

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/13/2025

Name	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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.54	26.21	11.22	7.47	31.95	32.30	33.42	35.42	35.39	32.23	32.13	31.05	31.84	32.42	36.26	37.36	33.29	34.92	37.51	39.85	41.93	31.99	31.50	31.19
24138	2.13	1.86	0.81	0.50	1.70	1.84	2.07	2.29	2.51	2.43	2.35	2.47	2.67	2.73	3.05	3.14	2.57	2.60	2.60	2.70	2.77	2.16	2.12	2.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.60	26.26	11.24	7.49	32.03	32.36	33.49	35.47	35.42	32.22	32.13	31.05	31.81	32.40	36.25	37.40	33.35	34.99	37.60	39.98	42.03	32.07	31.57	31.25
24260	2.19	1.92	0.84	0.52	1.78	1.90	2.13	2.34	2.55	2.42	2.35	2.47	2.65	2.70	3.04	3.17	2.63	2.67	2.69	2.82	2.87	2.23	2.20	2.23
	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
74TH STREET_GT_2	30.60	26.26	11.24	7.49	32.03	32.36	33.49	35.47	35.42	32.22	32.13	31.05	31.81	32.40	36.25	37.40	33.35	34.99	37.60	39.98	42.03	32.07	31.57	31.25
24261	2.19	1.92	0.84	0.52	1.78	1.90	2.13	2.34	2.55	2.42	2.35	2.47	2.65	2.70	3.04	3.17	2.63	2.67	2.69	2.82	2.87	2.23	2.20	2.23
	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
ADK HUDSON___FALLS	29.67	25.54	10.93	7.31	31.55	32.01	33.40	37.34	34.05	30.48	30.47	29.11	29.76	30.45	34.04	35.21	31.93	34.04	36.99	39.58	41.68	31.65	31.00	30.65
24011	1.26	1.20	0.52	0.34	1.30	1.55	1.85	1.75	1.17	0.68	0.69	0.52	0.59	0.76	0.83	0.98	1.22	1.72	2.08	2.42	2.52	1.81	1.63	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-2.46	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
ADK RESOURCE___RCVRY	29.71	25.59	10.95	7.33	31.62	32.14	33.60	37.43	34.15	30.51	30.55	29.14	29.77	30.50	34.07	35.21	32.02	34.23	37.16	39.83	41.93	31.81	31.12	30.79
23798	1.30	1.25	0.54	0.36	1.37	1.68	2.06	1.94	1.28	0.71	0.77	0.55	0.61	0.80	0.86	0.99	1.31	1.90	2.26	2.67	2.77	1.98	1.75	1.77
	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	-2.36	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
ADK S GLENS___FALLS	29.67	25.54	10.93	7.31	31.55	32.01	33.40	37.34	34.05	30.48	30.47	29.11	29.76	30.45	34.04	35.21	31.93	34.04	36.99	39.58	41.68	31.65	31.00	30.65
24028	1.26	1.20	0.52	0.34	1.30	1.55	1.85	1.75	1.17	0.68	0.69	0.52	0.59	0.76	0.83	0.98	1.22	1.72	2.08	2.42	2.52	1.81	1.63	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	-0.19	-2.46	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
ADK_NYS___DAM	29.57	25.44	10.89	7.27	31.34	31.71	33.10	40.04	33.66	30.16	30.20	28.86	29.46	30.18	33.66	34.46	31.21	33.00	35.98	38.55	40.61	30.85	30.49	30.31
23527	1.16	1.09	0.48	0.30	1.09	1.25	1.31	1.29	0.78	0.36	0.42	0.27	0.30	0.49	0.45	0.23	0.49	0.68	1.08	1.39	1.45	1.02	1.11	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	-5.62	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
AIR_PRODUCTS___DRP	28.78	24.70	10.59	7.07	30.46	30.71	31.43	30.54	32.91	29.75	29.77	28.59	29.23	29.85	33.32	34.30	30.76	32.45	35.14	37.48	39.47	30.03	29.74	29.42
24190	0.36	0.36	0.18	0.10	0.20	0.25	0.29	0.26	0.04	-0.04	-0.02	0.01	0.07	0.16	0.11	0.07	0.05	0.12	0.23	0.32	0.31	0.20	0.36	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.22	2.85	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
AKWESSNE_115KV_BK	28.12	24.02	10.25	6.89	30.22	30.42	31.34	33.21	33.00	29.93	29.98	28.77	29.30	29.76	33.24	34.26	30.86	32.33	34.94	37.20	39.23	29.94	29.35	28.87
355683	-0.29	-0.32	-0.16	-0.08	-0.04	-0.03	-0.02	0.07	0.13	0.14	0.20	0.19	0.13	0.07	0.03	0.03	0.14	0.00	0.04	0.04	0.07	0.11	-0.03	-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_SOLAR	29.32	25.17	10.79	7.21	31.09	31.35	32.12	31.89	33.18	29.95	29.90	28.68	29.28	29.89	33.53	34.54	31.04	33.03	35.80	38.23	40.33	30.68	30.31	29.97
323833	0.91	0.83	0.38	0.24	0.83	0.90	0.92	0.68	0.30	0.15	0.12	0.09	0.12	0.20	0.32	0.32	0.32	0.70	0.89	1.07	1.17	0.85	0.93	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.92	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_2_SOLAR	29.31	25.16	10.78	7.21	31.08	31.35	32.12	31.88	33.17	29.94	29.90	28.66	29.28	29.89	33.52	34.53	31.03	33.01	35.79	38.21	40.32	30.67	30.29	29.95
323834	0.90	0.82	0.38	0.24	0.83	0.89	0.92	0.67	0.30	0.15	0.11	0.08	0.11	0.19	0.31	0.31	0.31	0.68	0.88	1.05	1.16	0.84	0.92	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.15	1.92	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	28.78	24.70	10.59	7.07	30.46	30.71	31.43	30.54	32.91	29.75	29.77	28.59	29.23	29.85	33.32	34.30	30.76	32.45	35.14	37.48	39.47	30.03	29.74	29.42
23571	0.36	0.36	0.18	0.10	0.20	0.25	0.29	0.26	0.04	-0.04	-0.02	0.01	0.07	0.16	0.11	0.07	0.05	0.12	0.23	0.32	0.31	0.20	0.36	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.22	2.85	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___2 23572	28.78 0.36 0.00	24.70 0.36 0.00	10.59 0.18 0.00	7.07 0.10 0.00	30.46 0.20 0.00	30.71 0.25 0.00	31.43 0.29 0.22	30.54 0.26 2.85	32.91 0.04 0.00	29.75 -0.04 0.00	29.77 -0.02 0.00	28.59 0.01 0.00	29.23 0.07 0.00	29.85 0.16 0.00	33.32 0.11 0.00	34.30 0.07 0.00	30.76 0.05 0.00	32.45 0.12 0.00	35.14 0.23 0.00	37.48 0.32 0.00	39.47 0.31 0.00	30.03 0.20 0.00	29.74 0.36 0.00	29.42 0.40 0.00
ALBANY___3 23573	28.78 0.36 0.00	24.70 0.36 0.00	10.59 0.18 0.00	7.07 0.10 0.00	30.46 0.20 0.00	30.71 0.25 0.00	31.43 0.29 0.22	30.54 0.26 2.85	32.91 0.04 0.00	29.75 -0.04 0.00	29.77 -0.02 0.00	28.59 0.01 0.00	29.23 0.07 0.00	29.85 0.16 0.00	33.32 0.11 0.00	34.30 0.07 0.00	30.76 0.05 0.00	32.45 0.12 0.00	35.14 0.23 0.00	37.48 0.32 0.00	39.47 0.31 0.00	30.03 0.20 0.00	29.74 0.36 0.00	29.42 0.40 0.00
ALBANY___4 23574	28.78 0.36 0.00	24.70 0.36 0.00	10.59 0.18 0.00	7.07 0.10 0.00	30.46 0.20 0.00	30.71 0.25 0.00	31.43 0.29 0.22	30.54 0.26 2.85	32.91 0.04 0.00	29.75 -0.04 0.00	29.77 -0.02 0.00	28.59 0.01 0.00	29.23 0.07 0.00	29.85 0.16 0.00	33.32 0.11 0.00	34.30 0.07 0.00	30.76 0.05 0.00	32.45 0.12 0.00	35.14 0.23 0.00	37.48 0.32 0.00	39.47 0.31 0.00	30.03 0.20 0.00	29.74 0.36 0.00	29.42 0.40 0.00
ALBANY___LFGE 323615	29.04 0.63 0.00	24.92 0.58 0.00	10.68 0.27 0.00	7.13 0.16 0.00	30.72 0.47 0.00	30.99 0.53 0.00	31.75 0.60 0.21	31.01 0.57 2.69	33.23 0.36 0.00	30.02 0.22 0.00	30.05 0.26 0.00	28.86 0.27 0.00	29.50 0.34 0.00	30.13 0.44 0.00	33.66 0.45 0.00	34.65 0.42 0.00	31.12 0.40 0.00	32.83 0.51 0.00	35.54 0.63 0.00	37.90 0.74 0.00	39.91 0.75 0.00	30.36 0.53 0.00	30.02 0.64 0.00	29.70 0.68 0.00
ALCOA_PA_115KV_PL-6C 55860	28.12 -0.29 0.00	24.02 -0.32 0.00	10.25 -0.16 0.00	6.89 -0.08 0.00	30.22 -0.03 0.00	30.55 0.09 0.00	31.47 0.11 0.00	33.33 0.19 0.00	33.07 0.19 0.00	29.99 0.20 0.00	30.05 0.26 0.00	28.83 0.25 0.00	29.34 0.18 0.00	29.80 0.11 0.00	33.29 0.07 0.00	34.31 0.09 0.00	30.91 0.20 0.00	32.28 -0.05 0.00	34.91 0.01 0.00	37.19 0.04 0.00	39.25 0.10 0.00	30.06 0.23 0.00	29.35 -0.03 0.00	28.85 -0.16 0.00
ALCOA_RYNLDS___DRP 24188	28.12 -0.29 0.00	24.02 -0.32 0.00	10.25 -0.16 0.00	6.89 -0.08 0.00	30.22 -0.03 0.00	30.55 0.09 0.00	31.47 0.11 0.00	33.33 0.19 0.00	33.07 0.19 0.00	29.99 0.20 0.00	30.05 0.26 0.00	28.83 0.25 0.00	29.34 0.18 0.00	29.80 0.11 0.00	33.29 0.07 0.00	34.31 0.09 0.00	30.91 0.20 0.00	32.28 -0.05 0.00	34.91 0.01 0.00	37.19 0.04 0.00	39.25 0.10 0.00	30.06 0.23 0.00	29.35 -0.03 0.00	28.85 -0.16 0.00
ALCOA___DSASP 323711	28.12 -0.29 0.00	24.02 -0.32 0.00	10.25 -0.16 0.00	6.89 -0.08 0.00	30.22 -0.03 0.00	30.55 0.09 0.00	31.47 0.11 0.00	33.33 0.19 0.00	33.07 0.20 0.00	30.00 0.20 0.00	30.05 0.26 0.00	28.83 0.24 0.00	29.34 0.18 0.00	29.80 0.11 0.00	33.29 0.07 0.00	34.31 0.09 0.00	30.91 0.20 0.00	32.28 -0.05 0.00	34.91 0.01 0.00	37.19 0.03 0.00	39.25 0.10 0.00	30.06 0.22 0.00	29.35 -0.03 0.00	28.86 -0.16 0.00
ALLEGHENY___COGEN 23514	28.61 0.20 0.00	24.47 0.12 0.00	10.43 0.02 0.00	6.99 0.02 0.00	30.21 -0.05 0.00	30.72 0.26 0.00	31.71 0.36 0.00	33.17 0.04 0.00	33.02 0.15 0.00	29.73 -0.07 0.00	29.46 -0.33 0.00	28.04 -0.55 0.00	28.33 -0.83 0.00	28.93 -0.92 -0.15	59.05 -1.00 -26.83	70.76 -1.16 -37.70	38.43 -0.95 -8.66	45.83 -0.70 -14.20	81.63 -0.79 -47.50	88.96 -0.64 -52.44	92.21 -0.48 -53.53	76.92 -0.43 -47.52	73.57 -0.55 -44.74	33.39 -0.60 -4.98
ALTAMONT_115KV_TB 2 55880	29.08 0.67 0.00	24.96 0.62 0.00	10.70 0.29 0.00	7.14 0.17 0.00	30.80 0.54 0.00	31.04 0.59 0.00	31.89 0.64 0.10	32.43 0.61 1.32	33.33 0.45 0.00	30.13 0.33 0.00	30.11 0.32 0.00	28.92 0.34 0.00	29.55 0.39 0.00	30.15 0.46 0.00	33.70 0.49 0.00	34.71 0.48 0.00	31.17 0.45 0.00	32.88 0.55 0.00	35.57 0.66 0.00	37.92 0.76 0.00	39.96 0.80 0.00	30.42 0.58 0.00	30.03 0.65 0.00	29.71 0.69 0.00
ALTONA_WT_PWR 323606	28.21 -0.20 0.00	24.06 -0.28 0.00	10.24 -0.17 0.00	6.84 -0.13 0.00	29.87 -0.38 0.00	30.04 -0.42 0.00	30.94 -0.42 0.00	33.05 -0.08 0.00	33.06 0.18 0.00	30.08 0.28 0.00	30.07 0.29 0.00	28.79 0.20 0.00	29.34 0.17 0.00	29.82 0.13 0.00	33.25 0.04 0.00	34.22 0.00 0.00	30.91 0.20 0.00	32.40 0.07 0.00	35.05 0.15 0.00	37.38 0.22 0.00	39.20 0.04 0.00	29.79 -0.05 0.00	29.14 -0.23 0.00	28.82 -0.20 0.00
AMERICAN_REF_FUEL 24010	26.64 -1.77 0.00	22.78 -1.56 0.00	9.65 -0.76 0.00	6.48 -0.49 0.00	27.97 -2.28 0.00	28.39 -2.07 0.00	29.14 -2.22 0.00	30.14 -2.99 0.00	30.22 -2.66 0.00	27.57 -2.23 0.00	27.65 -2.13 0.00	26.43 -2.15 0.00	26.86 -2.31 0.00	27.03 -2.63 0.04	24.82 -2.43 5.96	23.27 -2.56 8.39	25.86 -2.93 1.92	26.16 -3.01 3.16	20.99 -3.34 10.58	21.58 -3.80 11.78	23.27 -3.86 12.03	16.52 -2.75 10.56	17.02 -2.43 9.93	25.53 -2.38 1.12
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.23 -1.18 0.00	23.50 -0.84 0.00	10.00 -0.41 0.00	6.75 -0.22 0.00	29.20 -1.05 0.00	29.81 -0.65 0.00	30.57 -0.79 0.00	32.06 -1.08 0.00	32.11 -0.76 0.00	29.17 -0.62 0.00	28.90 -0.89 0.00	27.48 -1.11 0.00	27.98 -1.19 0.00	27.90 -1.76 0.03	25.68 -1.79 5.74	23.68 -1.96 8.58	26.76 -1.99 1.98	27.00 -2.11 3.21	21.71 -2.46 10.74	22.68 -2.82 11.66	24.52 -2.74 11.91	17.20 -1.80 10.83	17.28 -1.87 10.22	26.10 -1.78 1.14
ARTHUR KILL_GT_1 23520	30.83 2.42 0.00	26.44 2.09 0.00	11.31 0.91 0.00	7.53 0.56 0.00	32.20 1.95 0.00	32.55 2.09 0.00	33.55 2.20 0.00	35.32 2.19 0.00	35.26 2.39 0.00	32.05 2.26 0.00	31.94 2.15 0.00	30.84 2.25 0.00	31.56 2.39 0.00	33.33 2.46 -1.19	47.62 2.71 -11.70	47.51 2.83 -10.46	47.48 2.26 -14.51	47.48 2.27 -12.89	45.90 2.25 -8.74	67.15 2.29 -27.70	48.42 2.34 -6.92	46.96 1.80 -15.32	41.20 1.82 -10.00	30.95 1.93 0.00
ARTHUR_KILL_2 23512	30.75 2.34 0.00	26.37 2.03 0.00	11.28 0.88 0.00	7.51 0.54 0.00	32.13 1.88 0.00	32.47 2.02 0.00	33.46 2.10 0.00	35.23 2.10 0.00	35.19 2.32 0.00	31.98 2.19 0.00	31.87 2.09 0.00	30.78 2.19 0.00	31.49 2.32 0.00	33.26 2.38 -1.19	47.54 2.63 -11.70	47.43 2.75 -10.46	47.43 2.21 -14.51	47.43 2.22 -12.89	45.82 2.18 -8.74	67.03 2.17 -27.70	48.29 2.21 -6.92	46.86 1.70 -15.32	41.12 1.75 -10.00	30.88 1.86 0.00
ARTHUR_KILL_3 23513	30.27 1.85 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.40 0.43 0.00	31.66 1.41 0.00	31.98 1.53 0.00	33.09 1.73 0.00	35.05 1.92 0.00	35.01 2.13 0.00	31.85 2.05 0.00	31.74 1.95 0.00	30.67 2.08 0.00	31.45 2.29 0.00	32.82 2.34 -0.78	43.57 2.66 -7.70	44.38 2.79 -7.37	46.31 2.29 -13.31	43.98 2.30 -9.35	44.26 2.31 -7.04	67.27 2.41 -27.70	48.55 2.48 -6.92	46.28 1.95 -14.50	38.28 1.93 -6.98	30.99 1.97 0.00

ARTHUR_KILL_COGEN 323718	30.84 2.42 0.00	26.44 2.09 0.00	11.31 0.91 0.00	7.53 0.56 0.00	32.20 1.95 0.00	32.55 2.09 0.00	33.55 2.20 0.00	35.31 2.18 0.00	35.27 2.40 0.00	32.05 2.26 0.00	31.94 2.15 0.00	30.84 2.26 0.00	31.56 2.39 0.00	33.33 2.46 -1.19	47.64 2.73 -11.70	47.53 2.85 -10.46	47.51 2.29 -14.51	47.52 2.30 -12.89	45.92 2.27 -8.74	67.14 2.28 -27.70	48.41 2.33 -6.92	46.94 1.79 -15.32	41.20 1.83 -10.00	30.95 1.93 0.00
ASHOKAN____ 23654	30.22 1.81 0.00	25.89 1.55 0.00	11.08 0.67 0.00	7.39 0.42 0.00	31.78 1.53 0.00	32.09 1.63 0.00	33.09 1.85 0.11	33.86 2.13 1.40	34.75 1.88 0.00	31.50 1.70 0.00	31.30 1.52 0.00	30.06 1.47 0.00	30.81 1.64 0.00	31.48 1.79 0.00	35.32 2.11 0.00	36.41 2.19 0.00	32.70 1.98 0.00	34.59 2.26 0.00	37.36 2.46 0.00	39.86 2.71 0.00	42.03 2.87 0.00	31.95 2.12 0.00	31.41 2.03 0.00	30.99 1.97 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.30 1.89 0.00	26.02 1.68 0.00	11.13 0.72 0.00	7.40 0.43 0.00	31.60 1.35 0.00	31.94 1.48 0.00	33.09 1.73 0.00	35.04 1.91 0.00	35.03 2.16 0.00	31.85 2.05 0.00	31.82 2.04 0.00	30.75 2.17 0.00	31.53 2.36 0.00	32.09 2.40 0.00	35.95 2.74 0.00	37.09 2.87 0.00	33.02 2.30 0.00	34.66 2.33 0.00	37.26 2.35 0.00	39.61 2.46 0.00	41.69 2.53 0.00	31.78 1.94 0.00	31.35 1.97 0.00	31.04 2.03 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.30 1.89 0.00	26.02 1.68 0.00	11.13 0.72 0.00	7.40 0.43 0.00	31.60 1.35 0.00	31.94 1.48 0.00	33.09 1.73 0.00	35.04 1.91 0.00	35.03 2.16 0.00	31.85 2.05 0.00	31.82 2.04 0.00	30.75 2.17 0.00	31.53 2.36 0.00	32.09 2.40 0.00	35.95 2.74 0.00	37.09 2.87 0.00	33.02 2.30 0.00	34.66 2.33 0.00	37.26 2.35 0.00	39.61 2.46 0.00	41.69 2.53 0.00	31.78 1.94 0.00	31.35 1.97 0.00	31.04 2.03 0.00
ASTORIA_GT2_1 24094	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT2_2 24095	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT2_3 24096	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT2_4 24097	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT3_1 24098	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT3_2 24099	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT3_3 24100	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT3_4 24101	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT4_1 24102	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT4_2 24103	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT4_3 24104	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00

ASTORIA_GT4_4 24105	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.11 1.75 0.00	35.06 1.93 0.00	35.03 2.16 0.00	31.86 2.06 0.00	31.84 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.95 2.74 0.00	37.10 2.88 0.00	33.03 2.31 0.00	34.66 2.34 0.00	37.26 2.36 0.00	39.64 2.48 0.00	41.71 2.56 0.00	31.82 1.99 0.00	31.36 1.99 0.00	31.05 2.04 0.00
ASTORIA_GT_1 23523	30.35 1.94 0.00	26.06 1.72 0.00	11.15 0.74 0.00	7.41 0.44 0.00	31.66 1.41 0.00	32.00 1.55 0.00	33.16 1.80 0.00	35.12 1.99 0.00	35.10 2.23 0.00	31.91 2.12 0.00	31.90 2.11 0.00	30.82 2.23 0.00	31.61 2.44 0.00	32.17 2.48 0.00	36.02 2.81 0.00	37.17 2.94 0.00	33.09 2.37 0.00	34.73 2.41 0.00	37.33 2.42 0.00	39.72 2.56 0.00	41.79 2.63 0.00	31.87 2.04 0.00	31.41 2.04 0.00	31.09 2.07 0.00
ASTORIA_GT_10 24110	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.25 0.00	31.98 2.19 0.00	30.90 2.32 0.00	31.68 2.51 0.00	32.25 2.56 0.00	36.05 2.84 0.00	37.20 2.97 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.37 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.89 2.05 0.00	31.41 2.04 0.00	31.11 2.09 0.00
ASTORIA_GT_11 24225	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.25 0.00	31.98 2.19 0.00	30.90 2.32 0.00	31.68 2.51 0.00	32.25 2.56 0.00	36.05 2.84 0.00	37.20 2.97 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.37 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.89 2.05 0.00	31.41 2.04 0.00	31.11 2.09 0.00
ASTORIA_GT_12 24226	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.25 0.00	31.98 2.19 0.00	30.90 2.32 0.00	31.68 2.51 0.00	32.25 2.56 0.00	36.05 2.84 0.00	37.20 2.97 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.37 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.89 2.05 0.00	31.41 2.04 0.00	31.11 2.09 0.00
ASTORIA_GT_13 24227	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.25 0.00	31.98 2.19 0.00	30.90 2.32 0.00	31.68 2.51 0.00	32.25 2.56 0.00	36.05 2.84 0.00	37.20 2.97 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.37 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.89 2.05 0.00	31.41 2.04 0.00	31.11 2.09 0.00
ASTORIA_GT_5 24106	30.35 1.94 0.00	26.06 1.72 0.00	11.15 0.74 0.00	7.41 0.44 0.00	31.66 1.41 0.00	32.00 1.55 0.00	33.16 1.80 0.00	35.12 1.99 0.00	35.10 2.23 0.00	31.91 2.12 0.00	31.90 2.11 0.00	30.82 2.23 0.00	31.61 2.44 0.00	32.17 2.48 0.00	36.02 2.81 0.00	37.17 2.94 0.00	33.09 2.37 0.00	34.73 2.41 0.00	37.33 2.42 0.00	39.72 2.56 0.00	41.79 2.63 0.00	31.87 2.04 0.00	31.41 2.04 0.00	31.09 2.07 0.00
ASTORIA_GT_7 24107	30.35 1.94 0.00	26.06 1.72 0.00	11.15 0.74 0.00	7.41 0.44 0.00	31.66 1.41 0.00	32.00 1.55 0.00	33.16 1.80 0.00	35.12 1.99 0.00	35.10 2.23 0.00	31.91 2.12 0.00	31.90 2.11 0.00	30.82 2.23 0.00	31.61 2.44 0.00	32.17 2.48 0.00	36.02 2.81 0.00	37.17 2.94 0.00	33.09 2.37 0.00	34.73 2.41 0.00	37.33 2.42 0.00	39.72 2.56 0.00	41.79 2.63 0.00	31.87 2.04 0.00	31.41 2.04 0.00	31.09 2.07 0.00
ASTORIA_GT_8 24108	30.35 1.94 0.00	26.06 1.72 0.00	11.15 0.74 0.00	7.41 0.44 0.00	31.66 1.41 0.00	32.00 1.55 0.00	33.16 1.80 0.00	35.12 1.99 0.00	35.10 2.23 0.00	31.91 2.12 0.00	31.90 2.11 0.00	30.82 2.23 0.00	31.61 2.44 0.00	32.17 2.48 0.00	36.02 2.81 0.00	37.17 2.94 0.00	33.09 2.37 0.00	34.73 2.41 0.00	37.33 2.42 0.00	39.72 2.56 0.00	41.79 2.63 0.00	31.87 2.04 0.00	31.41 2.04 0.00	31.09 2.07 0.00
ASTORIA___2 24149	30.31 1.90 0.00	26.02 1.68 0.00	11.13 0.73 0.00	7.40 0.43 0.00	31.62 1.37 0.00	31.96 1.50 0.00	33.10 1.75 0.00	35.06 1.93 0.00	35.04 2.17 0.00	31.86 2.06 0.00	31.85 2.06 0.00	30.77 2.18 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.96 2.75 0.00	37.11 2.88 0.00	33.03 2.31 0.00	34.68 2.35 0.00	37.27 2.37 0.00	39.63 2.47 0.00	41.71 2.55 0.00	31.79 1.96 0.00	31.36 1.99 0.00	31.06 2.04 0.00
ASTORIA___3 23516	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.26 0.00	31.98 2.20 0.00	30.91 2.32 0.00	31.68 2.51 0.00	32.24 2.55 0.00	36.05 2.84 0.00	37.20 2.98 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.38 2.47 0.00	39.72 2.57 0.00	41.77 2.61 0.00	31.86 2.03 0.00	31.41 2.03 0.00	31.10 2.09 0.00
ASTORIA___4 23517	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.25 0.00	31.98 2.19 0.00	30.90 2.32 0.00	31.68 2.51 0.00	32.25 2.56 0.00	36.05 2.84 0.00	37.20 2.97 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.37 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.89 2.05 0.00	31.41 2.04 0.00	31.11 2.09 0.00
ASTORIA___5 23518	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.26 0.00	31.98 2.20 0.00	30.91 2.32 0.00	31.68 2.51 0.00	32.24 2.55 0.00	36.05 2.84 0.00	37.20 2.98 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.38 2.47 0.00	39.72 2.57 0.00	41.77 2.61 0.00	31.86 2.03 0.00	31.41 2.03 0.00	31.10 2.09 0.00
AST_ENERGY_2_CC3 323677	30.34 1.93 0.00	26.04 1.70 0.00	11.15 0.74 0.00	7.43 0.45 0.00	31.74 1.49 0.00	32.06 1.60 0.00	33.16 1.81 0.00	35.11 1.98 0.00	35.07 2.19 0.00	31.90 2.11 0.00	31.81 2.03 0.00	30.76 2.17 0.00	31.53 2.36 0.00	32.09 2.40 0.00	35.91 2.70 0.00	37.04 2.81 0.00	33.03 2.32 0.00	34.65 2.33 0.00	37.23 2.33 0.00	39.58 2.42 0.00	41.62 2.46 0.00	31.78 1.95 0.00	31.32 1.94 0.00	31.02 2.00 0.00
AST_ENERGY_2_CC4 323678	30.34 1.93 0.00	26.04 1.70 0.00	11.15 0.74 0.00	7.43 0.45 0.00	31.74 1.49 0.00	32.06 1.60 0.00	33.16 1.81 0.00	35.11 1.98 0.00	35.07 2.19 0.00	31.90 2.11 0.00	31.81 2.03 0.00	30.76 2.17 0.00	31.53 2.36 0.00	32.09 2.40 0.00	35.91 2.70 0.00	37.04 2.81 0.00	33.03 2.32 0.00	34.65 2.33 0.00	37.23 2.33 0.00	39.58 2.42 0.00	41.62 2.46 0.00	31.78 1.95 0.00	31.32 1.94 0.00	31.02 2.00 0.00

ATHENS_STG_1 23668	29.29 0.88 0.00	25.15 0.81 0.00	10.78 0.37 0.00	7.19 0.22 0.00	30.96 0.70 0.00	31.17 0.71 0.00	32.12 0.77 0.00	33.93 0.80 0.00	33.65 0.78 0.00	30.49 0.69 0.00	30.44 0.66 0.00	29.30 0.72 0.00	29.96 0.79 0.00	30.54 0.85 0.00	34.16 0.95 0.00	35.20 0.98 0.00	31.55 0.83 0.00	33.20 0.87 0.00	35.81 0.90 0.00	38.14 0.98 0.00	40.16 1.00 0.00	30.59 0.76 0.00	30.21 0.83 0.00	29.90 0.88 0.00
ATHENS_STG_2 23670	29.29 0.88 0.00	25.15 0.81 0.00	10.78 0.37 0.00	7.19 0.22 0.00	30.96 0.70 0.00	31.17 0.71 0.00	32.12 0.77 0.00	33.93 0.80 0.00	33.65 0.78 0.00	30.49 0.69 0.00	30.44 0.66 0.00	29.30 0.72 0.00	29.96 0.79 0.00	30.54 0.85 0.00	34.16 0.95 0.00	35.20 0.98 0.00	31.55 0.83 0.00	33.20 0.87 0.00	35.81 0.90 0.00	38.14 0.98 0.00	40.16 1.00 0.00	30.59 0.76 0.00	30.21 0.83 0.00	29.90 0.88 0.00
ATHENS_STG_3 23677	29.29 0.88 0.00	25.15 0.81 0.00	10.78 0.37 0.00	7.19 0.22 0.00	30.96 0.70 0.00	31.17 0.71 0.00	32.12 0.77 0.00	33.93 0.80 0.00	33.65 0.78 0.00	30.49 0.69 0.00	30.44 0.66 0.00	29.30 0.72 0.00	29.96 0.79 0.00	30.54 0.85 0.00	34.16 0.95 0.00	35.20 0.98 0.00	31.55 0.83 0.00	33.20 0.87 0.00	35.81 0.90 0.00	38.14 0.98 0.00	40.16 1.00 0.00	30.59 0.76 0.00	30.21 0.83 0.00	29.90 0.88 0.00
AUBURN____LFGE 323710	28.33 -0.08 0.00	24.36 0.02 0.00	10.38 -0.02 0.00	6.96 -0.01 0.00	30.14 -0.11 0.00	30.44 -0.02 0.00	31.33 -0.02 0.00	32.95 -0.18 0.00	32.68 -0.19 0.00	29.60 -0.19 0.00	29.59 -0.19 0.00	28.21 -0.37 0.00	28.77 -0.40 0.00	29.26 -0.43 0.00	32.79 -0.42 0.00	33.76 -0.46 0.00	30.21 -0.50 0.00	31.87 -0.46 0.00	34.42 -0.49 0.00	36.66 -0.50 0.00	38.73 -0.43 0.00	29.55 -0.28 0.00	28.99 -0.39 0.00	28.81 -0.20 0.00
BABYLON_RES_REC 323704	42.15 2.58 -11.16	36.36 2.25 -9.77	12.08 1.03 -0.65	8.49 0.64 -0.88	32.52 2.27 0.00	32.84 2.39 0.00	33.88 2.52 0.00	35.77 2.64 0.00	35.57 2.70 0.00	33.04 2.35 -0.89	45.76 2.17 -13.81	37.19 2.50 -6.11	36.74 2.69 -4.89	42.36 2.71 -9.95	43.63 3.16 -7.25	46.48 3.25 -9.00	39.61 2.58 -6.32	39.33 2.48 -4.53	40.42 2.42 -3.09	53.60 2.70 -13.75	61.11 2.85 -19.10	35.12 2.20 -3.09	33.65 2.35 -1.92	32.14 2.74 -0.38
BALL_HILL_WT_PWR 323825	27.41 -1.00 0.00	23.55 -0.79 0.00	10.00 -0.40 0.00	6.72 -0.25 0.00	28.99 -1.26 0.00	29.52 -0.94 0.00	30.30 -1.06 0.00	31.62 -1.51 0.00	31.64 -1.23 0.00	28.81 -0.99 0.00	28.74 -1.05 0.00	27.34 -1.24 0.00	27.82 -1.35 0.00	28.02 -1.62 0.05	23.40 -1.69 8.12	20.98 -1.89 11.35	26.11 -2.00 2.61	26.03 -2.04 4.25	18.30 -2.40 14.21	18.99 -2.71 15.46	20.67 -2.71 15.78	13.62 -1.89 14.33	14.04 -1.82 13.52	25.83 -1.69 1.51
BARON_WINDS____WT_PWR 323822	27.67 -0.74 0.00	23.78 -0.56 0.00	10.15 -0.25 0.00	6.81 -0.16 0.00	29.39 -0.86 0.00	29.85 -0.61 0.00	30.63 -0.73 0.00	32.08 -1.06 0.00	32.02 -0.86 0.00	29.03 -0.76 0.00	28.96 -0.83 0.00	27.38 -1.21 0.00	27.75 -1.42 0.00	27.89 -1.54 0.26	-13.08 -1.78 44.51	-30.26 -1.91 62.57	14.53 -1.83 14.35	6.91 -1.91 23.51	-45.99 -2.20 78.69	-51.84 -2.26 86.74	-51.76 -2.33 88.59	-50.89 -1.84 78.89	-46.76 -1.84 74.29	18.93 -1.81 8.27
BARRETT_IC_1 23704	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_10 23701	68.89 2.26 -38.22	43.91 2.05 -17.52	17.87 0.93 -6.53	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	47.76 2.13 -15.85	53.25 2.46 -22.21	51.88 2.74 -19.98	73.12 2.78 -40.65	63.40 3.09 -27.10	74.20 3.22 -36.76	59.14 2.62 -25.81	61.55 2.58 -26.64	60.48 2.60 -22.98	73.28 2.91 -33.22	82.56 3.04 -40.35	36.63 2.23 -4.57	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_11 23702	68.89 2.26 -38.22	43.91 2.05 -17.52	17.87 0.93 -6.53	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	47.76 2.13 -15.85	53.25 2.46 -22.21	51.88 2.74 -19.98	73.12 2.78 -40.65	63.40 3.09 -27.10	74.20 3.22 -36.76	59.14 2.62 -25.81	61.55 2.58 -26.64	60.48 2.60 -22.98	73.28 2.91 -33.22	82.56 3.04 -40.35	36.63 2.23 -4.57	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_12 23703	68.89 2.26 -38.22	43.91 2.05 -17.52	17.87 0.93 -6.53	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	47.76 2.13 -15.85	53.25 2.46 -22.21	51.88 2.74 -19.98	73.12 2.78 -40.65	63.40 3.09 -27.10	74.20 3.22 -36.76	59.14 2.62 -25.81	61.55 2.58 -26.64	60.48 2.60 -22.98	73.28 2.91 -33.22	82.56 3.04 -40.35	36.63 2.23 -4.57	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_2 23705	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_3 23706	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_4 23707	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_5 23708	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38

BARRETT_IC_6 23709	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_7 23710	141.55 2.26 -110.88	65.47 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.57 2.21 0.00	35.42 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.12 -22.77	96.21 2.47 -65.16	91.72 2.73 -59.82	154.13 2.78 -121.67	115.78 3.09 -79.48	147.45 3.21 -110.02	110.57 2.61 -77.24	120.22 2.58 -85.31	121.13 2.61 -83.61	146.77 2.92 -106.69	165.32 3.05 -123.12	43.82 2.24 -11.74	33.59 2.30 -1.92	31.84 2.44 -0.38
BARRETT_IC_8 23711	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT_IC_9 23700	68.89 2.26 -38.22	43.91 2.05 -17.52	17.87 0.93 -6.53	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	47.76 2.13 -15.85	53.25 2.46 -22.21	51.88 2.74 -19.98	73.12 2.78 -40.65	63.40 3.09 -27.10	74.20 3.22 -36.76	59.14 2.62 -25.81	61.55 2.58 -26.64	60.48 2.60 -22.98	73.28 2.91 -33.22	82.56 3.04 -40.35	36.63 2.23 -4.57	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT___1 23545	141.55 2.26 -110.88	65.48 2.05 -39.09	17.88 0.93 -6.54	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	54.68 2.13 -22.77	96.20 2.46 -65.16	91.72 2.74 -59.82	154.14 2.78 -121.67	115.78 3.09 -79.48	147.45 3.22 -110.02	110.57 2.62 -77.24	120.22 2.58 -85.31	121.12 2.60 -83.61	146.76 2.91 -106.69	165.32 3.04 -123.12	43.81 2.23 -11.74	33.59 2.29 -1.92	31.85 2.45 -0.38
BARRETT___2 23546	68.89 2.26 -38.22	43.91 2.05 -17.52	17.87 0.93 -6.53	17.84 0.57 -10.30	32.28 2.03 0.00	32.58 2.12 0.00	33.56 2.21 0.00	35.41 2.28 0.00	35.22 2.35 0.00	32.91 2.26 -0.85	47.76 2.13 -15.85	53.25 2.46 -22.21	51.88 2.74 -19.98	73.12 2.78 -40.65	63.40 3.09 -27.10	74.20 3.22 -36.76	59.14 2.62 -25.81	61.55 2.58 -26.64	60.48 2.60 -22.98	73.28 2.91 -33.22	82.56 3.04 -40.35	36.63 2.23 -4.57	33.59 2.29 -1.92	31.85 2.45 -0.38
BATAVIA___115KV_TB1 55881	27.89 -0.52 0.00	23.83 -0.51 0.00	10.11 -0.29 0.00	6.78 -0.20 0.00	29.29 -0.96 0.00	29.76 -0.69 0.00	30.65 -0.70 0.00	31.90 -1.23 0.00	31.86 -1.01 0.00	29.06 -0.74 0.00	29.09 -0.69 0.00	27.78 -0.80 0.00	28.09 -1.08 0.00	28.40 -1.27 0.02	28.13 -1.07 4.02	27.24 -1.34 5.65	27.84 -1.58 1.29	28.85 -1.36 2.12	26.27 -1.54 7.10	27.50 -1.82 7.84	29.38 -1.77 8.01	21.43 -1.29 7.12	21.48 -1.20 6.70	27.18 -1.10 0.75
BAYONEEC___CTG1 323682	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG10 323750	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG2 323683	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG3 323684	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG4 323685	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG5 323686	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG6 323687	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG7 323688	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00

BAYONEEC___CTG8 323689	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BAYONEEC___CTG9 323749	30.41 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.19 2.06 0.00	35.14 2.26 0.00	31.97 2.18 0.00	31.87 2.08 0.00	30.79 2.21 0.00	31.57 2.40 0.00	32.26 2.45 -0.12	37.15 2.76 -1.18	38.65 2.88 -1.55	38.34 2.36 -5.26	36.89 2.39 -2.17	38.50 2.40 -1.19	43.89 2.50 -4.24	42.77 2.55 -1.06	34.05 2.00 -2.22	32.43 1.98 -1.07	31.06 2.04 0.00
BEACON___LESR 323632	29.22 0.81 0.00	25.06 0.72 0.00	10.73 0.32 0.00	7.17 0.20 0.00	30.96 0.71 0.00	31.24 0.78 0.00	31.92 0.81 0.25	30.78 0.83 3.18	33.47 0.59 0.00	30.22 0.43 0.00	30.26 0.48 0.00	29.03 0.44 0.00	29.76 0.60 0.00	30.43 0.74 0.00	33.95 0.74 0.00	34.95 0.72 0.00	31.39 0.67 0.00	33.14 0.81 0.00	35.92 1.01 0.00	38.29 1.13 0.00	40.32 1.16 0.00	30.63 0.80 0.00	30.24 0.87 0.00	29.95 0.94 0.00
BEAVER RIVER___HYD 24048	28.23 -0.18 0.00	24.07 -0.27 0.00	10.23 -0.17 0.00	6.83 -0.14 0.00	29.97 -0.28 0.00	30.06 -0.40 0.00	31.01 -0.35 0.00	32.83 -0.30 0.00	32.25 -0.62 0.00	29.05 -0.75 0.00	28.89 -0.89 0.00	27.60 -0.98 0.00	27.89 -1.27 0.00	28.08 -1.61 0.00	31.42 -1.79 0.00	32.93 -1.30 0.00	29.85 -0.87 0.00	31.43 -0.89 0.00	34.16 -0.74 0.00	36.57 -0.59 0.00	38.50 -0.66 0.00	29.26 -0.58 0.00	28.58 -0.80 0.00	28.10 -0.92 0.00
BEEBEE_GT_13 23619	27.77 -0.64 0.00	23.77 -0.57 0.00	10.12 -0.29 0.00	6.77 -0.20 0.00	29.27 -0.98 0.00	29.65 -0.81 0.00	30.50 -0.86 0.00	31.93 -1.21 0.00	31.87 -1.01 0.00	28.97 -0.83 0.00	28.99 -0.79 0.00	27.79 -0.79 0.00	28.27 -0.90 0.00	28.65 -1.04 0.00	32.12 -1.09 0.00	32.96 -1.26 0.00	29.47 -1.25 0.00	31.09 -1.23 0.00	33.40 -1.50 0.01	35.40 -1.74 0.02	37.38 -1.75 0.02	28.52 -1.31 0.00	28.10 -1.28 0.00	27.91 -1.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.75 2.34 0.00	26.36 2.02 0.00	11.28 0.87 0.00	7.50 0.53 0.00	32.09 1.84 0.00	32.45 1.99 0.00	33.56 2.20 0.00	35.52 2.39 0.00	35.49 2.62 0.00	32.28 2.49 0.00	32.20 2.42 0.00	31.11 2.53 0.00	31.90 2.74 0.00	33.67 2.79 -1.19	48.01 3.10 -11.70	47.92 3.24 -10.46	47.90 2.68 -14.51	47.94 2.72 -12.89	48.13 2.83 -10.50	82.06 2.89 -42.08	52.55 2.89 -10.50	54.09 2.23 -22.02	42.17 2.20 -10.59	31.26 2.24 0.00
BETHLEHEM___GRP 23843	28.78 0.36 0.00	24.70 0.36 0.00	10.59 0.18 0.00	7.07 0.10 0.00	30.46 0.20 0.00	30.71 0.25 0.00	31.43 0.29 0.22	30.54 0.26 2.85	32.91 0.04 0.00	29.75 -0.04 0.00	29.77 -0.02 0.00	28.59 0.01 0.00	29.23 0.07 0.00	29.85 0.16 0.00	33.32 0.11 0.00	34.30 0.07 0.00	30.76 0.05 0.00	32.45 0.12 0.00	35.14 0.23 0.00	37.48 0.32 0.00	39.47 0.31 0.00	30.03 0.20 0.00	29.74 0.36 0.00	29.42 0.40 0.00
BETHLEHEM___GS1 323560	28.78 0.37 0.00	24.70 0.36 0.00	10.59 0.18 0.00	7.07 0.10 0.00	30.46 0.20 0.00	30.71 0.25 0.00	31.42 0.29 0.22	30.54 0.25 2.85	32.93 0.05 0.00	29.75 -0.05 0.00	29.77 -0.02 0.00	28.59 0.01 0.00	29.23 0.07 0.00	29.85 0.16 0.00	33.32 0.11 0.00	34.29 0.06 0.00	30.76 0.05 0.00	32.45 0.13 0.00	35.14 0.23 0.00	37.47 0.31 0.00	39.46 0.31 0.00	30.03 0.19 0.00	29.73 0.36 0.00	29.43 0.41 0.00
BETHLEHEM___GS2 323561	28.78 0.37 0.00	24.70 0.36 0.00	10.59 0.18 0.00	7.07 0.10 0.00	30.46 0.20 0.00	30.71 0.25 0.00	31.42 0.29 0.22	30.54 0.25 2.85	32.93 0.05 0.00	29.75 -0.05 0.00	29.77 -0.02 0.00	28.59 0.01 0.00	29.23 0.07 0.00	29.85 0.16 0.00	33.32 0.11 0.00	34.29 0.06 0.00	30.76 0.05 0.00	32.45 0.13 0.00	35.14 0.23 0.00	37.47 0.31 0.00	39.46 0.31 0.00	30.03 0.19 0.00	29.73 0.36 0.00	29.43 0.41 0.00
BETHLEHEM___GS3 323562	28.78 0.37 0.00	24.70 0.36 0.00	10.59 0.18 0.00	7.07 0.10 0.00	30.46 0.20 0.00	30.71 0.25 0.00	31.42 0.29 0.22	30.54 0.25 2.85	32.93 0.05 0.00	29.75 -0.05 0.00	29.77 -0.02 0.00	28.59 0.01 0.00	29.23 0.07 0.00	29.85 0.16 0.00	33.32 0.11 0.00	34.29 0.06 0.00	30.76 0.05 0.00	32.45 0.13 0.00	35.14 0.23 0.00	37.47 0.31 0.00	39.46 0.31 0.00	30.03 0.19 0.00	29.73 0.36 0.00	29.43 0.41 0.00
BETHLEHEM___STEEL 23779	27.43 -0.97 0.00	23.51 -0.83 0.00	9.98 -0.43 0.00	6.69 -0.28 0.00	28.86 -1.39 0.00	29.33 -1.13 0.00	30.12 -1.24 0.00	31.34 -1.79 0.00	31.43 -1.44 0.00	28.61 -1.19 0.00	28.62 -1.16 0.00	27.29 -1.29 0.00	27.74 -1.43 0.00	27.95 -1.69 0.05	23.54 -1.77 7.90	21.15 -2.01 11.06	26.07 -2.10 2.55	26.06 -2.12 4.15	18.57 -2.47 13.86	19.22 -2.83 15.11	20.87 -2.86 15.43	13.78 -2.09 13.96	14.25 -1.96 13.17	25.78 -1.77 1.47
BETHLHEM_115KV_TB1 79974	28.85 0.44 0.00	24.76 0.42 0.00	10.61 0.20 0.00	7.08 0.11 0.00	30.53 0.28 0.00	30.78 0.32 0.00	31.52 0.37 0.21	30.83 0.33 2.63	33.01 0.13 0.00	29.84 0.05 0.00	29.86 0.08 0.00	28.68 0.10 0.00	29.32 0.15 0.00	29.93 0.24 0.00	33.42 0.21 0.00	34.40 0.17 0.00	30.86 0.14 0.00	32.55 0.22 0.00	35.24 0.33 0.00	37.57 0.41 0.00	39.57 0.41 0.00	30.12 0.28 0.00	29.80 0.42 0.00	29.48 0.46 0.00
BETHPAGE_CC_5 323564	46.25 2.37 -15.47	37.87 2.08 -11.45	12.28 0.96 -0.91	8.88 0.60 -1.31	32.34 2.09 0.00	32.61 2.15 0.00	33.63 2.28 0.00	35.54 2.41 0.00	35.37 2.50 0.00	33.09 2.35 -0.95	47.05 2.25 -15.02	39.66 2.58 -8.50	38.81 2.78 -6.87	46.48 2.82 -13.97	46.31 3.25 -9.86	50.22 3.36 -12.63	42.32 2.74 -8.87	42.35 2.67 -7.36	41.50 2.62 -3.98	51.72 2.92 -11.64	58.50 3.06 -16.28	34.82 2.30 -2.69	33.72 2.42 -1.92	32.05 2.65 -0.38
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.53 -0.87 0.00	23.58 -0.76 0.00	10.01 -0.39 0.00	6.71 -0.26 0.00	28.95 -1.30 0.00	29.42 -1.03 0.00	30.23 -1.13 0.00	31.48 -1.65 0.00	31.56 -1.32 0.00	28.72 -1.07 0.00	28.73 -1.06 0.00	27.38 -1.20 0.00	27.83 -1.33 0.00	28.06 -1.58 0.04	24.12 -1.64 7.45	21.92 -1.86 10.44	26.34 -1.97 2.40	26.43 -1.98 3.92	19.51 -2.32 13.08	20.23 -2.67 14.25	21.93 -2.67 14.55	14.70 -1.96 13.18	15.11 -1.84 12.43	25.97 -1.66 1.39
BINGHAMTON___COGEN 23790	28.50 0.09 0.00	24.51 0.16 0.00	10.48 0.07 0.00	7.01 0.04 0.00	30.19 -0.07 0.00	30.53 0.07 0.00	31.43 0.08 0.00	33.14 0.01 0.00	32.99 0.11 0.00	29.92 0.13 0.00	29.88 0.10 0.00	28.56 -0.03 0.00	29.16 -0.01 0.00	29.69 0.00 0.00	33.23 0.02 0.00	34.20 -0.03 -0.01	30.53 -0.18 0.00	32.17 -0.16 0.00	34.68 -0.24 -0.02	36.96 -0.25 -0.05	38.98 -0.22 -0.05	29.68 -0.16 0.00	29.22 -0.15 0.00	28.94 -0.08 0.00

