.60 0.00	38.31 2.64 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.86 2.25 0.00	34.65 2.18 0.00	34.94 2.13 0.00	34.99 1.98 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.57 1.81 0.00	30.38 1.75 0.00	30.45 1.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.48 1.19 -12.99	29.25 1.23 -9.06	28.03 1.24 -7.12	27.58 1.50 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.28 2.60 0.00	42.25 2.96 -2.23	37.04 2.84 -0.03	36.29 2.44 0.00	34.82 2.22 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.43 2.91 0.00	42.55 2.93 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.35 1.72 0.00	30.42 1.28 0.00
FARRAGUT___LBMP 323566	32.46 1.17 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.28 2.60 0.00	42.25 2.96 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.51 2.89 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.35 1.72 0.00	30.42 1.28 0.00
FENNER___WINDPWR 24204	20.93 0.29 -2.33	20.88 0.28 -1.63	21.25 0.30 -1.28	25.98 0.38 -0.11	27.58 0.46 0.00	30.29 0.65 0.00	36.85 1.18 0.00	38.61 1.15 -0.40	35.17 0.99 -0.01	34.73 0.88 0.00	33.42 0.82 0.00	33.35 0.88 0.00	33.76 0.95 0.00	33.97 0.96 0.00	34.19 0.96 0.00	34.76 1.01 0.00	36.69 1.17 0.00	40.97 1.35 0.00	35.80 1.04 0.00	33.85 0.79 0.00	32.03 0.69 0.00	30.35 0.59 0.00	29.15 0.52 0.00	29.72 0.58 0.00
FIBERTEK___ENERGY 23856	20.60 -0.04 -2.33	20.55 -0.04 -1.63	20.91 -0.04 -1.28	25.49 -0.10 -0.10	27.01 -0.11 0.00	29.55 -0.09 0.00	35.85 0.18 0.00	37.57 0.11 -0.40	34.11 -0.07 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.96 -0.10 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	29.02 -0.12 0.00
FITZPATRICK____ 23598	19.56 -0.48 -1.73	19.68 -0.49 -1.20	20.11 -0.51 -0.95	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.28 -1.08 -0.30	33.05 -1.13 0.00	32.67 -1.19 0.00	31.47 -1.14 0.00	31.34 -1.14 0.00	31.66 -1.15 0.00	31.89 -1.12 0.00	32.06 -1.16 0.00	32.60 -1.15 0.00	34.42 -1.10 0.00	38.47 -1.15 0.00	33.68 -1.08 0.00	31.94 -1.12 0.00	30.21 -1.13 0.00	28.68 -1.07 0.00	27.60 -1.03 0.00	28.26 -0.87 0.00
FLOWRFLD_69_KV_BK1 356044	35.26 2.11 -14.85	32.13 2.11 -11.06	30.76 2.14 -8.95	31.11 2.57 -3.05	31.91 2.71 -2.08	34.63 3.05 -1.94	41.84 4.57 -1.60	47.63 4.97 -5.60	40.35 4.58 -1.60	39.52 4.10 -1.58	40.14 3.75 -3.78	42.22 3.61 -6.14	40.53 3.64 -4.08	42.96 3.56 -6.39	39.92 3.62 -3.07	43.82 3.71 -6.35	47.68 4.65 -7.51	57.16 4.68 -12.86	51.34 4.31 -12.27	46.27 3.74 -9.47	42.99 3.57 -8.08	38.35 3.27 -5.33	33.35 3.09 -1.63	33.26 2.59 -1.52
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.58 1.17 -13.10	29.30 1.19 -9.14	28.07 1.22 -7.18	27.58 1.50 -0.59	28.72 1.60 0.00	31.21 1.57 0.00	38.13 2.46 0.00	42.05 2.74 -2.25	36.84 2.63 -0.03	36.02 2.17 0.00	34.60 1.99 0.00	34.33 1.85 0.00	34.61 1.80 0.00	34.66 1.65 0.00	34.98 1.76 0.00	35.61 1.86 0.00	38.18 2.66 0.00	42.40 2.77 0.00	37.23 2.47 0.00	34.88 1.82 0.00	33.12 1.79 0.00	31.39 1.64 0.00	30.12 1.49 0.00	30.30 1.17 0.00
FORT ORANGE____ 23900	34.81 0.42 -16.09	30.81 0.62 -11.22	29.17 0.69 -8.82	27.18 0.97 -0.72	28.18 1.06 0.00	30.65 1.01 0.00	37.03 1.36 0.00	41.31 1.48 -2.76	35.65 1.44 -0.04	34.87 1.01 0.00	33.45 0.85 0.00	33.29 0.81 0.00	33.53 0.72 0.00	33.70 0.69 0.00	34.02 0.80 0.00	34.66 0.91 0.00	37.05 1.53 0.00	41.21 1.59 0.00	36.11 1.35 0.00	33.92 0.86 0.00	32.18 0.85 0.00	30.56 0.80 0.00	29.43 0.80 0.00	29.58 0.44 0.00
FORT_DRUM_COGEN 23780	20.37 -0.29 -2.36	20.26 -0.38 -1.67	20.00 -0.39 -0.72	25.14 -0.41 -0.06	26.69 -0.43 0.00	29.40 -0.24 0.00	35.92 0.25 0.00	37.58 0.30 -0.23	34.38 0.21 0.00	34.09 0.24 0.00	32.87 0.26 0.00	32.83 0.36 0.00	33.30 0.49 0.00	33.57 0.56 0.00	33.82 0.60 0.00	34.36 0.61 0.00	36.05 0.53 0.00	40.45 0.83 0.00	35.00 0.24 0.00	33.09 0.03 0.00	31.28 -0.06 0.00	29.63 -0.12 0.00	28.46 -0.17 0.00	28.96 -0.17 0.00
FOX_HILLS___ESR 323835	32.58 1.28 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.12 1.48 0.00	38.10 2.43 0.00	42.18 2.89 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.86 2.25 0.00	34.69 2.21 0.00	34.97 2.17 0.00	35.02 2.01 0.00	35.15 1.93 0.00	35.64 1.89 0.00	38.47 2.95 0.00	42.59 2.97 0.00	37.57 2.82 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.51 1.76 0.00	30.38 1.75 0.00	30.48 1.34 0.00
FPL_FAR_ROCK_GT1 24212	62.62 1.81 -42.50	61.70 1.86 -40.87	57.78 1.91 -36.21	67.48 2.32 -39.68	62.55 2.47 -32.96	63.14 2.67 -30.84	64.95 3.92 -25.35	96.82 4.30 -55.46	63.14 4.03 -24.93	62.47 3.55 -25.07	95.86 3.26 -59.99	132.94 3.18 -97.28	100.56 3.15 -64.60	137.20 3.03 -101.16	84.75 3.05 -48.47	137.26 3.10 -100.41	158.51 4.05 -118.94	247.62 4.36 -203.64	232.92 3.93 -194.24	185.90 3.14 -149.70	162.31 3.07 -127.90	116.67 2.77 -84.15	57.15 2.66 -25.86	55.68 2.30 -24.24
FPL_FAR_ROCK_GT2 23815	62.62 1.81 -42.50	61.70 1.86 -40.87	57.78 1.91 -36.21	67.48 2.32 -39.68	62.55 2.47 -32.96	63.14 2.67 -30.84	64.95 3.92 -25.35	96.82 4.30 -55.46	63.14 4.03 -24.93	62.47 3.55 -25.07	95.86 3.26 -59.99	132.94 3.18 -97.28	100.56 3.15 -64.60	137.20 3.03 -101.16	84.75 3.05 -48.47	137.26 3.10 -100.41	158.51 4.05 -118.94	247.62 4.36 -203.64	232.92 3.93 -194.24	185.90 3.14 -149.70	162.31 3.07 -127.90	116.67 2.77 -84.15	57.15 2.66 -25.86	55.68 2.30 -24.24
FRANKLIN_FALL_HYD 24054	34.23 -0.70 -16.62	30.26 -0.76 -12.05	18.90 -0.77 0.00	24.80 -0.69 0.00	26.63 -0.49 0.00	29.37 -0.27 0.00	35.10 -0.57 0.00	36.84 -0.22 0.00	35.13 0.96 0.00	37.47 3.62 0.00	37.11 4.50 0.00	39.01 6.53 0.00	40.45 7.64 0.00	42.88 9.87 0.00	41.93 8.70 0.00	41.04 7.29 0.00	41.81 6.29 0.00	49.25 9.63 0.00	35.38 0.63 0.00	33.92 0.86 0.00	32.40 1.07 0.00	30.88 1.13 0.00	29.61 0.97 0.00	30.27 1.14 0.00
FREEPORT_EQUS_GT1 23764	44.67 1.70 -24.66	42.33 1.73 -21.64	40.04 1.75 -18.62	43.67 2.14 -16.05	42.44 2.28 -13.04	44.29 2.46 -12.19	49.38 3.68 -10.03	64.36 4.00 -23.30	47.85 3.79 -9.88	47.05 3.28 -9.91	59.30 2.97 -23.73	73.85 2.89 -38.48	61.22 2.85 -25.55	75.73 2.71 -40.01	55.16 2.76 -19.18	76.14 2.67 -39.73	86.01 3.44 -47.05	123.79 3.61 -80.56	114.90 3.30 -76.84	94.94 2.65 -59.23	84.50 2.57 -50.59	65.58 2.53 -33.30	41.35 2.49 -10.22	40.82 2.10 -9.58

FREEPORT___CT2 23818	44.67 1.70 -24.66	42.33 1.73 -21.64	40.04 1.75 -18.62	43.67 2.14 -16.05	42.44 2.28 -13.04	44.29 2.46 -12.19	49.38 3.68 -10.03	64.36 4.00 -23.30	47.85 3.79 -9.88	47.05 3.28 -9.91	59.30 2.97 -23.73	73.85 2.89 -38.48	61.22 2.85 -25.55	75.73 2.71 -40.01	55.16 2.76 -19.18	76.14 2.67 -39.73	86.01 3.44 -47.05	123.79 3.61 -80.56	114.90 3.30 -76.84	94.94 2.65 -59.23	84.50 2.57 -50.59	65.58 2.53 -33.30	41.35 2.49 -10.22	40.82 2.10 -9.58
FRESHKLS_33_KV_LOAD 356253	32.58 1.28 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.09 1.45 0.00	38.10 2.43 0.00	42.14 2.85 -2.23	36.94 2.73 -0.03	36.22 2.37 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.08 1.86 0.00	35.57 1.82 0.00	38.43 2.91 0.00	42.51 2.89 0.00	37.54 2.78 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.48 1.73 0.00	30.35 1.72 0.00	30.45 1.31 0.00
FULTON COGEN____ 23766	20.15 -0.26 -2.10	20.17 -0.27 -1.47	20.55 -0.28 -1.15	25.17 -0.41 -0.09	26.69 -0.43 0.00	29.17 -0.47 0.00	35.35 -0.32 0.00	36.98 -0.44 -0.36	33.67 -0.51 -0.01	33.21 -0.64 0.00	32.02 -0.59 0.00	31.89 -0.58 0.00	32.25 -0.56 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.21 -0.54 0.00	35.13 -0.39 0.00	39.27 -0.36 0.00	34.34 -0.42 0.00	32.53 -0.53 0.00	30.74 -0.60 0.00	29.16 -0.60 0.00	28.00 -0.63 0.00	28.67 -0.47 0.00
FULTON___LFGE 323630	38.52 1.59 -18.62	33.45 1.50 -12.98	31.41 1.54 -10.20	28.39 2.06 -0.84	29.43 2.30 0.00	32.31 2.67 0.00	39.88 4.21 0.00	44.48 4.22 -3.20	37.88 3.66 -0.04	37.07 3.22 0.00	35.87 3.26 0.00	35.79 3.31 0.00	35.93 3.12 0.00	36.31 3.30 0.00	36.65 3.42 0.00	37.60 3.85 0.00	39.89 4.37 0.00	44.49 4.87 0.00	38.44 3.68 0.00	36.34 3.27 0.00	34.41 3.07 0.00	32.61 2.86 0.00	31.21 2.58 0.00	31.35 2.21 0.00
G.F.CEMENT___DRP 24184	35.78 0.86 -16.61	31.36 0.82 -11.58	29.62 0.85 -9.10	27.33 1.10 -0.75	28.32 1.19 0.00	30.94 1.30 0.00	37.74 2.07 0.00	42.10 2.19 -2.85	36.20 1.98 -0.04	35.44 1.59 0.00	34.07 1.47 0.00	34.13 1.66 0.00	34.35 1.54 0.00	34.59 1.58 0.00	34.88 1.66 0.00	35.44 1.69 0.00	37.72 2.20 0.00	41.96 2.34 0.00	36.64 1.88 0.00	35.18 2.12 0.00	33.31 1.97 0.00	31.63 1.87 0.00	30.38 1.75 0.00	30.57 1.43 0.00
GARDENVILLE___LBMP 24039	20.47 -0.97 -3.14	20.26 -0.89 -2.19	20.44 -0.94 -1.72	24.15 -1.48 -0.14	26.36 -0.76 0.00	29.17 -0.47 0.00	35.53 -0.14 0.00	35.86 -1.74 -0.54	33.05 -1.13 -0.01	32.53 -1.32 0.00	31.47 -1.14 0.00	31.37 -1.10 0.00	31.76 -1.05 0.00	32.18 -0.83 0.00	32.19 -1.03 0.00	32.94 -0.81 0.00	34.56 -0.96 0.00	39.11 -0.52 0.00	34.06 -0.70 0.00	32.17 -0.89 0.00	30.34 -1.00 0.00	28.77 -0.98 0.00	27.69 -0.94 0.00	28.82 -0.32 0.00
GARDNVLA_35_KV_LD 355827	20.56 -0.88 -3.13	20.33 -0.82 -2.18	20.52 -0.87 -1.72	24.25 -1.38 -0.14	26.50 -0.62 0.00	29.34 -0.30 0.00	35.74 0.07 0.00	36.04 -1.56 -0.54	33.26 -0.92 -0.01	32.73 -1.12 0.00	31.66 -0.95 0.00	31.57 -0.91 0.00	31.96 -0.85 0.00	32.38 -0.63 0.00	32.36 -0.86 0.00	33.14 -0.61 0.00	34.74 -0.78 0.00	39.38 -0.24 0.00	34.27 -0.49 0.00	32.37 -0.69 0.00	30.52 -0.81 0.00	28.95 -0.80 0.00	27.86 -0.77 0.00	28.96 -0.17 0.00
GELCKHM___115KV_LOAD 80723	20.39 -0.16 -2.25	20.37 -0.17 -1.57	20.73 -0.18 -1.23	25.31 -0.28 -0.10	26.82 -0.30 0.00	29.31 -0.33 0.00	35.57 -0.11 0.00	37.22 -0.22 -0.39	33.84 -0.34 -0.01	33.38 -0.47 0.00	32.18 -0.42 0.00	32.02 -0.45 0.00	32.38 -0.43 0.00	32.61 -0.40 0.00	32.79 -0.43 0.00	33.35 -0.41 0.00	35.23 -0.28 0.00	39.42 -0.20 0.00	34.48 -0.28 0.00	32.63 -0.43 0.00	30.87 -0.47 0.00	29.25 -0.51 0.00	28.12 -0.52 0.00	28.79 -0.35 0.00
GENERAL___MILLS 23808	20.52 -0.92 -3.13	20.30 -0.85 -2.18	20.48 -0.90 -1.72	24.20 -1.43 -0.14	26.44 -0.68 0.00	29.28 -0.36 0.00	35.64 -0.04 0.00	35.97 -1.63 -0.54	33.19 -0.99 -0.01	32.67 -1.18 0.00	31.60 -1.01 0.00	31.50 -0.97 0.00	31.89 -0.92 0.00	32.28 -0.73 0.00	32.29 -0.93 0.00	33.04 -0.71 0.00	34.67 -0.85 0.00	39.31 -0.32 0.00	34.20 -0.56 0.00	32.30 -0.76 0.00	30.43 -0.91 0.00	28.89 -0.86 0.00	27.80 -0.83 0.00	28.91 -0.23 0.00
GE_PLASTICS___DRP 24183	34.98 0.55 -16.12	30.81 0.61 -11.24	29.17 0.67 -8.84	27.11 0.89 -0.73	28.07 0.95 0.00	30.56 0.92 0.00	36.96 1.28 0.00	41.24 1.41 -2.77	35.55 1.33 -0.04	34.83 0.98 0.00	33.42 0.82 0.00	33.26 0.78 0.00	33.53 0.72 0.00	33.67 0.66 0.00	33.99 0.76 0.00	34.63 0.88 0.00	36.94 1.42 0.00	41.09 1.47 0.00	36.01 1.25 0.00	33.89 0.83 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.38 0.74 0.00	29.60 0.47 0.00
GILBOA___1 23756	30.08 0.59 -11.19	27.37 0.61 -7.80	26.43 0.63 -6.13	26.76 0.76 -0.50	27.94 0.81 0.00	30.50 0.86 0.00	37.06 1.39 0.00	40.46 1.48 -1.92	35.60 1.40 -0.03	34.93 1.08 0.00	33.55 0.95 0.00	33.35 0.88 0.00	33.66 0.85 0.00	33.80 0.79 0.00	34.05 0.83 0.00	34.63 0.88 0.00	36.90 1.38 0.00	41.13 1.51 0.00	36.08 1.32 0.00	33.95 0.89 0.00	32.18 0.85 0.00	30.53 0.77 0.00	29.38 0.74 0.00	29.75 0.61 0.00
GILBOA___2 23757	30.08 0.59 -11.19	27.37 0.61 -7.80	26.43 0.63 -6.13	26.76 0.76 -0.50	27.94 0.81 0.00	30.50 0.86 0.00	37.06 1.39 0.00	40.46 1.48 -1.92	35.60 1.40 -0.03	34.93 1.08 0.00	33.55 0.95 0.00	33.35 0.88 0.00	33.66 0.85 0.00	33.80 0.79 0.00	34.05 0.83 0.00	34.63 0.88 0.00	36.90 1.38 0.00	41.13 1.51 0.00	36.08 1.32 0.00	33.95 0.89 0.00	32.18 0.85 0.00	30.53 0.77 0.00	29.38 0.74 0.00	29.75 0.61 0.00
GILBOA___3 23758	30.08 0.59 -11.19	27.37 0.61 -7.80	26.43 0.63 -6.13	26.76 0.76 -0.50	27.94 0.81 0.00	30.50 0.86 0.00	37.06 1.39 0.00	40.46 1.48 -1.92	35.60 1.40 -0.03	34.93 1.08 0.00	33.55 0.95 0.00	33.35 0.88 0.00	33.66 0.85 0.00	33.80 0.79 0.00	34.05 0.83 0.00	34.63 0.88 0.00	36.90 1.38 0.00	41.13 1.51 0.00	36.08 1.32 0.00	33.95 0.89 0.00	32.18 0.85 0.00	30.53 0.77 0.00	29.38 0.74 0.00	29.75 0.61 0.00
GILBOA___4 23759	30.08 0.59 -11.19	27.37 0.61 -7.80	26.43 0.63 -6.13	26.76 0.76 -0.50	27.94 0.81 0.00	30.50 0.86 0.00	37.06 1.39 0.00	40.46 1.48 -1.92	35.60 1.40 -0.03	34.93 1.08 0.00	33.55 0.95 0.00	33.35 0.88 0.00	33.66 0.85 0.00	33.80 0.79 0.00	34.05 0.83 0.00	34.63 0.88 0.00	36.90 1.38 0.00	41.13 1.51 0.00	36.08 1.32 0.00	33.95 0.89 0.00	32.18 0.85 0.00	30.53 0.77 0.00	29.38 0.74 0.00	29.75 0.61 0.00
GILBOA____ 23599	30.08 0.59 -11.19	27.37 0.61 -7.80	26.43 0.63 -6.13	26.76 0.76 -0.50	27.94 0.81 0.00	30.50 0.86 0.00	37.06 1.39 0.00	40.46 1.48 -1.92	35.60 1.40 -0.03	34.93 1.08 0.00	33.55 0.95 0.00	33.35 0.88 0.00	33.66 0.85 0.00	33.80 0.79 0.00	34.05 0.83 0.00	34.66 0.91 0.00	36.94 1.42 0.00	41.13 1.51 0.00	36.08 1.32 0.00	33.95 0.89 0.00	32.18 0.85 0.00	30.53 0.77 0.00	29.38 0.74 0.00	29.75 0.61 0.00

GINNA____ 23603	19.76 -1.19 -2.64	19.61 -1.19 -1.84	19.82 -1.30 -1.45	23.82 -1.78 -0.12	25.28 -1.85 0.00	27.86 -1.78 0.00	33.89 -1.78 0.00	35.55 -1.97 -0.45	32.03 -2.15 -0.01	31.58 -2.27 0.00	30.49 -2.12 0.00	30.37 -2.11 0.00	30.77 -2.03 0.00	31.06 -1.95 0.00	31.23 -1.99 0.00	31.73 -2.02 0.00	33.46 -2.06 0.00	37.60 -2.02 0.00	32.81 -1.95 0.00	31.08 -1.98 0.00	29.27 -2.07 0.00	27.76 -1.99 0.00	26.68 -1.95 0.00	27.48 -1.66 0.00
GLEN PARK____ 23778	20.40 -0.26 -2.35	20.29 -0.34 -1.67	20.07 -0.35 -0.75	25.19 -0.36 -0.06	26.74 -0.38 0.00	29.49 -0.15 0.00	36.07 0.39 0.00	37.74 0.45 -0.24	34.52 0.34 0.00	34.19 0.34 0.00	33.00 0.39 0.00	32.90 0.42 0.00	33.40 0.59 0.00	33.63 0.63 0.00	33.92 0.70 0.00	34.59 0.84 0.00	36.34 0.82 0.00	40.65 1.03 0.00	35.18 0.42 0.00	33.23 0.17 0.00	31.40 0.06 0.00	29.72 -0.03 0.00	28.55 -0.09 0.00	29.05 -0.09 0.00
GLENDALÉ_27_KV_LOAD 356172	32.63 1.34 -12.99	29.37 1.35 -9.06	28.15 1.36 -7.12	27.70 1.63 -0.58	28.83 1.71 0.00	31.33 1.69 0.00	38.38 2.71 0.00	42.44 3.15 -2.23	37.25 3.04 -0.03	36.49 2.64 0.00	35.05 2.45 0.00	34.88 2.40 0.00	35.17 2.36 0.00	35.22 2.21 0.00	35.42 2.19 0.00	35.94 2.19 0.00	38.68 3.16 0.00	42.87 3.25 0.00	37.75 2.99 0.00	35.31 2.25 0.00	33.53 2.19 0.00	31.69 1.93 0.00	30.52 1.89 0.00	30.62 1.49 0.00
GLENWOOD_IC_1_G5 23712	40.63 1.46 -20.86	38.01 1.50 -17.54	36.06 1.51 -14.87	38.36 1.86 -11.01	37.87 1.95 -8.79	39.94 2.07 -8.22	45.61 3.17 -6.76	56.98 3.48 -16.44	44.16 3.31 -6.67	43.45 2.91 -6.68	51.15 2.54 -16.00	60.90 2.47 -25.95	52.47 2.43 -17.23	62.30 2.31 -26.98	48.49 2.33 -12.94	62.94 2.40 -26.80	70.52 3.27 -31.73	97.32 3.37 -54.33	89.64 3.06 -51.82	75.39 2.38 -39.95	67.78 2.32 -34.12	54.33 2.11 -22.46	37.62 2.09 -6.89	37.32 1.72 -6.46
GLENWOOD_IC_2_G1 23688	36.47 1.34 -16.83	33.55 1.38 -13.20	31.97 1.40 -10.90	32.84 1.68 -5.67	33.20 1.79 -4.29	35.52 1.87 -4.01	41.90 2.93 -3.30	49.49 3.26 -9.17	40.52 3.08 -3.27	39.78 2.67 -3.26	42.86 2.45 -7.81	47.48 2.34 -12.67	43.51 2.30 -8.41	48.36 2.18 -13.17	41.74 2.19 -6.32	49.06 2.23 -13.09	54.06 3.06 -15.49	69.35 3.21 -26.52	62.98 2.92 -25.30	54.82 2.25 -19.51	50.22 2.23 -16.65	42.72 1.99 -10.97	33.91 1.92 -3.36	33.80 1.51 -3.15
GLENWOOD_IC_3_G1 23689	36.47 1.34 -16.83	33.55 1.38 -13.20	31.97 1.40 -10.90	32.84 1.68 -5.67	33.20 1.79 -4.29	35.52 1.87 -4.01	41.90 2.93 -3.30	49.49 3.26 -9.17	40.52 3.08 -3.27	39.78 2.67 -3.26	42.86 2.45 -7.81	47.48 2.34 -12.67	43.51 2.30 -8.41	48.36 2.18 -13.17	41.74 2.19 -6.32	49.06 2.23 -13.09	54.06 3.06 -15.49	69.35 3.21 -26.52	62.98 2.92 -25.30	54.82 2.25 -19.51	50.22 2.23 -16.65	42.72 1.99 -10.97	33.91 1.92 -3.36	33.80 1.51 -3.15
GLENWOOD____4 23550	40.63 1.46 -20.86	38.01 1.50 -17.54	36.06 1.51 -14.87	38.36 1.86 -11.01	37.87 1.95 -8.79	39.94 2.07 -8.22	45.61 3.17 -6.76	56.98 3.48 -16.44	44.16 3.31 -6.67	43.45 2.91 -6.68	51.22 2.61 -16.00	60.93 2.50 -25.95	52.50 2.46 -17.23	62.34 2.34 -26.98	48.52 2.36 -12.94	62.98 2.43 -26.80	70.55 3.30 -31.73	97.36 3.41 -54.33	89.67 3.09 -51.82	75.42 2.41 -39.95	67.84 2.38 -34.12	54.35 2.14 -22.46	37.62 2.09 -6.89	37.32 1.72 -6.46
GLENWOOD____5 23614	40.63 1.46 -20.86	38.01 1.50 -17.54	36.06 1.51 -14.87	38.36 1.86 -11.01	37.87 1.95 -8.79	39.94 2.07 -8.22	45.61 3.17 -6.76	56.98 3.48 -16.44	44.16 3.31 -6.67	43.45 2.91 -6.68	51.22 2.61 -16.00	60.93 2.50 -25.95	52.50 2.46 -17.23	62.34 2.34 -26.98	48.52 2.36 -12.94	62.98 2.43 -26.80	70.55 3.30 -31.73	97.36 3.41 -54.33	89.67 3.09 -51.82	75.42 2.41 -39.95	67.84 2.38 -34.12	54.35 2.14 -22.46	37.62 2.09 -6.89	37.32 1.72 -6.46
GLOBAL GREEN_PORT_GT1 23814	35.85 2.80 -14.74	32.66 2.75 -10.95	31.33 2.81 -8.84	31.71 3.31 -2.91	32.66 3.58 -1.96	35.59 4.12 -1.83	43.25 6.06 -1.51	49.03 6.56 -5.41	41.76 6.08 -1.51	40.72 5.38 -1.49	41.23 5.05 -3.56	43.10 4.84 -5.79	41.54 4.89 -3.84	43.78 4.75 -6.02	41.00 4.89 -2.89	44.77 5.03 -5.99	48.60 6.00 -7.08	58.16 6.42 -12.12	52.12 5.80 -11.56	47.11 5.12 -8.92	43.90 4.95 -7.61	39.21 4.43 -5.02	34.37 4.21 -1.53	34.22 3.64 -1.44
GLOBE____DSASP 323697	19.93 -1.37 -3.00	19.77 -1.29 -2.09	19.94 -1.38 -1.64	23.53 -2.09 -0.14	25.31 -1.82 0.00	28.01 -1.63 0.00	33.96 -1.71 0.00	34.65 -2.93 -0.51	31.45 -2.73 -0.01	30.94 -2.91 0.00	29.97 -2.64 0.00	29.85 -2.63 0.00	30.18 -2.62 0.00	30.60 -2.41 0.00	30.60 -2.62 0.00	31.32 -2.43 0.00	32.78 -2.73 0.00	37.09 -2.54 0.00	32.33 -2.43 0.00	30.55 -2.51 0.00	28.83 -2.51 0.00	27.37 -2.38 0.00	26.37 -2.26 0.00	27.59 -1.54 0.00
GOETHSLN____LBMP 323567	32.37 1.08 -12.99	29.14 1.12 -9.06	27.93 1.14 -7.12	27.42 1.35 -0.58	28.51 1.38 0.00	31.06 1.42 0.00	38.13 2.46 0.00	42.07 2.78 -2.23	36.84 2.63 -0.03	36.09 2.23 0.00	34.63 2.02 0.00	34.46 1.98 0.00	34.74 1.94 0.00	34.79 1.78 0.00	34.98 1.76 0.00	35.54 1.79 0.00	38.22 2.70 0.00	42.32 2.69 0.00	37.30 2.54 0.00	34.91 1.85 0.00	33.16 1.82 0.00	31.36 1.61 0.00	30.21 1.57 0.00	30.25 1.11 0.00
GOLAH____69_KV_TB 1_2 80279	20.63 -0.38 -2.70	20.55 -0.30 -1.89	20.76 -0.39 -1.48	24.92 -0.69 -0.12	26.55 -0.57 0.00	29.34 -0.30 0.00	35.71 0.04 0.00	37.01 -0.52 -0.46	33.46 -0.72 -0.01	32.94 -0.91 0.00	31.69 -0.91 0.00	31.60 -0.88 0.00	32.05 -0.75 0.00	32.45 -0.56 0.00	32.49 -0.73 0.00	33.08 -0.68 0.00	34.77 -0.75 0.00	39.15 -0.48 0.00	34.17 -0.59 0.00	32.30 -0.76 0.00	30.43 -0.91 0.00	28.80 -0.95 0.00	27.77 -0.86 0.00	28.76 -0.38 0.00
GOODYEAR_LAKE_HYD 323669	23.00 0.64 -4.05	22.42 0.63 -2.83	22.52 0.63 -2.22	26.46 0.79 -0.18	28.02 0.90 0.00	30.77 1.13 0.00	37.64 1.96 0.00	39.68 1.93 -0.70	36.00 1.81 -0.01	35.37 1.52 0.00	34.04 1.43 0.00	33.84 1.36 0.00	34.19 1.38 0.00	34.36 1.35 0.00	34.62 1.40 0.00	35.24 1.49 0.00	37.44 1.92 0.00	41.88 2.26 0.00	36.64 1.88 0.00	34.48 1.42 0.00	32.62 1.28 0.00	30.91 1.16 0.00	29.69 1.06 0.00	30.10 0.96 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.41 0.05 -5.05	22.56 0.08 -3.52	22.52 0.08 -2.77	25.74 0.03 -0.23	27.34 0.22 0.00	29.97 0.33 0.00	36.53 0.86 0.00	38.45 0.52 -0.87	34.77 0.58 -0.01	34.22 0.37 0.00	32.93 0.33 0.00	32.80 0.32 0.00	33.14 0.33 0.00	33.40 0.40 0.00	33.56 0.33 0.00	34.19 0.44 0.00	36.23 0.71 0.00	40.53 0.91 0.00	35.45 0.70 0.00	33.46 0.40 0.00	31.65 0.31 0.00	30.02 0.27 0.00	28.86 0.23 0.00	29.49 0.35 0.00
GOUDEY____7 23579	23.41 0.05 -5.05	22.56 0.08 -3.52	22.54 0.10 -2.77	25.74 0.03 -0.23	27.37 0.24 0.00	30.00 0.36 0.00	36.57 0.89 0.00	38.48 0.56 -0.87	34.80 0.62 -0.01	34.26 0.41 0.00	32.97 0.36 0.00	32.83 0.36 0.00	33.17 0.36 0.00	33.44 0.43 0.00	33.59 0.37 0.00	34.22 0.47 0.00	36.26 0.75 0.00	40.61 0.99 0.00	35.49 0.73 0.00	33.52 0.46 0.00	31.68 0.34 0.00	30.08 0.33 0.00	28.89 0.26 0.00	29.52 0.38 0.00

GOUDEY___8	23.41	22.56	22.52	25.74	27.34	29.97	36.53	38.45	34.77	34.22	32.93	32.80	33.14	33.40	33.56	34.19	36.23	40.53	35.45	33.46	31.65	30.02	28.86	29.49
23580	0.05	0.08	0.08	0.03	0.22	0.33	0.86	0.52	0.58	0.37	0.33	0.32	0.33	0.40	0.33	0.44	0.71	0.91	0.70	0.40	0.31	0.27	0.23	0.35
	-5.05	-3.52	-2.77	-0.23	0.00	0.00	0.00	-0.87	-0.01	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
GOWANUS_GT1_1	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24077	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT1_2	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24078	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT1_3	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24079	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT1_4	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24080	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT1_5	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24084	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT1_6	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24111	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT1_7	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24112	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT1_8	32.59	29.31	28.09	27.63	28.75	31.18	38.21	42.29	37.11	36.36	34.95	34.78	35.07	35.12	35.28	35.77	38.57	42.71	37.64	35.21	33.44	31.57	30.44	30.51
24113	1.30	1.29	1.30	1.55	1.63	1.54	2.53	3.00	2.90	2.50	2.35	2.31	2.26	2.11	2.06	2.02	3.05	3.09	2.88	2.15	2.10	1.81	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT2_1	32.59	29.31	28.09	27.60	28.75	31.18	38.21	42.26	37.11	36.36	34.96	34.78	35.07	35.12	35.28	35.74	38.54	42.71	37.64	35.18	33.44	31.57	30.44	30.51
24114	1.30	1.29	1.30	1.53	1.63	1.54	2.53	2.97	2.90	2.50	2.35	2.31	2.26	2.11	2.06	1.99	3.02	3.09	2.88	2.12	2.10	1.82	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT2_2	32.59	29.31	28.09	27.60	28.75	31.18	38.21	42.26	37.11	36.36	34.96	34.78	35.07	35.12	35.28	35.74	38.54	42.71	37.64	35.18	33.44	31.57	30.44	30.51
24115	1.30	1.29	1.30	1.53	1.63	1.54	2.53	2.97	2.90	2.50	2.35	2.31	2.26	2.11	2.06	1.99	3.02	3.09	2.88	2.12	2.10	1.82	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT2_3	32.59	29.31	28.09	27.60	28.75	31.18	38.21	42.26	37.11	36.36	34.96	34.78	35.07	35.12	35.28	35.74	38.54	42.71	37.64	35.18	33.44	31.57	30.44	30.51
24116	1.30	1.29	1.30	1.53	1.63	1.54	2.53	2.97	2.90	2.50	2.35	2.31	2.26	2.11	2.06	1.99	3.02	3.09	2.88	2.12	2.10	1.82	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT2_4	32.59	29.31	28.09	27.60	28.75	31.18	38.21	42.26	37.11	36.36	34.96	34.78	35.07	35.12	35.28	35.74	38.54	42.71	37.64	35.18	33.44	31.57	30.44	30.51
24117	1.30	1.29	1.30	1.53	1.63	1.54	2.53	2.97	2.90	2.50	2.35	2.31	2.26	2.11	2.06	1.99	3.02	3.09	2.88	2.12	2.10	1.82	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT2_5	32.59	29.31	28.09	27.60	28.75	31.18	38.21	42.26	37.11	36.36	34.96	34.78	35.07	35.12	35.28	35.74	38.54	42.71	37.64	35.18	33.44	31.57	30.44	30.51
24118	1.30	1.29	1.30	1.53	1.63	1.54	2.53	2.97	2.90	2.50	2.35	2.31	2.26	2.11	2.06	1.99	3.02	3.09	2.88	2.12	2.10	1.82	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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
GOWANUS_GT2_6	32.59	29.31	28.09	27.60	28.75	31.18	38.21	42.26	37.11	36.36	34.96	34.78	35.07	35.12	35.28	35.74	38.54	42.71	37.64	35.18	33.44	31.57	30.44	30.51
24119	1.30	1.29	1.30	1.53	1.63	1.54	2.53	2.97	2.90	2.50	2.35	2.31	2.26	2.11	2.06	1.99	3.02	3.09	2.88	2.12	2.10	1.82	1.80	1.37
	-12.99	-9.06	-7.12	-0.58	0.00	0.00	0.00	-2.23	-0.03	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

GOWANUS_GT2_7 24120	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT2_8 24121	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_1 24122	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_2 24123	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_3 24124	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_4 24125	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_5 24126	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_6 24127	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_7 24128	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT3_8 24129	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT4_1 24130	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT4_2 24131	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT4_3 24132	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT4_4 24133	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT4_5 24134	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00

GOWANUS_GT4_6 24135	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT4_7 24136	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GOWANUS_GT4_8 24137	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GREENBSH_115KV_TB3 55895	34.92 0.46 -16.16	30.77 0.53 -11.27	29.14 0.61 -8.86	27.08 0.87 -0.73	28.02 0.90 0.00	30.47 0.83 0.00	36.78 1.11 0.00	41.13 1.30 -2.78	35.44 1.23 -0.04	34.70 0.85 0.00	33.29 0.68 0.00	33.09 0.62 0.00	33.37 0.56 0.00	33.50 0.50 0.00	33.82 0.60 0.00	34.49 0.74 0.00	36.83 1.31 0.00	40.93 1.31 0.00	35.87 1.11 0.00	33.72 0.66 0.00	31.96 0.63 0.00	30.38 0.62 0.00	29.29 0.66 0.00	29.43 0.29 0.00
GREENDGE_115KV_TB5 80291	21.68 -0.11 -3.48	21.32 -0.08 -2.43	21.52 -0.06 -1.91	25.49 -0.15 -0.16	27.29 0.16 0.00	30.05 0.41 0.00	36.74 1.07 0.00	38.36 0.70 -0.60	34.83 0.65 -0.01	34.29 0.44 0.00	33.10 0.49 0.00	32.96 0.49 0.00	33.37 0.56 0.00	33.70 0.69 0.00	33.82 0.60 0.00	34.49 0.74 0.00	36.48 0.96 0.00	40.89 1.27 0.00	35.80 1.04 0.00	33.82 0.76 0.00	31.87 0.53 0.00	30.23 0.48 0.00	28.95 0.31 0.00	29.78 0.64 0.00
GREENIDGE___3 23582	21.68 -0.11 -3.48	21.32 -0.08 -2.43	21.52 -0.06 -1.91	25.49 -0.15 -0.16	27.29 0.16 0.00	30.05 0.41 0.00	36.74 1.07 0.00	38.36 0.70 -0.60	34.83 0.65 -0.01	34.29 0.44 0.00	33.10 0.49 0.00	32.96 0.49 0.00	33.37 0.56 0.00	33.70 0.69 0.00	33.82 0.60 0.00	34.49 0.74 0.00	36.48 0.96 0.00	40.89 1.27 0.00	35.80 1.04 0.00	33.82 0.76 0.00	31.87 0.53 0.00	30.23 0.48 0.00	28.95 0.31 0.00	29.78 0.64 0.00
GREENIDGE___4 23583	21.68 -0.11 -3.48	21.32 -0.08 -2.43	21.52 -0.06 -1.91	25.49 -0.15 -0.16	27.29 0.16 0.00	30.05 0.41 0.00	36.74 1.07 0.00	38.36 0.70 -0.60	34.83 0.65 -0.01	34.29 0.44 0.00	33.10 0.49 0.00	32.97 0.49 0.00	33.37 0.56 0.00	33.70 0.69 0.00	33.82 0.60 0.00	34.46 0.71 0.00	36.44 0.92 0.00	40.89 1.27 0.00	35.80 1.04 0.00	33.85 0.79 0.00	31.87 0.53 0.00	30.26 0.51 0.00	28.98 0.34 0.00	29.78 0.64 0.00
GREENLWN_69_KV_BK 3 55738	35.04 1.61 -15.12	31.95 1.63 -11.35	30.54 1.65 -9.22	30.91 2.01 -3.41	31.62 2.12 -2.38	34.15 2.28 -2.22	41.00 3.50 -1.83	46.93 3.78 -6.09	39.59 3.59 -1.83	38.81 3.15 -1.81	39.78 2.84 -4.33	42.24 2.73 -7.03	40.20 2.72 -4.67	42.93 2.61 -7.31	39.40 2.66 -3.52	43.76 2.73 -7.27	47.71 3.59 -8.60	57.76 3.41 -14.73	51.97 3.16 -14.05	46.65 2.74 -10.84	43.25 2.66 -9.25	38.26 2.41 -6.10	32.82 2.32 -1.86	32.78 1.89 -1.75
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.57 3.05 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.51 1.37 0.00
GRISSOM___SOLAR 323813	38.52 1.59 -18.62	33.45 1.50 -12.98	31.41 1.54 -10.20	28.39 2.06 -0.84	29.43 2.30 0.00	32.31 2.67 0.00	39.88 4.21 0.00	44.48 4.22 -3.20	37.88 3.66 -0.04	37.07 3.22 0.00	35.87 3.26 0.00	35.79 3.31 0.00	35.93 3.12 0.00	36.31 3.30 0.00	36.65 3.42 0.00	37.60 3.85 0.00	39.89 4.37 0.00	44.49 4.87 0.00	38.44 3.68 0.00	36.34 3.27 0.00	34.41 3.07 0.00	32.61 2.86 0.00	31.21 2.58 0.00	31.35 2.21 0.00
GROVEVILLE___HYD 323602	32.58 1.17 -13.10	29.30 1.19 -9.14	28.07 1.22 -7.18	27.58 1.50 -0.59	28.72 1.60 0.00	31.21 1.57 0.00	38.13 2.46 0.00	42.05 2.74 -2.25	36.84 2.63 -0.03	36.02 2.17 0.00	34.60 1.99 0.00	34.33 1.85 0.00	34.61 1.80 0.00	34.66 1.65 0.00	34.98 1.76 0.00	35.61 1.86 0.00	38.18 2.66 0.00	42.40 2.77 0.00	37.23 2.47 0.00	34.88 1.82 0.00	33.12 1.79 0.00	31.39 1.64 0.00	30.12 1.49 0.00	30.30 1.17 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.60 -0.04 -2.33	20.55 -0.04 -1.63	20.91 -0.04 -1.28	25.49 -0.10 -0.10	27.01 -0.11 0.00	29.55 -0.09 0.00	35.85 0.18 0.00	37.57 0.11 -0.40	34.11 -0.07 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.96 -0.10 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	29.02 -0.12 0.00
HAMLTNNY_34_KV_TB 80303	20.73 -0.07 -2.50	20.65 -0.06 -1.74	20.96 -0.08 -1.37	25.45 -0.15 -0.11	26.99 -0.14 0.00	29.55 -0.09 0.00	35.92 0.25 0.00	37.60 0.11 -0.43	34.15 -0.03 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.65 -0.10 0.00	35.59 0.07 0.00	39.86 0.24 0.00	34.83 0.07 0.00	33.00 -0.07 0.00	31.18 -0.16 0.00	29.57 -0.18 0.00	28.40 -0.23 0.00	29.08 -0.06 0.00
HAMPSHIRE___PAPER_HYD 323593	21.04 -0.49 -3.23	20.72 -0.57 -2.32	19.47 -0.57 -0.37	24.91 -0.61 -0.03	26.50 -0.62 0.00	29.14 -0.50 0.00	35.25 -0.43 0.00	36.88 -0.30 -0.12	34.01 -0.17 0.00	34.12 0.27 0.00	33.00 0.39 0.00	33.16 0.68 0.00	33.73 0.92 0.00	34.19 1.19 0.00	34.32 1.09 0.00	35.06 1.31 0.00	36.23 0.71 0.00	40.18 0.55 0.00	34.24 -0.52 0.00	32.67 -0.40 0.00	30.96 -0.37 0.00	29.55 -0.21 0.00	28.43 -0.20 0.00	29.05 -0.09 0.00
HARDSCRABBLE_WT_PWR 323673	19.15 0.51 -0.33	19.72 0.53 -0.23	20.44 0.59 -0.18	26.32 0.82 -0.01	28.05 0.92 0.00	30.71 1.07 0.00	37.17 1.50 0.00	38.67 1.56 -0.06	35.68 1.50 0.00	35.34 1.49 0.00	34.01 1.40 0.00	33.97 1.49 0.00	34.32 1.51 0.00	34.56 1.55 0.00	34.75 1.53 0.00	35.34 1.59 0.00	37.26 1.74 0.00	41.60 1.98 0.00	36.46 1.70 0.00	34.58 1.52 0.00	32.75 1.41 0.00	31.09 1.34 0.00	29.92 1.29 0.00	30.45 1.31 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.55 1.03 -12.22	28.55 1.06 -8.52	27.45 1.08 -6.70	27.34 1.30 -0.55	28.48 1.36 0.00	30.97 1.33 0.00	37.92 2.25 0.00	41.68 2.52 -2.10	36.56 2.36 -0.03	35.78 1.93 0.00	34.37 1.76 0.00	34.13 1.66 0.00	34.42 1.61 0.00	34.46 1.45 0.00	34.75 1.53 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.08 2.46 0.00	36.98 2.22 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.21 1.46 0.00	29.98 1.35 0.00	30.16 1.02 0.00
HARSNRAD_115KV_TB1 81005	20.29 -0.99 -2.98	20.13 -0.91 -2.08	20.32 -0.98 -1.63	24.07 -1.55 -0.13	26.01 -1.11 0.00	28.78 -0.86 0.00	35.00 -0.68 0.00	35.61 -1.96 -0.51	32.47 -1.71 -0.01	31.96 -1.90 0.00	30.94 -1.66 0.00	30.85 -1.62 0.00	31.20 -1.61 0.00	31.62 -1.39 0.00	31.63 -1.59 0.00	32.37 -1.38 0.00	33.92 -1.60 0.00	38.35 -1.27 0.00	33.44 -1.32 0.00	31.57 -1.49 0.00	29.77 -1.57 0.00	28.24 -1.52 0.00	27.20 -1.43 0.00	28.38 -0.76 0.00
HARZA MOOSE__RIVER 24016	20.01 0.11 -1.59	20.15 0.06 -1.13	20.20 0.06 -0.47	25.68 0.15 -0.04	27.29 0.16 0.00	30.00 0.36 0.00	36.49 0.82 0.00	38.10 0.89 -0.15	35.00 0.82 0.00	34.66 0.81 0.00	33.32 0.72 0.00	33.35 0.88 0.00	33.79 0.98 0.00	34.06 1.06 0.00	34.29 1.06 0.00	34.83 1.08 0.00	36.55 1.03 0.00	40.89 1.27 0.00	35.56 0.80 0.00	33.66 0.60 0.00	31.84 0.50 0.00	30.20 0.45 0.00	29.00 0.37 0.00	29.52 0.38 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.41 -0.16 -2.27	20.38 -0.17 -1.58	20.74 -0.18 -1.24	25.31 -0.28 -0.10	26.82 -0.30 0.00	29.34 -0.30 0.00	35.64 -0.04 0.00	37.23 -0.22 -0.39	33.87 -0.31 -0.01	33.41 -0.44 0.00	32.18 -0.42 0.00	32.06 -0.42 0.00	32.38 -0.43 0.00	32.61 -0.40 0.00	32.82 -0.40 0.00	33.38 -0.37 0.00	35.31 -0.21 0.00	39.46 -0.16 0.00	34.51 -0.24 0.00	32.66 -0.40 0.00	30.90 -0.44 0.00	29.28 -0.48 0.00	28.15 -0.49 0.00	28.82 -0.32 0.00
HELLGATE_13_KV_LD 55870	32.58 1.28 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.25 2.03 0.00	35.74 1.99 0.00	38.50 2.98 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.44 1.80 0.00	30.54 1.40 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.58 1.28 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.25 2.03 0.00	35.74 1.99 0.00	38.50 2.98 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.44 1.80 0.00	30.54 1.40 0.00
HEMPSTEAD____ 23647	41.96 1.52 -22.13	39.44 1.56 -18.91	37.37 1.57 -16.13	40.10 1.91 -12.70	39.37 2.04 -10.21	41.35 2.16 -9.55	46.85 3.32 -7.86	59.39 3.59 -18.74	45.34 3.42 -7.74	44.60 2.98 -7.76	53.87 2.67 -18.59	65.22 2.60 -30.15	55.39 2.56 -20.02	66.76 2.41 -31.35	50.71 2.46 -15.03	67.34 2.46 -31.13	75.68 3.30 -36.86	106.14 3.41 -63.11	98.09 3.13 -60.20	81.95 2.48 -46.41	73.42 2.45 -39.64	58.07 2.23 -26.09	38.82 2.17 -8.01	38.42 1.78 -7.51
HEWLETT__69_KV_BK3 55828	62.52 1.72 -42.50	61.62 1.78 -40.87	57.69 1.81 -36.21	67.41 2.24 -39.68	62.45 2.36 -32.96	62.99 2.52 -30.84	64.74 3.71 -25.35	96.52 4.00 -55.46	62.90 3.79 -24.93	62.30 3.39 -25.07	95.70 3.10 -59.99	132.78 3.02 -97.28	100.40 2.99 -64.60	137.00 2.84 -101.16	84.58 2.89 -48.47	137.13 2.97 -100.41	158.36 3.91 -118.94	247.38 4.12 -203.64	232.72 3.72 -194.24	185.74 2.98 -149.70	162.12 2.88 -127.90	116.52 2.62 -84.15	57.01 2.52 -25.86	55.53 2.16 -24.24
HICKLING__1 23621	22.23 -0.29 -4.21	21.66 -0.25 -2.94	21.76 -0.22 -2.31	25.27 -0.41 -0.19	27.23 0.11 0.00	29.97 0.33 0.00	36.71 1.03 0.00	37.89 0.11 -0.72	34.66 0.48 -0.01	34.09 0.24 0.00	32.84 0.23 0.00	32.74 0.26 0.00	33.14 0.33 0.00	33.50 0.50 0.00	33.59 0.37 0.00	34.26 0.51 0.00	36.19 0.67 0.00	40.73 1.11 0.00	35.52 0.76 0.00	33.56 0.50 0.00	31.65 0.31 0.00	30.05 0.30 0.00	28.86 0.23 0.00	29.69 0.55 0.00
HICKLING__2 23622	22.23 -0.29 -4.21	21.66 -0.25 -2.94	21.76 -0.22 -2.31	25.27 -0.41 -0.19	27.23 0.11 0.00	29.97 0.33 0.00	36.71 1.03 0.00	37.89 0.11 -0.72	34.66 0.48 -0.01	34.09 0.24 0.00	32.84 0.23 0.00	32.74 0.26 0.00	33.14 0.33 0.00	33.50 0.50 0.00	33.59 0.37 0.00	34.26 0.51 0.00	36.19 0.67 0.00	40.73 1.11 0.00	35.52 0.76 0.00	33.56 0.50 0.00	31.65 0.31 0.00	30.05 0.30 0.00	28.86 0.23 0.00	29.69 0.55 0.00
HIGH FALLS__HY 23754	32.62 1.19 -13.13	29.31 1.19 -9.15	28.07 1.20 -7.19	27.51 1.43 -0.59	28.67 1.55 0.00	31.15 1.51 0.00	38.10 2.43 0.00	42.02 2.71 -2.25	36.80 2.60 -0.03	35.95 2.10 0.00	34.56 1.96 0.00	34.26 1.79 0.00	34.55 1.74 0.00	34.59 1.58 0.00	34.92 1.69 0.00	35.54 1.79 0.00	38.11 2.59 0.00	42.36 2.73 0.00	37.23 2.47 0.00	34.85 1.79 0.00	33.12 1.79 0.00	31.39 1.64 0.00	30.12 1.49 0.00	30.39 1.25 0.00
HILLBURN__GT 23639	31.73 1.04 -12.38	28.66 1.06 -8.64	27.54 1.08 -6.79	27.34 1.30 -0.56	28.45 1.33 0.00	31.00 1.36 0.00	37.96 2.29 0.00	41.78 2.59 -2.13	36.63 2.43 -0.03	35.88 2.03 0.00	34.43 1.82 0.00	34.20 1.72 0.00	34.48 1.67 0.00	34.53 1.52 0.00	34.79 1.56 0.00	35.34 1.59 0.00	37.90 2.38 0.00	42.08 2.46 0.00	37.02 2.26 0.00	34.71 1.65 0.00	33.00 1.66 0.00	31.21 1.46 0.00	30.01 1.37 0.00	30.16 1.02 0.00
HILLSIDE_115KV_TB1 80332	22.19 -0.48 -4.36	21.59 -0.42 -3.04	21.63 -0.43 -2.39	25.00 -0.69 -0.20	26.93 -0.19 0.00	29.61 -0.03 0.00	36.21 0.54 0.00	37.33 -0.48 -0.75	34.15 -0.03 0.00	33.61 -0.24 0.00	32.38 -0.23 0.00	32.25 -0.23 0.00	32.61 -0.20 0.00	32.94 -0.07 0.00	33.02 -0.20 0.00	33.72 -0.03 0.00	35.59 0.07 0.00	40.02 0.40 0.00	34.93 0.17 0.00	33.00 -0.07 0.00	31.15 -0.19 0.00	29.60 -0.15 0.00	28.46 -0.17 0.00	29.23 0.09 0.00
HISHELDN_WT_PWR 323625	20.62 -0.99 -3.31	20.36 -0.91 -2.30	20.56 -0.92 -1.81	24.23 -1.40 -0.15	26.34 -0.79 0.00	29.14 -0.50 0.00	35.53 -0.14 0.00	36.14 -1.48 -0.57	33.16 -1.02 -0.01	32.63 -1.22 0.00	31.53 -1.08 0.00	31.44 -1.04 0.00	31.89 -0.92 0.00	32.28 -0.73 0.00	32.33 -0.90 0.00	32.98 -0.77 0.00	34.67 -0.85 0.00	39.26 -0.36 0.00	34.24 -0.52 0.00	32.33 -0.73 0.00	30.43 -0.91 0.00	28.95 -0.80 0.00	27.86 -0.77 0.00	28.94 -0.20 0.00
HOLTSVILLE_IC_1 23690	35.08 2.07 -14.71	31.94 2.07 -10.91	30.57 2.08 -8.81	30.82 2.47 -2.86	31.70 2.66 -1.92	34.43 2.99 -1.79	41.65 4.49 -1.48	47.34 4.93 -5.35	40.23 4.58 -1.48	39.27 3.96 -1.46	39.72 3.62 -3.50	41.63 3.48 -5.68	40.05 3.48 -3.77	42.28 3.37 -5.90	39.52 3.46 -2.84	43.13 3.51 -5.87	46.83 4.37 -6.94	55.91 4.40 -11.89	50.23 4.13 -11.34	45.36 3.54 -8.75	42.28 3.48 -7.47	37.80 3.12 -4.92	33.14 3.01 -1.50	33.05 2.51 -1.41

HOLTSVILLE_IC_10 23699	35.34 2.18 -14.86	32.20 2.16 -11.07	30.83 2.20 -8.96	31.15 2.60 -3.06	32.00 2.79 -2.09	34.73 3.14 -1.95	42.03 4.75 -1.61	47.87 5.19 -5.62	40.60 4.82 -1.61	39.63 4.20 -1.59	40.26 3.85 -3.80	42.35 3.70 -6.17	40.61 3.71 -4.10	43.03 3.60 -6.42	40.00 3.69 -3.09	43.92 3.78 -6.39	47.72 4.65 -7.55	57.30 4.75 -12.93	51.51 4.41 -12.33	46.38 3.80 -9.52	43.18 3.73 -8.12	38.44 3.33 -5.35	33.44 3.18 -1.64	33.35 2.68 -1.53
HOLTSVILLE_IC_2 23691	35.08 2.07 -14.71	31.94 2.07 -10.91	30.57 2.08 -8.81	30.82 2.47 -2.86	31.70 2.66 -1.92	34.43 2.99 -1.79	41.65 4.49 -1.48	47.34 4.93 -5.35	40.23 4.58 -1.48	39.27 3.96 -1.46	39.72 3.62 -3.50	41.63 3.48 -5.68	40.05 3.48 -3.77	42.28 3.37 -5.90	39.52 3.46 -2.84	43.13 3.51 -5.87	46.83 4.37 -6.94	55.91 4.40 -11.89	50.23 4.13 -11.34	45.36 3.54 -8.75	42.28 3.48 -7.47	37.80 3.12 -4.92	33.14 3.01 -1.50	33.05 2.51 -1.41
HOLTSVILLE_IC_3 23692	35.08 2.07 -14.71	31.94 2.07 -10.91	30.57 2.08 -8.81	30.82 2.47 -2.86	31.70 2.66 -1.92	34.43 2.99 -1.79	41.65 4.49 -1.48	47.34 4.93 -5.35	40.23 4.58 -1.48	39.27 3.96 -1.46	39.72 3.62 -3.50	41.63 3.48 -5.68	40.05 3.48 -3.77	42.28 3.37 -5.90	39.52 3.46 -2.84	43.13 3.51 -5.87	46.83 4.37 -6.94	55.91 4.40 -11.89	50.23 4.13 -11.34	45.36 3.54 -8.75	42.28 3.48 -7.47	37.80 3.12 -4.92	33.14 3.01 -1.50	33.05 2.51 -1.41
HOLTSVILLE_IC_4 23693	35.08 2.07 -14.71	31.94 2.07 -10.91	30.57 2.08 -8.81	30.82 2.47 -2.86	31.70 2.66 -1.92	34.43 2.99 -1.79	41.65 4.49 -1.48	47.34 4.93 -5.35	40.23 4.58 -1.48	39.27 3.96 -1.46	39.72 3.62 -3.50	41.63 3.48 -5.68	40.05 3.48 -3.77	42.28 3.37 -5.90	39.52 3.46 -2.84	43.13 3.51 -5.87	46.83 4.37 -6.94	55.91 4.40 -11.89	50.23 4.13 -11.34	45.36 3.54 -8.75	42.28 3.48 -7.47	37.80 3.12 -4.92	33.14 3.01 -1.50	33.05 2.51 -1.41
HOLTSVILLE_IC_5 23694	35.08 2.07 -14.71	31.94 2.07 -10.91	30.57 2.08 -8.81	30.82 2.47 -2.86	31.70 2.66 -1.92	34.43 2.99 -1.79	41.65 4.49 -1.48	47.34 4.93 -5.35	40.23 4.58 -1.48	39.27 3.96 -1.46	39.72 3.62 -3.50	41.63 3.48 -5.68	40.05 3.48 -3.77	42.28 3.37 -5.90	39.52 3.46 -2.84	43.13 3.51 -5.87	46.83 4.37 -6.94	55.91 4.40 -11.89	50.23 4.13 -11.34	45.36 3.54 -8.75	42.28 3.48 -7.47	37.80 3.12 -4.92	33.14 3.01 -1.50	33.05 2.51 -1.41
HOLTSVILLE_IC_6 23695	35.34 2.18 -14.86	32.20 2.16 -11.07	30.83 2.20 -8.96	31.15 2.60 -3.06	32.00 2.79 -2.09	34.73 3.14 -1.95	42.03 4.75 -1.61	47.87 5.19 -5.62	40.60 4.82 -1.61	39.63 4.20 -1.59	40.26 3.85 -3.80	42.35 3.70 -6.17	40.61 3.71 -4.10	43.03 3.60 -6.42	40.00 3.69 -3.09	43.92 3.78 -6.39	47.72 4.65 -7.55	57.30 4.75 -12.93	51.51 4.41 -12.33	46.38 3.80 -9.52	43.18 3.73 -8.12	38.44 3.33 -5.35	33.44 3.18 -1.64	33.35 2.68 -1.53
HOLTSVILLE_IC_7 23696	35.34 2.18 -14.86	32.20 2.16 -11.07	30.83 2.20 -8.96	31.15 2.60 -3.06	32.00 2.79 -2.09	34.73 3.14 -1.95	42.03 4.75 -1.61	47.87 5.19 -5.62	40.60 4.82 -1.61	39.63 4.20 -1.59	40.26 3.85 -3.80	42.35 3.70 -6.17	40.61 3.71 -4.10	43.03 3.60 -6.42	40.00 3.69 -3.09	43.92 3.78 -6.39	47.72 4.65 -7.55	57.30 4.75 -12.93	51.51 4.41 -12.33	46.38 3.80 -9.52	43.18 3.73 -8.12	38.44 3.33 -5.35	33.44 3.18 -1.64	33.35 2.68 -1.53
HOLTSVILLE_IC_8 23697	35.34 2.18 -14.86	32.20 2.16 -11.07	30.83 2.20 -8.96	31.15 2.60 -3.06	32.00 2.79 -2.09	34.73 3.14 -1.95	42.03 4.75 -1.61	47.87 5.19 -5.62	40.60 4.82 -1.61	39.63 4.20 -1.59	40.26 3.85 -3.80	42.35 3.70 -6.17	40.61 3.71 -4.10	43.03 3.60 -6.42	40.00 3.69 -3.09	43.92 3.78 -6.39	47.72 4.65 -7.55	57.30 4.75 -12.93	51.51 4.41 -12.33	46.38 3.80 -9.52	43.18 3.73 -8.12	38.44 3.33 -5.35	33.44 3.18 -1.64	33.35 2.68 -1.53
HOLTSVILLE_IC_9 23698	35.34 2.18 -14.86	32.20 2.16 -11.07	30.83 2.20 -8.96	31.15 2.60 -3.06	32.00 2.79 -2.09	34.73 3.14 -1.95	42.03 4.75 -1.61	47.87 5.19 -5.62	40.60 4.82 -1.61	39.63 4.20 -1.59	40.26 3.85 -3.80	42.35 3.70 -6.17	40.61 3.71 -4.10	43.03 3.60 -6.42	40.00 3.69 -3.09	43.92 3.78 -6.39	47.72 4.65 -7.55	57.30 4.75 -12.93	51.51 4.41 -12.33	46.38 3.80 -9.52	43.18 3.73 -8.12	38.44 3.33 -5.35	33.44 3.18 -1.64	33.35 2.68 -1.53
HOMER_HL_115KV_TB2 355744	20.41 -1.21 -3.32	20.14 -1.14 -2.31	20.31 -1.18 -1.82	23.88 -1.76 -0.15	26.91 -0.22 0.00	29.70 0.06 0.00	36.53 0.86 0.00	35.63 -2.00 -0.57	34.15 -0.03 -0.01	33.58 -0.27 0.00	32.44 -0.16 0.00	32.35 -0.13 0.00	32.71 -0.10 0.00	33.14 0.13 0.00	33.09 -0.13 0.00	33.92 0.17 0.00	35.63 0.11 0.00	40.26 0.63 0.00	34.97 0.21 0.00	33.03 -0.03 0.00	31.15 -0.19 0.00	29.60 -0.15 0.00	28.49 -0.14 0.00	29.37 0.23 0.00
HOWARD_WT_PWR 323690	21.35 -0.64 -3.69	21.00 -0.53 -2.57	21.24 -0.45 -2.02	25.02 -0.64 -0.17	27.12 0.00 0.00	30.02 0.38 0.00	36.74 1.07 0.00	37.88 0.19 -0.63	34.63 0.44 -0.01	34.09 0.24 0.00	32.90 0.29 0.00	32.84 0.36 0.00	33.37 0.56 0.00	33.80 0.79 0.00	33.89 0.66 0.00	34.56 0.81 0.00	36.51 0.99 0.00	41.25 1.63 0.00	35.87 1.11 0.00	33.85 0.79 0.00	31.84 0.50 0.00	30.26 0.51 0.00	29.03 0.40 0.00	30.01 0.87 0.00
HQ_GEN_CEDARS 23644	19.22 -0.16 -1.08	19.56 -0.19 -0.78	19.49 -0.18 0.00	25.36 -0.13 0.00	27.04 -0.08 0.00	29.64 0.00 0.00	35.10 -0.57 0.00	36.69 -0.37 0.00	33.94 -0.24 0.00	34.09 0.24 0.00	32.97 0.36 0.00	32.96 0.49 0.00	33.43 0.62 0.00	33.80 0.79 0.00	33.92 0.70 0.00	34.32 0.57 0.00	35.41 -0.11 0.00	39.62 0.00 0.00	34.41 -0.35 0.00	33.09 0.03 0.00	31.40 0.06 0.00	30.11 0.36 0.00	28.98 0.34 0.00	29.58 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	19.22 -0.17 -1.08	19.56 -0.19 -0.78	19.49 -0.18 0.00	25.36 -0.13 0.00	27.04 -0.08 0.00	29.64 0.00 0.00	35.10 -0.57 0.00	36.69 -0.37 0.00	33.94 -0.24 0.00	34.09 0.24 0.00	32.97 0.36 0.00	32.97 0.49 0.00	33.43 0.62 0.00	33.80 0.79 0.00	33.92 0.70 0.00	34.53 0.78 0.00	35.63 0.11 0.00	39.62 0.00 0.00	34.41 -0.35 0.00	33.09 0.03 0.00	31.43 0.09 0.00	30.11 0.36 0.00	28.98 0.34 0.00	29.58 0.44 0.00
HQ_GEN_IMPORT 323601	18.16 -0.15 0.00	18.79 -0.17 0.00	19.51 -0.16 0.00	25.34 -0.15 0.00	26.96 -0.16 0.00	30.83 -0.15 -1.34	33.80 -0.53 1.34	36.58 -0.48 0.00	33.80 -0.38 0.00	33.75 -0.10 0.00	32.57 -0.03 0.00	32.48 0.00 0.00	32.84 0.03 0.00	33.07 0.07 0.00	33.26 0.03 0.00	33.75 0.00 0.00	35.13 -0.39 0.00	39.19 -0.43 0.00	33.80 -0.35 0.61	33.64 -0.03 -0.61	31.34 0.00 0.00	29.81 0.06 0.00	28.66 0.03 0.00	29.20 0.06 0.00
HQ_GEN_WHEEL 23651	18.16 -0.15 0.00	18.79 -0.17 0.00	19.51 -0.16 0.00	25.34 -0.15 0.00	26.96 -0.16 0.00	30.83 -0.15 -1.34	33.80 -0.53 1.34	36.58 -0.48 0.00	33.80 -0.38 0.00	33.75 -0.10 0.00	32.57 -0.03 0.00	32.48 0.00 0.00	32.84 0.03 0.00	33.07 0.07 0.00	33.26 0.03 0.00	33.75 0.00 0.00	35.13 -0.39 0.00	39.19 -0.43 0.00	33.80 -0.35 0.61	33.64 -0.03 -0.61	31.34 0.00 0.00	29.81 0.06 0.00	28.66 0.03 0.00	29.20 0.06 0.00

HUDSON AVE_GT_3 23810	32.48 1.19 -12.99	29.25 1.23 -9.06	28.05 1.26 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.24 1.60 0.00	38.31 2.64 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.82 2.22 0.00	34.65 2.18 0.00	34.94 2.13 0.00	34.99 1.98 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.38 1.75 0.00	30.45 1.31 0.00
HUDSON AVE_GT_4 23540	32.48 1.19 -12.99	29.25 1.23 -9.06	28.05 1.26 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.24 1.60 0.00	38.31 2.64 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.82 2.22 0.00	34.65 2.18 0.00	34.94 2.13 0.00	34.99 1.98 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.38 1.75 0.00	30.45 1.31 0.00
HUDSON AVE_GT_5 23657	32.48 1.19 -12.99	29.25 1.23 -9.06	28.05 1.26 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.24 1.60 0.00	38.31 2.64 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.82 2.22 0.00	34.65 2.18 0.00	34.94 2.13 0.00	34.99 1.98 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.38 1.75 0.00	30.45 1.31 0.00
HUDSON_AVE_10 24168	32.45 1.15 -12.99	29.22 1.19 -9.06	27.99 1.20 -7.12	27.53 1.45 -0.58	28.61 1.49 0.00	31.18 1.54 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.89 1.88 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.28 1.94 0.00	31.48 1.73 0.00	30.32 1.69 0.00	30.39 1.25 0.00
HUDSON___115KV_TB 4 355613	34.76 0.68 -15.78	30.78 0.82 -11.00	29.20 0.89 -8.65	27.42 1.22 -0.71	28.61 1.49 0.00	31.06 1.42 0.00	37.60 1.93 0.00	41.70 1.93 -2.71	36.13 1.91 -0.04	35.27 1.42 0.00	33.88 1.27 0.00	33.71 1.23 0.00	33.96 1.15 0.00	34.13 1.12 0.00	34.52 1.30 0.00	35.24 1.49 0.00	37.65 2.13 0.00	41.92 2.30 0.00	36.64 1.88 0.00	34.45 1.39 0.00	32.65 1.32 0.00	31.00 1.25 0.00	29.83 1.20 0.00	30.01 0.87 0.00
HUNTER MOUNT___DRP 323613	34.36 0.70 -15.36	30.47 0.80 -10.71	28.97 0.89 -8.41	27.40 1.22 -0.69	28.78 1.65 0.00	31.18 1.54 0.00	37.71 2.03 0.00	41.55 1.85 -2.64	36.23 2.02 -0.04	35.31 1.46 0.00	33.91 1.30 0.00	33.74 1.27 0.00	33.96 1.15 0.00	34.13 1.12 0.00	34.55 1.33 0.00	35.34 1.59 0.00	37.79 2.27 0.00	42.08 2.46 0.00	36.74 1.98 0.00	34.55 1.49 0.00	32.72 1.38 0.00	31.09 1.34 0.00	29.89 1.26 0.00	30.10 0.96 0.00
HUNTINGTON_RES_REC 323705	35.22 1.96 -14.96	32.10 1.95 -11.18	30.71 1.99 -9.06	31.02 2.34 -3.19	31.84 2.52 -2.20	34.51 2.82 -2.06	41.65 4.28 -1.69	47.57 4.71 -5.80	40.27 4.41 -1.69	39.31 3.79 -1.67	40.07 3.45 -4.01	42.32 3.35 -6.50	40.47 3.35 -4.31	42.97 3.20 -6.76	39.76 3.29 -3.25	43.85 3.37 -6.72	47.69 4.22 -7.95	57.52 4.28 -13.61	51.70 3.96 -12.98	46.52 3.44 -10.02	43.27 3.39 -8.55	38.39 3.00 -5.64	33.22 2.86 -1.72	33.14 2.39 -1.61
HUNTLEY___63 23557	20.40 -0.93 -3.03	20.21 -0.87 -2.11	20.41 -0.92 -1.66	24.15 -1.48 -0.14	26.15 -0.98 0.00	28.96 -0.68 0.00	35.21 -0.46 0.00	35.76 -1.82 -0.52	32.68 -1.50 -0.01	32.16 -1.69 0.00	31.14 -1.47 0.00	31.05 -1.43 0.00	31.43 -1.38 0.00	31.85 -1.16 0.00	31.83 -1.40 0.00	32.57 -1.18 0.00	34.13 -1.39 0.00	38.67 -0.95 0.00	33.65 -1.11 0.00	31.77 -1.29 0.00	29.93 -1.41 0.00	28.41 -1.34 0.00	27.34 -1.29 0.00	28.53 -0.61 0.00
HUNTLEY___64 23558	20.40 -0.93 -3.03	20.21 -0.87 -2.11	20.41 -0.92 -1.66	24.15 -1.48 -0.14	26.15 -0.98 0.00	28.96 -0.68 0.00	35.21 -0.46 0.00	35.76 -1.82 -0.52	32.68 -1.50 -0.01	32.16 -1.69 0.00	31.14 -1.47 0.00	31.05 -1.43 0.00	31.43 -1.38 0.00	31.85 -1.16 0.00	31.83 -1.40 0.00	32.57 -1.18 0.00	34.13 -1.39 0.00	38.67 -0.95 0.00	33.65 -1.11 0.00	31.77 -1.29 0.00	29.93 -1.41 0.00	28.41 -1.34 0.00	27.34 -1.29 0.00	28.53 -0.61 0.00
HUNTLEY___65 23559	20.40 -0.93 -3.03	20.21 -0.87 -2.11	20.41 -0.92 -1.66	24.15 -1.48 -0.14	26.15 -0.98 0.00	28.96 -0.68 0.00	35.21 -0.46 0.00	35.76 -1.82 -0.52	32.68 -1.50 -0.01	32.16 -1.69 0.00	31.14 -1.47 0.00	31.05 -1.43 0.00	31.43 -1.38 0.00	31.85 -1.16 0.00	31.83 -1.40 0.00	32.57 -1.18 0.00	34.13 -1.39 0.00	38.67 -0.95 0.00	33.65 -1.11 0.00	31.77 -1.29 0.00	29.93 -1.41 0.00	28.41 -1.34 0.00	27.34 -1.29 0.00	28.53 -0.61 0.00
HUNTLEY___66 23560	20.40 -0.93 -3.03	20.21 -0.87 -2.11	20.41 -0.92 -1.66	24.15 -1.48 -0.14	26.15 -0.98 0.00	28.96 -0.68 0.00	35.21 -0.46 0.00	35.76 -1.82 -0.52	32.68 -1.50 -0.01	32.16 -1.69 0.00	31.14 -1.47 0.00	31.05 -1.43 0.00	31.43 -1.38 0.00	31.85 -1.16 0.00	31.83 -1.40 0.00	32.57 -1.18 0.00	34.13 -1.39 0.00	38.67 -0.95 0.00	33.65 -1.11 0.00	31.77 -1.29 0.00	29.93 -1.41 0.00	28.41 -1.34 0.00	27.34 -1.29 0.00	28.53 -0.61 0.00
HUNTLEY___67 23561	20.37 -1.01 -3.07	20.16 -0.95 -2.14	20.33 -1.02 -1.68	24.05 -1.58 -0.14	26.04 -1.08 0.00	28.81 -0.83 0.00	35.03 -0.64 0.00	35.55 -2.04 -0.53	32.54 -1.64 -0.01	32.02 -1.83 0.00	30.98 -1.63 0.00	30.89 -1.59 0.00	31.23 -1.57 0.00	31.65 -1.35 0.00	31.66 -1.56 0.00	32.40 -1.35 0.00	33.96 -1.56 0.00	38.43 -1.19 0.00	33.51 -1.25 0.00	31.64 -1.42 0.00	29.83 -1.50 0.00	28.32 -1.43 0.00	27.26 -1.37 0.00	28.44 -0.70 0.00
HUNTLEY___68 23562	20.37 -1.01 -3.07	20.16 -0.95 -2.14	20.33 -1.02 -1.68	24.05 -1.58 -0.14	26.04 -1.08 0.00	28.81 -0.83 0.00	35.03 -0.64 0.00	35.55 -2.04 -0.53	32.54 -1.64 -0.01	32.02 -1.83 0.00	30.98 -1.63 0.00	30.89 -1.59 0.00	31.23 -1.57 0.00	31.65 -1.35 0.00	31.66 -1.56 0.00	32.40 -1.35 0.00	33.96 -1.56 0.00	38.43 -1.19 0.00	33.51 -1.25 0.00	31.64 -1.42 0.00	29.83 -1.50 0.00	28.32 -1.43 0.00	27.26 -1.37 0.00	28.44 -0.70 0.00
HYLAND___LFGE 323620	21.72 0.15 -3.27	21.45 0.21 -2.28	21.64 0.18 -1.79	25.76 0.13 -0.15	27.72 0.60 0.00	30.77 1.13 0.00	37.74 2.07 0.00	39.40 1.78 -0.56	35.72 1.54 -0.01	35.10 1.25 0.00	33.78 1.17 0.00	33.58 1.10 0.00	34.12 1.31 0.00	34.53 1.52 0.00	34.72 1.50 0.00	35.40 1.65 0.00	37.51 1.99 0.00	42.51 2.89 0.00	36.98 2.23 0.00	34.91 1.85 0.00	32.84 1.50 0.00	31.09 1.34 0.00	29.81 1.17 0.00	30.71 1.57 0.00
INDECK___CORINTH 23802	35.48 0.53 -16.64	31.06 0.49 -11.60	29.30 0.51 -9.12	26.90 0.66 -0.75	27.86 0.73 0.00	30.41 0.77 0.00	37.06 1.39 0.00	41.40 1.48 -2.86	35.58 1.37 -0.04	34.83 0.98 0.00	33.49 0.88 0.00	33.58 1.10 0.00	33.83 1.02 0.00	34.03 1.02 0.00	34.32 1.09 0.00	34.80 1.05 0.00	37.05 1.53 0.00	41.25 1.63 0.00	36.04 1.29 0.00	34.98 1.92 0.00	33.15 1.82 0.00	31.48 1.72 0.00	30.23 1.60 0.00	30.42 1.28 0.00