BIXINCNT_115KV_LOAD 355685	27.75 -0.65 0.00	23.77 -0.57 0.00	10.12 -0.29 0.00	6.79 -0.18 0.00	29.32 -0.93 0.00	29.86 -0.60 0.00	30.72 -0.63 0.00	32.10 -1.04 0.00	32.17 -0.71 0.00	29.13 -0.66 0.00	28.93 -0.85 0.00	27.34 -1.24 0.00	27.73 -1.44 0.00	28.03 -1.63 0.03	26.52 -1.67 5.03	25.30 -1.86 7.07	27.17 -1.92 1.63	27.92 -1.75 2.65	24.03 -2.03 8.84	25.13 -2.43 9.60	27.01 -2.34 9.80	19.12 -1.80 8.92	19.23 -1.73 8.42	26.59 -1.49 0.94
BLACK RIVER___HYD 24047	28.40 -0.01 0.00	24.16 -0.18 0.00	10.28 -0.13 0.00	6.86 -0.11 0.00	30.07 -0.18 0.00	30.09 -0.37 0.00	31.04 -0.32 0.00	32.84 -0.29 0.00	32.19 -0.68 0.00	28.80 -0.99 0.00	28.65 -1.13 0.00	27.35 -1.23 0.00	27.63 -1.53 0.00	27.78 -1.91 0.00	31.12 -2.09 0.00	32.71 -1.51 0.00	29.67 -1.04 0.00	31.29 -1.04 0.00	34.13 -0.77 0.00	36.73 -0.42 0.00	38.69 -0.47 0.00	29.42 -0.42 0.00	28.73 -0.65 0.00	28.34 -0.68 0.00
BLACKRVR_115KV_TB2 79977	28.40 -0.01 0.00	24.16 -0.18 0.00	10.28 -0.13 0.00	6.86 -0.11 0.00	30.06 -0.19 0.00	30.09 -0.37 0.00	31.04 -0.31 0.00	32.84 -0.29 0.00	32.20 -0.68 0.00	28.80 -0.99 0.00	28.65 -1.13 0.00	27.35 -1.24 0.00	27.63 -1.53 0.00	27.78 -1.91 0.00	31.12 -2.09 0.00	32.71 -1.51 0.00	29.67 -1.04 0.00	31.29 -1.04 0.00	34.13 -0.77 0.00	36.73 -0.42 0.00	38.69 -0.47 0.00	29.41 -0.42 0.00	28.73 -0.65 0.00	28.34 -0.68 0.00
BLDWN_LI_69_KV_BK4 356085	71.85 2.49 -40.95	46.39 2.19 -19.85	13.79 1.00 -2.39	11.25 0.61 -3.67	32.44 2.18 0.00	32.76 2.30 0.00	33.79 2.43 0.00	35.68 2.55 0.00	35.55 2.67 0.00	33.37 2.51 -1.06	51.31 2.42 -19.11	54.55 2.72 -23.25	52.14 2.93 -20.04	73.47 3.02 -40.76	63.79 3.41 -27.18	74.63 3.55 -36.86	59.46 2.86 -25.87	61.89 2.84 -26.72	60.85 2.89 -23.06	73.70 3.22 -33.31	82.99 3.37 -40.47	37.14 2.48 -4.81	33.84 2.54 -1.92	32.04 2.64 -0.38
BLISS_WT_PWR 323608	27.72 -0.69 0.00	23.72 -0.62 0.00	10.10 -0.31 0.00	6.78 -0.19 0.00	29.30 -0.96 0.00	29.84 -0.61 0.00	30.71 -0.65 0.00	32.08 -1.05 0.00	32.11 -0.76 0.00	29.08 -0.71 0.00	28.84 -0.94 0.00	27.20 -1.38 0.00	27.57 -1.59 0.00	27.88 -1.78 0.03	26.37 -1.82 5.03	25.17 -1.98 7.07	27.06 -2.03 1.63	27.84 -1.84 2.65	23.98 -2.09 8.84	25.06 -2.50 9.60	26.95 -2.40 9.80	19.10 -1.82 8.92	19.16 -1.79 8.42	26.49 -1.59 0.94
BLUESTONE___WT_PWR 323821	28.78 0.37 0.00	25.19 0.84 0.00	10.82 0.42 0.00	7.22 0.25 0.00	31.26 1.01 0.00	31.51 1.06 0.00	32.38 1.03 0.00	33.90 0.77 0.00	33.85 0.97 0.00	30.61 0.82 0.00	30.63 0.84 0.00	29.28 0.69 0.00	29.51 0.34 0.00	29.49 -0.20 0.00	33.04 -0.18 0.00	34.48 0.25 0.00	30.32 -0.39 0.00	31.93 -0.40 0.00	34.22 -0.69 -0.01	36.67 -0.52 -0.04	38.77 -0.43 -0.04	29.51 -0.32 0.00	28.81 -0.56 0.00	28.47 -0.55 0.00
BLUE_CIRC_CHEM_DRP 24182	29.12 0.71 0.00	25.00 0.66 0.00	10.71 0.31 0.00	7.16 0.19 0.00	30.88 0.63 0.00	31.14 0.68 0.00	31.90 0.69 0.15	31.81 0.55 1.87	33.11 0.23 0.00	29.88 0.08 0.00	29.86 0.07 0.00	28.65 0.07 0.00	29.26 0.09 0.00	29.85 0.16 0.00	33.42 0.20 0.00	34.41 0.18 0.00	30.91 0.19 0.00	32.75 0.42 0.00	35.47 0.56 0.00	37.85 0.69 0.00	39.90 0.74 0.00	30.37 0.54 0.00	30.02 0.64 0.00	29.69 0.67 0.00
BOC_GAS_DRP 24189	29.00 0.59 0.00	24.90 0.56 0.00	10.67 0.26 0.00	7.12 0.15 0.00	30.71 0.46 0.00	30.95 0.49 0.00	31.77 0.52 0.12	32.17 0.51 1.47	33.26 0.39 0.00	30.09 0.30 0.00	30.09 0.31 0.00	28.90 0.32 0.00	29.54 0.37 0.00	30.14 0.45 0.00	33.68 0.47 0.00	34.67 0.45 0.00	31.10 0.39 0.00	32.79 0.46 0.00	35.45 0.54 0.00	37.78 0.62 0.00	39.79 0.63 0.00	30.30 0.46 0.00	29.93 0.55 0.00	29.62 0.60 0.00
BOONVILLE_115KV_TB1 79983	28.82 0.41 0.00	24.66 0.32 0.00	10.51 0.11 0.00	7.02 0.05 0.00	30.57 0.32 0.00	30.75 0.28 0.00	31.71 0.36 0.00	33.51 0.38 0.00	33.08 0.21 0.00	29.90 0.10 0.00	29.79 0.01 0.00	28.48 -0.11 0.00	28.90 -0.27 0.00	29.30 -0.39 0.00	32.83 -0.39 0.00	34.17 -0.05 0.00	30.83 0.12 0.00	32.52 0.20 0.00	35.23 0.33 0.00	37.54 0.38 0.00	39.50 0.35 0.00	30.02 0.19 0.00	29.45 0.08 0.00	29.02 0.00 0.00
BORALEX_4TH_BRANCH 23824	29.57 1.16 0.00	25.44 1.09 0.00	10.89 0.48 0.00	7.27 0.30 0.00	31.34 1.09 0.00	31.71 1.25 0.00	33.10 1.31 -0.44	40.04 1.29 -5.62	33.66 0.78 0.00	30.16 0.36 0.00	30.20 0.42 0.00	28.86 0.27 0.00	29.46 0.30 0.00	30.18 0.49 0.00	33.66 0.45 0.00	34.46 0.24 0.00	31.21 0.49 0.00	33.01 0.68 0.00	35.98 1.08 0.00	38.55 1.40 0.00	40.61 1.45 0.00	30.85 1.02 0.00	30.49 1.12 0.00	30.30 1.29 0.00
BOWLINE___1 23526	30.04 1.64 0.00	25.79 1.44 0.00	11.03 0.63 0.00	7.35 0.38 0.00	31.51 1.26 0.00	31.81 1.35 0.00	32.86 1.51 0.00	34.79 1.66 0.00	34.69 1.81 0.00	31.50 1.70 0.00	31.44 1.65 0.00	30.32 1.74 0.00	31.08 1.91 0.00	31.67 1.98 0.00	35.47 2.26 0.00	36.60 2.38 0.00	32.65 1.94 0.00	34.30 1.98 0.00	36.88 1.97 0.00	39.23 2.07 0.00	41.30 2.14 0.00	31.47 1.64 0.00	31.02 1.64 0.00	30.70 1.68 0.00
BOWLINE___2 23595	30.04 1.64 0.00	25.79 1.44 0.00	11.03 0.63 0.00	7.35 0.38 0.00	31.51 1.26 0.00	31.81 1.35 0.00	32.86 1.51 0.00	34.79 1.66 0.00	34.69 1.81 0.00	31.50 1.70 0.00	31.44 1.65 0.00	30.32 1.74 0.00	31.08 1.91 0.00	31.67 1.98 0.00	35.47 2.26 0.00	36.60 2.38 0.00	32.65 1.94 0.00	34.30 1.98 0.00	36.88 1.97 0.00	39.24 2.08 0.00	41.30 2.14 0.00	31.47 1.64 0.00	31.02 1.64 0.00	30.70 1.68 0.00
BRADY___115KV_TB2 356060	28.21 -0.20 0.00	24.07 -0.26 0.00	10.27 -0.14 0.00	6.90 -0.07 0.00	30.33 0.08 0.00	30.70 0.23 0.00	31.64 0.29 0.00	33.38 0.25 0.00	32.93 0.06 0.00	29.87 0.08 0.00	29.92 0.14 0.00	28.72 0.13 0.00	29.21 0.04 0.00	29.65 -0.04 0.00	33.11 -0.10 0.00	34.14 -0.08 0.00	30.79 0.07 0.00	32.15 -0.18 0.00	34.86 -0.04 0.00	37.28 0.12 0.00	39.53 0.37 0.00	30.30 0.46 0.00	29.51 0.14 0.00	28.96 -0.06 0.00
BRANSCOMB___SOLAR 323811	29.53 1.13 0.00	25.39 1.05 0.00	10.86 0.46 0.00	7.26 0.28 0.00	31.33 1.08 0.00	31.68 1.22 0.00	33.05 1.37 -0.33	38.56 1.30 -4.13	33.71 0.84 0.00	30.28 0.48 0.00	30.24 0.45 0.00	28.95 0.37 0.00	29.62 0.46 0.00	30.27 0.58 0.00	33.85 0.64 0.00	34.92 0.69 0.00	31.55 0.83 0.00	33.46 1.13 0.00	36.33 1.43 0.00	38.84 1.69 0.00	40.95 1.79 0.00	31.10 1.27 0.00	30.61 1.24 0.00	30.30 1.28 0.00
BRDGHMPT_69_KV_BK1 55812	36.05 2.78 -4.86	33.79 2.31 -7.15	11.81 1.08 -0.34	8.03 0.67 -0.39	33.12 2.87 0.00	33.93 3.47 0.00	35.11 3.75 -0.01	37.05 3.91 -0.01	36.86 3.99 0.00	33.88 3.29 -0.79	44.28 2.77 -11.72	34.35 3.10 -2.67	34.49 3.18 -2.15	37.43 3.36 -4.37	40.92 4.06 -3.65	42.55 4.37 -3.95	37.24 3.75 -2.77	38.24 3.83 -2.09	79.28 4.00 -40.37	162.68 4.31 -121.21	193.09 4.50 -149.43	51.99 3.59 -18.57	34.82 3.52 -1.92	32.93 3.54 -0.38

BRENTWOD_69_KV_W. BRTWOOD 56703	37.21 2.67 -6.13	34.34 2.35 -7.66	11.88 1.07 -0.41	8.14 0.67 -0.50	32.65 2.40 0.00	32.98 2.52 0.00	34.01 2.66 0.00	35.88 2.74 0.00	35.65 2.78 0.00	33.19 2.59 -0.81	44.36 2.47 -12.11	34.86 2.91 -3.37	34.99 3.11 -2.72	38.36 3.14 -5.53	41.28 3.67 -4.40	42.97 3.75 -5.00	37.22 3.00 -3.51	36.78 2.89 -1.57	43.77 2.84 -6.02	67.00 3.17 -26.67	77.54 3.33 -35.05	37.32 2.47 -5.02	33.93 2.64 -1.92	32.21 2.81 -0.38
BRISTLHL_115KV_TB1 79998	27.86 -0.55 0.00	23.87 -0.47 0.00	10.20 -0.21 0.00	6.82 -0.15 0.00	29.53 -0.72 0.00	29.77 -0.69 0.00	30.61 -0.75 0.00	32.25 -0.88 0.00	32.00 -0.88 0.00	28.95 -0.84 0.00	28.94 -0.84 0.00	27.75 -0.83 0.00	28.29 -0.88 0.00	28.80 -0.89 0.00	32.27 -0.94 0.00	33.24 -0.99 0.00	29.81 -0.91 0.00	31.42 -0.91 0.00	33.93 -0.97 0.00	36.14 -1.02 0.00	38.11 -1.05 0.00	29.01 -0.82 0.00	28.58 -0.80 0.00	28.33 -0.69 0.00
BROOKHAVEN___DRP 24191	36.05 2.83 -4.81	33.91 2.44 -7.13	11.85 1.11 -0.33	8.04 0.68 -0.38	32.81 2.56 0.00	33.23 2.77 0.00	34.31 2.95 -0.01	36.19 3.05 -0.01	36.03 3.16 0.00	33.41 2.83 -0.79	44.11 2.62 -11.71	34.29 3.06 -2.65	34.56 3.26 -2.13	37.36 3.33 -4.34	40.77 3.93 -3.63	42.20 4.06 -3.92	36.80 3.33 -2.75	37.68 3.30 -2.05	78.24 3.30 -40.03	161.15 3.66 -120.33	191.44 3.85 -148.44	51.17 2.89 -18.45	34.23 2.93 -1.92	32.46 3.07 -0.38
BROOKLYN_NAVY_YARD 23515	30.37 1.96 0.00	26.08 1.74 0.00	11.17 0.76 0.00	7.43 0.46 0.00	31.79 1.54 0.00	32.12 1.66 0.00	33.23 1.87 0.00	35.19 2.06 0.00	35.13 2.26 0.00	31.94 2.15 0.00	31.81 2.03 0.00	30.75 2.16 0.00	31.51 2.35 0.00	32.09 2.40 0.00	35.91 2.70 0.00	37.05 2.83 0.00	33.02 2.30 0.00	34.65 2.33 0.00	37.23 2.32 0.00	39.58 2.42 0.00	41.62 2.46 0.00	31.75 1.92 0.00	31.30 1.92 0.00	31.00 1.98 0.00
BROOKLYN___ARMY_DRP 323595	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
BROOME_2_LFGE 323671	28.50 0.09 0.00	24.51 0.17 0.00	10.48 0.07 0.00	7.01 0.04 0.00	30.19 -0.07 0.00	30.53 0.07 0.00	31.44 0.08 0.00	33.15 0.02 0.00	32.98 0.11 0.00	29.92 0.12 0.00	29.88 0.10 0.00	28.56 -0.03 0.00	29.16 -0.01 0.00	29.69 0.00 0.00	33.22 0.01 0.00	34.19 -0.04 -0.01	30.53 -0.18 0.00	32.17 -0.16 0.00	34.67 -0.25 -0.02	36.94 -0.27 -0.05	38.98 -0.23 -0.05	29.67 -0.17 0.00	29.21 -0.17 0.00	28.93 -0.09 0.00
BROOME___LFGE 323600	28.50 0.09 0.00	24.51 0.17 0.00	10.48 0.07 0.00	7.01 0.04 0.00	30.19 -0.07 0.00	30.53 0.07 0.00	31.44 0.08 0.00	33.15 0.02 0.00	32.98 0.11 0.00	29.92 0.12 0.00	29.88 0.10 0.00	28.56 -0.03 0.00	29.16 -0.01 0.00	29.69 0.00 0.00	33.22 0.01 0.00	34.19 -0.04 -0.01	30.53 -0.18 0.00	32.17 -0.16 0.00	34.67 -0.25 -0.02	36.94 -0.27 -0.05	38.98 -0.23 -0.05	29.67 -0.17 0.00	29.21 -0.17 0.00	28.93 -0.09 0.00
BROWNFLS_115KV_TB_3_5 80003	27.63 -0.78 0.00	23.57 -0.77 0.00	10.03 -0.37 0.00	6.72 -0.26 0.00	29.50 -0.76 0.00	29.71 -0.75 0.00	30.64 -0.72 0.00	32.44 -0.69 0.00	31.95 -0.93 0.00	28.86 -0.94 0.00	28.80 -0.99 0.00	27.56 -1.02 0.00	27.92 -1.24 0.00	28.21 -1.48 0.00	31.53 -1.68 0.00	32.83 -1.40 0.00	29.70 -1.02 0.00	31.14 -1.19 0.00	33.81 -1.10 0.00	36.16 -0.99 0.00	38.14 -1.02 0.00	29.10 -0.74 0.00	28.36 -1.02 0.00	27.86 -1.16 0.00
BROWNSV1_27_KV_LOAD 356125	30.66 2.25 0.00	26.30 1.96 0.00	11.26 0.85 0.00	7.50 0.52 0.00	32.07 1.82 0.00	32.40 1.95 0.00	33.53 2.18 0.00	35.53 2.40 0.00	35.47 2.60 0.00	32.28 2.48 0.00	32.18 2.39 0.00	31.09 2.51 0.00	31.86 2.70 0.00	32.45 2.76 0.00	36.31 3.10 0.00	37.45 3.23 0.00	33.39 2.67 0.00	35.05 2.72 0.00	37.65 2.75 0.00	40.04 2.88 0.00	42.12 2.96 0.00	32.15 2.31 0.00	31.64 2.27 0.00	31.32 2.30 0.00
BURROWS___LYONSDAL 23803	28.69 0.28 0.00	24.53 0.19 0.00	10.45 0.04 0.00	6.98 0.01 0.00	30.44 0.18 0.00	30.57 0.11 0.00	31.54 0.18 0.00	33.34 0.21 0.00	32.88 0.01 0.00	29.70 -0.09 0.00	29.58 -0.21 0.00	28.27 -0.31 0.00	28.64 -0.52 0.00	28.97 -0.72 0.00	32.44 -0.77 0.00	33.86 -0.36 0.00	30.58 -0.13 0.00	32.26 -0.07 0.00	34.95 0.05 0.00	37.28 0.12 0.00	39.20 0.04 0.00	29.78 -0.05 0.00	29.19 -0.19 0.00	28.72 -0.29 0.00
CAITHNESS_CC_1 323624	35.94 2.76 -4.77	33.84 2.39 -7.11	11.82 1.08 -0.33	8.03 0.67 -0.38	32.74 2.49 0.00	33.14 2.68 0.00	34.20 2.84 -0.01	36.08 2.95 -0.01	35.89 3.02 0.00	33.32 2.74 -0.79	44.03 2.55 -11.70	34.20 2.99 -2.63	34.47 3.19 -2.11	37.25 3.26 -4.31	40.65 3.83 -3.61	42.06 3.95 -3.90	36.69 3.24 -2.74	37.54 3.19 -2.02	77.82 3.19 -39.72	160.23 3.52 -119.56	190.42 3.70 -147.56	50.94 2.76 -18.35	34.12 2.83 -1.92	32.38 2.98 -0.38
CALPINE BETH_PAGE_GT4 24209	50.02 2.30 -19.30	39.40 2.02 -13.04	12.49 0.95 -1.13	9.21 0.59 -1.65	32.31 2.06 0.00	32.53 2.07 0.00	33.56 2.20 0.00	35.47 2.34 0.00	35.30 2.43 0.00	33.13 2.33 -1.01	48.28 2.23 -16.27	41.74 2.55 -10.60	40.46 2.75 -8.55	49.90 2.81 -17.39	48.50 3.22 -12.06	53.29 3.34 -15.72	44.48 2.73 -11.04	44.82 2.67 -9.82	43.88 2.64 -6.33	54.30 2.95 -14.19	61.34 3.08 -19.10	35.13 2.31 -2.98	33.75 2.45 -1.92	32.02 2.62 -0.38
CALPINE_BETH_PAGE_GT_4 323586	50.02 2.30 -19.30	39.40 2.02 -13.04	12.49 0.95 -1.13	9.21 0.59 -1.65	32.32 2.06 0.00	32.53 2.07 0.00	33.56 2.20 0.00	35.47 2.34 0.00	35.31 2.43 0.00	33.13 2.33 -1.01	48.28 2.23 -16.27	41.74 2.55 -10.60	40.46 2.75 -8.55	49.89 2.81 -17.39	48.51 3.23 -12.06	53.30 3.35 -15.72	44.48 2.73 -11.04	44.82 2.67 -9.82	43.88 2.64 -6.33	54.30 2.95 -14.19	61.34 3.07 -19.10	35.11 2.29 -2.98	33.74 2.45 -1.92	32.02 2.63 -0.38
CALPINE_BP_GT1 23823	50.02 2.30 -19.30	39.40 2.02 -13.04	12.49 0.95 -1.13	9.21 0.59 -1.65	32.32 2.06 0.00	32.53 2.07 0.00	33.56 2.20 0.00	35.47 2.34 0.00	35.31 2.43 0.00	33.13 2.33 -1.01	48.28 2.23 -16.27	41.74 2.55 -10.60	40.46 2.75 -8.55	49.89 2.81 -17.39	48.51 3.23 -12.06	53.30 3.35 -15.72	44.48 2.73 -11.04	44.82 2.67 -9.82	43.88 2.64 -6.33	54.30 2.95 -14.19	61.34 3.07 -19.10	35.11 2.29 -2.98	33.74 2.45 -1.92	32.02 2.63 -0.38
CALSPAN___DRP 24200	27.43 -0.97 0.00	23.51 -0.83 0.00	9.98 -0.43 0.00	6.69 -0.28 0.00	28.86 -1.39 0.00	29.33 -1.13 0.00	30.12 -1.24 0.00	31.34 -1.79 0.00	31.43 -1.44 0.00	28.61 -1.19 0.00	28.62 -1.16 0.00	27.29 -1.29 0.00	27.74 -1.43 0.00	27.95 -1.69 0.05	23.54 -1.77 7.90	21.15 -2.01 11.06	26.07 -2.10 2.55	26.06 -2.12 4.15	18.57 -2.47 13.86	19.22 -2.83 15.11	20.87 -2.86 15.43	13.78 -2.09 13.96	14.25 -1.96 13.17	25.78 -1.77 1.47

CALVERTON___SOLAR 323806	36.14 2.90 -4.83	33.96 2.49 -7.13	11.87 1.13 -0.33	8.05 0.69 -0.38	32.88 2.63 0.00	33.34 2.88 0.00	34.42 3.06 -0.01	36.31 3.17 -0.01	36.18 3.30 0.00	33.51 2.93 -0.79	44.19 2.69 -11.71	34.34 3.10 -2.66	34.60 3.30 -2.13	37.42 3.38 -4.35	40.86 4.01 -3.63	42.31 4.15 -3.93	36.88 3.41 -2.76	37.79 3.41 -2.06	78.49 3.44 -40.15	161.58 3.77 -120.65	191.93 3.97 -148.80	51.31 2.99 -18.49	34.33 3.03 -1.92	32.55 3.16 -0.38
CANDIGU_WT_PWR 323617	27.67 -0.74 0.00	23.78 -0.56 0.00	10.15 -0.25 0.00	6.81 -0.16 0.00	29.39 -0.86 0.00	29.85 -0.61 0.00	30.63 -0.73 0.00	32.08 -1.06 0.00	32.02 -0.86 0.00	29.03 -0.76 0.00	28.96 -0.83 0.00	27.38 -1.21 0.00	27.75 -1.42 0.00	27.89 -1.54 0.26	-13.08 -1.78 44.51	-30.26 -1.91 62.57	14.53 -1.83 14.35	6.91 -1.91 23.51	-45.99 -2.20 78.69	-51.84 -2.26 86.74	-51.76 -2.33 88.59	-50.89 -1.84 78.89	-46.76 -1.84 74.29	18.93 -1.81 8.27
CARR STREET_E_SYR 24060	28.17 -0.24 0.00	24.15 -0.19 0.00	10.32 -0.09 0.00	6.91 -0.07 0.00	29.85 -0.40 0.00	30.12 -0.34 0.00	30.99 -0.37 0.00	32.64 -0.49 0.00	32.40 -0.48 0.00	29.39 -0.40 0.00	29.37 -0.42 0.00	28.15 -0.43 0.00	28.72 -0.45 0.00	29.24 -0.45 0.00	32.75 -0.47 0.00	33.71 -0.52 0.00	30.19 -0.53 0.00	31.80 -0.53 0.00	34.32 -0.58 0.00	36.54 -0.62 0.00	38.52 -0.64 0.00	29.34 -0.50 0.00	28.89 -0.48 0.00	28.64 -0.38 0.00
CARTHAGE___PAPER 23857	28.49 0.08 0.00	24.27 -0.07 0.00	10.32 -0.09 0.00	6.89 -0.08 0.00	30.22 -0.03 0.00	30.29 -0.16 0.00	31.25 -0.10 0.00	33.08 -0.06 0.00	32.44 -0.44 0.00	29.09 -0.70 0.00	28.91 -0.87 0.00	27.60 -0.98 0.00	27.88 -1.29 0.00	28.05 -1.64 0.00	31.40 -1.81 0.00	32.93 -1.29 0.00	29.91 -0.81 0.00	31.54 -0.79 0.00	34.36 -0.54 0.00	36.90 -0.26 0.00	38.86 -0.30 0.00	29.54 -0.29 0.00	28.84 -0.54 0.00	28.39 -0.63 0.00
CASSADAGA_WT_PWR 323784	27.41 -1.00 0.00	23.67 -0.67 0.00	10.06 -0.34 0.00	6.79 -0.18 0.00	29.37 -0.88 0.00	30.00 -0.46 0.00	30.88 -0.47 0.00	32.38 -0.75 0.00	32.40 -0.48 0.00	29.42 -0.38 0.00	29.14 -0.65 0.00	27.63 -0.95 0.00	28.13 -1.03 0.00	28.04 -1.62 0.03	26.28 -1.54 5.39	24.50 -1.71 8.01	27.08 -1.79 1.85	27.40 -1.93 3.00	22.61 -2.27 10.02	23.71 -2.58 10.88	25.62 -2.43 11.11	18.15 -1.57 10.11	18.11 -1.72 9.55	26.35 -1.60 1.07
CE_DUNWOOD___DRP 24194	30.25 1.84 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.40 0.43 0.00	31.72 1.47 0.00	32.02 1.56 0.00	33.09 1.74 0.00	35.04 1.91 0.00	34.92 2.05 0.00	31.74 1.94 0.00	31.66 1.88 0.00	30.57 1.99 0.00	31.32 2.15 0.00	31.91 2.22 0.00	35.72 2.51 0.00	36.84 2.62 0.00	32.87 2.15 0.00	34.51 2.19 0.00	37.11 2.20 0.00	39.47 2.32 0.00	41.54 2.38 0.00	31.68 1.85 0.00	31.20 1.83 0.00	30.89 1.87 0.00
CE_MILLWOOD___DRP 24193	30.19 1.78 0.00	25.91 1.57 0.00	11.09 0.69 0.00	7.39 0.42 0.00	31.66 1.41 0.00	31.96 1.50 0.00	33.03 1.67 0.00	34.96 1.83 0.00	34.83 1.96 0.00	31.66 1.86 0.00	31.58 1.80 0.00	30.49 1.90 0.00	31.23 2.06 0.00	31.82 2.13 0.00	35.62 2.41 0.00	36.74 2.52 0.00	32.79 2.07 0.00	34.44 2.12 0.00	37.03 2.12 0.00	39.39 2.23 0.00	41.46 2.30 0.00	31.61 1.78 0.00	31.14 1.77 0.00	30.83 1.81 0.00
CE_NYC2_DRP 24202	30.51 2.09 0.00	26.16 1.82 0.00	11.20 0.79 0.00	7.46 0.49 0.00	31.88 1.63 0.00	32.22 1.77 0.00	33.33 1.97 0.00	35.27 2.14 0.00	35.25 2.37 0.00	32.07 2.28 0.00	32.00 2.21 0.00	30.92 2.34 0.00	31.69 2.52 0.00	32.26 2.57 0.00	36.07 2.86 0.00	37.23 3.00 0.00	33.20 2.48 0.00	34.83 2.50 0.00	37.40 2.50 0.00	39.76 2.60 0.00	41.81 2.65 0.00	31.90 2.07 0.00	31.42 2.05 0.00	31.12 2.10 0.00
CE_NYC_DRP 24195	30.44 2.03 0.00	26.12 1.78 0.00	11.18 0.78 0.00	7.45 0.48 0.00	31.86 1.61 0.00	32.19 1.74 0.00	33.30 1.94 0.00	35.25 2.12 0.00	35.20 2.33 0.00	32.03 2.23 0.00	31.92 2.13 0.00	30.84 2.26 0.00	31.62 2.45 0.00	32.19 2.50 0.00	36.02 2.81 0.00	37.28 2.93 -0.13	34.12 2.41 -0.99	34.99 2.44 -0.23	37.39 2.45 -0.03	39.72 2.56 0.00	41.78 2.62 0.00	31.88 2.05 0.00	31.39 2.02 0.00	31.09 2.08 0.00
CHAFFEE___LFGE 323603	27.60 -0.81 0.00	23.65 -0.69 0.00	10.04 -0.37 0.00	6.73 -0.24 0.00	29.01 -1.24 0.00	29.49 -0.97 0.00	30.30 -1.06 0.00	31.57 -1.56 0.00	31.61 -1.26 0.00	28.80 -1.00 0.00	28.81 -0.97 0.00	27.47 -1.11 0.00	27.94 -1.23 0.00	28.18 -1.47 0.04	25.26 -1.50 6.45	23.48 -1.69 9.05	26.77 -1.86 2.08	27.08 -1.86 3.39	21.40 -2.18 11.33	22.36 -2.47 12.33	24.11 -2.46 12.59	16.67 -1.75 11.42	16.93 -1.68 10.77	26.26 -1.55 1.20
CHATEAUG_35_KV_LOAD 355732	28.03 -0.38 0.00	23.91 -0.44 0.00	10.17 -0.24 0.00	6.81 -0.16 0.00	29.78 -0.48 0.00	29.90 -0.56 0.00	30.79 -0.56 0.00	32.92 -0.21 0.00	32.93 0.05 0.00	29.93 0.13 0.00	29.94 0.16 0.00	28.68 0.09 0.00	29.22 0.06 0.00	29.68 -0.02 0.00	33.13 -0.08 0.00	34.12 -0.11 0.00	30.77 0.05 0.00	32.23 -0.10 0.00	34.87 -0.04 0.00	37.21 0.05 0.00	39.13 -0.02 0.00	29.76 -0.07 0.00	29.10 -0.28 0.00	28.76 -0.26 0.00
CHATEAUG_WT_PWR 323614	28.06 -0.35 0.00	23.94 -0.40 0.00	10.19 -0.22 0.00	6.82 -0.15 0.00	29.77 -0.48 0.00	29.91 -0.55 0.00	30.79 -0.56 0.00	32.92 -0.21 0.00	32.96 0.08 0.00	29.97 0.17 0.00	29.97 0.18 0.00	28.71 0.12 0.00	29.25 0.08 0.00	29.71 0.02 0.00	33.15 -0.06 0.00	34.15 -0.08 0.00	30.80 0.08 0.00	32.27 -0.06 0.00	34.91 0.01 0.00	37.21 0.05 0.00	39.09 -0.06 0.00	29.71 -0.12 0.00	29.06 -0.31 0.00	28.73 -0.29 0.00
CHAT_HIGH_FALL_HYD 323578	28.03 -0.38 0.00	23.91 -0.44 0.00	10.17 -0.24 0.00	6.81 -0.16 0.00	29.78 -0.48 0.00	29.90 -0.56 0.00	30.79 -0.56 0.00	32.92 -0.21 0.00	32.93 0.05 0.00	29.93 0.13 0.00	29.94 0.16 0.00	28.68 0.09 0.00	29.22 0.06 0.00	29.68 -0.02 0.00	33.13 -0.08 0.00	34.12 -0.11 0.00	30.77 0.05 0.00	32.23 -0.10 0.00	34.87 -0.04 0.00	37.21 0.05 0.00	39.13 -0.02 0.00	29.76 -0.07 0.00	29.10 -0.28 0.00	28.76 -0.26 0.00
CHAUTAUQUA___LFGE 323629	27.47 -0.94 0.00	23.67 -0.68 0.00	10.06 -0.35 0.00	6.77 -0.20 0.00	29.21 -1.04 0.00	29.79 -0.67 0.00	30.58 -0.78 0.00	31.99 -1.14 0.00	32.01 -0.86 0.00	29.12 -0.68 0.00	28.97 -0.82 0.00	27.54 -1.05 0.00	28.04 -1.12 0.00	28.18 -1.47 0.04	24.66 -1.52 7.04	22.62 -1.73 9.87	26.64 -1.81 2.27	26.75 -1.88 3.70	20.32 -2.24 12.35	21.19 -2.54 13.43	22.95 -2.49 13.71	15.70 -1.68 12.45	15.94 -1.69 11.75	26.15 -1.56 1.31
CHERRYST_13_KV_LD 356241	30.52 2.11 0.00	26.19 1.85 0.00	11.21 0.81 0.00	7.47 0.50 0.00	31.94 1.69 0.00	32.28 1.83 0.00	33.40 2.04 0.00	35.38 2.25 0.00	35.32 2.45 0.00	32.15 2.35 0.00	32.04 2.25 0.00	30.96 2.38 0.00	31.74 2.57 0.00	32.32 2.63 0.00	36.16 2.95 0.00	37.29 3.07 0.00	33.25 2.53 0.00	34.89 2.56 0.00	37.48 2.57 0.00	39.84 2.68 0.00	41.90 2.74 0.00	31.97 2.13 0.00	31.47 2.10 0.00	31.17 2.16 0.00

CHESTROR_138KV_BK263 355645	29.92 1.52 0.00	25.68 1.34 0.00	10.99 0.58 0.00	7.32 0.35 0.00	31.43 1.18 0.00	31.73 1.27 0.00	32.77 1.41 0.00	34.67 1.54 0.00	34.52 1.65 0.00	31.34 1.54 0.00	31.27 1.49 0.00	30.15 1.57 0.00	30.86 1.70 0.00	31.47 1.78 0.00	35.24 2.03 0.00	36.35 2.13 0.00	32.48 1.76 0.00	34.15 1.82 0.00	36.74 1.84 0.00	39.10 1.94 0.00	41.16 2.01 0.00	31.36 1.52 0.00	30.89 1.51 0.00	30.54 1.52 0.00
CH_MIDHUDSON___DRP 24192	30.15 1.74 0.00	25.87 1.53 0.00	11.08 0.67 0.00	7.38 0.41 0.00	31.67 1.41 0.00	31.95 1.49 0.00	33.01 1.65 0.00	34.92 1.79 0.00	34.75 1.88 0.00	31.53 1.73 0.00	31.46 1.67 0.00	30.35 1.77 0.00	31.08 1.92 0.00	31.70 2.01 0.00	35.48 2.27 0.00	36.58 2.36 0.00	32.69 1.98 0.00	34.37 2.04 0.00	36.99 2.09 0.00	39.37 2.22 0.00	41.45 2.29 0.00	31.57 1.74 0.00	31.10 1.72 0.00	30.76 1.74 0.00
CH_MISC_IPPS 23765	30.31 1.90 0.00	26.00 1.66 0.00	11.13 0.72 0.00	7.41 0.44 0.00	31.81 1.56 0.00	32.11 1.65 0.00	33.18 1.83 0.00	35.11 1.98 0.00	34.96 2.09 0.00	31.72 1.93 0.00	31.66 1.88 0.00	30.54 1.96 0.00	31.29 2.12 0.00	31.91 2.22 0.00	35.73 2.52 0.00	36.86 2.64 0.00	32.94 2.22 0.00	34.63 2.30 0.00	37.25 2.35 0.00	39.65 2.50 0.00	41.73 2.57 0.00	31.78 1.94 0.00	31.29 1.91 0.00	30.93 1.91 0.00
CH_RES_BVR_FALLS 23983	28.23 -0.19 0.00	24.16 -0.18 0.00	10.32 -0.09 0.00	6.90 -0.07 0.00	30.09 -0.16 0.00	30.00 -0.46 0.00	30.89 -0.47 0.00	32.79 -0.34 0.00	32.75 -0.13 0.00	29.73 -0.07 0.00	29.69 -0.09 0.00	28.38 -0.20 0.00	28.89 -0.28 0.00	29.32 -0.37 0.00	32.80 -0.41 0.00	33.92 -0.30 0.00	30.53 -0.18 0.00	32.04 -0.28 0.00	34.56 -0.35 0.00	36.64 -0.51 0.00	38.57 -0.59 0.00	29.46 -0.38 0.00	28.97 -0.40 0.00	28.51 -0.51 0.00
CH_RES_NIAGARA 23895	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.25 0.00	30.17 -2.96 0.00	30.23 -2.65 0.00	27.54 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.00 -2.65 0.04	24.20 -2.78 6.23	22.49 -3.02 8.71	25.67 -3.04 2.01	25.91 -3.16 3.26	20.48 -3.55 10.88	21.38 -4.03 11.75	23.00 -4.17 12.00	15.82 -3.01 11.00	16.17 -2.82 10.40	25.34 -2.53 1.16
CH_RES_SYRACUSE 23985	28.24 -0.18 0.00	24.21 -0.13 0.00	10.34 -0.06 0.00	6.92 -0.05 0.00	29.95 -0.30 0.00	30.21 -0.24 0.00	31.07 -0.28 0.00	32.73 -0.40 0.00	32.46 -0.41 0.00	29.44 -0.36 0.00	29.41 -0.37 0.00	28.18 -0.41 0.00	28.75 -0.42 0.00	29.26 -0.43 0.00	32.78 -0.43 0.00	33.74 -0.48 0.00	30.24 -0.48 0.00	31.86 -0.47 0.00	34.40 -0.50 0.00	36.63 -0.52 0.00	38.63 -0.53 0.00	29.43 -0.41 0.00	28.96 -0.42 0.00	28.72 -0.30 0.00
CLINTON_WT_PWR 323605	28.06 -0.35 0.00	23.94 -0.40 0.00	10.19 -0.22 0.00	6.82 -0.15 0.00	29.77 -0.48 0.00	29.91 -0.55 0.00	30.79 -0.56 0.00	32.92 -0.21 0.00	32.96 0.08 0.00	29.97 0.17 0.00	29.97 0.18 0.00	28.71 0.12 0.00	29.25 0.08 0.00	29.71 0.02 0.00	33.15 -0.06 0.00	34.15 -0.08 0.00	30.80 0.08 0.00	32.27 -0.06 0.00	34.91 0.01 0.00	37.21 0.05 0.00	39.09 -0.06 0.00	29.71 -0.12 0.00	29.06 -0.31 0.00	28.73 -0.29 0.00
CLINTON___LFGE 323618	28.30 -0.11 0.00	24.12 -0.22 0.00	10.26 -0.14 0.00	6.87 -0.11 0.00	29.95 -0.30 0.00	30.17 -0.29 0.00	31.08 -0.27 0.00	33.19 0.06 0.00	33.13 0.26 0.00	30.14 0.34 0.00	30.14 0.36 0.00	28.86 0.27 0.00	29.40 0.23 0.00	29.89 0.20 0.00	33.32 0.11 0.00	34.29 0.07 0.00	30.98 0.27 0.00	32.50 0.17 0.00	35.18 0.28 0.00	37.58 0.42 0.00	39.43 0.27 0.00	29.96 0.13 0.00	29.31 -0.07 0.00	28.95 -0.07 0.00
COBBLENY_34_KV_TB1 80064	27.60 -0.81 0.00	23.65 -0.69 0.00	10.04 -0.37 0.00	6.73 -0.24 0.00	29.01 -1.24 0.00	29.49 -0.97 0.00	30.30 -1.06 0.00	31.56 -1.57 0.00	31.65 -1.23 0.00	28.80 -1.00 0.00	28.81 -0.97 0.00	27.47 -1.11 0.00	27.93 -1.23 0.00	28.17 -1.48 0.04	25.23 -1.54 6.45	23.43 -1.74 9.05	26.76 -1.88 2.08	27.06 -1.88 3.39	21.37 -2.21 11.33	22.31 -2.53 12.33	24.04 -2.53 12.59	16.56 -1.85 11.42	16.87 -1.73 10.77	26.25 -1.57 1.20
COFFEEN___115KV_TB3 355620	28.49 0.08 0.00	24.24 -0.10 0.00	10.31 -0.10 0.00	6.89 -0.08 0.00	30.15 -0.10 0.00	30.20 -0.26 0.00	31.17 -0.18 0.00	32.94 -0.19 0.00	32.25 -0.62 0.00	28.75 -1.05 0.00	28.60 -1.19 0.00	27.30 -1.28 0.00	27.60 -1.57 0.00	27.76 -1.94 0.00	31.10 -2.11 0.00	32.68 -1.55 0.00	29.63 -1.09 0.00	31.28 -1.04 0.00	34.21 -0.69 0.00	36.89 -0.27 0.00	38.90 -0.26 0.00	29.56 -0.27 0.00	28.88 -0.50 0.00	28.48 -0.54 0.00
COLDSPRG_115KV_BK1 355956	28.11 -0.29 0.00	24.22 -0.12 0.00	10.30 -0.10 0.00	6.93 -0.04 0.00	29.89 -0.36 0.00	30.47 0.01 0.00	31.40 0.05 0.00	32.97 -0.16 0.00	33.05 0.17 0.00	30.01 0.22 0.00	29.84 0.05 0.00	28.30 -0.29 0.00	28.79 -0.37 0.00	28.99 -0.68 0.02	29.17 -0.54 3.50	28.40 -0.74 5.09	28.52 -1.02 1.17	29.40 -1.03 1.90	27.24 -1.32 6.35	28.76 -1.55 6.85	30.77 -1.40 6.99	22.49 -0.92 6.42	22.35 -0.96 6.07	27.51 -0.83 0.68
COLONIE_LFGE___ 323577	29.27 0.87 0.00	25.15 0.81 0.00	10.77 0.36 0.00	7.19 0.22 0.00	31.02 0.77 0.00	31.33 0.88 0.00	32.86 0.96 -0.54	40.95 0.93 -6.89	33.46 0.59 0.00	30.12 0.33 0.00	30.12 0.34 0.00	28.87 0.28 0.00	29.49 0.32 0.00	30.15 0.46 0.00	33.68 0.47 0.00	34.62 0.40 0.00	31.22 0.51 0.00	32.99 0.66 0.00	35.81 0.91 0.00	38.26 1.10 0.00	40.31 1.15 0.00	30.64 0.81 0.00	30.24 0.86 0.00	29.96 0.95 0.00
COOPERNY_115KV_TB1 80082	29.54 1.13 0.00	25.34 1.00 0.00	10.84 0.44 0.00	7.24 0.27 0.00	31.13 0.88 0.00	31.41 0.96 0.00	32.40 1.05 0.00	34.26 1.13 0.00	34.09 1.22 0.00	30.93 1.13 0.00	30.89 1.10 0.00	29.72 1.14 0.00	30.41 1.24 0.00	30.99 1.30 0.00	34.69 1.48 0.00	35.77 1.55 0.00	31.99 1.27 0.00	33.64 1.31 0.00	36.24 1.33 0.00	38.56 1.40 0.00	40.60 1.45 0.00	30.93 1.10 0.00	30.46 1.09 0.00	30.11 1.09 0.00
COPENHAGEN_WT_PWR 323753	28.32 -0.09 0.00	24.09 -0.25 0.00	10.25 -0.16 0.00	6.84 -0.14 0.00	29.97 -0.28 0.00	29.91 -0.55 0.00	30.84 -0.51 0.00	32.70 -0.43 0.00	32.10 -0.77 0.00	28.80 -1.00 0.00	28.66 -1.12 0.00	27.36 -1.23 0.00	27.63 -1.54 0.00	27.71 -1.98 0.00	31.02 -2.19 0.00	32.64 -1.58 0.00	29.61 -1.11 0.00	31.14 -1.18 0.00	33.92 -0.98 0.00	36.46 -0.70 0.00	38.34 -0.82 0.00	29.16 -0.68 0.00	28.48 -0.90 0.00	28.14 -0.88 0.00
CORNELL_____ 23752	28.84 0.43 0.00	24.77 0.43 0.00	10.58 0.18 0.00	7.08 0.11 0.00	30.55 0.30 0.00	30.90 0.44 0.00	31.83 0.48 0.00	33.50 0.37 0.00	33.24 0.37 0.00	30.12 0.33 0.00	30.07 0.28 0.00	28.70 0.12 0.00	29.23 0.06 0.00	29.79 0.08 -0.02	36.15 0.17 -2.77	38.28 0.18 -3.87	31.62 0.00 -0.90	33.91 0.10 -1.48	40.01 0.17 -4.94	42.88 0.25 -5.47	45.06 0.34 -5.56	34.92 0.21 -4.87	34.10 0.14 -4.58	29.72 0.19 -0.51