INDECK___ILION 23567	19.02 0.38 -0.33	19.59 0.40 -0.23	20.26 0.41 -0.18	26.06 0.56 -0.01	27.75 0.62 0.00	30.35 0.71 0.00	36.67 1.00 0.00	38.15 1.04 -0.06	35.17 0.99 0.00	34.77 0.91 0.00	33.42 0.82 0.00	33.39 0.91 0.00	33.73 0.92 0.00	33.93 0.92 0.00	34.15 0.93 0.00	34.69 0.94 0.00	36.62 1.10 0.00	40.85 1.23 0.00	35.84 1.08 0.00	33.99 0.93 0.00	32.18 0.85 0.00	30.56 0.80 0.00	29.41 0.77 0.00	29.90 0.76 0.00
INDECK___OLEAN 23982	20.41 -1.21 -3.32	20.14 -1.14 -2.31	20.31 -1.18 -1.82	23.90 -1.73 -0.15	26.90 -0.22 0.00	29.70 0.06 0.00	36.53 0.85 0.00	35.63 -2.00 -0.57	34.15 -0.03 -0.01	33.58 -0.27 0.00	32.44 -0.16 0.00	32.35 -0.13 0.00	32.78 -0.03 0.00	33.14 0.13 0.00	33.12 -0.10 0.00	33.89 0.14 0.00	35.59 0.07 0.00	40.25 0.63 0.00	34.97 0.21 0.00	33.03 -0.03 0.00	31.12 -0.22 0.00	29.60 -0.15 0.00	28.52 -0.11 0.00	29.43 0.29 0.00
INDECK___OSWEGO 23783	20.01 -0.33 -2.03	20.04 -0.34 -1.42	20.41 -0.37 -1.11	25.07 -0.51 -0.09	26.55 -0.57 0.00	29.02 -0.62 0.00	35.17 -0.50 0.00	36.74 -0.67 -0.35	33.43 -0.75 0.00	33.01 -0.84 0.00	31.79 -0.81 0.00	31.67 -0.81 0.00	31.99 -0.82 0.00	32.22 -0.79 0.00	32.39 -0.83 0.00	32.94 -0.81 0.00	34.81 -0.71 0.00	38.95 -0.67 0.00	34.06 -0.69 0.00	32.27 -0.79 0.00	30.49 -0.84 0.00	28.95 -0.80 0.00	27.83 -0.80 0.00	28.50 -0.64 0.00
INDECK___YERKES 23781	20.42 -0.91 -3.03	20.23 -0.85 -2.11	20.43 -0.90 -1.66	24.17 -1.45 -0.14	26.17 -0.95 0.00	28.99 -0.65 0.00	35.25 -0.43 0.00	35.80 -1.78 -0.52	32.68 -1.50 -0.01	32.19 -1.66 0.00	31.17 -1.43 0.00	31.08 -1.40 0.00	31.50 -1.31 0.00	31.89 -1.12 0.00	31.89 -1.33 0.00	32.54 -1.21 0.00	34.13 -1.39 0.00	38.71 -0.91 0.00	33.68 -1.08 0.00	31.84 -1.22 0.00	29.93 -1.41 0.00	28.47 -1.28 0.00	27.40 -1.23 0.00	28.58 -0.55 0.00
INDIAN POINT_GT_1 24139	32.23 1.06 -12.86	29.01 1.08 -8.97	27.82 1.10 -7.05	27.39 1.33 -0.58	28.48 1.36 0.00	31.03 1.39 0.00	37.99 2.32 0.00	41.90 2.63 -2.21	36.70 2.49 -0.03	35.95 2.10 0.00	34.50 1.89 0.00	34.30 1.82 0.00	34.58 1.77 0.00	34.63 1.62 0.00	34.88 1.66 0.00	35.47 1.72 0.00	38.04 2.52 0.00	42.20 2.58 0.00	37.12 2.36 0.00	34.78 1.72 0.00	33.03 1.69 0.00	31.27 1.52 0.00	30.06 1.43 0.00	30.19 1.05 0.00
INDIAN POINT_GT_2 23659	32.23 1.06 -12.86	29.01 1.08 -8.97	27.82 1.10 -7.05	27.39 1.33 -0.58	28.48 1.36 0.00	31.03 1.39 0.00	37.99 2.32 0.00	41.90 2.63 -2.21	36.70 2.49 -0.03	35.95 2.10 0.00	34.50 1.89 0.00	34.30 1.82 0.00	34.58 1.77 0.00	34.63 1.62 0.00	34.88 1.66 0.00	35.47 1.72 0.00	38.04 2.52 0.00	42.20 2.58 0.00	37.12 2.36 0.00	34.78 1.72 0.00	33.03 1.69 0.00	31.27 1.52 0.00	30.06 1.43 0.00	30.19 1.05 0.00
INDIAN POINT_GT_3 24019	32.23 1.06 -12.86	29.01 1.08 -8.97	27.82 1.10 -7.05	27.39 1.33 -0.58	28.48 1.36 0.00	31.03 1.39 0.00	37.99 2.32 0.00	41.90 2.63 -2.21	36.70 2.49 -0.03	35.95 2.10 0.00	34.50 1.89 0.00	34.30 1.82 0.00	34.58 1.77 0.00	34.63 1.62 0.00	34.88 1.66 0.00	35.47 1.72 0.00	38.04 2.52 0.00	42.20 2.58 0.00	37.12 2.36 0.00	34.78 1.72 0.00	33.03 1.69 0.00	31.27 1.52 0.00	30.06 1.43 0.00	30.19 1.05 0.00
INDIAN POINT___2 23530	32.03 1.04 -12.68	28.87 1.06 -8.85	27.70 1.08 -6.95	27.33 1.27 -0.57	28.45 1.33 0.00	31.00 1.36 0.00	37.96 2.29 0.00	41.83 2.59 -2.18	36.67 2.46 -0.03	35.88 2.03 0.00	34.43 1.82 0.00	34.23 1.75 0.00	34.51 1.70 0.00	34.56 1.55 0.00	34.82 1.59 0.00	35.37 1.62 0.00	37.94 2.42 0.00	42.12 2.50 0.00	37.05 2.29 0.00	34.71 1.65 0.00	33.00 1.66 0.00	31.24 1.49 0.00	30.03 1.40 0.00	30.16 1.02 0.00
INDIAN POINT___3 23531	32.22 1.04 -12.87	29.02 1.08 -8.97	27.82 1.10 -7.05	27.39 1.33 -0.58	28.48 1.36 0.00	31.03 1.39 0.00	37.99 2.32 0.00	41.90 2.63 -2.21	36.67 2.46 -0.03	35.92 2.06 0.00	34.47 1.86 0.00	34.23 1.75 0.00	34.51 1.71 0.00	34.59 1.58 0.00	34.85 1.63 0.00	35.44 1.69 0.00	38.01 2.49 0.00	42.12 2.50 0.00	37.05 2.29 0.00	34.75 1.69 0.00	33.00 1.66 0.00	31.24 1.49 0.00	30.06 1.43 0.00	30.19 1.05 0.00
INGHAM_C_115KV_TB7 356103	19.38 0.75 -0.33	19.97 0.78 -0.23	20.70 0.85 -0.18	26.62 1.12 -0.01	28.37 1.25 0.00	31.06 1.42 0.00	37.60 1.93 0.00	39.08 1.96 -0.06	36.06 1.88 0.00	35.68 1.83 0.00	34.30 1.70 0.00	34.30 1.82 0.00	34.65 1.84 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.67 1.92 0.00	37.65 2.13 0.00	42.00 2.38 0.00	36.81 2.05 0.00	34.91 1.85 0.00	33.06 1.72 0.00	31.39 1.64 0.00	30.24 1.60 0.00	30.74 1.60 0.00
IP CORINTH___1 23988	35.59 0.64 -16.64	31.18 0.61 -11.60	29.40 0.61 -9.12	27.05 0.82 -0.75	27.99 0.87 0.00	30.59 0.95 0.00	37.28 1.61 0.00	41.59 1.67 -2.86	35.75 1.54 -0.04	35.00 1.15 0.00	33.65 1.04 0.00	33.78 1.30 0.00	33.99 1.18 0.00	34.23 1.22 0.00	34.52 1.30 0.00	35.00 1.25 0.00	37.29 1.78 0.00	41.48 1.86 0.00	36.22 1.46 0.00	34.98 1.92 0.00	33.16 1.82 0.00	31.51 1.76 0.00	30.24 1.60 0.00	30.42 1.28 0.00
IP___TICONDEROGA 23804	36.32 1.39 -16.62	31.88 1.33 -11.59	30.14 1.36 -9.11	28.02 1.78 -0.75	29.10 1.98 0.00	31.86 2.22 0.00	39.10 3.42 0.00	43.43 3.52 -2.85	37.39 3.18 -0.04	36.56 2.71 0.00	35.25 2.64 0.00	35.43 2.96 0.00	35.63 2.82 0.00	35.88 2.87 0.00	36.15 2.92 0.00	36.75 3.00 0.00	39.00 3.48 0.00	43.43 3.80 0.00	37.71 2.95 0.00	36.24 3.17 0.00	34.32 2.98 0.00	32.55 2.80 0.00	31.21 2.58 0.00	31.32 2.19 0.00
ISLIP_RES_REC 323679	35.53 2.27 -14.95	32.38 2.24 -11.18	31.01 2.28 -9.05	31.38 2.70 -3.19	32.22 2.90 -2.19	34.98 3.29 -2.05	42.32 4.96 -1.69	48.26 5.41 -5.79	40.89 5.03 -1.69	39.89 4.37 -1.67	40.65 4.04 -4.00	42.83 3.86 -6.49	41.02 3.90 -4.31	43.55 3.79 -6.75	40.35 3.89 -3.25	44.41 3.95 -6.71	48.32 4.87 -7.94	58.25 5.03 -13.60	52.35 4.62 -12.97	47.07 4.00 -10.01	43.76 3.89 -8.54	38.86 3.48 -5.63	33.67 3.32 -1.72	33.58 2.83 -1.61
JAMAICA__27_KV_LOAD 355505	32.54 1.24 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.33 1.69 0.00	38.46 2.78 0.00	42.51 3.22 -2.23	37.32 3.11 -0.03	36.56 2.71 0.00	34.89 2.28 0.00	34.75 2.27 0.00	35.04 2.23 0.00	35.05 2.05 0.00	35.25 2.03 0.00	35.77 2.02 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.60 1.84 0.00	30.55 1.92 0.00	30.57 1.43 0.00
JANIS___SOLAR 323808	23.36 0.71 -4.35	22.72 0.72 -3.03	22.80 0.75 -2.38	26.65 0.97 -0.20	28.31 1.19 0.00	31.24 1.60 0.00	38.28 2.60 0.00	40.40 2.59 -0.75	36.51 2.33 -0.01	36.05 2.20 0.00	34.73 2.12 0.00	34.49 2.01 0.00	34.84 2.03 0.00	35.12 2.11 0.00	35.35 2.13 0.00	36.01 2.26 0.00	38.15 2.63 0.00	42.95 3.33 0.00	37.50 2.75 0.00	35.38 2.31 0.00	33.37 2.04 0.00	31.63 1.88 0.00	30.21 1.57 0.00	30.83 1.69 0.00

JARVIS____ 23743	18.71 0.07 -0.33	19.27 0.08 -0.23	19.93 0.08 -0.18	25.60 0.10 -0.01	27.23 0.11 0.00	29.76 0.12 0.00	35.89 0.22 0.00	37.34 0.22 -0.06	34.38 0.21 0.00	33.99 0.14 0.00	32.74 0.13 0.00	32.61 0.13 0.00	32.94 0.13 0.00	33.14 0.13 0.00	33.32 0.10 0.00	33.89 0.14 0.00	35.73 0.21 0.00	39.86 0.24 0.00	34.97 0.21 0.00	33.19 0.13 0.00	31.43 0.09 0.00	29.84 0.09 0.00	28.75 0.11 0.00	29.23 0.09 0.00
JENNISON____1 23625	24.41 0.88 -5.23	23.48 0.87 -3.65	23.44 0.90 -2.87	26.92 1.20 -0.24	28.56 1.44 0.00	31.48 1.84 0.00	38.67 3.00 0.00	40.85 2.89 -0.90	36.89 2.70 -0.01	36.32 2.47 0.00	35.02 2.41 0.00	34.78 2.31 0.00	35.14 2.33 0.00	35.38 2.38 0.00	35.65 2.43 0.00	36.35 2.60 0.00	38.50 2.98 0.00	43.27 3.65 0.00	37.78 3.02 0.00	35.54 2.48 0.00	33.59 2.26 0.00	31.81 2.05 0.00	30.44 1.80 0.00	30.97 1.84 0.00
JENNISON____2 23626	24.41 0.88 -5.23	23.48 0.87 -3.65	23.44 0.90 -2.87	26.92 1.20 -0.24	28.56 1.44 0.00	31.48 1.84 0.00	38.67 3.00 0.00	40.85 2.89 -0.90	36.89 2.70 -0.01	36.32 2.47 0.00	35.02 2.41 0.00	34.78 2.31 0.00	35.14 2.33 0.00	35.38 2.38 0.00	35.65 2.43 0.00	36.35 2.60 0.00	38.50 2.98 0.00	43.27 3.65 0.00	37.78 3.02 0.00	35.54 2.48 0.00	33.59 2.26 0.00	31.81 2.05 0.00	30.44 1.80 0.00	30.97 1.84 0.00
JERICHO_RISE_WT_PWR 323719	-8.95 -0.97 26.28	-1.12 -1.02 19.06	18.61 -1.06 0.00	24.44 -1.05 0.00	26.28 -0.84 0.00	29.02 -0.62 0.00	34.60 -1.07 0.00	36.24 -0.89 -0.07	34.86 0.68 0.00	37.81 3.96 0.00	37.66 5.05 0.00	39.98 7.50 0.00	41.67 8.86 0.00	44.56 11.56 0.00	43.39 10.17 0.00	45.83 12.08 0.00	46.60 11.08 0.00	50.99 11.37 0.00	35.11 0.35 0.00	33.69 0.63 0.00	32.25 0.91 0.00	30.70 0.95 0.00	29.43 0.80 0.00	30.04 0.90 0.00
KATONAH____115KV_46KV_TB4 355592	32.64 1.17 -13.16	29.34 1.19 -9.18	28.12 1.24 -7.21	27.58 1.50 -0.59	28.64 1.52 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.21 2.89 -2.26	37.01 2.80 -0.03	36.29 2.44 0.00	34.89 2.28 0.00	34.65 2.18 0.00	34.97 2.17 0.00	34.99 1.98 0.00	35.32 2.09 0.00	35.77 2.02 0.00	38.36 2.84 0.00	42.59 2.97 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.24 1.60 0.00	30.30 1.17 0.00
KCE_NY_1 323755	35.87 0.97 -16.60	31.51 0.97 -11.57	29.75 0.98 -9.10	27.53 1.30 -0.75	28.51 1.38 0.00	31.12 1.48 0.00	37.89 2.21 0.00	42.25 2.34 -2.85	36.37 2.15 -0.04	35.61 1.76 0.00	34.20 1.60 0.00	34.13 1.66 0.00	34.38 1.57 0.00	34.56 1.55 0.00	34.88 1.66 0.00	35.50 1.75 0.00	37.83 2.31 0.00	42.12 2.50 0.00	36.84 2.09 0.00	34.91 1.85 0.00	33.09 1.75 0.00	31.39 1.64 0.00	30.18 1.55 0.00	30.39 1.25 0.00
KCE_NY_6_ESR 323823	20.52 -0.91 -3.13	20.30 -0.85 -2.18	20.48 -0.90 -1.72	24.23 -1.40 -0.14	26.47 -0.65 0.00	29.29 -0.35 0.00	35.67 0.00 0.00	35.97 -1.63 -0.54	33.16 -1.02 -0.01	32.67 -1.19 0.00	31.63 -0.98 0.00	31.53 -0.94 0.00	31.96 -0.85 0.00	32.31 -0.69 0.00	32.33 -0.90 0.00	33.04 -0.71 0.00	34.67 -0.85 0.00	39.30 -0.32 0.00	34.24 -0.52 0.00	32.33 -0.73 0.00	30.43 -0.91 0.00	28.95 -0.80 0.00	27.86 -0.77 0.00	28.99 -0.14 0.00
KEDC_PORT_JEFF_GT2 24210	35.25 2.14 -14.81	32.11 2.12 -11.02	30.75 2.16 -8.91	31.03 2.55 -3.00	31.89 2.74 -2.03	34.62 3.08 -1.90	41.91 4.67 -1.57	47.67 5.08 -5.53	40.49 4.75 -1.56	39.49 4.09 -1.54	40.09 3.78 -3.70	42.09 3.60 -6.01	40.44 3.64 -3.99	42.76 3.50 -6.25	39.82 3.59 -3.01	43.65 3.68 -6.22	47.42 4.55 -7.35	56.89 4.67 -12.59	51.08 4.31 -12.01	46.06 3.73 -9.27	42.91 3.66 -7.90	38.24 3.27 -5.21	33.35 3.12 -1.59	33.25 2.62 -1.49
KEDC_PORT_JEFF_GT3 24211	35.25 2.14 -14.81	32.11 2.12 -11.02	30.75 2.16 -8.91	31.03 2.55 -3.00	31.89 2.74 -2.03	34.62 3.08 -1.90	41.91 4.67 -1.57	47.67 5.08 -5.53	40.49 4.75 -1.56	39.49 4.09 -1.54	40.09 3.78 -3.70	42.09 3.60 -6.01	40.44 3.64 -3.99	42.76 3.50 -6.25	39.82 3.59 -3.01	43.65 3.68 -6.22	47.42 4.55 -7.35	56.89 4.67 -12.59	51.08 4.31 -12.01	46.06 3.73 -9.27	42.91 3.66 -7.90	38.24 3.27 -5.21	33.35 3.12 -1.59	33.25 2.62 -1.49
KEDC_GLWD_GT4 24219	40.63 1.47 -20.86	38.01 1.50 -17.54	36.06 1.51 -14.87	38.33 1.84 -11.01	37.87 1.95 -8.79	39.94 2.07 -8.22	45.61 3.17 -6.76	56.91 3.41 -16.44	44.06 3.21 -6.67	43.45 2.91 -6.68	51.15 2.55 -16.00	60.90 2.47 -25.95	52.47 2.43 -17.23	62.30 2.31 -26.98	48.49 2.32 -12.94	62.91 2.36 -26.80	70.45 3.20 -31.73	97.32 3.37 -54.33	89.64 3.06 -51.82	75.39 2.38 -39.95	67.81 2.35 -34.12	54.29 2.08 -22.46	37.61 2.09 -6.89	37.29 1.69 -6.46
KEDC_GLWD_GT5 24220	40.63 1.47 -20.86	38.01 1.50 -17.54	36.06 1.51 -14.87	38.33 1.84 -11.01	37.87 1.95 -8.79	39.94 2.07 -8.22	45.61 3.17 -6.76	56.91 3.41 -16.44	44.06 3.21 -6.67	43.45 2.91 -6.68	51.15 2.55 -16.00	60.90 2.47 -25.95	52.47 2.43 -17.23	62.30 2.31 -26.98	48.49 2.32 -12.94	62.91 2.36 -26.80	70.45 3.20 -31.73	97.32 3.37 -54.33	89.64 3.06 -51.82	75.39 2.38 -39.95	67.81 2.35 -34.12	54.29 2.08 -22.46	37.61 2.09 -6.89	37.29 1.69 -6.46
KENSICO____ 23655	32.38 1.12 -12.96	29.14 1.14 -9.04	27.93 1.16 -7.10	27.47 1.40 -0.58	28.56 1.44 0.00	31.15 1.51 0.00	38.13 2.46 0.00	42.07 2.78 -2.23	36.87 2.67 -0.03	36.09 2.23 0.00	34.63 2.02 0.00	34.43 1.95 0.00	34.71 1.90 0.00	34.76 1.75 0.00	35.02 1.79 0.00	35.61 1.86 0.00	38.22 2.70 0.00	42.36 2.73 0.00	37.26 2.50 0.00	34.91 1.85 0.00	33.19 1.85 0.00	31.39 1.64 0.00	30.18 1.55 0.00	30.30 1.17 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.91 1.19 -12.42	28.84 1.21 -8.66	27.69 1.22 -6.80	27.53 1.48 -0.56	28.72 1.60 0.00	31.18 1.54 0.00	38.17 2.50 0.00	41.93 2.74 -2.13	36.84 2.63 -0.03	35.98 2.13 0.00	34.56 1.96 0.00	34.30 1.82 0.00	34.58 1.77 0.00	34.63 1.62 0.00	34.95 1.73 0.00	35.61 1.86 0.00	38.18 2.66 0.00	42.44 2.81 0.00	37.26 2.50 0.00	34.91 1.85 0.00	33.16 1.82 0.00	31.42 1.67 0.00	30.15 1.52 0.00	30.39 1.25 0.00
KIAC_JFK_GT1 23816	32.48 1.19 -12.99	29.25 1.23 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.35 2.68 0.00	42.40 3.11 -2.23	37.18 2.97 -0.03	36.46 2.61 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.12 1.89 0.00	35.67 1.92 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.34 2.01 0.00	31.51 1.76 0.00	30.44 1.80 0.00	30.48 1.34 0.00
KIAC_JFK_GT2 23817	32.48 1.19 -12.99	29.25 1.23 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.35 2.68 0.00	42.40 3.11 -2.23	37.18 2.97 -0.03	36.46 2.61 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.12 1.89 0.00	35.67 1.92 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.34 2.01 0.00	31.51 1.76 0.00	30.44 1.80 0.00	30.48 1.34 0.00

KIAC_JFK____ 323774	32.48 1.19 -12.99	29.25 1.23 -9.06	28.03 1.24 -7.12	27.52 1.45 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.35 2.68 0.00	42.40 3.11 -2.23	37.18 2.97 -0.03	36.46 2.61 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.95 1.95 0.00	35.15 1.93 0.00	35.61 1.86 0.00	38.36 2.84 0.00	42.60 2.97 0.00	37.50 2.75 0.00	35.08 2.02 0.00	33.35 2.01 0.00	31.48 1.72 0.00	30.44 1.80 0.00	30.48 1.34 0.00
KINTIGH____ 23543	20.35 -0.79 -2.83	20.20 -0.74 -1.98	20.42 -0.81 -1.55	24.34 -1.27 -0.13	25.90 -1.22 0.00	28.63 -1.01 0.00	34.75 -0.93 0.00	35.95 -1.59 -0.49	32.37 -1.81 -0.01	31.85 -2.00 0.00	30.81 -1.79 0.00	30.69 -1.79 0.00	31.04 -1.77 0.00	31.42 -1.58 0.00	31.46 -1.76 0.00	32.16 -1.59 0.00	33.74 -1.78 0.00	38.08 -1.55 0.00	33.23 -1.53 0.00	31.41 -1.65 0.00	29.65 -1.69 0.00	28.12 -1.64 0.00	27.09 -1.55 0.00	28.18 -0.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.61 -0.38 25.53	0.00 -0.46 18.51	18.90 -0.77 0.00	24.90 -0.59 0.00	26.82 -0.30 0.00	29.64 0.00 0.00	35.42 -0.25 0.00	37.13 0.07 0.00	35.71 1.54 0.00	38.62 4.77 0.00	38.44 5.84 0.00	40.82 8.35 0.00	42.52 9.71 0.00	45.49 12.48 0.00	44.29 11.06 0.00	43.03 9.28 0.00	43.44 7.92 0.00	51.79 12.16 0.00	35.77 1.01 0.00	34.25 1.19 0.00	32.94 1.60 0.00	31.30 1.55 0.00	29.98 1.35 0.00	30.65 1.52 0.00
LACHUTE____HYDRO 323717	36.32 1.39 -16.62	31.88 1.33 -11.59	30.14 1.36 -9.11	28.02 1.78 -0.75	29.10 1.98 0.00	31.86 2.22 0.00	39.10 3.43 0.00	43.44 3.52 -2.85	37.39 3.18 -0.04	36.56 2.71 0.00	35.25 2.64 0.00	35.43 2.96 0.00	35.63 2.82 0.00	35.88 2.87 0.00	36.15 2.92 0.00	36.75 3.00 0.00	38.96 3.44 0.00	43.43 3.80 0.00	37.71 2.95 0.00	36.24 3.17 0.00	34.32 2.98 0.00	32.52 2.77 0.00	31.18 2.55 0.00	31.29 2.16 0.00
LAWRNCALV_115KV_TB1 80681	21.34 -0.40 -3.43	20.99 -0.46 -2.48	19.38 -0.47 -0.18	25.07 -0.43 -0.01	26.72 -0.41 0.00	29.34 -0.30 0.00	35.03 -0.64 0.00	36.71 -0.41 -0.06	33.97 -0.21 0.00	34.36 0.51 0.00	33.32 0.72 0.00	33.55 1.07 0.00	34.15 1.35 0.00	34.76 1.75 0.00	34.78 1.56 0.00	35.00 1.25 0.00	35.84 0.32 0.00	40.22 0.59 0.00	34.10 -0.66 0.00	32.76 -0.30 0.00	31.12 -0.22 0.00	29.87 0.12 0.00	28.78 0.14 0.00	29.46 0.32 0.00
LEDERLE____ 23769	31.92 1.10 -12.51	28.81 1.12 -8.72	27.67 1.14 -6.86	27.43 1.38 -0.56	28.53 1.41 0.00	31.06 1.42 0.00	38.06 2.39 0.00	41.91 2.71 -2.15	36.73 2.53 -0.03	35.95 2.10 0.00	34.50 1.89 0.00	34.30 1.82 0.00	34.58 1.77 0.00	34.63 1.62 0.00	34.88 1.66 0.00	35.50 1.75 0.00	38.04 2.52 0.00	42.20 2.58 0.00	37.12 2.36 0.00	34.81 1.75 0.00	33.06 1.72 0.00	31.33 1.58 0.00	30.09 1.46 0.00	30.25 1.11 0.00
LIGHTHSE_115KV_TB6 355974	19.81 -0.37 -1.87	19.87 -0.40 -1.31	20.28 -0.41 -1.03	25.04 -0.54 -0.08	26.55 -0.57 0.00	29.08 -0.56 0.00	35.39 -0.29 0.00	36.97 -0.41 -0.32	33.70 -0.48 0.00	33.28 -0.58 0.00	32.09 -0.52 0.00	31.96 -0.52 0.00	32.35 -0.46 0.00	32.58 -0.43 0.00	32.79 -0.43 0.00	33.35 -0.41 0.00	35.20 -0.32 0.00	39.38 -0.24 0.00	34.34 -0.42 0.00	32.50 -0.56 0.00	30.71 -0.63 0.00	29.13 -0.62 0.00	27.97 -0.66 0.00	28.58 -0.55 0.00
LINDEN COGEN____ 23786	32.37 1.08 -12.99	29.14 1.12 -9.06	27.91 1.12 -7.12	27.40 1.32 -0.58	28.51 1.38 0.00	31.06 1.42 0.00	38.10 2.43 0.00	42.07 2.78 -2.23	36.84 2.63 -0.03	36.08 2.23 0.00	34.63 2.02 0.00	34.43 1.95 0.00	34.71 1.90 0.00	34.76 1.75 0.00	34.98 1.76 0.00	35.47 1.72 0.00	38.15 2.63 0.00	42.32 2.70 0.00	37.26 2.50 0.00	34.88 1.82 0.00	33.15 1.82 0.00	31.33 1.58 0.00	30.18 1.55 0.00	30.25 1.11 0.00
LINDHRST_69_KV_BK1 356055	37.66 2.00 -17.36	34.75 2.01 -13.77	33.12 2.03 -11.43	34.34 2.47 -6.38	34.61 2.60 -4.88	37.08 2.88 -4.57	43.71 4.28 -3.76	51.83 4.63 -10.14	42.20 4.31 -3.72	41.39 3.83 -3.71	45.02 3.52 -8.89	50.28 3.38 -14.43	45.77 3.38 -9.58	51.28 3.27 -15.00	43.74 3.32 -7.20	52.06 3.41 -14.90	57.49 4.33 -17.64	74.23 4.40 -30.21	67.60 4.03 -28.81	58.72 3.44 -22.22	53.60 3.29 -18.97	45.28 3.03 -12.49	35.38 2.92 -3.83	35.18 2.45 -3.59
LIPA_MISC_IPP 23656	35.20 2.16 -14.73	32.04 2.14 -10.93	30.69 2.18 -8.83	31.01 2.63 -2.89	31.83 2.77 -1.95	34.57 3.11 -1.82	41.85 4.67 -1.50	47.53 5.08 -5.39	40.32 4.65 -1.50	39.46 4.13 -1.48	39.97 3.82 -3.55	41.87 3.64 -5.75	40.30 3.67 -3.82	42.59 3.60 -5.98	39.79 3.69 -2.88	43.48 3.78 -5.95	47.21 4.65 -7.04	56.39 4.72 -12.05	50.60 4.34 -11.50	45.71 3.77 -8.87	42.51 3.60 -7.57	38.08 3.33 -4.99	33.31 3.15 -1.52	33.22 2.65 -1.43
LISF____SOLAR 323691	35.26 2.20 -14.76	32.11 2.18 -10.96	30.75 2.22 -8.86	31.02 2.60 -2.93	31.92 2.82 -1.98	34.66 3.17 -1.85	42.01 4.81 -1.52	47.73 5.23 -5.44	40.58 4.89 -1.52	39.58 4.23 -1.50	40.12 3.91 -3.60	42.06 3.73 -5.84	40.43 3.74 -3.88	42.72 3.63 -6.08	39.87 3.72 -2.92	43.61 3.81 -6.05	47.35 4.69 -7.15	56.70 4.83 -12.24	50.89 4.45 -11.68	45.91 3.83 -9.01	42.78 3.76 -7.69	38.21 3.39 -5.07	33.41 3.23 -1.55	33.30 2.71 -1.45
LITTLE FALLS____HYD 24013	19.38 0.75 -0.33	19.97 0.78 -0.23	20.70 0.85 -0.18	26.62 1.12 -0.01	28.37 1.25 0.00	31.06 1.42 0.00	37.60 1.93 0.00	39.08 1.96 -0.06	36.06 1.88 0.00	35.68 1.83 0.00	34.30 1.70 0.00	34.30 1.82 0.00	34.65 1.84 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.67 1.92 0.00	37.65 2.13 0.00	42.00 2.38 0.00	36.81 2.05 0.00	34.91 1.85 0.00	33.06 1.72 0.00	31.39 1.64 0.00	30.24 1.60 0.00	30.74 1.60 0.00
LITTLRIV_115KV_TB1 356100	21.87 -0.22 -3.79	21.42 -0.28 -2.74	19.59 -0.28 -0.19	25.33 -0.18 -0.02	26.99 -0.14 0.00	29.73 0.09 0.00	35.57 -0.11 0.00	37.23 0.11 -0.06	34.45 0.27 0.00	34.87 1.02 0.00	33.81 1.21 0.00	34.04 1.56 0.00	34.65 1.84 0.00	35.25 2.24 0.00	35.32 2.09 0.00	35.54 1.79 0.00	36.34 0.82 0.00	40.77 1.15 0.00	34.58 -0.17 0.00	33.23 0.17 0.00	31.53 0.19 0.00	30.23 0.48 0.00	29.09 0.46 0.00	29.78 0.64 0.00
LI_NEWBRDGE____DRP 323616	33.18 1.56 -13.32	29.99 1.61 -9.41	28.74 1.63 -7.44	28.52 2.01 -1.02	29.60 2.12 -0.37	32.21 2.22 -0.34	39.35 3.39 -0.29	43.57 3.67 -2.84	37.97 3.49 -0.31	37.17 3.05 -0.28	36.02 2.74 -0.67	36.21 2.63 -1.10	36.16 2.62 -0.73	36.62 2.48 -1.14	36.31 2.52 -0.56	37.50 2.60 -1.15	40.31 3.45 -1.34	45.41 3.49 -2.31	40.19 3.23 -2.20	37.35 2.58 -1.71	35.29 2.51 -1.45	33.01 2.29 -0.96	31.15 2.23 -0.29	31.27 1.86 -0.27
LOCKPORT_115KV_TB60_63_64 80432	20.30 -0.97 -2.96	20.12 -0.91 -2.07	20.31 -0.98 -1.62	24.07 -1.55 -0.13	26.01 -1.11 0.00	28.81 -0.83 0.00	35.03 -0.64 0.00	35.68 -1.89 -0.51	32.54 -1.64 -0.01	31.99 -1.86 0.00	30.98 -1.63 0.00	30.89 -1.59 0.00	31.23 -1.57 0.00	31.65 -1.35 0.00	31.66 -1.56 0.00	32.40 -1.35 0.00	33.96 -1.56 0.00	38.43 -1.19 0.00	33.47 -1.29 0.00	31.61 -1.45 0.00	29.80 -1.54 0.00	28.27 -1.49 0.00	27.20 -1.43 0.00	28.41 -0.73 0.00

LOCKPORT___CC1 323769	20.29 -0.99 -2.98	20.13 -0.91 -2.08	20.32 -0.98 -1.63	24.07 -1.56 -0.13	26.01 -1.11 0.00	28.78 -0.86 0.00	34.99 -0.68 0.00	35.61 -1.97 -0.51	32.44 -1.74 -0.01	31.96 -1.89 0.00	30.95 -1.66 0.00	30.85 -1.62 0.00	31.23 -1.57 0.00	31.62 -1.39 0.00	31.63 -1.59 0.00	32.30 -1.45 0.00	33.85 -1.67 0.00	38.35 -1.27 0.00	33.44 -1.32 0.00	31.61 -1.45 0.00	29.74 -1.60 0.00	28.27 -1.49 0.00	27.23 -1.40 0.00	28.44 -0.70 0.00
LOCKPORT___CC2 323770	20.29 -0.99 -2.98	20.13 -0.91 -2.08	20.32 -0.98 -1.63	24.07 -1.56 -0.13	26.01 -1.11 0.00	28.78 -0.86 0.00	34.99 -0.68 0.00	35.61 -1.97 -0.51	32.44 -1.74 -0.01	31.96 -1.89 0.00	30.95 -1.66 0.00	30.85 -1.62 0.00	31.23 -1.57 0.00	31.62 -1.39 0.00	31.63 -1.59 0.00	32.30 -1.45 0.00	33.85 -1.67 0.00	38.35 -1.27 0.00	33.44 -1.32 0.00	31.61 -1.45 0.00	29.74 -1.60 0.00	28.27 -1.49 0.00	27.23 -1.40 0.00	28.44 -0.70 0.00
LOCKPORT___CC3 323771	20.29 -0.99 -2.98	20.13 -0.91 -2.08	20.32 -0.98 -1.63	24.07 -1.56 -0.13	26.01 -1.11 0.00	28.78 -0.86 0.00	34.99 -0.68 0.00	35.61 -1.97 -0.51	32.44 -1.74 -0.01	31.96 -1.89 0.00	30.95 -1.66 0.00	30.85 -1.62 0.00	31.23 -1.57 0.00	31.62 -1.39 0.00	31.63 -1.59 0.00	32.30 -1.45 0.00	33.85 -1.67 0.00	38.35 -1.27 0.00	33.44 -1.32 0.00	31.61 -1.45 0.00	29.74 -1.60 0.00	28.27 -1.49 0.00	27.23 -1.40 0.00	28.44 -0.70 0.00
LONG_LAKE_PHOENIX 24014	20.15 -0.26 -2.10	20.17 -0.27 -1.47	20.55 -0.28 -1.15	25.17 -0.41 -0.09	26.69 -0.43 0.00	29.17 -0.47 0.00	35.35 -0.32 0.00	36.98 -0.44 -0.36	33.67 -0.51 -0.01	33.21 -0.64 0.00	32.02 -0.59 0.00	31.89 -0.58 0.00	32.25 -0.56 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.21 -0.54 0.00	35.13 -0.39 0.00	39.27 -0.36 0.00	34.34 -0.42 0.00	32.53 -0.53 0.00	30.74 -0.60 0.00	29.16 -0.60 0.00	28.00 -0.63 0.00	28.67 -0.47 0.00
LOVETT___3 23632	31.87 1.01 -12.56	28.76 1.04 -8.76	27.61 1.06 -6.88	27.33 1.27 -0.57	28.42 1.30 0.00	30.97 1.33 0.00	37.92 2.25 0.00	41.74 2.52 -2.16	36.60 2.39 -0.03	35.85 2.00 0.00	34.37 1.76 0.00	34.17 1.69 0.00	34.45 1.64 0.00	34.49 1.49 0.00	34.75 1.53 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.04 2.42 0.00	36.98 2.22 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.18 1.43 0.00	30.01 1.37 0.00	30.13 0.99 0.00
LOVETT___4 23642	31.87 1.01 -12.56	28.76 1.04 -8.76	27.61 1.06 -6.88	27.33 1.27 -0.57	28.42 1.30 0.00	30.97 1.33 0.00	37.92 2.25 0.00	41.74 2.52 -2.16	36.60 2.39 -0.03	35.85 2.00 0.00	34.37 1.76 0.00	34.17 1.69 0.00	34.45 1.64 0.00	34.49 1.49 0.00	34.75 1.53 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.04 2.42 0.00	36.98 2.22 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.18 1.43 0.00	30.01 1.37 0.00	30.13 0.99 0.00
LOVETT___5 23593	31.87 1.01 -12.56	28.76 1.04 -8.76	27.61 1.06 -6.88	27.33 1.27 -0.57	28.42 1.30 0.00	30.97 1.33 0.00	37.92 2.25 0.00	41.74 2.52 -2.16	36.60 2.39 -0.03	35.85 2.00 0.00	34.37 1.76 0.00	34.17 1.69 0.00	34.45 1.64 0.00	34.49 1.49 0.00	34.75 1.53 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.04 2.42 0.00	36.98 2.22 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.18 1.43 0.00	30.01 1.37 0.00	30.13 0.99 0.00
LOWER RAQUET___HYD 24057	21.93 -0.49 -4.12	21.39 -0.55 -2.98	19.32 -0.55 -0.20	24.97 -0.54 -0.02	26.61 -0.52 0.00	29.22 -0.41 0.00	35.03 -0.64 0.00	36.69 -0.44 -0.07	34.01 -0.17 0.00	34.46 0.61 0.00	33.45 0.85 0.00	33.74 1.27 0.00	34.38 1.57 0.00	35.06 2.05 0.00	35.05 1.83 0.00	35.88 2.13 0.00	36.62 1.10 0.00	40.41 0.79 0.00	33.99 -0.76 0.00	32.67 -0.40 0.00	31.02 -0.31 0.00	29.78 0.03 0.00	28.72 0.09 0.00	29.43 0.29 0.00
LOWER___HUDSON 24059	35.44 0.80 -16.33	31.18 0.83 -11.38	29.48 0.86 -8.95	27.34 1.12 -0.74	28.34 1.22 0.00	30.88 1.24 0.00	37.49 1.82 0.00	41.90 2.04 -2.80	36.09 1.88 -0.04	35.31 1.45 0.00	33.85 1.24 0.00	33.68 1.20 0.00	33.96 1.15 0.00	34.10 1.09 0.00	34.42 1.19 0.00	35.06 1.31 0.00	37.47 1.95 0.00	41.72 2.10 0.00	36.56 1.81 0.00	34.42 1.36 0.00	32.59 1.25 0.00	30.94 1.19 0.00	29.75 1.12 0.00	29.95 0.81 0.00
LOWVILLE_115KV_TB2 356335	20.24 -0.07 -2.00	20.26 -0.13 -1.43	20.03 -0.14 -0.50	25.45 -0.08 -0.04	27.04 -0.08 0.00	29.76 0.12 0.00	36.24 0.57 0.00	37.88 0.67 -0.16	34.79 0.62 0.00	34.53 0.68 0.00	33.26 0.65 0.00	33.29 0.81 0.00	33.76 0.95 0.00	34.03 1.02 0.00	34.25 1.03 0.00	34.76 1.01 0.00	36.41 0.89 0.00	40.77 1.15 0.00	35.28 0.52 0.00	33.43 0.36 0.00	31.62 0.28 0.00	29.99 0.24 0.00	28.83 0.20 0.00	29.34 0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.85 0.95 -16.60	31.49 0.95 -11.57	29.75 0.98 -9.10	27.51 1.27 -0.75	28.51 1.38 0.00	31.12 1.48 0.00	37.85 2.18 0.00	42.24 2.33 -2.85	36.33 2.12 -0.04	35.58 1.73 0.00	34.17 1.57 0.00	34.10 1.62 0.00	34.35 1.54 0.00	34.56 1.55 0.00	34.85 1.63 0.00	35.50 1.75 0.00	37.83 2.31 0.00	42.08 2.46 0.00	36.81 2.05 0.00	34.88 1.82 0.00	33.06 1.72 0.00	31.36 1.61 0.00	30.15 1.52 0.00	30.39 1.25 0.00
LUTHERNY_35_KV_BK2 355980	35.87 0.97 -16.60	31.51 0.97 -11.57	29.75 0.98 -9.10	27.51 1.27 -0.75	28.51 1.38 0.00	31.12 1.48 0.00	37.89 2.21 0.00	42.24 2.33 -2.85	36.37 2.15 -0.04	35.61 1.76 0.00	34.20 1.60 0.00	34.13 1.66 0.00	34.38 1.57 0.00	34.56 1.55 0.00	34.88 1.66 0.00	35.54 1.79 0.00	37.86 2.34 0.00	42.12 2.50 0.00	36.84 2.09 0.00	34.91 1.85 0.00	33.09 1.75 0.00	31.39 1.64 0.00	30.18 1.55 0.00	30.39 1.25 0.00
LWR___OSWEGATCHIE_HYD 23850	21.04 -0.49 -3.23	20.72 -0.57 -2.32	19.47 -0.57 -0.37	24.91 -0.61 -0.03	26.50 -0.62 0.00	29.14 -0.50 0.00	35.25 -0.43 0.00	36.88 -0.30 -0.12	34.01 -0.17 0.00	34.12 0.27 0.00	33.00 0.39 0.00	33.16 0.68 0.00	33.73 0.92 0.00	34.20 1.19 0.00	34.32 1.10 0.00	34.66 0.91 0.00	35.80 0.28 0.00	40.18 0.55 0.00	34.24 -0.52 0.00	32.66 -0.40 0.00	30.96 -0.38 0.00	29.54 -0.21 0.00	28.43 -0.20 0.00	29.05 -0.09 0.00
LYONS_FALL_HYD 23570	20.01 0.11 -1.59	20.15 0.06 -1.13	20.20 0.06 -0.47	25.68 0.15 -0.04	27.29 0.16 0.00	30.00 0.36 0.00	36.49 0.82 0.00	38.10 0.89 -0.15	35.00 0.82 0.00	34.66 0.81 0.00	33.32 0.72 0.00	33.35 0.88 0.00	33.79 0.98 0.00	34.06 1.06 0.00	34.29 1.06 0.00	34.90 1.15 0.00	36.66 1.14 0.00	40.89 1.27 0.00	35.56 0.80 0.00	33.66 0.60 0.00	31.84 0.50 0.00	30.20 0.45 0.00	29.03 0.40 0.00	29.52 0.38 0.00
MADISON___COUNTY_LFGE 323628	20.08 0.40 -1.37	20.32 0.40 -0.96	20.84 0.41 -0.75	26.11 0.56 -0.06	27.75 0.62 0.00	30.50 0.86 0.00	37.14 1.46 0.00	38.78 1.48 -0.24	35.48 1.30 0.00	35.04 1.18 0.00	33.72 1.11 0.00	33.61 1.14 0.00	34.06 1.25 0.00	34.26 1.25 0.00	34.49 1.26 0.00	35.10 1.35 0.00	36.98 1.46 0.00	41.29 1.66 0.00	36.04 1.29 0.00	34.09 1.02 0.00	32.22 0.88 0.00	30.53 0.77 0.00	29.32 0.69 0.00	29.87 0.73 0.00