CORONA__69_KV_TB1 355595	109.55 2.51 -78.63	60.38 2.20 -33.83	15.58 0.99 -4.19	14.12 0.61 -6.54	32.44 2.18 0.00	32.76 2.30 0.00	33.79 2.43 0.00	35.69 2.57 0.00	35.55 2.67 0.00	33.79 2.54 -1.45	60.44 2.44 -28.22	75.77 2.72 -44.46	70.15 2.94 -38.04	110.09 3.02 -77.38	87.44 3.38 -50.86	107.72 3.52 -69.97	82.71 2.87 -49.13	88.42 2.86 -53.24	88.30 2.92 -50.47	106.93 3.24 -66.53	120.42 3.39 -77.88	40.88 2.50 -8.54	33.82 2.52 -1.92	32.01 2.61 -0.38
CORTLAND__115KV_TB3 80093	28.67 0.26 0.00	24.61 0.27 0.00	10.52 0.11 0.00	7.03 0.06 0.00	30.37 0.11 0.00	30.68 0.23 0.00	31.61 0.25 0.00	33.30 0.17 0.00	33.05 0.18 0.00	29.95 0.16 0.00	29.90 0.12 0.00	28.60 0.02 0.00	29.17 0.00 0.00	29.71 0.03 0.00	33.31 0.10 0.00	34.34 0.11 0.00	30.71 0.00 0.00	32.38 0.05 0.00	34.99 0.07 -0.01	37.28 0.10 -0.02	39.33 0.15 -0.02	29.92 0.09 0.00	29.43 0.06 0.00	29.13 0.11 0.00
COXSACKIE__GT 23611	29.77 1.36 0.00	25.53 1.19 0.00	10.93 0.52 0.00	7.30 0.33 0.00	31.51 1.26 0.00	31.83 1.37 0.00	32.76 1.55 0.15	32.70 1.45 1.88	33.95 1.07 0.00	30.72 0.92 0.00	30.56 0.77 0.00	29.19 0.61 0.00	29.81 0.64 0.00	30.45 0.76 0.00	34.34 1.13 0.00	35.34 1.12 0.00	31.88 1.16 0.00	34.06 1.73 0.00	36.97 2.07 0.00	39.51 2.35 0.00	41.75 2.59 0.00	31.69 1.85 0.00	31.19 1.82 0.00	30.73 1.71 0.00
CPV_VALLEY__CC1 323721	29.79 1.38 0.00	25.57 1.23 0.00	10.94 0.53 0.00	7.30 0.33 0.00	31.33 1.08 0.00	31.62 1.16 0.00	32.64 1.29 0.00	34.52 1.39 0.00	34.38 1.51 0.00	31.21 1.41 0.00	31.15 1.37 0.00	30.01 1.43 0.00	30.73 1.56 0.00	31.32 1.63 0.00	35.06 1.85 0.00	36.17 1.95 0.00	32.31 1.60 0.00	33.97 1.65 0.00	36.55 1.65 0.00	38.89 1.73 0.00	40.94 1.78 0.00	31.18 1.35 0.00	30.72 1.34 0.00	30.37 1.35 0.00
CPV_VALLEY__CC2 323722	29.79 1.38 0.00	25.57 1.23 0.00	10.94 0.53 0.00	7.30 0.33 0.00	31.33 1.08 0.00	31.62 1.16 0.00	32.64 1.29 0.00	34.52 1.39 0.00	34.38 1.51 0.00	31.21 1.41 0.00	31.15 1.37 0.00	30.01 1.43 0.00	30.73 1.56 0.00	31.32 1.63 0.00	35.06 1.85 0.00	36.17 1.95 0.00	32.31 1.60 0.00	33.97 1.65 0.00	36.55 1.65 0.00	38.89 1.73 0.00	40.94 1.78 0.00	31.18 1.35 0.00	30.72 1.34 0.00	30.37 1.35 0.00
CRESCENT__HYD 24018	29.27 0.87 0.00	25.15 0.81 0.00	10.77 0.36 0.00	7.19 0.22 0.00	31.02 0.77 0.00	31.33 0.88 0.00	32.86 0.96 -0.54	40.95 0.93 -6.89	33.46 0.59 0.00	30.12 0.33 0.00	30.12 0.34 0.00	28.87 0.28 0.00	29.49 0.32 0.00	30.15 0.46 0.00	33.68 0.47 0.00	34.62 0.40 0.00	31.22 0.51 0.00	32.99 0.66 0.00	35.81 0.91 0.00	38.26 1.10 0.00	40.31 1.15 0.00	30.64 0.81 0.00	30.24 0.86 0.00	29.96 0.95 0.00
CRICKET__VALLEY_CC1 323756	29.93 1.52 0.00	25.69 1.35 0.00	11.00 0.59 0.00	7.33 0.36 0.00	31.44 1.19 0.00	31.69 1.23 0.00	32.71 1.35 0.00	34.59 1.46 0.00	34.43 1.56 0.00	31.21 1.41 0.00	31.15 1.37 0.00	30.05 1.47 0.00	30.77 1.61 0.00	31.37 1.68 0.00	35.11 1.90 0.00	36.20 1.98 0.00	32.34 1.63 0.00	33.98 1.66 0.00	36.57 1.66 0.00	38.91 1.75 0.00	40.95 1.80 0.00	31.21 1.38 0.00	30.77 1.39 0.00	30.45 1.44 0.00
CRICKET__VALLEY_CC2 323757	29.93 1.52 0.00	25.69 1.35 0.00	11.00 0.59 0.00	7.33 0.36 0.00	31.44 1.19 0.00	31.69 1.23 0.00	32.71 1.35 0.00	34.59 1.46 0.00	34.43 1.56 0.00	31.21 1.41 0.00	31.15 1.37 0.00	30.05 1.47 0.00	30.77 1.61 0.00	31.37 1.68 0.00	35.11 1.90 0.00	36.20 1.98 0.00	32.34 1.63 0.00	33.98 1.66 0.00	36.57 1.66 0.00	38.91 1.75 0.00	40.95 1.80 0.00	31.21 1.38 0.00	30.77 1.39 0.00	30.45 1.44 0.00
CRICKET__VALLEY_CC3 323758	29.93 1.52 0.00	25.69 1.35 0.00	11.00 0.59 0.00	7.33 0.36 0.00	31.44 1.19 0.00	31.69 1.23 0.00	32.71 1.35 0.00	34.59 1.46 0.00	34.43 1.56 0.00	31.21 1.41 0.00	31.15 1.37 0.00	30.05 1.47 0.00	30.77 1.61 0.00	31.37 1.68 0.00	35.11 1.90 0.00	36.20 1.98 0.00	32.34 1.63 0.00	33.98 1.66 0.00	36.57 1.66 0.00	38.91 1.75 0.00	40.95 1.80 0.00	31.21 1.38 0.00	30.77 1.39 0.00	30.45 1.44 0.00
CRUCIBLE__METL_DRP 24180	28.23 -0.18 0.00	24.21 -0.13 0.00	10.34 -0.06 0.00	6.92 -0.05 0.00	29.95 -0.30 0.00	30.21 -0.24 0.00	31.07 -0.28 0.00	32.72 -0.40 0.00	32.47 -0.41 0.00	29.44 -0.36 0.00	29.41 -0.37 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.26 -0.43 0.00	32.78 -0.43 0.00	33.75 -0.48 0.00	30.24 -0.48 0.00	31.86 -0.47 0.00	34.40 -0.50 0.00	36.62 -0.54 0.00	38.63 -0.53 0.00	29.42 -0.41 0.00	28.96 -0.42 0.00	28.72 -0.30 0.00
DAHOWA__HYDRO 323763	29.61 1.20 0.00	25.45 1.11 0.00	10.89 0.48 0.00	7.28 0.31 0.00	31.41 1.16 0.00	31.80 1.34 0.00	33.18 1.55 -0.27	38.08 1.46 -3.49	33.83 0.96 0.00	30.34 0.55 0.00	30.31 0.53 0.00	28.99 0.41 0.00	29.67 0.50 0.00	30.33 0.65 0.00	33.91 0.70 0.00	35.00 0.78 0.00	31.67 0.95 0.00	33.64 1.31 0.00	36.55 1.64 0.00	39.09 1.93 0.00	41.21 2.05 0.00	31.28 1.45 0.00	30.75 1.37 0.00	30.42 1.41 0.00
DANC__LFGE 323619	28.15 -0.26 0.00	23.99 -0.35 0.00	10.22 -0.18 0.00	6.83 -0.14 0.00	29.79 -0.46 0.00	29.85 -0.61 0.00	30.73 -0.62 0.00	32.50 -0.63 0.00	32.02 -0.85 0.00	28.84 -0.95 0.00	28.76 -1.03 0.00	27.49 -1.09 0.00	27.87 -1.29 0.00	28.12 -1.57 0.00	31.48 -1.73 0.00	32.86 -1.37 0.00	29.65 -1.07 0.00	31.20 -1.12 0.00	33.90 -1.00 0.00	36.32 -0.84 0.00	38.24 -0.92 0.00	29.13 -0.70 0.00	28.57 -0.81 0.00	28.26 -0.76 0.00
DANSKAMMER__1 23586	30.31 1.90 0.00	26.00 1.66 0.00	11.13 0.72 0.00	7.41 0.44 0.00	31.81 1.56 0.00	32.11 1.65 0.00	33.18 1.83 0.00	35.11 1.98 0.00	34.96 2.09 0.00	31.72 1.93 0.00	31.66 1.88 0.00	30.54 1.96 0.00	31.29 2.12 0.00	31.91 2.22 0.00	35.73 2.52 0.00	36.86 2.64 0.00	32.94 2.22 0.00	34.63 2.30 0.00	37.25 2.35 0.00	39.65 2.50 0.00	41.73 2.57 0.00	31.78 1.94 0.00	31.29 1.91 0.00	30.93 1.91 0.00
DANSKAMMER__2 23589	30.31 1.90 0.00	26.00 1.66 0.00	11.13 0.72 0.00	7.41 0.44 0.00	31.81 1.56 0.00	32.11 1.65 0.00	33.18 1.83 0.00	35.11 1.98 0.00	34.96 2.09 0.00	31.72 1.93 0.00	31.66 1.88 0.00	30.54 1.96 0.00	31.29 2.12 0.00	31.91 2.22 0.00	35.73 2.52 0.00	36.86 2.64 0.00	32.94 2.22 0.00	34.63 2.30 0.00	37.25 2.35 0.00	39.65 2.50 0.00	41.73 2.57 0.00	31.78 1.94 0.00	31.29 1.91 0.00	30.93 1.91 0.00
DANSKAMMER__3 23590	30.31 1.90 0.00	26.00 1.66 0.00	11.13 0.72 0.00	7.41 0.44 0.00	31.81 1.56 0.00	32.11 1.65 0.00	33.18 1.83 0.00	35.11 1.98 0.00	34.96 2.09 0.00	31.72 1.93 0.00	31.66 1.88 0.00	30.54 1.96 0.00	31.29 2.12 0.00	31.91 2.22 0.00	35.73 2.52 0.00	36.86 2.64 0.00	32.94 2.22 0.00	34.63 2.30 0.00	37.25 2.35 0.00	39.65 2.50 0.00	41.73 2.57 0.00	31.78 1.94 0.00	31.29 1.91 0.00	30.93 1.91 0.00

DANSKAMMER___4 23591	30.31 1.90 0.00	26.00 1.66 0.00	11.13 0.72 0.00	7.41 0.44 0.00	31.81 1.56 0.00	32.11 1.65 0.00	33.18 1.83 0.00	35.11 1.98 0.00	34.96 2.09 0.00	31.72 1.93 0.00	31.66 1.88 0.00	30.54 1.96 0.00	31.29 2.12 0.00	31.91 2.22 0.00	35.73 2.52 0.00	36.86 2.64 0.00	32.94 2.22 0.00	34.63 2.30 0.00	37.25 2.35 0.00	39.65 2.50 0.00	41.73 2.57 0.00	31.78 1.94 0.00	31.29 1.91 0.00	30.93 1.91 0.00
DANSKAMMER___DIESEL 23592	30.31 1.90 0.00	26.00 1.66 0.00	11.13 0.72 0.00	7.42 0.44 0.00	31.81 1.56 0.00	32.11 1.65 0.00	33.19 1.83 0.00	35.12 1.99 0.00	34.96 2.08 0.00	31.72 1.92 0.00	31.66 1.88 0.00	30.54 1.96 0.00	31.29 2.12 0.00	31.91 2.22 0.00	35.73 2.52 0.00	36.85 2.63 0.00	32.93 2.22 0.00	34.63 2.30 0.00	37.26 2.35 0.00	39.66 2.50 0.00	41.74 2.58 0.00	31.79 1.96 0.00	31.29 1.92 0.00	30.93 1.91 0.00
DARBY___SOLAR 323810	29.67 1.26 0.00	25.54 1.20 0.00	10.93 0.52 0.00	7.31 0.34 0.00	31.55 1.30 0.00	32.00 1.55 0.00	33.39 1.84 -0.19	37.28 1.69 -2.46	33.91 1.04 0.00	30.27 0.48 0.00	30.22 0.43 0.00	28.86 0.27 0.00	29.51 0.35 0.00	30.21 0.51 0.00	33.75 0.54 0.00	34.97 0.75 0.00	31.80 1.08 0.00	33.97 1.64 0.00	36.94 2.04 0.00	39.56 2.40 0.00	41.68 2.52 0.00	31.64 1.81 0.00	31.00 1.62 0.00	30.65 1.63 0.00
DASHVILLE___HYD 23610	30.29 1.88 0.00	25.98 1.64 0.00	11.12 0.71 0.00	7.41 0.44 0.00	31.77 1.52 0.00	32.06 1.60 0.00	33.11 1.79 0.04	34.68 2.01 0.47	34.96 2.09 0.00	31.72 1.93 0.00	31.64 1.85 0.00	30.52 1.94 0.00	31.26 2.10 0.00	31.91 2.22 0.00	35.73 2.52 0.00	36.82 2.60 0.00	32.91 2.19 0.00	34.60 2.27 0.00	37.22 2.32 0.00	39.61 2.45 0.00	41.70 2.54 0.00	31.76 1.93 0.00	31.26 1.88 0.00	30.91 1.89 0.00
DELAWARE___LFGE 323621	29.18 0.77 0.00	25.06 0.72 0.00	10.74 0.33 0.00	7.17 0.20 0.00	30.94 0.69 0.00	31.18 0.72 0.00	32.14 0.78 0.00	33.90 0.77 0.00	33.70 0.82 0.00	30.57 0.78 0.00	30.53 0.74 0.00	29.31 0.72 0.00	29.92 0.76 0.00	30.46 0.77 0.00	34.10 0.88 0.00	35.18 0.95 0.00	31.47 0.75 0.00	33.13 0.80 0.00	35.73 0.82 -0.01	38.02 0.84 -0.03	40.07 0.89 -0.02	30.50 0.67 0.00	30.02 0.64 0.00	29.68 0.66 0.00
DERFIELD_115KV_TB7 355931	28.50 0.09 0.00	24.44 0.09 0.00	10.45 0.05 0.00	6.99 0.02 0.00	30.26 0.01 0.00	30.46 0.00 0.00	31.35 0.00 0.00	33.11 -0.02 0.00	32.84 -0.04 0.00	29.74 -0.06 0.00	29.71 -0.08 0.00	28.50 -0.09 0.00	29.09 -0.07 0.00	29.63 -0.06 0.00	33.15 -0.06 0.00	34.19 -0.03 0.00	30.69 -0.03 0.00	32.33 0.00 0.00	34.91 0.00 0.00	37.16 0.00 0.00	39.16 0.00 0.00	29.82 -0.02 0.00	29.38 0.00 0.00	29.05 0.03 0.00
DOGLEVILLE___HYD 23807	28.79 0.38 0.00	24.77 0.43 0.00	10.64 0.23 0.00	7.08 0.11 0.00	30.25 0.00 0.00	30.56 0.10 0.00	31.51 0.15 0.00	33.07 -0.06 0.00	32.28 -0.59 0.00	29.04 -0.76 0.00	28.82 -0.96 0.00	27.66 -0.92 0.00	28.28 -0.88 0.00	28.81 -0.88 0.00	32.27 -0.95 0.00	33.54 -0.68 0.00	30.41 -0.31 0.00	32.44 0.11 0.00	35.23 0.32 0.00	37.65 0.49 0.00	39.69 0.53 0.00	30.09 0.26 0.00	29.71 0.33 0.00	29.39 0.38 0.00
DUNKIRK___115KV_TB_200 55889	27.49 -0.92 0.00	23.67 -0.67 0.00	10.06 -0.35 0.00	6.77 -0.20 0.00	29.18 -1.07 0.00	29.75 -0.71 0.00	30.54 -0.81 0.00	31.92 -1.21 0.00	31.97 -0.91 0.00	29.06 -0.73 0.00	28.94 -0.84 0.00	27.51 -1.07 0.00	28.02 -1.15 0.00	28.19 -1.46 0.04	24.48 -1.52 7.22	22.44 -1.74 10.05	26.58 -1.82 2.31	26.68 -1.88 3.76	20.08 -2.25 12.58	20.91 -2.57 13.68	22.67 -2.52 13.97	15.39 -1.76 12.68	15.70 -1.71 11.97	26.14 -1.55 1.34
DUNKIRK___1 23563	27.49 -0.92 0.00	23.67 -0.67 0.00	10.06 -0.35 0.00	6.77 -0.20 0.00	29.18 -1.07 0.00	29.75 -0.71 0.00	30.54 -0.81 0.00	31.92 -1.21 0.00	31.97 -0.91 0.00	29.06 -0.73 0.00	28.94 -0.84 0.00	27.51 -1.07 0.00	28.02 -1.15 0.00	28.19 -1.46 0.04	24.48 -1.52 7.22	22.44 -1.74 10.05	26.58 -1.82 2.31	26.68 -1.88 3.76	20.08 -2.25 12.58	20.91 -2.57 13.68	22.67 -2.52 13.97	15.39 -1.76 12.68	15.70 -1.71 11.97	26.14 -1.55 1.34
DUNKIRK___2 23564	27.49 -0.92 0.00	23.67 -0.67 0.00	10.06 -0.35 0.00	6.77 -0.20 0.00	29.18 -1.07 0.00	29.75 -0.71 0.00	30.54 -0.81 0.00	31.92 -1.21 0.00	31.97 -0.91 0.00	29.06 -0.73 0.00	28.94 -0.84 0.00	27.51 -1.07 0.00	28.02 -1.15 0.00	28.19 -1.46 0.04	24.48 -1.52 7.22	22.44 -1.74 10.05	26.58 -1.82 2.31	26.68 -1.88 3.76	20.08 -2.25 12.58	20.91 -2.57 13.68	22.67 -2.52 13.97	15.39 -1.76 12.68	15.70 -1.71 11.97	26.14 -1.55 1.34
DUNKIRK___3 23565	27.48 -0.93 0.00	23.63 -0.71 0.00	10.04 -0.37 0.00	6.74 -0.23 0.00	29.08 -1.17 0.00	29.62 -0.84 0.00	30.42 -0.94 0.00	31.76 -1.37 0.00	31.82 -1.06 0.00	28.93 -0.86 0.00	28.86 -0.93 0.00	27.44 -1.14 0.00	27.94 -1.23 0.00	28.14 -1.50 0.05	23.87 -1.56 7.78	21.58 -1.78 10.87	26.33 -1.89 2.50	26.32 -1.93 4.07	19.02 -2.28 13.61	19.76 -2.60 14.80	21.46 -2.59 15.11	14.28 -1.84 13.72	14.69 -1.75 12.94	26.00 -1.58 1.44
DUNKIRK___4 23566	27.48 -0.93 0.00	23.63 -0.71 0.00	10.04 -0.37 0.00	6.74 -0.23 0.00	29.08 -1.17 0.00	29.62 -0.84 0.00	30.42 -0.94 0.00	31.76 -1.37 0.00	31.82 -1.06 0.00	28.93 -0.86 0.00	28.86 -0.93 0.00	27.44 -1.14 0.00	27.94 -1.23 0.00	28.14 -1.50 0.05	23.87 -1.56 7.78	21.58 -1.78 10.87	26.33 -1.89 2.50	26.32 -1.93 4.07	19.02 -2.28 13.61	19.76 -2.60 14.80	21.46 -2.59 15.11	14.28 -1.84 13.72	14.69 -1.75 12.94	26.00 -1.58 1.44
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.34 1.93 0.00	26.04 1.70 0.00	11.15 0.74 0.00	7.43 0.46 0.00	31.81 1.56 0.00	32.11 1.65 0.00	33.19 1.83 0.00	35.12 1.99 0.00	35.02 2.14 0.00	31.83 2.03 0.00	31.75 1.97 0.00	30.66 2.08 0.00	31.42 2.25 0.00	32.01 2.32 0.00	35.82 2.61 0.00	36.95 2.72 0.00	32.96 2.25 0.00	34.61 2.28 0.00	37.20 2.29 0.00	39.57 2.41 0.00	41.63 2.47 0.00	31.75 1.92 0.00	31.29 1.91 0.00	30.98 1.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.14 1.73 0.00	25.86 1.52 0.00	11.06 0.66 0.00	7.37 0.40 0.00	31.63 1.38 0.00	31.93 1.47 0.00	32.99 1.64 0.00	34.91 1.78 0.00	34.77 1.89 0.00	31.55 1.76 0.00	31.49 1.70 0.00	30.38 1.80 0.00	31.10 1.93 0.00	31.72 2.02 0.00	35.52 2.31 0.00	36.65 2.43 0.00	32.74 2.02 0.00	34.42 2.10 0.00	37.04 2.13 0.00	39.41 2.26 0.00	41.49 2.33 0.00	31.60 1.77 0.00	31.11 1.74 0.00	30.75 1.74 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.42 2.01 0.00	26.09 1.75 0.00	11.16 0.76 0.00	7.43 0.45 0.00	31.75 1.50 0.00	32.09 1.63 0.00	33.22 1.87 0.00	35.14 2.01 0.00	35.12 2.24 0.00	31.91 2.11 0.00	31.85 2.07 0.00	30.78 2.20 0.00	31.56 2.39 0.00	32.12 2.44 0.00	35.97 2.76 0.00	37.12 2.89 0.00	33.06 2.34 0.00	34.70 2.37 0.00	37.29 2.39 0.00	39.68 2.52 0.00	41.74 2.59 0.00	31.84 2.00 0.00	31.37 1.99 0.00	31.06 2.04 0.00

E179THST_13_KV_LOAD 356214	30.53 2.12 0.00	26.19 1.85 0.00	11.20 0.79 0.00	7.45 0.48 0.00	31.86 1.60 0.00	32.20 1.74 0.00	33.35 2.00 0.00	35.29 2.16 0.00	35.28 2.40 0.00	32.06 2.26 0.00	32.00 2.22 0.00	30.92 2.34 0.00	31.71 2.54 0.00	32.27 2.58 0.00	36.13 2.92 0.00	37.29 3.07 0.00	33.20 2.48 0.00	34.86 2.54 0.00	37.47 2.56 0.00	39.87 2.71 0.00	41.93 2.77 0.00	31.98 2.15 0.00	31.50 2.12 0.00	31.18 2.17 0.00
EAST HAMPTON___GT 23717	35.60 2.33 -4.86	33.33 1.84 -7.15	11.64 0.90 -0.34	7.92 0.56 -0.39	33.00 2.75 0.00	34.15 3.69 0.00	35.38 4.03 -0.01	37.35 4.22 -0.01	37.10 4.23 0.00	33.86 3.28 -0.79	44.01 2.50 -11.72	33.98 2.73 -2.67	34.03 2.72 -2.15	37.02 2.95 -4.37	40.48 3.61 -3.65	42.26 4.09 -3.95	37.14 3.66 -2.77	38.20 3.78 -2.09	79.32 4.03 -40.38	162.62 4.24 -121.23	193.02 4.41 -149.45	52.13 3.73 -18.57	34.92 3.63 -1.92	32.96 3.56 -0.38
EAST RIVER___6 23660	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.62 0.00	32.21 1.75 0.00	33.31 1.96 0.00	35.28 2.14 0.00	35.21 2.34 0.00	32.04 2.24 0.00	31.93 2.15 0.00	30.86 2.28 0.00	31.63 2.47 0.00	32.21 2.52 0.00	36.04 2.83 0.00	37.18 2.96 0.00	33.15 2.43 0.00	34.78 2.46 0.00	37.38 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.88 2.04 0.00	31.39 2.02 0.00	31.10 2.08 0.00
EAST RIVER___7 23524	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.62 0.00	32.21 1.75 0.00	33.31 1.96 0.00	35.28 2.14 0.00	35.21 2.34 0.00	32.04 2.24 0.00	31.93 2.15 0.00	30.86 2.28 0.00	31.63 2.47 0.00	32.21 2.52 0.00	36.04 2.83 0.00	37.18 2.96 0.00	33.15 2.43 0.00	34.78 2.46 0.00	37.38 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.88 2.04 0.00	31.39 2.02 0.00	31.10 2.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.25 1.84 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.40 0.43 0.00	31.72 1.47 0.00	32.02 1.56 0.00	33.09 1.74 0.00	35.04 1.91 0.00	34.92 2.05 0.00	31.74 1.94 0.00	31.66 1.88 0.00	30.57 1.99 0.00	31.32 2.15 0.00	31.91 2.22 0.00	35.72 2.51 0.00	36.84 2.62 0.00	32.87 2.15 0.00	34.51 2.19 0.00	37.11 2.20 0.00	39.47 2.32 0.00	41.54 2.38 0.00	31.68 1.85 0.00	31.20 1.83 0.00	30.89 1.87 0.00
EAST_HAMPTON___DIESEL 23722	35.52 2.25 -4.86	33.25 1.77 -7.15	11.61 0.87 -0.34	7.90 0.54 -0.39	32.96 2.70 0.00	34.15 3.69 0.00	35.39 4.03 -0.01	37.36 4.22 -0.01	37.11 4.23 0.00	33.83 3.25 -0.79	43.93 2.43 -11.72	33.91 2.65 -2.67	33.95 2.63 -2.15	36.94 2.87 -4.37	40.39 3.53 -3.65	42.20 4.02 -3.95	37.10 3.61 -2.77	38.16 3.75 -2.09	79.29 4.00 -40.38	162.60 4.22 -121.23	193.00 4.39 -149.45	52.12 3.72 -18.57	34.91 3.61 -1.92	32.93 3.53 -0.38
EAST_POINT___SOLAR 323840	29.83 1.43 0.00	25.55 1.21 0.00	10.91 0.51 0.00	7.29 0.31 0.00	31.61 1.35 0.00	31.85 1.39 0.00	32.88 1.50 -0.03	34.25 0.77 -0.35	33.12 0.24 0.00	30.05 0.26 0.00	29.88 0.09 0.00	28.65 0.07 0.00	29.08 -0.09 0.00	29.55 -0.14 0.00	33.36 0.15 0.00	34.93 0.71 0.00	31.73 1.01 0.00	33.80 1.48 0.00	36.65 1.75 0.00	39.09 1.93 0.00	41.33 2.17 0.00	31.40 1.57 0.00	30.79 1.41 0.00	30.37 1.36 0.00
EAST_PULASKI___ESR 323781	28.02 -0.39 0.00	23.94 -0.40 0.00	10.22 -0.18 0.00	6.84 -0.14 0.00	29.67 -0.58 0.00	29.85 -0.61 0.00	30.69 -0.66 0.00	32.38 -0.76 0.00	32.02 -0.86 0.00	28.93 -0.87 0.00	28.88 -0.90 0.00	27.67 -0.92 0.00	28.14 -1.03 0.00	28.55 -1.14 0.00	31.97 -1.24 0.00	33.11 -1.11 0.00	29.75 -0.96 0.00	31.33 -1.00 0.00	33.96 -0.95 0.00	36.26 -0.90 0.00	38.21 -0.95 0.00	29.13 -0.71 0.00	28.68 -0.70 0.00	28.39 -0.63 0.00
EAST_RIVER___1 323558	30.44 2.03 0.00	26.12 1.78 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.86 1.61 0.00	32.19 1.73 0.00	33.29 1.94 0.00	35.25 2.12 0.00	35.20 2.33 0.00	32.03 2.23 0.00	31.92 2.14 0.00	30.84 2.26 0.00	31.62 2.46 0.00	32.19 2.50 0.00	36.02 2.81 0.00	37.16 2.93 0.00	33.13 2.42 0.00	34.77 2.44 0.00	37.35 2.45 0.00	39.70 2.54 0.00	41.77 2.61 0.00	31.87 2.03 0.00	31.39 2.02 0.00	31.10 2.08 0.00
EAST_RIVER___2 323559	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.62 0.00	32.21 1.75 0.00	33.31 1.96 0.00	35.28 2.14 0.00	35.21 2.34 0.00	32.04 2.24 0.00	31.93 2.15 0.00	30.86 2.28 0.00	31.63 2.47 0.00	32.21 2.52 0.00	36.04 2.83 0.00	37.18 2.96 0.00	33.15 2.43 0.00	34.78 2.46 0.00	37.38 2.47 0.00	39.73 2.57 0.00	41.78 2.63 0.00	31.88 2.04 0.00	31.39 2.02 0.00	31.10 2.08 0.00
EAST___DELAWARE_HYD 23607	30.33 1.92 0.00	26.00 1.67 0.00	11.12 0.72 0.00	7.42 0.45 0.00	31.86 1.61 0.00	32.17 1.71 0.00	33.25 1.89 0.00	35.19 2.05 0.00	35.01 2.14 0.00	31.73 1.94 0.00	31.70 1.92 0.00	30.57 1.99 0.00	31.31 2.14 0.00	31.95 2.26 0.00	35.73 2.52 0.00	36.82 2.59 0.00	32.94 2.23 0.00	34.76 2.44 0.00	37.44 2.54 0.00	39.88 2.73 0.00	41.97 2.81 0.00	31.92 2.09 0.00	31.39 2.02 0.00	31.00 1.98 0.00
EIGHT_POINT___WT_PWR 323820	27.66 -0.75 0.00	23.71 -0.64 0.00	10.14 -0.27 0.00	6.81 -0.16 0.00	29.42 -0.83 0.00	29.96 -0.50 0.00	30.76 -0.60 0.00	32.19 -0.94 0.00	32.13 -0.75 0.00	29.09 -0.70 0.00	28.82 -0.96 0.00	27.12 -1.47 0.00	27.47 -1.70 0.00	27.91 -1.94 -0.15	57.19 -2.26 -26.23	68.69 -2.37 -36.84	36.96 -2.23 -8.46	43.90 -2.33 -13.90	78.68 -2.69 -46.47	85.82 -2.67 -51.33	88.73 -2.81 -52.38	73.94 -2.32 -46.43	70.79 -2.30 -43.71	31.55 -2.34 -4.86
ELBRIDGE_115KV_TB2 80188	28.03 -0.38 0.00	24.06 -0.28 0.00	10.27 -0.14 0.00	6.87 -0.09 0.00	29.76 -0.49 0.00	30.01 -0.44 0.00	30.87 -0.49 0.00	32.50 -0.63 0.00	32.24 -0.63 0.00	29.23 -0.57 0.00	29.20 -0.58 0.00	27.95 -0.63 0.00	28.51 -0.66 0.00	29.01 -0.68 0.00	32.49 -0.72 0.00	33.45 -0.77 0.00	29.97 -0.75 0.00	31.58 -0.75 0.00	34.10 -0.81 0.00	36.29 -0.87 0.00	38.28 -0.88 0.00	29.18 -0.65 0.00	28.71 -0.66 0.00	28.51 -0.51 0.00
ELEC_TRO_TEK 24086	71.59 2.36 -40.81	48.77 2.06 -22.37	13.38 0.93 -2.05	10.67 0.58 -3.12	32.28 2.03 0.00	32.59 2.13 0.00	33.63 2.27 0.00	35.53 2.40 0.00	35.39 2.52 0.00	33.61 2.39 -1.42	56.22 2.30 -24.14	53.37 2.59 -22.20	49.50 2.79 -17.54	68.24 2.86 -35.69	60.32 3.21 -23.90	69.84 3.34 -32.27	56.11 2.74 -22.65	58.09 2.72 -23.05	56.91 2.74 -19.26	68.91 3.04 -28.71	77.61 3.17 -35.28	36.98 2.34 -4.80	33.65 2.35 -1.92	31.85 2.45 -0.38
ELLENBURG_WT_PWR 323604	28.06 -0.35 0.00	23.94 -0.40 0.00	10.19 -0.22 0.00	6.82 -0.15 0.00	29.77 -0.48 0.00	29.91 -0.55 0.00	30.79 -0.56 0.00	32.92 -0.21 0.00	32.96 0.08 0.00	29.97 0.17 0.00	29.97 0.18 0.00	28.71 0.12 0.00	29.25 0.08 0.00	29.71 0.02 0.00	33.15 -0.06 0.00	34.15 -0.08 0.00	30.80 0.08 0.00	32.27 -0.06 0.00	34.91 0.01 0.00	37.21 0.05 0.00	39.09 -0.06 0.00	29.71 -0.12 0.00	29.06 -0.31 0.00	28.73 -0.29 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.29 -1.12 0.00	23.37 -0.97 0.00	9.92 -0.49 0.00	6.65 -0.32 0.00	28.69 -1.56 0.00	29.16 -1.29 0.00	29.95 -1.41 0.00	31.16 -1.97 0.00	31.23 -1.64 0.00	28.43 -1.36 0.00	28.45 -1.34 0.00	27.15 -1.43 0.00	27.60 -1.56 0.00	27.78 -1.86 0.05	22.95 -1.97 8.30	20.43 -2.19 11.60	25.79 -2.25 2.67	25.68 -2.30 4.34	17.73 -2.69 14.49	18.44 -3.06 15.66	20.06 -3.11 16.00	12.91 -2.27 14.65	13.41 -2.13 13.84	25.56 -1.92 1.54
EMPIRE_CC_1 323656	29.06 0.65 0.00	24.96 0.62 0.00	10.69 0.29 0.00	7.14 0.16 0.00	30.73 0.48 0.00	31.02 0.56 0.00	31.62 0.59 0.32	29.60 0.51 4.04	33.07 0.20 0.00	29.84 0.05 0.00	29.92 0.14 0.00	28.71 0.12 0.00	29.31 0.15 0.00	29.98 0.29 0.00	33.40 0.19 0.00	34.30 0.08 0.00	30.89 0.18 0.00	32.59 0.27 0.00	35.35 0.45 0.00	37.73 0.58 0.00	39.75 0.60 0.00	30.25 0.42 0.00	29.95 0.57 0.00	29.69 0.67 0.00
EMPIRE_CC_2 323658	29.06 0.65 0.00	24.96 0.62 0.00	10.69 0.29 0.00	7.14 0.16 0.00	30.73 0.48 0.00	31.02 0.56 0.00	31.62 0.59 0.32	29.60 0.51 4.04	33.07 0.20 0.00	29.84 0.05 0.00	29.92 0.14 0.00	28.71 0.12 0.00	29.31 0.15 0.00	29.98 0.29 0.00	33.40 0.19 0.00	34.30 0.08 0.00	30.89 0.18 0.00	32.59 0.27 0.00	35.35 0.45 0.00	37.73 0.58 0.00	39.75 0.60 0.00	30.25 0.42 0.00	29.95 0.57 0.00	29.69 0.67 0.00
ENORWICH_115KV_TB1 80156	29.49 1.08 0.00	25.62 1.28 0.00	11.00 0.60 0.00	7.34 0.37 0.00	31.62 1.36 0.00	32.06 1.60 0.00	32.97 1.61 0.00	34.51 1.38 0.00	34.24 1.37 0.00	31.01 1.22 0.00	30.92 1.14 0.00	29.68 1.09 0.00	30.12 0.95 0.00	30.45 0.75 -0.01	35.23 0.64 -1.38	37.32 1.16 -1.93	31.69 0.53 -0.44	33.78 0.72 -0.73	38.39 1.03 -2.45	41.27 1.39 -2.72	43.40 1.47 -2.78	33.29 1.02 -2.43	32.38 0.72 -2.29	29.94 0.67 -0.25
ERIE_ST__34_KV_TB1-2 80199	27.68 -0.73 0.00	23.71 -0.63 0.00	10.06 -0.34 0.00	6.75 -0.22 0.00	29.07 -1.18 0.00	29.53 -0.92 0.00	30.38 -0.98 0.00	31.69 -1.44 0.00	31.78 -1.09 0.00	28.94 -0.85 0.00	28.95 -0.83 0.00	27.61 -0.97 0.00	28.09 -1.07 0.00	28.32 -1.34 0.04	24.94 -1.31 6.96	22.95 -1.51 9.76	26.77 -1.70 2.25	26.98 -1.68 3.67	20.70 -1.96 12.24	21.47 -2.31 13.38	23.21 -2.28 13.66	15.83 -1.68 12.32	16.19 -1.57 11.62	26.30 -1.42 1.30
ERIE_WT_PWR 323693	27.45 -0.96 0.00	23.52 -0.82 0.00	9.98 -0.42 0.00	6.70 -0.28 0.00	28.88 -1.37 0.00	29.34 -1.12 0.00	30.14 -1.22 0.00	31.36 -1.77 0.00	31.41 -1.46 0.00	28.62 -1.17 0.00	28.64 -1.15 0.00	27.30 -1.28 0.00	27.74 -1.43 0.00	27.97 -1.67 0.05	23.58 -1.73 7.90	21.22 -1.94 11.06	26.09 -2.08 2.55	26.07 -2.11 4.15	18.62 -2.42 13.86	19.30 -2.75 15.11	20.97 -2.76 15.43	13.89 -1.98 13.96	14.32 -1.89 13.17	25.80 -1.75 1.47
ESPRGFLD_115KV_TB1 80157	29.38 0.97 0.00	25.18 0.84 0.00	10.76 0.35 0.00	7.18 0.21 0.00	31.17 0.91 0.00	31.36 0.90 0.00	32.37 1.00 -0.02	34.28 0.91 -0.24	33.85 0.97 0.00	30.84 1.05 0.00	30.77 0.98 0.00	29.45 0.87 0.00	29.99 0.83 0.00	30.47 0.78 0.00	34.16 0.95 0.00	35.34 1.11 0.00	31.65 0.93 0.00	33.42 1.10 0.00	36.05 1.15 0.00	38.27 1.11 0.00	40.34 1.18 0.00	30.71 0.88 0.00	30.10 0.73 0.00	29.73 0.71 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.78 0.37 0.00	24.72 0.38 0.00	10.57 0.16 0.00	7.07 0.10 0.00	30.51 0.25 0.00	30.84 0.38 0.00	31.77 0.41 0.00	33.43 0.30 0.00	33.18 0.30 0.00	30.07 0.27 0.00	30.01 0.23 0.00	28.66 0.08 0.00	29.20 0.03 0.00	29.76 0.06 -0.01	35.65 0.14 -2.30	37.59 0.15 -3.22	31.44 -0.03 -0.75	33.62 0.06 -1.23	39.13 0.12 -4.10	41.91 0.20 -4.55	44.06 0.27 -4.63	34.05 0.16 -4.05	33.29 0.10 -3.81	29.60 0.16 -0.42
ETNA____115KV_TB2 80207	28.78 0.37 0.00	24.72 0.38 0.00	10.57 0.16 0.00	7.07 0.10 0.00	30.51 0.25 0.00	30.84 0.38 0.00	31.77 0.41 0.00	33.43 0.30 0.00	33.18 0.30 0.00	30.07 0.27 0.00	30.01 0.23 0.00	28.66 0.08 0.00	29.20 0.03 0.00	29.76 0.06 -0.01	35.65 0.14 -2.30	37.59 0.15 -3.22	31.44 -0.03 -0.75	33.62 0.06 -1.23	39.13 0.12 -4.10	41.91 0.20 -4.55	44.06 0.27 -4.63	34.05 0.16 -4.05	33.29 0.10 -3.81	29.60 0.16 -0.42
EUCLID____115KV_TB2 356179	28.03 -0.38 0.00	24.04 -0.30 0.00	10.27 -0.14 0.00	6.87 -0.10 0.00	29.72 -0.54 0.00	29.97 -0.49 0.00	30.81 -0.54 0.00	32.46 -0.68 0.00	32.22 -0.66 0.00	29.22 -0.57 0.00	29.20 -0.58 0.00	27.99 -0.60 0.00	28.55 -0.62 0.00	29.06 -0.63 0.00	32.54 -0.67 0.00	33.51 -0.71 0.00	30.02 -0.70 0.00	31.62 -0.70 0.00	34.14 -0.77 0.00	36.33 -0.83 0.00	38.31 -0.85 0.00	29.17 -0.66 0.00	28.75 -0.63 0.00	28.51 -0.51 0.00
E_CANADA_CAP_HY 24051	29.53 1.12 0.00	25.27 0.93 0.00	10.78 0.38 0.00	7.19 0.22 0.00	31.28 1.03 0.00	31.44 0.98 0.00	32.45 1.07 -0.03	34.31 0.85 -0.32	33.58 0.70 0.00	30.55 0.75 0.00	30.42 0.63 0.00	29.09 0.50 0.00	29.59 0.43 0.00	30.07 0.37 0.00	33.75 0.54 0.00	35.00 0.78 0.00	31.54 0.83 0.00	33.51 1.18 0.00	36.23 1.32 0.00	38.49 1.33 0.00	40.62 1.46 0.00	30.90 1.07 0.00	30.29 0.91 0.00	29.91 0.90 0.00
E_CANADA_MHWK_HY 24050	28.79 0.38 0.00	24.77 0.43 0.00	10.63 0.23 0.00	7.08 0.11 0.00	30.25 0.00 0.00	30.56 0.10 0.00	31.51 0.15 0.00	33.07 -0.07 0.00	32.28 -0.59 0.00	29.04 -0.76 0.00	28.82 -0.96 0.00	27.66 -0.92 0.00	28.29 -0.88 0.00	28.81 -0.88 0.00	32.26 -0.95 0.00	33.54 -0.69 0.00	30.41 -0.31 0.00	32.44 0.11 0.00	35.23 0.33 0.00	37.65 0.49 0.00	39.69 0.53 0.00	30.09 0.26 0.00	29.70 0.33 0.00	29.39 0.37 0.00
E_FISHKILL__LBMP 23776	30.03 1.63 0.00	25.78 1.43 0.00	11.04 0.63 0.00	7.36 0.38 0.00	31.55 1.29 0.00	31.83 1.37 0.00	32.87 1.51 0.00	34.77 1.64 0.00	34.63 1.75 0.00	31.43 1.63 0.00	31.36 1.58 0.00	30.26 1.68 0.00	30.99 1.82 0.00	31.58 1.89 0.00	35.35 2.14 0.00	36.46 2.23 0.00	32.56 1.84 0.00	34.21 1.88 0.00	36.81 1.90 0.00	39.16 2.01 0.00	41.21 2.06 0.00	31.42 1.59 0.00	30.96 1.59 0.00	30.65 1.63 0.00
FALCON____SEABRD_CC1 323796	28.36 -0.05 0.00	24.17 -0.17 0.00	10.29 -0.12 0.00	6.88 -0.09 0.00	29.99 -0.26 0.00	30.21 -0.25 0.00	31.11 -0.24 0.00	33.22 0.09 0.00	33.18 0.30 0.00	30.21 0.41 0.00	30.21 0.42 0.00	28.93 0.34 0.00	29.47 0.30 0.00	29.97 0.28 0.00	33.40 0.19 0.00	34.36 0.14 0.00	31.07 0.35 0.00	32.57 0.24 0.00	35.24 0.33 0.00	37.60 0.44 0.00	39.40 0.24 0.00	29.93 0.10 0.00	29.31 -0.07 0.00	28.97 -0.05 0.00
FALCON____SEABRD_CC2 323797	28.36 -0.05 0.00	24.17 -0.17 0.00	10.29 -0.12 0.00	6.88 -0.09 0.00	29.99 -0.26 0.00	30.21 -0.25 0.00	31.11 -0.24 0.00	33.22 0.09 0.00	33.18 0.30 0.00	30.21 0.41 0.00	30.21 0.42 0.00	28.93 0.34 0.00	29.47 0.30 0.00	29.97 0.28 0.00	33.40 0.19 0.00	34.36 0.14 0.00	31.07 0.35 0.00	32.57 0.24 0.00	35.24 0.33 0.00	37.60 0.44 0.00	39.40 0.24 0.00	29.93 0.10 0.00	29.31 -0.07 0.00	28.97 -0.05 0.00