MALONE___115KV_TB1 356076	34.23 -0.70 -16.62	30.26 -0.76 -12.05	18.90 -0.77 0.00	24.80 -0.69 0.00	26.63 -0.49 0.00	29.37 -0.27 0.00	35.10 -0.57 0.00	36.84 -0.22 0.00	35.13 0.96 0.00	37.47 3.62 0.00	37.11 4.50 0.00	39.01 6.53 0.00	40.45 7.64 0.00	42.88 9.87 0.00	41.93 8.70 0.00	41.04 7.29 0.00	41.81 6.29 0.00	49.25 9.63 0.00	35.38 0.63 0.00	33.92 0.86 0.00	32.40 1.07 0.00	30.88 1.13 0.00	29.61 0.97 0.00	30.27 1.14 0.00
MAPLEWOD_115KV_TB3 80458	35.27 0.70 -16.27	31.05 0.74 -11.35	29.39 0.81 -8.92	27.29 1.07 -0.73	28.26 1.14 0.00	30.80 1.16 0.00	37.28 1.61 0.00	41.63 1.78 -2.79	35.89 1.67 -0.04	35.14 1.29 0.00	33.68 1.08 0.00	33.52 1.04 0.00	33.79 0.98 0.00	33.93 0.92 0.00	34.25 1.03 0.00	34.93 1.18 0.00	37.29 1.78 0.00	41.48 1.86 0.00	36.32 1.56 0.00	34.15 1.09 0.00	32.37 1.03 0.00	30.73 0.98 0.00	29.61 0.97 0.00	29.78 0.64 0.00
MAPLE_RIDGE_WT_1 323574	17.63 -0.68 0.00	18.26 -0.70 0.00	18.96 -0.71 0.00	24.67 -0.82 0.00	26.28 -0.84 0.00	28.81 -0.83 0.00	34.60 -1.07 0.00	36.10 -0.96 0.00	33.42 -0.75 0.00	33.24 -0.61 0.00	32.15 -0.46 0.00	32.15 -0.32 0.00	32.55 -0.26 0.00	32.74 -0.27 0.00	32.92 -0.30 0.00	33.41 -0.34 0.00	35.09 -0.42 0.00	39.15 -0.47 0.00	34.31 -0.45 0.00	32.80 -0.27 0.00	31.09 -0.25 0.00	29.55 -0.21 0.00	28.46 -0.17 0.00	28.99 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	17.63 -0.68 0.00	18.26 -0.70 0.00	18.96 -0.71 0.00	24.67 -0.82 0.00	26.28 -0.84 0.00	28.81 -0.83 0.00	34.60 -1.07 0.00	36.10 -0.96 0.00	33.42 -0.75 0.00	33.24 -0.61 0.00	32.15 -0.46 0.00	32.15 -0.32 0.00	32.55 -0.26 0.00	32.74 -0.27 0.00	32.92 -0.30 0.00	33.41 -0.34 0.00	35.09 -0.42 0.00	39.15 -0.47 0.00	34.31 -0.45 0.00	32.80 -0.27 0.00	31.09 -0.25 0.00	29.55 -0.21 0.00	28.46 -0.17 0.00	28.99 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -0.99 24.32	0.29 -1.04 17.63	18.61 -1.06 0.00	24.44 -1.05 0.00	26.31 -0.81 0.00	29.02 -0.62 0.00	34.67 -1.00 0.00	36.24 -0.89 -0.07	34.86 0.68 0.00	37.84 3.99 0.00	37.73 5.12 0.00	40.08 7.60 0.00	41.80 8.99 11.72	44.73 11.72 10.30	43.52 10.30 12.22	45.97 12.22 11.30	46.82 11.30 11.57	51.19 11.57 0.00	35.18 0.42 0.00	33.72 0.66 0.00	32.34 1.00 0.00	30.77 1.01 0.00	29.52 0.89 0.00	30.13 0.99 0.00
MARSHVLE_115KV_TB1 80742	38.45 0.62 -19.52	33.13 0.55 -13.61	30.92 0.55 -10.70	27.08 0.71 -0.88	27.94 0.81 0.00	30.68 1.04 0.00	37.67 2.00 0.00	42.30 1.89 -3.35	35.86 1.64 -0.05	35.17 1.32 0.00	33.91 1.30 0.00	33.78 1.30 0.00	34.02 1.21 0.00	34.26 1.25 0.00	34.52 1.30 0.00	35.27 1.52 0.00	37.51 1.99 0.00	41.88 2.26 0.00	36.46 1.70 0.00	34.38 1.32 0.00	32.56 1.22 0.00	30.94 1.19 0.00	29.66 1.03 0.00	29.90 0.76 0.00
MARSH_HILL_WT_PWR 323713	21.33 -0.64 -3.66	20.97 -0.55 -2.56	21.21 -0.47 -2.01	24.97 -0.69 -0.17	27.10 -0.03 0.00	29.97 0.33 0.00	36.67 1.00 0.00	37.76 0.07 -0.63	34.56 0.38 -0.01	33.99 0.14 0.00	32.80 0.20 0.00	32.74 0.26 0.00	33.27 0.46 0.00	33.67 0.66 0.00	33.75 0.53 0.00	34.46 0.71 0.00	36.41 0.89 0.00	41.13 1.51 0.00	35.77 1.01 0.00	33.76 0.70 0.00	31.74 0.41 0.00	30.17 0.42 0.00	28.98 0.34 0.00	29.95 0.81 0.00
MCINTYRE_115KV_TB2 80467	21.52 -0.04 -3.25	21.22 -0.09 -2.35	19.77 -0.08 -0.17	25.58 0.08 -0.01	27.26 0.14 0.00	30.00 0.36 0.00	35.74 0.07 0.00	37.41 0.30 -0.05	34.59 0.41 0.00	34.90 1.05 0.00	33.85 1.24 0.00	33.94 1.46 0.00	34.51 1.71 0.00	35.02 2.01 0.00	35.12 1.89 0.00	35.40 1.65 0.00	36.30 0.78 0.00	40.65 1.03 0.00	34.90 0.14 0.00	33.52 0.46 0.00	31.81 0.47 0.00	30.47 0.71 0.00	29.32 0.69 0.00	29.93 0.79 0.00
MECO___69_KV_BK1 80468	38.52 1.59 -18.62	33.45 1.50 -12.98	31.41 1.53 -10.20	28.39 2.06 -0.84	29.43 2.31 0.00	32.31 2.67 0.00	39.88 4.21 0.00	44.48 4.22 -3.20	37.88 3.66 -0.04	37.07 3.22 0.00	35.87 3.26 0.00	35.79 3.31 0.00	35.93 3.12 0.00	36.31 3.30 0.00	36.65 3.42 0.00	37.60 3.85 0.00	39.89 4.37 0.00	44.50 4.87 0.00	38.44 3.68 0.00	36.33 3.27 0.00	34.41 3.07 0.00	32.61 2.86 0.00	31.21 2.58 0.00	31.35 2.21 0.00
MENANDS__115KV_TB5 355628	35.15 0.60 -16.24	30.96 0.66 -11.33	29.30 0.73 -8.90	27.21 0.99 -0.73	28.18 1.06 0.00	30.65 1.01 0.00	37.06 1.39 0.00	41.44 1.59 -2.79	35.68 1.47 -0.04	34.93 1.08 0.00	33.52 0.91 0.00	33.32 0.84 0.00	33.60 0.79 0.00	33.73 0.73 0.00	34.05 0.83 0.00	34.73 0.98 0.00	37.08 1.56 0.00	41.25 1.62 0.00	36.15 1.39 0.00	33.95 0.89 0.00	32.18 0.85 0.00	30.59 0.83 0.00	29.46 0.83 0.00	29.63 0.50 0.00
MG INDUSTRY___DRP 24185	34.93 0.68 -15.95	30.81 0.72 -11.12	29.20 0.79 -8.74	27.28 1.07 -0.72	28.26 1.14 0.00	30.77 1.13 0.00	37.17 1.50 0.00	41.43 1.63 -2.74	35.72 1.50 -0.04	35.00 1.15 0.00	33.59 0.98 0.00	33.42 0.94 0.00	33.69 0.89 0.00	33.87 0.86 0.00	34.19 0.96 0.00	34.83 1.08 0.00	37.15 1.63 0.00	41.33 1.70 0.00	36.18 1.43 0.00	34.05 0.99 0.00	32.31 0.97 0.00	30.68 0.92 0.00	29.55 0.92 0.00	29.78 0.64 0.00
MID___OSWEGATCHIE_HYD 23849	21.04 -0.49 -3.23	20.72 -0.57 -2.32	19.47 -0.57 -0.37	24.91 -0.61 -0.03	26.50 -0.62 0.00	29.14 -0.50 0.00	35.25 -0.43 0.00	36.88 -0.30 -0.12	34.01 -0.17 0.00	34.12 0.27 0.00	33.00 0.39 0.00	33.16 0.68 0.00	33.73 0.92 0.00	34.20 1.19 0.00	34.32 1.10 0.00	34.66 0.91 0.00	35.80 0.28 0.00	40.18 0.55 0.00	34.24 -0.52 0.00	32.66 -0.40 0.00	30.96 -0.38 0.00	29.54 -0.21 0.00	28.43 -0.20 0.00	29.05 -0.09 0.00
MID___RAQUETTE_HYD 23851	21.93 -0.49 -4.12	21.39 -0.55 -2.98	19.32 -0.55 -0.20	24.97 -0.54 -0.02	26.61 -0.52 0.00	29.22 -0.41 0.00	35.03 -0.64 0.00	36.68 -0.44 -0.06	34.01 -0.17 0.00	34.46 0.61 0.00	33.45 0.85 0.00	33.74 1.27 0.00	34.38 1.57 0.00	35.05 2.05 0.00	35.05 1.83 0.00	35.24 1.49 0.00	35.98 0.46 0.00	40.41 0.79 0.00	33.99 -0.76 0.00	32.66 -0.40 0.00	31.02 -0.31 0.00	29.78 0.03 0.00	28.72 0.09 0.00	29.43 0.29 0.00
MILLIKEN___1 23584	22.16 0.29 -3.56	21.73 0.28 -2.48	21.93 0.31 -1.95	26.00 0.36 -0.16	27.61 0.49 0.00	30.29 0.65 0.00	36.92 1.25 0.00	38.86 1.19 -0.61	35.21 1.03 -0.01	34.73 0.88 0.00	33.42 0.82 0.00	33.29 0.81 0.00	33.66 0.85 0.00	33.90 0.89 0.00	34.09 0.86 0.00	34.69 0.94 0.00	36.76 1.24 0.00	41.21 1.58 0.00	35.97 1.22 0.00	34.02 0.96 0.00	32.12 0.78 0.00	30.47 0.71 0.00	29.18 0.54 0.00	29.84 0.70 0.00
MILLIKEN___2 23585	22.16 0.29 -3.56	21.73 0.28 -2.48	21.93 0.31 -1.95	26.00 0.36 -0.16	27.61 0.49 0.00	30.29 0.65 0.00	36.92 1.25 0.00	38.86 1.19 -0.61	35.21 1.03 -0.01	34.73 0.88 0.00	33.42 0.82 0.00	33.29 0.81 0.00	33.66 0.85 0.00	33.90 0.89 0.00	34.09 0.86 0.00	34.69 0.94 0.00	36.76 1.24 0.00	41.21 1.58 0.00	35.97 1.22 0.00	34.02 0.96 0.00	32.12 0.78 0.00	30.47 0.71 0.00	29.18 0.54 0.00	29.84 0.70 0.00

MILLIKEN___DIESEL 23629	22.16 0.29 -3.56	21.73 0.28 -2.48	21.93 0.31 -1.95	26.00 0.36 -0.16	27.61 0.49 0.00	30.29 0.65 0.00	36.92 1.25 0.00	38.86 1.19 -0.61	35.21 1.03 -0.01	34.73 0.88 0.00	33.42 0.82 0.00	33.29 0.81 0.00	33.66 0.85 0.00	33.90 0.89 0.00	34.09 0.86 0.00	34.69 0.94 0.00	36.76 1.24 0.00	41.21 1.58 0.00	35.97 1.22 0.00	34.02 0.96 0.00	32.12 0.78 0.00	30.47 0.71 0.00	29.18 0.54 0.00	29.84 0.70 0.00
MILLSEAT___LFGE 323607	20.54 -0.68 -2.92	20.39 -0.61 -2.03	20.58 -0.69 -1.60	24.50 -1.12 -0.13	26.42 -0.71 0.00	29.29 -0.35 0.00	35.71 0.04 0.00	36.56 -1.00 -0.50	33.26 -0.92 -0.01	32.77 -1.08 0.00	31.69 -0.91 0.00	31.57 -0.91 0.00	31.99 -0.82 0.00	32.38 -0.63 0.00	32.46 -0.76 0.00	33.08 -0.67 0.00	34.74 -0.78 0.00	39.35 -0.28 0.00	34.24 -0.52 0.00	32.37 -0.70 0.00	30.43 -0.91 0.00	28.89 -0.86 0.00	27.80 -0.83 0.00	28.94 -0.20 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.30 1.08 -12.92	29.07 1.10 -9.01	27.87 1.12 -7.08	27.42 1.35 -0.58	28.53 1.41 0.00	31.09 1.45 0.00	38.06 2.39 0.00	41.98 2.71 -2.22	36.77 2.56 -0.03	35.98 2.13 0.00	34.53 1.92 0.00	34.33 1.85 0.00	34.61 1.80 0.00	34.66 1.65 0.00	34.92 1.69 0.00	35.50 1.75 0.00	38.11 2.59 0.00	42.24 2.62 0.00	37.16 2.40 0.00	34.81 1.75 0.00	33.09 1.75 0.00	31.33 1.58 0.00	30.12 1.49 0.00	30.25 1.11 0.00
MILLWOOD_13_KV_LOAD 356217	32.34 1.12 -12.92	29.11 1.14 -9.01	27.91 1.16 -7.08	27.47 1.40 -0.58	28.56 1.44 0.00	31.12 1.48 0.00	38.10 2.43 0.00	42.06 2.78 -2.22	36.84 2.63 -0.03	36.09 2.23 0.00	34.63 2.02 0.00	34.43 1.95 0.00	34.71 1.90 0.00	34.76 1.75 0.00	35.02 1.79 0.00	35.61 1.86 0.00	38.18 2.66 0.00	42.36 2.73 0.00	37.26 2.50 0.00	34.91 1.85 0.00	33.16 1.82 0.00	31.39 1.64 0.00	30.15 1.52 0.00	30.25 1.11 0.00
MODEL_CITY_ENERGY 24167	20.16 -1.13 -2.99	19.99 -1.06 -2.09	20.17 -1.14 -1.64	23.89 -1.73 -0.13	25.77 -1.36 0.00	28.51 -1.13 0.00	34.64 -1.04 0.00	35.28 -2.30 -0.51	32.06 -2.12 -0.01	31.62 -2.24 0.00	30.62 -1.99 0.00	30.50 -1.98 0.00	30.90 -1.90 0.00	31.26 -1.75 0.00	31.30 -1.93 0.00	31.93 -1.82 0.00	33.50 -2.02 0.00	37.92 -1.70 0.00	33.06 -1.70 0.00	31.24 -1.82 0.00	29.40 -1.94 0.00	27.97 -1.78 0.00	26.94 -1.69 0.00	28.15 -0.99 0.00
MODERN_LFGE___ 323580	20.16 -1.13 -2.99	19.99 -1.06 -2.09	20.17 -1.14 -1.64	23.89 -1.73 -0.13	25.77 -1.36 0.00	28.51 -1.13 0.00	34.64 -1.04 0.00	35.28 -2.30 -0.51	32.06 -2.12 -0.01	31.62 -2.24 0.00	30.62 -1.99 0.00	30.50 -1.98 0.00	30.90 -1.90 0.00	31.26 -1.75 0.00	31.30 -1.93 0.00	31.93 -1.82 0.00	33.50 -2.02 0.00	37.92 -1.70 0.00	33.06 -1.70 0.00	31.24 -1.82 0.00	29.40 -1.94 0.00	27.97 -1.78 0.00	26.94 -1.69 0.00	28.15 -0.99 0.00
MOHAWK_PAPER___DRP 24187	35.27 0.70 -16.27	31.05 0.74 -11.35	29.39 0.81 -8.92	27.29 1.07 -0.73	28.26 1.14 0.00	30.80 1.16 0.00	37.28 1.61 0.00	41.63 1.78 -2.79	35.89 1.67 -0.04	35.14 1.29 0.00	33.68 1.08 0.00	33.52 1.04 0.00	33.79 0.98 0.00	33.93 0.92 0.00	34.25 1.03 0.00	34.93 1.18 0.00	37.29 1.78 0.00	41.48 1.86 0.00	36.32 1.56 0.00	34.15 1.09 0.00	32.37 1.03 0.00	30.73 0.98 0.00	29.61 0.97 0.00	29.78 0.64 0.00
MOHICAN__35_KV_115KV_LD 80490	35.78 0.86 -16.61	31.36 0.82 -11.58	29.62 0.85 -9.10	27.33 1.10 -0.75	28.32 1.19 0.00	30.94 1.30 0.00	37.74 2.07 0.00	42.10 2.19 -2.85	36.20 1.98 -0.04	35.44 1.59 0.00	34.07 1.47 0.00	34.13 1.66 0.00	34.35 1.54 0.00	34.59 1.58 0.00	34.88 1.66 0.00	35.44 1.69 0.00	37.72 2.20 0.00	41.96 2.34 0.00	36.64 1.88 0.00	35.18 2.12 0.00	33.31 1.97 0.00	31.63 1.87 0.00	30.38 1.75 0.00	30.57 1.43 0.00
MONGAUP___HYD 23641	31.24 1.04 -11.89	28.32 1.06 -8.29	27.27 1.08 -6.52	27.32 1.30 -0.54	28.53 1.41 0.00	30.97 1.34 0.00	37.74 2.07 0.00	41.40 2.30 -2.04	36.46 2.26 -0.03	35.61 1.76 0.00	34.20 1.60 0.00	33.97 1.49 0.00	34.19 1.38 0.00	34.26 1.25 0.00	34.59 1.36 0.00	35.23 1.48 0.00	37.72 2.20 0.00	41.96 2.34 0.00	36.91 2.16 0.00	34.62 1.55 0.00	32.87 1.54 0.00	31.15 1.40 0.00	29.86 1.23 0.00	30.16 1.02 0.00
MONTAUK___DIESEL 23721	35.88 2.84 -14.74	32.70 2.79 -10.94	31.37 2.85 -8.84	31.83 3.44 -2.90	32.68 3.61 -1.95	35.62 4.15 -1.83	43.24 6.06 -1.51	48.95 6.49 -5.41	41.66 5.98 -1.51	40.75 5.42 -1.48	41.26 5.09 -3.56	43.13 4.87 -5.78	41.57 4.92 -3.84	43.91 4.89 -6.01	41.13 5.02 -2.89	44.86 5.13 -5.98	48.74 6.14 -7.07	58.19 6.46 -12.11	52.15 5.84 -11.55	47.14 5.16 -8.92	43.86 4.92 -7.61	39.29 4.52 -5.02	34.40 4.24 -1.53	34.24 3.67 -1.44
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.39 -1.19 -3.28	20.15 -1.10 -2.29	20.40 -1.06 -1.80	24.13 -1.50 -0.15	26.53 -0.60 0.00	29.43 -0.21 0.00	36.10 0.43 0.00	36.36 -1.26 -0.56	33.74 -0.44 -0.01	33.14 -0.71 0.00	32.05 -0.55 0.00	32.02 -0.45 0.00	32.55 -0.26 0.00	33.07 0.07 0.00	33.12 -0.10 0.00	33.92 0.17 0.00	35.59 0.07 0.00	40.30 0.67 0.00	34.93 0.17 0.00	32.93 -0.13 0.00	31.02 -0.31 0.00	29.43 -0.33 0.00	28.26 -0.37 0.00	29.31 0.17 0.00
MORTIMER_115KV_TB3 55949	20.61 -0.38 -2.69	20.50 -0.34 -1.88	20.73 -0.41 -1.48	24.92 -0.69 -0.12	26.47 -0.65 0.00	29.22 -0.41 0.00	35.53 -0.14 0.00	37.04 -0.48 -0.46	33.43 -0.75 -0.01	32.94 -0.91 0.00	31.82 -0.78 0.00	31.70 -0.78 0.00	32.05 -0.75 0.00	32.45 -0.56 0.00	32.56 -0.66 0.00	33.18 -0.57 0.00	34.92 -0.60 0.00	39.31 -0.32 0.00	34.27 -0.49 0.00	32.43 -0.63 0.00	30.59 -0.75 0.00	28.98 -0.77 0.00	27.86 -0.77 0.00	28.82 -0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.59	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
MUNSVILLE_WIND_PWR 323609	24.28 1.19 -4.79	23.50 1.20 -3.34	23.52 1.22 -2.62	27.41 1.71 -0.22	29.10 1.98 0.00	32.28 2.64 0.00	39.77 4.10 0.00	42.03 4.15 -0.82	37.98 3.79 -0.01	37.61 3.76 0.00	36.26 3.65 0.00	35.92 3.44 0.00	36.22 3.41 0.00	36.47 3.46 0.00	36.78 3.56 0.00	37.53 3.78 0.00	39.71 4.19 0.00	44.89 5.27 0.00	39.17 4.41 0.00	36.83 3.77 0.00	34.79 3.45 0.00	32.94 3.19 0.00	31.35 2.72 0.00	31.91 2.77 0.00
N SALMON___HYD 24042	34.23 -0.70 -16.62	30.26 -0.76 -12.05	18.90 -0.77 0.00	24.80 -0.69 0.00	26.64 -0.49 0.00	29.37 -0.27 0.00	35.10 -0.57 0.00	36.91 -0.22 -0.07	35.13 0.96 0.00	37.48 3.62 0.00	37.11 4.50 0.00	39.01 6.53 0.00	40.45 7.65 0.00	42.88 9.87 0.00	41.93 8.70 0.00	44.08 10.33 0.00	44.86 9.34 0.00	49.25 9.63 0.00	35.38 0.63 0.00	33.92 0.86 0.00	32.40 1.07 0.00	30.88 1.13 0.00	29.61 0.97 0.00	30.27 1.14 0.00

N.AKRON__115KV_KNAPP 355671	20.56 -0.68 -2.93	20.40 -0.61 -2.04	20.59 -0.69 -1.60	24.50 -1.12 -0.13	26.42 -0.71 0.00	29.28 -0.36 0.00	35.71 0.04 0.00	36.56 -1.00 -0.50	33.29 -0.89 -0.01	32.73 -1.12 0.00	31.69 -0.91 0.00	31.57 -0.91 0.00	31.96 -0.85 0.00	32.38 -0.63 0.00	32.43 -0.80 0.00	33.14 -0.61 0.00	34.77 -0.75 0.00	39.34 -0.28 0.00	34.24 -0.52 0.00	32.33 -0.73 0.00	30.46 -0.88 0.00	28.86 -0.89 0.00	27.77 -0.86 0.00	28.91 -0.23 0.00
N.BELMOR_69_KV_BK1 55787	43.18 1.65 -23.23	40.75 1.69 -20.10	38.59 1.71 -17.21	41.75 2.12 -14.15	40.79 2.22 -11.44	42.71 2.37 -10.70	48.04 3.57 -8.80	61.67 3.89 -20.72	46.50 3.66 -8.67	45.76 3.22 -8.70	56.33 2.90 -20.82	69.07 2.83 -33.77	58.02 2.79 -22.42	70.69 2.57 -35.11	52.68 2.62 -16.83	71.31 2.70 -34.86	80.32 3.52 -41.28	113.95 3.65 -70.69	105.52 3.34 -67.42	87.68 2.64 -51.97	78.30 2.57 -44.39	61.44 2.47 -29.22	40.01 2.41 -8.97	39.56 2.01 -8.41
N.E_GEN_SANDY PD 24062	33.96 0.91 -14.74	30.21 0.97 -10.27	28.73 0.98 -8.08	27.40 1.25 -0.66	28.45 1.33 0.00	31.00 1.36 0.00	37.67 2.00 0.00	41.89 2.30 -2.53	36.40 2.19 -0.04	35.54 1.69 0.00	34.01 1.40 0.00	33.78 1.30 0.00	34.02 1.21 0.00	34.16 1.15 0.00	34.49 1.26 0.00	35.13 1.38 0.00	39.50 2.13 -1.85	44.88 2.26 -3.00	36.96 2.02 -0.19	34.45 1.39 0.00	32.65 1.32 0.00	30.97 1.22 0.00	29.81 1.17 0.00	29.95 0.81 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.88 1.04 -12.53	28.79 1.08 -8.74	27.62 1.08 -6.87	27.35 1.30 -0.56	28.45 1.33 0.00	31.00 1.36 0.00	37.96 2.28 0.00	41.81 2.59 -2.15	36.63 2.43 -0.03	35.88 2.03 0.00	34.43 1.83 0.00	34.20 1.72 0.00	34.48 1.67 0.00	34.53 1.52 0.00	34.78 1.56 0.00	35.40 1.65 0.00	37.93 2.42 0.00	42.08 2.46 0.00	37.02 2.26 0.00	34.71 1.65 0.00	32.97 1.63 0.00	31.24 1.49 0.00	30.03 1.40 0.00	30.16 1.02 0.00
N.QUEENS_27_KV_LOAD 356247	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.72 1.60 0.00	31.09 1.45 0.00	37.92 2.25 0.00	41.96 2.67 -2.23	36.94 2.73 -0.03	36.22 2.37 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.28 1.94 0.00	31.36 1.61 0.00	30.46 1.83 0.00	30.57 1.43 0.00
N.TROY___115KV_TB1 355778	35.44 0.81 -16.33	31.19 0.83 -11.38	29.48 0.87 -8.95	27.34 1.12 -0.74	28.34 1.22 0.00	30.88 1.24 0.00	37.49 1.82 0.00	41.90 2.04 -2.80	36.09 1.88 -0.04	35.31 1.46 0.00	33.85 1.24 0.00	33.68 1.20 0.00	33.96 1.15 0.00	34.10 1.09 0.00	34.45 1.23 0.00	35.10 1.35 0.00	37.51 1.99 0.00	41.72 2.10 0.00	36.57 1.81 0.00	34.42 1.36 0.00	32.59 1.25 0.00	30.94 1.19 0.00	29.78 1.15 0.00	29.98 0.85 0.00
NARROWS_GT1_1 24228	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT1_2 24229	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT1_3 24230	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT1_4 24231	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT1_5 24232	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT1_6 24233	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT1_7 24234	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT1_8 24235	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT2_1 24236	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00

NARROWS_GT2_2 24237	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT2_3 24238	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT2_4 24239	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT2_5 24240	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT2_6 24241	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT2_7 24242	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NARROWS_GT2_8 24243	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.36 0.70 -15.36	30.47 0.80 -10.71	28.97 0.89 -8.41	27.40 1.22 -0.69	28.78 1.65 0.00	31.18 1.54 0.00	37.71 2.03 0.00	41.55 1.85 -2.64	36.23 2.02 -0.04	35.31 1.46 0.00	33.91 1.30 0.00	33.74 1.27 0.00	33.96 1.15 0.00	34.13 1.12 0.00	34.55 1.33 0.00	35.34 1.59 0.00	37.79 2.27 0.00	42.08 2.46 0.00	36.74 1.98 0.00	34.55 1.49 0.00	32.72 1.38 0.00	31.09 1.34 0.00	29.89 1.26 0.00	30.10 0.96 0.00
NCHELSEA_115KV_TR2 355582	32.54 1.15 -13.08	29.26 1.18 -9.12	28.04 1.20 -7.17	27.53 1.45 -0.59	28.67 1.55 0.00	31.18 1.54 0.00	38.10 2.43 0.00	42.01 2.71 -2.25	36.80 2.60 -0.03	35.98 2.13 0.00	34.53 1.92 0.00	34.30 1.82 0.00	34.58 1.77 0.00	34.63 1.62 0.00	34.95 1.73 0.00	35.57 1.82 0.00	38.15 2.63 0.00	42.32 2.69 0.00	37.19 2.43 0.00	34.85 1.79 0.00	33.09 1.75 0.00	31.33 1.58 0.00	30.09 1.46 0.00	30.27 1.14 0.00
NEG CAPITAL___MECHNVIL 23645	35.79 0.97 -16.51	31.45 0.97 -11.51	29.72 1.00 -9.05	27.53 1.30 -0.74	28.53 1.41 0.00	31.15 1.51 0.00	37.89 2.21 0.00	42.27 2.37 -2.84	36.40 2.19 -0.04	35.61 1.76 0.00	34.20 1.60 0.00	34.13 1.66 0.00	34.38 1.57 0.00	34.56 1.55 0.00	34.88 1.66 0.00	35.50 1.75 0.00	37.90 2.38 0.00	42.20 2.57 0.00	36.88 2.12 0.00	34.88 1.82 0.00	33.06 1.72 0.00	31.36 1.61 0.00	30.15 1.52 0.00	30.33 1.20 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.29 -0.66 -2.65	20.17 -0.64 -1.84	20.41 -0.71 -1.45	24.56 -1.05 -0.12	26.06 -1.06 0.00	28.72 -0.92 0.00	34.96 -0.71 0.00	36.59 -0.93 -0.45	32.98 -1.20 -0.01	32.56 -1.29 0.00	31.43 -1.17 0.00	31.31 -1.17 0.00	31.69 -1.12 0.00	32.02 -0.99 0.00	32.13 -1.10 0.00	32.67 -1.08 0.00	34.45 -1.06 0.00	38.75 -0.87 0.00	33.82 -0.94 0.00	32.00 -1.06 0.00	30.18 -1.16 0.00	28.62 -1.13 0.00	27.49 -1.15 0.00	28.35 -0.79 0.00
NEG CENTRAL___DRP 24199	20.95 -0.11 -2.75	20.79 -0.09 -1.92	21.08 -0.10 -1.51	25.43 -0.18 -0.12	27.07 -0.05 0.00	29.76 0.12 0.00	36.28 0.61 0.00	37.94 0.41 -0.47	34.46 0.27 -0.01	33.95 0.10 0.00	32.71 0.10 0.00	32.61 0.13 0.00	32.97 0.16 0.00	33.27 0.26 0.00	33.39 0.17 0.00	33.99 0.24 0.00	35.98 0.46 0.00	40.34 0.71 0.00	35.24 0.49 0.00	33.36 0.30 0.00	31.46 0.13 0.00	29.84 0.09 0.00	28.60 -0.03 0.00	29.34 0.20 0.00
NEG CENTRAL___INDECK 23768	21.54 -0.04 -3.27	21.28 0.04 -2.28	21.46 0.00 -1.79	25.53 -0.10 -0.15	27.45 0.33 0.00	30.41 0.77 0.00	37.24 1.57 0.00	38.77 1.15 -0.56	35.17 0.99 -0.01	34.59 0.74 0.00	33.36 0.75 0.00	33.19 0.71 0.00	33.73 0.92 0.00	34.13 1.12 0.00	34.25 1.03 0.00	34.90 1.15 0.00	36.87 1.35 0.00	41.72 2.10 0.00	36.32 1.57 0.00	34.32 1.26 0.00	32.28 0.94 0.00	30.56 0.80 0.00	29.32 0.69 0.00	30.25 1.11 0.00
NEG CENTRAL___SENECA 23627	21.15 -0.07 -2.92	20.94 -0.06 -2.04	21.23 -0.04 -1.60	25.49 -0.13 -0.13	27.20 0.08 0.00	29.97 0.33 0.00	36.60 0.93 0.00	38.27 0.70 -0.50	34.73 0.55 -0.01	34.19 0.34 0.00	32.97 0.36 0.00	32.87 0.39 0.00	33.24 0.43 0.00	33.57 0.56 0.00	33.69 0.47 0.00	34.32 0.57 0.00	36.34 0.82 0.00	40.77 1.15 0.00	35.63 0.87 0.00	33.69 0.63 0.00	31.75 0.41 0.00	30.11 0.36 0.00	28.83 0.20 0.00	29.63 0.50 0.00
NEG CENTRAL___STATE_STREET 24147	21.00 -0.02 -2.72	20.84 -0.02 -1.89	21.14 -0.02 -1.49	25.53 -0.08 -0.12	27.10 -0.03 0.00	29.73 0.09 0.00	36.21 0.54 0.00	37.97 0.44 -0.47	34.49 0.31 -0.01	33.99 0.14 0.00	32.77 0.16 0.00	32.64 0.16 0.00	33.01 0.20 0.00	33.24 0.23 0.00	33.42 0.20 0.00	33.99 0.24 0.00	35.98 0.46 0.00	40.30 0.67 0.00	35.21 0.45 0.00	33.33 0.26 0.00	31.46 0.13 0.00	29.81 0.06 0.00	28.60 -0.03 0.00	29.28 0.15 0.00

NEG MILLWOOD___DRP 24198	32.70 1.23 -13.17	29.40 1.25 -9.18	28.17 1.28 -7.22	27.66 1.58 -0.59	28.75 1.63 0.00	31.24 1.60 0.00	38.24 2.57 0.00	42.25 2.93 -2.26	37.04 2.84 -0.03	36.32 2.47 0.00	34.92 2.32 0.00	34.69 2.21 0.00	34.97 2.17 0.00	35.02 2.01 0.00	35.38 2.16 0.00	35.84 2.09 0.00	38.43 2.91 0.00	42.67 3.05 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.26 1.63 0.00	30.36 1.22 0.00
NEG NORTH_FLCN_SEA 23793	-6.94 -0.79 24.46	0.40 -0.83 17.74	18.81 -0.87 0.00	24.72 -0.76 0.00	26.63 -0.49 0.00	29.40 -0.24 0.00	35.14 -0.54 0.00	36.47 -0.59 0.00	35.13 0.96 0.00	38.12 4.27 0.00	37.95 5.35 0.00	40.34 7.86 0.00	42.03 9.22 0.00	44.99 11.98 0.00	43.79 10.56 0.00	42.32 8.57 0.00	43.08 7.57 0.00	51.35 11.73 0.00	35.52 0.76 0.00	34.02 0.96 0.00	32.81 1.47 0.00	31.21 1.46 0.00	29.92 1.29 0.00	30.57 1.43 0.00
NEG NORTH_KES_CHATEGAY 23792	-8.85 -0.90 26.26	-1.04 -0.97 19.04	18.69 -0.98 0.00	24.54 -0.94 0.00	26.39 -0.73 0.00	29.14 -0.50 0.00	34.75 -0.93 0.00	36.36 -0.70 0.00	35.00 0.82 0.00	37.95 4.10 0.00	37.79 5.18 0.00	40.11 7.63 0.00	41.80 8.99 0.00	44.69 11.68 0.00	43.52 10.30 0.00	42.29 8.54 0.00	43.01 7.49 0.00	51.19 11.57 0.00	35.28 0.52 0.00	33.82 0.76 0.00	32.37 1.03 0.00	30.82 1.07 0.00	29.55 0.92 0.00	30.16 1.02 0.00
NEG NORTH___ALICE_FALLS 23915	-7.61 -0.38 25.53	0.00 -0.46 18.51	18.90 -0.77 0.00	24.90 -0.59 0.00	26.82 -0.30 0.00	29.64 0.00 0.00	35.42 -0.25 0.00	37.13 0.07 0.00	35.71 1.54 0.00	38.62 4.77 0.00	38.44 5.84 0.00	40.82 8.35 0.00	42.52 9.71 0.00	45.49 12.48 0.00	44.29 11.06 0.00	43.03 9.28 0.00	43.44 7.92 0.00	51.79 12.16 0.00	35.77 1.01 0.00	34.25 1.19 0.00	32.94 1.60 0.00	31.30 1.55 0.00	29.98 1.35 0.00	30.65 1.52 0.00
NEG NORTH___LWR_SARANAC 23913	-7.61 -0.38 25.53	0.00 -0.46 18.51	18.90 -0.77 0.00	24.90 -0.59 0.00	26.82 -0.30 0.00	29.64 0.00 0.00	35.42 -0.25 0.00	37.13 0.07 0.00	35.71 1.54 0.00	38.62 4.77 0.00	38.44 5.84 0.00	40.82 8.35 0.00	42.52 9.71 0.00	45.49 12.48 0.00	44.29 11.06 0.00	43.03 9.28 0.00	43.44 7.92 0.00	51.79 12.16 0.00	35.77 1.01 0.00	34.25 1.19 0.00	32.94 1.60 0.00	31.30 1.55 0.00	29.98 1.35 0.00	30.65 1.52 0.00
NEG NORTH___PLATTSBURG 23628	-7.61 -0.39 25.53	0.00 -0.46 18.51	18.90 -0.77 0.00	24.90 -0.59 0.00	26.83 -0.30 0.00	29.64 0.00 0.00	35.43 -0.25 0.00	37.20 0.07 -0.07	35.72 1.54 0.00	38.63 4.77 0.00	38.44 5.84 0.00	40.83 8.35 0.00	42.55 9.74 0.00	45.48 12.48 0.00	44.29 11.06 0.00	46.78 13.03 0.00	47.31 11.79 0.00	51.79 12.16 0.00	35.77 1.01 0.00	34.25 1.19 0.00	32.94 1.60 0.00	31.30 1.55 0.00	29.98 1.35 0.00	30.65 1.51 0.00
NEG WEST_LEA_LOCKPORT 23791	20.29 -0.99 -2.98	20.13 -0.91 -2.08	20.32 -0.98 -1.63	24.07 -1.55 -0.13	26.01 -1.11 0.00	28.78 -0.86 0.00	35.00 -0.68 0.00	35.61 -1.96 -0.51	32.47 -1.71 -0.01	31.96 -1.90 0.00	30.94 -1.66 0.00	30.85 -1.62 0.00	31.20 -1.61 0.00	31.62 -1.39 0.00	31.63 -1.59 0.00	32.37 -1.38 0.00	33.92 -1.60 0.00	38.35 -1.27 0.00	33.44 -1.32 0.00	31.57 -1.49 0.00	29.77 -1.57 0.00	28.24 -1.52 0.00	27.20 -1.43 0.00	28.38 -0.76 0.00
NEG WEST___LANCASTR 23811	20.15 -1.37 -3.21	19.88 -1.33 -2.24	20.06 -1.38 -1.76	23.62 -2.01 -0.14	26.74 -0.38 0.00	29.58 -0.06 0.00	36.28 0.61 0.00	35.06 -2.56 -0.55	33.94 -0.24 -0.01	33.41 -0.44 0.00	32.28 -0.33 0.00	32.19 -0.29 0.00	32.55 -0.26 0.00	32.97 -0.03 0.00	32.96 -0.27 0.00	33.75 0.00 0.00	35.41 -0.11 0.00	39.94 0.32 0.00	34.76 0.00 0.00	32.80 -0.26 0.00	30.93 -0.41 0.00	29.40 -0.36 0.00	28.29 -0.34 0.00	29.23 0.09 0.00
NEG_PENN_ALLEGHNY 23528	23.44 0.07 -5.06	22.57 0.08 -3.53	22.54 0.10 -2.77	25.74 0.03 -0.23	27.37 0.24 0.00	30.00 0.36 0.00	36.57 0.89 0.00	38.49 0.56 -0.87	34.80 0.62 -0.01	34.29 0.44 0.00	33.00 0.39 0.00	32.87 0.39 0.00	33.23 0.43 0.00	33.47 0.46 0.00	33.62 0.40 0.00	34.22 0.47 0.00	36.27 0.75 0.00	40.61 0.99 0.00	35.52 0.76 0.00	33.52 0.46 0.00	31.72 0.38 0.00	30.08 0.33 0.00	28.89 0.26 0.00	29.52 0.38 0.00
NEG___GEN_MONROE 24207	20.63 -0.38 -2.70	20.55 -0.30 -1.89	20.76 -0.39 -1.48	24.92 -0.69 -0.12	26.55 -0.57 0.00	29.34 -0.30 0.00	35.71 0.04 0.00	37.01 -0.52 -0.46	33.46 -0.72 -0.01	32.94 -0.91 0.00	31.69 -0.91 0.00	31.60 -0.88 0.00	32.05 -0.75 0.00	32.45 -0.56 0.00	32.49 -0.73 0.00	33.08 -0.68 0.00	34.77 -0.75 0.00	39.15 -0.48 0.00	34.17 -0.59 0.00	32.30 -0.76 0.00	30.43 -0.91 0.00	28.80 -0.95 0.00	27.77 -0.86 0.00	28.76 -0.38 0.00
NEPA___ENERGY 23901	20.75 -0.81 -3.25	20.51 -0.72 -2.27	20.71 -0.75 -1.78	24.41 -1.22 -0.15	26.74 -0.38 0.00	29.55 -0.09 0.00	36.17 0.50 0.00	36.32 -1.30 -0.56	33.70 -0.48 -0.01	33.14 -0.71 0.00	32.02 -0.59 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.74 -0.26 0.00	32.72 -0.50 0.00	33.51 -0.24 0.00	35.16 -0.36 0.00	39.82 0.20 0.00	34.62 -0.14 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.31 -0.45 0.00	28.20 -0.43 0.00	29.25 0.12 0.00
NEVERSINK___HYD 23608	31.33 1.21 -11.82	28.44 1.23 -8.24	27.39 1.24 -6.47	27.52 1.50 -0.53	28.75 1.63 0.00	31.24 1.60 0.00	38.24 2.57 0.00	41.90 2.82 -2.03	36.87 2.67 -0.03	36.02 2.17 0.00	34.63 2.02 0.00	34.36 1.88 0.00	34.58 1.77 0.00	34.66 1.65 0.00	35.02 1.79 0.00	35.61 1.86 0.00	38.18 2.67 0.00	42.51 2.89 0.00	37.29 2.54 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.48 1.72 0.00	30.15 1.52 0.00	30.48 1.34 0.00
NEWKRMKL_115KV_TB1 55635	35.06 0.49 -16.26	30.87 0.57 -11.34	29.23 0.65 -8.91	27.14 0.92 -0.73	28.07 0.95 0.00	30.53 0.89 0.00	36.85 1.18 0.00	41.22 1.37 -2.79	35.51 1.30 -0.04	34.77 0.91 0.00	33.36 0.75 0.00	33.19 0.71 0.00	33.43 0.62 0.00	33.60 0.59 0.00	33.92 0.70 0.00	34.56 0.81 0.00	36.90 1.39 0.00	41.01 1.39 0.00	35.94 1.18 0.00	33.79 0.73 0.00	32.03 0.69 0.00	30.41 0.65 0.00	29.32 0.69 0.00	29.46 0.32 0.00
NEWTON___FALLS_HYD 23847	21.04 -0.49 -3.23	20.72 -0.57 -2.32	19.47 -0.57 -0.37	24.91 -0.61 -0.03	26.50 -0.62 0.00	29.14 -0.50 0.00	35.25 -0.43 0.00	36.88 -0.30 -0.12	34.01 -0.17 0.00	34.12 0.27 0.00	33.00 0.39 0.00	33.16 0.68 0.00	33.73 0.92 0.00	34.20 1.19 0.00	34.32 1.10 0.00	34.66 0.91 0.00	35.80 0.28 0.00	40.18 0.55 0.00	34.24 -0.52 0.00	32.66 -0.40 0.00	30.96 -0.38 0.00	29.54 -0.21 0.00	28.43 -0.20 0.00	29.05 -0.09 0.00
NGRID_A1_DSASP 323792	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.48 -2.70 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.31 -2.49 0.00	30.70 -2.31 0.00	30.70 -2.53 0.00	31.35 -2.40 0.00	32.82 -2.70 0.00	37.20 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.86 -2.48 0.00	27.46 -2.29 0.00	26.48 -2.15 0.00	27.71 -1.43 0.00