FAR ROCKAWAY___4 23548	112.23 2.70 -81.13	60.29 2.36 -33.59	15.89 1.06 -4.43	14.55 0.65 -6.93	32.63 2.38 0.00	32.96 2.50 0.00	34.00 2.65 0.00	35.92 2.79 0.00	35.78 2.91 0.00	33.87 2.76 -1.31	58.97 2.67 -26.52	77.85 2.96 -46.31	72.70 3.18 -40.35	115.02 3.26 -82.06	90.75 3.66 -53.88	112.24 3.82 -74.20	85.84 3.03 -52.10	91.97 3.02 -56.63	91.97 3.10 -53.97	111.38 3.45 -70.77	125.43 3.61 -82.66	41.33 2.70 -8.79	34.03 2.73 -1.92	32.20 2.81 -0.38
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.45 2.04 0.00	26.13 1.79 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.86 1.61 0.00	32.19 1.74 0.00	33.30 1.94 0.00	35.27 2.14 0.00	35.20 2.33 0.00	32.03 2.24 0.00	31.93 2.14 0.00	30.85 2.27 0.00	31.63 2.46 0.00	32.21 2.52 0.00	36.03 2.82 0.00	37.16 2.94 0.00	33.14 2.42 0.00	34.78 2.46 0.00	37.37 2.46 0.00	39.73 2.57 0.00	41.79 2.63 0.00	31.89 2.06 0.00	31.40 2.03 0.00	31.10 2.08 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.63 0.00	32.20 1.74 0.00	33.31 1.95 0.00	35.28 2.15 0.00	35.22 2.34 0.00	32.04 2.25 0.00	31.94 2.15 0.00	30.86 2.28 0.00	31.63 2.46 0.00	32.21 2.52 0.00	36.04 2.83 0.00	37.17 2.95 0.00	33.14 2.43 0.00	34.78 2.46 0.00	37.38 2.47 0.00	39.74 2.58 0.00	41.81 2.65 0.00	31.91 2.08 0.00	31.42 2.04 0.00	31.12 2.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.43 2.02 0.00	26.11 1.77 0.00	11.18 0.78 0.00	7.45 0.48 0.00	31.86 1.60 0.00	32.19 1.73 0.00	33.30 1.94 0.00	35.25 2.12 0.00	35.20 2.33 0.00	32.03 2.24 0.00	31.92 2.14 0.00	30.85 2.27 0.00	31.62 2.45 0.00	32.19 2.50 0.00	36.02 2.81 0.00	37.16 2.94 0.00	33.13 2.42 0.00	34.77 2.45 0.00	37.35 2.45 0.00	39.71 2.55 0.00	41.78 2.62 0.00	31.88 2.05 0.00	31.39 2.02 0.00	31.09 2.07 0.00
FARRAGUT___LBMP 323566	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.83 1.58 0.00	32.16 1.70 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.29 0.00	31.99 2.19 0.00	31.89 2.10 0.00	30.81 2.22 0.00	31.58 2.41 0.00	32.15 2.47 0.00	35.98 2.77 0.00	37.11 2.89 0.00	33.09 2.38 0.00	34.73 2.40 0.00	37.32 2.41 0.00	39.67 2.52 0.00	41.74 2.58 0.00	31.86 2.02 0.00	31.37 1.99 0.00	31.07 2.05 0.00
FENNER___WINDPWR 24204	28.77 0.36 0.00	24.68 0.34 0.00	10.55 0.15 0.00	7.05 0.08 0.00	30.53 0.27 0.00	30.82 0.36 0.00	31.77 0.41 0.00	33.49 0.36 0.00	33.17 0.29 0.00	30.07 0.28 0.00	30.01 0.22 0.00	28.70 0.11 0.00	29.19 0.03 0.00	29.70 0.02 0.00	33.34 0.13 0.00	34.51 0.28 0.00	30.96 0.25 0.00	32.62 0.29 0.00	35.30 0.40 0.00	37.57 0.42 0.00	39.60 0.45 0.00	30.14 0.30 0.00	29.60 0.23 0.00	29.24 0.22 0.00
FIBERTEK___ENERGY 23856	28.23 -0.18 0.00	24.21 -0.13 0.00	10.34 -0.06 0.00	6.92 -0.05 0.00	29.95 -0.30 0.00	30.21 -0.24 0.00	31.07 -0.28 0.00	32.72 -0.40 0.00	32.47 -0.41 0.00	29.44 -0.36 0.00	29.41 -0.37 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.26 -0.43 0.00	32.78 -0.43 0.00	33.75 -0.48 0.00	30.24 -0.48 0.00	31.86 -0.47 0.00	34.40 -0.50 0.00	36.62 -0.54 0.00	38.63 -0.53 0.00	29.42 -0.41 0.00	28.96 -0.42 0.00	28.72 -0.30 0.00
FITZPATRICK___ 23598	27.64 -0.77 0.00	23.70 -0.64 0.00	10.13 -0.28 0.00	6.78 -0.19 0.00	29.35 -0.90 0.00	29.56 -0.90 0.00	30.38 -0.98 0.00	31.99 -1.14 0.00	31.75 -1.12 0.00	28.79 -1.00 0.00	28.77 -1.01 0.00	27.58 -1.00 0.00	28.14 -1.03 0.00	28.63 -1.06 0.00	32.05 -1.17 0.00	33.01 -1.21 0.00	29.59 -1.13 0.00	31.16 -1.16 0.00	33.64 -1.26 0.00	35.81 -1.35 0.00	37.75 -1.41 0.00	28.76 -1.07 0.00	28.34 -1.03 0.00	28.12 -0.90 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.36 1.95 0.00	26.04 1.70 0.00	11.14 0.74 0.00	7.43 0.46 0.00	31.86 1.60 0.00	32.16 1.71 0.00	33.24 1.88 0.00	35.18 2.05 0.00	35.02 2.15 0.00	31.78 1.98 0.00	31.72 1.94 0.00	30.60 2.01 0.00	31.34 2.18 0.00	31.98 2.28 0.00	35.80 2.59 0.00	36.93 2.71 0.00	33.00 2.28 0.00	34.69 2.37 0.00	37.33 2.43 0.00	39.73 2.58 0.00	41.82 2.66 0.00	31.84 2.01 0.00	31.34 1.97 0.00	30.99 1.97 0.00
FORT ORANGE___ 23900	29.05 0.64 0.00	24.93 0.59 0.00	10.68 0.28 0.00	7.13 0.16 0.00	30.73 0.48 0.00	31.00 0.55 0.00	31.73 0.61 0.24	30.66 0.55 3.02	33.12 0.24 0.00	29.87 0.07 0.00	29.89 0.10 0.00	28.70 0.11 0.00	29.34 0.17 0.00	29.96 0.27 0.00	33.45 0.24 0.00	34.42 0.20 0.00	30.90 0.19 0.00	32.67 0.34 0.00	35.39 0.48 0.00	37.77 0.61 0.00	39.81 0.65 0.00	30.28 0.45 0.00	29.96 0.58 0.00	29.64 0.62 0.00
FORT_DRUM_COGEN 23780	28.40 -0.01 0.00	24.16 -0.18 0.00	10.28 -0.13 0.00	6.86 -0.11 0.00	30.07 -0.18 0.00	30.09 -0.37 0.00	31.05 -0.31 0.00	32.85 -0.28 0.00	32.21 -0.67 0.00	28.83 -0.97 0.00	28.68 -1.11 0.00	27.37 -1.21 0.00	27.66 -1.50 0.00	27.82 -1.88 0.00	31.16 -2.05 0.00	32.75 -1.48 0.00	29.69 -1.02 0.00	31.30 -1.02 0.00	34.15 -0.76 0.00	36.73 -0.42 0.00	38.69 -0.47 0.00	29.41 -0.42 0.00	28.71 -0.67 0.00	28.33 -0.69 0.00
FOX_HILLS___ESR 323835	30.71 2.30 0.00	26.33 1.99 0.00	11.27 0.86 0.00	7.50 0.53 0.00	32.07 1.82 0.00	32.41 1.96 0.00	33.45 2.10 0.00	35.32 2.19 0.00	35.28 2.40 0.00	32.07 2.28 0.00	31.98 2.19 0.00	30.89 2.31 0.00	31.64 2.47 0.00	33.40 2.52 -1.19	47.70 2.79 -11.70	47.60 2.92 -10.46	47.59 2.37 -14.51	47.60 2.39 -12.89	47.77 2.36 -10.50	81.67 2.44 -42.08	52.14 2.47 -10.50	53.77 1.92 -22.02	41.89 1.92 -10.59	31.02 2.00 0.00
FPL_FAR_ROCK_GT1 24212	112.23 2.70 -81.13	60.29 2.36 -33.59	15.89 1.05 -4.43	14.55 0.66 -6.93	32.63 2.38 0.00	32.96 2.50 0.00	34.00 2.64 0.00	35.92 2.79 0.00	35.79 2.91 0.00	33.88 2.77 -1.31	58.97 2.67 -26.52	77.85 2.96 -46.31	72.70 3.18 -40.35	115.02 3.27 -82.06	90.76 3.67 -53.88	112.25 3.82 -74.20	85.85 3.04 -52.10	91.97 3.01 -56.63	91.97 3.09 -53.97	111.36 3.43 -70.77	125.41 3.60 -82.66	41.31 2.69 -8.79	34.02 2.72 -1.92	32.21 2.81 -0.38
FPL_FAR_ROCK_GT2 23815	112.23 2.70 -81.13	60.29 2.36 -33.59	15.89 1.05 -4.43	14.55 0.66 -6.93	32.63 2.38 0.00	32.96 2.50 0.00	34.00 2.64 0.00	35.92 2.79 0.00	35.79 2.91 0.00	33.88 2.77 -1.31	58.97 2.67 -26.52	77.85 2.96 -46.31	72.70 3.18 -40.35	115.02 3.27 -82.06	90.76 3.67 -53.88	112.25 3.82 -74.20	85.85 3.04 -52.10	91.97 3.01 -56.63	91.97 3.09 -53.97	111.36 3.43 -70.77	125.41 3.60 -82.66	41.31 2.69 -8.79	34.02 2.72 -1.92	32.21 2.81 -0.38
FRANKLIN_FALL_HYD 24054	27.94 -0.47 0.00	23.81 -0.53 0.00	10.13 -0.27 0.00	6.79 -0.18 0.00	29.74 -0.51 0.00	29.93 -0.52 0.00	30.87 -0.49 0.00	32.95 -0.18 0.00	32.84 -0.03 0.00	29.82 0.03 0.00	29.80 0.01 0.00	28.55 -0.04 0.00	29.11 -0.06 0.00	29.53 -0.17 0.00	32.97 -0.24 0.00	33.96 -0.26 0.00	30.65 -0.07 0.00	32.08 -0.25 0.00	34.77 -0.13 0.00	37.16 0.01 0.00	39.16 0.01 0.00	29.81 -0.02 0.00	29.09 -0.29 0.00	28.66 -0.36 0.00

FREPORT_EQUS_GT1 23764	63.23 2.51 -32.31	44.02 2.20 -17.48	13.28 0.99 -1.88	10.44 0.62 -2.85	32.45 2.20 0.00	32.77 2.31 0.00	33.81 2.45 0.00	35.72 2.59 0.00	35.58 2.70 0.00	33.43 2.54 -1.09	50.88 2.45 -18.65	49.40 2.74 -18.07	47.24 2.95 -15.13	63.48 3.02 -30.77	57.38 3.45 -20.72	65.64 3.59 -27.82	53.17 2.93 -19.53	54.73 2.91 -19.50	53.87 2.92 -16.04	65.89 3.24 -25.49	74.31 3.39 -31.76	36.47 2.50 -4.14	33.86 2.57 -1.92	32.09 2.69 -0.38
FREEPORT___CT2 23818	63.23 2.51 -32.31	44.02 2.20 -17.48	13.28 0.99 -1.88	10.44 0.62 -2.85	32.45 2.20 0.00	32.77 2.31 0.00	33.81 2.45 0.00	35.72 2.59 0.00	35.58 2.70 0.00	33.43 2.54 -1.09	50.88 2.45 -18.65	49.40 2.74 -18.07	47.24 2.95 -15.13	63.48 3.02 -30.77	57.38 3.45 -20.72	65.64 3.59 -27.82	53.17 2.93 -19.53	54.73 2.91 -19.50	53.87 2.92 -16.04	65.89 3.24 -25.49	74.31 3.39 -31.76	36.47 2.50 -4.14	33.86 2.57 -1.92	32.09 2.69 -0.38
FRESHKLS_33_KV_LOAD 356253	30.83 2.42 0.00	26.44 2.09 0.00	11.31 0.91 0.00	7.53 0.56 0.00	32.20 1.95 0.00	32.55 2.09 0.00	33.55 2.20 0.00	35.32 2.19 0.00	35.26 2.39 0.00	32.05 2.26 0.00	31.94 2.15 0.00	30.84 2.25 0.00	31.56 2.39 0.00	33.33 2.46 -1.19	47.62 2.71 -11.70	47.51 2.83 -10.46	47.48 2.26 -14.51	47.48 2.27 -12.89	45.90 2.25 -8.74	67.15 2.29 -27.70	48.42 2.34 -6.92	46.96 1.80 -15.32	41.20 1.82 -10.00	30.95 1.93 0.00
FULTON COGEN____ 23766	27.86 -0.55 0.00	23.87 -0.47 0.00	10.20 -0.21 0.00	6.82 -0.15 0.00	29.53 -0.72 0.00	29.77 -0.69 0.00	30.61 -0.75 0.00	32.25 -0.88 0.00	32.00 -0.88 0.00	28.95 -0.84 0.00	28.94 -0.84 0.00	27.75 -0.83 0.00	28.29 -0.88 0.00	28.80 -0.89 0.00	32.27 -0.94 0.00	33.24 -0.99 0.00	29.81 -0.91 0.00	31.42 -0.91 0.00	33.93 -0.97 0.00	36.14 -1.02 0.00	38.11 -1.05 0.00	29.01 -0.82 0.00	28.58 -0.80 0.00	28.33 -0.69 0.00
FULTON___LFGE 323630	29.73 1.32 0.00	25.47 1.12 0.00	10.88 0.48 0.00	7.26 0.29 0.00	31.49 1.23 0.00	31.72 1.26 0.00	32.74 1.36 -0.03	34.48 0.99 -0.36	33.29 0.42 0.00	30.18 0.39 0.00	29.86 0.07 0.00	28.65 0.07 0.00	29.22 0.06 0.00	29.66 -0.03 0.00	33.35 0.13 0.00	34.71 0.48 0.00	31.54 0.83 0.00	33.59 1.26 0.00	36.40 1.49 0.00	38.86 1.70 0.00	41.10 1.94 0.00	31.24 1.41 0.00	30.66 1.29 0.00	30.27 1.26 0.00
G.F.CEMENT___DRP 24184	29.67 1.26 0.00	25.54 1.20 0.00	10.93 0.52 0.00	7.31 0.34 0.00	31.55 1.30 0.00	32.01 1.55 0.00	33.40 1.85 -0.19	37.34 1.75 -2.46	34.05 1.17 0.00	30.48 0.68 0.00	30.47 0.69 0.00	29.11 0.52 0.00	29.76 0.59 0.00	30.45 0.76 0.00	34.04 0.83 0.00	35.21 0.98 0.00	31.93 1.22 0.00	34.04 1.72 0.00	36.99 2.08 0.00	39.58 2.42 0.00	41.68 2.52 0.00	31.65 1.81 0.00	31.00 1.63 0.00	30.65 1.63 0.00
GARDENVILLE___LBMP 24039	27.37 -1.04 0.00	23.45 -0.89 0.00	9.95 -0.45 0.00	6.68 -0.30 0.00	28.80 -1.45 0.00	29.28 -1.19 0.00	30.07 -1.29 0.00	31.30 -1.83 0.00	31.37 -1.50 0.00	28.56 -1.24 0.00	28.55 -1.23 0.00	27.22 -1.36 0.00	27.67 -1.49 0.00	27.87 -1.77 0.05	22.18 -1.85 9.18	19.30 -2.07 12.86	25.60 -2.16 2.96	25.31 -2.20 4.82	16.26 -2.55 16.10	16.73 -2.90 17.52	18.32 -2.94 17.89	11.46 -2.14 16.22	12.06 -2.01 15.31	25.49 -1.82 1.71
GARDNVLA_35_KV_LD 355827	27.49 -0.92 0.00	23.54 -0.80 0.00	10.00 -0.41 0.00	6.70 -0.27 0.00	28.90 -1.35 0.00	29.36 -1.09 0.00	30.16 -1.20 0.00	31.39 -1.75 0.00	31.48 -1.40 0.00	28.65 -1.14 0.00	28.68 -1.11 0.00	27.35 -1.24 0.00	27.79 -1.38 0.00	28.01 -1.63 0.04	24.07 -1.72 7.42	21.87 -1.95 10.40	26.29 -2.04 2.39	26.37 -2.06 3.90	19.46 -2.42 13.03	20.18 -2.77 14.21	21.85 -2.79 14.51	14.66 -2.05 13.12	15.09 -1.91 12.38	25.91 -1.73 1.38
GELCKHM___115KV_LOAD 80723	28.11 -0.30 0.00	24.09 -0.24 0.00	10.30 -0.11 0.00	6.89 -0.08 0.00	29.80 -0.45 0.00	30.05 -0.40 0.00	30.92 -0.44 0.00	32.55 -0.58 0.00	32.30 -0.57 0.00	29.29 -0.50 0.00	29.28 -0.51 0.00	28.05 -0.53 0.00	28.62 -0.55 0.00	29.13 -0.56 0.00	32.64 -0.58 0.00	33.60 -0.63 0.00	30.10 -0.62 0.00	31.71 -0.61 0.00	34.24 -0.67 0.00	36.43 -0.72 0.00	38.43 -0.73 0.00	29.27 -0.56 0.00	28.82 -0.55 0.00	28.58 -0.44 0.00
GENERAL___MILLS 23808	27.43 -0.97 0.00	23.51 -0.83 0.00	9.98 -0.43 0.00	6.69 -0.28 0.00	28.86 -1.39 0.00	29.33 -1.13 0.00	30.12 -1.24 0.00	31.34 -1.79 0.00	31.43 -1.44 0.00	28.61 -1.19 0.00	28.62 -1.16 0.00	27.29 -1.29 0.00	27.74 -1.43 0.00	27.95 -1.69 0.05	23.54 -1.77 7.90	21.15 -2.01 11.06	26.07 -2.10 2.55	26.06 -2.12 4.15	18.57 -2.47 13.86	19.22 -2.83 15.11	20.87 -2.86 15.43	13.78 -2.09 13.96	14.25 -1.96 13.17	25.78 -1.77 1.47
GE_PLASTICS___DRP 24183	29.00 0.59 0.00	24.90 0.56 0.00	10.67 0.26 0.00	7.12 0.15 0.00	30.71 0.46 0.00	30.95 0.50 0.00	31.74 0.54 0.16	31.55 0.52 2.10	33.21 0.34 0.00	30.03 0.24 0.00	30.03 0.24 0.00	28.85 0.26 0.00	29.48 0.31 0.00	30.08 0.39 0.00	33.63 0.41 0.00	34.60 0.38 0.00	31.06 0.35 0.00	32.77 0.45 0.00	35.46 0.55 0.00	37.80 0.64 0.00	39.82 0.66 0.00	30.32 0.48 0.00	29.95 0.58 0.00	29.65 0.63 0.00
GILBOA___1 23756	29.13 0.72 0.00	25.02 0.67 0.00	10.74 0.34 0.00	7.17 0.20 0.00	30.90 0.65 0.00	31.06 0.60 0.00	32.01 0.65 0.00	33.80 0.67 0.00	33.50 0.62 0.00	30.34 0.54 0.00	30.32 0.53 0.00	29.13 0.54 0.00	29.76 0.60 0.00	30.34 0.66 0.00	33.95 0.73 0.00	34.97 0.74 0.00	31.34 0.63 0.00	33.01 0.68 0.00	35.60 0.69 0.00	37.90 0.74 0.00	39.94 0.78 0.00	30.42 0.59 0.00	30.03 0.65 0.00	29.72 0.70 0.00
GILBOA___2 23757	29.13 0.72 0.00	25.02 0.67 0.00	10.74 0.34 0.00	7.17 0.20 0.00	30.90 0.65 0.00	31.06 0.60 0.00	32.01 0.65 0.00	33.80 0.67 0.00	33.50 0.62 0.00	30.34 0.54 0.00	30.32 0.53 0.00	29.13 0.54 0.00	29.76 0.60 0.00	30.34 0.66 0.00	33.95 0.73 0.00	34.97 0.74 0.00	31.34 0.63 0.00	33.01 0.68 0.00	35.60 0.69 0.00	37.90 0.74 0.00	39.94 0.78 0.00	30.42 0.59 0.00	30.03 0.65 0.00	29.72 0.70 0.00
GILBOA___3 23758	29.13 0.72 0.00	25.02 0.67 0.00	10.74 0.34 0.00	7.17 0.20 0.00	30.90 0.65 0.00	31.06 0.60 0.00	32.01 0.65 0.00	33.80 0.67 0.00	33.50 0.62 0.00	30.34 0.54 0.00	30.32 0.53 0.00	29.13 0.54 0.00	29.76 0.60 0.00	30.34 0.66 0.00	33.95 0.73 0.00	34.97 0.74 0.00	31.34 0.63 0.00	33.01 0.68 0.00	35.60 0.69 0.00	37.90 0.74 0.00	39.94 0.78 0.00	30.42 0.59 0.00	30.03 0.65 0.00	29.72 0.70 0.00
GILBOA___4 23759	29.13 0.72 0.00	25.02 0.67 0.00	10.74 0.34 0.00	7.17 0.20 0.00	30.90 0.65 0.00	31.06 0.60 0.00	32.01 0.65 0.00	33.80 0.67 0.00	33.50 0.62 0.00	30.34 0.54 0.00	30.32 0.53 0.00	29.13 0.54 0.00	29.76 0.60 0.00	30.34 0.66 0.00	33.95 0.73 0.00	34.97 0.74 0.00	31.34 0.63 0.00	33.01 0.68 0.00	35.60 0.69 0.00	37.90 0.74 0.00	39.94 0.78 0.00	30.42 0.59 0.00	30.03 0.65 0.00	29.72 0.70 0.00

GILBOA____ 23599	29.13 0.72 0.00	25.02 0.67 0.00	10.74 0.34 0.00	7.17 0.20 0.00	30.90 0.65 0.00	31.06 0.60 0.00	32.01 0.65 0.00	33.80 0.66 0.00	33.50 0.62 0.00	30.34 0.54 0.00	30.32 0.53 0.00	29.13 0.55 0.00	29.77 0.60 0.00	30.35 0.66 0.00	33.94 0.73 0.00	34.97 0.74 0.00	31.35 0.63 0.00	33.01 0.68 0.00	35.61 0.70 0.00	37.91 0.75 0.00	39.94 0.79 0.00	30.43 0.60 0.00	30.03 0.66 0.00	29.72 0.70 0.00
GINNA____ 23603	26.61 -1.80 0.00	22.77 -1.57 0.00	9.70 -0.71 0.00	6.49 -0.48 0.00	28.08 -2.17 0.00	28.43 -2.03 0.00	29.27 -2.08 0.00	30.69 -2.44 0.00	30.56 -2.31 0.00	27.79 -2.01 0.00	27.81 -1.98 0.00	26.65 -1.94 0.00	27.12 -2.05 0.00	27.54 -2.15 0.00	30.85 -2.36 0.00	31.69 -2.54 0.00	28.36 -2.35 0.00	29.91 -2.42 0.00	32.17 -2.73 0.01	34.12 -3.01 0.03	36.02 -3.11 0.03	27.48 -2.35 0.00	27.02 -2.36 0.00	26.79 -2.22 0.00
GLEN PARK____ 23778	28.43 0.02 0.00	24.19 -0.15 0.00	10.29 -0.12 0.00	6.87 -0.10 0.00	30.10 -0.15 0.00	30.13 -0.32 0.00	31.10 -0.25 0.00	32.88 -0.25 0.00	32.19 -0.68 0.00	28.73 -1.06 0.00	28.58 -1.21 0.00	27.28 -1.31 0.00	27.58 -1.59 0.00	27.73 -1.96 0.00	31.06 -2.15 0.00	32.65 -1.58 0.00	29.61 -1.11 0.00	31.25 -1.08 0.00	34.15 -0.76 0.00	36.81 -0.35 0.00	38.80 -0.36 0.00	29.50 -0.34 0.00	28.81 -0.57 0.00	28.41 -0.61 0.00
GLENDALE_27_KV_LOAD 356172	30.61 2.20 0.00	26.25 1.90 0.00	11.24 0.83 0.00	7.48 0.51 0.00	31.99 1.74 0.00	32.32 1.87 0.00	33.45 2.10 0.00	35.43 2.30 0.00	35.40 2.53 0.00	32.21 2.42 0.00	32.14 2.36 0.00	31.04 2.46 0.00	31.83 2.66 0.00	32.40 2.71 0.00	36.23 3.02 0.00	37.40 3.17 0.00	33.34 2.62 0.00	34.98 2.66 0.00	37.57 2.66 0.00	39.93 2.77 0.00	42.01 2.85 0.00	32.04 2.21 0.00	31.55 2.17 0.00	31.23 2.21 0.00
GLENWOOD_IC_1_G5 23712	57.68 2.30 -26.97	44.36 2.00 -18.02	12.59 0.89 -1.29	9.43 0.55 -1.91	32.20 1.94 0.00	32.50 2.05 0.00	33.56 2.21 0.00	35.50 2.37 0.00	35.38 2.50 0.00	33.56 2.38 -1.38	54.46 2.33 -22.35	45.21 2.52 -14.11	42.06 2.72 -10.18	53.19 2.79 -20.71	50.57 3.15 -14.21	56.21 3.27 -18.72	46.55 2.69 -13.14	47.23 2.71 -12.20	45.67 2.72 -8.05	55.23 2.95 -15.12	62.20 3.07 -19.97	35.53 2.31 -3.38	33.60 2.30 -1.92	31.77 2.37 -0.38
GLENWOOD_IC_2_G1 23688	31.26 2.12 -0.74	26.83 1.85 -0.64	11.87 0.82 -0.65	8.36 0.51 -0.88	31.99 1.74 0.00	32.31 1.85 0.00	33.37 2.01 0.00	35.29 2.17 0.00	35.19 2.31 0.00	32.04 2.19 -0.06	32.82 2.12 -0.91	33.10 2.29 -2.23	36.53 2.47 -4.89	42.18 2.54 -9.95	43.33 2.86 -7.25	46.21 2.98 -9.00	39.48 2.45 -6.32	39.20 2.46 -4.41	37.39 2.48 0.00	45.18 2.66 -5.37	50.90 2.76 -8.99	32.57 2.08 -0.66	33.39 2.09 -1.92	31.56 2.16 -0.38
GLENWOOD_IC_3_G1 23689	31.26 2.12 -0.74	26.83 1.85 -0.64	11.87 0.82 -0.65	8.36 0.51 -0.88	31.99 1.74 0.00	32.31 1.85 0.00	33.37 2.01 0.00	35.29 2.17 0.00	35.19 2.31 0.00	32.04 2.19 -0.06	32.82 2.12 -0.91	33.10 2.29 -2.23	36.53 2.47 -4.89	42.18 2.54 -9.95	43.33 2.86 -7.25	46.21 2.98 -9.00	39.48 2.45 -6.32	39.20 2.46 -4.41	37.39 2.48 0.00	45.18 2.66 -5.37	50.90 2.76 -8.99	32.57 2.08 -0.66	33.39 2.09 -1.92	31.56 2.16 -0.38
GLENWOOD____4 23550	57.68 2.30 -26.97	44.36 2.00 -18.02	12.59 0.89 -1.29	9.43 0.55 -1.91	32.20 1.94 0.00	32.50 2.05 0.00	33.56 2.21 0.00	35.50 2.37 0.00	35.38 2.50 0.00	33.56 2.38 -1.38	54.46 2.33 -22.35	45.21 2.52 -14.11	42.06 2.72 -10.18	53.19 2.79 -20.71	50.57 3.15 -14.21	56.21 3.27 -18.72	46.55 2.69 -13.14	47.23 2.71 -12.20	45.67 2.72 -8.05	55.23 2.95 -15.12	62.20 3.07 -19.97	35.53 2.31 -3.38	33.60 2.30 -1.92	31.77 2.37 -0.38
GLENWOOD____5 23614	57.68 2.30 -26.97	44.36 2.00 -18.02	12.59 0.89 -1.29	9.43 0.55 -1.91	32.20 1.94 0.00	32.50 2.05 0.00	33.56 2.21 0.00	35.50 2.37 0.00	35.38 2.50 0.00	33.56 2.38 -1.38	54.46 2.33 -22.35	45.21 2.52 -14.11	42.06 2.72 -10.18	53.19 2.79 -20.71	50.57 3.15 -14.21	56.21 3.27 -18.72	46.55 2.69 -13.14	47.23 2.71 -12.20	45.67 2.72 -8.05	55.23 2.95 -15.12	62.20 3.07 -19.97	35.53 2.31 -3.38	33.60 2.30 -1.92	31.77 2.37 -0.38
GLOBAL GREEN_PORT_GT1 23814	35.92 2.64 -4.86	33.64 2.15 -7.15	11.75 1.01 -0.34	7.99 0.64 -0.39	33.12 2.87 0.00	34.07 3.62 0.00	35.28 3.93 -0.01	37.25 4.11 -0.01	37.04 4.16 0.00	33.94 3.36 -0.79	44.24 2.73 -11.72	34.25 3.00 -2.67	34.36 3.05 -2.15	37.31 3.25 -4.38	40.78 3.92 -3.65	42.49 4.31 -3.96	37.27 3.78 -2.77	38.31 3.89 -2.09	79.39 4.09 -40.39	162.49 4.07 -121.26	192.79 4.15 -149.48	52.12 3.71 -18.57	34.92 3.62 -1.92	33.00 3.60 -0.38
GLOBE____DSASP 323697	26.74 -1.67 0.00	22.88 -1.46 0.00	9.65 -0.76 0.00	6.46 -0.51 0.00	27.87 -2.39 0.00	28.29 -2.17 0.00	29.01 -2.34 0.00	30.07 -3.06 0.00	30.13 -2.75 0.00	27.44 -2.35 0.00	27.51 -2.27 0.00	26.34 -2.24 0.00	26.79 -2.38 0.00	26.91 -2.74 0.04	24.17 -2.86 6.19	22.47 -3.10 8.66	25.60 -3.13 1.99	25.84 -3.25 3.24	20.44 -3.64 10.83	21.30 -4.12 11.74	22.90 -4.27 11.99	15.83 -3.07 10.93	16.18 -2.87 10.32	25.28 -2.59 1.15
GOETHSLN____LBMP 323567	30.26 1.85 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.40 0.43 0.00	31.67 1.41 0.00	31.98 1.53 0.00	33.09 1.74 0.00	35.05 1.92 0.00	35.00 2.13 0.00	31.84 2.04 0.00	31.73 1.95 0.00	30.66 2.08 0.00	31.44 2.28 0.00	31.91 2.34 0.12	34.67 2.64 1.18	35.86 2.77 1.14	30.89 2.26 2.09	33.17 2.29 1.44	36.12 2.30 1.08	35.31 2.40 4.24	40.56 2.46 1.06	29.55 1.94 2.22	30.22 1.91 1.07	30.98 1.96 0.00
GOLAH____69_KV_TB 1_2 80279	27.88 -0.53 0.00	23.84 -0.50 0.00	10.14 -0.27 0.00	6.79 -0.18 0.00	29.34 -0.91 0.00	29.75 -0.71 0.00	30.62 -0.73 0.00	32.01 -1.12 0.00	31.94 -0.94 0.00	29.05 -0.74 0.00	29.06 -0.72 0.00	27.85 -0.74 0.00	28.27 -0.90 0.00	28.63 -1.07 0.00	32.19 -1.04 -0.02	33.00 -1.25 -0.03	29.46 -1.27 -0.01	31.16 -1.17 -0.01	33.54 -1.40 -0.03	35.53 -1.63 -0.01	37.54 -1.63 -0.01	28.66 -1.21 -0.04	28.23 -1.18 -0.04	27.99 -1.03 0.00
GOODYEAR_LAKE_HYD 323669	29.30 0.89 0.00	25.16 0.82 0.00	10.77 0.37 0.00	7.19 0.22 0.00	31.09 0.84 0.00	31.33 0.88 0.00	32.32 0.97 0.00	34.07 0.94 0.00	33.88 1.00 0.00	30.78 0.99 0.00	30.73 0.95 0.00	29.48 0.90 0.00	30.09 0.92 0.00	30.61 0.91 0.00	34.28 1.07 0.00	35.39 1.17 0.00	31.65 0.93 0.00	33.32 1.00 0.00	35.94 1.03 -0.01	38.22 1.04 -0.02	40.28 1.10 -0.02	30.66 0.82 0.00	30.12 0.74 0.00	29.76 0.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.54 0.13 0.00	24.55 0.21 0.00	10.49 0.09 0.00	7.02 0.05 0.00	30.22 -0.03 0.00	30.57 0.11 0.00	31.48 0.13 0.00	33.20 0.07 0.00	33.05 0.17 0.00	29.97 0.18 0.00	29.93 0.15 0.00	28.59 0.02 0.00	29.20 0.04 0.00	29.73 0.05 0.00	33.29 0.08 0.00	34.24 0.01 -0.01	30.56 -0.15 0.00	32.20 -0.13 0.00	34.72 -0.20 -0.02	36.98 -0.23 -0.05	39.03 -0.19 -0.05	29.70 -0.13 0.00	29.25 -0.12 0.00	28.97 -0.05 0.00

GOUDEY___7 23579	28.54 0.13 0.00	24.55 0.21 0.00	10.49 0.09 0.00	7.02 0.05 0.00	30.22 -0.03 0.00	30.57 0.11 0.00	31.48 0.13 0.00	33.20 0.07 0.00	33.05 0.17 0.00	29.97 0.18 0.00	29.93 0.15 0.00	28.59 0.02 0.00	29.20 0.04 0.00	29.73 0.05 0.00	33.29 0.08 0.00	34.24 0.01 -0.01	30.56 -0.15 0.00	32.20 -0.13 0.00	34.72 -0.20 -0.02	36.98 -0.23 -0.05	39.03 -0.19 -0.05	29.70 -0.13 0.00	29.25 -0.12 0.00	28.97 -0.05 0.00
GOUDEY___8 23580	28.54 0.13 0.00	24.55 0.21 0.00	10.49 0.09 0.00	7.02 0.05 0.00	30.22 -0.03 0.00	30.57 0.11 0.00	31.48 0.13 0.00	33.20 0.07 0.00	33.05 0.17 0.00	29.97 0.18 0.00	29.93 0.15 0.00	28.59 0.02 0.00	29.20 0.04 0.00	29.73 0.05 0.00	33.29 0.08 0.00	34.24 0.01 -0.01	30.56 -0.15 0.00	32.20 -0.13 0.00	34.72 -0.20 -0.02	36.98 -0.23 -0.05	39.03 -0.19 -0.05	29.70 -0.13 0.00	29.25 -0.12 0.00	28.97 -0.05 0.00
GOWANUS_GT1_1 24077	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT1_2 24078	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT1_3 24079	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT1_4 24080	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT1_5 24084	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT1_6 24111	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT1_7 24112	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT1_8 24113	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT2_1 24114	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT2_2 24115	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT2_3 24116	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT2_4 24117	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT2_5 24118	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00

GOWANUS_GT2_6 24119	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT2_7 24120	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT2_8 24121	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_1 24122	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_2 24123	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_3 24124	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_4 24125	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_5 24126	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_6 24127	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_7 24128	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT3_8 24129	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
GOWANUS_GT4_1 24130	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT4_2 24131	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT4_3 24132	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT4_4 24133	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00

GOWANUS_GT4_5 24134	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT4_6 24135	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT4_7 24136	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GOWANUS_GT4_8 24137	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GREATVRV_69_KV_BK1 356245	38.30 2.90 -6.99	34.85 2.51 -8.00	12.00 1.14 -0.45	8.25 0.71 -0.57	32.85 2.60 0.00	33.21 2.75 0.00	34.28 2.92 0.00	36.17 3.04 0.00	35.97 3.09 0.00	33.48 2.87 -0.82	44.88 2.73 -12.36	35.58 3.16 -3.83	35.61 3.35 -3.09	39.37 3.37 -6.30	42.09 3.98 -4.90	44.01 4.09 -5.70	38.09 3.37 -4.00	38.43 3.30 -2.81	62.31 3.30 -24.10	115.65 3.67 -74.82	136.00 3.87 -92.97	44.57 2.88 -11.86	34.24 2.94 -1.92	32.49 3.09 -0.38
GREENBSH_115KV_TB3 55895	28.90 0.50 0.00	24.81 0.47 0.00	10.63 0.22 0.00	7.10 0.13 0.00	30.58 0.33 0.00	30.84 0.38 0.00	31.54 0.44 0.25	30.36 0.40 3.18	33.05 0.17 0.00	29.86 0.07 0.00	29.88 0.09 0.00	28.69 0.11 0.00	29.33 0.17 0.00	29.96 0.27 0.00	33.45 0.24 0.00	34.42 0.19 0.00	30.89 0.18 0.00	32.59 0.27 0.00	35.30 0.39 0.00	37.65 0.49 0.00	39.66 0.50 0.00	30.18 0.35 0.00	29.85 0.48 0.00	29.54 0.52 0.00
GREENDGE_115KV_TB5 80291	28.15 -0.26 0.00	24.15 -0.19 0.00	10.30 -0.10 0.00	6.90 -0.07 0.00	29.80 -0.46 0.00	30.21 -0.24 0.00	31.14 -0.22 0.00	32.73 -0.41 0.00	32.57 -0.31 0.00	29.49 -0.30 0.00	29.40 -0.38 0.00	28.01 -0.58 0.00	28.48 -0.69 0.00	29.03 -0.73 -0.07	43.71 -0.89 -11.39	49.15 -1.03 -15.96	33.55 -0.85 -3.69	37.52 -0.86 -6.06	53.93 -1.19 -20.21	58.24 -1.24 -22.33	60.66 -1.24 -22.74	48.95 -0.99 -20.11	47.33 -0.97 -18.93	30.36 -0.76 -2.11
GREENIDGE___3 23582	28.15 -0.26 0.00	24.15 -0.19 0.00	10.30 -0.10 0.00	6.90 -0.07 0.00	29.80 -0.46 0.00	30.21 -0.24 0.00	31.14 -0.22 0.00	32.73 -0.41 0.00	32.57 -0.31 0.00	29.49 -0.30 0.00	29.40 -0.38 0.00	28.01 -0.58 0.00	28.48 -0.69 0.00	29.03 -0.73 -0.07	43.71 -0.89 -11.39	49.15 -1.03 -15.96	33.55 -0.85 -3.69	37.52 -0.86 -6.06	53.93 -1.19 -20.21	58.24 -1.24 -22.33	60.66 -1.24 -22.74	48.95 -0.99 -20.11	47.33 -0.97 -18.93	30.36 -0.76 -2.11
GREENIDGE___4 23583	28.15 -0.26 0.00	24.15 -0.19 0.00	10.30 -0.10 0.00	6.90 -0.07 0.00	29.80 -0.46 0.00	30.21 -0.25 0.00	31.14 -0.21 0.00	32.73 -0.40 0.00	32.56 -0.32 0.00	29.49 -0.30 0.00	29.40 -0.38 0.00	28.00 -0.58 0.00	28.48 -0.69 0.00	29.04 -0.72 -0.07	43.72 -0.88 -11.39	49.15 -1.04 -15.96	33.55 -0.85 -3.69	37.52 -0.86 -6.06	53.92 -1.20 -20.21	58.25 -1.23 -22.33	60.66 -1.24 -22.74	48.96 -0.98 -20.11	47.34 -0.96 -18.93	30.36 -0.76 -2.11
GREENLWN_69_KV_BK 3 55738	37.10 2.41 -6.28	34.22 2.14 -7.75	11.79 0.97 -0.41	8.08 0.60 -0.51	32.35 2.10 0.00	32.65 2.19 0.00	33.62 2.27 0.00	35.46 2.33 0.00	35.24 2.36 0.00	32.86 2.25 -0.81	44.14 2.14 -12.21	34.61 2.60 -3.43	34.74 2.83 -2.75	38.18 2.90 -5.59	40.95 3.30 -4.44	42.61 3.33 -5.06	36.96 2.70 -3.54	35.79 2.60 -0.87	24.35 2.53 13.08	14.78 2.84 25.22	14.53 2.99 27.62	29.68 2.24 2.39	33.54 2.25 -1.92	31.85 2.45 -0.38
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00
GRISSOM___SOLAR 323813	29.76 1.35 0.00	25.50 1.16 0.00	10.90 0.49 0.00	7.27 0.30 0.00	31.52 1.26 0.00	31.77 1.31 0.00	32.78 1.40 -0.03	34.46 0.96 -0.36	33.15 0.28 0.00	30.04 0.25 0.00	29.64 -0.14 0.00	28.51 -0.07 0.00	29.10 -0.06 0.00	29.52 -0.18 0.00	33.21 -0.01 0.00	34.57 0.35 0.00	31.51 0.80 0.00	33.56 1.24 0.00	36.38 1.47 0.00	38.90 1.74 0.00	41.15 1.99 0.00	31.27 1.44 0.00	30.72 1.35 0.00	30.33 1.31 0.00
GROVEVILLE___HYD 323602	30.36 1.95 0.00	26.04 1.70 0.00	11.14 0.74 0.00	7.43 0.46 0.00	31.86 1.60 0.00	32.16 1.71 0.00	33.24 1.88 0.00	35.18 2.05 0.00	35.02 2.15 0.00	31.78 1.98 0.00	31.72 1.94 0.00	30.60 2.01 0.00	31.34 2.18 0.00	31.98 2.28 0.00	35.80 2.59 0.00	36.93 2.71 0.00	33.00 2.28 0.00	34.69 2.37 0.00	37.33 2.43 0.00	39.73 2.58 0.00	41.82 2.66 0.00	31.84 2.01 0.00	31.34 1.97 0.00	30.99 1.97 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.23 -0.18 0.00	24.21 -0.13 0.00	10.34 -0.06 0.00	6.92 -0.05 0.00	29.95 -0.30 0.00	30.21 -0.24 0.00	31.07 -0.28 0.00	32.72 -0.40 0.00	32.47 -0.41 0.00	29.44 -0.36 0.00	29.41 -0.37 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.26 -0.43 0.00	32.78 -0.43 0.00	33.75 -0.48 0.00	30.24 -0.48 0.00	31.86 -0.47 0.00	34.40 -0.50 0.00	36.62 -0.54 0.00	38.63 -0.53 0.00	29.42 -0.41 0.00	28.96 -0.42 0.00	28.72 -0.30 0.00
HAMLTNNY_34_KV_TB 80303	28.19 -0.22 0.00	24.17 -0.17 0.00	10.31 -0.09 0.00	6.91 -0.07 0.00	29.88 -0.37 0.00	30.16 -0.30 0.00	31.04 -0.31 0.00	32.63 -0.50 0.00	32.35 -0.53 0.00	29.33 -0.46 0.00	29.31 -0.47 0.00	28.06 -0.52 0.00	28.65 -0.52 0.00	29.11 -0.58 0.00	32.64 -0.57 0.00	33.58 -0.64 0.00	30.10 -0.62 0.00	31.69 -0.64 0.00	34.23 -0.68 0.00	36.41 -0.75 0.00	38.39 -0.77 0.00	29.26 -0.57 0.00	28.80 -0.58 0.00	28.58 -0.44 0.00

HAMPSHIRE___PAPER_HYD 323593	27.63 -0.78 0.00	23.57 -0.77 0.00	10.03 -0.37 0.00	6.72 -0.26 0.00	29.50 -0.76 0.00	29.71 -0.75 0.00	30.64 -0.72 0.00	32.44 -0.69 0.00	31.95 -0.92 0.00	28.86 -0.94 0.00	28.80 -0.99 0.00	27.56 -1.02 0.00	27.92 -1.24 0.00	28.21 -1.48 0.00	31.53 -1.68 0.00	32.82 -1.40 0.00	29.69 -1.02 0.00	31.14 -1.19 0.00	33.81 -1.10 0.00	36.16 -0.99 0.00	38.13 -1.02 0.00	29.10 -0.74 0.00	28.36 -1.02 0.00	27.86 -1.16 0.00
HARDSCRABBLE_WT_PWR 323673	28.75 0.34 0.00	24.71 0.37 0.00	10.60 0.19 0.00	7.05 0.08 0.00	30.18 -0.07 0.00	30.43 -0.03 0.00	31.37 0.01 0.00	32.99 -0.14 0.00	32.37 -0.51 0.00	29.19 -0.60 0.00	29.02 -0.76 0.00	27.81 -0.77 0.00	28.40 -0.76 0.00	28.91 -0.78 0.00	32.36 -0.85 0.00	33.61 -0.61 0.00	30.43 -0.28 0.00	32.44 0.11 0.00	35.19 0.29 0.00	37.50 0.34 0.00	39.49 0.33 0.00	29.94 0.11 0.00	29.55 0.17 0.00	29.25 0.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.14 1.74 0.00	25.86 1.52 0.00	11.06 0.66 0.00	7.37 0.40 0.00	31.62 1.37 0.00	31.93 1.47 0.00	32.99 1.64 0.00	34.94 1.81 0.00	34.82 1.94 0.00	31.62 1.82 0.00	31.57 1.79 0.00	30.46 1.87 0.00	31.19 2.02 0.00	31.82 2.13 0.00	35.63 2.42 0.00	36.76 2.53 0.00	32.83 2.12 0.00	34.51 2.19 0.00	37.11 2.21 0.00	39.49 2.33 0.00	41.55 2.40 0.00	31.66 1.83 0.00	31.15 1.78 0.00	30.79 1.77 0.00
HARSNRAD_115KV_TB1 81005	26.99 -1.42 0.00	23.08 -1.26 0.00	9.78 -0.62 0.00	6.56 -0.41 0.00	28.34 -1.91 0.00	28.78 -1.68 0.00	29.54 -1.81 0.00	30.62 -2.51 0.00	30.71 -2.16 0.00	27.98 -1.81 0.00	28.05 -1.74 0.00	26.79 -1.79 0.00	27.21 -1.96 0.00	27.37 -2.29 0.04	24.83 -2.30 6.09	23.16 -2.51 8.55	26.10 -2.65 1.96	26.42 -2.69 3.22	21.13 -3.02 10.76	21.84 -3.44 11.87	23.51 -3.52 12.12	16.49 -2.57 10.78	16.88 -2.34 10.15	25.72 -2.17 1.13
HARZA MOOSE___RIVER 24016	28.69 0.28 0.00	24.53 0.19 0.00	10.45 0.04 0.00	6.98 0.01 0.00	30.44 0.18 0.00	30.57 0.11 0.00	31.54 0.18 0.00	33.34 0.21 0.00	32.88 0.01 0.00	29.70 -0.09 0.00	29.58 -0.21 0.00	28.27 -0.31 0.00	28.64 -0.52 0.00	28.97 -0.72 0.00	32.44 -0.77 0.00	33.86 -0.36 0.00	30.58 -0.13 0.00	32.26 -0.07 0.00	34.95 0.05 0.00	37.28 0.12 0.00	39.20 0.04 0.00	29.78 -0.05 0.00	29.19 -0.19 0.00	28.72 -0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.17 -0.24 0.00	24.15 -0.20 0.00	10.32 -0.09 0.00	6.90 -0.07 0.00	29.85 -0.41 0.00	30.11 -0.35 0.00	30.97 -0.39 0.00	32.62 -0.51 0.00	32.39 -0.48 0.00	29.38 -0.42 0.00	29.36 -0.43 0.00	28.14 -0.45 0.00	28.71 -0.46 0.00	29.23 -0.46 0.00	32.74 -0.47 0.00	33.70 -0.52 0.00	30.18 -0.54 0.00	31.79 -0.53 0.00	34.32 -0.59 0.00	36.52 -0.64 0.00	38.51 -0.65 0.00	29.32 -0.52 0.00	28.88 -0.49 0.00	28.64 -0.38 0.00
HELLGATE_13_KV_LD 55870	30.67 2.26 0.00	26.28 1.94 0.00	11.25 0.84 0.00	7.49 0.52 0.00	32.01 1.76 0.00	32.35 1.90 0.00	33.48 2.13 0.00	35.44 2.31 0.00	35.41 2.53 0.00	32.19 2.40 0.00	32.12 2.34 0.00	31.04 2.46 0.00	31.82 2.65 0.00	32.40 2.70 0.00	36.21 3.00 0.00	37.37 3.14 0.00	33.32 2.60 0.00	34.97 2.65 0.00	37.59 2.68 0.00	39.96 2.80 0.00	42.01 2.85 0.00	32.02 2.19 0.00	31.58 2.20 0.00	31.27 2.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.67 2.26 0.00	26.28 1.94 0.00	11.25 0.84 0.00	7.49 0.52 0.00	32.01 1.76 0.00	32.35 1.90 0.00	33.48 2.13 0.00	35.44 2.31 0.00	35.41 2.53 0.00	32.19 2.40 0.00	32.12 2.34 0.00	31.04 2.46 0.00	31.82 2.65 0.00	32.40 2.70 0.00	36.21 3.00 0.00	37.37 3.14 0.00	33.32 2.60 0.00	34.97 2.65 0.00	37.59 2.68 0.00	39.96 2.80 0.00	42.01 2.85 0.00	32.02 2.19 0.00	31.58 2.20 0.00	31.27 2.25 0.00
HEMPSTEAD___ 23647	57.63 2.29 -26.94	43.01 1.99 -16.68	12.80 0.90 -1.49	9.76 0.56 -2.23	32.21 1.95 0.00	32.50 2.04 0.00	33.54 2.19 0.00	35.46 2.33 0.00	35.32 2.45 0.00	33.32 2.32 -1.20	51.75 2.25 -19.71	45.69 2.52 -14.60	43.31 2.72 -11.43	55.72 2.78 -23.25	52.23 3.16 -15.85	58.53 3.29 -21.02	48.16 2.68 -14.76	49.01 2.65 -14.04	47.52 2.66 -9.95	57.51 2.93 -17.43	64.79 3.06 -22.57	35.51 2.26 -3.41	33.60 2.30 -1.92	31.81 2.41 -0.38
HICKLING___1 23621	28.28 -0.12 0.00	24.32 -0.02 0.00	10.38 -0.03 0.00	6.96 -0.01 0.00	29.94 -0.31 0.00	30.42 -0.04 0.00	31.31 -0.04 0.00	32.92 -0.21 0.00	32.88 0.00 0.00	29.81 0.02 0.00	29.74 -0.05 0.00	28.21 -0.37 0.00	28.74 -0.43 0.00	29.26 -0.46 -0.03	36.83 -0.55 -4.17	39.03 -0.66 -5.47	31.43 -0.75 -1.47	34.08 -0.75 -2.50	41.79 -0.95 -7.83	44.90 -0.97 -8.71	46.59 -0.97 -8.40	35.85 -0.79 -6.82	34.95 -0.80 -6.37	28.98 -0.75 -0.70
HICKLING___2 23622	28.28 -0.12 0.00	24.32 -0.02 0.00	10.38 -0.03 0.00	6.96 -0.01 0.00	29.94 -0.31 0.00	30.42 -0.04 0.00	31.31 -0.04 0.00	32.92 -0.21 0.00	32.88 0.00 0.00	29.81 0.02 0.00	29.74 -0.05 0.00	28.21 -0.37 0.00	28.74 -0.43 0.00	29.26 -0.46 -0.03	36.83 -0.55 -4.17	39.03 -0.66 -5.47	31.43 -0.75 -1.47	34.08 -0.75 -2.50	41.79 -0.95 -7.83	44.90 -0.97 -8.71	46.59 -0.97 -8.40	35.85 -0.79 -6.82	34.95 -0.80 -6.37	28.98 -0.75 -0.70
HIGH FALLS___HY 23754	30.50 2.09 0.00	26.15 1.81 0.00	11.18 0.78 0.00	7.45 0.48 0.00	31.96 1.71 0.00	32.26 1.80 0.00	33.34 2.01 0.03	35.00 2.22 0.35	35.26 2.38 0.00	31.96 2.16 0.00	31.87 2.09 0.00	30.75 2.17 0.00	31.49 2.33 0.00	32.17 2.48 0.00	36.02 2.81 0.00	37.11 2.89 0.00	33.18 2.46 0.00	34.92 2.59 0.00	37.56 2.65 0.00	40.00 2.84 0.00	42.09 2.93 0.00	32.04 2.21 0.00	31.49 2.12 0.00	31.10 2.09 0.00
HIGH_RIVER___SOLAR 323847	29.43 1.02 0.00	25.24 0.90 0.00	10.80 0.39 0.00	7.21 0.24 0.00	31.18 0.93 0.00	31.42 0.97 0.00	32.42 1.04 -0.03	34.34 0.82 -0.39	33.25 0.37 0.00	29.97 0.18 0.00	29.73 -0.06 0.00	28.52 -0.06 0.00	29.11 -0.05 0.00	29.67 -0.02 0.00	33.22 0.01 0.00	34.47 0.25 0.00	31.21 0.50 0.00	33.15 0.82 0.00	35.96 1.05 0.00	38.43 1.28 0.00	40.59 1.43 0.00	30.88 1.04 0.00	30.39 1.01 0.00	30.04 1.02 0.00
HILLBURN___GT 23639	30.13 1.72 0.00	25.85 1.51 0.00	11.06 0.65 0.00	7.37 0.40 0.00	31.58 1.33 0.00	31.89 1.44 0.00	32.96 1.60 0.00	34.91 1.78 0.00	34.81 1.94 0.00	31.62 1.82 0.00	31.57 1.79 0.00	30.46 1.87 0.00	31.20 2.03 0.00	31.81 2.12 0.00	35.62 2.41 0.00	36.77 2.54 0.00	32.79 2.08 0.00	34.45 2.12 0.00	37.03 2.12 0.00	39.39 2.24 0.00	41.47 2.31 0.00	31.59 1.76 0.00	31.12 1.75 0.00	30.80 1.78 0.00
HILLSIDE_115KV_TB1 80332	27.98 -0.42 0.00	24.12 -0.22 0.00	10.30 -0.11 0.00	6.90 -0.07 0.00	29.61 -0.64 0.00	30.07 -0.39 0.00	30.96 -0.40 0.00	32.64 -0.49 0.00	32.56 -0.31 0.00	29.52 -0.27 0.00	29.50 -0.28 0.00	28.02 -0.57 0.00	28.61 -0.55 0.00	29.16 -0.54 -0.02	35.88 -0.63 -3.30	38.06 -0.76 -4.60	30.91 -0.88 -1.08	33.20 -0.91 -1.78	39.69 -1.10 -5.89	42.52 -1.17 -6.54	44.63 -1.16 -6.63	34.74 -0.88 -5.79	33.97 -0.85 -5.44	28.87 -0.75 -0.61

HISHELDN_WT_PWR 323625	27.25 -1.16 0.00	23.37 -0.98 0.00	9.94 -0.47 0.00	6.67 -0.30 0.00	28.80 -1.45 0.00	29.28 -1.18 0.00	30.05 -1.31 0.00	31.34 -1.79 0.00	31.35 -1.52 0.00	28.51 -1.29 0.00	28.45 -1.33 0.00	26.97 -1.61 0.00	27.36 -1.81 0.00	27.54 -2.02 0.12	9.89 -2.21 21.11	2.17 -2.40 29.65	21.52 -2.40 6.80	18.78 -2.41 11.13	-5.02 -2.66 37.26	-6.72 -2.91 40.96	-5.67 -3.00 41.83	-9.79 -2.23 37.39	-8.02 -2.16 35.23	23.00 -2.10 3.92
HOLTSVILLE_IC_1 23690	35.74 2.63 -4.71	33.72 2.29 -7.08	11.78 1.05 -0.33	8.00 0.66 -0.38	32.63 2.38 0.00	33.00 2.54 0.00	34.05 2.69 -0.01	35.92 2.78 -0.01	35.68 2.80 0.00	33.17 2.59 -0.79	43.89 2.42 -11.68	34.06 2.88 -2.60	34.34 3.09 -2.09	37.08 3.14 -4.25	40.46 3.68 -3.57	41.85 3.78 -3.85	36.52 3.10 -2.70	37.33 3.03 -1.97	77.18 2.99 -39.28	158.93 3.33 -118.44	188.95 3.49 -146.29	50.63 2.60 -18.20	33.98 2.69 -1.92	32.25 2.85 -0.38
HOLTSVILLE_IC_10 23699	36.56 2.83 -5.32	34.13 2.46 -7.33	11.88 1.11 -0.36	8.08 0.69 -0.42	32.76 2.52 0.00	33.16 2.70 0.00	34.22 2.86 -0.01	36.10 2.96 -0.01	35.87 3.00 0.00	33.35 2.76 -0.79	44.23 2.60 -11.85	34.53 3.05 -2.90	34.77 3.28 -2.33	37.75 3.31 -4.75	41.00 3.90 -3.89	42.53 4.02 -4.29	37.04 3.31 -3.01	38.04 3.25 -2.47	81.53 3.23 -43.39	169.55 3.58 -128.81	200.92 3.77 -157.99	52.20 2.79 -19.58	34.14 2.85 -1.92	32.40 3.00 -0.38
HOLTSVILLE_IC_2 23691	35.74 2.63 -4.71	33.72 2.29 -7.08	11.78 1.05 -0.33	8.00 0.66 -0.38	32.63 2.38 0.00	33.00 2.54 0.00	34.05 2.69 -0.01	35.92 2.78 -0.01	35.68 2.80 0.00	33.17 2.59 -0.79	43.89 2.42 -11.68	34.06 2.88 -2.60	34.34 3.09 -2.09	37.08 3.14 -4.25	40.46 3.68 -3.57	41.85 3.78 -3.85	36.52 3.10 -2.70	37.33 3.03 -1.97	77.18 2.99 -39.28	158.93 3.33 -118.44	188.95 3.49 -146.29	50.63 2.60 -18.20	33.98 2.69 -1.92	32.25 2.85 -0.38
HOLTSVILLE_IC_3 23692	35.74 2.63 -4.71	33.72 2.29 -7.08	11.78 1.05 -0.33	8.00 0.66 -0.38	32.63 2.38 0.00	33.00 2.54 0.00	34.05 2.69 -0.01	35.92 2.78 -0.01	35.68 2.80 0.00	33.17 2.59 -0.79	43.89 2.42 -11.68	34.06 2.88 -2.60	34.34 3.09 -2.09	37.08 3.14 -4.25	40.46 3.68 -3.57	41.85 3.78 -3.85	36.52 3.10 -2.70	37.33 3.03 -1.97	77.18 2.99 -39.28	158.93 3.33 -118.44	188.95 3.49 -146.29	50.63 2.60 -18.20	33.98 2.69 -1.92	32.25 2.85 -0.38
HOLTSVILLE_IC_4 23693	35.74 2.63 -4.71	33.72 2.29 -7.08	11.78 1.05 -0.33	8.00 0.66 -0.38	32.63 2.38 0.00	33.00 2.54 0.00	34.05 2.69 -0.01	35.92 2.78 -0.01	35.68 2.80 0.00	33.17 2.59 -0.79	43.89 2.42 -11.68	34.06 2.88 -2.60	34.34 3.09 -2.09	37.08 3.14 -4.25	40.46 3.68 -3.57	41.85 3.78 -3.85	36.52 3.10 -2.70	37.33 3.03 -1.97	77.18 2.99 -39.28	158.93 3.33 -118.44	188.95 3.49 -146.29	50.63 2.60 -18.20	33.98 2.69 -1.92	32.25 2.85 -0.38
HOLTSVILLE_IC_5 23694	35.74 2.63 -4.71	33.72 2.29 -7.08	11.78 1.05 -0.33	8.00 0.66 -0.38	32.63 2.38 0.00	33.00 2.54 0.00	34.05 2.69 -0.01	35.92 2.78 -0.01	35.68 2.80 0.00	33.17 2.59 -0.79	43.89 2.42 -11.68	34.06 2.88 -2.60	34.34 3.09 -2.09	37.08 3.14 -4.25	40.46 3.68 -3.57	41.85 3.78 -3.85	36.52 3.10 -2.70	37.33 3.03 -1.97	77.18 2.99 -39.28	158.93 3.33 -118.44	188.95 3.49 -146.29	50.63 2.60 -18.20	33.98 2.69 -1.92	32.25 2.85 -0.38
HOLTSVILLE_IC_6 23695	36.56 2.83 -5.32	34.13 2.46 -7.33	11.88 1.11 -0.36	8.08 0.69 -0.42	32.76 2.52 0.00	33.16 2.70 0.00	34.22 2.86 -0.01	36.10 2.96 -0.01	35.87 3.00 0.00	33.35 2.76 -0.79	44.23 2.60 -11.85	34.53 3.05 -2.90	34.77 3.28 -2.33	37.75 3.31 -4.75	41.00 3.90 -3.89	42.53 4.02 -4.29	37.04 3.31 -3.01	38.04 3.25 -2.47	81.53 3.23 -43.39	169.55 3.58 -128.81	200.92 3.77 -157.99	52.20 2.79 -19.58	34.14 2.85 -1.92	32.40 3.00 -0.38
HOLTSVILLE_IC_7 23696	36.56 2.83 -5.32	34.13 2.46 -7.33	11.88 1.11 -0.36	8.08 0.69 -0.42	32.76 2.52 0.00	33.16 2.70 0.00	34.22 2.86 -0.01	36.10 2.96 -0.01	35.87 3.00 0.00	33.35 2.76 -0.79	44.23 2.60 -11.85	34.53 3.05 -2.90	34.77 3.28 -2.33	37.75 3.31 -4.75	41.00 3.90 -3.89	42.53 4.02 -4.29	37.04 3.31 -3.01	38.04 3.25 -2.47	81.53 3.23 -43.39	169.55 3.58 -128.81	200.92 3.77 -157.99	52.20 2.79 -19.58	34.14 2.85 -1.92	32.40 3.00 -0.38
HOLTSVILLE_IC_8 23697	36.56 2.83 -5.32	34.13 2.46 -7.33	11.88 1.11 -0.36	8.08 0.69 -0.42	32.76 2.52 0.00	33.16 2.70 0.00	34.22 2.86 -0.01	36.10 2.96 -0.01	35.87 3.00 0.00	33.35 2.76 -0.79	44.23 2.60 -11.85	34.53 3.05 -2.90	34.77 3.28 -2.33	37.75 3.31 -4.75	41.00 3.90 -3.89	42.53 4.02 -4.29	37.04 3.31 -3.01	38.04 3.25 -2.47	81.53 3.23 -43.39	169.55 3.58 -128.81	200.92 3.77 -157.99	52.20 2.79 -19.58	34.14 2.85 -1.92	32.40 3.00 -0.38
HOLTSVILLE_IC_9 23698	36.56 2.83 -5.32	34.13 2.46 -7.33	11.88 1.11 -0.36	8.08 0.69 -0.42	32.76 2.52 0.00	33.16 2.70 0.00	34.22 2.86 -0.01	36.10 2.96 -0.01	35.87 3.00 0.00	33.35 2.76 -0.79	44.23 2.60 -11.85	34.53 3.05 -2.90	34.77 3.28 -2.33	37.75 3.31 -4.75	41.00 3.90 -3.89	42.53 4.02 -4.29	37.04 3.31 -3.01	38.04 3.25 -2.47	81.53 3.23 -43.39	169.55 3.58 -128.81	200.92 3.77 -157.99	52.20 2.79 -19.58	34.14 2.85 -1.92	32.40 3.00 -0.38
HOMER_HL_115KV_TB2 355744	28.05 -0.36 0.00	24.16 -0.18 0.00	10.30 -0.11 0.00	6.91 -0.06 0.00	29.71 -0.54 0.00	30.22 -0.23 0.00	31.11 -0.24 0.00	32.64 -0.50 0.00	32.69 -0.19 0.00	29.68 -0.12 0.00	29.55 -0.24 0.00	27.97 -0.61 0.00	28.47 -0.70 0.00	28.86 -0.82 0.01	30.74 -0.70 1.76	30.80 -0.89 2.54	28.85 -1.28 0.59	30.16 -1.22 0.94	30.25 -1.52 3.15	32.11 -1.71 3.34	34.16 -1.59 3.41	25.52 -1.11 3.21	25.28 -1.06 3.04	27.81 -0.87 0.34
HOWARD_WT_PWR 323690	27.69 -0.72 0.00	23.72 -0.62 0.00	10.14 -0.27 0.00	6.81 -0.16 0.00	29.46 -0.80 0.00	29.99 -0.46 0.00	30.80 -0.56 0.00	32.25 -0.89 0.00	32.16 -0.71 0.00	29.14 -0.65 0.00	28.85 -0.94 0.00	27.14 -1.45 0.00	27.50 -1.67 0.00	27.91 -1.93 -0.14	55.04 -2.25 -24.07	65.66 -2.36 -33.80	36.27 -2.21 -7.77	42.77 -2.32 -12.76	74.86 -2.69 -42.65	81.61 -2.66 -47.12	84.42 -2.81 -48.07	70.10 -2.33 -42.60	67.17 -2.31 -40.10	31.14 -2.34 -4.46
HQ_GEN_CEDARS 23644	28.04 -0.37 0.00	23.95 -0.39 0.00	10.21 -0.19 0.00	6.86 -0.11 0.00	30.14 -0.11 0.00	30.54 0.08 0.00	31.46 0.10 0.00	33.32 0.19 0.00	33.05 0.18 0.00	29.98 0.19 0.00	30.03 0.25 0.00	28.81 0.23 0.00	29.32 0.16 0.00	29.77 0.08 0.00	33.25 0.04 0.00	34.28 0.06 0.00	30.89 0.17 0.00	32.17 -0.15 0.00	34.81 -0.10 0.00	37.08 -0.07 0.00	39.17 0.01 0.00	30.06 0.23 0.00	29.26 -0.11 0.00	28.76 -0.26 0.00
HQ_GEN_CEDARS_PROXY 323590	27.98 -0.37 0.06	23.95 -0.39 0.00	10.21 -0.19 0.00	6.05 -0.11 0.81	30.03 -0.10 0.12	30.54 0.08 0.00	31.46 0.10 0.00	33.33 0.19 0.00	33.05 0.18 0.00	29.99 0.19 0.00	30.03 0.25 0.00	28.81 0.23 0.00	29.32 0.16 0.00	29.77 0.08 0.00	33.25 0.04 0.00	34.28 0.06 0.00	30.89 0.17 0.00	32.17 -0.15 0.00	34.81 -0.10 0.00	37.08 -0.07 0.00	39.17 0.01 0.00	30.06 0.23 0.00	29.26 -0.11 0.00	28.76 -0.26 0.00

HQ_GEN_IMPORT 323601	28.17 -0.24 0.00	24.09 -0.25 0.00	10.29 -0.12 0.00	6.92 -0.05 0.00	30.25 0.00 0.00	30.43 -0.03 0.00	31.32 -0.03 0.00	33.19 0.07 0.00	32.97 0.10 0.00	29.91 0.11 0.00	29.93 0.15 0.00	28.73 0.14 0.00	29.28 0.11 0.00	29.76 0.07 0.00	33.27 0.06 0.00	34.28 0.06 0.00	30.82 0.11 0.00	32.37 0.05 0.00	34.97 0.07 0.00	37.23 0.07 0.00	39.23 0.08 0.00	29.91 0.08 0.00	29.39 0.01 0.00	28.91 -0.11 0.00
HQ_GEN_WHEEL 23651	28.17 -0.24 0.00	24.09 -0.25 0.00	10.29 -0.12 0.00	6.92 -0.05 0.00	30.25 0.00 0.00	30.43 -0.03 0.00	31.32 -0.03 0.00	33.19 0.07 0.00	32.97 0.10 0.00	29.91 0.11 0.00	29.93 0.15 0.00	28.73 0.14 0.00	29.28 0.11 0.00	29.76 0.07 0.00	33.27 0.06 0.00	34.28 0.06 0.00	30.82 0.11 0.00	32.37 0.05 0.00	34.97 0.07 0.00	37.23 0.07 0.00	39.23 0.08 0.00	29.91 0.08 0.00	29.39 0.01 0.00	28.91 -0.11 0.00
HUDSON AVE_GT_3 23810	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.63 0.00	32.20 1.74 0.00	33.31 1.96 0.00	35.28 2.15 0.00	35.23 2.36 0.00	32.05 2.26 0.00	31.95 2.16 0.00	30.86 2.28 0.00	31.64 2.47 0.00	32.22 2.53 0.00	36.05 2.84 0.00	37.18 2.96 0.00	33.15 2.44 0.00	34.79 2.47 0.00	37.38 2.48 0.00	39.75 2.59 0.00	41.82 2.66 0.00	31.91 2.08 0.00	31.42 2.04 0.00	31.12 2.10 0.00
HUDSON AVE_GT_4 23540	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.63 0.00	32.20 1.74 0.00	33.31 1.96 0.00	35.28 2.15 0.00	35.23 2.36 0.00	32.05 2.26 0.00	31.95 2.16 0.00	30.86 2.28 0.00	31.64 2.47 0.00	32.22 2.53 0.00	36.05 2.84 0.00	37.18 2.96 0.00	33.15 2.44 0.00	34.79 2.47 0.00	37.38 2.48 0.00	39.75 2.59 0.00	41.82 2.66 0.00	31.91 2.08 0.00	31.42 2.04 0.00	31.12 2.10 0.00
HUDSON AVE_GT_5 23657	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.63 0.00	32.20 1.74 0.00	33.31 1.96 0.00	35.28 2.15 0.00	35.23 2.36 0.00	32.05 2.26 0.00	31.95 2.16 0.00	30.86 2.28 0.00	31.64 2.47 0.00	32.22 2.53 0.00	36.05 2.84 0.00	37.18 2.96 0.00	33.15 2.44 0.00	34.79 2.47 0.00	37.38 2.48 0.00	39.75 2.59 0.00	41.82 2.66 0.00	31.91 2.08 0.00	31.42 2.04 0.00	31.12 2.10 0.00
HUDSON_AVE_10 24168	30.37 1.96 0.00	26.08 1.74 0.00	11.17 0.76 0.00	7.43 0.46 0.00	31.79 1.54 0.00	32.12 1.66 0.00	33.23 1.88 0.00	35.19 2.06 0.00	35.13 2.25 0.00	31.95 2.15 0.00	31.81 2.03 0.00	30.74 2.16 0.00	31.51 2.34 0.00	32.09 2.40 0.00	35.91 2.70 0.00	37.04 2.82 0.00	33.02 2.30 0.00	34.65 2.33 0.00	37.22 2.32 0.00	39.59 2.43 0.00	41.63 2.47 0.00	31.77 1.94 0.00	31.30 1.93 0.00	30.99 1.98 0.00
HUDSON___115KV_TB 4 355613	29.39 0.97 0.00	25.21 0.87 0.00	10.80 0.39 0.00	7.21 0.24 0.00	31.09 0.83 0.00	31.38 0.92 0.00	32.21 1.04 0.18	31.71 0.93 2.35	33.26 0.38 0.00	29.88 0.08 0.00	29.89 0.11 0.00	28.70 0.12 0.00	29.35 0.18 0.00	29.97 0.28 0.00	33.46 0.25 0.00	34.44 0.22 0.00	30.91 0.19 0.00	32.82 0.50 0.00	35.61 0.70 0.00	38.04 0.89 0.00	40.13 0.97 0.00	30.52 0.68 0.00	30.16 0.78 0.00	29.82 0.80 0.00
HUNTER MOUNT___DRP 323613	29.46 1.05 0.00	25.27 0.93 0.00	10.82 0.42 0.00	7.23 0.26 0.00	31.18 0.93 0.00	31.48 1.03 0.00	32.36 1.15 0.15	32.33 1.08 1.88	33.66 0.78 0.00	30.47 0.67 0.00	30.36 0.57 0.00	29.07 0.48 0.00	29.69 0.52 0.00	30.31 0.63 0.00	34.08 0.86 0.00	35.07 0.85 0.00	31.59 0.87 0.00	33.62 1.29 0.00	36.46 1.55 0.00	38.95 1.80 0.00	41.13 1.98 0.00	31.25 1.42 0.00	30.80 1.43 0.00	30.38 1.37 0.00
HUNTINGTON_RES_REC 323705	36.53 2.61 -5.51	34.05 2.28 -7.43	11.80 1.03 -0.37	8.04 0.63 -0.44	32.50 2.25 0.00	32.84 2.38 0.00	33.85 2.49 0.00	35.68 2.55 0.00	35.43 2.56 0.00	32.99 2.40 -0.80	43.99 2.27 -11.94	34.32 2.74 -3.00	34.56 3.00 -2.40	37.61 3.04 -4.89	40.71 3.52 -3.98	42.24 3.59 -4.42	36.73 2.92 -3.10	34.64 2.83 0.52	1.32 2.78 36.36	-47.34 3.09 87.59	-60.44 3.26 102.87	20.97 2.42 11.28	33.75 2.46 -1.92	32.05 2.66 -0.38
HUNTLEY___63 23557	27.29 -1.12 0.00	23.34 -1.00 0.00	9.88 -0.52 0.00	6.62 -0.35 0.00	28.55 -1.70 0.00	29.01 -1.44 0.00	29.78 -1.58 0.00	30.94 -2.19 0.00	31.01 -1.86 0.00	28.27 -1.53 0.00	28.33 -1.45 0.00	27.08 -1.50 0.00	27.51 -1.66 0.00	27.70 -1.96 0.04	24.67 -1.98 6.56	22.82 -2.21 9.20	26.26 -2.34 2.11	26.50 -2.38 3.45	20.66 -2.72 11.52	21.48 -3.12 12.55	23.14 -3.19 12.82	15.93 -2.30 11.60	16.30 -2.13 10.95	25.88 -1.92 1.22
HUNTLEY___64 23558	27.29 -1.12 0.00	23.34 -1.00 0.00	9.88 -0.52 0.00	6.62 -0.35 0.00	28.55 -1.70 0.00	29.01 -1.44 0.00	29.78 -1.58 0.00	30.94 -2.19 0.00	31.01 -1.86 0.00	28.27 -1.53 0.00	28.33 -1.45 0.00	27.08 -1.50 0.00	27.51 -1.66 0.00	27.70 -1.96 0.04	24.67 -1.98 6.56	22.82 -2.21 9.20	26.26 -2.34 2.11	26.50 -2.38 3.45	20.66 -2.72 11.52	21.48 -3.12 12.55	23.14 -3.19 12.82	15.93 -2.30 11.60	16.30 -2.13 10.95	25.88 -1.92 1.22
HUNTLEY___65 23559	27.29 -1.12 0.00	23.34 -1.00 0.00	9.88 -0.52 0.00	6.62 -0.35 0.00	28.55 -1.70 0.00	29.01 -1.44 0.00	29.78 -1.58 0.00	30.94 -2.19 0.00	31.01 -1.86 0.00	28.27 -1.53 0.00	28.33 -1.45 0.00	27.08 -1.50 0.00	27.51 -1.66 0.00	27.70 -1.96 0.04	24.67 -1.98 6.56	22.82 -2.21 9.20	26.26 -2.34 2.11	26.50 -2.38 3.45	20.66 -2.72 11.52	21.48 -3.12 12.55	23.14 -3.19 12.82	15.93 -2.30 11.60	16.30 -2.13 10.95	25.88 -1.92 1.22
HUNTLEY___66 23560	27.29 -1.12 0.00	23.34 -1.00 0.00	9.88 -0.52 0.00	6.62 -0.35 0.00	28.55 -1.70 0.00	29.01 -1.44 0.00	29.78 -1.58 0.00	30.94 -2.19 0.00	31.01 -1.86 0.00	28.27 -1.53 0.00	28.33 -1.45 0.00	27.08 -1.50 0.00	27.51 -1.66 0.00	27.70 -1.96 0.04	24.67 -1.98 6.56	22.82 -2.21 9.20	26.26 -2.34 2.11	26.50 -2.38 3.45	20.66 -2.72 11.52	21.48 -3.12 12.55	23.14 -3.19 12.82	15.93 -2.30 11.60	16.30 -2.13 10.95	25.88 -1.92 1.22
HUNTLEY___67 23561	27.11 -1.30 0.00	23.21 -1.13 0.00	9.85 -0.56 0.00	6.60 -0.37 0.00	28.48 -1.78 0.00	28.93 -1.53 0.00	29.70 -1.66 0.00	30.87 -2.26 0.00	30.93 -1.95 0.00	28.17 -1.63 0.00	28.19 -1.60 0.00	26.93 -1.65 0.00	27.38 -1.79 0.00	27.54 -2.10 0.04	23.39 -2.24 7.58	21.15 -2.49 10.58	25.77 -2.51 2.44	25.81 -2.57 3.95	18.75 -2.98 13.18	19.64 -3.38 14.14	21.27 -3.45 14.44	13.94 -2.52 13.37	14.38 -2.35 12.64	25.48 -2.13 1.41
HUNTLEY___68 23562	27.11 -1.30 0.00	23.21 -1.13 0.00	9.85 -0.56 0.00	6.60 -0.37 0.00	28.48 -1.78 0.00	28.93 -1.53 0.00	29.70 -1.66 0.00	30.87 -2.26 0.00	30.93 -1.95 0.00	28.17 -1.63 0.00	28.19 -1.60 0.00	26.93 -1.65 0.00	27.38 -1.79 0.00	27.54 -2.10 0.04	23.39 -2.24 7.58	21.15 -2.49 10.58	25.77 -2.51 2.44	25.81 -2.57 3.95	18.75 -2.98 13.18	19.64 -3.38 14.14	21.27 -3.45 14.44	13.94 -2.52 13.37	14.38 -2.35 12.64	25.48 -2.13 1.41

HYLAND___LFGE 323620	28.71 0.30 0.00	24.54 0.20 0.00	10.46 0.05 0.00	7.01 0.04 0.00	30.30 0.04 0.00	30.83 0.37 0.00	31.83 0.48 0.00	33.29 0.16 0.00	33.12 0.25 0.00	29.74 -0.06 0.00	29.43 -0.36 0.00	28.00 -0.58 0.00	28.30 -0.87 0.00	28.89 -0.95 -0.15	59.01 -1.03 -26.83	70.72 -1.20 -37.70	38.43 -0.94 -8.66	45.87 -0.66 -14.20	81.69 -0.72 -47.50	89.09 -0.51 -52.44	92.38 -0.31 -53.53	77.05 -0.30 -47.52	73.68 -0.43 -44.74	33.50 -0.50 -4.98
INDECK___CORINTH 23802	29.50 1.09 0.00	25.43 1.09 0.00	10.88 0.47 0.00	7.27 0.30 0.00	31.40 1.15 0.00	31.83 1.37 0.00	33.17 1.64 -0.17	36.88 1.56 -2.19	33.92 1.05 0.00	30.42 0.62 0.00	30.40 0.62 0.00	29.07 0.48 0.00	29.72 0.55 0.00	30.40 0.72 0.00	34.01 0.80 0.00	35.13 0.91 0.00	31.84 1.12 0.00	33.87 1.55 0.00	36.77 1.86 0.00	39.33 2.17 0.00	41.44 2.28 0.00	31.46 1.63 0.00	30.84 1.47 0.00	30.49 1.47 0.00
INDECK___ILION 23567	28.66 0.25 0.00	24.61 0.27 0.00	10.54 0.13 0.00	7.03 0.06 0.00	30.27 0.02 0.00	30.51 0.05 0.00	31.44 0.08 0.00	33.13 0.00 0.00	32.65 -0.22 0.00	29.50 -0.29 0.00	29.41 -0.38 0.00	28.21 -0.38 0.00	28.80 -0.36 0.00	29.33 -0.36 0.00	32.82 -0.39 0.00	33.97 -0.25 0.00	30.62 -0.09 0.00	32.44 0.11 0.00	35.11 0.20 0.00	37.41 0.25 0.00	39.42 0.26 0.00	29.96 0.12 0.00	29.54 0.16 0.00	29.21 0.20 0.00
INDECK___OLEAN 23982	28.05 -0.36 0.00	24.16 -0.18 0.00	10.30 -0.11 0.00	6.91 -0.06 0.00	29.72 -0.54 0.00	30.23 -0.23 0.00	31.12 -0.24 0.00	32.65 -0.48 0.00	32.66 -0.21 0.00	29.68 -0.12 0.00	29.55 -0.24 0.00	27.97 -0.61 0.00	28.46 -0.70 0.00	28.86 -0.82 0.01	30.77 -0.68 1.76	30.84 -0.85 2.54	28.87 -1.26 0.59	30.17 -1.21 0.94	30.28 -1.49 3.15	32.16 -1.66 3.34	34.21 -1.53 3.41	25.60 -1.03 3.21	25.33 -1.01 3.04	27.82 -0.86 0.34
INDECK___OSWEGO 23783	27.78 -0.63 0.00	23.79 -0.55 0.00	10.16 -0.24 0.00	6.80 -0.17 0.00	29.45 -0.80 0.00	29.66 -0.79 0.00	30.48 -0.88 0.00	32.12 -1.01 0.00	31.84 -1.03 0.00	28.84 -0.96 0.00	28.81 -0.97 0.00	27.63 -0.95 0.00	28.16 -1.01 0.00	28.64 -1.05 0.00	32.06 -1.15 0.00	33.07 -1.15 0.00	29.66 -1.05 0.00	31.25 -1.08 0.00	33.77 -1.14 0.00	35.97 -1.19 0.00	37.92 -1.24 0.00	28.89 -0.94 0.00	28.47 -0.91 0.00	28.24 -0.78 0.00
INDECK___YERKES 23781	27.32 -1.09 0.00	23.36 -0.98 0.00	9.89 -0.51 0.00	6.62 -0.35 0.00	28.58 -1.67 0.00	29.04 -1.42 0.00	29.81 -1.54 0.00	30.98 -2.15 0.00	31.01 -1.87 0.00	28.30 -1.49 0.00	28.36 -1.42 0.00	27.11 -1.48 0.00	27.53 -1.63 0.00	27.75 -1.91 0.04	24.74 -1.91 6.56	22.91 -2.12 9.20	26.31 -2.29 2.11	26.55 -2.33 3.45	20.73 -2.66 11.52	21.59 -3.01 12.55	23.25 -3.08 12.82	16.08 -2.15 11.60	16.39 -2.05 10.95	25.93 -1.87 1.22
INDIAN POINT_GT_1 24139	30.15 1.74 0.00	25.88 1.54 0.00	11.08 0.67 0.00	7.38 0.41 0.00	31.63 1.38 0.00	31.93 1.47 0.00	32.99 1.64 0.00	34.92 1.79 0.00	34.80 1.93 0.00	31.62 1.82 0.00	31.55 1.77 0.00	30.46 1.87 0.00	31.20 2.03 0.00	31.79 2.10 0.00	35.59 2.38 0.00	36.72 2.50 0.00	32.77 2.05 0.00	34.41 2.09 0.00	37.00 2.09 0.00	39.37 2.22 0.00	41.43 2.27 0.00	31.59 1.76 0.00	31.12 1.74 0.00	30.80 1.78 0.00
INDIAN POINT_GT_2 23659	30.15 1.74 0.00	25.88 1.54 0.00	11.08 0.67 0.00	7.38 0.41 0.00	31.63 1.38 0.00	31.93 1.47 0.00	32.99 1.64 0.00	34.92 1.79 0.00	34.80 1.93 0.00	31.62 1.82 0.00	31.55 1.77 0.00	30.46 1.87 0.00	31.20 2.03 0.00	31.79 2.10 0.00	35.59 2.38 0.00	36.72 2.50 0.00	32.77 2.05 0.00	34.41 2.09 0.00	37.00 2.09 0.00	39.37 2.22 0.00	41.43 2.27 0.00	31.59 1.76 0.00	31.12 1.74 0.00	30.80 1.78 0.00
INDIAN POINT_GT_3 24019	30.15 1.74 0.00	25.88 1.54 0.00	11.08 0.67 0.00	7.38 0.41 0.00	31.63 1.38 0.00	31.93 1.47 0.00	32.99 1.64 0.00	34.92 1.79 0.00	34.80 1.93 0.00	31.62 1.82 0.00	31.55 1.77 0.00	30.46 1.87 0.00	31.20 2.03 0.00	31.79 2.10 0.00	35.59 2.38 0.00	36.72 2.50 0.00	32.77 2.05 0.00	34.41 2.09 0.00	37.00 2.09 0.00	39.37 2.22 0.00	41.43 2.27 0.00	31.59 1.76 0.00	31.12 1.74 0.00	30.80 1.78 0.00
INDIAN POINT___2 23530	30.11 1.71 0.00	25.85 1.50 0.00	11.06 0.65 0.00	7.37 0.40 0.00	31.58 1.33 0.00	31.88 1.43 0.00	32.94 1.58 0.00	34.87 1.74 0.00	34.76 1.89 0.00	31.58 1.79 0.00	31.51 1.73 0.00	30.41 1.83 0.00	31.16 1.99 0.00	31.76 2.07 0.00	35.55 2.34 0.00	36.68 2.46 0.00	32.73 2.01 0.00	34.38 2.05 0.00	36.95 2.05 0.00	39.31 2.15 0.00	41.37 2.21 0.00	31.53 1.70 0.00	31.08 1.71 0.00	30.77 1.75 0.00
INDIAN POINT___3 23531	30.09 1.68 0.00	25.83 1.49 0.00	11.06 0.65 0.00	7.37 0.39 0.00	31.57 1.32 0.00	31.87 1.41 0.00	32.92 1.57 0.00	34.85 1.72 0.00	34.74 1.86 0.00	31.55 1.75 0.00	31.49 1.70 0.00	30.38 1.80 0.00	31.13 1.96 0.00	31.73 2.04 0.00	35.52 2.31 0.00	36.64 2.41 0.00	32.70 1.98 0.00	34.35 2.02 0.00	36.93 2.02 0.00	39.30 2.14 0.00	41.36 2.20 0.00	31.53 1.70 0.00	31.06 1.69 0.00	30.74 1.72 0.00
INGHAM_C_115KV_TB7 356103	28.79 0.38 0.00	24.77 0.43 0.00	10.64 0.23 0.00	7.08 0.11 0.00	30.25 0.00 0.00	30.56 0.10 0.00	31.51 0.15 0.00	33.07 -0.06 0.00	32.28 -0.59 0.00	29.04 -0.76 0.00	28.82 -0.96 0.00	27.66 -0.92 0.00	28.28 -0.88 0.00	28.81 -0.88 0.00	32.27 -0.95 0.00	33.54 -0.68 0.00	30.41 -0.31 0.00	32.44 0.11 0.00	35.23 0.32 0.00	37.65 0.49 0.00	39.69 0.53 0.00	30.09 0.26 0.00	29.71 0.33 0.00	29.39 0.38 0.00
IP CORINTH___1 23988	29.53 1.12 0.00	25.43 1.09 0.00	10.88 0.47 0.00	7.27 0.30 0.00	31.40 1.15 0.00	31.83 1.37 0.00	33.17 1.65 -0.17	36.88 1.56 -2.19	33.92 1.04 0.00	30.42 0.62 0.00	30.40 0.62 0.00	29.06 0.48 0.00	29.72 0.55 0.00	30.41 0.72 0.00	34.00 0.79 0.00	35.13 0.91 0.00	31.84 1.12 0.00	33.87 1.55 0.00	36.77 1.87 0.00	39.33 2.17 0.00	41.44 2.28 0.00	31.47 1.63 0.00	30.84 1.47 0.00	30.49 1.47 0.00
IP___TICONDEROGA 23804	29.92 1.51 0.00	25.74 1.40 0.00	11.01 0.61 0.00	7.39 0.42 0.00	31.90 1.64 0.00	32.57 2.11 0.00	34.23 2.69 -0.18	37.88 2.39 -2.36	34.37 1.50 0.00	30.60 0.81 0.00	30.80 1.02 0.00	29.26 0.68 0.00	29.87 0.71 0.00	30.63 0.94 0.00	34.13 0.92 0.00	35.30 1.08 0.00	32.36 1.64 0.00	34.85 2.52 0.00	37.77 2.87 0.00	40.51 3.35 0.00	42.61 3.46 0.00	32.39 2.56 0.00	31.53 2.16 0.00	31.25 2.23 0.00
ISLIP_RES_REC 323679	37.01 2.94 -5.67	34.35 2.54 -7.47	11.93 1.14 -0.38	8.13 0.71 -0.46	32.87 2.62 0.00	33.26 2.80 0.00	34.34 2.98 0.00	36.22 3.09 0.00	36.00 3.12 0.00	33.48 2.89 -0.80	44.47 2.73 -11.96	34.86 3.18 -3.09	35.06 3.40 -2.49	38.20 3.44 -5.07	41.38 4.07 -4.10	43.00 4.19 -4.59	37.40 3.46 -3.22	38.28 3.41 -2.54	77.73 3.41 -39.41	158.58 3.76 -117.66	187.68 3.96 -144.56	50.74 2.93 -17.98	34.27 2.97 -1.92	32.51 3.12 -0.38