NGRID_A2_DSASP 323793	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.48 -2.70 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.31 -2.49 0.00	30.70 -2.31 0.00	30.70 -2.53 0.00	31.35 -2.40 0.00	32.82 -2.70 0.00	37.20 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.86 -2.48 0.00	27.46 -2.29 0.00	26.48 -2.15 0.00	27.71 -1.43 0.00
NGRID_A4_DSASP 323807	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.48 -2.70 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.31 -2.49 0.00	30.70 -2.31 0.00	30.70 -2.53 0.00	31.35 -2.40 0.00	32.82 -2.70 0.00	37.20 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.86 -2.48 0.00	27.46 -2.29 0.00	26.48 -2.15 0.00	27.71 -1.43 0.00
NIAGARA_115E_LBMP 323715	20.10 -1.21 -3.01	19.92 -1.14 -2.10	20.10 -1.22 -1.65	23.76 -1.86 -0.14	25.63 -1.49 0.00	28.37 -1.27 0.00	34.42 -1.25 0.00	35.02 -2.56 -0.52	31.86 -2.33 -0.01	31.38 -2.47 0.00	30.39 -2.22 0.00	30.30 -2.18 0.00	30.68 -2.13 0.00	31.06 -1.95 0.00	31.06 -2.16 0.00	31.73 -2.02 0.00	33.25 -2.27 0.00	37.64 -1.98 0.00	32.85 -1.91 0.00	31.04 -2.02 0.00	29.21 -2.13 0.00	27.79 -1.96 0.00	26.77 -1.86 0.00	28.00 -1.14 0.00
NIAGARA_115W_LBMP 323714	19.93 -1.37 -3.00	19.77 -1.29 -2.09	19.94 -1.38 -1.64	23.56 -2.06 -0.14	25.31 -1.82 0.00	28.01 -1.63 0.00	33.96 -1.71 0.00	34.65 -2.93 -0.52	31.38 -2.80 -0.01	30.94 -2.91 0.00	29.97 -2.64 0.00	29.85 -2.63 0.00	30.22 -2.59 0.00	30.60 -2.41 0.00	30.60 -2.63 0.00	31.25 -2.50 0.00	32.75 -2.77 0.00	37.09 -2.54 0.00	32.36 -2.40 0.00	30.58 -2.48 0.00	28.77 -2.57 0.00	27.37 -2.38 0.00	26.40 -2.23 0.00	27.65 -1.48 0.00
NIAGARA_230_LBMP 323716	20.19 -1.10 -2.98	20.00 -1.04 -2.08	20.18 -1.12 -1.63	23.91 -1.71 -0.13	25.71 -1.41 0.00	28.45 -1.19 0.00	34.50 -1.18 0.00	35.16 -2.41 -0.51	31.93 -2.26 -0.01	31.45 -2.40 0.00	30.45 -2.15 0.00	30.33 -2.14 0.00	30.74 -2.07 0.00	31.09 -1.92 0.00	31.13 -2.09 0.00	31.76 -1.99 0.00	33.28 -2.24 0.00	37.68 -1.94 0.00	32.88 -1.88 0.00	31.08 -1.98 0.00	29.27 -2.07 0.00	27.85 -1.90 0.00	26.86 -1.78 0.00	28.09 -1.05 0.00
NIAGARA__115KV_198_GIBSON 55903	19.93 -1.37 -3.00	19.77 -1.29 -2.09	19.94 -1.38 -1.64	23.53 -2.09 -0.14	25.31 -1.82 0.00	28.01 -1.63 0.00	33.96 -1.71 0.00	34.65 -2.93 -0.51	31.45 -2.73 -0.01	30.94 -2.91 0.00	29.97 -2.64 0.00	29.85 -2.63 0.00	30.18 -2.62 0.00	30.60 -2.41 0.00	30.60 -2.62 0.00	31.32 -2.43 0.00	32.78 -2.73 0.00	37.09 -2.54 0.00	32.33 -2.43 0.00	30.55 -2.51 0.00	28.83 -2.51 0.00	27.37 -2.38 0.00	26.37 -2.26 0.00	27.59 -1.54 0.00
NIAGARA____ 23760	20.21 -1.10 -3.00	20.01 -1.04 -2.09	20.19 -1.12 -1.64	23.92 -1.71 -0.13	25.71 -1.41 0.00	28.45 -1.19 0.00	34.50 -1.18 0.00	35.17 -2.41 -0.51	31.93 -2.26 -0.01	31.45 -2.40 0.00	30.45 -2.15 0.00	30.33 -2.14 0.00	30.74 -2.07 0.00	31.09 -1.92 0.00	31.13 -2.09 0.00	31.76 -1.99 0.00	33.28 -2.24 0.00	37.68 -1.94 0.00	32.88 -1.88 0.00	31.08 -1.98 0.00	29.27 -2.07 0.00	27.85 -1.90 0.00	26.86 -1.78 0.00	28.09 -1.05 0.00
NINE_MILE_1 23575	19.61 -0.48 -1.78	19.72 -0.49 -1.24	20.14 -0.51 -0.98	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.29 -1.08 -0.31	33.05 -1.13 0.00	32.67 -1.19 0.00	31.47 -1.14 0.00	31.34 -1.14 0.00	31.66 -1.15 0.00	31.89 -1.12 0.00	32.06 -1.16 0.00	32.60 -1.15 0.00	34.42 -1.10 0.00	38.47 -1.15 0.00	33.68 -1.08 0.00	31.94 -1.12 0.00	30.21 -1.13 0.00	28.68 -1.07 0.00	27.60 -1.03 0.00	28.26 -0.87 0.00
NINE_MILE_2 23744	19.61 -0.48 -1.78	19.71 -0.49 -1.24	20.13 -0.51 -0.97	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.29 -1.08 -0.31	33.05 -1.13 0.00	32.67 -1.19 0.00	31.47 -1.14 0.00	31.34 -1.14 0.00	31.66 -1.15 0.00	31.89 -1.12 0.00	32.09 -1.13 0.00	32.60 -1.15 0.00	34.42 -1.10 0.00	38.47 -1.15 0.00	33.68 -1.08 0.00	31.94 -1.12 0.00	30.21 -1.13 0.00	28.68 -1.07 0.00	27.60 -1.03 0.00	28.26 -0.87 0.00
NM_CAPITAL____DRP 24208	35.07 0.55 -16.21	30.88 0.61 -11.30	29.24 0.69 -8.88	27.16 0.94 -0.73	28.13 1.00 0.00	30.59 0.95 0.00	36.96 1.28 0.00	41.33 1.48 -2.78	35.62 1.40 -0.04	34.87 1.02 0.00	33.42 0.82 0.00	33.26 0.78 0.00	33.53 0.72 0.00	33.67 0.66 0.00	33.99 0.76 0.00	34.63 0.88 0.00	37.01 1.49 0.00	41.13 1.51 0.00	36.04 1.29 0.00	33.89 0.83 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.41 0.77 0.00	29.55 0.41 0.00
NM_CENTRAL____DRP 24181	20.36 -0.15 -2.20	20.35 -0.15 -1.54	20.72 -0.16 -1.21	25.33 -0.25 -0.10	26.85 -0.27 0.00	29.37 -0.27 0.00	35.67 0.00 0.00	37.29 -0.15 -0.38	33.91 -0.27 -0.01	33.44 -0.41 0.00	32.25 -0.36 0.00	32.09 -0.39 0.00	32.45 -0.36 0.00	32.68 -0.33 0.00	32.86 -0.37 0.00	33.41 -0.34 0.00	35.34 -0.18 0.00	39.50 -0.12 0.00	34.55 -0.21 0.00	32.70 -0.36 0.00	30.93 -0.41 0.00	29.31 -0.45 0.00	28.17 -0.46 0.00	28.85 -0.29 0.00
NM_FRONTIER____DRP 24179	19.93 -1.37 -3.00	19.77 -1.29 -2.09	19.94 -1.38 -1.64	23.53 -2.09 -0.14	25.31 -1.82 0.00	28.01 -1.63 0.00	33.96 -1.71 0.00	34.65 -2.93 -0.51	31.45 -2.73 -0.01	30.94 -2.91 0.00	29.97 -2.64 0.00	29.85 -2.63 0.00	30.18 -2.62 0.00	30.60 -2.41 0.00	30.60 -2.62 0.00	31.32 -2.43 0.00	32.78 -2.73 0.00	37.09 -2.54 0.00	32.33 -2.43 0.00	30.55 -2.51 0.00	28.83 -2.51 0.00	27.37 -2.38 0.00	26.37 -2.26 0.00	27.59 -1.54 0.00
NM_ST_REGIS____HYD 24053	24.48 -0.57 -6.74	23.22 -0.63 -4.88	19.23 -0.63 -0.19	24.89 -0.61 -0.02	26.58 -0.54 0.00	29.25 -0.39 0.00	35.03 -0.64 0.00	36.67 -0.44 -0.06	34.24 0.07 0.00	35.21 1.35 0.00	34.34 1.73 0.00	35.08 2.60 0.00	35.93 3.12 0.00	37.10 4.09 0.00	36.84 3.62 0.00	36.72 2.97 0.00	37.47 1.95 0.00	42.71 3.09 0.00	34.38 -0.38 0.00	33.03 -0.03 0.00	31.43 0.09 0.00	30.11 0.36 0.00	28.98 0.34 0.00	29.66 0.52 0.00
NORTHPORT____1 23551	34.68 1.92 -14.45	31.55 1.95 -10.63	30.19 1.97 -8.56	30.38 2.37 -2.52	31.28 2.52 -1.63	33.95 2.79 -1.52	41.10 4.17 -1.26	46.50 4.56 -4.88	39.67 4.24 -1.26	38.68 3.59 -1.24	38.84 3.26 -2.97	40.39 3.09 -4.82	39.13 3.12 -3.20	41.00 2.97 -5.02	38.69 3.05 -2.41	41.85 3.10 -4.99	45.29 3.87 -5.90	53.33 3.61 -10.10	47.94 3.55 -9.64	43.61 3.11 -7.44	40.78 3.10 -6.34	36.71 2.77 -4.19	32.63 2.72 -1.28	32.61 2.27 -1.20
NORTHPORT____2 23552	34.68 1.92 -14.45	31.55 1.95 -10.63	30.19 1.97 -8.56	30.38 2.37 -2.52	31.28 2.52 -1.63	33.95 2.79 -1.52	41.10 4.17 -1.26	46.50 4.56 -4.88	39.67 4.24 -1.26	38.68 3.59 -1.24	38.84 3.26 -2.97	40.39 3.09 -4.82	39.13 3.12 -3.20	41.00 2.97 -5.02	38.69 3.05 -2.41	41.85 3.10 -4.99	45.29 3.87 -5.90	53.33 3.61 -10.10	47.94 3.55 -9.64	43.61 3.11 -7.44	40.78 3.10 -6.34	36.71 2.77 -4.19	32.63 2.72 -1.28	32.61 2.27 -1.20

NORTHPORT___3 23553	34.12 1.47 -14.34	30.96 1.48 -10.52	29.62 1.49 -8.45	29.68 1.81 -2.38	30.53 1.90 -1.51	33.10 2.04 -1.42	40.05 3.21 -1.17	45.31 3.56 -4.70	38.70 3.35 -1.17	37.88 2.88 -1.15	37.94 2.58 -2.76	39.43 2.47 -4.48	38.21 2.43 -2.97	39.98 2.31 -4.66	37.83 2.36 -2.24	40.79 2.40 -4.64	44.13 3.13 -5.48	51.94 2.93 -9.38	46.45 2.75 -8.95	42.42 2.45 -6.92	39.65 2.41 -5.89	35.79 2.14 -3.89	31.91 2.09 -1.19	31.91 1.66 -1.11
NORTHPORT___4 23650	34.12 1.47 -14.34	30.96 1.48 -10.52	29.62 1.49 -8.45	29.68 1.81 -2.38	30.53 1.90 -1.51	33.10 2.04 -1.42	40.05 3.21 -1.17	45.31 3.56 -4.70	38.70 3.35 -1.17	37.88 2.88 -1.15	37.94 2.58 -2.76	39.43 2.47 -4.48	38.21 2.43 -2.97	39.98 2.31 -4.66	37.83 2.36 -2.24	40.79 2.40 -4.64	44.13 3.13 -5.48	51.94 2.93 -9.38	46.45 2.75 -8.95	42.42 2.45 -6.92	39.65 2.41 -5.89	35.79 2.14 -3.89	31.91 2.09 -1.19	31.91 1.66 -1.11
NORTHPORT___IC 23718	34.68 1.92 -14.45	31.55 1.95 -10.63	30.19 1.97 -8.56	30.38 2.37 -2.52	31.28 2.52 -1.63	33.95 2.79 -1.52	41.10 4.17 -1.26	46.50 4.56 -4.88	39.67 4.24 -1.26	38.68 3.59 -1.24	38.84 3.26 -2.97	40.39 3.09 -4.82	39.13 3.12 -3.20	41.00 2.97 -5.02	38.69 3.05 -2.41	41.85 3.10 -4.99	45.29 3.87 -5.90	53.33 3.61 -10.10	47.94 3.55 -9.64	43.61 3.11 -7.44	40.78 3.10 -6.34	36.71 2.77 -4.19	32.63 2.72 -1.28	32.61 2.27 -1.20
NORTH___COUNTRY_ESR 323785	-8.95 -0.97 26.28	-1.12 -1.02 19.06	18.61 -1.06 0.00	24.44 -1.05 0.00	26.28 -0.84 0.00	29.02 -0.62 0.00	34.60 -1.07 0.00	36.24 -0.89 -0.07	34.86 0.68 0.00	37.81 3.96 0.00	37.66 5.05 0.00	39.98 7.50 0.00	41.67 8.86 0.00	44.56 11.56 0.00	43.39 10.17 0.00	45.83 12.08 0.00	46.60 11.08 0.00	50.99 11.37 0.00	35.11 0.35 0.00	33.69 0.63 0.00	32.25 0.91 0.00	30.70 0.95 0.00	29.43 0.80 0.00	30.04 0.90 0.00
NPX_GEN_1385_PROXY 323591	34.62 1.87 -14.45	31.55 1.95 -10.63	30.16 1.93 -8.56	30.33 2.32 -2.52	31.22 2.47 -1.63	33.89 2.73 -1.52	40.96 4.03 -1.26	46.42 4.48 -4.88	39.91 4.48 -1.26	38.44 3.35 -1.24	38.48 2.90 -2.97	39.70 2.40 -4.82	38.77 2.76 -3.20	40.60 2.58 -5.02	38.33 2.69 -2.41	41.48 2.73 -4.99	44.90 3.48 -5.90	52.70 2.97 -10.10	47.70 3.30 -9.64	43.18 2.68 -7.44	40.63 2.94 -6.34	36.38 2.44 -4.19	32.63 2.72 -1.28	32.49 2.16 -1.20
NPX_GEN_CSC 323557	35.29 2.25 -14.73	32.12 2.22 -10.94	30.77 2.26 -8.84	31.03 2.65 -2.90	31.94 2.87 -1.95	34.72 3.26 -1.82	42.06 4.89 -1.50	47.79 5.34 -5.39	40.63 4.95 -1.50	39.63 4.30 -1.48	40.13 3.98 -3.55	42.04 3.80 -5.76	40.47 3.84 -3.82	42.69 3.70 -5.99	39.89 3.79 -2.88	43.62 3.91 -5.96	47.32 4.76 -7.04	56.64 4.95 -12.07	50.82 4.55 -11.51	45.88 3.93 -8.88	42.77 3.85 -7.58	38.20 3.45 -5.00	33.45 3.29 -1.53	33.37 2.80 -1.43
NSINS_S_GLNS_FALLS 23858	35.73 0.81 -16.62	31.32 0.76 -11.59	29.57 0.79 -9.11	27.28 1.04 -0.75	28.23 1.11 0.00	30.86 1.22 0.00	37.64 1.96 0.00	41.95 2.04 -2.85	36.09 1.88 -0.04	35.31 1.46 0.00	33.98 1.37 0.00	34.04 1.56 0.00	34.29 1.48 0.00	34.49 1.49 0.00	34.78 1.56 0.00	35.34 1.59 0.00	37.65 2.13 0.00	41.88 2.26 0.00	36.53 1.77 0.00	35.14 2.08 0.00	33.31 1.97 0.00	31.63 1.87 0.00	30.38 1.75 0.00	30.57 1.43 0.00
NUCOR_STEEL___DRP 24197	20.96 0.00 -2.66	20.84 0.02 -1.85	21.15 0.02 -1.46	25.56 -0.05 -0.12	27.12 0.00 0.00	29.70 0.06 0.00	36.14 0.46 0.00	37.89 0.37 -0.46	34.39 0.21 -0.01	33.92 0.07 0.00	32.67 0.07 0.00	32.54 0.06 0.00	32.91 0.10 0.00	33.17 0.17 0.00	33.32 0.10 0.00	33.92 0.17 0.00	35.87 0.36 0.00	40.18 0.55 0.00	35.11 0.35 0.00	33.23 0.17 0.00	31.40 0.06 0.00	29.78 0.03 0.00	28.57 -0.06 0.00	29.25 0.12 0.00
NUMBER_THREE_WT_PWR 323818	20.24 -0.11 -2.05	20.25 -0.17 -1.46	20.02 -0.16 -0.50	25.40 -0.13 -0.04	27.01 -0.11 0.00	29.73 0.09 0.00	36.17 0.50 0.00	37.81 0.59 -0.16	34.72 0.55 0.00	34.46 0.61 0.00	33.19 0.59 0.00	33.23 0.75 0.00	33.69 0.89 0.00	34.00 0.99 0.00	34.22 1.00 0.00	34.86 1.11 0.00	36.51 0.99 0.00	40.69 1.07 0.00	35.21 0.45 0.00	33.39 0.33 0.00	31.56 0.22 0.00	29.96 0.21 0.00	28.78 0.14 0.00	29.31 0.18 0.00
NYISO_LBMP_REFERENCE 24008	18.31 0.00 0.00	18.97 0.00 0.00	19.67 0.00 0.00	25.49 0.00 0.00	27.12 0.00 0.00	29.64 0.00 0.00	35.67 0.00 0.00	37.06 0.00 0.00	34.18 0.00 0.00	33.85 0.00 0.00	32.61 0.00 0.00	32.48 0.00 0.00	32.81 0.00 0.00	33.01 0.00 0.00	33.22 0.00 0.00	33.75 0.00 0.00	35.52 0.00 0.00	39.62 0.00 0.00	34.76 0.00 0.00	33.06 0.00 0.00	31.34 0.00 0.00	29.75 0.00 0.00	28.63 0.00 0.00	29.14 0.00 0.00
NYPA_BRENTWD___GT 24164	35.51 2.12 -15.08	32.40 2.12 -11.31	31.01 2.16 -9.18	31.42 2.57 -3.36	32.23 2.77 -2.34	34.91 3.08 -2.19	42.08 4.60 -1.80	48.08 5.00 -6.02	40.65 4.68 -1.79	39.65 4.03 -1.78	40.58 3.72 -4.26	42.93 3.54 -6.91	40.97 3.58 -4.59	43.63 3.43 -7.19	40.20 3.52 -3.45	44.47 3.58 -7.15	48.41 4.44 -8.45	58.57 4.48 -14.47	52.73 4.17 -13.80	47.35 3.64 -10.65	44.00 3.57 -9.09	38.93 3.19 -5.99	33.53 3.07 -1.83	33.45 2.59 -1.72
NYPA_GOWANUS___GT5 24156	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NYPA_GOWANUS___GT6 24157	32.59 1.30 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.18 1.54 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.96 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.54 3.02 0.00	42.71 3.09 0.00	37.64 2.88 0.00	35.18 2.12 0.00	33.44 2.10 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NYPA_HARLEM__RVR_GT1 24160	32.57 1.28 -12.99	29.31 1.29 -9.06	28.07 1.28 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.09 1.45 0.00	37.91 2.25 0.01	41.91 2.63 -2.22	36.87 2.67 -0.02	36.15 2.30 0.01	34.72 2.12 0.01	34.55 2.08 0.01	34.84 2.03 0.01	34.88 1.88 0.01	35.07 1.86 0.01	35.53 1.79 0.01	38.25 2.74 0.01	42.43 2.81 0.01	37.36 2.61 0.01	34.97 1.92 0.01	33.21 1.88 0.01	31.32 1.58 0.01	30.41 1.78 0.00	30.54 1.40 0.00
NYPA_HARLEM__RVR_GT2 24161	32.57 1.28 -12.99	29.31 1.29 -9.06	28.07 1.28 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.09 1.45 0.00	37.91 2.25 0.01	41.91 2.63 -2.22	36.87 2.67 -0.02	36.15 2.30 0.01	34.72 2.12 0.01	34.55 2.08 0.01	34.84 2.03 0.01	34.88 1.88 0.01	35.07 1.86 0.01	35.53 1.79 0.01	38.25 2.74 0.01	42.43 2.81 0.01	37.36 2.61 0.01	34.97 1.92 0.01	33.21 1.88 0.01	31.32 1.58 0.01	30.41 1.78 0.00	30.54 1.40 0.00

NYPA_KENT____GT 24152	32.57 1.28 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.92 2.32 0.00	34.75 2.27 0.00	35.04 2.23 0.00	35.09 2.08 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.50 2.98 0.00	42.71 3.09 0.00	37.61 2.85 0.00	35.18 2.12 0.00	33.41 2.07 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NYPA_POUCH1____GT 24155	32.57 1.28 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.12 1.48 0.00	38.10 2.43 0.00	42.11 2.82 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.86 2.25 0.00	34.69 2.21 0.00	34.97 2.16 0.00	35.02 2.01 0.00	35.18 1.96 0.00	35.61 1.86 0.00	38.43 2.91 0.00	42.60 2.97 0.00	37.57 2.81 0.00	35.11 2.05 0.00	33.35 2.01 0.00	31.51 1.75 0.00	30.38 1.75 0.00	30.48 1.34 0.00
NYPA_VERNON____GT2 24162	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.24 1.60 0.00	38.24 2.57 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.92 2.32 0.00	34.75 2.27 0.00	35.04 2.23 0.00	35.09 2.08 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.67 3.05 0.00	37.57 2.81 0.00	35.15 2.08 0.00	33.41 2.07 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NYPA_VERNON____GT3 24163	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.24 1.60 0.00	38.24 2.57 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.92 2.32 0.00	34.75 2.27 0.00	35.04 2.23 0.00	35.09 2.08 0.00	35.28 2.06 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.67 3.05 0.00	37.57 2.81 0.00	35.15 2.08 0.00	33.41 2.07 0.00	31.57 1.82 0.00	30.44 1.80 0.00	30.51 1.37 0.00
NYPA____ASTORIA_CC1 323568	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.22 2.93 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.06 2.05 0.00	35.25 2.03 0.00	35.71 1.96 0.00	38.43 2.91 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.37 2.04 0.00	31.51 1.75 0.00	30.41 1.78 0.00	30.51 1.37 0.00
NYPA____ASTORIA_CC2 323569	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.75 1.63 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.22 2.93 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.06 2.05 0.00	35.25 2.03 0.00	35.71 1.96 0.00	38.43 2.91 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.37 2.04 0.00	31.51 1.75 0.00	30.41 1.78 0.00	30.51 1.37 0.00
NYPA____HOLTSVILL 23794	35.08 2.07 -14.71	31.94 2.07 -10.91	30.57 2.08 -8.81	30.82 2.47 -2.86	31.70 2.66 -1.92	34.43 2.99 -1.79	41.65 4.49 -1.48	47.34 4.93 -5.35	40.23 4.58 -1.48	39.27 3.96 -1.46	39.72 3.62 -3.50	41.63 3.48 -5.68	40.05 3.48 -3.77	42.28 3.37 -5.90	39.52 3.46 -2.84	43.13 3.51 -5.87	46.83 4.37 -6.94	55.91 4.40 -11.89	50.23 4.13 -11.34	45.36 3.54 -8.75	42.28 3.48 -7.47	37.80 3.12 -4.92	33.14 3.01 -1.50	33.05 2.51 -1.41
NYPA____HELLGATE_GT1 24158	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.84 2.18 0.01	41.88 2.59 -2.22	36.83 2.63 -0.02	36.15 2.30 0.01	34.72 2.12 0.01	34.55 2.08 0.01	34.84 2.03 0.01	34.88 1.88 0.01	35.04 1.83 0.01	35.53 1.79 0.01	38.25 2.74 0.01	42.39 2.77 0.01	37.36 2.61 0.01	34.97 1.92 0.01	33.21 1.88 0.01	31.29 1.55 0.01	30.41 1.78 0.00	30.51 1.37 0.00
NYPA____HELLGATE_GT2 24159	32.56 1.26 -12.99	29.29 1.27 -9.06	28.05 1.26 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.06 1.42 0.00	37.84 2.18 0.01	41.88 2.59 -2.22	36.83 2.63 -0.02	36.15 2.30 0.01	34.72 2.12 0.01	34.55 2.08 0.01	34.84 2.03 0.01	34.88 1.88 0.01	35.04 1.83 0.01	35.53 1.79 0.01	38.25 2.74 0.01	42.39 2.77 0.01	37.36 2.61 0.01	34.97 1.92 0.01	33.21 1.88 0.01	31.29 1.55 0.01	30.41 1.78 0.00	30.51 1.37 0.00
NYS_BARGE____HYD 23848	20.30 -0.97 -2.96	20.12 -0.91 -2.07	20.31 -0.98 -1.62	24.09 -1.53 -0.13	26.01 -1.11 0.00	28.81 -0.83 0.00	35.03 -0.64 0.00	35.68 -1.89 -0.51	32.47 -1.71 -0.01	31.99 -1.86 0.00	30.98 -1.63 0.00	30.89 -1.59 0.00	31.30 -1.51 0.00	31.65 -1.35 0.00	31.70 -1.53 0.00	32.33 -1.42 0.00	33.92 -1.60 0.00	38.43 -1.19 0.00	33.47 -1.29 0.00	31.64 -1.42 0.00	29.74 -1.60 0.00	28.30 -1.46 0.00	27.23 -1.40 0.00	28.44 -0.70 0.00
OAK_ORCHARD____HYD 24046	20.61 -0.39 -2.69	20.50 -0.34 -1.88	20.73 -0.41 -1.48	24.92 -0.69 -0.12	26.47 -0.65 0.00	29.22 -0.41 0.00	35.53 -0.14 0.00	37.04 -0.48 -0.46	33.40 -0.78 -0.01	32.94 -0.91 0.00	31.82 -0.78 0.00	31.70 -0.78 0.00	32.09 -0.72 0.00	32.45 -0.56 0.00	32.56 -0.66 0.00	33.11 -0.64 0.00	34.88 -0.64 0.00	39.30 -0.32 0.00	34.31 -0.45 0.00	32.43 -0.63 0.00	30.56 -0.78 0.00	28.98 -0.77 0.00	27.89 -0.74 0.00	28.85 -0.29 0.00
OAKDALE__35_KV_LOAD 356122	23.38 0.04 -5.04	22.54 0.06 -3.51	22.49 0.06 -2.76	25.71 0.00 -0.23	27.31 0.19 0.00	29.94 0.30 0.00	36.49 0.82 0.00	38.37 0.44 -0.87	34.73 0.55 -0.01	34.19 0.34 0.00	32.90 0.29 0.00	32.77 0.29 0.00	33.10 0.30 0.00	33.34 0.33 0.00	33.52 0.30 0.00	34.12 0.37 0.00	36.16 0.64 0.00	40.49 0.87 0.00	35.38 0.63 0.00	33.43 0.36 0.00	31.62 0.28 0.00	29.99 0.24 0.00	28.80 0.17 0.00	29.43 0.29 0.00
OCC_CHEM____DRP 24175	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.52 -2.67 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.28 -2.53 0.00	30.70 -2.31 0.00	30.70 -2.52 0.00	31.42 -2.33 0.00	32.89 -2.63 0.00	37.21 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.89 -2.44 0.00	27.43 -2.32 0.00	26.43 -2.20 0.00	27.65 -1.49 0.00
OH_GEN_PROXY 24063	20.22 -1.06 -2.98	20.04 -1.01 -2.08	20.22 -1.08 -1.63	23.94 -1.68 -0.13	25.77 -1.36 0.00	28.48 -1.16 0.00	34.57 -1.11 0.00	35.27 -2.30 -0.51	32.03 -2.15 -0.01	31.55 -2.30 0.00	30.55 -2.05 0.00	30.43 -2.05 0.00	30.81 -2.00 0.00	31.19 -1.82 0.00	31.20 -2.03 0.00	31.86 -1.89 0.00	33.39 -2.13 0.00	37.80 -1.82 0.00	32.99 -1.77 0.00	31.18 -1.88 0.00	29.36 -1.97 0.00	27.94 -1.82 0.00	26.91 -1.72 0.00	28.12 -1.02 0.00
OLIN_CORP_DRP 24177	20.15 -1.17 -3.02	19.97 -1.10 -2.10	20.14 -1.18 -1.65	23.79 -1.84 -0.14	25.66 -1.46 0.00	28.39 -1.24 0.00	34.50 -1.18 0.00	35.09 -2.48 -0.52	31.96 -2.22 -0.01	31.45 -2.40 0.00	30.46 -2.15 0.00	30.33 -2.14 0.00	30.71 -2.10 0.00	31.09 -1.91 0.00	31.10 -2.13 0.00	31.83 -1.92 0.00	33.35 -2.17 0.00	37.72 -1.90 0.00	32.88 -1.88 0.00	31.04 -2.02 0.00	29.30 -2.04 0.00	27.79 -1.96 0.00	26.77 -1.86 0.00	28.00 -1.14 0.00

OLIN_CORP_DSASP 323712	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.48 -2.70 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.31 -2.49 0.00	30.70 -2.31 0.00	30.70 -2.53 0.00	31.35 -2.40 0.00	32.82 -2.70 0.00	37.20 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.86 -2.48 0.00	27.46 -2.29 0.00	26.48 -2.15 0.00	27.71 -1.43 0.00
ONEIDA_HERK_LFGE 323681	19.86 0.22 -1.33	20.08 0.17 -0.94	20.30 0.20 -0.44	25.83 0.31 -0.04	27.45 0.33 0.00	30.17 0.53 0.00	36.67 1.00 0.00	38.23 1.04 -0.14	35.13 0.96 0.00	34.77 0.91 0.00	33.36 0.75 0.00	33.42 0.94 0.00	33.86 1.05 0.00	34.10 1.09 0.00	34.32 1.09 0.00	34.93 1.18 0.00	36.73 1.21 0.00	40.97 1.35 0.00	35.70 0.94 0.00	33.79 0.73 0.00	32.00 0.66 0.00	30.32 0.56 0.00	29.15 0.52 0.00	29.63 0.49 0.00
ONEIDA___115KV_TB4 55905	20.08 0.40 -1.37	20.32 0.40 -0.96	20.84 0.41 -0.75	26.11 0.56 -0.06	27.75 0.62 0.00	30.50 0.86 0.00	37.14 1.46 0.00	38.78 1.48 -0.24	35.48 1.30 0.00	35.04 1.18 0.00	33.72 1.11 0.00	33.61 1.14 0.00	34.06 1.25 0.00	34.26 1.25 0.00	34.49 1.26 0.00	35.10 1.35 0.00	36.98 1.46 0.00	41.29 1.66 0.00	36.04 1.29 0.00	34.09 1.02 0.00	32.22 0.88 0.00	30.53 0.77 0.00	29.32 0.69 0.00	29.87 0.73 0.00
ONONDAGA_REF_OCCRA 23987	20.72 -0.07 -2.49	20.63 -0.08 -1.74	20.96 -0.08 -1.36	25.45 -0.15 -0.11	26.99 -0.14 0.00	29.55 -0.09 0.00	35.89 0.21 0.00	37.56 0.07 -0.43	34.15 -0.03 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.35 -0.13 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.65 -0.10 0.00	35.63 0.11 0.00	39.86 0.24 0.00	34.83 0.07 0.00	32.96 -0.10 0.00	31.15 -0.19 0.00	29.54 -0.21 0.00	28.37 -0.26 0.00	29.05 -0.09 0.00
ONONDAGA___COGEN 23986	20.60 -0.04 -2.33	20.55 -0.04 -1.63	20.91 -0.04 -1.28	25.49 -0.10 -0.10	27.01 -0.11 0.00	29.55 -0.09 0.00	35.85 0.18 0.00	37.57 0.11 -0.40	34.11 -0.07 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.96 -0.10 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	29.02 -0.12 0.00
ONTARIO___LFGE 23819	21.15 -0.07 -2.92	20.95 -0.06 -2.04	21.23 -0.04 -1.60	25.49 -0.13 -0.13	27.23 0.11 0.00	29.97 0.33 0.00	36.60 0.93 0.00	38.26 0.70 -0.50	34.73 0.55 -0.01	34.19 0.34 0.00	32.97 0.36 0.00	32.87 0.39 0.00	33.27 0.46 0.00	33.57 0.56 0.00	33.72 0.50 0.00	34.29 0.54 0.00	36.30 0.78 0.00	40.77 1.15 0.00	35.63 0.87 0.00	33.69 0.63 0.00	31.74 0.41 0.00	30.11 0.36 0.00	28.86 0.23 0.00	29.66 0.53 0.00
ORANGEVILLE_WT_PWR 323706	20.72 -0.97 -3.38	20.43 -0.89 -2.36	20.64 -0.88 -1.85	24.31 -1.33 -0.15	26.39 -0.73 0.00	29.20 -0.44 0.00	35.64 -0.04 0.00	36.31 -1.33 -0.58	33.29 -0.89 -0.01	32.80 -1.05 0.00	31.66 -0.95 0.00	31.53 -0.94 0.00	31.99 -0.82 0.00	32.41 -0.59 0.00	32.46 -0.76 0.00	33.11 -0.64 0.00	34.88 -0.64 0.00	39.46 -0.16 0.00	34.38 -0.38 0.00	32.50 -0.56 0.00	30.59 -0.75 0.00	29.10 -0.65 0.00	27.97 -0.66 0.00	29.02 -0.12 0.00
ORANGEVILLE___ESR 323794	20.72 -0.97 -3.38	20.43 -0.89 -2.36	20.64 -0.88 -1.85	24.31 -1.33 -0.15	26.39 -0.73 0.00	29.20 -0.44 0.00	35.64 -0.04 0.00	36.31 -1.33 -0.58	33.29 -0.89 -0.01	32.80 -1.05 0.00	31.66 -0.95 0.00	31.53 -0.94 0.00	31.99 -0.82 0.00	32.41 -0.59 0.00	32.46 -0.76 0.00	33.11 -0.64 0.00	34.88 -0.64 0.00	39.46 -0.16 0.00	34.38 -0.38 0.00	32.50 -0.56 0.00	30.59 -0.75 0.00	29.10 -0.65 0.00	27.97 -0.66 0.00	29.02 -0.12 0.00
OSWEGATCHIE___HYD 24044	21.04 -0.49 -3.23	20.72 -0.57 -2.32	19.47 -0.57 -0.37	24.91 -0.61 -0.03	26.50 -0.62 0.00	29.14 -0.50 0.00	35.25 -0.43 0.00	36.88 -0.30 -0.12	34.01 -0.17 0.00	34.12 0.27 0.00	33.00 0.39 0.00	33.16 0.68 0.00	33.73 0.92 0.00	34.19 1.19 0.00	34.32 1.09 0.00	35.06 1.31 0.00	36.23 0.71 0.00	40.18 0.55 0.00	34.24 -0.52 0.00	32.67 -0.40 0.00	30.96 -0.37 0.00	29.55 -0.21 0.00	28.43 -0.20 0.00	29.05 -0.09 0.00
OSWEGO___5 23606	19.97 -0.33 -2.00	20.02 -0.34 -1.39	20.41 -0.35 -1.09	25.07 -0.51 -0.09	26.58 -0.54 0.00	29.05 -0.59 0.00	35.17 -0.50 0.00	36.74 -0.67 -0.34	33.43 -0.75 0.00	33.01 -0.84 0.00	31.82 -0.78 0.00	31.70 -0.78 0.00	32.02 -0.79 0.00	32.25 -0.76 0.00	32.43 -0.80 0.00	32.98 -0.77 0.00	34.81 -0.71 0.00	38.91 -0.71 0.00	34.06 -0.69 0.00	32.30 -0.76 0.00	30.56 -0.78 0.00	28.98 -0.77 0.00	27.89 -0.74 0.00	28.56 -0.58 0.00
OSWEGO___6 23613	19.97 -0.33 -2.00	20.02 -0.34 -1.39	20.41 -0.35 -1.09	25.07 -0.51 -0.09	26.58 -0.54 0.00	29.05 -0.59 0.00	35.17 -0.50 0.00	36.74 -0.67 -0.34	33.43 -0.75 0.00	33.01 -0.84 0.00	31.82 -0.78 0.00	31.70 -0.78 0.00	32.02 -0.79 0.00	32.25 -0.76 0.00	32.43 -0.80 0.00	32.98 -0.77 0.00	34.81 -0.71 0.00	38.91 -0.71 0.00	34.06 -0.69 0.00	32.30 -0.76 0.00	30.56 -0.78 0.00	28.98 -0.77 0.00	27.89 -0.74 0.00	28.56 -0.58 0.00
OUTOKUMPU-AB___DRP 24206	20.40 -0.93 -3.03	20.21 -0.87 -2.11	20.41 -0.92 -1.66	24.15 -1.48 -0.14	26.15 -0.98 0.00	28.96 -0.68 0.00	35.21 -0.46 0.00	35.76 -1.82 -0.52	32.68 -1.50 -0.01	32.16 -1.69 0.00	31.14 -1.47 0.00	31.05 -1.43 0.00	31.43 -1.38 0.00	31.85 -1.16 0.00	31.83 -1.40 0.00	32.57 -1.18 0.00	34.13 -1.39 0.00	38.67 -0.95 0.00	33.65 -1.11 0.00	31.77 -1.29 0.00	29.93 -1.41 0.00	28.41 -1.34 0.00	27.34 -1.29 0.00	28.53 -0.61 0.00
OXBOW___ 24026	20.24 -1.08 -3.02	20.04 -1.02 -2.10	20.22 -1.10 -1.65	23.94 -1.68 -0.14	25.82 -1.30 0.00	28.57 -1.07 0.00	34.71 -0.96 0.00	35.36 -2.22 -0.52	32.13 -2.05 -0.01	31.68 -2.17 0.00	30.68 -1.92 0.00	30.59 -1.88 0.00	30.97 -1.84 0.00	31.36 -1.65 0.00	31.36 -1.86 0.00	32.03 -1.72 0.00	33.57 -1.95 0.00	38.04 -1.59 0.00	33.13 -1.63 0.00	31.31 -1.75 0.00	29.46 -1.88 0.00	28.03 -1.73 0.00	27.00 -1.63 0.00	28.20 -0.93 0.00
OXY_CHEM_DSASP 323612	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.52 -2.67 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.28 -2.53 0.00	30.70 -2.31 0.00	30.70 -2.52 0.00	31.42 -2.33 0.00	32.89 -2.63 0.00	37.21 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.89 -2.44 0.00	27.43 -2.32 0.00	26.43 -2.20 0.00	27.65 -1.49 0.00
OZONE_PARK_ESR 323760	32.61 1.32 -12.99	29.37 1.35 -9.06	28.16 1.38 -7.12	27.73 1.66 -0.58	28.86 1.74 0.00	31.42 1.78 0.00	38.53 2.85 0.00	42.55 3.26 -2.23	37.32 3.11 -0.03	36.56 2.71 0.00	35.09 2.48 0.00	34.91 2.44 0.00	35.17 2.36 0.00	35.22 2.21 0.00	35.42 2.19 0.00	35.98 2.23 0.00	38.72 3.20 0.00	42.91 3.29 0.00	37.78 3.02 0.00	35.38 2.31 0.00	33.59 2.26 0.00	31.78 2.02 0.00	30.58 1.95 0.00	30.65 1.52 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.52 -2.67 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.28 -2.53 0.00	30.70 -2.31 0.00	30.70 -2.52 0.00	31.42 -2.33 0.00	32.89 -2.63 0.00	37.21 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.89 -2.44 0.00	27.43 -2.32 0.00	26.43 -2.20 0.00	27.65 -1.49 0.00
PACKARD__115KV_DUPONT_184 80571	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.52 -2.67 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.28 -2.53 0.00	30.70 -2.31 0.00	30.70 -2.52 0.00	31.42 -2.33 0.00	32.89 -2.63 0.00	37.21 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.89 -2.44 0.00	27.43 -2.32 0.00	26.43 -2.20 0.00	27.65 -1.49 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.61 1.32 -12.99	29.35 1.33 -9.06	28.11 1.32 -7.12	27.65 1.58 -0.58	28.78 1.65 0.00	31.15 1.51 0.00	38.06 2.39 0.00	42.07 2.78 -2.23	36.91 2.70 -0.03	36.15 2.30 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.57 1.82 0.00	38.33 2.81 0.00	42.44 2.81 0.00	37.36 2.61 0.00	34.98 1.92 0.00	33.22 1.88 0.00	31.39 1.64 0.00	30.41 1.78 0.00	30.54 1.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.85 1.56 -12.99	29.60 1.57 -9.06	28.38 1.59 -7.12	27.98 1.91 -0.58	29.13 2.01 0.00	31.51 1.87 0.00	38.53 2.85 0.00	42.55 3.26 -2.23	37.35 3.14 -0.03	36.59 2.74 0.00	35.12 2.51 0.00	34.95 2.47 0.00	35.27 2.46 0.00	35.29 2.28 0.00	35.48 2.26 0.00	35.98 2.23 0.00	38.75 3.23 0.00	42.91 3.29 0.00	37.78 3.02 0.00	35.34 2.28 0.00	33.56 2.23 0.00	31.72 1.96 0.00	30.75 2.12 0.00	30.92 1.78 0.00
PATROON__115KV_TB1 80586	35.15 0.55 -16.30	30.94 0.61 -11.37	29.29 0.69 -8.93	27.19 0.97 -0.73	28.15 1.03 0.00	30.62 0.98 0.00	36.99 1.32 0.00	41.34 1.48 -2.80	35.62 1.40 -0.04	34.87 1.02 0.00	33.45 0.85 0.00	33.29 0.81 0.00	33.56 0.75 0.00	33.70 0.69 0.00	34.02 0.80 0.00	34.66 0.91 0.00	37.01 1.49 0.00	41.13 1.51 0.00	36.04 1.29 0.00	33.89 0.83 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.41 0.77 0.00	29.55 0.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.30 -1.17 -3.16	20.05 -1.12 -2.21	20.24 -1.16 -1.73	23.87 -1.76 -0.14	26.69 -0.43 0.00	29.52 -0.12 0.00	36.39 0.71 0.00	35.35 -2.26 -0.55	34.01 -0.17 -0.01	33.48 -0.37 0.00	32.38 -0.23 0.00	32.28 -0.19 0.00	32.64 -0.16 0.00	33.07 0.07 0.00	33.06 -0.17 0.00	33.85 0.10 0.00	35.52 0.00 0.00	39.82 0.20 0.00	34.65 -0.10 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.28 -0.48 0.00	28.17 -0.46 0.00	29.17 0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.70 1.23 -13.17	29.40 1.25 -9.18	28.17 1.28 -7.22	27.66 1.58 -0.59	28.75 1.63 0.00	31.24 1.60 0.00	38.24 2.57 0.00	42.25 2.93 -2.26	37.04 2.84 -0.03	36.32 2.47 0.00	34.92 2.32 0.00	34.69 2.21 0.00	34.97 2.17 0.00	35.02 2.01 0.00	35.38 2.16 0.00	35.84 2.09 0.00	38.43 2.91 0.00	42.67 3.05 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.26 1.63 0.00	30.36 1.22 0.00
PEEKSKILL____ 23653	32.23 1.06 -12.86	29.01 1.08 -8.97	27.82 1.10 -7.05	27.39 1.32 -0.58	28.48 1.36 0.00	31.03 1.39 0.00	37.99 2.32 0.00	41.90 2.63 -2.21	36.73 2.53 -0.03	35.95 2.10 0.00	34.50 1.89 0.00	34.30 1.82 0.00	34.55 1.74 0.00	34.62 1.62 0.00	34.88 1.66 0.00	35.44 1.69 0.00	38.00 2.49 0.00	42.20 2.57 0.00	37.12 2.36 0.00	34.78 1.72 0.00	33.06 1.72 0.00	31.27 1.52 0.00	30.06 1.43 0.00	30.19 1.05 0.00
PGE MADISON____WINDPWR 24146	24.28 1.19 -4.79	23.50 1.20 -3.34	23.52 1.22 -2.62	27.41 1.71 -0.22	29.10 1.98 0.00	32.28 2.64 0.00	39.77 4.10 0.00	42.03 4.15 -0.82	37.98 3.79 -0.01	37.61 3.76 0.00	36.26 3.65 0.00	35.92 3.44 0.00	36.22 3.41 0.00	36.47 3.46 0.00	36.78 3.56 0.00	37.53 3.78 0.00	39.71 4.19 0.00	44.89 5.27 0.00	39.17 4.41 0.00	36.83 3.77 0.00	34.79 3.45 0.00	32.94 3.19 0.00	31.35 2.72 0.00	31.91 2.77 0.00
PIERCEFIELD____HYD 23852	21.93 -0.49 -4.12	21.39 -0.55 -2.98	19.32 -0.55 -0.20	24.97 -0.54 -0.02	26.61 -0.52 0.00	29.22 -0.41 0.00	35.03 -0.64 0.00	36.68 -0.44 -0.06	34.01 -0.17 0.00	34.46 0.61 0.00	33.45 0.85 0.00	33.74 1.27 0.00	34.38 1.57 0.00	35.05 2.05 0.00	35.05 1.83 0.00	35.24 1.49 0.00	35.98 0.46 0.00	40.41 0.79 0.00	33.99 -0.76 0.00	32.66 -0.40 0.00	31.02 -0.31 0.00	29.78 0.03 0.00	28.72 0.09 0.00	29.43 0.29 0.00
PINELAWN_CC_I 323563	37.00 1.87 -16.83	34.04 1.88 -13.20	32.48 1.91 -10.90	33.45 2.29 -5.67	33.88 2.47 -4.29	36.35 2.70 -4.01	43.04 4.07 -3.30	50.71 4.48 -9.17	41.61 4.17 -3.27	40.73 3.62 -3.26	43.71 3.29 -7.81	48.29 3.15 -12.67	44.37 3.15 -8.41	49.18 3.00 -13.17	42.63 3.09 -6.32	49.98 3.14 -13.09	55.02 4.01 -15.49	70.26 4.12 -26.52	63.88 3.82 -25.30	55.78 3.21 -19.51	51.13 3.13 -16.65	43.52 2.80 -10.97	34.71 2.72 -3.36	34.56 2.27 -3.15
PJM_GEN_HTP_PROXY 323702	32.45 1.15 -12.99	29.22 1.20 -9.06	28.01 1.22 -7.12	27.52 1.45 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	36.97 2.77 -0.03	36.22 2.37 0.00	34.76 2.15 0.00	34.59 2.11 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.12 1.89 0.00	35.64 1.89 0.00	38.29 2.77 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.01 1.95 0.00	33.28 1.94 0.00	31.48 1.72 0.00	30.29 1.66 0.00	30.39 1.25 0.00
PJM_GEN_KEystone 24065	26.71 0.06 -8.35	24.90 0.11 -5.82	24.35 0.10 -4.58	25.81 -0.05 -0.38	27.37 0.24 0.00	30.00 0.36 0.00	36.71 1.04 0.00	38.94 0.45 -1.43	34.88 0.68 -0.02	34.22 0.37 0.00	32.90 0.29 0.00	32.74 0.26 0.00	33.07 0.26 0.00	33.27 0.26 0.00	32.05 0.20 1.37	34.02 0.27 0.00	35.98 0.64 0.18	40.46 0.83 0.00	35.45 0.69 0.00	33.36 0.30 0.00	31.59 0.25 0.00	29.96 0.21 0.00	28.86 0.23 0.00	29.40 0.26 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.16 1.54 -13.32	29.97 1.59 -9.41	28.73 1.61 -7.44	28.47 1.96 -1.02	29.58 2.09 -0.37	32.21 2.22 -0.34	39.35 3.39 -0.29	43.61 3.71 -2.84	37.97 3.49 -0.31	37.14 3.01 -0.28	35.99 2.70 -0.67	36.20 2.63 -1.10	36.13 2.59 -0.73	36.59 2.44 -1.14	34.06 2.49 1.66	37.43 2.53 -1.15	34.81 3.38 4.09	45.42 3.49 -2.31	40.15 3.20 -2.20	30.48 2.55 5.13	29.45 2.51 4.39	32.98 2.26 -0.96	31.15 2.23 -0.29	31.24 1.84 -0.27
PJM_GEN_VFT_PROXY 323633	32.37 1.08 -12.99	29.14 1.12 -9.06	27.91 1.12 -7.12	27.40 1.32 -0.58	28.51 1.38 0.00	31.06 1.42 0.00	38.10 2.43 0.00	42.07 2.78 -2.23	36.84 2.63 -0.03	36.08 2.23 0.00	34.63 2.02 0.00	34.43 1.95 0.00	34.71 1.90 0.00	34.76 1.75 0.00	34.98 1.76 0.00	35.47 1.72 0.00	38.15 2.63 0.00	42.32 2.70 0.00	37.26 2.50 0.00	34.88 1.82 0.00	33.15 1.82 0.00	31.33 1.58 0.00	30.18 1.55 0.00	30.25 1.11 0.00