JAMAICA__27_KV_LOAD 355505	30.45 2.04 0.00	26.20 1.86 0.00	11.21 0.81 0.00	7.46 0.49 0.00	31.86 1.61 0.00	32.21 1.76 0.00	33.34 1.98 0.00	35.35 2.22 0.00	35.24 2.37 0.00	32.01 2.22 0.00	31.80 2.01 0.00	30.72 2.14 0.00	31.46 2.30 0.00	32.07 2.39 0.00	35.89 2.68 0.00	37.04 2.82 0.00	32.99 2.28 0.00	34.62 2.29 0.00	37.20 2.29 0.00	39.56 2.40 0.00	41.60 2.44 0.00	31.74 1.91 0.00	31.30 1.92 0.00	30.97 1.95 0.00
JANIS__SOLAR 323808	29.13 0.72 0.00	25.14 0.79 0.00	10.76 0.36 0.00	7.19 0.22 0.00	31.03 0.78 0.00	31.42 0.96 0.00	32.35 1.00 0.00	33.88 0.75 0.00	33.52 0.65 0.00	30.32 0.52 0.00	30.25 0.47 0.00	28.96 0.38 0.00	29.43 0.27 0.00	29.92 0.22 -0.01	35.26 0.25 -1.79	37.22 0.48 -2.51	31.37 0.07 -0.58	33.53 0.25 -0.96	38.59 0.49 -3.19	41.47 0.76 -3.55	43.65 0.89 -3.61	33.60 0.61 -3.16	32.76 0.42 -2.97	29.76 0.41 -0.33
JARVIS____ 23743	28.50 0.09 0.00	24.44 0.09 0.00	10.45 0.05 0.00	6.99 0.02 0.00	30.26 0.01 0.00	30.46 0.00 0.00	31.35 0.00 0.00	33.11 -0.02 0.00	32.84 -0.04 0.00	29.74 -0.06 0.00	29.71 -0.08 0.00	28.50 -0.08 0.00	29.09 -0.07 0.00	29.63 -0.06 0.00	33.15 -0.06 0.00	34.19 -0.03 0.00	30.69 -0.03 0.00	32.33 0.00 0.00	34.91 0.00 0.00	37.16 0.00 0.00	39.16 0.00 0.00	29.82 -0.02 0.00	29.38 0.00 0.00	29.05 0.03 0.00
JENNISON____1 23625	29.02 0.61 0.00	25.21 0.87 0.00	10.81 0.41 0.00	7.22 0.25 0.00	31.19 0.94 0.00	31.51 1.05 0.00	32.41 1.05 0.00	34.01 0.87 0.00	33.85 0.98 0.00	30.65 0.85 0.00	30.62 0.83 0.00	29.31 0.73 0.00	29.71 0.54 0.00	29.94 0.25 0.00	33.51 0.30 0.00	34.83 0.60 0.00	30.81 0.10 0.00	32.50 0.17 0.00	35.01 0.09 -0.01	37.45 0.26 -0.04	39.53 0.33 -0.04	30.07 0.23 0.00	29.42 0.05 0.00	29.06 0.04 0.00
JENNISON____2 23626	29.02 0.61 0.00	25.21 0.87 0.00	10.81 0.41 0.00	7.22 0.25 0.00	31.19 0.94 0.00	31.51 1.05 0.00	32.41 1.05 0.00	34.01 0.87 0.00	33.85 0.98 0.00	30.65 0.85 0.00	30.62 0.83 0.00	29.31 0.73 0.00	29.71 0.54 0.00	29.94 0.25 0.00	33.51 0.30 0.00	34.83 0.60 0.00	30.81 0.10 0.00	32.50 0.17 0.00	35.01 0.09 -0.01	37.45 0.26 -0.04	39.53 0.33 -0.04	30.07 0.23 0.00	29.42 0.05 0.00	29.06 0.04 0.00
JERICOHO_RISE_WT_PWR 323719	27.97 -0.44 0.00	23.86 -0.48 0.00	10.15 -0.26 0.00	6.79 -0.18 0.00	29.72 -0.54 0.00	29.84 -0.62 0.00	30.73 -0.63 0.00	32.87 -0.26 0.00	32.93 0.05 0.00	29.93 0.13 0.00	29.95 0.16 0.00	28.68 0.10 0.00	29.22 0.06 0.00	29.67 -0.02 0.00	33.13 -0.09 0.00	34.12 -0.10 0.00	30.76 0.04 0.00	32.22 -0.10 0.00	34.86 -0.05 0.00	37.16 0.00 0.00	39.06 -0.10 0.00	29.67 -0.16 0.00	29.03 -0.35 0.00	28.69 -0.33 0.00
KATONAH__115KV_46KV_TB4 355592	30.28 1.87 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.41 0.44 0.00	31.76 1.51 0.00	32.07 1.61 0.00	33.14 1.78 0.00	35.08 1.95 0.00	34.95 2.08 0.00	31.75 1.95 0.00	31.68 1.90 0.00	30.58 2.00 0.00	31.33 2.16 0.00	31.94 2.25 0.00	35.73 2.52 0.00	36.85 2.63 0.00	32.91 2.19 0.00	34.57 2.24 0.00	37.18 2.27 0.00	39.56 2.40 0.00	41.62 2.46 0.00	31.72 1.89 0.00	31.24 1.87 0.00	30.91 1.90 0.00
KCE_NY_1 323755	29.63 1.22 0.00	25.52 1.18 0.00	10.90 0.49 0.00	7.28 0.30 0.00	31.44 1.19 0.00	31.77 1.30 0.00	33.06 1.46 -0.24	37.66 1.43 -3.09	33.89 1.02 0.00	30.56 0.77 0.00	30.44 0.66 0.00	29.15 0.57 0.00	29.84 0.67 0.00	30.49 0.81 0.00	34.11 0.90 0.00	35.17 0.95 0.00	31.78 1.06 0.00	33.62 1.29 0.00	36.46 1.56 0.00	38.96 1.80 0.00	41.09 1.93 0.00	31.18 1.35 0.00	30.69 1.31 0.00	30.39 1.38 0.00
KCE_NY_6_ESR 323823	27.45 -0.96 0.00	23.52 -0.82 0.00	9.98 -0.42 0.00	6.70 -0.28 0.00	28.88 -1.37 0.00	29.34 -1.12 0.00	30.14 -1.22 0.00	31.36 -1.77 0.00	31.41 -1.46 0.00	28.62 -1.17 0.00	28.64 -1.15 0.00	27.30 -1.28 0.00	27.74 -1.43 0.00	27.97 -1.67 0.05	23.58 -1.73 7.90	21.22 -1.94 11.06	26.09 -2.08 2.55	26.07 -2.11 4.15	18.62 -2.42 13.86	19.30 -2.75 15.11	20.97 -2.76 15.43	13.89 -1.98 13.96	14.32 -1.89 13.17	25.80 -1.75 1.47
KEDC_PORT_JEFF_GT2 24210	36.71 3.02 -5.29	34.27 2.61 -7.32	11.91 1.15 -0.35	8.06 0.68 -0.41	32.75 2.50 0.00	33.14 2.68 0.00	34.20 2.84 -0.01	36.07 2.93 -0.01	35.73 2.86 0.00	33.23 2.64 -0.79	44.07 2.48 -11.80	34.33 2.94 -2.80	34.68 3.27 -2.25	37.57 3.30 -4.59	40.87 3.87 -3.79	42.35 3.98 -4.15	36.82 3.19 -2.91	38.03 3.12 -2.58	87.16 3.10 -49.16	184.88 3.43 -144.29	218.28 3.59 -175.53	54.14 2.66 -21.65	34.03 2.73 -1.92	32.35 2.96 -0.38
KEDC_PORT_JEFF_GT3 24211	36.71 3.02 -5.29	34.27 2.61 -7.32	11.91 1.15 -0.35	8.06 0.68 -0.41	32.75 2.50 0.00	33.14 2.68 0.00	34.20 2.84 -0.01	36.07 2.93 -0.01	35.73 2.86 0.00	33.23 2.64 -0.79	44.07 2.48 -11.80	34.33 2.94 -2.80	34.68 3.27 -2.25	37.57 3.30 -4.59	40.87 3.87 -3.79	42.35 3.98 -4.15	36.82 3.19 -2.91	38.03 3.12 -2.58	87.16 3.10 -49.16	184.88 3.43 -144.29	218.28 3.59 -175.53	54.14 2.66 -21.65	34.03 2.73 -1.92	32.35 2.96 -0.38
KEDC_GLWD_GT4 24219	57.69 2.31 -26.97	44.36 2.00 -18.02	12.58 0.89 -1.29	9.43 0.55 -1.91	32.19 1.94 0.00	32.50 2.05 0.00	33.56 2.21 0.00	35.50 2.37 0.00	35.38 2.51 0.00	33.56 2.38 -1.38	54.47 2.33 -22.35	45.20 2.52 -14.11	42.06 2.72 -10.18	53.18 2.78 -20.71	50.58 3.16 -14.21	56.22 3.27 -18.72	46.56 2.70 -13.14	47.23 2.71 -12.20	45.68 2.72 -8.05	55.22 2.94 -15.12	62.19 3.06 -19.97	35.51 2.30 -3.38	33.60 2.30 -1.92	31.77 2.38 -0.38
KEDC_GLWD_GT5 24220	57.69 2.31 -26.97	44.36 2.00 -18.02	12.58 0.89 -1.29	9.43 0.55 -1.91	32.19 1.94 0.00	32.50 2.05 0.00	33.56 2.21 0.00	35.50 2.37 0.00	35.38 2.51 0.00	33.56 2.38 -1.38	54.47 2.33 -22.35	45.20 2.52 -14.11	42.06 2.72 -10.18	53.18 2.78 -20.71	50.58 3.16 -14.21	56.22 3.27 -18.72	46.56 2.70 -13.14	47.23 2.71 -12.20	45.68 2.72 -8.05	55.22 2.94 -15.12	62.19 3.06 -19.97	35.51 2.30 -3.38	33.60 2.30 -1.92	31.77 2.38 -0.38
KENSICO____ 23655	30.25 1.84 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.40 0.43 0.00	31.72 1.47 0.00	32.02 1.56 0.00	33.09 1.74 0.00	35.04 1.91 0.00	34.92 2.05 0.00	31.74 1.94 0.00	31.66 1.88 0.00	30.57 1.99 0.00	31.32 2.15 0.00	31.91 2.22 0.00	35.72 2.51 0.00	36.84 2.62 0.00	32.87 2.15 0.00	34.51 2.19 0.00	37.11 2.20 0.00	39.47 2.32 0.00	41.54 2.38 0.00	31.68 1.85 0.00	31.20 1.83 0.00	30.89 1.87 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.42 2.02 0.00	26.08 1.75 0.00	11.16 0.75 0.00	7.44 0.46 0.00	31.91 1.66 0.00	32.22 1.77 0.00	33.30 1.96 0.02	35.03 2.14 0.24	35.13 2.25 0.00	31.83 2.04 0.00	31.76 1.97 0.00	30.64 2.06 0.00	31.38 2.21 0.00	32.04 2.35 0.00	35.86 2.65 0.00	36.96 2.74 0.00	33.06 2.34 0.00	34.85 2.53 0.00	37.52 2.61 0.00	39.96 2.80 0.00	42.05 2.89 0.00	32.01 2.18 0.00	31.47 2.09 0.00	31.07 2.06 0.00

KIAC_JFK_GT1 23816	30.29 1.88 0.00	26.06 1.73 0.00	11.16 0.75 0.00	7.43 0.46 0.00	31.70 1.44 0.00	32.04 1.58 0.00	33.15 1.80 0.00	35.14 2.01 0.00	35.04 2.17 0.00	31.84 2.04 0.00	31.63 1.84 0.00	30.56 1.98 0.00	31.30 2.14 0.00	31.90 2.21 0.00	35.71 2.50 0.00	36.85 2.63 0.00	32.75 2.04 0.00	34.32 2.00 0.00	36.86 1.96 0.00	39.21 2.05 0.00	41.22 2.06 0.00	31.47 1.64 0.00	31.11 1.74 0.00	30.81 1.79 0.00
KIAC_JFK_GT2 23817	30.29 1.88 0.00	26.06 1.73 0.00	11.16 0.75 0.00	7.43 0.46 0.00	31.70 1.44 0.00	32.04 1.58 0.00	33.15 1.80 0.00	35.14 2.01 0.00	35.04 2.17 0.00	31.84 2.04 0.00	31.63 1.84 0.00	30.56 1.98 0.00	31.30 2.14 0.00	31.90 2.21 0.00	35.71 2.50 0.00	36.85 2.63 0.00	32.75 2.04 0.00	34.32 2.00 0.00	36.86 1.96 0.00	39.21 2.05 0.00	41.22 2.06 0.00	31.47 1.64 0.00	31.11 1.74 0.00	30.81 1.79 0.00
KIAC_JFK____ 323774	30.29 1.88 0.00	26.07 1.73 0.00	11.16 0.75 0.00	7.43 0.46 0.00	31.70 1.44 0.00	32.04 1.58 0.00	33.15 1.80 0.00	35.14 2.01 0.00	35.05 2.17 0.00	31.84 2.04 0.00	31.63 1.85 0.00	30.56 1.98 0.00	31.31 2.14 0.00	31.90 2.20 0.00	35.71 2.50 0.00	36.85 2.63 0.00	32.76 2.04 0.00	34.32 2.00 0.00	36.86 1.96 0.00	39.20 2.05 0.00	41.20 2.05 0.00	31.44 1.61 0.00	31.11 1.74 0.00	30.81 1.80 0.00
KINTIGH__24_KV_GSU 356498	27.21 -1.19 0.00	23.30 -1.04 0.00	9.90 -0.51 0.00	6.64 -0.34 0.00	28.62 -1.63 0.00	29.04 -1.42 0.00	29.84 -1.52 0.00	31.08 -2.05 0.00	31.09 -1.79 0.00	28.28 -1.52 0.00	28.30 -1.49 0.00	27.07 -1.51 0.00	27.54 -1.63 0.00	27.78 -1.89 0.02	27.15 -2.04 4.02	26.29 -2.28 5.65	27.17 -2.25 1.29	27.89 -2.31 2.13	25.07 -2.71 7.12	26.17 -3.08 7.90	27.94 -3.15 8.08	20.41 -2.30 7.12	20.50 -2.17 6.70	26.35 -1.93 0.74
KINTIGH____ 23543	27.19 -1.22 0.00	23.28 -1.06 0.00	9.89 -0.52 0.00	6.63 -0.34 0.00	28.59 -1.66 0.00	29.02 -1.44 0.00	29.80 -1.55 0.00	31.05 -2.08 0.00	31.05 -1.83 0.00	28.25 -1.54 0.00	28.27 -1.52 0.00	27.05 -1.54 0.00	27.52 -1.65 0.00	27.76 -1.91 0.02	27.12 -2.07 4.02	26.26 -2.31 5.65	27.15 -2.27 1.29	27.86 -2.34 2.13	25.04 -2.74 7.12	26.14 -3.11 7.90	27.90 -3.18 8.08	20.39 -2.32 7.12	20.47 -2.20 6.70	26.33 -1.95 0.74
KNTFSRNC_46_KV_46KV_LOAD 80397	28.30 -0.11 0.00	24.12 -0.22 0.00	10.26 -0.14 0.00	6.87 -0.11 0.00	29.95 -0.30 0.00	30.16 -0.29 0.00	31.08 -0.27 0.00	33.18 0.05 0.00	33.13 0.26 0.00	30.14 0.34 0.00	30.14 0.36 0.00	28.86 0.27 0.00	29.40 0.23 0.00	29.89 0.20 0.00	33.32 0.11 0.00	34.29 0.07 0.00	30.98 0.27 0.00	32.50 0.17 0.00	35.19 0.28 0.00	37.58 0.42 0.00	39.43 0.27 0.00	29.96 0.13 0.00	29.31 -0.07 0.00	28.95 -0.07 0.00
LACHUTE____HYDRO 323717	29.92 1.51 0.00	25.74 1.40 0.00	11.01 0.61 0.00	7.39 0.42 0.00	31.89 1.64 0.00	32.57 2.11 0.00	34.23 2.69 -0.18	37.88 2.39 -2.36	34.37 1.49 0.00	30.60 0.81 0.00	30.80 1.02 0.00	29.26 0.68 0.00	29.87 0.71 0.00	30.63 0.93 0.00	34.13 0.92 0.00	35.30 1.08 0.00	32.36 1.64 0.00	34.85 2.53 0.00	37.78 2.87 0.00	40.51 3.35 0.00	42.61 3.45 0.00	32.38 2.55 0.00	31.53 2.15 0.00	31.25 2.23 0.00
LAWRNCV_115KV_TB1 80681	27.55 -0.86 0.00	23.51 -0.83 0.00	10.02 -0.39 0.00	6.73 -0.24 0.00	29.61 -0.64 0.00	29.99 -0.47 0.00	30.92 -0.44 0.00	32.74 -0.40 0.00	32.37 -0.51 0.00	29.36 -0.44 0.00	29.40 -0.39 0.00	28.19 -0.39 0.00	28.66 -0.50 0.00	29.07 -0.62 0.00	32.46 -0.75 0.00	33.51 -0.71 0.00	30.24 -0.48 0.00	31.52 -0.81 0.00	34.16 -0.74 0.00	36.48 -0.68 0.00	38.56 -0.60 0.00	29.56 -0.27 0.00	28.75 -0.63 0.00	28.22 -0.80 0.00
LEDERLE____ 23769	30.21 1.80 0.00	25.92 1.57 0.00	11.09 0.68 0.00	7.39 0.42 0.00	31.66 1.41 0.00	31.97 1.51 0.00	33.04 1.68 0.00	35.00 1.87 0.00	34.89 2.02 0.00	31.69 1.90 0.00	31.64 1.86 0.00	30.53 1.95 0.00	31.28 2.11 0.00	31.89 2.20 0.00	35.72 2.51 0.00	36.84 2.62 0.00	32.88 2.16 0.00	34.54 2.22 0.00	37.13 2.22 0.00	39.51 2.35 0.00	41.59 2.44 0.00	31.69 1.86 0.00	31.21 1.84 0.00	30.87 1.85 0.00
LIGHTSE_115KV_TB6 355974	28.06 -0.35 0.00	23.96 -0.38 0.00	10.22 -0.18 0.00	6.83 -0.14 0.00	29.70 -0.56 0.00	29.86 -0.60 0.00	30.71 -0.65 0.00	32.38 -0.75 0.00	32.01 -0.86 0.00	28.92 -0.87 0.00	28.88 -0.90 0.00	27.64 -0.94 0.00	28.10 -1.07 0.00	28.49 -1.20 0.00	31.90 -1.31 0.00	33.08 -1.14 0.00	29.73 -0.99 0.00	31.31 -1.02 0.00	33.94 -0.96 0.00	36.25 -0.90 0.00	38.21 -0.94 0.00	29.13 -0.70 0.00	28.69 -0.69 0.00	28.39 -0.63 0.00
LINDEN COGEN____ 23786	30.26 1.85 0.00	25.96 1.62 0.00	11.12 0.71 0.00	7.40 0.43 0.00	31.65 1.40 0.00	31.98 1.52 0.00	33.08 1.72 0.00	35.03 1.90 0.00	34.98 2.11 0.00	31.83 2.04 0.00	31.72 1.93 0.00	30.65 2.07 0.00	31.43 2.27 0.00	31.89 2.32 0.12	34.66 2.63 1.18	35.85 2.76 1.14	30.88 2.26 2.09	33.16 2.28 1.44	36.10 2.28 1.08	35.28 2.37 4.24	40.54 2.44 1.06	29.52 1.91 2.22	30.20 1.89 1.07	30.96 1.94 0.00
LINDHRST_69_KV_BK1 356055	46.07 2.73 -14.93	37.87 2.39 -11.14	12.38 1.08 -0.89	8.92 0.67 -1.27	32.68 2.44 0.00	33.01 2.55 0.00	34.06 2.71 0.00	35.98 2.85 0.00	35.80 2.93 0.00	33.42 2.69 -0.93	47.03 2.59 -14.66	39.76 2.93 -8.24	38.99 3.11 -6.71	46.52 3.17 -13.66	46.54 3.67 -9.65	50.39 3.81 -12.35	42.52 3.13 -8.67	42.66 3.07 -7.26	45.04 3.08 -7.05	60.91 3.43 -20.33	69.52 3.60 -26.77	36.44 2.69 -3.91	34.06 2.76 -1.92	32.34 2.94 -0.38
LIPA_MISC_IPP 23656	36.05 2.83 -4.81	33.91 2.44 -7.13	11.85 1.11 -0.33	8.04 0.68 -0.38	32.81 2.56 0.00	33.23 2.77 0.00	34.31 2.95 -0.01	36.19 3.05 -0.01	36.03 3.16 0.00	33.41 2.83 -0.79	44.11 2.62 -11.71	34.29 3.06 -2.65	34.56 3.26 -2.13	37.36 3.33 -4.34	40.77 3.93 -3.63	42.20 4.06 -3.92	36.80 3.33 -2.75	37.68 3.30 -2.05	78.24 3.30 -40.03	161.15 3.66 -120.33	191.44 3.85 -148.44	51.17 2.89 -18.45	34.23 2.93 -1.92	32.46 3.07 -0.38
LISF____SOLAR 323691	36.22 2.89 -4.93	34.01 2.49 -7.17	11.87 1.13 -0.34	8.06 0.70 -0.39	32.87 2.62 0.00	33.29 2.83 0.00	34.38 3.02 -0.01	36.26 3.12 -0.01	36.10 3.22 0.00	33.48 2.90 -0.79	44.21 2.68 -11.74	34.40 3.12 -2.70	34.66 3.32 -2.17	37.50 3.39 -4.43	40.90 4.00 -3.69	42.37 4.14 -4.00	36.93 3.40 -2.81	37.85 3.38 -2.15	79.10 3.40 -40.80	163.19 3.75 -122.28	193.74 3.95 -150.63	51.50 2.95 -18.71	34.31 3.01 -1.92	32.53 3.14 -0.38
LITTLE FALLS____HYD 24013	28.79 0.38 0.00	24.77 0.43 0.00	10.64 0.23 0.00	7.08 0.11 0.00	30.25 0.00 0.00	30.56 0.10 0.00	31.51 0.15 0.00	33.07 -0.06 0.00	32.28 -0.59 0.00	29.04 -0.76 0.00	28.82 -0.96 0.00	27.66 -0.92 0.00	28.28 -0.88 0.00	28.81 -0.95 0.00	32.27 -0.68 0.00	33.54 -0.31 0.00	30.41 -0.31 0.00	32.44 0.11 0.00	35.23 0.32 0.00	37.65 0.49 0.00	39.69 0.53 0.00	30.09 0.26 0.00	29.71 0.33 0.00	29.39 0.38 0.00

LITTLRIV_115KV_TB1 356100	27.92 -0.49 0.00	23.81 -0.53 0.00	10.14 -0.26 0.00	6.82 -0.15 0.00	30.03 -0.22 0.00	30.42 -0.04 0.00	31.38 0.02 0.00	33.09 -0.04 0.00	32.49 -0.38 0.00	29.48 -0.32 0.00	29.53 -0.26 0.00	28.33 -0.26 0.00	28.80 -0.37 0.00	29.19 -0.50 0.00	32.61 -0.60 0.00	33.64 -0.58 0.00	30.38 -0.33 0.00	31.73 -0.59 0.00	34.51 -0.39 0.00	36.95 -0.21 0.00	39.23 0.07 0.00	30.07 0.24 0.00	29.23 -0.14 0.00	28.64 -0.38 0.00
LI_NEWBRDGE___DRP 323616	31.93 2.37 -1.15	32.04 2.06 -5.64	11.48 0.94 -0.13	7.62 0.58 -0.07	32.28 2.02 0.00	32.60 2.14 0.00	33.62 2.26 0.00	35.50 2.37 0.00	35.33 2.46 0.00	32.86 2.33 -0.73	42.59 2.24 -10.57	31.79 2.57 -0.63	32.44 2.78 -0.50	33.55 2.84 -1.03	37.90 3.21 -1.48	38.46 3.31 -0.93	34.06 2.69 -0.65	32.91 2.65 2.06	30.87 2.65 6.68	37.39 2.97 2.73	42.11 3.09 0.13	33.03 2.28 -0.92	33.61 2.31 -1.92	31.84 2.44 -0.38
LOCKPORT_115KV_TB60_63_64 80432	26.99 -1.42 0.00	23.08 -1.26 0.00	9.78 -0.63 0.00	6.56 -0.41 0.00	28.34 -1.92 0.00	28.77 -1.69 0.00	29.54 -1.81 0.00	30.62 -2.52 0.00	30.71 -2.16 0.00	27.99 -1.81 0.00	28.06 -1.72 0.00	26.82 -1.77 0.00	27.22 -1.95 0.00	27.39 -2.26 0.03	25.35 -2.24 5.63	23.88 -2.44 7.90	26.27 -2.63 1.81	26.70 -2.65 2.97	22.01 -2.96 9.94	22.80 -3.38 10.98	24.49 -3.45 11.21	17.36 -2.51 9.96	17.72 -2.28 9.38	25.85 -2.12 1.05
LOCKPORT___CC1 323769	26.98 -1.42 0.00	23.08 -1.26 0.00	9.78 -0.62 0.00	6.56 -0.41 0.00	28.34 -1.91 0.00	28.78 -1.68 0.00	29.55 -1.80 0.00	30.64 -2.49 0.00	30.68 -2.20 0.00	27.98 -1.81 0.00	28.04 -1.74 0.00	26.80 -1.79 0.00	27.21 -1.96 0.00	27.39 -2.26 0.04	24.95 -2.18 6.09	23.32 -2.35 8.55	26.15 -2.60 1.96	26.48 -2.63 3.22	21.18 -2.97 10.76	21.92 -3.37 11.87	23.63 -3.41 12.12	16.63 -2.42 10.78	17.01 -2.22 10.15	25.77 -2.12 1.13
LOCKPORT___CC2 323770	26.98 -1.42 0.00	23.08 -1.26 0.00	9.78 -0.62 0.00	6.56 -0.41 0.00	28.34 -1.91 0.00	28.78 -1.68 0.00	29.55 -1.80 0.00	30.64 -2.49 0.00	30.68 -2.20 0.00	27.98 -1.81 0.00	28.04 -1.74 0.00	26.80 -1.79 0.00	27.21 -1.96 0.00	27.39 -2.26 0.04	24.95 -2.18 6.09	23.32 -2.35 8.55	26.15 -2.60 1.96	26.48 -2.63 3.22	21.18 -2.97 10.76	21.92 -3.37 11.87	23.63 -3.41 12.12	16.63 -2.42 10.78	17.01 -2.22 10.15	25.77 -2.12 1.13
LOCKPORT___CC3 323771	26.98 -1.42 0.00	23.08 -1.26 0.00	9.78 -0.62 0.00	6.56 -0.41 0.00	28.34 -1.91 0.00	28.78 -1.68 0.00	29.55 -1.80 0.00	30.64 -2.49 0.00	30.68 -2.20 0.00	27.98 -1.81 0.00	28.04 -1.74 0.00	26.80 -1.79 0.00	27.21 -1.96 0.00	27.39 -2.26 0.04	24.95 -2.18 6.09	23.32 -2.35 8.55	26.15 -2.60 1.96	26.48 -2.63 3.22	21.18 -2.97 10.76	21.92 -3.37 11.87	23.63 -3.41 12.12	16.63 -2.42 10.78	17.01 -2.22 10.15	25.77 -2.12 1.13
LOCUSVLY_69_KV_BK2 55797	52.68 2.44 -21.83	41.81 2.10 -15.37	12.43 0.94 -1.09	9.14 0.58 -1.58	32.31 2.06 0.00	32.61 2.16 0.00	33.66 2.30 0.00	35.57 2.44 0.00	35.44 2.57 0.00	33.47 2.44 -1.23	51.79 2.38 -19.63	42.73 2.65 -11.50	40.46 2.86 -8.43	49.78 2.94 -17.16	48.46 3.33 -11.91	53.16 3.42 -15.51	44.43 2.82 -10.89	44.76 2.81 -9.62	43.11 2.81 -5.39	52.16 3.10 -11.90	58.73 3.22 -16.35	35.14 2.41 -2.90	33.71 2.41 -1.92	31.91 2.52 -0.38
LONG_LAKE_PHOENIX 24014	27.86 -0.55 0.00	23.87 -0.47 0.00	10.20 -0.21 0.00	6.82 -0.15 0.00	29.53 -0.72 0.00	29.77 -0.69 0.00	30.61 -0.75 0.00	32.25 -0.88 0.00	32.00 -0.88 0.00	28.95 -0.84 0.00	28.94 -0.84 0.00	27.75 -0.83 0.00	28.29 -0.88 0.00	28.80 -0.89 0.00	32.27 -0.94 0.00	33.24 -0.99 0.00	29.81 -0.91 0.00	31.42 -0.91 0.00	33.93 -0.97 0.00	36.14 -1.02 0.00	38.11 -1.05 0.00	29.01 -0.82 0.00	28.58 -0.80 0.00	28.33 -0.69 0.00
LOVETT___3 23632	30.06 1.65 0.00	25.81 1.46 0.00	11.04 0.64 0.00	7.36 0.39 0.00	31.54 1.28 0.00	31.84 1.38 0.00	32.89 1.53 0.00	34.81 1.68 0.00	34.70 1.83 0.00	31.52 1.73 0.00	31.46 1.68 0.00	30.35 1.77 0.00	31.10 1.94 0.00	31.70 2.01 0.00	35.49 2.28 0.00	36.62 2.40 0.00	32.67 1.96 0.00	34.32 1.99 0.00	36.90 1.99 0.00	39.26 2.11 0.00	41.32 2.17 0.00	31.51 1.67 0.00	31.04 1.66 0.00	30.71 1.70 0.00
LOVETT___4 23642	30.06 1.65 0.00	25.81 1.46 0.00	11.04 0.64 0.00	7.36 0.39 0.00	31.54 1.28 0.00	31.84 1.38 0.00	32.89 1.53 0.00	34.81 1.68 0.00	34.70 1.83 0.00	31.52 1.73 0.00	31.46 1.68 0.00	30.35 1.77 0.00	31.10 1.94 0.00	31.70 2.01 0.00	35.49 2.28 0.00	36.62 2.40 0.00	32.67 1.96 0.00	34.32 1.99 0.00	36.90 1.99 0.00	39.26 2.11 0.00	41.32 2.17 0.00	31.51 1.67 0.00	31.04 1.66 0.00	30.71 1.70 0.00
LOVETT___5 23593	30.06 1.65 0.00	25.81 1.46 0.00	11.04 0.64 0.00	7.36 0.39 0.00	31.54 1.28 0.00	31.84 1.38 0.00	32.89 1.53 0.00	34.81 1.68 0.00	34.70 1.83 0.00	31.52 1.73 0.00	31.46 1.68 0.00	30.35 1.77 0.00	31.10 1.94 0.00	31.70 2.01 0.00	35.49 2.28 0.00	36.62 2.40 0.00	32.67 1.96 0.00	34.32 1.99 0.00	36.90 1.99 0.00	39.26 2.11 0.00	41.32 2.17 0.00	31.51 1.67 0.00	31.04 1.66 0.00	30.71 1.70 0.00
LOWER RAQUET___HYD 24057	27.40 -1.00 0.00	23.37 -0.97 0.00	9.96 -0.44 0.00	6.69 -0.28 0.00	29.44 -0.81 0.00	29.80 -0.66 0.00	30.74 -0.61 0.00	32.54 -0.59 0.00	32.15 -0.72 0.00	29.15 -0.65 0.00	29.19 -0.60 0.00	27.99 -0.60 0.00	28.45 -0.72 0.00	28.83 -0.86 0.00	32.19 -1.02 0.00	33.26 -0.96 0.00	30.03 -0.68 0.00	31.31 -1.02 0.00	33.96 -0.95 0.00	36.27 -0.88 0.00	38.36 -0.80 0.00	29.39 -0.44 0.00	28.58 -0.80 0.00	28.05 -0.97 0.00
LOWER___HUDSON 24059	29.27 0.87 0.00	25.15 0.81 0.00	10.77 0.36 0.00	7.19 0.22 0.00	31.02 0.77 0.00	31.33 0.88 0.00	32.86 0.96 -0.54	40.95 0.93 -6.89	33.46 0.59 0.00	30.12 0.33 0.00	30.12 0.34 0.00	28.87 0.28 0.00	29.49 0.32 0.00	30.15 0.46 0.00	33.68 0.47 0.00	34.62 0.40 0.00	31.22 0.51 0.00	32.99 0.66 0.00	35.81 0.91 0.00	38.26 1.10 0.00	40.31 1.15 0.00	30.64 0.81 0.00	30.24 0.86 0.00	29.96 0.95 0.00
LOWVILLE_115KV_TB2 356335	28.54 0.13 0.00	24.37 0.03 0.00	10.36 -0.05 0.00	6.91 -0.06 0.00	30.28 0.03 0.00	30.34 -0.12 0.00	31.30 -0.05 0.00	33.15 0.02 0.00	32.60 -0.27 0.00	29.41 -0.39 0.00	29.24 -0.54 0.00	27.93 -0.66 0.00	28.19 -0.98 0.00	28.38 -1.32 0.00	31.75 -1.47 0.00	33.33 -0.89 0.00	30.19 -0.53 0.00	31.83 -0.49 0.00	34.54 -0.36 0.00	36.89 -0.27 0.00	38.74 -0.41 0.00	29.40 -0.43 0.00	28.75 -0.62 0.00	28.24 -0.78 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.62 1.21 0.00	25.47 1.12 0.00	10.89 0.49 0.00	7.28 0.31 0.00	31.42 1.17 0.00	31.76 1.29 0.00	33.04 1.44 -0.24	37.62 1.39 -3.09	33.89 1.01 0.00	30.51 0.72 0.00	30.43 0.65 0.00	29.16 0.58 0.00	29.83 0.67 0.00	30.49 0.80 0.00	34.10 0.89 0.00	35.15 0.92 0.00	31.75 1.03 0.00	33.61 1.28 0.00	36.44 1.54 0.00	38.95 1.79 0.00	41.06 1.90 0.00	31.19 1.36 0.00	30.69 1.32 0.00	30.37 1.35 0.00

LUTHERNY_35_KV_BK2 355980	29.63 1.22 0.00	25.52 1.18 0.00	10.90 0.49 0.00	7.28 0.30 0.00	31.44 1.19 0.00	31.77 1.30 0.00	33.06 1.46 -0.24	37.66 1.43 -3.09	33.89 1.01 0.00	30.56 0.76 0.00	30.44 0.66 0.00	29.15 0.57 0.00	29.84 0.67 0.00	30.50 0.81 0.00	34.11 0.90 0.00	35.17 0.95 0.00	31.78 1.07 0.00	33.62 1.29 0.00	36.47 1.56 0.00	38.96 1.80 0.00	41.09 1.93 0.00	31.18 1.35 0.00	30.69 1.31 0.00	30.39 1.38 0.00
LWR___OSWEGATCHIE_HYD 23850	27.63 -0.78 0.00	23.57 -0.77 0.00	10.03 -0.37 0.00	6.72 -0.26 0.00	29.50 -0.76 0.00	29.71 -0.75 0.00	30.64 -0.72 0.00	32.44 -0.69 0.00	31.95 -0.93 0.00	28.86 -0.94 0.00	28.80 -0.99 0.00	27.56 -1.02 0.00	27.92 -1.24 0.00	28.21 -1.48 0.00	31.53 -1.68 0.00	32.83 -1.40 0.00	29.70 -1.02 0.00	31.14 -1.19 0.00	33.81 -1.10 0.00	36.16 -0.99 0.00	38.14 -1.02 0.00	29.10 -0.74 0.00	28.36 -1.02 0.00	27.86 -1.16 0.00
LYONS_FALL_HYD 23570	28.69 0.28 0.00	24.53 0.19 0.00	10.45 0.04 0.00	6.98 0.01 0.00	30.44 0.18 0.00	30.57 0.11 0.00	31.54 0.18 0.00	33.34 0.21 0.00	32.88 0.01 0.00	29.70 -0.09 0.00	29.58 -0.20 0.00	28.27 -0.31 0.00	28.64 -0.52 0.00	28.97 -0.72 0.00	32.44 -0.77 0.00	33.86 -0.36 0.00	30.58 -0.13 0.00	32.26 -0.07 0.00	34.95 0.05 0.00	37.28 0.12 0.00	39.20 0.04 0.00	29.78 -0.05 0.00	29.19 -0.19 0.00	28.72 -0.29 0.00
MADISON___COUNTY_LFGE 323628	29.01 0.60 0.00	24.85 0.51 0.00	10.62 0.21 0.00	7.10 0.13 0.00	30.74 0.49 0.00	31.02 0.56 0.00	32.00 0.64 0.00	33.72 0.58 0.00	33.33 0.46 0.00	30.21 0.42 0.00	30.13 0.35 0.00	28.81 0.22 0.00	29.29 0.12 0.00	29.82 0.13 0.00	33.50 0.29 0.00	34.73 0.50 0.00	31.21 0.50 0.00	32.93 0.60 0.00	35.64 0.73 0.00	37.94 0.78 0.00	39.99 0.83 0.00	30.41 0.58 0.00	29.87 0.49 0.00	29.48 0.46 0.00
MALONE___115KV_TB1 356076	27.94 -0.47 0.00	23.81 -0.53 0.00	10.13 -0.27 0.00	6.79 -0.18 0.00	29.74 -0.51 0.00	29.93 -0.52 0.00	30.87 -0.49 0.00	32.95 -0.18 0.00	32.84 -0.03 0.00	29.82 0.03 0.00	29.80 0.01 0.00	28.55 -0.04 0.00	29.11 -0.06 0.00	29.53 -0.17 0.00	32.97 -0.24 0.00	33.96 -0.26 0.00	30.65 -0.07 0.00	32.08 -0.25 0.00	34.77 -0.13 0.00	37.16 0.01 0.00	39.16 0.01 0.00	29.81 -0.02 0.00	29.09 -0.29 0.00	28.66 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	29.20 0.79 0.00	25.06 0.71 0.00	10.73 0.33 0.00	7.16 0.19 0.00	30.89 0.64 0.00	31.17 0.71 0.00	31.87 0.77 0.26	30.63 0.75 3.25	33.37 0.49 0.00	30.12 0.32 0.00	30.14 0.36 0.00	28.92 0.33 0.00	29.56 0.40 0.00	30.21 0.52 0.00	33.73 0.52 0.00	34.74 0.52 0.00	31.24 0.52 0.00	32.98 0.65 0.00	35.74 0.84 0.00	38.15 0.99 0.00	40.17 1.01 0.00	30.56 0.73 0.00	30.20 0.82 0.00	29.86 0.85 0.00
MAPLE_RIDGE_WT_1 323574	28.29 -0.12 0.00	24.22 -0.12 0.00	10.35 -0.06 0.00	6.91 -0.06 0.00	30.09 -0.16 0.00	29.94 -0.52 0.00	30.83 -0.53 0.00	32.74 -0.39 0.00	32.73 -0.14 0.00	29.72 -0.07 0.00	29.66 -0.13 0.00	28.33 -0.26 0.00	28.82 -0.35 0.00	29.25 -0.44 0.00	32.74 -0.48 0.00	33.89 -0.33 0.00	30.50 -0.22 0.00	32.01 -0.32 0.00	34.52 -0.39 0.00	36.56 -0.60 0.00	38.47 -0.69 0.00	29.39 -0.44 0.00	28.92 -0.45 0.00	28.45 -0.56 0.00
MAPLE_RIDGE_WT_2 323611	28.29 -0.12 0.00	24.22 -0.12 0.00	10.35 -0.06 0.00	6.91 -0.06 0.00	30.09 -0.16 0.00	29.94 -0.52 0.00	30.83 -0.53 0.00	32.74 -0.39 0.00	32.73 -0.14 0.00	29.72 -0.07 0.00	29.66 -0.13 0.00	28.33 -0.26 0.00	28.82 -0.35 0.00	29.25 -0.44 0.00	32.74 -0.48 0.00	33.89 -0.33 0.00	30.50 -0.22 0.00	32.01 -0.32 0.00	34.52 -0.39 0.00	36.56 -0.60 0.00	38.47 -0.69 0.00	29.39 -0.44 0.00	28.92 -0.45 0.00	28.45 -0.56 0.00
MARBLE_RIVER_WT_PWR 323696	28.08 -0.33 0.00	23.95 -0.40 0.00	10.19 -0.22 0.00	6.81 -0.16 0.00	29.76 -0.49 0.00	29.90 -0.56 0.00	30.79 -0.57 0.00	32.90 -0.23 0.00	32.96 0.09 0.00	29.98 0.18 0.00	29.98 0.19 0.00	28.71 0.12 0.00	29.24 0.08 0.00	29.70 0.01 0.00	33.15 -0.06 0.00	34.13 -0.09 0.00	30.80 0.08 0.00	32.27 -0.06 0.00	34.92 0.02 0.00	37.21 0.06 0.00	39.09 -0.07 0.00	29.70 -0.13 0.00	29.06 -0.32 0.00	28.72 -0.30 0.00
MARSHVLE_115KV_TB1 80742	29.61 1.20 0.00	25.34 1.00 0.00	10.82 0.41 0.00	7.22 0.25 0.00	31.35 1.10 0.00	31.53 1.07 0.00	32.56 1.17 -0.03	34.36 0.89 -0.33	33.53 0.65 0.00	30.48 0.69 0.00	30.33 0.55 0.00	29.02 0.44 0.00	29.53 0.36 0.00	30.00 0.31 0.00	33.70 0.49 0.00	35.00 0.78 0.00	31.59 0.87 0.00	33.57 1.24 0.00	36.32 1.42 0.00	38.63 1.47 0.00	40.78 1.62 0.00	31.02 1.18 0.00	30.41 1.04 0.00	30.02 1.01 0.00
MARSH_HILL_WT_PWR 323713	27.66 -0.75 0.00	23.71 -0.64 0.00	10.14 -0.27 0.00	6.81 -0.16 0.00	29.42 -0.83 0.00	29.96 -0.50 0.00	30.76 -0.60 0.00	32.19 -0.94 0.00	32.13 -0.75 0.00	29.09 -0.70 0.00	28.82 -0.96 0.00	27.12 -1.47 0.00	27.47 -1.70 0.00	27.91 -1.94 -0.15	57.19 -2.26 -26.24	68.70 -2.37 -36.85	36.96 -2.23 -8.47	43.90 -2.33 -13.90	78.70 -2.69 -46.48	85.84 -2.67 -51.35	88.74 -2.81 -52.39	73.96 -2.32 -46.44	70.80 -2.30 -43.72	31.55 -2.34 -4.87
MCINTYRE_115KV_TB2 80467	28.25 -0.16 0.00	24.09 -0.25 0.00	10.26 -0.14 0.00	6.90 -0.07 0.00	30.41 0.15 0.00	30.80 0.34 0.00	31.77 0.41 0.00	33.44 0.30 0.00	32.82 -0.05 0.00	29.78 -0.02 0.00	29.84 0.05 0.00	28.63 0.05 0.00	29.11 -0.05 0.00	29.53 -0.17 0.00	32.97 -0.24 0.00	34.01 -0.22 0.00	30.70 -0.02 0.00	32.05 -0.28 0.00	34.86 -0.05 0.00	37.35 0.19 0.00	39.73 0.58 0.00	30.48 0.65 0.00	29.64 0.26 0.00	29.01 -0.01 0.00
MECO_____69_KV_BK1 80468	29.94 1.53 0.00	25.63 1.28 0.00	10.95 0.55 0.00	7.31 0.34 0.00	31.69 1.43 0.00	31.94 1.48 0.00	33.00 1.62 -0.03	34.77 1.28 -0.36	33.47 0.60 0.00	30.29 0.50 0.00	29.91 0.13 0.00	28.69 0.10 0.00	29.28 0.12 0.00	29.69 0.00 0.00	33.40 0.18 0.00	34.78 0.55 0.00	31.62 0.90 0.00	33.74 1.42 0.00	36.65 1.74 0.00	39.18 2.02 0.00	41.47 2.31 0.00	31.52 1.68 0.00	30.91 1.54 0.00	30.51 1.49 0.00
MENANDS___115KV_TB5 355628	29.05 0.64 0.00	24.94 0.60 0.00	10.69 0.28 0.00	7.13 0.16 0.00	30.74 0.49 0.00	31.01 0.55 0.00	31.70 0.61 0.26	30.35 0.58 3.36	33.22 0.35 0.00	30.00 0.20 0.00	30.03 0.25 0.00	28.83 0.25 0.00	29.48 0.31 0.00	30.11 0.42 0.00	33.62 0.41 0.00	34.59 0.36 0.00	31.09 0.37 0.00	32.79 0.47 0.00	35.52 0.62 0.00	37.90 0.74 0.00	39.92 0.76 0.00	30.37 0.54 0.00	30.03 0.65 0.00	29.71 0.69 0.00
MG INDUSTRY___DRP 24185	29.12 0.71 0.00	25.00 0.66 0.00	10.71 0.31 0.00	7.16 0.19 0.00	30.88 0.63 0.00	31.14 0.68 0.00	31.90 0.69 0.15	31.81 0.55 1.87	33.11 0.23 0.00	29.88 0.08 0.00	29.86 0.07 0.00	28.65 0.07 0.00	29.26 0.09 0.00	29.85 0.16 0.00	33.42 0.20 0.00	34.41 0.18 0.00	30.91 0.19 0.00	32.75 0.42 0.00	35.47 0.56 0.00	37.85 0.69 0.00	39.90 0.74 0.00	30.37 0.54 0.00	30.02 0.64 0.00	29.69 0.67 0.00