PLATSBRG_115KV_PMLD1 355749	-6.94 -0.81 24.44	0.39 -0.85 17.72	18.79 -0.89 0.00	24.70 -0.79 0.00	26.61 -0.52 0.00	29.37 -0.27 0.00	35.10 -0.57 0.00	36.50 -0.56 0.00	35.13 0.96 0.00	38.15 4.30 0.00	37.99 5.38 0.00	40.37 7.89 0.00	42.06 9.25 0.00	45.02 12.01 0.00	43.82 10.60 0.00	42.39 8.64 0.00	43.23 7.71 0.00	51.47 11.85 0.00	35.56 0.80 0.00	34.05 0.99 0.00	32.78 1.44 0.00	31.18 1.43 0.00	29.89 1.26 0.00	30.54 1.40 0.00
PLEASANTVLY___LBMP 24000	32.88 1.01 -13.57	29.47 1.04 -9.46	28.17 1.06 -7.44	27.37 1.27 -0.61	28.45 1.33 0.00	31.00 1.36 0.00	37.85 2.18 0.00	41.87 2.48 -2.33	36.57 2.36 -0.03	35.78 1.93 0.00	34.30 1.70 0.00	34.07 1.59 0.00	34.35 1.54 0.00	34.43 1.42 0.00	34.72 1.50 0.00	35.30 1.55 0.00	37.86 2.34 0.00	42.00 2.38 0.00	36.91 2.15 0.00	34.62 1.55 0.00	32.87 1.54 0.00	31.15 1.40 0.00	29.95 1.32 0.00	30.13 0.99 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.51 1.13 -13.07	29.24 1.16 -9.12	28.02 1.18 -7.16	27.50 1.43 -0.59	28.61 1.49 0.00	31.18 1.54 0.00	38.17 2.50 0.00	42.12 2.82 -2.24	36.91 2.70 -0.03	36.12 2.27 0.00	34.66 2.05 0.00	34.46 1.98 0.00	34.74 1.94 0.00	34.79 1.78 0.00	35.05 1.83 0.00	35.64 1.89 0.00	38.25 2.73 0.00	42.40 2.77 0.00	37.30 2.54 0.00	34.95 1.88 0.00	33.19 1.85 0.00	31.42 1.67 0.00	30.21 1.57 0.00	30.33 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.51 1.13 -13.07	29.24 1.16 -9.12	28.02 1.18 -7.16	27.50 1.43 -0.59	28.61 1.49 0.00	31.18 1.54 0.00	38.17 2.50 0.00	42.12 2.82 -2.24	36.91 2.70 -0.03	36.12 2.27 0.00	34.66 2.05 0.00	34.46 1.98 0.00	34.74 1.94 0.00	34.79 1.78 0.00	35.05 1.83 0.00	35.64 1.89 0.00	38.25 2.73 0.00	42.40 2.77 0.00	37.30 2.54 0.00	34.95 1.88 0.00	33.19 1.85 0.00	31.42 1.67 0.00	30.21 1.57 0.00	30.33 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.80 1.12 -13.38	29.43 1.14 -9.33	28.16 1.16 -7.33	27.52 1.43 -0.60	28.64 1.52 0.00	31.15 1.51 0.00	38.03 2.35 0.00	41.99 2.63 -2.30	36.70 2.49 -0.03	35.88 2.03 0.00	34.43 1.83 0.00	34.20 1.72 0.00	34.48 1.67 0.00	34.53 1.52 0.00	34.85 1.63 0.00	35.50 1.75 0.00	38.04 2.52 0.00	42.24 2.62 0.00	37.09 2.33 0.00	34.78 1.72 0.00	33.00 1.66 0.00	31.27 1.52 0.00	30.06 1.43 0.00	30.25 1.11 0.00
POLETTI_____ 23519	32.46 1.17 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.55 1.48 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.18 2.89 -2.23	36.94 2.73 -0.03	36.19 2.34 0.00	34.73 2.12 0.00	34.56 2.08 0.00	34.84 2.03 0.00	34.89 1.88 0.00	35.08 1.86 0.00	35.64 1.89 0.00	38.33 2.81 0.00	42.47 2.85 0.00	37.40 2.64 0.00	35.01 1.95 0.00	33.25 1.91 0.00	31.48 1.73 0.00	30.32 1.69 0.00	30.39 1.25 0.00
POMONA____ESR 323819	31.88 1.04 -12.53	28.79 1.08 -8.74	27.62 1.08 -6.87	27.35 1.30 -0.56	28.45 1.33 0.00	31.00 1.36 0.00	37.96 2.29 0.00	41.81 2.59 -2.15	36.63 2.43 -0.03	35.88 2.03 0.00	34.43 1.82 0.00	34.20 1.72 0.00	34.48 1.67 0.00	34.53 1.52 0.00	34.79 1.56 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.08 2.46 0.00	37.02 2.26 0.00	34.71 1.65 0.00	33.00 1.66 0.00	31.21 1.46 0.00	30.01 1.37 0.00	30.16 1.02 0.00
PORT_JEFF_3 23555	35.14 2.10 -14.73	32.01 2.10 -10.94	30.65 2.14 -8.84	30.91 2.52 -2.90	31.78 2.71 -1.95	34.52 3.05 -1.82	41.78 4.60 -1.50	47.46 5.00 -5.40	40.36 4.68 -1.50	39.39 4.06 -1.48	39.87 3.72 -3.55	41.81 3.57 -5.76	40.21 3.58 -3.83	42.47 3.46 -5.99	39.63 3.52 -2.88	43.33 3.61 -5.96	47.04 4.48 -7.05	56.25 4.55 -12.07	50.51 4.24 -11.52	45.62 3.67 -8.89	42.49 3.57 -7.58	37.97 3.21 -5.00	33.25 3.09 -1.53	33.16 2.59 -1.43
PORT_JEFF_4 23616	35.14 2.10 -14.73	32.01 2.10 -10.94	30.65 2.14 -8.84	30.91 2.52 -2.90	31.78 2.71 -1.95	34.52 3.05 -1.82	41.78 4.60 -1.50	47.46 5.00 -5.40	40.36 4.68 -1.50	39.39 4.06 -1.48	39.87 3.72 -3.55	41.81 3.57 -5.76	40.21 3.58 -3.83	42.47 3.46 -5.99	39.63 3.52 -2.88	43.33 3.61 -5.96	47.04 4.48 -7.05	56.25 4.55 -12.07	50.51 4.24 -11.52	45.62 3.67 -8.89	42.49 3.57 -7.58	37.97 3.21 -5.00	33.25 3.09 -1.53	33.16 2.59 -1.43
PORT_JEFF_IC 23713	35.25 2.14 -14.81	32.11 2.12 -11.02	30.75 2.16 -8.91	31.03 2.55 -3.00	31.89 2.74 -2.03	34.62 3.08 -1.90	41.91 4.67 -1.57	47.67 5.08 -5.53	40.49 4.75 -1.56	39.49 4.09 -1.54	40.09 3.78 -3.70	42.09 3.60 -6.01	40.44 3.64 -3.99	42.76 3.50 -6.25	39.82 3.59 -3.01	43.65 3.68 -6.22	47.42 4.55 -7.35	56.89 4.67 -12.59	51.08 4.31 -12.01	46.06 3.73 -9.27	42.91 3.66 -7.90	38.24 3.27 -5.21	33.35 3.12 -1.59	33.25 2.62 -1.49
PPL PILGRIM_ST_GT1 24216	35.51 2.12 -15.08	32.40 2.12 -11.31	31.01 2.16 -9.18	31.42 2.57 -3.36	32.23 2.77 -2.34	34.91 3.08 -2.19	42.08 4.60 -1.80	48.08 5.00 -6.02	40.65 4.68 -1.79	39.65 4.03 -1.78	40.58 3.72 -4.26	42.93 3.54 -6.91	40.97 3.58 -4.59	43.63 3.43 -7.19	40.20 3.52 -3.45	44.47 3.58 -7.15	48.41 4.44 -8.45	58.57 4.48 -14.47	52.73 4.17 -13.80	47.35 3.64 -10.65	44.00 3.57 -9.09	38.93 3.19 -5.99	33.53 3.07 -1.83	33.45 2.59 -1.72
PPL PILGRIM_ST_GT2 24217	35.51 2.12 -15.08	32.40 2.12 -11.31	31.01 2.16 -9.18	31.42 2.57 -3.36	32.23 2.77 -2.34	34.91 3.08 -2.19	42.08 4.60 -1.80	48.08 5.00 -6.02	40.65 4.68 -1.79	39.65 4.03 -1.78	40.58 3.72 -4.26	42.93 3.54 -6.91	40.97 3.58 -4.59	43.63 3.43 -7.19	40.20 3.52 -3.45	44.47 3.58 -7.15	48.41 4.44 -8.45	58.57 4.48 -14.47	52.73 4.17 -13.80	47.35 3.64 -10.65	44.00 3.57 -9.09	38.93 3.19 -5.99	33.53 3.07 -1.83	33.45 2.59 -1.72
PPL_SHRM_GT3 24213	35.34 2.27 -14.77	32.18 2.24 -10.97	30.82 2.28 -8.87	31.10 2.68 -2.94	31.98 2.87 -1.99	34.79 3.29 -1.86	42.13 4.92 -1.53	47.89 5.37 -5.46	40.69 4.99 -1.53	39.69 4.33 -1.51	40.24 4.01 -3.62	42.18 3.83 -5.87	40.58 3.87 -3.90	42.84 3.73 -6.11	39.98 3.82 -2.94	43.77 3.95 -6.08	47.53 4.83 -7.18	56.92 4.99 -12.30	51.08 4.59 -11.73	46.12 4.00 -9.06	42.95 3.89 -7.72	38.33 3.48 -5.09	33.51 3.32 -1.56	33.42 2.83 -1.46
PPL_SHRM_GT4 24214	35.34 2.27 -14.77	32.18 2.24 -10.97	30.82 2.28 -8.87	31.10 2.68 -2.94	31.98 2.87 -1.99	34.79 3.29 -1.86	42.13 4.92 -1.53	47.89 5.37 -5.46	40.69 4.99 -1.53	39.69 4.33 -1.51	40.24 4.01 -3.62	42.18 3.83 -5.87	40.58 3.87 -3.90	42.84 3.73 -6.11	39.98 3.82 -2.94	43.77 3.95 -6.08	47.53 4.83 -7.18	56.92 4.99 -12.30	51.08 4.59 -11.73	46.12 4.00 -9.06	42.95 3.89 -7.72	38.33 3.48 -5.09	33.51 3.32 -1.56	33.42 2.83 -1.46
PROJECT___ORANGE I 24174	20.40 -0.13 -2.23	20.39 -0.13 -1.55	20.75 -0.14 -1.22	25.36 -0.23 -0.10	26.88 -0.24 0.00	29.40 -0.24 0.00	35.71 0.04 0.00	37.33 -0.11 -0.38	33.94 -0.24 -0.01	33.48 -0.37 0.00	32.25 -0.36 0.00	32.12 -0.36 0.00	32.48 -0.33 0.00	32.71 -0.30 0.00	32.89 -0.33 0.00	33.45 -0.30 0.00	35.38 -0.14 0.00	39.54 -0.08 0.00	34.58 -0.17 0.00	32.73 -0.33 0.00	30.93 -0.41 0.00	29.34 -0.42 0.00	28.20 -0.43 0.00	28.88 -0.26 0.00

PROJECT___ORANGE 2 24166	20.40 -0.13 -2.23	20.39 -0.13 -1.55	20.75 -0.14 -1.22	25.36 -0.23 -0.10	26.88 -0.24 0.00	29.40 -0.24 0.00	35.71 0.04 0.00	37.33 -0.11 -0.38	33.94 -0.24 -0.01	33.48 -0.37 0.00	32.25 -0.36 0.00	32.12 -0.36 0.00	32.48 -0.33 0.00	32.71 -0.30 0.00	32.89 -0.33 0.00	33.45 -0.30 0.00	35.38 -0.14 0.00	39.54 -0.08 0.00	34.58 -0.17 0.00	32.73 -0.33 0.00	30.93 -0.41 0.00	29.34 -0.42 0.00	28.20 -0.43 0.00	28.88 -0.26 0.00
PUCKETT___SOLAR 323809	23.82 0.40 -5.12	22.95 0.42 -3.57	22.91 0.43 -2.80	26.23 0.51 -0.23	27.88 0.76 0.00	30.59 0.95 0.00	37.42 1.75 0.00	39.46 1.52 -0.88	35.66 1.47 -0.01	35.07 1.22 0.00	33.78 1.17 0.00	33.58 1.10 0.00	33.99 1.18 0.00	34.23 1.22 0.00	34.42 1.19 0.00	35.06 1.31 0.00	37.15 1.63 0.00	41.68 2.06 0.00	36.43 1.67 0.00	34.35 1.29 0.00	32.46 1.13 0.00	30.79 1.04 0.00	29.55 0.92 0.00	30.13 0.99 0.00
PYRITES___HYD 24023	21.90 -0.09 -3.69	21.46 -0.17 -2.66	19.70 -0.16 -0.19	25.50 0.00 -0.02	27.15 0.03 0.00	29.94 0.30 0.00	35.82 0.14 0.00	37.49 0.37 -0.06	34.69 0.51 0.00	35.04 1.18 0.00	34.01 1.40 0.00	34.17 1.69 0.00	34.81 2.00 0.00	35.38 2.38 0.00	35.45 2.23 0.00	35.71 1.96 0.00	36.51 0.99 0.00	40.97 1.35 0.00	34.83 0.07 0.00	33.46 0.40 0.00	31.78 0.44 0.00	30.41 0.65 0.00	29.29 0.66 0.00	29.93 0.79 0.00
QUAKERRD_115KV_BK1 80622	20.20 -0.75 -2.64	20.07 -0.74 -1.84	20.31 -0.81 -1.45	24.43 -1.17 -0.12	25.93 -1.19 0.00	28.57 -1.07 0.00	34.71 -0.96 0.00	36.33 -1.19 -0.45	32.78 -1.40 -0.01	32.29 -1.56 0.00	31.21 -1.40 0.00	31.05 -1.43 0.00	31.43 -1.38 0.00	31.75 -1.25 0.00	31.89 -1.33 0.00	32.47 -1.28 0.00	34.20 -1.31 0.00	38.43 -1.19 0.00	33.54 -1.22 0.00	31.77 -1.29 0.00	29.96 -1.38 0.00	28.38 -1.37 0.00	27.29 -1.35 0.00	28.15 -0.99 0.00
QUENSBRY_115KV_TB8 356137	35.79 0.86 -16.63	31.38 0.82 -11.59	29.61 0.83 -9.11	27.33 1.10 -0.75	28.32 1.19 0.00	30.94 1.30 0.00	37.78 2.10 0.00	42.10 2.19 -2.86	36.23 2.02 -0.04	35.48 1.62 0.00	34.11 1.50 0.00	34.23 1.75 0.00	34.45 1.64 0.00	34.69 1.68 0.00	34.95 1.73 0.00	35.50 1.75 0.00	37.61 2.10 0.00	41.84 2.22 0.00	36.50 1.74 0.00	35.18 2.12 0.00	33.34 2.01 0.00	31.66 1.90 0.00	30.41 1.78 0.00	30.57 1.43 0.00
RAMAPO___LBMP 323565	31.77 0.97 -12.49	28.68 1.01 -8.71	27.54 1.02 -6.85	27.27 1.22 -0.56	28.37 1.25 0.00	30.91 1.27 0.00	37.85 2.18 0.00	41.65 2.45 -2.15	36.53 2.32 -0.03	35.75 1.90 0.00	34.30 1.70 0.00	34.10 1.62 0.00	34.35 1.54 0.00	34.43 1.42 0.00	34.69 1.46 0.00	35.27 1.52 0.00	37.79 2.27 0.00	41.92 2.30 0.00	36.88 2.12 0.00	34.58 1.52 0.00	32.87 1.54 0.00	31.12 1.37 0.00	29.92 1.29 0.00	30.07 0.93 0.00
RANKINE____ 23646	20.52 -0.92 -3.13	20.30 -0.85 -2.18	20.48 -0.90 -1.72	24.20 -1.43 -0.14	26.44 -0.68 0.00	29.28 -0.36 0.00	35.64 -0.04 0.00	35.97 -1.63 -0.54	33.19 -0.99 -0.01	32.67 -1.18 0.00	31.60 -1.01 0.00	31.50 -0.97 0.00	31.89 -0.92 0.00	32.28 -0.73 0.00	32.29 -0.93 0.00	33.04 -0.71 0.00	34.67 -0.85 0.00	39.31 -0.32 0.00	34.20 -0.56 0.00	32.30 -0.76 0.00	30.43 -0.91 0.00	28.89 -0.86 0.00	27.80 -0.83 0.00	28.91 -0.23 0.00
RAVENSWOOD_GT2_1 24244	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD_GT2_2 24245	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD_GT2_3 24246	32.48 1.19 -12.99	29.25 1.23 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.28 2.60 0.00	42.25 2.96 -2.23	37.04 2.84 -0.03	36.25 2.40 0.00	34.82 2.22 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.40 2.88 0.00	42.55 2.93 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.35 1.72 0.00	30.42 1.28 0.00
RAVENSWOOD_GT2_4 24247	32.48 1.19 -12.99	29.25 1.23 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.28 2.60 0.00	42.25 2.96 -2.23	37.04 2.84 -0.03	36.25 2.40 0.00	34.82 2.22 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.40 2.88 0.00	42.55 2.93 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.35 1.72 0.00	30.42 1.28 0.00
RAVENSWOOD_GT3_1 24248	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.55 2.93 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD_GT3_2 24249	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.55 2.93 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD_GT3_3 24250	32.50 1.21 -12.99	29.25 1.23 -9.06	28.05 1.26 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.24 1.60 0.00	38.28 2.60 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.29 2.44 0.00	34.86 2.25 0.00	34.65 2.18 0.00	34.94 2.13 0.00	34.99 1.98 0.00	35.22 1.99 0.00	35.77 2.02 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.38 1.75 0.00	30.45 1.31 0.00
RAVENSWOOD_GT3_4 24251	32.50 1.21 -12.99	29.25 1.23 -9.06	28.05 1.26 -7.12	27.58 1.50 -0.58	28.70 1.57 0.00	31.24 1.60 0.00	38.28 2.60 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.29 2.44 0.00	34.86 2.25 0.00	34.65 2.18 0.00	34.94 2.13 0.00	34.99 1.98 0.00	35.22 1.99 0.00	35.77 2.02 0.00	38.43 2.91 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.34 2.01 0.00	31.54 1.79 0.00	30.38 1.75 0.00	30.45 1.31 0.00

RAVENSWOOD_GT_1 23729	32.56 1.26 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.24 1.60 0.00	38.28 2.60 0.00	42.29 3.00 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.92 2.32 0.00	34.75 2.27 0.00	35.04 2.23 0.00	35.09 2.08 0.00	35.28 2.06 0.00	35.77 2.02 0.00	38.54 3.02 0.00	42.67 3.05 0.00	37.57 2.82 0.00	35.14 2.08 0.00	33.41 2.07 0.00	31.57 1.81 0.00	30.44 1.80 0.00	30.54 1.40 0.00
RAVENSWOOD_GT_10 24258	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD_GT_11 24259	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD_GT_4 24252	32.47 1.17 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.55 1.48 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.28 2.60 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.39 1.25 0.00
RAVENSWOOD_GT_5 24254	32.47 1.17 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.55 1.48 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.28 2.60 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.39 1.25 0.00
RAVENSWOOD_GT_6 24253	32.47 1.17 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.55 1.48 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.28 2.60 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.39 1.25 0.00
RAVENSWOOD_GT_7 24255	32.47 1.17 -12.99	29.24 1.21 -9.06	28.01 1.22 -7.12	27.55 1.48 -0.58	28.64 1.52 0.00	31.21 1.57 0.00	38.28 2.60 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.36 2.84 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.39 1.25 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD_GT_9 24257	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.59 2.11 0.00	34.88 2.07 0.00	34.92 1.91 0.00	35.15 1.93 0.00	35.71 1.96 0.00	38.40 2.88 0.00	42.51 2.89 0.00	37.43 2.68 0.00	35.05 1.98 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD___1 23533	32.56 1.26 -12.99	29.29 1.27 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.72 1.60 0.00	31.24 1.60 0.00	38.24 2.57 0.00	42.26 2.97 -2.23	37.11 2.90 -0.03	36.36 2.50 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.06 2.05 0.00	35.25 2.03 0.00	35.74 1.99 0.00	38.43 2.91 0.00	42.67 3.05 0.00	37.57 2.81 0.00	35.15 2.08 0.00	33.37 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.51 1.37 0.00
RAVENSWOOD___2 23534	32.56 1.26 -12.99	29.29 1.27 -9.06	28.09 1.30 -7.12	27.60 1.53 -0.58	28.72 1.60 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.26 2.97 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.06 2.05 0.00	35.25 2.03 0.00	35.71 1.96 0.00	38.43 2.91 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.37 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.51 1.37 0.00
RAVENSWOOD___3 23535	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.22 2.93 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.88 2.07 0.00	34.95 1.95 0.00	35.15 1.93 0.00	35.67 1.92 0.00	38.32 2.81 0.00	42.55 2.93 0.00	37.47 2.71 0.00	35.05 1.98 0.00	33.31 1.98 0.00	31.51 1.75 0.00	30.32 1.69 0.00	30.42 1.28 0.00
RAVENSWOOD___4 23820	32.54 1.25 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.60 1.53 -0.58	28.72 1.60 0.00	31.21 1.57 0.00	38.21 2.53 0.00	42.26 2.97 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.06 2.05 0.00	35.25 2.03 0.00	35.71 1.96 0.00	38.43 2.91 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.37 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.48 1.34 0.00
RCPI_TRUST___DRP 24196	32.46 1.17 -12.99	29.23 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.31 2.64 0.00	42.25 2.96 -2.23	37.04 2.84 -0.03	36.29 2.44 0.00	34.82 2.22 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.18 1.96 0.00	35.74 1.99 0.00	38.40 2.88 0.00	42.55 2.93 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.54 1.79 0.00	30.35 1.72 0.00	30.42 1.28 0.00
RED___ROCHESTER 323720	20.68 -0.31 -2.69	20.57 -0.27 -1.87	20.81 -0.33 -1.47	25.02 -0.59 -0.12	26.61 -0.52 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.30 -0.22 -0.46	33.63 -0.55 -0.01	33.17 -0.68 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.35 -0.46 0.00	32.71 -0.30 0.00	32.83 -0.40 0.00	33.38 -0.37 0.00	35.16 -0.36 0.00	39.62 0.00 0.00	34.59 -0.17 0.00	32.70 -0.36 0.00	30.81 -0.53 0.00	29.19 -0.57 0.00	28.09 -0.54 0.00	29.02 -0.12 0.00

REGAN___SOLAR 323812	38.52 1.59 -18.62	33.45 1.50 -12.98	31.41 1.54 -10.20	28.39 2.06 -0.84	29.43 2.30 0.00	32.31 2.67 0.00	39.88 4.21 0.00	44.48 4.22 -3.20	37.88 3.66 -0.04	37.07 3.22 0.00	35.87 3.26 0.00	35.79 3.31 0.00	35.93 3.12 0.00	36.31 3.30 0.00	36.65 3.42 0.00	37.60 3.85 0.00	39.89 4.37 0.00	44.49 4.87 0.00	38.44 3.68 0.00	36.34 3.27 0.00	34.41 3.07 0.00	32.61 2.86 0.00	31.21 2.58 0.00	31.35 2.21 0.00
RENSSELAER___COGEN 23796	34.92 0.46 -16.16	30.76 0.53 -11.27	29.14 0.61 -8.86	27.08 0.87 -0.73	28.02 0.89 0.00	30.47 0.83 0.00	36.81 1.14 0.00	41.13 1.30 -2.78	35.44 1.23 -0.04	34.70 0.85 0.00	33.29 0.69 0.00	33.09 0.62 0.00	33.37 0.56 0.00	33.50 0.50 0.00	33.82 0.60 0.00	34.46 0.71 0.00	36.80 1.28 0.00	40.93 1.31 0.00	35.87 1.11 0.00	33.72 0.66 0.00	31.96 0.63 0.00	30.38 0.63 0.00	29.26 0.63 0.00	29.40 0.26 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.43 1.50 -16.62	31.98 1.42 -11.59	30.23 1.46 -9.11	28.17 1.94 -0.75	29.27 2.14 0.00	32.04 2.40 0.00	39.35 3.67 0.00	43.69 3.78 -2.85	37.67 3.45 -0.04	36.83 2.98 0.00	35.48 2.87 0.00	35.66 3.18 0.00	35.86 3.05 0.00	36.11 3.10 0.00	36.38 3.16 0.00	37.02 3.27 0.00	39.28 3.77 0.00	43.74 4.12 0.00	37.96 3.20 0.00	36.47 3.41 0.00	34.50 3.17 0.00	32.73 2.98 0.00	31.35 2.72 0.00	31.47 2.33 0.00
REVERE_CPPR_DRP 24186	19.99 0.49 -1.19	20.27 0.47 -0.83	20.84 0.51 -0.65	26.23 0.69 -0.05	27.88 0.76 0.00	30.68 1.04 0.00	37.39 1.71 0.00	39.04 1.78 -0.20	35.78 1.61 0.00	35.34 1.49 0.00	34.01 1.40 0.00	33.94 1.46 0.00	34.38 1.57 0.00	34.63 1.62 0.00	34.85 1.63 0.00	35.47 1.72 0.00	37.33 1.81 0.00	41.72 2.10 0.00	36.36 1.60 0.00	34.35 1.29 0.00	32.50 1.16 0.00	30.76 1.01 0.00	29.55 0.92 0.00	30.04 0.90 0.00
REYNOLDS_115KV_TB3 80639	35.10 0.62 -16.17	30.92 0.68 -11.27	29.26 0.73 -8.86	27.21 0.99 -0.73	28.18 1.06 0.00	30.68 1.04 0.00	37.10 1.43 0.00	41.47 1.63 -2.78	35.72 1.50 -0.04	34.97 1.12 0.00	33.52 0.91 0.00	33.32 0.84 0.00	33.60 0.79 0.00	33.73 0.73 0.00	34.05 0.83 0.00	34.73 0.98 0.00	37.12 1.60 0.00	41.25 1.62 0.00	36.15 1.39 0.00	33.99 0.93 0.00	32.22 0.88 0.00	30.59 0.83 0.00	29.46 0.83 0.00	29.66 0.52 0.00
RIVERBAY____ 323610	32.85 1.56 -12.99	29.60 1.57 -9.06	28.38 1.59 -7.12	27.98 1.91 -0.58	29.13 2.01 0.00	31.51 1.87 0.00	38.53 2.85 0.00	42.55 3.26 -2.23	37.35 3.14 -0.03	36.59 2.74 0.00	35.12 2.51 0.00	34.95 2.47 0.00	35.27 2.46 0.00	35.29 2.28 0.00	35.48 2.26 0.00	35.98 2.23 0.00	38.75 3.23 0.00	42.91 3.29 0.00	37.78 3.02 0.00	35.34 2.28 0.00	33.56 2.23 0.00	31.72 1.96 0.00	30.75 2.12 0.00	30.92 1.78 0.00
RIVERSDE_115KV_TB3 55908	35.07 0.55 -16.21	30.88 0.61 -11.30	29.24 0.69 -8.88	27.16 0.94 -0.73	28.13 1.00 0.00	30.59 0.95 0.00	36.96 1.28 0.00	41.33 1.48 -2.78	35.62 1.40 -0.04	34.87 1.02 0.00	33.42 0.82 0.00	33.26 0.78 0.00	33.53 0.72 0.00	33.67 0.66 0.00	33.99 0.76 0.00	34.63 0.88 0.00	37.01 1.49 0.00	41.13 1.51 0.00	36.04 1.29 0.00	33.89 0.83 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.41 0.77 0.00	29.55 0.41 0.00
ROARING___BROOK_WT_PWR 323790	17.63 -0.68 0.00	18.26 -0.70 0.00	18.96 -0.71 0.00	24.67 -0.82 0.00	26.28 -0.84 0.00	28.81 -0.83 0.00	34.60 -1.07 0.00	36.10 -0.96 0.00	33.42 -0.75 0.00	33.24 -0.61 0.00	32.15 -0.46 0.00	32.15 -0.32 0.00	32.55 -0.26 0.00	32.74 -0.27 0.00	32.92 -0.30 0.00	33.41 -0.34 0.00	35.09 -0.42 0.00	39.15 -0.47 0.00	34.31 -0.45 0.00	32.80 -0.27 0.00	31.09 -0.25 0.00	29.55 -0.21 0.00	28.46 -0.17 0.00	28.99 -0.14 0.00
ROCHESRG_115KV_T4 355643	20.52 -0.46 -2.68	20.41 -0.42 -1.87	20.65 -0.49 -1.47	24.82 -0.79 -0.12	26.36 -0.76 0.00	29.08 -0.56 0.00	35.35 -0.32 0.00	36.85 -0.67 -0.46	33.26 -0.92 -0.01	32.77 -1.08 0.00	31.63 -0.98 0.00	31.50 -0.97 0.00	31.89 -0.92 0.00	32.25 -0.76 0.00	32.36 -0.86 0.00	32.97 -0.78 0.00	34.70 -0.82 0.00	39.03 -0.59 0.00	34.06 -0.70 0.00	32.24 -0.83 0.00	30.40 -0.94 0.00	28.80 -0.95 0.00	27.72 -0.92 0.00	28.67 -0.47 0.00
ROCHESTER_9_IC 23652	20.62 -0.37 -2.68	20.50 -0.34 -1.87	20.75 -0.39 -1.47	24.92 -0.69 -0.12	26.50 -0.62 0.00	29.25 -0.39 0.00	35.60 -0.07 0.00	37.11 -0.41 -0.46	33.50 -0.68 -0.01	33.00 -0.85 0.00	31.86 -0.75 0.00	31.73 -0.75 0.00	32.12 -0.69 0.00	32.48 -0.53 0.00	32.59 -0.63 0.00	33.21 -0.54 0.00	34.95 -0.57 0.00	39.34 -0.28 0.00	34.34 -0.42 0.00	32.47 -0.60 0.00	30.65 -0.69 0.00	29.01 -0.74 0.00	27.92 -0.72 0.00	28.85 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	32.48 1.19 -12.99	29.24 1.21 -9.06	28.03 1.24 -7.12	27.58 1.50 -0.58	28.67 1.55 0.00	31.27 1.63 0.00	38.35 2.68 0.00	42.29 3.00 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.86 2.25 0.00	34.69 2.21 0.00	34.94 2.13 0.00	35.02 2.01 0.00	35.28 2.06 0.00	35.84 2.09 0.00	38.47 2.95 0.00	42.59 2.97 0.00	37.50 2.75 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.57 1.81 0.00	30.32 1.69 0.00	30.42 1.28 0.00
ROME____115KV_TB2 80656	19.99 0.49 -1.19	20.27 0.47 -0.83	20.84 0.51 -0.65	26.23 0.69 -0.05	27.88 0.76 0.00	30.68 1.04 0.00	37.39 1.71 0.00	39.04 1.78 -0.20	35.78 1.61 0.00	35.34 1.49 0.00	34.01 1.40 0.00	33.94 1.46 0.00	34.38 1.57 0.00	34.63 1.62 0.00	34.85 1.63 0.00	35.47 1.72 0.00	37.33 1.81 0.00	41.72 2.10 0.00	36.36 1.60 0.00	34.35 1.29 0.00	32.50 1.16 0.00	30.76 1.01 0.00	29.55 0.92 0.00	30.04 0.90 0.00
ROSETON___1 23587	32.13 0.97 -12.85	28.93 1.00 -8.96	27.74 1.02 -7.04	27.29 1.22 -0.58	28.42 1.30 0.00	30.97 1.34 0.00	37.81 2.14 0.00	41.71 2.45 -2.21	36.53 2.33 -0.03	35.75 1.89 0.00	34.30 1.69 0.00	34.04 1.56 0.00	34.32 1.51 0.00	34.36 1.35 0.00	34.62 1.40 0.00	35.20 1.45 0.00	37.72 2.20 0.00	41.92 2.30 0.00	36.84 2.09 0.00	34.55 1.49 0.00	32.81 1.47 0.00	31.09 1.34 0.00	29.89 1.26 0.00	30.10 0.96 0.00
ROSETON___2 23588	32.13 0.97 -12.85	28.93 1.00 -8.96	27.74 1.02 -7.04	27.29 1.22 -0.58	28.42 1.30 0.00	30.97 1.34 0.00	37.81 2.14 0.00	41.71 2.45 -2.21	36.53 2.33 -0.03	35.75 1.89 0.00	34.30 1.69 0.00	34.04 1.56 0.00	34.32 1.51 0.00	34.36 1.35 0.00	34.62 1.40 0.00	35.20 1.45 0.00	37.72 2.20 0.00	41.92 2.30 0.00	36.84 2.09 0.00	34.55 1.49 0.00	32.81 1.47 0.00	31.09 1.34 0.00	29.89 1.26 0.00	30.10 0.96 0.00
ROTTDRAM_115KV_TB3 80664	35.84 0.73 -16.80	31.42 0.74 -11.72	29.65 0.77 -9.21	27.21 0.97 -0.76	28.15 1.03 0.00	30.74 1.10 0.00	37.31 1.64 0.00	41.72 1.78 -2.89	35.86 1.64 -0.04	35.17 1.32 0.00	33.78 1.17 0.00	33.61 1.14 0.00	33.92 1.12 0.00	34.06 1.06 0.00	34.35 1.13 0.00	35.00 1.25 0.00	37.26 1.74 0.00	41.48 1.86 0.00	36.32 1.56 0.00	34.32 1.26 0.00	32.53 1.19 0.00	30.85 1.10 0.00	29.66 1.03 0.00	29.95 0.82 0.00

RUSSELL___1 23602	20.68 -0.31 -2.69	20.57 -0.27 -1.87	20.81 -0.33 -1.47	25.02 -0.59 -0.12	26.61 -0.52 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.30 -0.22 -0.46	33.67 -0.51 -0.01	33.17 -0.68 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.71 -0.30 0.00	32.82 -0.40 0.00	33.45 -0.30 0.00	35.20 -0.32 0.00	39.62 0.00 0.00	34.58 -0.17 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.19 -0.57 0.00	28.06 -0.57 0.00	28.99 -0.15 0.00
RUSSELL___2 23532	20.68 -0.31 -2.69	20.57 -0.27 -1.87	20.81 -0.33 -1.47	25.02 -0.59 -0.12	26.61 -0.52 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.30 -0.22 -0.46	33.67 -0.51 -0.01	33.17 -0.68 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.71 -0.30 0.00	32.82 -0.40 0.00	33.45 -0.30 0.00	35.20 -0.32 0.00	39.62 0.00 0.00	34.58 -0.17 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.19 -0.57 0.00	28.06 -0.57 0.00	28.99 -0.15 0.00
RUSSELL___3 23549	20.68 -0.31 -2.69	20.57 -0.27 -1.87	20.81 -0.33 -1.47	25.02 -0.59 -0.12	26.61 -0.52 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.30 -0.22 -0.46	33.67 -0.51 -0.01	33.17 -0.68 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.71 -0.30 0.00	32.82 -0.40 0.00	33.45 -0.30 0.00	35.20 -0.32 0.00	39.62 0.00 0.00	34.58 -0.17 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.19 -0.57 0.00	28.06 -0.57 0.00	28.99 -0.15 0.00
RUSSELL___4 23556	20.68 -0.31 -2.69	20.57 -0.27 -1.87	20.81 -0.33 -1.47	25.02 -0.59 -0.12	26.61 -0.52 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.30 -0.22 -0.46	33.67 -0.51 -0.01	33.17 -0.68 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.71 -0.30 0.00	32.82 -0.40 0.00	33.45 -0.30 0.00	35.20 -0.32 0.00	39.62 0.00 0.00	34.58 -0.17 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.19 -0.57 0.00	28.06 -0.57 0.00	28.99 -0.15 0.00
RUSSELL___STATION 23914	20.68 -0.31 -2.69	20.57 -0.27 -1.87	20.81 -0.33 -1.47	25.02 -0.59 -0.12	26.61 -0.52 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.30 -0.22 -0.46	33.67 -0.51 -0.01	33.17 -0.68 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.71 -0.30 0.00	32.82 -0.40 0.00	33.45 -0.30 0.00	35.20 -0.32 0.00	39.62 0.00 0.00	34.58 -0.17 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.19 -0.57 0.00	28.06 -0.57 0.00	28.99 -0.15 0.00
S SALMON___HYD 24043	19.81 -0.37 -1.87	19.87 -0.40 -1.31	20.28 -0.41 -1.03	25.04 -0.54 -0.08	26.55 -0.57 0.00	29.08 -0.56 0.00	35.39 -0.29 0.00	36.98 -0.41 -0.32	33.70 -0.48 0.00	33.28 -0.58 0.00	32.08 -0.52 0.00	31.96 -0.52 0.00	32.35 -0.46 0.00	32.58 -0.43 0.00	32.79 -0.43 0.00	33.35 -0.40 0.00	35.20 -0.32 0.00	39.39 -0.24 0.00	34.34 -0.42 0.00	32.50 -0.56 0.00	30.71 -0.63 0.00	29.13 -0.63 0.00	27.97 -0.66 0.00	28.58 -0.55 0.00
S.PERRY___115KV_TB1 80734	21.54 -0.04 -3.27	21.28 0.04 -2.28	21.46 0.00 -1.79	25.53 -0.10 -0.15	27.45 0.33 0.00	30.41 0.77 0.00	37.24 1.57 0.00	38.77 1.15 -0.56	35.21 1.03 -0.01	34.60 0.74 0.00	33.36 0.75 0.00	33.19 0.71 0.00	33.69 0.89 0.00	34.13 1.12 0.00	34.25 1.03 0.00	34.93 1.18 0.00	36.90 1.39 0.00	41.72 2.10 0.00	36.32 1.56 0.00	34.28 1.22 0.00	32.31 0.97 0.00	30.56 0.80 0.00	29.29 0.66 0.00	30.22 1.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.40 -0.97 -3.07	20.19 -0.91 -2.14	20.39 -0.96 -1.68	24.10 -1.53 -0.14	26.12 -1.00 0.00	28.90 -0.74 0.00	35.14 -0.54 0.00	35.66 -1.93 -0.53	32.61 -1.57 -0.01	32.09 -1.76 0.00	31.07 -1.53 0.00	30.98 -1.49 0.00	31.33 -1.48 0.00	31.75 -1.25 0.00	31.76 -1.46 0.00	32.50 -1.25 0.00	34.06 -1.46 0.00	38.55 -1.07 0.00	33.61 -1.15 0.00	31.74 -1.32 0.00	29.93 -1.41 0.00	28.38 -1.37 0.00	27.34 -1.29 0.00	28.50 -0.64 0.00
SAWYER___23_KV_LOAD 55526	20.40 -0.97 -3.07	20.19 -0.91 -2.14	20.39 -0.96 -1.68	24.10 -1.53 -0.14	26.12 -1.00 0.00	28.90 -0.74 0.00	35.14 -0.54 0.00	35.66 -1.93 -0.53	32.61 -1.57 -0.01	32.09 -1.76 0.00	31.07 -1.53 0.00	30.98 -1.49 0.00	31.33 -1.48 0.00	31.75 -1.25 0.00	31.76 -1.46 0.00	32.50 -1.25 0.00	34.06 -1.46 0.00	38.55 -1.07 0.00	33.61 -1.15 0.00	31.74 -1.32 0.00	29.93 -1.41 0.00	28.38 -1.37 0.00	27.34 -1.29 0.00	28.50 -0.64 0.00
SELKIRK___I 23801	34.93 0.68 -15.95	30.81 0.72 -11.12	29.20 0.79 -8.74	27.28 1.07 -0.72	28.26 1.14 0.00	30.77 1.13 0.00	37.21 1.53 0.00	41.43 1.63 -2.74	35.72 1.50 -0.04	35.00 1.15 0.00	33.58 0.98 0.00	33.42 0.94 0.00	33.69 0.89 0.00	33.86 0.86 0.00	34.19 0.96 0.00	34.80 1.05 0.00	37.12 1.60 0.00	41.32 1.70 0.00	36.18 1.43 0.00	34.05 0.99 0.00	32.31 0.97 0.00	30.68 0.92 0.00	29.55 0.92 0.00	29.78 0.64 0.00
SELKIRK___II 23799	34.98 0.55 -16.12	30.81 0.61 -11.24	29.18 0.67 -8.84	27.11 0.89 -0.73	28.07 0.95 0.00	30.56 0.92 0.00	36.96 1.28 0.00	41.24 1.41 -2.77	35.55 1.33 -0.04	34.83 0.98 0.00	33.42 0.82 0.00	33.26 0.78 0.00	33.50 0.69 0.00	33.67 0.66 0.00	33.99 0.76 0.00	34.59 0.84 0.00	36.90 1.38 0.00	41.09 1.47 0.00	36.01 1.25 0.00	33.85 0.79 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.38 0.74 0.00	29.58 0.44 0.00
SENECA OSWGO___HYD 24041	20.15 -0.26 -2.10	20.17 -0.27 -1.47	20.55 -0.28 -1.15	25.17 -0.41 -0.09	26.69 -0.44 0.00	29.16 -0.48 0.00	35.35 -0.32 0.00	36.98 -0.44 -0.36	33.67 -0.51 -0.01	33.21 -0.64 0.00	32.02 -0.59 0.00	31.89 -0.58 0.00	32.25 -0.56 0.00	32.48 -0.53 0.00	32.66 -0.56 0.00	33.18 -0.57 0.00	35.09 -0.42 0.00	39.26 -0.36 0.00	34.34 -0.42 0.00	32.53 -0.53 0.00	30.74 -0.60 0.00	29.16 -0.59 0.00	28.00 -0.63 0.00	28.70 -0.44 0.00
SENECA___115KV_TB3 355854	20.54 -0.90 -3.13	20.32 -0.83 -2.18	20.50 -0.89 -1.72	24.23 -1.40 -0.14	26.50 -0.62 0.00	29.34 -0.30 0.00	35.74 0.07 0.00	36.04 -1.56 -0.54	33.26 -0.92 -0.01	32.73 -1.12 0.00	31.66 -0.95 0.00	31.57 -0.91 0.00	31.96 -0.85 0.00	32.38 -0.63 0.00	32.36 -0.86 0.00	33.14 -0.61 0.00	34.74 -0.78 0.00	39.38 -0.24 0.00	34.27 -0.49 0.00	32.37 -0.69 0.00	30.49 -0.85 0.00	28.95 -0.80 0.00	27.86 -0.77 0.00	28.96 -0.17 0.00
SENECA___ENERGY 23797	20.80 -0.24 -2.74	20.65 -0.23 -1.91	20.94 -0.24 -1.50	25.23 -0.38 -0.12	26.85 -0.27 0.00	29.52 -0.12 0.00	35.96 0.28 0.00	37.60 0.07 -0.47	34.15 -0.03 -0.01	33.65 -0.20 0.00	32.41 -0.19 0.00	32.28 -0.19 0.00	32.68 -0.13 0.00	32.94 -0.07 0.00	33.09 -0.13 0.00	33.65 -0.10 0.00	35.59 0.07 0.00	39.90 0.28 0.00	34.90 0.14 0.00	33.03 -0.03 0.00	31.15 -0.19 0.00	29.55 -0.21 0.00	28.35 -0.29 0.00	29.08 -0.06 0.00
SHOEMAKER___GT 23640	31.04 0.84 -11.89	28.13 0.87 -8.29	27.07 0.89 -6.52	27.07 1.05 -0.54	28.24 1.11 0.00	30.74 1.10 0.00	37.49 1.82 0.00	41.14 2.04 -2.04	36.15 1.95 -0.03	35.41 1.56 0.00	33.98 1.37 0.00	33.78 1.30 0.00	34.02 1.21 0.00	34.13 1.12 0.00	34.39 1.16 0.00	34.96 1.21 0.00	37.40 1.88 0.00	41.60 1.98 0.00	36.56 1.81 0.00	34.32 1.26 0.00	32.59 1.25 0.00	30.88 1.13 0.00	29.69 1.06 0.00	29.93 0.79 0.00

SHOEMAKR_138KV_BK 111 55601	30.96 0.84 -11.82	28.06 0.85 -8.24	27.01 0.87 -6.47	27.06 1.04 -0.53	28.21 1.08 0.00	30.74 1.10 0.00	37.53 1.86 0.00	41.13 2.04 -2.03	36.15 1.95 -0.03	35.41 1.56 0.00	34.01 1.40 0.00	33.78 1.30 0.00	34.06 1.25 0.00	34.13 1.12 0.00	34.39 1.16 0.00	35.03 1.28 0.00	37.44 1.92 0.00	41.60 1.98 0.00	36.57 1.81 0.00	34.32 1.26 0.00	32.59 1.25 0.00	30.88 1.13 0.00	29.69 1.06 0.00	29.93 0.79 0.00
SHOREHAM_IC_1 23715	35.34 2.27 -14.77	32.18 2.24 -10.97	30.82 2.28 -8.87	31.10 2.68 -2.94	31.98 2.87 -1.99	34.79 3.29 -1.86	42.13 4.92 -1.53	47.89 5.37 -5.46	40.69 4.99 -1.53	39.69 4.33 -1.51	40.24 4.01 -3.62	42.18 3.83 -5.87	40.58 3.87 -3.90	42.84 3.73 -6.11	39.98 3.82 -2.94	43.77 3.95 -6.08	47.53 4.83 -7.18	56.92 4.99 -12.30	51.08 4.59 -11.73	46.12 4.00 -9.06	42.95 3.89 -7.72	38.33 3.48 -5.09	33.51 3.32 -1.56	33.42 2.83 -1.46
SHOREHAM_IC_2 23716	35.34 2.27 -14.77	32.18 2.24 -10.97	30.82 2.28 -8.87	31.10 2.68 -2.94	31.98 2.87 -1.99	34.79 3.29 -1.86	42.13 4.92 -1.53	47.89 5.37 -5.46	40.69 4.99 -1.53	39.69 4.33 -1.51	40.24 4.01 -3.62	42.18 3.83 -5.87	40.58 3.87 -3.90	42.84 3.73 -6.11	39.98 3.82 -2.94	43.77 3.95 -6.08	47.53 4.83 -7.18	56.92 4.99 -12.30	51.08 4.59 -11.73	46.12 4.00 -9.06	42.95 3.89 -7.72	38.33 3.48 -5.09	33.51 3.32 -1.56	33.42 2.83 -1.46
SISSONVILLE____ 23735	21.93 -0.49 -4.12	21.39 -0.55 -2.98	19.32 -0.55 -0.20	24.97 -0.54 -0.02	26.61 -0.52 0.00	29.22 -0.41 0.00	35.03 -0.64 0.00	36.68 -0.44 -0.06	34.01 -0.17 0.00	34.46 0.61 0.00	33.45 0.85 0.00	33.74 1.27 0.00	34.38 1.57 0.00	35.05 2.05 0.00	35.05 1.83 0.00	35.24 1.49 0.00	35.98 0.46 0.00	40.41 0.79 0.00	33.99 -0.76 0.00	32.66 -0.40 0.00	31.02 -0.31 0.00	29.78 0.03 0.00	28.72 0.09 0.00	29.43 0.29 0.00
SITHE_IND_GS1 24169	19.66 -0.46 -1.81	19.75 -0.47 -1.26	20.17 -0.49 -0.99	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.29 -1.08 -0.31	33.05 -1.13 0.00	32.63 -1.22 0.00	31.43 -1.17 0.00	31.31 -1.17 0.00	31.66 -1.15 0.00	31.85 -1.16 0.00	32.06 -1.16 0.00	32.57 -1.18 0.00	34.38 -1.14 0.00	38.43 -1.19 0.00	33.64 -1.11 0.00	31.90 -1.16 0.00	30.21 -1.13 0.00	28.65 -1.10 0.00	27.57 -1.06 0.00	28.29 -0.85 0.00
SITHE_IND_GS2 24170	19.66 -0.46 -1.81	19.75 -0.47 -1.26	20.17 -0.49 -0.99	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.29 -1.08 -0.31	33.05 -1.13 0.00	32.63 -1.22 0.00	31.43 -1.17 0.00	31.31 -1.17 0.00	31.66 -1.15 0.00	31.85 -1.16 0.00	32.06 -1.16 0.00	32.57 -1.18 0.00	34.38 -1.14 0.00	38.43 -1.19 0.00	33.64 -1.11 0.00	31.90 -1.16 0.00	30.21 -1.13 0.00	28.65 -1.10 0.00	27.57 -1.06 0.00	28.29 -0.85 0.00
SITHE_IND_GS3 24171	19.66 -0.46 -1.81	19.75 -0.47 -1.26	20.17 -0.49 -0.99	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.29 -1.08 -0.31	33.05 -1.13 0.00	32.63 -1.22 0.00	31.43 -1.17 0.00	31.31 -1.17 0.00	31.66 -1.15 0.00	31.85 -1.16 0.00	32.06 -1.16 0.00	32.57 -1.18 0.00	34.38 -1.14 0.00	38.43 -1.19 0.00	33.64 -1.11 0.00	31.90 -1.16 0.00	30.21 -1.13 0.00	28.65 -1.10 0.00	27.57 -1.06 0.00	28.29 -0.85 0.00
SITHE_IND_GS4 24172	19.66 -0.46 -1.81	19.75 -0.47 -1.26	20.17 -0.49 -0.99	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.29 -1.08 -0.31	33.05 -1.13 0.00	32.63 -1.22 0.00	31.43 -1.17 0.00	31.31 -1.17 0.00	31.66 -1.15 0.00	31.85 -1.16 0.00	32.06 -1.16 0.00	32.57 -1.18 0.00	34.38 -1.14 0.00	38.43 -1.19 0.00	33.64 -1.11 0.00	31.90 -1.16 0.00	30.21 -1.13 0.00	28.65 -1.10 0.00	27.57 -1.06 0.00	28.29 -0.85 0.00
SITHE____BATAVIA 24024	20.71 -0.48 -2.88	20.56 -0.42 -2.01	20.76 -0.49 -1.58	24.75 -0.87 -0.13	26.66 -0.46 0.00	29.55 -0.09 0.00	36.07 0.39 0.00	37.11 -0.44 -0.49	33.70 -0.48 -0.01	33.17 -0.68 0.00	32.08 -0.52 0.00	31.96 -0.52 0.00	32.42 -0.39 0.00	32.81 -0.20 0.00	32.89 -0.33 0.00	33.52 -0.23 0.00	35.20 -0.32 0.00	39.86 0.24 0.00	34.69 -0.07 0.00	32.80 -0.27 0.00	30.81 -0.53 0.00	29.25 -0.51 0.00	28.12 -0.51 0.00	29.23 0.09 0.00
SITHE____INDEPEND 23800	19.66 -0.46 -1.81	19.75 -0.47 -1.26	20.17 -0.49 -0.99	24.88 -0.69 -0.08	26.36 -0.76 0.00	28.78 -0.86 0.00	34.82 -0.86 0.00	36.30 -1.07 -0.31	33.05 -1.13 0.00	32.63 -1.22 0.00	31.43 -1.17 0.00	31.31 -1.17 0.00	31.66 -1.15 0.00	31.85 -1.16 0.00	32.06 -1.16 0.00	32.57 -1.18 0.00	34.38 -1.14 0.00	38.43 -1.19 0.00	33.65 -1.11 0.00	31.90 -1.16 0.00	30.21 -1.13 0.00	28.65 -1.10 0.00	27.57 -1.06 0.00	28.26 -0.87 0.00
SITHE____MASSENA 23902	18.84 -0.17 -0.69	19.28 -0.19 -0.50	19.49 -0.18 0.00	25.36 -0.13 0.00	27.04 -0.08 0.00	29.64 0.00 0.00	35.14 -0.53 0.00	36.73 -0.33 0.00	33.94 -0.24 0.00	34.06 0.20 0.00	32.90 0.29 0.00	32.90 0.42 0.00	33.33 0.52 0.00	33.67 0.66 0.00	33.82 0.60 0.00	34.39 0.64 0.00	35.55 0.04 0.00	39.58 -0.04 0.00	34.48 -0.28 0.00	33.13 0.07 0.00	31.46 0.13 0.00	30.11 0.36 0.00	28.95 0.32 0.00	29.55 0.41 0.00
SITHE____OGDNSBRG 24021	21.11 -0.05 -2.86	20.91 -0.11 -2.06	19.73 -0.10 -0.16	25.55 0.05 -0.01	27.23 0.11 0.00	29.94 0.30 0.00	35.67 0.00 0.00	37.33 0.22 -0.05	34.52 0.34 0.00	34.80 0.95 0.00	33.72 1.11 0.00	33.81 1.33 0.00	34.35 1.54 0.00	34.82 1.82 0.00	34.95 1.73 0.00	35.24 1.49 0.00	36.16 0.64 0.00	40.53 0.91 0.00	34.83 0.07 0.00	33.49 0.43 0.00	31.75 0.41 0.00	30.44 0.68 0.00	29.26 0.63 0.00	29.87 0.73 0.00
SITHE____STERLING 23777	20.08 0.40 -1.37	20.32 0.40 -0.96	20.84 0.41 -0.75	26.11 0.56 -0.06	27.75 0.62 0.00	30.50 0.86 0.00	37.14 1.46 0.00	38.78 1.48 -0.24	35.48 1.30 0.00	35.04 1.18 0.00	33.72 1.11 0.00	33.61 1.14 0.00	34.06 1.25 0.00	34.26 1.25 0.00	34.49 1.26 0.00	35.10 1.35 0.00	36.98 1.46 0.00	41.29 1.66 0.00	36.04 1.29 0.00	34.09 1.03 0.00	32.21 0.88 0.00	30.53 0.77 0.00	29.32 0.69 0.00	29.87 0.73 0.00
SLEIGHT__34_KV_TB1 80719	20.59 -0.37 -2.65	20.45 -0.36 -1.85	20.71 -0.41 -1.45	24.97 -0.64 -0.12	26.50 -0.62 0.00	29.20 -0.44 0.00	35.57 -0.11 0.00	37.29 -0.22 -0.45	33.67 -0.51 -0.01	33.21 -0.64 0.00	32.02 -0.59 0.00	31.93 -0.55 0.00	32.28 -0.52 0.00	32.61 -0.40 0.00	32.76 -0.47 0.00	33.31 -0.44 0.00	35.16 -0.36 0.00	39.46 -0.16 0.00	34.45 -0.31 0.00	32.60 -0.46 0.00	30.74 -0.60 0.00	29.13 -0.62 0.00	27.94 -0.69 0.00	28.76 -0.38 0.00
SOUTH CAIRO____GT 23612	34.52 0.86 -15.36	30.66 0.99 -10.71	29.15 1.06 -8.41	27.66 1.48 -0.69	29.05 1.93 0.00	31.42 1.78 0.00	38.06 2.39 0.00	41.88 2.19 -2.64	36.54 2.33 -0.04	35.51 1.66 0.00	34.14 1.53 0.00	33.94 1.46 0.00	34.09 1.28 0.00	34.33 1.32 0.00	34.79 1.56 0.00	35.54 1.79 0.00	38.08 2.56 0.00	42.48 2.85 0.00	37.05 2.29 0.00	34.85 1.78 0.00	33.00 1.66 0.00	31.33 1.58 0.00	30.06 1.43 0.00	30.27 1.14 0.00

SOUTH HAMPTN___IC 23720	35.53 2.49 -14.74	32.36 2.45 -10.94	31.01 2.50 -8.84	31.32 2.93 -2.90	32.25 3.17 -1.95	35.08 3.61 -1.83	42.57 5.39 -1.51	48.32 5.85 -5.41	41.11 5.43 -1.51	40.07 4.74 -1.48	40.60 4.43 -3.56	42.51 4.25 -5.78	40.91 4.26 -3.84	43.18 4.16 -6.01	40.37 4.25 -2.89	44.12 4.39 -5.98	47.88 5.29 -7.07	57.28 5.55 -12.11	51.38 5.07 -11.55	46.41 4.43 -8.92	43.23 4.29 -7.60	38.63 3.87 -5.02	33.83 3.67 -1.53	33.72 3.15 -1.43
SOUTHDOW_115KV_TB1 355954	20.84 -0.79 -3.32	20.56 -0.72 -2.32	20.78 -0.71 -1.82	24.52 -1.12 -0.15	27.07 -0.05 0.00	29.97 0.33 0.00	36.82 1.14 0.00	36.85 -0.78 -0.57	34.42 0.24 -0.01	33.82 -0.03 0.00	32.74 0.13 0.00	32.67 0.19 0.00	33.10 0.30 0.00	33.54 0.53 0.00	33.56 0.33 0.00	34.36 0.61 0.00	36.09 0.57 0.00	40.81 1.19 0.00	35.42 0.66 0.00	33.43 0.36 0.00	31.46 0.13 0.00	29.87 0.12 0.00	28.72 0.09 0.00	29.69 0.55 0.00
SOUTHOLD_69_KV_BK 2 55809	35.85 2.80 -14.74	32.66 2.75 -10.95	31.33 2.81 -8.84	31.78 3.39 -2.91	32.66 3.58 -1.96	35.59 4.12 -1.83	43.21 6.03 -1.51	48.92 6.45 -5.41	41.63 5.95 -1.51	40.72 5.38 -1.49	41.23 5.05 -3.56	43.10 4.84 -5.79	41.54 4.89 -3.84	43.88 4.85 -6.02	41.10 4.98 -2.89	44.83 5.10 -5.99	48.70 6.11 -7.08	58.16 6.42 -12.12	52.12 5.80 -11.56	47.11 5.12 -8.92	43.80 4.86 -7.61	39.26 4.49 -5.02	34.37 4.21 -1.53	34.22 3.64 -1.44
SOUTHOLD___IC 23719	35.85 2.80 -14.74	32.66 2.75 -10.95	31.33 2.81 -8.84	31.71 3.31 -2.91	32.66 3.58 -1.96	35.59 4.12 -1.83	43.25 6.06 -1.51	49.03 6.56 -5.41	41.76 6.08 -1.51	40.72 5.38 -1.49	41.23 5.05 -3.56	43.10 4.84 -5.79	41.54 4.89 -3.84	43.78 4.75 -6.02	41.00 4.89 -2.89	44.77 5.03 -5.99	48.60 6.00 -7.08	58.16 6.42 -12.12	52.12 5.80 -11.56	47.11 5.12 -8.92	43.90 4.95 -7.61	39.21 4.43 -5.02	34.37 4.21 -1.53	34.22 3.64 -1.44
SOUTH_FORK_WT_PWR 323839	35.88 2.84 -14.74	32.70 2.79 -10.94	31.36 2.85 -8.84	31.73 3.34 -2.90	32.69 3.61 -1.95	35.62 4.15 -1.83	43.32 6.14 -1.51	49.06 6.60 -5.41	41.80 6.12 -1.51	40.75 5.41 -1.48	41.26 5.08 -3.56	43.13 4.87 -5.78	41.57 4.92 -3.84	43.84 4.82 -6.01	41.03 4.92 -2.89	44.83 5.10 -5.98	48.66 6.07 -7.07	58.20 6.46 -12.11	52.15 5.84 -11.55	47.14 5.16 -8.92	43.93 4.98 -7.61	39.26 4.49 -5.02	34.40 4.24 -1.53	34.27 3.70 -1.44
SPIERFLS_115KV_TB 1 80737	35.59 0.64 -16.64	31.18 0.61 -11.60	29.40 0.61 -9.12	27.05 0.82 -0.75	27.99 0.87 0.00	30.59 0.95 0.00	37.28 1.61 0.00	41.59 1.67 -2.86	35.75 1.54 -0.04	35.00 1.15 0.00	33.65 1.04 0.00	33.78 1.30 0.00	33.99 1.18 0.00	34.23 1.22 0.00	34.52 1.30 0.00	35.00 1.25 0.00	37.29 1.78 0.00	41.48 1.86 0.00	36.22 1.46 0.00	34.98 1.92 0.00	33.16 1.82 0.00	31.51 1.76 0.00	30.24 1.60 0.00	30.42 1.28 0.00
ST LAWRENCE___ 23600	17.98 -0.33 0.00	18.60 -0.36 0.00	19.32 -0.35 0.00	25.11 -0.38 0.00	26.74 -0.38 0.00	29.29 -0.35 0.00	34.78 -0.89 0.00	36.32 -0.74 0.00	33.56 -0.61 0.00	33.62 -0.24 0.00	32.44 -0.16 0.00	32.38 -0.10 0.00	32.78 -0.03 0.00	33.04 0.03 0.00	33.22 0.00 0.00	33.72 -0.03 0.00	34.95 -0.57 0.00	38.95 -0.67 0.00	34.17 -0.59 0.00	32.86 -0.20 0.00	31.21 -0.12 0.00	29.72 -0.03 0.00	28.60 -0.03 0.00	29.14 0.00 0.00
STATE_CA_115KV_115_LB 55624	35.16 0.55 -16.31	30.94 0.61 -11.37	29.30 0.69 -8.94	27.19 0.97 -0.73	28.15 1.03 0.00	30.62 0.98 0.00	36.99 1.32 0.00	41.34 1.48 -2.80	35.62 1.40 -0.04	34.87 1.02 0.00	33.45 0.85 0.00	33.29 0.81 0.00	33.56 0.75 0.00	33.70 0.69 0.00	34.02 0.80 0.00	34.66 0.91 0.00	37.01 1.49 0.00	41.17 1.55 0.00	36.04 1.29 0.00	33.89 0.83 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.41 0.77 0.00	29.55 0.41 0.00
STATE_ST_34_KV_LOAD 55959	21.00 -0.02 -2.72	20.84 -0.02 -1.89	21.14 -0.02 -1.49	25.53 -0.08 -0.12	27.10 -0.03 0.00	29.73 0.09 0.00	36.21 0.54 0.00	37.97 0.44 -0.47	34.49 0.31 -0.01	33.99 0.14 0.00	32.77 0.16 0.00	32.64 0.16 0.00	33.01 0.20 0.00	33.24 0.23 0.00	33.42 0.20 0.00	33.99 0.24 0.00	35.98 0.46 0.00	40.30 0.67 0.00	35.21 0.45 0.00	33.33 0.26 0.00	31.46 0.13 0.00	29.81 0.06 0.00	28.60 -0.03 0.00	29.28 0.15 0.00
STATION 5_MISC_HYD 23604	20.62 -0.37 -2.68	20.50 -0.34 -1.87	20.75 -0.39 -1.47	24.95 -0.66 -0.12	26.50 -0.62 0.00	29.25 -0.39 0.00	35.60 -0.07 0.00	37.11 -0.41 -0.46	33.46 -0.72 -0.01	33.01 -0.84 0.00	31.86 -0.75 0.00	31.73 -0.75 0.00	32.15 -0.66 0.00	32.48 -0.53 0.00	32.63 -0.60 0.00	33.18 -0.57 0.00	34.91 -0.60 0.00	39.35 -0.28 0.00	34.34 -0.42 0.00	32.50 -0.56 0.00	30.62 -0.72 0.00	29.04 -0.71 0.00	27.92 -0.71 0.00	28.88 -0.26 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.80 -0.18 -2.68	20.68 -0.15 -1.87	20.94 -0.20 -1.47	25.25 -0.36 -0.12	26.88 -0.24 0.00	29.61 -0.03 0.00	36.10 0.43 0.00	37.78 0.26 -0.46	34.18 0.00 -0.01	33.68 -0.17 0.00	32.51 -0.10 0.00	32.38 -0.10 0.00	32.74 -0.07 0.00	33.11 0.10 0.00	33.26 0.03 0.00	33.85 0.10 0.00	35.73 0.21 0.00	40.14 0.52 0.00	35.04 0.28 0.00	33.13 0.07 0.00	31.24 -0.09 0.00	29.60 -0.15 0.00	28.40 -0.23 0.00	29.23 0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.52 -0.46 -2.67	20.39 -0.44 -1.86	20.64 -0.49 -1.47	24.82 -0.79 -0.12	26.36 -0.76 0.00	29.08 -0.56 0.00	35.39 -0.29 0.00	36.96 -0.56 -0.46	33.36 -0.82 -0.01	32.87 -0.98 0.00	31.76 -0.85 0.00	31.63 -0.84 0.00	31.99 -0.82 0.00	32.38 -0.63 0.00	32.49 -0.73 0.00	33.11 -0.64 0.00	34.84 -0.67 0.00	39.23 -0.40 0.00	34.20 -0.56 0.00	32.37 -0.69 0.00	30.52 -0.81 0.00	28.89 -0.86 0.00	27.80 -0.83 0.00	28.70 -0.44 0.00
STA_56___34_KV_BUS2 355983	20.52 -0.46 -2.67	20.39 -0.44 -1.86	20.64 -0.49 -1.47	24.82 -0.79 -0.12	26.36 -0.76 0.00	29.08 -0.56 0.00	35.39 -0.29 0.00	36.96 -0.56 -0.46	33.36 -0.82 -0.01	32.87 -0.98 0.00	31.76 -0.85 0.00	31.63 -0.84 0.00	31.99 -0.82 0.00	32.38 -0.63 0.00	32.49 -0.73 0.00	33.11 -0.64 0.00	34.84 -0.67 0.00	39.23 -0.40 0.00	34.20 -0.56 0.00	32.37 -0.69 0.00	30.52 -0.81 0.00	28.89 -0.86 0.00	27.80 -0.83 0.00	28.70 -0.44 0.00
STA_67___115KV_BK2 355882	20.59 -0.40 -2.68	20.48 -0.36 -1.87	20.71 -0.43 -1.47	24.89 -0.71 -0.12	26.44 -0.68 0.00	29.20 -0.44 0.00	35.50 -0.18 0.00	37.00 -0.52 -0.46	33.40 -0.79 -0.01	32.90 -0.95 0.00	31.79 -0.82 0.00	31.63 -0.84 0.00	32.02 -0.79 0.00	32.41 -0.59 0.00	32.49 -0.73 0.00	33.11 -0.64 0.00	34.84 -0.67 0.00	39.23 -0.40 0.00	34.24 -0.52 0.00	32.40 -0.66 0.00	30.55 -0.78 0.00	28.95 -0.80 0.00	27.83 -0.80 0.00	28.79 -0.35 0.00
STA_7___115KV_9TRANS 80674	20.68 -0.31 -2.69	20.57 -0.27 -1.87	20.81 -0.33 -1.47	25.02 -0.59 -0.12	26.61 -0.52 0.00	29.37 -0.27 0.00	35.78 0.11 0.00	37.30 -0.22 -0.46	33.67 -0.51 -0.01	33.17 -0.68 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.71 -0.30 0.00	32.82 -0.40 0.00	33.45 -0.30 0.00	35.20 -0.32 0.00	39.62 0.00 0.00	34.58 -0.17 0.00	32.70 -0.36 0.00	30.84 -0.50 0.00	29.19 -0.57 0.00	28.06 -0.57 0.00	28.99 -0.15 0.00