MID___OSWEGATCHIE_HYD 23849	27.63 -0.78 0.00	23.57 -0.77 0.00	10.03 -0.37 0.00	6.72 -0.26 0.00	29.50 -0.76 0.00	29.71 -0.75 0.00	30.64 -0.72 0.00	32.44 -0.69 0.00	31.95 -0.93 0.00	28.86 -0.94 0.00	28.80 -0.99 0.00	27.56 -1.02 0.00	27.92 -1.24 0.00	28.21 -1.48 0.00	31.53 -1.68 0.00	32.83 -1.40 0.00	29.70 -1.02 0.00	31.14 -1.19 0.00	33.81 -1.10 0.00	36.16 -0.99 0.00	38.14 -1.02 0.00	29.10 -0.74 0.00	28.36 -1.02 0.00	27.86 -1.16 0.00
MID___RAQUETTE_HYD 23851	27.40 -1.00 0.00	23.37 -0.97 0.00	9.96 -0.45 0.00	6.69 -0.28 0.00	29.44 -0.81 0.00	29.80 -0.66 0.00	30.74 -0.61 0.00	32.55 -0.59 0.00	32.15 -0.73 0.00	29.15 -0.65 0.00	29.19 -0.60 0.00	27.99 -0.60 0.00	28.45 -0.72 0.00	28.83 -0.86 0.00	32.19 -1.02 0.00	33.26 -0.97 0.00	30.03 -0.68 0.00	31.31 -1.02 0.00	33.96 -0.95 0.00	36.28 -0.87 0.00	38.36 -0.80 0.00	29.39 -0.44 0.00	28.58 -0.80 0.00	28.05 -0.97 0.00
MILLIKEN___1 23584	28.74 0.33 0.00	24.70 0.36 0.00	10.55 0.14 0.00	7.06 0.09 0.00	30.49 0.23 0.00	30.82 0.35 0.00	31.75 0.39 0.00	33.40 0.27 0.00	33.14 0.27 0.00	30.02 0.22 0.00	29.98 0.20 0.00	28.61 0.03 0.00	29.16 0.00 0.00	29.71 0.01 -0.01	35.25 0.10 -1.94	37.02 0.09 -2.70	31.29 -0.05 -0.63	33.41 0.04 -1.04	38.45 0.10 -3.45	41.15 0.17 -3.83	43.28 0.23 -3.89	33.38 0.14 -3.41	32.65 0.07 -3.20	29.53 0.15 -0.36
MILLIKEN___2 23585	28.74 0.33 0.00	24.70 0.36 0.00	10.55 0.14 0.00	7.06 0.09 0.00	30.49 0.23 0.00	30.82 0.35 0.00	31.75 0.39 0.00	33.40 0.27 0.00	33.14 0.27 0.00	30.02 0.22 0.00	29.98 0.20 0.00	28.61 0.03 0.00	29.16 0.00 0.00	29.71 0.01 -0.01	35.25 0.10 -1.94	37.02 0.09 -2.70	31.29 -0.05 -0.63	33.41 0.04 -1.04	38.45 0.10 -3.45	41.15 0.17 -3.83	43.28 0.23 -3.89	33.38 0.14 -3.41	32.65 0.07 -3.20	29.53 0.15 -0.36
MILLIKEN___DIESEL 23629	28.74 0.33 0.00	24.70 0.36 0.00	10.55 0.14 0.00	7.06 0.09 0.00	30.49 0.23 0.00	30.82 0.35 0.00	31.75 0.39 0.00	33.40 0.27 0.00	33.14 0.27 0.00	30.02 0.22 0.00	29.98 0.20 0.00	28.61 0.03 0.00	29.16 0.00 0.00	29.71 0.01 -0.01	35.25 0.10 -1.94	37.02 0.09 -2.70	31.29 -0.05 -0.63	33.41 0.04 -1.04	38.45 0.10 -3.45	41.15 0.17 -3.83	43.28 0.23 -3.89	33.38 0.14 -3.41	32.65 0.07 -3.20	29.53 0.15 -0.36
MILLSEAT___LFGE 323607	27.60 -0.81 0.00	23.60 -0.74 0.00	10.01 -0.40 0.00	6.71 -0.26 0.00	28.99 -1.27 0.00	29.46 -1.00 0.00	30.32 -1.03 0.00	31.52 -1.61 0.00	31.47 -1.40 0.00	28.73 -1.07 0.00	28.78 -1.01 0.00	27.48 -1.11 0.00	27.81 -1.35 0.03	28.10 -1.56 0.03	27.40 -1.33 4.49	26.39 -1.53 6.30	27.41 -1.86 1.44	28.25 -1.70 2.37	25.06 -1.92 7.93	26.18 -2.23 8.75	28.04 -2.18 8.94	20.36 -1.52 7.94	20.49 -1.40 7.48	26.82 -1.36 0.84
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.19 1.78 0.00	25.91 1.57 0.00	11.09 0.69 0.00	7.39 0.42 0.00	31.66 1.41 0.00	31.96 1.50 0.00	33.03 1.67 0.00	34.96 1.83 0.00	34.83 1.96 0.00	31.66 1.86 0.00	31.58 1.80 0.00	30.49 1.90 0.00	31.23 2.06 0.00	31.82 2.13 0.00	35.62 2.41 0.00	36.74 2.52 0.00	32.79 2.07 0.00	34.44 2.12 0.00	37.03 2.12 0.00	39.39 2.23 0.00	41.46 2.30 0.00	31.61 1.78 0.00	31.14 1.77 0.00	30.83 1.81 0.00
MILLWOOD_13_KV_LOAD 356217	30.22 1.81 0.00	25.94 1.60 0.00	11.10 0.70 0.00	7.40 0.43 0.00	31.69 1.44 0.00	32.00 1.54 0.00	33.06 1.71 0.00	35.00 1.87 0.00	34.89 2.02 0.00	31.69 1.90 0.00	31.62 1.84 0.00	30.52 1.94 0.00	31.27 2.11 0.00	31.87 2.17 0.00	35.67 2.46 0.00	36.79 2.57 0.00	32.83 2.12 0.00	34.49 2.16 0.00	37.09 2.18 0.00	39.45 2.30 0.00	41.52 2.36 0.00	31.65 1.82 0.00	31.19 1.81 0.00	30.86 1.85 0.00
MODEL_CITY_ENERGY 24167	26.72 -1.69 0.00	22.85 -1.49 0.00	9.68 -0.73 0.00	6.50 -0.48 0.00	28.06 -2.19 0.00	28.47 -1.99 0.00	29.23 -2.13 0.00	30.25 -2.88 0.00	30.33 -2.55 0.00	27.67 -2.13 0.00	27.75 -2.03 0.00	26.52 -2.06 0.00	26.94 -2.23 0.00	27.11 -2.54 0.04	25.05 -2.33 5.84	23.55 -2.46 8.21	25.99 -2.84 1.88	26.33 -2.90 3.09	21.35 -3.21 10.34	22.04 -3.66 11.46	23.75 -3.71 11.70	16.85 -2.63 10.35	17.32 -2.32 9.74	25.65 -2.28 1.09
MODERN_LFGE___ 323580	26.72 -1.69 0.00	22.85 -1.49 0.00	9.68 -0.73 0.00	6.50 -0.48 0.00	28.06 -2.19 0.00	28.47 -1.99 0.00	29.23 -2.13 0.00	30.25 -2.88 0.00	30.33 -2.55 0.00	27.67 -2.13 0.00	27.75 -2.03 0.00	26.52 -2.06 0.00	26.94 -2.23 0.00	27.11 -2.54 0.04	25.05 -2.33 5.84	23.55 -2.46 8.21	25.99 -2.84 1.88	26.33 -2.90 3.09	21.35 -3.21 10.34	22.04 -3.66 11.46	23.75 -3.71 11.70	16.85 -2.63 10.35	17.32 -2.32 9.74	25.65 -2.28 1.09
MOHAWK_PAPER___DRP 24187	29.20 0.79 0.00	25.06 0.71 0.00	10.73 0.33 0.00	7.16 0.19 0.00	30.89 0.64 0.00	31.17 0.71 0.00	31.87 0.77 0.26	30.63 0.75 3.25	33.37 0.49 0.00	30.12 0.32 0.00	30.14 0.36 0.00	28.92 0.33 0.00	29.56 0.40 0.00	30.21 0.52 0.00	33.73 0.52 0.00	34.74 0.52 0.00	31.24 0.52 0.00	32.98 0.65 0.00	35.74 0.84 0.00	38.15 0.99 0.00	40.17 1.01 0.00	30.56 0.73 0.00	30.20 0.82 0.00	29.86 0.85 0.00
MOHICAN___35_KV_115KV_LD 80490	29.67 1.26 0.00	25.54 1.20 0.00	10.93 0.52 0.00	7.31 0.34 0.00	31.55 1.30 0.00	32.01 1.55 0.00	33.40 1.85 -0.19	37.34 1.75 -2.46	34.05 1.17 0.00	30.48 0.68 0.00	30.47 0.69 0.00	29.11 0.52 0.00	29.76 0.59 0.00	30.45 0.76 0.00	34.04 0.83 0.00	35.21 0.98 0.00	31.93 1.22 0.00	34.04 1.72 0.00	36.99 2.08 0.00	39.58 2.42 0.00	41.68 2.52 0.00	31.65 1.81 0.00	31.00 1.63 0.00	30.65 1.63 0.00
MONGAUP___HYD 23641	29.82 1.41 0.00	25.57 1.23 0.00	10.94 0.53 0.00	7.29 0.32 0.00	31.32 1.07 0.00	31.60 1.14 0.00	32.39 1.03 0.00	34.27 1.14 0.00	34.09 1.22 0.00	31.12 1.32 0.00	30.93 1.14 0.00	29.77 1.19 0.00	30.37 1.21 0.00	31.02 1.33 0.00	34.76 1.55 0.00	35.65 1.43 0.00	32.03 1.32 0.00	33.73 1.41 0.00	36.39 1.49 0.00	38.79 1.63 0.00	40.87 1.71 0.00	31.11 1.28 0.00	30.86 1.48 0.00	30.45 1.43 0.00
MONTAUK___DIESEL 23721	35.60 2.33 -4.86	33.33 1.84 -7.15	11.64 0.90 -0.34	7.92 0.56 -0.39	33.00 2.75 0.00	34.15 3.69 0.00	35.39 4.03 -0.01	37.35 4.22 -0.01	37.10 4.23 0.00	33.86 3.28 -0.79	43.99 2.49 -11.72	33.98 2.73 -2.67	34.03 2.72 -2.15	37.02 2.96 -4.37	40.47 3.61 -3.65	42.26 4.08 -3.95	37.14 3.65 -2.77	38.20 3.79 -2.09	79.32 4.04 -40.38	162.64 4.25 -121.23	193.02 4.41 -149.45	52.15 3.74 -18.57	34.93 3.63 -1.92	32.95 3.56 -0.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.42 -0.99 0.00	23.67 -0.67 0.00	10.06 -0.34 0.00	6.79 -0.18 0.00	29.38 -0.88 0.00	30.00 -0.46 0.00	30.88 -0.48 0.00	32.36 -0.77 0.00	32.42 -0.45 0.00	29.42 -0.38 0.00	29.14 -0.65 0.00	27.64 -0.95 0.00	28.13 -1.03 0.00	28.03 -1.63 0.03	26.28 -1.54 5.39	24.47 -1.74 8.01	27.07 -1.80 1.85	27.39 -1.93 3.00	22.60 -2.28 10.02	23.68 -2.60 10.88	25.58 -2.47 11.11	18.08 -1.64 10.11	18.07 -1.76 9.55	26.35 -1.60 1.07

MORRIS_RIDGE___SOLAR 323848	27.49 -0.91 0.00	23.61 -0.73 0.00	10.06 -0.34 0.00	6.76 -0.22 0.00	29.16 -1.10 0.00	29.64 -0.82 0.00	30.41 -0.94 0.00	31.79 -1.34 0.00	31.74 -1.13 0.00	28.80 -1.00 0.00	28.70 -1.08 0.00	27.11 -1.47 0.00	27.46 -1.70 0.00	27.63 -1.84 0.22	-6.45 -2.10 37.56	-20.78 -2.23 52.78	16.48 -2.13 12.11	10.35 -2.15 19.83	-33.88 -2.41 66.37	-38.48 -2.53 73.12	-38.12 -2.60 74.68	-38.73 -2.01 66.55	-35.29 -1.99 62.68	20.08 -1.96 6.98
MORTIMER_115KV_TB3 55949	27.73 -0.68 0.00	23.72 -0.62 0.00	10.10 -0.31 0.00	6.76 -0.21 0.00	29.22 -1.04 0.00	29.59 -0.86 0.00	30.45 -0.91 0.00	31.86 -1.27 0.00	31.80 -1.08 0.00	28.91 -0.88 0.00	28.93 -0.85 0.00	27.72 -0.87 0.00	28.20 -0.97 0.00	28.58 -1.12 0.00	32.03 -1.18 0.00	32.87 -1.35 0.00	29.39 -1.33 0.00	31.02 -1.31 0.00	33.32 -1.58 0.00	35.34 -1.82 0.00	37.32 -1.84 0.00	28.46 -1.38 0.00	28.04 -1.34 0.00	27.85 -1.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.40 1.99 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.83 1.58 0.00	32.16 1.70 0.00	33.25 1.90 0.00	35.21 2.08 0.00	35.13 2.26 0.00	31.95 2.15 0.00	31.86 2.07 0.00	30.78 2.19 0.00	31.54 2.37 0.00	32.12 2.43 0.00	35.94 2.73 0.00	37.08 2.85 0.00	33.06 2.35 0.00	34.70 2.38 0.00	37.30 2.39 0.00	39.66 2.51 0.00	41.72 2.56 0.00	31.83 2.00 0.00	31.36 1.98 0.00	31.04 2.02 0.00
MUNSVILLE_WIND_PWR 323609	29.55 1.14 0.00	25.71 1.37 0.00	11.06 0.65 0.00	7.36 0.39 0.00	31.71 1.46 0.00	32.18 1.72 0.00	33.07 1.71 0.00	34.61 1.49 0.00	34.35 1.48 0.00	31.17 1.37 0.00	31.08 1.30 0.00	29.83 1.25 0.00	30.24 1.08 0.00	30.55 0.86 -0.01	35.24 0.66 -1.38	37.44 1.29 -1.93	31.75 0.59 -0.44	33.86 0.80 -0.73	38.53 1.18 -2.45	41.47 1.58 -2.72	43.57 1.63 -2.78	33.40 1.14 -2.43	32.45 0.79 -2.29	29.99 0.72 -0.25
N SALMON___HYD 24042	27.94 -0.47 0.00	23.81 -0.53 0.00	10.13 -0.27 0.00	6.79 -0.18 0.00	29.74 -0.51 0.00	29.93 -0.52 0.00	30.87 -0.49 0.00	32.95 -0.18 0.00	32.84 -0.03 0.00	29.82 0.03 0.00	29.80 0.01 0.00	28.55 -0.04 0.00	29.11 -0.06 0.00	29.53 -0.16 0.00	32.97 -0.24 0.00	33.96 -0.27 0.00	30.64 -0.07 0.00	32.08 -0.25 0.00	34.77 -0.13 0.00	37.16 0.01 0.00	39.16 0.01 0.00	29.81 -0.02 0.00	29.09 -0.29 0.00	28.66 -0.36 0.00
N.AKRON__115KV_KNAPP 355671	27.54 -0.87 0.00	23.54 -0.81 0.00	9.98 -0.42 0.00	6.69 -0.28 0.00	28.91 -1.35 0.00	29.38 -1.08 0.00	30.23 -1.13 0.00	31.40 -1.73 0.00	31.44 -1.44 0.00	28.64 -1.15 0.00	28.71 -1.07 0.00	27.42 -1.16 0.00	27.77 -1.39 0.00	28.02 -1.64 0.03	26.86 -1.51 4.84	25.67 -1.75 6.80	27.18 -1.98 1.56	27.91 -1.86 2.56	24.26 -2.09 8.56	25.28 -2.43 9.45	27.08 -2.43 9.65	19.49 -1.77 8.57	19.68 -1.62 8.07	26.62 -1.50 0.90
N.E_GEN_SANDY PD 24062	29.74 0.95 -0.38	27.01 0.88 -1.79	16.87 0.39 -6.07	16.69 0.24 -9.47	31.14 0.84 -0.05	31.63 0.97 -0.20	33.47 1.04 -1.08	39.87 1.01 -5.73	33.50 0.63 0.00	30.12 0.32 0.00	30.18 0.40 0.00	28.90 0.31 0.00	29.50 0.33 0.00	30.21 0.52 0.00	33.69 0.48 0.00	34.02 0.28 0.49	31.57 0.43 -0.43	32.89 0.57 0.00	35.78 0.87 0.00	38.27 1.11 0.00	40.30 1.14 0.00	30.63 0.79 0.00	30.26 0.88 0.00	30.04 1.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.12 1.71 0.00	25.84 1.50 0.00	11.06 0.65 0.00	7.37 0.40 0.00	31.58 1.32 0.00	31.88 1.42 0.00	32.93 1.58 0.00	34.87 1.74 0.00	34.76 1.89 0.00	31.58 1.79 0.00	31.52 1.74 0.00	30.42 1.83 0.00	31.16 2.00 0.00	31.76 2.07 0.00	35.57 2.36 0.00	36.71 2.48 0.00	32.75 2.04 0.00	34.41 2.09 0.00	36.99 2.08 0.00	39.35 2.19 0.00	41.42 2.26 0.00	31.57 1.74 0.00	31.10 1.72 0.00	30.77 1.75 0.00
N.QUEENS_27_KV_LOAD 356247	30.35 1.94 0.00	26.06 1.72 0.00	11.15 0.74 0.00	7.41 0.44 0.00	31.66 1.41 0.00	32.00 1.55 0.00	33.16 1.80 0.00	35.12 1.99 0.00	35.10 2.23 0.00	31.91 2.12 0.00	31.90 2.11 0.00	30.82 2.23 0.00	31.61 2.44 0.00	32.17 2.48 0.00	36.02 2.81 0.00	37.17 2.94 0.00	33.09 2.37 0.00	34.73 2.41 0.00	37.33 2.42 0.00	39.72 2.56 0.00	41.79 2.63 0.00	31.87 2.04 0.00	31.41 2.04 0.00	31.09 2.07 0.00
N.TROY___115KV_TB1 355778	29.27 0.87 0.00	25.15 0.81 0.00	10.77 0.36 0.00	7.19 0.22 0.00	31.02 0.77 0.00	31.33 0.88 0.00	32.86 0.96 -0.54	40.95 0.93 -6.89	33.46 0.59 0.00	30.12 0.33 0.00	30.12 0.34 0.00	28.87 0.28 0.00	29.49 0.32 0.00	30.15 0.46 0.00	33.68 0.46 0.00	34.62 0.40 0.00	31.22 0.51 0.00	32.99 0.66 0.00	35.81 0.91 0.00	38.26 1.11 0.00	40.31 1.15 0.00	30.65 0.82 0.00	30.24 0.86 0.00	29.96 0.94 0.00
NARROWS_GT1_1 24228	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT1_2 24229	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT1_3 24230	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT1_4 24231	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT1_5 24232	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00

NARROWS_GT1_6 24233	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT1_7 24234	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT1_8 24235	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_1 24236	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_2 24237	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_3 24238	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_4 24239	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_5 24240	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_6 24241	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_7 24242	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NARROWS_GT2_8 24243	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.46 1.05 0.00	25.27 0.93 0.00	10.82 0.42 0.00	7.23 0.26 0.00	31.18 0.93 0.00	31.48 1.03 0.00	32.36 1.15 0.15	32.33 1.08 1.88	33.66 0.78 0.00	30.47 0.67 0.00	30.36 0.57 0.00	29.07 0.48 0.00	29.69 0.52 0.00	30.31 0.63 0.00	34.08 0.86 0.00	35.07 0.85 0.00	31.59 0.87 0.00	33.62 1.29 0.00	36.46 1.55 0.00	38.95 1.80 0.00	41.13 1.98 0.00	31.25 1.42 0.00	30.80 1.43 0.00	30.38 1.37 0.00
NCHELSEA_115KV_TR2 355582	30.31 1.90 0.00	26.00 1.66 0.00	11.13 0.72 0.00	7.42 0.44 0.00	31.82 1.57 0.00	32.12 1.66 0.00	33.20 1.84 0.00	35.13 2.00 0.00	34.97 2.10 0.00	31.73 1.94 0.00	31.67 1.88 0.00	30.55 1.97 0.00	31.30 2.13 0.00	31.92 2.23 0.00	35.74 2.53 0.00	36.86 2.64 0.00	32.94 2.23 0.00	34.63 2.30 0.00	37.27 2.37 0.00	39.67 2.51 0.00	41.75 2.59 0.00	31.80 1.97 0.00	31.29 1.92 0.00	30.93 1.92 0.00
NEG CAPITAL___MECHNVIL 23645	29.66 1.25 0.00	25.49 1.15 0.00	10.91 0.50 0.00	7.28 0.31 0.00	31.44 1.19 0.00	31.78 1.32 0.00	33.16 1.48 -0.33	38.75 1.43 -4.19	33.95 1.07 0.00	30.54 0.74 0.00	30.47 0.69 0.00	29.21 0.63 0.00	29.89 0.72 0.00	30.55 0.86 0.00	34.16 0.95 0.00	35.21 0.99 0.00	31.79 1.07 0.00	33.64 1.32 0.00	36.51 1.60 0.00	38.99 1.84 0.00	41.11 1.95 0.00	31.22 1.39 0.00	30.73 1.35 0.00	30.41 1.39 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.35 -1.06 0.00	23.41 -0.93 0.00	9.97 -0.43 0.00	6.68 -0.29 0.00	28.88 -1.38 0.00	29.23 -1.22 0.00	30.09 -1.27 0.00	31.56 -1.57 0.00	31.42 -1.45 0.00	28.56 -1.23 0.00	28.58 -1.21 0.00	27.37 -1.21 0.00	27.86 -1.31 0.00	28.27 -1.42 0.00	31.68 -1.53 0.00	32.55 -1.67 0.00	29.11 -1.61 0.00	30.71 -1.62 0.00	33.04 -1.86 0.01	35.06 -2.08 0.03	37.02 -2.12 0.02	28.25 -1.58 0.00	27.77 -1.61 0.00	27.55 -1.47 0.00

NEG CENTRAL___DRP 24199	28.16 -0.25 0.00	24.15 -0.19 0.00	10.31 -0.10 0.00	6.90 -0.07 0.00	29.82 -0.43 0.00	30.18 -0.28 0.00	31.10 -0.26 0.00	32.69 -0.44 0.00	32.49 -0.39 0.00	29.45 -0.34 0.00	29.42 -0.36 0.00	28.08 -0.50 0.00	28.61 -0.56 0.00	29.11 -0.60 -0.01	35.04 -0.66 -2.49	36.95 -0.75 -3.48	30.81 -0.71 -0.81	32.95 -0.70 -1.32	38.47 -0.85 -4.41	41.11 -0.91 -4.87	43.22 -0.89 -4.95	33.52 -0.69 -4.38	32.79 -0.71 -4.13	28.92 -0.55 -0.46
NEG CENTRAL___INDECK 23768	28.44 0.02 0.00	24.33 -0.01 0.00	10.36 -0.04 0.00	6.95 -0.02 0.00	30.03 -0.22 0.00	30.54 0.07 0.00	31.48 0.13 0.00	32.94 -0.19 0.00	32.83 -0.04 0.00	29.68 -0.11 0.00	29.52 -0.27 0.00	28.09 -0.49 0.00	28.40 -0.77 0.00	28.99 -0.85 -0.16	59.24 -0.92 -26.95	71.02 -1.08 -37.87	38.47 -0.94 -8.70	45.84 -0.76 -14.27	81.70 -0.93 -47.72	88.96 -0.88 -52.69	92.14 -0.79 -53.78	76.90 -0.67 -47.74	73.56 -0.76 -44.95	33.22 -0.80 -5.00
NEG CENTRAL___SENECA 23627	28.19 -0.22 0.00	24.18 -0.16 0.00	10.31 -0.09 0.00	6.91 -0.06 0.00	29.82 -0.44 0.00	30.22 -0.24 0.00	31.16 -0.19 0.00	32.74 -0.39 0.00	32.58 -0.30 0.00	29.52 -0.28 0.00	29.46 -0.33 0.00	28.10 -0.48 0.00	28.61 -0.55 0.00	29.13 -0.59 -0.02	36.51 -0.68 -3.98	38.99 -0.81 -5.57	31.28 -0.73 -1.29	33.73 -0.72 -2.12	41.02 -0.95 -7.07	43.96 -1.01 -7.81	46.11 -0.99 -7.95	36.06 -0.79 -7.02	35.20 -0.79 -6.61	29.12 -0.63 -0.74
NEG CENTRAL___STATE_STREET 24147	28.33 -0.08 0.00	24.36 0.02 0.00	10.38 -0.02 0.00	6.96 -0.01 0.00	30.14 -0.11 0.00	30.44 -0.02 0.00	31.33 -0.02 0.00	32.95 -0.18 0.00	32.68 -0.19 0.00	29.60 -0.19 0.00	29.59 -0.19 0.00	28.21 -0.37 0.00	28.77 -0.40 0.00	29.26 -0.43 0.00	32.79 -0.42 0.00	33.76 -0.46 0.00	30.21 -0.50 0.00	31.87 -0.46 0.00	34.42 -0.49 0.00	36.66 -0.50 0.00	38.73 -0.43 0.00	29.55 -0.28 0.00	28.99 -0.39 0.00	28.81 -0.20 0.00
NEG MILLWOOD___DRP 24198	30.36 1.94 0.00	26.04 1.70 0.00	11.15 0.74 0.00	7.43 0.46 0.00	31.85 1.60 0.00	32.16 1.71 0.00	33.25 1.89 0.00	35.19 2.06 0.00	35.05 2.17 0.00	31.82 2.03 0.00	31.75 1.96 0.00	30.64 2.05 0.00	31.38 2.22 0.00	32.01 2.32 0.00	35.82 2.61 0.00	36.95 2.73 0.00	33.00 2.29 0.00	34.68 2.36 0.00	37.32 2.41 0.00	39.71 2.55 0.00	41.79 2.63 0.00	31.83 2.00 0.00	31.33 1.96 0.00	30.99 1.97 0.00
NEG NORTH_FLCN_SEA 23793	28.36 -0.05 0.00	24.17 -0.17 0.00	10.29 -0.12 0.00	6.88 -0.09 0.00	29.99 -0.26 0.00	30.21 -0.25 0.00	31.11 -0.24 0.00	33.22 0.09 0.00	33.18 0.30 0.00	30.21 0.41 0.00	30.21 0.42 0.00	28.93 0.34 0.00	29.46 0.30 0.00	29.97 0.28 0.00	33.40 0.19 0.00	34.36 0.14 0.00	31.07 0.35 0.00	32.57 0.24 0.00	35.24 0.33 0.00	37.60 0.44 0.00	39.39 0.23 0.00	29.93 0.10 0.00	29.31 -0.07 0.00	28.97 -0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	28.03 -0.38 0.00	23.91 -0.44 0.00	10.17 -0.24 0.00	6.81 -0.16 0.00	29.78 -0.48 0.00	29.90 -0.56 0.00	30.79 -0.56 0.00	32.92 -0.21 0.00	32.93 0.05 0.00	29.93 0.13 0.00	29.94 0.16 0.00	28.68 0.09 0.00	29.22 0.06 0.00	29.68 -0.02 0.00	33.13 -0.08 0.00	34.12 -0.11 0.00	30.77 0.05 0.00	32.23 -0.10 0.00	34.87 -0.04 0.00	37.21 0.05 0.00	39.13 -0.02 0.00	29.76 -0.07 0.00	29.10 -0.28 0.00	28.76 -0.26 0.00
NEG NORTH___ALICE_FALLS 23915	28.30 -0.11 0.00	24.12 -0.22 0.00	10.26 -0.14 0.00	6.87 -0.11 0.00	29.95 -0.30 0.00	30.16 -0.29 0.00	31.08 -0.27 0.00	33.18 0.05 0.00	33.13 0.26 0.00	30.14 0.34 0.00	30.14 0.36 0.00	28.86 0.27 0.00	29.40 0.23 0.00	29.89 0.20 0.00	33.32 0.11 0.00	34.29 0.07 0.00	30.98 0.27 0.00	32.50 0.17 0.00	35.19 0.28 0.00	37.58 0.42 0.00	39.43 0.27 0.00	29.96 0.13 0.00	29.31 -0.07 0.00	28.95 -0.07 0.00
NEG NORTH___LWR_SARANAC 23913	28.30 -0.11 0.00	24.12 -0.22 0.00	10.26 -0.14 0.00	6.87 -0.11 0.00	29.95 -0.30 0.00	30.16 -0.29 0.00	31.08 -0.27 0.00	33.18 0.05 0.00	33.13 0.26 0.00	30.14 0.34 0.00	30.14 0.36 0.00	28.86 0.27 0.00	29.40 0.23 0.00	29.89 0.20 0.00	33.32 0.11 0.00	34.29 0.07 0.00	30.98 0.27 0.00	32.50 0.17 0.00	35.19 0.28 0.00	37.58 0.42 0.00	39.43 0.27 0.00	29.96 0.13 0.00	29.31 -0.07 0.00	28.95 -0.07 0.00
NEG NORTH___PLATTSBURG 23628	28.30 -0.11 0.00	24.12 -0.22 0.00	10.26 -0.14 0.00	6.87 -0.11 0.00	29.95 -0.30 0.00	30.17 -0.29 0.00	31.08 -0.27 0.00	33.19 0.06 0.00	33.13 0.26 0.00	30.14 0.34 0.00	30.14 0.36 0.00	28.86 0.27 0.00	29.40 0.23 0.00	29.89 0.20 0.00	33.32 0.11 0.00	34.29 0.07 0.00	30.98 0.27 0.00	32.50 0.17 0.00	35.18 0.28 0.00	37.58 0.42 0.00	39.43 0.27 0.00	29.96 0.13 0.00	29.31 -0.07 0.00	28.95 -0.07 0.00
NEG WEST_LEA_LOCKPORT 23791	26.99 -1.42 0.00	23.08 -1.26 0.00	9.78 -0.62 0.00	6.56 -0.41 0.00	28.34 -1.91 0.00	28.78 -1.68 0.00	29.54 -1.81 0.00	30.62 -2.51 0.00	30.71 -2.16 0.00	27.98 -1.81 0.00	28.05 -1.74 0.00	26.79 -1.79 0.00	27.21 -1.96 0.00	27.37 -2.29 0.04	24.83 -2.30 6.09	23.16 -2.51 8.55	26.10 -2.65 1.96	26.42 -2.69 3.22	21.13 -3.02 10.76	21.84 -3.44 11.87	23.51 -3.52 12.12	16.49 -2.57 10.78	16.88 -2.34 10.15	25.72 -2.17 1.13
NEG WEST___LANCASTR 23811	27.67 -0.74 0.00	23.74 -0.61 0.00	10.09 -0.32 0.00	6.76 -0.21 0.00	29.13 -1.13 0.00	29.57 -0.89 0.00	30.40 -0.96 0.00	31.74 -1.39 0.00	31.78 -1.09 0.00	28.91 -0.89 0.00	28.90 -0.89 0.00	27.54 -1.05 0.00	28.02 -1.15 0.00	28.29 -1.37 0.04	25.68 -1.33 6.21	24.01 -1.51 8.71	26.98 -1.73 2.00	27.36 -1.70 3.27	22.00 -2.00 10.90	22.96 -2.31 11.89	24.73 -2.28 12.14	17.20 -1.65 10.98	17.47 -1.55 10.36	26.48 -1.38 1.16
NEG_PENN_ALLEGHNY 23528	28.52 0.11 0.00	24.52 0.18 0.00	10.48 0.08 0.00	7.01 0.04 0.00	30.19 -0.06 0.00	30.55 0.09 0.00	31.46 0.11 0.00	33.19 0.06 0.00	33.02 0.14 0.00	29.95 0.15 0.00	29.91 0.12 0.00	28.58 0.00 0.00	29.18 0.02 0.00	29.72 0.03 0.00	33.27 0.05 0.00	34.22 -0.01 -0.01	30.56 -0.16 0.00	32.20 -0.13 0.00	34.72 -0.20 -0.02	37.00 -0.21 -0.05	39.05 -0.16 -0.05	29.72 -0.12 0.00	29.26 -0.11 0.00	28.99 -0.03 0.00
NEG___GEN_MONROE 24207	27.88 -0.53 0.00	23.84 -0.50 0.00	10.14 -0.27 0.00	6.79 -0.18 0.00	29.34 -0.91 0.00	29.75 -0.71 0.00	30.62 -0.73 0.00	32.01 -1.12 0.00	31.94 -0.94 0.00	29.05 -0.74 0.00	29.06 -0.72 0.00	27.85 -0.74 0.00	28.27 -0.90 0.00	28.63 -1.07 0.00	32.19 -1.04 -0.02	33.00 -1.25 -0.03	29.46 -1.27 -0.01	31.16 -1.17 -0.01	33.54 -1.40 -0.03	35.53 -1.63 -0.01	37.54 -1.63 -0.01	28.66 -1.21 -0.04	28.23 -1.18 -0.04	27.99 -1.03 0.00
NEPA___ENERGY 23901	27.61 -0.80 0.00	23.81 -0.53 0.00	10.13 -0.28 0.00	6.79 -0.18 0.00	29.19 -1.07 0.00	29.75 -0.71 0.00	30.57 -0.78 0.00	32.04 -1.09 0.00	32.10 -0.78 0.00	29.18 -0.62 0.00	29.11 -0.67 0.00	27.61 -0.97 0.00	28.18 -0.98 0.00	28.49 -1.16 0.04	25.07 -1.20 6.93	23.12 -1.41 9.69	26.89 -1.60 2.23	27.05 -1.65 3.63	20.78 -1.99 12.13	21.68 -2.27 13.20	23.46 -2.22 13.48	16.05 -1.56 12.23	16.36 -1.48 11.54	26.45 -1.28 1.28

NEVERSINK___HYD 23608	30.32 1.91 0.00	26.00 1.66 0.00	11.12 0.71 0.00	7.42 0.45 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.24 1.89 0.00	35.19 2.05 0.00	35.00 2.13 0.00	31.73 1.93 0.00	31.70 1.92 0.00	30.57 1.99 0.00	31.31 2.14 0.00	31.94 2.25 0.00	35.71 2.50 0.00	36.80 2.58 0.00	32.93 2.22 0.00	34.76 2.43 0.00	37.44 2.53 0.00	39.88 2.72 0.00	41.97 2.81 0.00	31.92 2.08 0.00	31.39 2.01 0.00	31.00 1.98 0.00
NEWKRMKL_115KV_TB1 55635	28.96 0.55 0.00	24.86 0.52 0.00	10.65 0.24 0.00	7.11 0.14 0.00	30.65 0.39 0.00	30.91 0.45 0.00	31.65 0.51 0.22	30.86 0.48 2.75	33.13 0.26 0.00	29.94 0.14 0.00	29.96 0.18 0.00	28.77 0.19 0.00	29.42 0.26 0.00	30.04 0.35 0.00	33.55 0.34 0.00	34.54 0.32 0.00	31.00 0.28 0.00	32.72 0.39 0.00	35.42 0.52 0.00	37.78 0.62 0.00	39.78 0.63 0.00	30.26 0.43 0.00	29.94 0.56 0.00	29.62 0.60 0.00
NEWTON___FALLS_HYD 23847	27.63 -0.78 0.00	23.57 -0.77 0.00	10.03 -0.37 0.00	6.72 -0.26 0.00	29.50 -0.76 0.00	29.71 -0.75 0.00	30.64 -0.72 0.00	32.44 -0.69 0.00	31.95 -0.93 0.00	28.86 -0.94 0.00	28.80 -0.99 0.00	27.56 -1.02 0.00	27.92 -1.24 0.00	28.21 -1.48 0.00	31.53 -1.68 0.00	32.83 -1.40 0.00	29.70 -1.02 0.00	31.14 -1.19 0.00	33.81 -1.10 0.00	36.16 -0.99 0.00	38.14 -1.02 0.00	29.10 -0.74 0.00	28.36 -1.02 0.00	27.86 -1.16 0.00
NGRID_A1_DSASP 323792	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.24 0.00	30.19 -2.94 0.00	30.19 -2.69 0.00	27.55 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.02 -2.63 0.04	24.17 -2.81 6.23	22.44 -3.08 8.71	25.65 -3.06 2.01	25.89 -3.18 3.26	20.49 -3.53 10.88	21.47 -3.94 11.75	23.04 -4.13 12.00	15.94 -2.89 11.00	16.15 -2.83 10.40	25.34 -2.53 1.16
NGRID_A2_DSASP 323793	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.24 0.00	30.19 -2.94 0.00	30.19 -2.69 0.00	27.55 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.02 -2.63 0.04	24.17 -2.81 6.23	22.44 -3.08 8.71	25.65 -3.06 2.01	25.89 -3.18 3.26	20.49 -3.53 10.88	21.47 -3.94 11.75	23.04 -4.13 12.00	15.94 -2.89 11.00	16.15 -2.83 10.40	25.34 -2.53 1.16
NGRID_A4_DSASP 323807	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.24 0.00	30.19 -2.94 0.00	30.19 -2.69 0.00	27.55 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.02 -2.63 0.04	24.17 -2.81 6.23	22.44 -3.08 8.71	25.65 -3.06 2.01	25.89 -3.18 3.26	20.49 -3.53 10.88	21.47 -3.94 11.75	23.04 -4.13 12.00	15.94 -2.89 11.00	16.15 -2.83 10.40	25.34 -2.53 1.16
NIAGARA_115E_LBMP 323715	26.57 -1.84 0.00	22.73 -1.61 0.00	9.63 -0.78 0.00	6.46 -0.51 0.00	27.91 -2.34 0.00	28.32 -2.14 0.00	29.06 -2.30 0.00	30.05 -3.08 0.00	30.13 -2.74 0.00	27.50 -2.29 0.00	27.59 -2.19 0.00	26.37 -2.21 0.00	26.78 -2.38 0.00	26.95 -2.70 0.04	24.83 -2.44 5.94	23.30 -2.56 8.37	25.80 -3.00 1.92	26.10 -3.07 3.15	20.99 -3.38 10.54	21.61 -3.85 11.70	23.30 -3.91 11.95	16.52 -2.78 10.54	17.04 -2.42 9.91	25.51 -2.40 1.11
NIAGARA_115W_LBMP 323714	26.74 -1.67 0.00	22.88 -1.47 0.00	9.65 -0.76 0.00	6.46 -0.51 0.00	27.87 -2.39 0.00	28.29 -2.17 0.00	29.02 -2.34 0.00	30.09 -3.05 0.00	30.09 -2.78 0.00	27.45 -2.35 0.00	27.51 -2.27 0.00	26.35 -2.24 0.00	26.79 -2.38 0.00	26.94 -2.72 0.04	24.13 -2.90 6.19	22.39 -3.17 8.66	25.58 -3.14 1.99	25.81 -3.27 3.24	20.45 -3.63 10.83	21.39 -4.03 11.74	22.94 -4.23 11.99	15.94 -2.96 10.93	16.15 -2.90 10.32	25.29 -2.58 1.15
NIAGARA_230_LBMP 323716	26.82 -1.59 0.00	22.95 -1.39 0.00	9.73 -0.67 0.00	6.53 -0.45 0.00	28.15 -2.10 0.00	28.58 -1.88 0.00	29.34 -2.02 0.00	30.46 -2.67 0.00	30.44 -2.44 0.00	27.76 -2.04 0.00	27.79 -1.99 0.00	26.61 -1.98 0.00	27.05 -2.12 0.00	27.22 -2.44 0.03	24.62 -2.66 5.93	22.97 -2.91 8.34	25.95 -2.86 1.91	26.22 -2.97 3.14	20.99 -3.40 10.52	21.69 -3.78 11.68	23.33 -3.90 11.93	16.53 -2.79 10.52	16.80 -2.68 9.89	25.48 -2.44 1.10
NIAGARA___115KV_198_GIBSON 55903	26.74 -1.67 0.00	22.88 -1.46 0.00	9.65 -0.76 0.00	6.46 -0.51 0.00	27.87 -2.39 0.00	28.29 -2.17 0.00	29.01 -2.34 0.00	30.07 -3.06 0.00	30.13 -2.75 0.00	27.44 -2.35 0.00	27.51 -2.27 0.00	26.34 -2.24 0.00	26.79 -2.38 0.00	26.91 -2.74 0.04	24.17 -2.86 6.19	22.47 -3.10 8.66	25.60 -3.13 1.99	25.84 -3.25 3.24	20.44 -3.64 10.83	21.30 -4.12 11.74	22.90 -4.27 11.99	15.83 -3.07 10.93	16.18 -2.87 10.32	25.28 -2.59 1.15
NIAGARA____ 23760	26.82 -1.59 0.00	22.95 -1.39 0.00	9.73 -0.67 0.00	6.53 -0.45 0.00	28.15 -2.10 0.00	28.58 -1.88 0.00	29.34 -2.02 0.00	30.46 -2.67 0.00	30.44 -2.44 0.00	27.76 -2.04 0.00	27.79 -1.99 0.00	26.61 -1.98 0.00	27.05 -2.12 0.00	27.22 -2.44 0.04	24.59 -2.66 5.96	22.94 -2.91 8.38	25.93 -2.86 1.92	26.21 -2.97 3.15	20.95 -3.40 10.55	21.68 -3.78 11.69	23.32 -3.90 11.94	16.49 -2.79 10.56	16.75 -2.68 9.94	25.47 -2.44 1.11
NINE_MILE_1 23575	27.64 -0.77 0.00	23.70 -0.64 0.00	10.13 -0.28 0.00	6.78 -0.19 0.00	29.34 -0.91 0.00	29.56 -0.90 0.00	30.37 -0.98 0.00	31.99 -1.14 0.00	31.75 -1.12 0.00	28.79 -1.01 0.00	28.77 -1.01 0.00	27.58 -1.00 0.00	28.14 -1.03 0.00	28.63 -1.06 0.00	32.05 -1.17 0.00	33.01 -1.22 0.00	29.59 -1.13 0.00	31.16 -1.17 0.00	33.64 -1.27 0.00	35.81 -1.35 0.00	37.75 -1.41 0.00	28.75 -1.08 0.00	28.34 -1.04 0.00	28.12 -0.90 0.00
NINE_MILE_2 23744	27.65 -0.76 0.00	23.70 -0.64 0.00	10.13 -0.28 0.00	6.78 -0.19 0.00	29.35 -0.90 0.00	29.56 -0.89 0.00	30.38 -0.98 0.00	31.99 -1.14 0.00	31.75 -1.12 0.00	28.79 -1.00 0.00	28.78 -1.01 0.00	27.58 -1.00 0.00	28.14 -1.03 0.00	28.63 -1.06 0.00	32.05 -1.17 0.00	33.01 -1.21 0.00	29.59 -1.13 0.00	31.16 -1.16 0.00	33.64 -1.26 0.00	35.81 -1.35 0.00	37.75 -1.41 0.00	28.76 -1.07 0.00	28.34 -1.03 0.00	28.12 -0.90 0.00
NM_CAPITAL___DRP 24208	29.00 0.59 0.00	24.90 0.56 0.00	10.67 0.26 0.00	7.12 0.15 0.00	30.68 0.43 0.00	30.95 0.50 0.00	31.63 0.55 0.27	30.17 0.52 3.47	33.15 0.28 0.00	29.96 0.16 0.00	29.98 0.20 0.00	28.79 0.20 0.00	29.43 0.27 0.00	30.06 0.37 0.00	33.56 0.35 0.00	34.53 0.31 0.00	31.02 0.31 0.00	32.72 0.39 0.00	35.45 0.54 0.00	37.82 0.66 0.00	39.83 0.67 0.00	30.30 0.47 0.00	29.97 0.59 0.00	29.65 0.64 0.00
NM_CENTRAL___DRP 24181	28.18 -0.23 0.00	24.16 -0.18 0.00	10.32 -0.09 0.00	6.91 -0.07 0.00	29.85 -0.40 0.00	30.12 -0.34 0.00	30.99 -0.37 0.00	32.64 -0.49 0.00	32.40 -0.48 0.00	29.39 -0.40 0.00	29.38 -0.41 0.00	28.15 -0.43 0.00	28.71 -0.45 0.00	29.23 -0.46 0.00	32.75 -0.47 0.00	33.71 -0.51 0.00	30.20 -0.52 0.00	31.81 -0.51 0.00	34.34 -0.57 0.00	36.55 -0.61 0.00	38.54 -0.62 0.00	29.34 -0.49 0.00	28.90 -0.48 0.00	28.65 -0.37 0.00

NM_FRONTIER___DRP 24179	26.74 -1.67 0.00	22.88 -1.46 0.00	9.65 -0.76 0.00	6.46 -0.51 0.00	27.87 -2.39 0.00	28.29 -2.17 0.00	29.01 -2.34 0.00	30.07 -3.06 0.00	30.13 -2.75 0.00	27.44 -2.35 0.00	27.51 -2.27 0.00	26.34 -2.24 0.00	26.79 -2.38 0.00	26.91 -2.74 0.04	24.17 -2.86 6.19	22.47 -3.10 8.66	25.60 -3.13 1.99	25.84 -3.25 3.24	20.44 -3.64 10.83	21.30 -4.12 11.74	22.90 -4.27 11.99	15.83 -3.07 10.93	16.18 -2.87 10.32	25.28 -2.59 1.15
NM_ST_REGIS___HYD 24053	27.55 -0.86 0.00	23.49 -0.85 0.00	10.01 -0.40 0.00	6.72 -0.26 0.00	29.53 -0.73 0.00	29.84 -0.62 0.00	30.78 -0.58 0.00	32.65 -0.47 0.00	32.33 -0.55 0.00	29.33 -0.47 0.00	29.35 -0.44 0.00	28.15 -0.44 0.00	28.63 -0.53 0.00	29.01 -0.68 0.00	32.40 -0.81 0.00	33.45 -0.77 0.00	30.21 -0.51 0.00	31.51 -0.82 0.00	34.17 -0.73 0.00	36.53 -0.63 0.00	38.60 -0.56 0.00	29.53 -0.30 0.00	28.72 -0.65 0.00	28.22 -0.80 0.00
NORTHPORT___1 23551	34.64 2.30 -3.93	33.17 2.06 -6.77	11.64 0.95 -0.29	7.87 0.59 -0.31	32.29 2.04 0.00	32.57 2.12 0.00	33.52 2.17 0.00	35.29 2.16 0.00	35.07 2.20 0.00	32.66 2.09 -0.77	43.18 1.96 -11.44	33.19 2.45 -2.16	33.58 2.68 -1.73	35.95 2.72 -3.53	39.48 3.16 -3.11	40.60 3.17 -3.20	35.48 2.53 -2.24	34.27 2.34 0.39	28.40 2.22 8.73	28.54 2.51 11.12	31.33 2.62 10.45	31.42 1.92 0.33	33.40 2.11 -1.92	31.73 2.33 -0.38
NORTHPORT___2 23552	34.64 2.30 -3.93	33.17 2.06 -6.77	11.64 0.95 -0.29	7.87 0.59 -0.31	32.29 2.04 0.00	32.57 2.12 0.00	33.52 2.17 0.00	35.29 2.16 0.00	35.07 2.20 0.00	32.66 2.09 -0.77	43.18 1.96 -11.44	33.19 2.45 -2.16	33.58 2.68 -1.73	35.95 2.72 -3.53	39.48 3.16 -3.11	40.60 3.17 -3.20	35.48 2.53 -2.24	34.27 2.34 0.39	28.40 2.22 8.73	28.54 2.51 11.12	31.33 2.62 10.45	31.42 1.92 0.33	33.40 2.11 -1.92	31.73 2.33 -0.38
NORTHPORT___3 23553	35.11 2.33 -4.37	33.41 2.08 -7.00	11.66 0.95 -0.30	7.89 0.59 -0.34	32.29 2.04 0.00	32.57 2.11 0.00	33.51 2.15 0.00	35.29 2.16 0.00	35.05 2.18 0.00	32.67 2.09 -0.79	43.43 1.98 -11.67	33.45 2.49 -2.38	33.77 2.72 -1.88	36.31 2.79 -3.83	39.71 3.20 -3.30	40.87 3.17 -3.47	35.68 2.53 -2.43	34.57 2.42 0.17	28.67 2.28 8.52	28.86 2.57 10.86	31.73 2.73 10.15	31.59 2.06 0.29	33.39 2.09 -1.92	31.73 2.33 -0.38
NORTHPORT___4 23650	35.11 2.33 -4.37	33.41 2.08 -7.00	11.66 0.95 -0.30	7.89 0.59 -0.34	32.29 2.04 0.00	32.57 2.11 0.00	33.51 2.15 0.00	35.29 2.16 0.00	35.05 2.18 0.00	32.67 2.09 -0.79	43.43 1.98 -11.67	33.45 2.49 -2.38	33.77 2.72 -1.88	36.31 2.79 -3.83	39.71 3.20 -3.30	40.87 3.17 -3.47	35.68 2.53 -2.43	34.57 2.42 0.17	28.67 2.28 8.52	28.86 2.57 10.86	31.73 2.73 10.15	31.59 2.06 0.29	33.39 2.09 -1.92	31.73 2.33 -0.38
NORTHPORT___IC 23718	34.64 2.30 -3.93	33.17 2.06 -6.77	11.65 0.96 -0.29	7.87 0.59 -0.31	32.29 2.04 0.00	32.58 2.12 0.00	33.53 2.17 0.00	35.29 2.16 0.00	35.07 2.19 0.00	32.66 2.09 -0.77	43.17 1.95 -11.44	33.20 2.45 -2.16	33.58 2.68 -1.73	35.95 2.72 -3.53	39.47 3.15 -3.11	40.58 3.16 -3.20	35.48 2.52 -2.24	34.27 2.33 0.39	28.40 2.22 8.73	28.55 2.52 11.12	31.34 2.63 10.45	31.44 1.94 0.33	33.40 2.11 -1.92	31.72 2.33 -0.38
NORTH___COUNTRY_ESR 323785	27.97 -0.44 0.00	23.86 -0.48 0.00	10.15 -0.26 0.00	6.79 -0.18 0.00	29.72 -0.54 0.00	29.84 -0.62 0.00	30.73 -0.63 0.00	32.87 -0.26 0.00	32.93 0.05 0.00	29.93 0.13 0.00	29.95 0.16 0.00	28.68 0.10 0.00	29.22 0.06 0.00	29.67 -0.02 0.00	33.13 -0.09 0.00	34.12 -0.10 0.00	30.76 0.04 0.00	32.22 -0.10 0.00	34.86 -0.05 0.00	37.16 0.00 0.00	39.06 -0.10 0.00	29.67 -0.16 0.00	29.03 -0.35 0.00	28.69 -0.33 0.00
NPX_GEN_1385_PROXY 323591	34.47 2.19 -3.87	33.08 1.97 -6.77	11.60 0.91 -0.29	7.05 0.58 0.50	32.13 2.00 0.12	32.47 2.02 0.00	33.58 2.22 0.00	35.19 2.06 0.00	25.79 2.07 9.16	32.60 2.03 -0.77	22.23 1.85 9.40	13.71 2.35 17.22	0.76 2.57 30.98	4.74 2.61 27.56	10.41 3.04 25.83	40.48 3.06 -3.20	35.37 2.41 -2.24	34.17 2.23 0.39	28.45 2.27 8.73	28.67 2.64 11.12	37.51 2.77 4.41	35.80 2.02 -3.94	33.40 2.11 -1.92	2.15 2.22 29.10
NPX_GEN_CSC 323557	36.16 2.97 -4.78	34.02 2.54 -7.14	11.89 1.15 -0.33	7.24 0.70 0.43	32.78 2.65 0.12	33.34 2.89 0.00	34.43 3.07 -0.01	36.33 3.20 -0.01	36.26 3.39 0.00	33.58 3.00 -0.79	44.25 2.75 -11.71	34.41 3.18 -2.66	34.67 3.37 -2.13	37.50 3.45 -4.35	40.95 4.10 -3.64	42.39 4.24 -3.93	36.91 3.44 -2.76	37.81 3.42 -2.06	78.57 3.46 -40.21	161.77 3.80 -120.81	192.13 3.99 -148.98	51.35 3.00 -18.52	34.34 3.04 -1.92	32.57 3.17 -0.38
NSINS_S_GLNS_FALLS 23858	29.67 1.26 0.00	25.53 1.19 0.00	10.93 0.52 0.00	7.31 0.34 0.00	31.55 1.30 0.00	32.00 1.54 0.00	33.37 1.83 -0.18	37.22 1.73 -2.36	34.05 1.18 0.00	30.52 0.72 0.00	30.50 0.72 0.00	29.14 0.56 0.00	29.80 0.63 0.00	30.49 0.80 0.00	34.10 0.88 0.00	35.27 1.05 0.00	31.96 1.25 0.00	34.05 1.73 0.00	36.99 2.08 0.00	39.56 2.41 0.00	41.66 2.50 0.00	31.63 1.80 0.00	31.00 1.62 0.00	30.64 1.63 0.00
NUCOR_STEEL___DRP 24197	28.31 -0.10 0.00	24.35 0.01 0.00	10.38 -0.03 0.00	6.96 -0.01 0.00	30.13 -0.12 0.00	30.42 -0.04 0.00	31.31 -0.04 0.00	32.93 -0.20 0.00	32.67 -0.21 0.00	29.58 -0.22 0.00	29.58 -0.20 0.00	28.19 -0.40 0.00	28.75 -0.42 0.00	29.24 -0.45 0.00	32.76 -0.45 0.00	33.74 -0.48 0.00	30.20 -0.52 0.00	31.85 -0.48 0.00	34.40 -0.50 0.00	36.65 -0.51 0.00	38.71 -0.45 0.00	29.55 -0.28 0.00	28.98 -0.40 0.00	28.81 -0.20 0.00
NUMBER_THREE_WT_PWR 323818	28.50 0.08 0.00	24.33 -0.02 0.00	10.34 -0.07 0.00	6.89 -0.07 0.00	30.23 -0.02 0.00	30.29 -0.17 0.00	31.25 -0.11 0.00	33.09 -0.04 0.00	32.55 -0.33 0.00	29.36 -0.44 0.00	29.19 -0.59 0.00	27.88 -0.70 0.00	28.14 -1.03 0.00	28.32 -1.38 0.00	31.67 -1.54 0.00	33.26 -0.96 0.00	30.12 -0.59 0.00	31.76 -0.57 0.00	34.47 -0.44 0.00	36.81 -0.35 0.00	38.65 -0.51 0.00	29.33 -0.50 0.00	28.67 -0.70 0.00	28.16 -0.86 0.00
NYISO_LBMP_REFERENCE 24008	28.41 0.00 0.00	24.34 0.00 0.00	10.41 0.00 0.00	6.97 0.00 0.00	30.25 0.00 0.00	30.46 0.00 0.00	31.35 0.00 0.00	33.13 0.00 0.00	32.88 0.00 0.00	29.80 0.00 0.00	29.79 0.00 0.00	28.58 0.00 0.00	29.16 0.00 0.00	29.69 0.00 0.00	33.21 0.00 0.00	34.22 0.00 0.00	30.72 0.00 0.00	32.33 0.00 0.00	34.91 0.00 0.00	37.16 0.00 0.00	39.16 0.00 0.00	29.83 0.00 0.00	29.38 0.00 0.00	29.02 0.00 0.00
NYPA_BRENTWD____GT 24164	37.21 2.68 -6.13	34.35 2.35 -7.66	11.88 1.07 -0.41	8.14 0.67 -0.50	32.65 2.40 0.00	32.99 2.53 0.00	34.01 2.66 0.00	35.88 2.75 0.00	35.66 2.78 0.00	33.19 2.59 -0.81	44.37 2.48 -12.11	34.86 2.91 -3.37	34.99 3.11 -2.72	38.36 3.14 -5.53	41.29 3.68 -4.40	42.98 3.76 -5.00	37.23 3.00 -3.51	36.78 2.89 -1.57	43.76 2.83 -6.02	66.99 3.16 -26.67	77.54 3.33 -35.05	37.31 2.46 -5.02	33.93 2.64 -1.92	32.21 2.82 -0.38