STA_82___115KV_TB1 80780	20.59 -0.40 -2.69	20.48 -0.36 -1.88	20.73 -0.41 -1.47	24.90 -0.71 -0.12	26.47 -0.65 0.00	29.20 -0.44 0.00	35.53 -0.14 0.00	37.04 -0.48 -0.46	33.43 -0.75 -0.01	32.94 -0.91 0.00	31.79 -0.82 0.00	31.67 -0.81 0.00	32.05 -0.75 0.00	32.41 -0.59 0.00	32.53 -0.70 0.00	33.14 -0.61 0.00	34.88 -0.64 0.00	39.27 -0.36 0.00	34.27 -0.49 0.00	32.40 -0.66 0.00	30.59 -0.75 0.00	28.95 -0.80 0.00	27.86 -0.77 0.00	28.79 -0.35 0.00
STEEL___WIND 323596	20.52 -0.91 -3.13	20.30 -0.85 -2.18	20.48 -0.90 -1.72	24.23 -1.40 -0.14	26.47 -0.65 0.00	29.29 -0.35 0.00	35.67 0.00 0.00	35.97 -1.63 -0.54	33.16 -1.02 -0.01	32.67 -1.19 0.00	31.63 -0.98 0.00	31.53 -0.94 0.00	31.96 -0.85 0.00	32.31 -0.69 0.00	32.33 -0.90 0.00	33.04 -0.71 0.00	34.67 -0.85 0.00	39.30 -0.32 0.00	34.24 -0.52 0.00	32.33 -0.73 0.00	30.43 -0.91 0.00	28.95 -0.80 0.00	27.86 -0.77 0.00	28.99 -0.14 0.00
STEPHTWN_115KV_BK_2 55603	35.16 0.70 -16.16	31.01 0.78 -11.27	29.39 0.87 -8.86	27.39 1.17 -0.73	28.40 1.27 0.00	30.91 1.27 0.00	37.39 1.71 0.00	41.73 1.89 -2.78	35.99 1.78 -0.04	35.21 1.35 0.00	33.75 1.14 0.00	33.61 1.14 0.00	33.83 1.02 0.00	33.97 0.96 0.00	34.29 1.06 0.00	34.97 1.22 0.00	37.37 1.85 0.00	41.56 1.94 0.00	36.36 1.60 0.00	34.19 1.12 0.00	32.40 1.07 0.00	30.76 1.01 0.00	29.63 1.00 0.00	29.75 0.61 0.00
STEUBEN_REC_LFGE 323667	21.63 -0.42 -3.75	21.26 -0.32 -2.61	21.47 -0.26 -2.05	25.27 -0.38 -0.17	27.37 0.24 0.00	30.29 0.65 0.00	37.10 1.43 0.00	38.37 0.67 -0.64	35.07 0.89 -0.01	34.49 0.64 0.00	33.29 0.68 0.00	33.22 0.75 0.00	33.73 0.92 0.00	34.16 1.16 0.00	34.25 1.03 0.00	35.00 1.25 0.00	36.98 1.46 0.00	41.72 2.10 0.00	36.29 1.53 0.00	34.25 1.19 0.00	32.22 0.88 0.00	30.59 0.83 0.00	29.29 0.66 0.00	30.27 1.14 0.00
STILLWATER___SOLAR 323814	35.78 0.91 -16.56	31.44 0.93 -11.55	29.69 0.94 -9.08	27.48 1.25 -0.75	28.45 1.33 0.00	31.06 1.42 0.00	37.81 2.14 0.00	42.16 2.26 -2.84	36.30 2.08 -0.04	35.51 1.66 0.00	34.11 1.50 0.00	34.04 1.56 0.00	34.29 1.48 0.00	34.49 1.49 0.00	34.79 1.56 0.00	35.40 1.65 0.00	37.76 2.24 0.00	42.04 2.42 0.00	36.77 2.02 0.00	34.85 1.78 0.00	33.03 1.69 0.00	31.33 1.58 0.00	30.12 1.49 0.00	30.33 1.20 0.00
STONY___BROOK 24151	35.26 2.12 -14.83	32.12 2.10 -11.05	30.75 2.14 -8.94	31.04 2.52 -3.03	31.90 2.71 -2.06	34.62 3.05 -1.93	41.87 4.60 -1.59	47.72 5.08 -5.58	40.48 4.72 -1.59	39.51 4.09 -1.57	40.14 3.78 -3.76	42.18 3.60 -6.10	40.50 3.64 -4.05	42.84 3.50 -6.34	39.86 3.59 -3.05	43.74 3.68 -6.31	47.52 4.55 -7.46	57.07 4.67 -12.77	51.25 4.31 -12.18	46.16 3.70 -9.40	42.99 3.63 -8.02	38.28 3.24 -5.29	33.34 3.09 -1.61	33.24 2.59 -1.51
STURGEON_POOL_HYD 23609	32.76 0.88 -13.57	29.32 0.89 -9.46	28.01 0.90 -7.44	27.14 1.04 -0.61	28.45 1.33 0.00	30.94 1.30 0.00	37.74 2.07 0.00	41.47 2.08 -2.33	36.43 2.22 -0.03	35.65 1.79 0.00	34.20 1.60 0.00	33.94 1.46 0.00	34.22 1.41 0.00	34.26 1.25 0.00	34.59 1.36 0.00	35.20 1.45 0.00	37.72 2.20 0.00	41.88 2.26 0.00	36.81 2.05 0.00	34.52 1.45 0.00	32.75 1.41 0.00	31.06 1.31 0.00	29.83 1.20 0.00	30.13 0.99 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.37 0.92 -12.15	28.39 0.95 -8.47	27.29 0.96 -6.66	27.18 1.15 -0.55	28.32 1.19 0.00	30.83 1.19 0.00	37.71 2.03 0.00	41.41 2.26 -2.09	36.36 2.15 -0.03	35.61 1.76 0.00	34.17 1.57 0.00	33.97 1.49 0.00	34.22 1.41 0.00	34.30 1.29 0.00	34.55 1.33 0.00	35.17 1.42 0.00	37.65 2.13 0.00	41.80 2.18 0.00	36.74 1.98 0.00	34.48 1.42 0.00	32.75 1.41 0.00	31.03 1.28 0.00	29.83 1.20 0.00	30.01 0.87 0.00
SWANROAD_115KV_TB1 355699	20.13 -1.17 -3.00	19.96 -1.10 -2.09	20.13 -1.18 -1.64	23.79 -1.84 -0.14	25.69 -1.44 0.00	28.42 -1.22 0.00	34.53 -1.14 0.00	35.13 -2.45 -0.51	32.00 -2.19 -0.01	31.48 -2.37 0.00	30.49 -2.12 0.00	30.40 -2.08 0.00	30.74 -2.07 0.00	31.16 -1.85 0.00	31.16 -2.06 0.00	31.89 -1.86 0.00	33.39 -2.13 0.00	37.76 -1.86 0.00	32.92 -1.84 0.00	31.11 -1.95 0.00	29.33 -2.01 0.00	27.82 -1.93 0.00	26.80 -1.83 0.00	28.03 -1.11 0.00
SYNERGY___BIOGAS 323694	20.71 -0.48 -2.88	20.56 -0.42 -2.01	20.76 -0.49 -1.58	24.75 -0.87 -0.13	26.66 -0.46 0.00	29.55 -0.09 0.00	36.07 0.39 0.00	37.11 -0.44 -0.49	33.70 -0.48 -0.01	33.17 -0.68 0.00	32.08 -0.52 0.00	31.96 -0.52 0.00	32.42 -0.39 0.00	32.81 -0.20 0.00	32.89 -0.33 0.00	33.52 -0.23 0.00	35.20 -0.32 0.00	39.86 0.24 0.00	34.69 -0.07 0.00	32.80 -0.27 0.00	30.81 -0.53 0.00	29.25 -0.51 0.00	28.12 -0.51 0.00	29.23 0.09 0.00
SYRACUSE___ENERGY_ST1 323597	20.60 -0.04 -2.33	20.55 -0.04 -1.63	20.91 -0.04 -1.28	25.49 -0.10 -0.10	27.01 -0.11 0.00	29.55 -0.09 0.00	35.85 0.18 0.00	37.57 0.11 -0.40	34.11 -0.07 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.96 -0.10 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	29.02 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	20.60 -0.04 -2.33	20.55 -0.04 -1.63	20.91 -0.04 -1.28	25.49 -0.10 -0.10	27.01 -0.11 0.00	29.55 -0.09 0.00	35.85 0.18 0.00	37.57 0.11 -0.40	34.11 -0.07 -0.01	33.68 -0.17 0.00	32.44 -0.16 0.00	32.32 -0.16 0.00	32.68 -0.13 0.00	32.91 -0.10 0.00	33.09 -0.13 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.96 -0.10 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	29.02 -0.12 0.00
SYRACUSE___POWER 24017	20.68 -0.07 -2.45	20.60 -0.08 -1.71	20.92 -0.10 -1.34	25.42 -0.18 -0.11	26.96 -0.16 0.00	29.52 -0.12 0.00	35.85 0.18 0.00	37.52 0.04 -0.42	34.11 -0.07 -0.01	33.65 -0.20 0.00	32.41 -0.20 0.00	32.28 -0.19 0.00	32.64 -0.16 0.00	32.88 -0.13 0.00	33.06 -0.17 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.93 -0.13 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	28.99 -0.15 0.00
TALLMAN___138KV_BK151 55660	31.80 1.03 -12.47	28.70 1.04 -8.69	27.56 1.06 -6.83	27.32 1.27 -0.56	28.42 1.30 0.00	30.97 1.33 0.00	37.92 2.25 0.00	41.76 2.56 -2.14	36.60 2.39 -0.03	35.85 2.00 0.00	34.37 1.76 0.00	34.17 1.69 0.00	34.45 1.64 0.00	34.49 1.49 0.00	34.75 1.53 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.04 2.42 0.00	36.98 2.22 0.00	34.68 1.62 0.00	32.94 1.60 0.00	31.21 1.46 0.00	30.01 1.37 0.00	30.13 0.99 0.00
TEALLAVE_115KV_TB7 355573	20.36 -0.15 -2.20	20.35 -0.15 -1.54	20.72 -0.16 -1.21	25.33 -0.25 -0.10	26.85 -0.27 0.00	29.37 -0.27 0.00	35.67 0.00 0.00	37.29 -0.15 -0.38	33.91 -0.27 -0.01	33.44 -0.41 0.00	32.25 -0.36 0.00	32.09 -0.39 0.00	32.45 -0.36 0.00	32.68 -0.33 0.00	32.86 -0.37 0.00	33.41 -0.34 0.00	35.34 -0.18 0.00	39.50 -0.12 0.00	34.55 -0.21 0.00	32.70 -0.36 0.00	30.93 -0.41 0.00	29.31 -0.45 0.00	28.17 -0.46 0.00	28.85 -0.29 0.00

TELGRAPH_34_KV_EAST 80808	20.48 -0.75 -2.92	20.32 -0.68 -2.04	20.51 -0.77 -1.60	24.37 -1.25 -0.13	26.31 -0.81 0.00	29.14 -0.50 0.00	35.50 -0.18 0.00	36.30 -1.26 -0.50	33.05 -1.13 0.00	32.53 -1.32 0.00	31.47 -1.14 0.00	31.37 -1.10 0.00	31.73 -1.08 0.00	32.15 -0.86 0.00	32.19 -1.03 0.00	32.91 -0.84 0.00	34.52 -0.99 0.00	39.03 -0.59 0.00	33.99 -0.76 0.00	32.10 -0.96 0.00	30.27 -1.07 0.00	28.68 -1.07 0.00	27.60 -1.03 0.00	28.73 -0.41 0.00
TEMPLE___115KV_TB 2 55572	20.40 -0.13 -2.23	20.39 -0.13 -1.55	20.75 -0.14 -1.22	25.36 -0.23 -0.10	26.88 -0.24 0.00	29.40 -0.24 0.00	35.71 0.04 0.00	37.33 -0.11 -0.38	33.94 -0.24 0.00	33.48 -0.37 0.00	32.25 -0.36 0.00	32.12 -0.36 0.00	32.48 -0.33 0.00	32.71 -0.30 0.00	32.89 -0.33 0.00	33.45 -0.30 0.00	35.38 -0.14 0.00	39.54 -0.08 0.00	34.58 -0.17 0.00	32.73 -0.33 0.00	30.93 -0.41 0.00	29.34 -0.42 0.00	28.20 -0.43 0.00	28.88 -0.26 0.00
TIANA___69_KV_BK 1 55817	35.46 2.42 -14.74	32.30 2.39 -10.94	30.95 2.44 -8.84	31.32 2.93 -2.91	32.14 3.06 -1.96	34.97 3.50 -1.83	42.39 5.21 -1.51	48.06 5.60 -5.41	40.84 5.16 -1.51	39.94 4.60 -1.49	40.48 4.30 -3.56	42.35 4.09 -5.78	40.78 4.13 -3.84	43.12 4.09 -6.02	40.30 4.19 -2.89	44.02 4.29 -5.99	47.81 5.22 -7.07	57.13 5.39 -12.12	51.25 4.94 -11.56	46.28 4.30 -8.92	43.05 4.11 -7.61	38.55 3.78 -5.02	33.74 3.58 -1.53	33.60 3.03 -1.44
TILDEN___115KV_TB1 80814	20.68 -0.07 -2.45	20.60 -0.08 -1.71	20.92 -0.10 -1.34	25.42 -0.18 -0.11	26.96 -0.16 0.00	29.52 -0.12 0.00	35.85 0.18 0.00	37.52 0.04 -0.42	34.11 -0.07 0.00	33.65 -0.20 0.00	32.41 -0.20 0.00	32.28 -0.19 0.00	32.64 -0.16 0.00	32.88 -0.13 0.00	33.06 -0.17 0.00	33.62 -0.13 0.00	35.59 0.07 0.00	39.78 0.16 0.00	34.79 0.03 0.00	32.93 -0.13 0.00	31.12 -0.22 0.00	29.51 -0.24 0.00	28.35 -0.29 0.00	28.99 -0.15 0.00
TRIGEN___CC 323695	45.94 1.54 -26.10	43.75 1.59 -23.19	41.33 1.61 -20.04	45.43 1.99 -17.95	43.86 2.09 -14.65	45.56 2.22 -13.70	50.26 3.32 -11.27	66.59 3.63 -25.89	48.72 3.45 -11.09	48.00 3.01 -11.14	62.01 2.74 -26.66	78.37 2.66 -43.23	64.14 2.62 -28.71	80.44 2.48 -44.96	57.26 2.49 -21.55	80.95 2.56 -44.63	91.82 3.45 -52.86	133.69 3.57 -90.51	124.35 3.27 -86.33	102.18 2.58 -66.54	90.69 2.51 -56.84	69.45 2.29 -37.41	42.35 2.23 -11.49	41.77 1.86 -10.77
TRINITY___115KV__ 4 BK 55933	34.99 0.49 -16.19	30.81 0.55 -11.29	29.17 0.63 -8.87	27.11 0.89 -0.73	28.04 0.92 0.00	30.53 0.89 0.00	36.85 1.18 0.00	41.21 1.37 -2.78	35.48 1.26 -0.04	34.73 0.88 0.00	33.32 0.72 0.00	33.16 0.68 0.00	33.43 0.62 0.00	33.57 0.56 0.00	33.89 0.66 0.00	34.53 0.78 0.00	36.87 1.35 0.00	41.01 1.39 0.00	35.94 1.18 0.00	33.79 0.73 0.00	32.03 0.69 0.00	30.41 0.65 0.00	29.32 0.69 0.00	29.46 0.32 0.00
UNION___PROCESSING_DRP 323587	20.61 -0.38 -2.69	20.50 -0.34 -1.88	20.73 -0.41 -1.48	24.92 -0.69 -0.12	26.47 -0.65 0.00	29.22 -0.41 0.00	35.53 -0.14 0.00	37.04 -0.48 -0.46	33.43 -0.75 -0.01	32.94 -0.91 0.00	31.82 -0.78 0.00	31.70 -0.78 0.00	32.05 -0.75 0.00	32.45 -0.56 0.00	32.56 -0.66 0.00	33.18 -0.57 0.00	34.92 -0.60 0.00	39.31 -0.32 0.00	34.27 -0.49 0.00	32.43 -0.63 0.00	30.59 -0.75 0.00	28.98 -0.77 0.00	27.86 -0.77 0.00	28.82 -0.32 0.00
UPPER HUDSON___HYD 24058	35.59 0.64 -16.64	31.18 0.61 -11.60	29.40 0.61 -9.12	27.05 0.82 -0.75	27.99 0.87 0.00	30.59 0.95 0.00	37.28 1.61 0.00	41.59 1.67 -2.86	35.75 1.54 -0.04	35.00 1.15 0.00	33.65 1.04 0.00	33.78 1.30 0.00	33.99 1.18 0.00	34.23 1.22 0.00	34.52 1.29 0.00	35.00 1.25 0.00	37.26 1.74 0.00	41.48 1.86 0.00	36.22 1.46 0.00	34.98 1.92 0.00	33.15 1.82 0.00	31.48 1.72 0.00	30.23 1.60 0.00	30.42 1.28 0.00
UPPER RAQUET___HYD 24056	21.93 -0.49 -4.12	21.39 -0.55 -2.98	19.32 -0.55 -0.20	24.97 -0.54 -0.02	26.61 -0.52 0.00	29.22 -0.41 0.00	35.03 -0.64 0.00	36.69 -0.44 -0.07	34.01 -0.17 0.00	34.46 0.61 0.00	33.45 0.85 0.00	33.74 1.27 0.00	34.38 1.57 0.00	35.06 2.05 0.00	35.05 1.83 0.00	35.88 2.13 0.00	36.62 1.10 0.00	40.41 0.79 0.00	33.99 -0.76 0.00	32.67 -0.40 0.00	31.02 -0.31 0.00	29.78 0.03 0.00	28.72 0.09 0.00	29.43 0.29 0.00
VALLEY44_115KV_TB2 355964	20.41 -1.19 -3.30	20.15 -1.12 -2.30	20.32 -1.16 -1.81	23.90 -1.73 -0.15	26.82 -0.30 0.00	29.64 0.00 0.00	36.39 0.71 0.00	35.59 -2.04 -0.57	34.01 -0.17 -0.01	33.44 -0.41 0.00	32.31 -0.29 0.00	32.22 -0.26 0.00	32.58 -0.23 0.00	33.01 0.00 0.00	32.99 -0.23 0.00	33.78 0.03 0.00	35.48 -0.04 0.00	40.10 0.48 0.00	34.86 0.10 0.00	32.93 -0.13 0.00	31.06 -0.28 0.00	29.49 -0.27 0.00	28.40 -0.23 0.00	29.31 0.17 0.00
VALLEY___115KV_TB 1-4 80826	19.07 0.44 -0.33	19.65 0.46 -0.23	20.36 0.51 -0.18	26.19 0.69 -0.01	27.91 0.79 0.00	30.56 0.92 0.00	36.96 1.28 0.00	38.45 1.33 -0.06	35.47 1.30 0.00	35.10 1.25 0.00	33.78 1.17 0.00	33.71 1.23 0.00	34.09 1.28 0.00	34.30 1.29 0.00	34.52 1.30 0.00	35.10 1.35 0.00	37.01 1.49 0.00	41.29 1.66 0.00	36.22 1.46 0.00	34.32 1.26 0.00	32.50 1.16 0.00	30.85 1.10 0.00	29.72 1.09 0.00	30.22 1.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.42 1.06 -6.05	24.23 1.04 -4.22	24.07 1.08 -3.31	27.16 1.40 -0.27	28.67 1.55 0.00	31.51 1.87 0.00	38.67 3.00 0.00	41.14 3.04 -1.04	36.99 2.80 -0.01	36.29 2.44 0.00	34.92 2.32 0.00	34.65 2.18 0.00	35.04 2.23 0.00	35.22 2.21 0.00	35.48 2.26 0.00	36.11 2.36 0.00	38.36 2.84 0.00	42.87 3.25 0.00	37.50 2.75 0.00	35.28 2.22 0.00	33.41 2.07 0.00	31.60 1.84 0.00	30.38 1.75 0.00	30.74 1.60 0.00
VISCHER___FERRY HYD 24020	35.44 0.80 -16.33	31.18 0.83 -11.38	29.48 0.86 -8.95	27.34 1.12 -0.74	28.34 1.22 0.00	30.88 1.24 0.00	37.49 1.82 0.00	41.90 2.04 -2.80	36.09 1.88 -0.04	35.31 1.45 0.00	33.85 1.24 0.00	33.68 1.20 0.00	33.96 1.15 0.00	34.10 1.09 0.00	34.42 1.19 0.00	35.06 1.31 0.00	37.47 1.95 0.00	41.72 2.10 0.00	36.56 1.81 0.00	34.42 1.36 0.00	32.59 1.25 0.00	30.94 1.19 0.00	29.75 1.12 0.00	29.95 0.81 0.00
V_A_10_SYNC_DSASP 323832	20.35 -0.79 -2.83	20.20 -0.74 -1.98	20.42 -0.81 -1.55	24.34 -1.27 -0.13	25.90 -1.22 0.00	28.63 -1.01 0.00	34.75 -0.93 0.00	35.92 -1.63 -0.49	32.34 -1.85 -0.01	31.85 -2.00 0.00	30.81 -1.79 0.00	30.69 -1.79 0.00	31.07 -1.74 0.00	31.42 -1.58 0.00	31.49 -1.73 0.00	32.10 -1.65 0.00	33.71 -1.81 0.00	38.08 -1.55 0.00	33.23 -1.53 0.00	31.44 -1.62 0.00	29.61 -1.72 0.00	28.15 -1.61 0.00	27.11 -1.52 0.00	28.23 -0.90 0.00
V_CMM_10_SYNC_DSASP 323787	18.03 -0.27 0.00	18.68 -0.28 0.00	19.38 -0.29 0.00	25.21 -0.28 0.00	26.85 -0.27 0.00	29.40 -0.24 0.00	34.92 -0.75 0.00	36.47 -0.59 0.00	33.70 -0.48 0.00	33.72 -0.13 0.00	32.57 -0.03 0.00	32.51 0.03 0.00	32.87 0.07 0.00	33.14 0.13 0.00	33.36 0.13 0.00	33.85 0.10 0.00	35.09 -0.42 0.00	39.11 -0.52 0.00	34.31 -0.45 0.00	32.96 -0.10 0.00	31.31 -0.03 0.00	29.84 0.09 0.00	28.69 0.06 0.00	29.26 0.12 0.00

V_CMP_10_SYNC_DSASP 323788	-6.94 -0.81 24.44	0.39 -0.85 17.72	18.79 -0.88 0.00	24.70 -0.79 0.00	26.61 -0.52 0.00	29.37 -0.27 0.00	35.10 -0.57 0.00	36.58 -0.55 -0.07	35.17 0.99 0.00	38.15 4.30 0.00	37.99 5.38 0.00	40.37 7.89 0.00	42.09 9.29 0.00	45.03 12.02 0.00	43.82 10.60 0.00	46.24 12.49 0.00	47.13 11.61 0.00	51.47 11.85 0.00	35.56 0.80 0.00	34.05 0.99 0.00	32.78 1.44 0.00	31.18 1.43 0.00	29.89 1.26 0.00	30.54 1.40 0.00
V_D_10_SYNC_DSASP 323841	19.99 -1.32 -3.00	19.81 -1.25 -2.09	19.98 -1.34 -1.64	23.61 -2.01 -0.14	25.39 -1.74 0.00	28.10 -1.54 0.00	34.03 -1.64 0.00	34.72 -2.85 -0.52	31.48 -2.70 -0.01	31.01 -2.84 0.00	30.03 -2.58 0.00	29.94 -2.53 0.00	30.31 -2.49 0.00	30.70 -2.31 0.00	30.70 -2.53 0.00	31.35 -2.40 0.00	32.82 -2.70 0.00	37.20 -2.42 0.00	32.43 -2.33 0.00	30.65 -2.41 0.00	28.86 -2.48 0.00	27.46 -2.29 0.00	26.48 -2.15 0.00	27.71 -1.43 0.00
V_E_10_SYNC_DSASP 323830	24.28 1.19 -4.79	23.50 1.20 -3.34	23.52 1.22 -2.62	27.41 1.71 -0.22	29.10 1.98 0.00	32.28 2.64 0.00	39.77 4.10 0.00	42.03 4.15 -0.82	37.98 3.79 -0.01	37.61 3.76 0.00	36.26 3.65 0.00	35.92 3.44 0.00	36.22 3.41 0.00	36.47 3.46 0.00	36.78 3.56 0.00	37.53 3.78 0.00	39.71 4.19 0.00	44.89 5.27 0.00	39.17 4.41 0.00	36.83 3.77 0.00	34.79 3.45 0.00	32.94 3.19 0.00	31.35 2.72 0.00	31.91 2.77 0.00
V_F_30_NSYNC___DSASP 323816	35.85 0.95 -16.60	31.49 0.95 -11.57	29.75 0.98 -9.10	27.51 1.27 -0.75	28.51 1.38 0.00	31.12 1.48 0.00	37.85 2.18 0.00	42.25 2.34 -2.85	36.33 2.12 -0.04	35.58 1.73 0.00	34.17 1.57 0.00	34.10 1.62 0.00	34.35 1.54 0.00	34.56 1.55 0.00	34.85 1.63 0.00	35.47 1.72 0.00	37.79 2.28 0.00	42.08 2.46 0.00	36.81 2.05 0.00	34.88 1.82 0.00	33.06 1.72 0.00	31.36 1.61 0.00	30.15 1.52 0.00	30.36 1.22 0.00
V_F_30_SYNC_DSASP 323786	35.15 0.55 -16.30	30.94 0.61 -11.37	29.29 0.69 -8.93	27.19 0.97 -0.73	28.15 1.03 0.00	30.62 0.98 0.00	36.99 1.32 0.00	41.34 1.48 -2.80	35.62 1.40 -0.04	34.87 1.02 0.00	33.45 0.85 0.00	33.29 0.81 0.00	33.56 0.75 0.00	33.70 0.69 0.00	34.02 0.80 0.00	34.66 0.91 0.00	37.01 1.49 0.00	41.13 1.51 0.00	36.04 1.29 0.00	33.89 0.83 0.00	32.12 0.78 0.00	30.50 0.74 0.00	29.41 0.77 0.00	29.55 0.41 0.00
V_XM_10_SYNC_DSASP 323789	-6.94 -0.81 24.44	0.39 -0.85 17.72	18.79 -0.88 0.00	24.70 -0.79 0.00	26.61 -0.52 0.00	29.37 -0.27 0.00	35.10 -0.57 0.00	36.58 -0.55 -0.07	35.17 0.99 0.00	38.15 4.30 0.00	37.99 5.38 0.00	40.37 7.89 0.00	42.09 9.29 0.00	45.03 12.02 0.00	43.82 10.60 0.00	46.24 12.49 0.00	47.13 11.61 0.00	51.47 11.85 0.00	35.56 0.80 0.00	34.05 0.99 0.00	32.78 1.44 0.00	31.18 1.43 0.00	29.89 1.26 0.00	30.54 1.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.92 1.08 -12.54	28.81 1.10 -8.74	27.66 1.12 -6.87	27.40 1.35 -0.56	28.51 1.38 0.00	31.06 1.42 0.00	38.03 2.35 0.00	41.88 2.67 -2.15	36.73 2.53 -0.03	35.95 2.10 0.00	34.50 1.89 0.00	34.26 1.79 0.00	34.55 1.74 0.00	34.59 1.58 0.00	34.85 1.63 0.00	35.47 1.72 0.00	38.01 2.49 0.00	42.16 2.54 0.00	37.09 2.33 0.00	34.78 1.72 0.00	33.03 1.69 0.00	31.30 1.55 0.00	30.06 1.43 0.00	30.22 1.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.46 1.17 -12.99	29.23 1.21 -9.06	28.03 1.24 -7.12	27.55 1.48 -0.58	28.67 1.55 0.00	31.24 1.60 0.00	38.31 2.64 0.00	42.25 2.96 -2.23	37.01 2.80 -0.03	36.25 2.40 0.00	34.79 2.18 0.00	34.62 2.14 0.00	34.91 2.10 0.00	34.96 1.95 0.00	35.15 1.93 0.00	35.74 1.99 0.00	38.40 2.88 0.00	42.55 2.93 0.00	37.47 2.71 0.00	35.08 2.02 0.00	33.31 1.97 0.00	31.51 1.76 0.00	30.32 1.69 0.00	30.39 1.25 0.00
W50THST__13_KV_LOAD 356117	32.54 1.24 -12.99	29.31 1.29 -9.06	28.09 1.30 -7.12	27.63 1.55 -0.58	28.75 1.63 0.00	31.33 1.69 0.00	38.46 2.78 0.00	42.44 3.15 -2.23	37.18 2.97 -0.03	36.42 2.57 0.00	34.95 2.35 0.00	34.78 2.31 0.00	35.07 2.26 0.00	35.12 2.11 0.00	35.32 2.09 0.00	35.88 2.13 0.00	38.57 3.05 0.00	42.75 3.13 0.00	37.61 2.85 0.00	35.21 2.15 0.00	33.44 2.10 0.00	31.63 1.87 0.00	30.44 1.80 0.00	30.51 1.37 0.00
WADING RIVER_IC_1 23522	35.29 2.25 -14.73	32.14 2.24 -10.94	30.77 2.26 -8.84	31.06 2.68 -2.89	31.94 2.87 -1.95	34.72 3.26 -1.82	42.10 4.92 -1.50	47.79 5.34 -5.39	40.66 4.99 -1.50	39.66 4.33 -1.48	40.16 4.01 -3.55	42.07 3.83 -5.76	40.47 3.84 -3.82	42.72 3.73 -5.99	39.92 3.82 -2.88	43.62 3.91 -5.96	47.35 4.79 -7.04	56.64 4.95 -12.06	50.85 4.59 -11.50	45.91 3.97 -8.88	42.76 3.85 -7.57	38.23 3.48 -4.99	33.48 3.32 -1.52	33.36 2.80 -1.43
WADING RIVER_IC_2 23547	35.29 2.25 -14.73	32.14 2.24 -10.94	30.77 2.26 -8.84	31.06 2.68 -2.89	31.94 2.87 -1.95	34.72 3.26 -1.82	42.10 4.92 -1.50	47.79 5.34 -5.39	40.66 4.99 -1.50	39.66 4.33 -1.48	40.16 4.01 -3.55	42.07 3.83 -5.76	40.47 3.84 -3.82	42.72 3.73 -5.99	39.92 3.82 -2.88	43.62 3.91 -5.96	47.35 4.79 -7.04	56.64 4.95 -12.06	50.85 4.59 -11.50	45.91 3.97 -8.88	42.76 3.85 -7.57	38.23 3.48 -4.99	33.48 3.32 -1.52	33.36 2.80 -1.43
WADING RIVER_IC_3 23601	35.29 2.25 -14.73	32.14 2.24 -10.94	30.77 2.26 -8.84	31.06 2.68 -2.89	31.94 2.87 -1.95	34.72 3.26 -1.82	42.10 4.92 -1.50	47.79 5.34 -5.39	40.66 4.99 -1.50	39.66 4.33 -1.48	40.16 4.01 -3.55	42.07 3.83 -5.76	40.47 3.84 -3.82	42.72 3.73 -5.99	39.92 3.82 -2.88	43.62 3.91 -5.96	47.35 4.79 -7.04	56.64 4.95 -12.06	50.85 4.59 -11.50	45.91 3.97 -8.88	42.76 3.85 -7.57	38.23 3.48 -4.99	33.48 3.32 -1.52	33.36 2.80 -1.43
WALDENNY_12_KV_BK2 80841	20.53 -0.90 -3.12	20.31 -0.83 -2.17	20.49 -0.89 -1.71	24.23 -1.40 -0.14	26.44 -0.68 0.00	29.28 -0.36 0.00	35.64 -0.04 0.00	36.00 -1.59 -0.54	33.19 -0.99 -0.01	32.63 -1.22 0.00	31.60 -1.01 0.00	31.50 -0.97 0.00	31.89 -0.92 0.00	32.31 -0.69 0.00	32.29 -0.93 0.00	33.08 -0.68 0.00	34.67 -0.85 0.00	39.27 -0.36 0.00	34.20 -0.56 0.00	32.27 -0.79 0.00	30.43 -0.91 0.00	28.86 -0.89 0.00	27.77 -0.86 0.00	28.91 -0.23 0.00
WALDEN___HYDRO 24148	31.99 1.01 -12.68	28.83 1.02 -8.84	27.66 1.04 -6.95	27.31 1.25 -0.57	28.45 1.33 0.00	30.97 1.34 0.00	37.85 2.18 0.00	41.64 2.41 -2.18	36.50 2.29 -0.03	35.71 1.86 0.00	34.30 1.69 0.00	34.07 1.59 0.00	34.29 1.48 0.00	34.36 1.35 0.00	34.68 1.46 0.00	35.23 1.48 0.00	37.79 2.28 0.00	42.00 2.38 0.00	36.91 2.16 0.00	34.62 1.55 0.00	32.87 1.54 0.00	31.15 1.40 0.00	29.92 1.29 0.00	30.13 0.99 0.00
WARRENSBURG____ 23737	35.59 0.64 -16.64	31.18 0.61 -11.60	29.40 0.61 -9.12	27.05 0.82 -0.75	27.99 0.87 0.00	30.59 0.95 0.00	37.28 1.61 0.00	41.59 1.67 -2.86	35.75 1.54 -0.04	35.00 1.15 0.00	33.65 1.04 0.00	33.78 1.30 0.00	33.99 1.18 0.00	34.23 1.22 0.00	34.52 1.29 0.00	35.00 1.25 0.00	37.26 1.74 0.00	41.48 1.86 0.00	36.22 1.46 0.00	34.98 1.92 0.00	33.15 1.82 0.00	31.48 1.72 0.00	30.23 1.60 0.00	30.42 1.28 0.00

WATERSIDE___6 8 9 23538	32.54 1.24 -12.99	29.29 1.27 -9.06	28.07 1.28 -7.12	27.60 1.53 -0.58	28.72 1.60 0.00	31.21 1.57 0.00	38.24 2.57 0.00	42.25 2.96 -2.23	37.08 2.87 -0.03	36.32 2.47 0.00	34.89 2.28 0.00	34.72 2.24 0.00	35.01 2.20 0.00	35.05 2.05 0.00	35.22 1.99 0.00	35.74 1.99 0.00	38.47 2.95 0.00	42.63 3.01 0.00	37.54 2.78 0.00	35.11 2.05 0.00	33.38 2.04 0.00	31.54 1.79 0.00	30.41 1.78 0.00	30.48 1.34 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.02 0.38 -0.33	19.59 0.40 -0.23	20.26 0.41 -0.18	26.06 0.56 -0.01	27.75 0.62 0.00	30.35 0.71 0.00	36.67 1.00 0.00	38.15 1.04 -0.06	35.17 0.99 0.00	34.77 0.91 0.00	33.42 0.82 0.00	33.39 0.91 0.00	33.73 0.92 0.00	33.93 0.92 0.00	34.15 0.93 0.00	34.69 0.94 0.00	36.62 1.10 0.00	40.85 1.23 0.00	35.84 1.08 0.00	33.99 0.93 0.00	32.18 0.85 0.00	30.56 0.80 0.00	29.41 0.77 0.00	29.90 0.76 0.00
WATSON___69_KV_BK 1 55734	35.99 2.27 -15.41	32.90 2.26 -11.67	31.46 2.28 -9.51	32.07 2.78 -3.80	32.76 2.93 -2.71	35.46 3.29 -2.53	42.65 4.89 -2.09	48.95 5.26 -6.63	41.10 4.85 -2.08	40.24 4.33 -2.06	41.55 4.01 -4.94	44.32 3.83 -8.01	42.00 3.87 -5.32	45.13 3.80 -8.33	41.11 3.89 -4.00	45.98 3.95 -8.28	50.22 4.90 -9.80	61.39 4.99 -16.78	55.35 4.59 -16.00	49.41 4.00 -12.34	45.66 3.79 -10.53	40.21 3.51 -6.94	34.08 3.32 -2.12	33.95 2.83 -1.99
WDELAWARE___HYD 323627	31.38 1.21 -11.87	28.47 1.23 -8.27	27.41 1.24 -6.50	27.50 1.48 -0.53	28.75 1.63 0.00	31.24 1.60 0.00	38.21 2.53 0.00	41.91 2.82 -2.04	36.87 2.67 -0.03	36.02 2.17 0.00	34.63 2.02 0.00	34.36 1.88 0.00	34.58 1.77 0.00	34.66 1.65 0.00	35.02 1.79 0.00	35.61 1.86 0.00	38.18 2.67 0.00	42.48 2.85 0.00	37.29 2.54 0.00	34.95 1.88 0.00	33.19 1.85 0.00	31.45 1.70 0.00	30.15 1.52 0.00	30.45 1.31 0.00
WEST BABYLON___IC 23714	37.22 2.09 -16.83	34.27 2.11 -13.20	32.70 2.12 -10.90	33.76 2.60 -5.67	34.15 2.74 -4.29	36.70 3.05 -4.01	43.47 4.49 -3.30	51.12 4.89 -9.17	41.95 4.51 -3.27	41.14 4.03 -3.26	44.10 3.68 -7.81	48.72 3.57 -12.67	44.79 3.58 -8.41	49.64 3.47 -13.17	43.07 3.52 -6.32	50.45 3.61 -13.09	55.55 4.55 -15.49	70.78 4.64 -26.52	64.33 4.28 -25.30	56.21 3.64 -19.51	51.47 3.48 -16.65	43.94 3.21 -10.97	35.06 3.06 -3.36	34.88 2.59 -3.15
WEST CANADA___HYD 24049	18.71 0.07 -0.33	19.27 0.08 -0.23	19.93 0.08 -0.18	25.60 0.10 -0.01	27.23 0.11 0.00	29.76 0.12 0.00	35.89 0.22 0.00	37.34 0.22 -0.06	34.38 0.21 0.00	33.99 0.14 0.00	32.74 0.13 0.00	32.61 0.13 0.00	32.94 0.13 0.00	33.14 0.13 0.00	33.32 0.10 0.00	33.89 0.14 0.00	35.73 0.21 0.00	39.86 0.24 0.00	34.97 0.21 0.00	33.19 0.13 0.00	31.43 0.09 0.00	29.84 0.09 0.00	28.75 0.11 0.00	29.23 0.09 0.00
WESTERN_NY_WIND 24143	20.69 -0.51 -2.90	20.55 -0.44 -2.02	20.73 -0.53 -1.59	24.70 -0.92 -0.13	26.61 -0.52 0.00	29.52 -0.12 0.00	36.03 0.36 0.00	37.04 -0.52 -0.50	33.67 -0.51 -0.01	33.14 -0.71 0.00	32.05 -0.55 0.00	31.93 -0.55 0.00	32.32 -0.49 0.00	32.74 -0.26 0.00	32.82 -0.40 0.00	33.51 -0.24 0.00	35.20 -0.32 0.00	39.78 0.16 0.00	34.62 -0.14 0.00	32.70 -0.36 0.00	30.81 -0.53 0.00	29.16 -0.60 0.00	28.03 -0.60 0.00	29.14 0.00 0.00
WESTOVER___LESR 323668	23.41 0.05 -5.05	22.56 0.08 -3.52	22.54 0.10 -2.77	25.74 0.03 -0.23	27.37 0.24 0.00	30.00 0.36 0.00	36.57 0.89 0.00	38.48 0.56 -0.87	34.80 0.62 -0.01	34.26 0.41 0.00	32.97 0.36 0.00	32.83 0.36 0.00	33.17 0.36 0.00	33.44 0.43 0.00	33.59 0.37 0.00	34.22 0.47 0.00	36.26 0.75 0.00	40.61 0.99 0.00	35.49 0.73 0.00	33.52 0.46 0.00	31.68 0.34 0.00	30.08 0.33 0.00	28.89 0.26 0.00	29.52 0.38 0.00
WETHRSFD_WT_PWR 323626	20.74 -0.97 -3.40	20.47 -0.87 -2.37	20.67 -0.87 -1.86	24.34 -1.30 -0.15	26.42 -0.71 0.00	29.22 -0.41 0.00	35.67 0.00 0.00	36.38 -1.26 -0.58	33.33 -0.85 -0.01	32.84 -1.01 0.00	31.69 -0.91 0.00	31.57 -0.91 0.00	32.06 -0.75 0.00	32.45 -0.56 0.00	32.49 -0.73 0.00	33.14 -0.61 0.00	34.91 -0.60 0.00	39.50 -0.12 0.00	34.44 -0.31 0.00	32.53 -0.53 0.00	30.62 -0.72 0.00	29.13 -0.63 0.00	28.00 -0.63 0.00	29.05 -0.09 0.00
WHAVSTOR_138KV_BK127 55557	31.86 1.01 -12.55	28.76 1.04 -8.75	27.61 1.06 -6.88	27.33 1.27 -0.57	28.42 1.30 0.00	30.97 1.33 0.00	37.92 2.25 0.00	41.74 2.52 -2.16	36.60 2.39 -0.03	35.85 2.00 0.00	34.37 1.76 0.00	34.17 1.69 0.00	34.45 1.64 0.00	34.49 1.49 0.00	34.75 1.53 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.04 2.42 0.00	36.98 2.22 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.18 1.43 0.00	30.01 1.37 0.00	30.13 0.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.86 1.01 -12.55	28.76 1.04 -8.75	27.61 1.06 -6.88	27.33 1.27 -0.57	28.42 1.30 0.00	30.97 1.33 0.00	37.92 2.25 0.00	41.74 2.52 -2.16	36.60 2.39 -0.03	35.85 2.00 0.00	34.37 1.76 0.00	34.17 1.69 0.00	34.45 1.64 0.00	34.49 1.49 0.00	34.75 1.53 0.00	35.37 1.62 0.00	37.90 2.38 0.00	42.04 2.42 0.00	36.98 2.22 0.00	34.65 1.59 0.00	32.94 1.60 0.00	31.18 1.43 0.00	30.01 1.37 0.00	30.13 0.99 0.00
WHITEHAL_115KV_TB1 80871	35.99 1.06 -16.62	31.56 1.01 -11.59	29.82 1.04 -9.11	27.61 1.38 -0.75	28.64 1.52 0.00	31.33 1.69 0.00	38.31 2.64 0.00	42.66 2.74 -2.85	36.71 2.49 -0.04	35.92 2.06 0.00	34.60 1.99 0.00	34.72 2.24 0.00	34.94 2.13 0.00	35.15 2.15 0.00	35.45 2.23 0.00	36.04 2.29 0.00	38.25 2.73 0.00	42.55 2.93 0.00	37.05 2.29 0.00	35.64 2.58 0.00	33.75 2.41 0.00	32.01 2.26 0.00	30.72 2.09 0.00	30.89 1.75 0.00
WHITEPLN_13_KV_LOAD 356215	32.53 1.26 -12.96	29.29 1.29 -9.04	28.09 1.32 -7.10	27.68 1.61 -0.58	28.78 1.65 0.00	31.42 1.78 0.00	38.53 2.85 0.00	42.51 3.22 -2.23	37.28 3.08 -0.03	36.56 2.71 0.00	35.09 2.48 0.00	34.91 2.44 0.00	35.20 2.40 0.00	35.25 2.24 0.00	35.55 2.33 0.00	36.08 2.33 0.00	38.72 3.20 0.00	42.87 3.25 0.00	37.75 2.99 0.00	35.28 2.22 0.00	33.59 2.26 0.00	31.69 1.93 0.00	30.44 1.80 0.00	30.57 1.43 0.00
WM_FLOYD_69_KV_BK2 356380	35.31 2.23 -14.78	32.17 2.22 -10.98	30.79 2.24 -8.88	31.14 2.70 -2.95	31.97 2.85 -1.99	34.74 3.23 -1.87	42.03 4.82 -1.54	47.76 5.23 -5.47	40.53 4.82 -1.54	39.67 4.30 -1.52	40.19 3.95 -3.64	42.15 3.77 -5.90	40.53 3.81 -3.92	42.91 3.76 -6.14	40.03 3.85 -2.95	43.77 3.91 -6.11	47.57 4.83 -7.22	56.90 4.91 -12.36	51.07 4.52 -11.79	46.10 3.93 -9.10	42.83 3.73 -7.76	38.35 3.48 -5.12	33.49 3.29 -1.56	33.37 2.77 -1.46
WOODARD__115KV_TB2 355635	20.36 -0.18 -2.24	20.36 -0.17 -1.56	20.70 -0.20 -1.23	25.28 -0.31 -0.10	26.80 -0.33 0.00	29.31 -0.33 0.00	35.57 -0.11 0.00	37.19 -0.26 -0.38	33.80 -0.38 -0.01	33.34 -0.51 0.00	32.15 -0.46 0.00	32.02 -0.45 0.00	32.35 -0.46 0.00	32.58 -0.43 0.00	32.76 -0.47 0.00	33.31 -0.44 0.00	35.23 -0.28 0.00	39.38 -0.24 0.00	34.45 -0.31 0.00	32.63 -0.43 0.00	30.84 -0.50 0.00	29.25 -0.51 0.00	28.12 -0.52 0.00	28.79 -0.35 0.00

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