NYPA_GOWANUS____GT5 24156	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NYPA_GOWANUS____GT6 24157	30.63 2.21 0.00	26.25 1.91 0.00	11.24 0.83 0.00	7.48 0.50 0.00	31.97 1.72 0.00	32.32 1.87 0.00	33.41 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.95 2.37 0.00	31.75 2.57 0.00	33.50 2.62 -1.19	47.84 2.93 -11.70	47.75 3.07 -10.46	47.75 2.53 -14.51	47.77 2.55 -12.89	47.94 2.54 -10.50	81.84 2.61 -42.08	52.32 2.66 -10.50	53.89 2.05 -22.02	42.02 2.05 -10.59	31.11 2.09 0.00
NYPA_HARLEM__RVR__GT1 24160	30.34 1.93 0.00	26.04 1.70 0.00	11.14 0.73 0.00	7.41 0.44 0.00	31.65 1.40 0.00	32.00 1.55 0.00	33.14 1.79 0.00	35.08 1.95 0.00	35.07 2.19 0.00	31.88 2.09 0.00	31.85 2.06 0.00	30.78 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.97 2.75 0.00	37.11 2.89 0.00	33.03 2.32 0.00	34.68 2.35 0.00	37.28 2.37 0.00	39.64 2.48 0.00	41.72 2.56 0.00	31.80 1.97 0.00	31.36 1.98 0.00	31.06 2.04 0.00
NYPA_HARLEM__RVR__GT2 24161	30.34 1.93 0.00	26.04 1.70 0.00	11.14 0.73 0.00	7.41 0.44 0.00	31.65 1.40 0.00	32.00 1.55 0.00	33.14 1.79 0.00	35.08 1.95 0.00	35.07 2.19 0.00	31.88 2.09 0.00	31.85 2.06 0.00	30.78 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.97 2.75 0.00	37.11 2.89 0.00	33.03 2.32 0.00	34.68 2.35 0.00	37.28 2.37 0.00	39.64 2.48 0.00	41.72 2.56 0.00	31.80 1.97 0.00	31.36 1.98 0.00	31.06 2.04 0.00
NYPA_KENT____GT 24152	30.58 2.16 0.00	26.22 1.88 0.00	11.22 0.81 0.00	7.47 0.50 0.00	31.94 1.69 0.00	32.29 1.83 0.00	33.38 2.03 0.00	35.33 2.20 0.00	35.30 2.43 0.00	32.12 2.32 0.00	32.04 2.25 0.00	30.95 2.36 0.00	31.74 2.57 0.00	33.02 2.61 -0.72	43.21 2.91 -7.09	43.61 3.05 -6.34	42.03 2.52 -8.79	42.68 2.55 -7.81	43.80 2.53 -6.36	65.25 2.61 -25.49	48.18 2.66 -6.36	45.23 2.06 -13.34	37.85 2.06 -6.42	31.13 2.11 0.00
NYPA_POUCH1____GT 24155	30.71 2.30 0.00	26.33 1.99 0.00	11.27 0.86 0.00	7.50 0.53 0.00	32.07 1.82 0.00	32.41 1.95 0.00	33.46 2.10 0.00	35.31 2.18 0.00	35.28 2.41 0.00	32.08 2.28 0.00	31.98 2.19 0.00	30.88 2.30 0.00	31.64 2.47 0.00	33.40 2.52 -1.19	47.72 2.81 -11.70	47.62 2.94 -10.46	47.61 2.39 -14.51	47.63 2.41 -12.89	47.80 2.39 -10.50	81.66 2.42 -42.08	52.13 2.47 -10.50	53.75 1.90 -22.02	41.89 1.92 -10.59	31.02 2.00 0.00
NYPA_VERNON____GT2 24162	30.53 2.12 0.00	26.19 1.84 0.00	11.21 0.80 0.00	7.46 0.49 0.00	31.91 1.65 0.00	32.24 1.79 0.00	33.35 2.00 0.00	35.30 2.17 0.00	35.29 2.41 0.00	32.11 2.31 0.00	32.03 2.24 0.00	30.95 2.36 0.00	31.72 2.55 -0.01	32.54 2.60 -0.25	38.59 2.90 -2.48	39.48 3.04 -2.21	36.30 2.51 -3.07	37.59 2.54 -2.73	39.66 2.54 -2.22	48.68 2.62 -8.90	44.06 2.68 -2.22	36.56 2.07 -4.66	33.69 2.07 -2.24	31.14 2.12 0.00
NYPA_VERNON____GT3 24163	30.53 2.12 0.00	26.19 1.84 0.00	11.21 0.80 0.00	7.46 0.49 0.00	31.91 1.65 0.00	32.24 1.79 0.00	33.35 2.00 0.00	35.30 2.17 0.00	35.29 2.41 0.00	32.11 2.31 0.00	32.03 2.24 0.00	30.95 2.36 0.00	31.72 2.55 -0.01	32.54 2.60 -0.25	38.59 2.90 -2.48	39.48 3.04 -2.21	36.30 2.51 -3.07	37.59 2.54 -2.73	39.66 2.54 -2.22	48.68 2.62 -8.90	44.06 2.68 -2.22	36.56 2.07 -4.66	33.69 2.07 -2.24	31.14 2.12 0.00
NYPA____ASTORIA_CC1 323568	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.26 0.00	31.98 2.20 0.00	30.91 2.32 0.00	31.68 2.51 0.00	32.24 2.55 0.00	36.05 2.84 0.00	37.20 2.98 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.38 2.47 0.00	39.72 2.57 0.00	41.77 2.61 0.00	31.86 2.03 0.00	31.41 2.03 0.00	31.10 2.09 0.00
NYPA____ASTORIA_CC2 323569	30.49 2.08 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.86 1.61 0.00	32.20 1.74 0.00	33.30 1.95 0.00	35.24 2.11 0.00	35.22 2.35 0.00	32.05 2.26 0.00	31.98 2.20 0.00	30.91 2.32 0.00	31.68 2.51 0.00	32.24 2.55 0.00	36.05 2.84 0.00	37.20 2.98 0.00	33.18 2.46 0.00	34.81 2.49 0.00	37.38 2.47 0.00	39.72 2.57 0.00	41.77 2.61 0.00	31.86 2.03 0.00	31.41 2.03 0.00	31.10 2.09 0.00
NYPA____HOLTSVILL 23794	35.74 2.63 -4.71	33.71 2.29 -7.08	11.78 1.05 -0.33	8.00 0.65 -0.38	32.62 2.37 0.00	33.00 2.54 0.00	34.04 2.68 -0.01	35.91 2.77 -0.01	35.67 2.79 0.00	33.16 2.58 -0.79	43.89 2.42 -11.68	34.04 2.86 -2.60	34.34 3.09 -2.09	37.08 3.13 -4.25	40.45 3.67 -3.57	41.84 3.77 -3.85	36.52 3.10 -2.70	37.32 3.02 -1.97	77.17 2.99 -39.28	158.91 3.31 -118.44	188.94 3.49 -146.29	50.62 2.59 -18.20	33.97 2.67 -1.92	32.23 2.84 -0.38
NYPA____HELLGATE_GT1 24158	30.34 1.93 0.00	26.04 1.70 0.00	11.14 0.73 0.00	7.41 0.44 0.00	31.66 1.40 0.00	32.01 1.55 0.00	33.14 1.79 0.00	35.08 1.95 0.00	35.07 2.19 0.00	31.88 2.09 0.00	31.85 2.06 0.00	30.78 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.97 2.75 0.00	37.11 2.89 0.00	33.03 2.32 0.00	34.68 2.35 0.00	37.28 2.37 0.00	39.64 2.48 0.00	41.72 2.56 0.00	31.80 1.97 0.00	31.36 1.98 0.00	31.06 2.04 0.00
NYPA____HELLGATE_GT2 24159	30.34 1.93 0.00	26.04 1.70 0.00	11.14 0.73 0.00	7.41 0.44 0.00	31.66 1.40 0.00	32.01 1.55 0.00	33.14 1.79 0.00	35.08 1.95 0.00	35.07 2.19 0.00	31.88 2.09 0.00	31.85 2.06 0.00	30.78 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.97 2.75 0.00	37.11 2.89 0.00	33.03 2.32 0.00	34.68 2.35 0.00	37.28 2.37 0.00	39.64 2.48 0.00	41.72 2.56 0.00	31.80 1.97 0.00	31.36 1.98 0.00	31.06 2.04 0.00
NYS_BARGE____HYD 23848	26.98 -1.42 0.00	23.08 -1.26 0.00	9.78 -0.63 0.00	6.56 -0.41 0.00	28.34 -1.92 0.00	28.77 -1.69 0.00	29.55 -1.80 0.00	30.63 -2.50 0.00	30.68 -2.20 0.00	27.99 -1.81 0.00	28.06 -1.72 0.00	26.82 -1.77 0.00	27.22 -1.94 0.00	27.42 -2.24 0.03	25.49 -2.10 5.63	24.07 -2.25 7.90	26.34 -2.56 1.81	26.76 -2.59 2.97	22.06 -2.90 9.94	22.89 -3.30 10.98	24.61 -3.33 11.21	17.51 -2.36 9.96	17.87 -2.13 9.38	25.91 -2.06 1.05
OAK ORCHARD____HYD 24046	27.72 -0.69 0.00	23.72 -0.61 0.00	10.10 -0.31 0.00	6.76 -0.21 0.00	29.22 -1.04 0.00	29.59 -0.86 0.00	30.45 -0.91 0.00	31.87 -1.26 0.00	31.78 -1.09 0.00	28.91 -0.88 0.00	28.93 -0.85 0.00	27.71 -0.87 0.00	28.20 -0.97 0.00	28.58 -1.11 0.00	32.03 -1.18 0.00	32.89 -1.33 0.00	29.39 -1.32 0.00	31.02 -1.31 0.00	33.35 -1.55 0.00	35.38 -1.77 0.00	37.36 -1.80 0.00	28.53 -1.30 0.00	28.06 -1.32 0.00	27.85 -1.17 0.00

OAKDALE___35_KV_LOAD 356122	28.49 0.08 0.00	24.50 0.16 0.00	10.47 0.07 0.00	7.01 0.04 0.00	30.17 -0.08 0.00	30.51 0.05 0.00	31.42 0.06 0.00	33.13 0.00 0.00	32.97 0.09 0.00	29.91 0.11 0.00	29.87 0.09 0.00	28.56 -0.03 0.00	29.15 -0.02 0.00	29.68 -0.02 0.00	33.22 0.01 0.00	34.18 -0.05 -0.01	30.52 -0.20 0.00	32.16 -0.17 0.00	34.67 -0.26 -0.02	36.93 -0.29 -0.05	38.96 -0.25 -0.06	29.65 -0.19 0.00	29.20 -0.18 0.00	28.92 -0.10 0.00
OCC_CHEM___DRP 24175	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.25 0.00	30.17 -2.96 0.00	30.23 -2.65 0.00	27.54 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.00 -2.65 0.04	24.20 -2.78 6.23	22.49 -3.02 8.71	25.67 -3.04 2.01	25.91 -3.16 3.26	20.48 -3.55 10.88	21.38 -4.03 11.75	23.00 -4.17 12.00	15.82 -3.01 11.00	16.17 -2.82 10.40	25.34 -2.53 1.16
OH_GEN_PROXY 24063	26.80 -1.56 0.06	22.99 -1.35 0.00	9.75 -0.65 0.00	5.72 -0.43 0.81	28.08 -2.06 0.12	28.63 -1.83 0.00	29.38 -1.97 0.00	30.55 -2.59 0.00	30.54 -2.34 0.00	27.84 -1.96 0.00	27.86 -1.93 0.00	26.66 -1.92 0.00	27.11 -2.05 0.00	27.29 -2.37 0.03	25.23 -2.58 5.40	23.82 -2.82 7.59	26.19 -2.79 1.74	26.60 -2.87 2.86	22.03 -3.31 9.57	22.86 -3.70 10.60	24.54 -3.79 10.83	17.55 -2.71 9.57	17.75 -2.62 9.00	25.64 -2.38 1.00
OLIN_CORP_DRP 24177	26.64 -1.77 0.00	22.78 -1.56 0.00	9.65 -0.76 0.00	6.48 -0.50 0.00	27.97 -2.28 0.00	28.39 -2.07 0.00	29.13 -2.23 0.00	30.14 -3.00 0.00	30.24 -2.63 0.00	27.57 -2.23 0.00	27.65 -2.13 0.00	26.43 -2.15 0.00	26.86 -2.31 0.00	27.00 -2.65 0.04	24.63 -2.62 5.96	23.02 -2.81 8.39	25.77 -3.02 1.92	26.06 -3.10 3.16	20.92 -3.40 10.58	21.50 -3.88 11.78	23.14 -3.99 12.03	16.37 -2.90 10.56	16.83 -2.62 9.93	25.45 -2.45 1.12
OLIN_CORP_DSASP 323712	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.24 0.00	30.19 -2.94 0.00	30.19 -2.69 0.00	27.55 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.02 -2.63 0.04	24.17 -2.81 6.23	22.44 -3.08 8.71	25.65 -3.06 2.01	25.89 -3.18 3.26	20.49 -3.53 10.88	21.47 -3.94 11.75	23.04 -4.13 12.00	15.94 -2.89 11.00	16.15 -2.83 10.40	25.34 -2.53 1.16
ONEIDA_HERK_LFGE 323681	28.81 0.40 0.00	24.66 0.31 0.00	10.51 0.11 0.00	7.02 0.06 0.00	30.56 0.31 0.00	30.73 0.27 0.00	31.71 0.36 0.00	33.50 0.37 0.00	33.08 0.21 0.00	29.90 0.10 0.00	29.80 0.01 0.00	28.49 -0.09 0.00	28.92 -0.24 0.00	29.33 -0.35 0.00	32.86 -0.35 0.00	34.19 -0.03 0.00	30.83 0.12 0.00	32.52 0.20 0.00	35.23 0.32 0.00	37.53 0.37 0.00	39.49 0.34 0.00	30.02 0.19 0.00	29.46 0.08 0.00	29.02 0.00 0.00
ONEIDA___115KV_TB4 55905	29.01 0.60 0.00	24.85 0.51 0.00	10.62 0.21 0.00	7.10 0.13 0.00	30.74 0.49 0.00	31.02 0.56 0.00	32.00 0.64 0.00	33.72 0.58 0.00	33.33 0.46 0.00	30.21 0.42 0.00	30.13 0.35 0.00	28.81 0.22 0.00	29.29 0.12 0.00	29.82 0.13 0.00	33.50 0.29 0.00	34.73 0.50 0.00	31.21 0.50 0.00	32.93 0.60 0.00	35.64 0.73 0.00	37.94 0.78 0.00	39.99 0.83 0.00	30.41 0.58 0.00	29.87 0.49 0.00	29.48 0.46 0.00
ONONDAGA_REF_OCCRA 23987	28.35 -0.06 0.00	24.31 -0.04 0.00	10.38 -0.02 0.00	6.95 -0.02 0.00	30.03 -0.22 0.00	30.30 -0.15 0.00	31.18 -0.17 0.00	32.85 -0.28 0.00	32.61 -0.27 0.00	29.57 -0.23 0.00	29.54 -0.25 0.00	28.30 -0.28 0.00	28.88 -0.29 0.00	29.41 -0.28 0.00	32.94 -0.27 0.00	33.93 -0.30 0.00	30.38 -0.34 0.00	32.02 -0.31 0.00	34.57 -0.34 0.00	36.80 -0.36 0.00	38.81 -0.35 0.00	29.54 -0.29 0.00	29.09 -0.28 0.00	28.82 -0.20 0.00
ONONDAGA___COGEN 23986	28.23 -0.18 0.00	24.21 -0.13 0.00	10.34 -0.06 0.00	6.92 -0.05 0.00	29.95 -0.30 0.00	30.21 -0.24 0.00	31.07 -0.28 0.00	32.72 -0.40 0.00	32.47 -0.41 0.00	29.44 -0.36 0.00	29.41 -0.37 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.26 -0.43 0.00	32.78 -0.43 0.00	33.75 -0.48 0.00	30.24 -0.48 0.00	31.86 -0.47 0.00	34.40 -0.50 0.00	36.62 -0.54 0.00	38.63 -0.53 0.00	29.42 -0.41 0.00	28.96 -0.42 0.00	28.72 -0.30 0.00
ONTARIO___LFGE 23819	28.19 -0.22 0.00	24.18 -0.16 0.00	10.31 -0.09 0.00	6.91 -0.06 0.00	29.82 -0.44 0.00	30.22 -0.24 0.00	31.16 -0.20 0.00	32.74 -0.39 0.00	32.57 -0.31 0.00	29.52 -0.28 0.00	29.46 -0.33 0.00	28.10 -0.48 0.00	28.61 -0.55 0.00	29.13 -0.59 -0.02	36.51 -0.68 -3.98	38.98 -0.82 -5.57	31.28 -0.73 -1.29	33.73 -0.72 -2.12	41.03 -0.95 -7.07	43.97 -1.00 -7.81	46.13 -0.98 -7.95	36.08 -0.77 -7.02	35.20 -0.79 -6.61	29.12 -0.63 -0.74
ORANGEVILLE_WT_PWR 323706	27.28 -1.13 0.00	23.40 -0.94 0.00	9.96 -0.45 0.00	6.68 -0.29 0.00	28.87 -1.38 0.00	29.36 -1.10 0.00	30.13 -1.23 0.00	31.44 -1.69 0.00	31.44 -1.43 0.00	28.56 -1.23 0.00	28.49 -1.30 0.00	26.96 -1.62 0.00	27.33 -1.84 0.00	27.50 -2.04 0.15	5.12 -2.26 25.83	-4.49 -2.42 36.29	19.99 -2.40 8.33	16.30 -2.39 13.63	-13.34 -2.63 45.61	-15.86 -2.83 50.19	-15.02 -2.92 51.26	-18.12 -2.20 45.76	-15.88 -2.15 43.10	22.10 -2.12 4.80
ORANGEVILLE___ESR 323794	27.28 -1.13 0.00	23.40 -0.94 0.00	9.96 -0.45 0.00	6.68 -0.29 0.00	28.87 -1.38 0.00	29.36 -1.10 0.00	30.13 -1.23 0.00	31.44 -1.69 0.00	31.44 -1.43 0.00	28.56 -1.23 0.00	28.49 -1.30 0.00	26.96 -1.62 0.00	27.33 -1.84 0.00	27.50 -2.04 0.15	5.12 -2.26 25.83	-4.49 -2.42 36.29	19.99 -2.40 8.33	16.30 -2.39 13.63	-13.34 -2.63 45.61	-15.86 -2.83 50.19	-15.02 -2.92 51.26	-18.12 -2.20 45.76	-15.88 -2.15 43.10	22.10 -2.12 4.80
OSWEGATCHIE___HYD 24044	27.63 -0.78 0.00	23.57 -0.77 0.00	10.03 -0.37 0.00	6.72 -0.26 0.00	29.50 -0.76 0.00	29.71 -0.75 0.00	30.64 -0.72 0.00	32.44 -0.69 0.00	31.95 -0.92 0.00	28.86 -0.94 0.00	28.80 -0.99 0.00	27.56 -1.02 0.00	27.92 -1.24 0.00	28.21 -1.48 0.00	31.53 -1.68 0.00	32.82 -1.40 0.00	29.69 -1.02 0.00	31.14 -1.19 0.00	33.81 -1.10 0.00	36.16 -0.99 0.00	38.13 -1.02 0.00	29.10 -0.74 0.00	28.36 -1.02 0.00	27.86 -1.16 0.00
OSWEGO___5 23606	27.80 -0.61 0.00	23.83 -0.51 0.00	10.18 -0.22 0.00	6.81 -0.16 0.00	29.50 -0.75 0.00	29.73 -0.73 0.00	30.56 -0.79 0.00	32.20 -0.94 0.00	31.96 -0.92 0.00	28.97 -0.82 0.00	28.95 -0.84 0.00	27.75 -0.83 0.00	28.30 -0.87 0.00	28.81 -0.88 0.00	32.25 -0.97 0.00	33.21 -1.02 0.00	29.77 -0.95 0.00	31.35 -0.97 0.00	33.85 -1.06 0.00	36.03 -1.13 0.00	37.99 -1.17 0.00	28.94 -0.89 0.00	28.51 -0.87 0.00	28.29 -0.73 0.00
OSWEGO___6 23613	27.80 -0.61 0.00	23.83 -0.51 0.00	10.18 -0.22 0.00	6.81 -0.16 0.00	29.50 -0.75 0.00	29.73 -0.73 0.00	30.56 -0.79 0.00	32.20 -0.94 0.00	31.96 -0.92 0.00	28.97 -0.82 0.00	28.95 -0.84 0.00	27.75 -0.83 0.00	28.30 -0.87 0.00	28.81 -0.88 0.00	32.25 -0.97 0.00	33.21 -1.02 0.00	29.77 -0.95 0.00	31.35 -0.97 0.00	33.85 -1.06 0.00	36.03 -1.13 0.00	37.99 -1.17 0.00	28.94 -0.89 0.00	28.51 -0.87 0.00	28.29 -0.73 0.00

OUTOKUMPU-AB___DRP 24206	27.29 -1.12 0.00	23.34 -1.00 0.00	9.88 -0.52 0.00	6.62 -0.35 0.00	28.55 -1.70 0.00	29.01 -1.44 0.00	29.78 -1.58 0.00	30.94 -2.19 0.00	31.01 -1.86 0.00	28.27 -1.53 0.00	28.33 -1.45 0.00	27.08 -1.50 0.00	27.51 -1.66 0.00	27.70 -1.96 0.04	24.67 -1.98 6.56	22.82 -2.21 9.20	26.26 -2.34 2.11	26.50 -2.38 3.45	20.66 -2.72 11.52	21.48 -3.12 12.55	23.14 -3.19 12.82	15.93 -2.30 11.60	16.30 -2.13 10.95	25.88 -1.92 1.22
OXBOW___BTM 323836	27.03 -1.38 0.00	23.13 -1.22 0.00	9.77 -0.63 0.00	6.55 -0.43 0.00	28.23 -2.02 0.00	28.68 -1.78 0.00	29.43 -1.92 0.00	30.55 -2.58 0.00	30.58 -2.30 0.00	27.90 -1.89 0.00	27.97 -1.82 0.00	26.75 -1.83 0.00	27.19 -1.98 0.00	27.37 -2.28 0.04	24.43 -2.38 6.40	22.65 -2.62 8.96	25.97 -2.69 2.06	26.20 -2.77 3.35	20.60 -3.11 11.20	21.50 -3.50 12.15	23.13 -3.62 12.41	15.99 -2.54 11.31	16.25 -2.46 10.67	25.61 -2.22 1.19
OXBOW___ 24026	27.04 -1.37 0.00	23.12 -1.22 0.00	9.77 -0.63 0.00	6.55 -0.43 0.00	28.23 -2.02 0.00	28.68 -1.78 0.00	29.43 -1.93 0.00	30.54 -2.59 0.00	30.61 -2.26 0.00	27.90 -1.90 0.00	27.97 -1.82 0.00	26.76 -1.83 0.00	27.19 -1.98 0.00	27.35 -2.31 0.04	24.43 -2.38 6.40	22.66 -2.61 8.96	25.97 -2.69 2.06	26.21 -2.76 3.35	20.57 -3.13 11.20	21.43 -3.58 12.15	23.07 -3.68 12.41	15.87 -2.66 11.31	16.23 -2.48 10.67	25.60 -2.23 1.19
OXY_CHEM_DSASP 323612	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.25 0.00	30.17 -2.96 0.00	30.23 -2.65 0.00	27.54 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.00 -2.65 0.04	24.20 -2.78 6.23	22.49 -3.02 8.71	25.67 -3.04 2.01	25.91 -3.16 3.26	20.48 -3.55 10.88	21.38 -4.03 11.75	23.00 -4.17 12.00	15.82 -3.01 11.00	16.17 -2.82 10.40	25.34 -2.53 1.16
OZONE_PARK_ESR 323760	30.66 2.25 0.00	26.30 1.96 0.00	11.26 0.85 0.00	7.50 0.52 0.00	32.07 1.82 0.00	32.40 1.95 0.00	33.54 2.18 0.00	35.53 2.40 0.00	35.47 2.60 0.00	32.27 2.47 0.00	32.16 2.38 0.00	31.08 2.50 0.00	31.85 2.69 0.00	32.45 2.76 0.00	36.30 3.09 0.00	37.44 3.22 0.00	33.38 2.67 0.00	35.04 2.72 0.00	37.65 2.75 0.00	40.04 2.88 0.00	42.13 2.97 0.00	32.15 2.31 0.00	31.64 2.27 0.00	31.32 2.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.25 0.00	30.17 -2.96 0.00	30.23 -2.65 0.00	27.54 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.00 -2.65 0.04	24.20 -2.78 6.23	22.49 -3.02 8.71	25.67 -3.04 2.01	25.91 -3.16 3.26	20.48 -3.55 10.88	21.38 -4.03 11.75	23.00 -4.17 12.00	15.82 -3.01 11.00	16.17 -2.82 10.40	25.34 -2.53 1.16
PACKARD___115KV_DUPONT_184 80571	26.80 -1.61 0.00	22.93 -1.41 0.00	9.68 -0.73 0.00	6.48 -0.49 0.00	27.96 -2.30 0.00	28.38 -2.08 0.00	29.11 -2.25 0.00	30.17 -2.96 0.00	30.23 -2.65 0.00	27.54 -2.25 0.00	27.60 -2.18 0.00	26.43 -2.15 0.00	26.88 -2.29 0.00	27.00 -2.65 0.04	24.20 -2.78 6.23	22.49 -3.02 8.71	25.67 -3.04 2.01	25.91 -3.16 3.26	20.48 -3.55 10.88	21.38 -4.03 11.75	23.00 -4.17 12.00	15.82 -3.01 11.00	16.17 -2.82 10.40	25.34 -2.53 1.16
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.40 1.99 0.00	26.08 1.74 0.00	11.16 0.75 0.00	7.42 0.45 0.00	31.74 1.49 0.00	32.07 1.61 0.00	33.21 1.86 0.00	35.14 2.01 0.00	35.12 2.24 0.00	31.91 2.11 0.00	31.85 2.06 0.00	30.77 2.19 0.00	31.55 2.38 0.00	32.11 2.42 0.00	35.96 2.75 0.00	37.11 2.89 0.00	33.04 2.32 0.00	34.70 2.37 0.00	37.29 2.38 0.00	39.67 2.52 0.00	41.74 2.58 0.00	31.83 2.00 0.00	31.36 1.98 0.00	31.05 2.03 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.10 2.69 0.00	26.65 2.31 0.00	11.41 1.00 0.00	7.57 0.61 0.00	32.48 2.23 0.00	32.91 2.45 0.00	33.86 2.51 0.00	35.82 2.69 0.00	35.89 3.01 0.00	32.57 2.77 0.00	32.51 2.72 0.00	31.40 2.82 0.00	32.12 2.95 0.00	32.67 2.98 0.00	36.62 3.41 0.00	37.76 3.53 0.00	33.61 2.90 0.00	35.29 2.96 0.00	37.90 3.00 0.00	40.33 3.18 0.00	42.44 3.29 0.00	32.39 2.55 0.00	31.94 2.56 0.00	31.64 2.62 0.00
PATROON___115KV_TB1 80586	29.04 0.63 0.00	24.92 0.58 0.00	10.68 0.27 0.00	7.13 0.16 0.00	30.72 0.47 0.00	30.99 0.53 0.00	31.75 0.60 0.21	31.01 0.57 2.69	33.21 0.34 0.00	30.02 0.22 0.00	30.05 0.26 0.00	28.86 0.28 0.00	29.51 0.34 0.00	30.13 0.44 0.00	33.66 0.45 0.00	34.65 0.43 0.00	31.12 0.40 0.00	32.83 0.51 0.00	35.54 0.63 0.00	37.90 0.74 0.00	39.91 0.75 0.00	30.37 0.53 0.00	30.02 0.65 0.00	29.69 0.68 0.00
PATTRSNVILLE___SOLAR 323815	29.38 0.97 0.00	25.20 0.86 0.00	10.78 0.38 0.00	7.20 0.23 0.00	31.13 0.88 0.00	31.38 0.92 0.00	32.38 0.99 -0.03	34.35 0.83 -0.39	33.37 0.49 0.00	30.13 0.33 0.00	29.98 0.19 0.00	28.75 0.17 0.00	29.37 0.20 0.00	29.94 0.25 0.00	33.53 0.32 0.00	34.68 0.46 0.00	31.32 0.60 0.00	33.18 0.86 0.00	35.95 1.05 0.00	38.39 1.23 0.00	40.51 1.35 0.00	30.81 0.98 0.00	30.33 0.96 0.00	29.99 0.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.66 -0.75 0.00	23.70 -0.64 0.00	10.06 -0.34 0.00	6.75 -0.22 0.00	29.07 -1.18 0.00	29.53 -0.92 0.00	30.36 -1.00 0.00	31.65 -1.48 0.00	31.73 -1.15 0.00	28.88 -0.91 0.00	28.88 -0.90 0.00	27.54 -1.05 0.00	28.01 -1.15 0.00	28.26 -1.40 0.04	25.07 -1.36 6.79	23.15 -1.56 9.51	26.76 -1.76 2.19	27.01 -1.74 3.57	20.93 -2.05 11.93	21.76 -2.38 13.03	23.50 -2.35 13.30	16.11 -1.72 12.00	16.46 -1.60 11.32	26.32 -1.44 1.26
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.36 1.94 0.00	26.04 1.70 0.00	11.15 0.74 0.00	7.43 0.46 0.00	31.85 1.60 0.00	32.16 1.71 0.00	33.25 1.89 0.00	35.19 2.06 0.00	35.05 2.17 0.00	31.82 2.03 0.00	31.75 1.96 0.00	30.64 2.05 0.00	31.38 2.22 0.00	32.01 2.32 0.00	35.82 2.61 0.00	36.95 2.73 0.00	33.00 2.29 0.00	34.68 2.36 0.00	37.32 2.41 0.00	39.71 2.55 0.00	41.79 2.63 0.00	31.83 2.00 0.00	31.33 1.96 0.00	30.99 1.97 0.00
PEEKSKILL___ 23653	30.16 1.75 0.00	25.88 1.54 0.00	11.08 0.67 0.00	7.38 0.41 0.00	31.63 1.38 0.00	31.93 1.47 0.00	32.99 1.63 0.00	34.92 1.79 0.00	34.81 1.93 0.00	31.62 1.82 0.00	31.55 1.77 0.00	30.46 1.87 0.00	31.20 2.03 0.00	31.79 2.10 0.00	35.60 2.39 0.00	36.72 2.50 0.00	32.77 2.06 0.00	34.41 2.09 0.00	37.00 2.10 0.00	39.36 2.20 0.00	41.43 2.27 0.00	31.57 1.74 0.00	31.12 1.74 0.00	30.80 1.78 0.00
PGE MADISON___WINDPWR 24146	29.55 1.14 0.00	25.71 1.37 0.00	11.06 0.65 0.00	7.36 0.39 0.00	31.71 1.46 0.00	32.18 1.72 0.00	33.07 1.71 0.00	34.61 1.49 0.00	34.35 1.48 0.00	31.17 1.37 0.00	31.08 1.30 0.00	29.83 1.25 0.00	30.24 1.08 0.00	30.55 0.86 -0.01	35.24 0.66 -1.38	37.44 1.29 -1.93	31.75 0.59 -0.44	33.86 0.80 -0.73	38.53 1.18 -2.45	41.47 1.58 -2.72	43.57 1.63 -2.78	33.40 1.14 -2.43	32.45 0.79 -2.29	29.99 0.72 -0.25

PIERCEFIELD___HYD 23852	27.40 -1.00 0.00	23.37 -0.97 0.00	9.96 -0.45 0.00	6.69 -0.28 0.00	29.44 -0.81 0.00	29.80 -0.66 0.00	30.74 -0.61 0.00	32.55 -0.59 0.00	32.15 -0.73 0.00	29.15 -0.65 0.00	29.19 -0.60 0.00	27.99 -0.60 0.00	28.45 -0.72 0.00	28.83 -0.86 0.00	32.19 -1.02 0.00	33.26 -0.97 0.00	30.03 -0.68 0.00	31.31 -1.02 0.00	33.96 -0.95 0.00	36.28 -0.87 0.00	38.36 -0.80 0.00	29.39 -0.44 0.00	28.58 -0.80 0.00	28.05 -0.97 0.00
PINELAWN_CC_1 323563	42.15 2.58 -11.16	36.36 2.25 -9.77	12.08 1.03 -0.65	8.49 0.64 -0.88	32.52 2.27 0.00	32.84 2.39 0.00	33.88 2.52 0.00	35.77 2.64 0.00	35.57 2.70 0.00	33.04 2.35 -0.89	45.76 2.17 -13.81	37.19 2.50 -6.11	36.74 2.69 -4.89	42.36 2.71 -9.95	43.63 3.16 -7.25	46.48 3.25 -9.00	39.61 2.58 -6.32	39.33 2.48 -4.53	40.42 2.42 -3.09	53.60 2.70 -13.75	61.11 2.85 -19.10	35.12 2.20 -3.09	33.65 2.35 -1.92	32.14 2.74 -0.38
PJM_GEN_HTP_PROXY 323702	30.39 1.98 0.00	26.08 1.74 0.00	11.16 0.76 0.00	7.43 0.46 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.20 2.07 0.00	35.14 2.26 0.00	31.96 2.17 0.00	31.86 2.07 0.00	30.78 2.19 0.00	31.54 2.38 0.00	32.12 2.43 0.00	35.94 2.73 0.00	37.07 2.84 0.00	33.05 2.33 0.00	34.68 2.36 0.00	37.27 2.36 0.00	39.61 2.46 0.00	41.67 2.51 0.00	31.80 1.97 0.00	31.33 1.95 0.00	31.04 2.02 0.00
PJM_GEN_KEystone 24065	28.77 0.36 0.00	24.73 0.39 0.00	10.56 0.15 0.00	7.06 0.08 0.00	30.26 0.01 0.00	30.64 0.18 0.00	31.59 0.23 0.00	33.31 0.18 0.00	33.26 0.38 0.00	30.22 0.42 0.00	30.17 0.38 0.00	28.90 0.32 0.00	29.55 0.39 0.00	30.06 0.37 0.01	32.23 0.48 1.47	32.62 0.45 2.05	30.37 0.13 0.47	31.68 0.13 0.78	32.29 -0.03 2.58	34.24 -0.09 2.82	36.22 -0.06 2.87	27.26 0.02 2.59	26.99 0.06 2.44	28.93 0.18 0.27
PJM_GEN_NEPTUNE_PROXY 323594	31.93 2.37 -1.15	32.04 2.06 -5.64	11.48 0.94 -0.13	7.62 0.58 -0.07	32.28 2.02 0.00	32.59 2.14 0.00	33.62 2.26 0.00	35.50 2.37 0.00	35.34 2.46 0.00	32.86 2.33 -0.73	42.59 2.24 -10.57	31.79 2.57 -0.63	32.44 2.78 -0.50	33.55 2.84 -1.03	37.91 3.21 -1.48	38.47 3.32 -0.93	34.06 2.69 -0.65	32.92 2.65 2.06	30.88 2.65 6.68	37.38 2.96 2.73	42.11 3.08 0.13	33.02 2.27 -0.92	33.61 2.31 -1.92	31.84 2.44 -0.38
PJM_GEN_VFT_PROXY 323633	30.26 1.85 0.00	25.96 1.62 0.00	11.12 0.71 0.00	7.40 0.43 0.00	31.65 1.40 0.00	31.98 1.52 0.00	33.08 1.72 0.00	35.03 1.90 0.00	34.98 2.11 0.00	31.83 2.04 0.00	31.72 1.93 0.00	30.65 2.07 0.00	31.43 2.27 0.00	31.89 2.32 0.12	34.66 2.63 1.18	35.85 2.76 1.14	30.88 2.26 2.09	33.16 2.28 1.44	36.10 2.28 1.08	35.28 2.37 4.24	40.54 2.44 1.06	29.52 1.91 2.22	30.20 1.89 1.07	30.96 1.94 0.00
PLATSBURG_115KV_PMLD1 355749	28.34 -0.07 0.00	24.16 -0.19 0.00	10.28 -0.13 0.00	6.88 -0.10 0.00	29.98 -0.27 0.00	30.19 -0.27 0.00	31.09 -0.27 0.00	33.19 0.07 0.00	33.16 0.29 0.00	30.19 0.40 0.00	30.19 0.41 0.00	28.91 0.33 0.00	29.45 0.29 0.00	29.96 0.26 0.00	33.39 0.18 0.00	34.34 0.12 0.00	31.05 0.33 0.00	32.55 0.23 0.00	35.22 0.32 0.00	37.57 0.41 0.00	39.37 0.22 0.00	29.91 0.08 0.00	29.29 -0.09 0.00	28.95 -0.07 0.00
PLEASANTVLY___LBMP 24000	30.00 1.59 0.00	25.74 1.40 0.00	11.02 0.61 0.00	7.35 0.37 0.00	31.51 1.26 0.00	31.79 1.32 0.00	32.83 1.47 0.00	34.72 1.59 0.00	34.56 1.68 0.00	31.36 1.57 0.00	31.30 1.52 0.00	30.19 1.61 0.00	30.92 1.75 0.00	31.51 1.82 0.00	35.26 2.05 0.00	36.36 2.14 0.00	32.49 1.77 0.00	34.14 1.81 0.00	36.74 1.83 0.00	39.09 1.94 0.00	41.15 1.99 0.00	31.36 1.53 0.00	30.91 1.53 0.00	30.60 1.58 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.25 1.84 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.41 0.43 0.00	31.73 1.48 0.00	32.02 1.57 0.00	33.10 1.75 0.00	35.04 1.91 0.00	34.93 2.05 0.00	31.72 1.93 0.00	31.65 1.87 0.00	30.56 1.98 0.00	31.30 2.14 0.00	31.91 2.21 0.00	35.70 2.49 0.00	36.82 2.60 0.00	32.87 2.15 0.00	34.51 2.19 0.00	37.12 2.21 0.00	39.49 2.33 0.00	41.55 2.39 0.00	31.68 1.85 0.00	31.20 1.83 0.00	30.89 1.87 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	30.25 1.84 0.00	25.97 1.63 0.00	11.12 0.71 0.00	7.41 0.43 0.00	31.73 1.48 0.00	32.02 1.57 0.00	33.10 1.75 0.00	35.04 1.91 0.00	34.93 2.05 0.00	31.72 1.93 0.00	31.65 1.87 0.00	30.56 1.98 0.00	31.30 2.14 0.00	31.91 2.21 0.00	35.70 2.49 0.00	36.82 2.60 0.00	32.87 2.15 0.00	34.51 2.19 0.00	37.12 2.21 0.00	39.49 2.33 0.00	41.55 2.39 0.00	31.68 1.85 0.00	31.20 1.83 0.00	30.89 1.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.20 1.79 0.00	25.91 1.57 0.00	11.09 0.69 0.00	7.39 0.42 0.00	31.73 1.48 0.00	32.02 1.56 0.00	33.08 1.72 0.00	34.99 1.86 0.00	34.79 1.92 0.00	31.55 1.76 0.00	31.48 1.69 0.00	30.35 1.77 0.00	31.09 1.92 0.00	31.73 2.04 0.00	35.50 2.29 0.00	36.59 2.37 0.00	32.73 2.01 0.00	34.41 2.08 0.00	37.07 2.17 0.00	39.48 2.32 0.00	41.56 2.40 0.00	31.66 1.83 0.00	31.16 1.79 0.00	30.81 1.79 0.00
POLETTI____ 23519	30.34 1.93 0.00	26.04 1.70 0.00	11.15 0.74 0.00	7.43 0.45 0.00	31.74 1.49 0.00	32.07 1.61 0.00	33.16 1.81 0.00	35.11 1.98 0.00	35.06 2.18 0.00	31.91 2.11 0.00	31.82 2.03 0.00	30.76 2.18 0.00	31.53 2.36 0.00	32.09 2.40 0.00	35.91 2.70 0.00	37.03 2.81 0.00	33.03 2.31 0.00	34.65 2.33 0.00	37.24 2.33 0.00	39.59 2.43 0.00	41.64 2.48 0.00	31.80 1.97 0.00	31.32 1.94 0.00	31.02 2.00 0.00
POMONA___ESR 323819	30.12 1.71 0.00	25.84 1.50 0.00	11.06 0.65 0.00	7.37 0.40 0.00	31.58 1.32 0.00	31.88 1.42 0.00	32.94 1.58 0.00	34.87 1.75 0.00	34.77 1.89 0.00	31.58 1.79 0.00	31.52 1.74 0.00	30.41 1.83 0.00	31.16 2.00 0.00	31.76 2.07 0.00	35.58 2.37 0.00	36.71 2.49 0.00	32.75 2.03 0.00	34.41 2.09 0.00	36.99 2.08 0.00	39.34 2.19 0.00	41.41 2.25 0.00	31.56 1.73 0.00	31.10 1.73 0.00	30.77 1.75 0.00
PORT_JEFF_3 23555	36.72 3.03 -5.29	34.28 2.62 -7.32	11.89 1.15 -0.34	8.04 0.68 -0.39	32.72 2.47 0.00	33.11 2.65 0.00	34.17 2.81 -0.01	36.05 2.91 -0.01	35.75 2.88 0.00	33.24 2.65 -0.79	44.01 2.50 -11.73	34.21 2.95 -2.67	34.53 3.22 -2.15	37.33 3.26 -4.38	40.68 3.82 -3.66	42.12 3.94 -3.96	36.69 3.19 -2.78	37.65 3.13 -2.19	80.78 3.10 -42.77	167.26 3.43 -126.67	195.25 3.58 -152.51	51.42 2.65 -18.93	34.03 2.73 -1.92	32.32 2.92 -0.38
PORT_JEFF_4 23616	36.72 3.03 -5.29	34.28 2.62 -7.32	11.89 1.15 -0.34	8.04 0.68 -0.39	32.72 2.47 0.00	33.11 2.65 0.00	34.17 2.81 -0.01	36.05 2.91 -0.01	35.75 2.88 0.00	33.24 2.65 -0.79	44.01 2.50 -11.73	34.21 2.95 -2.67	34.53 3.22 -2.15	37.33 3.26 -4.38	40.68 3.82 -3.66	42.12 3.94 -3.96	36.69 3.19 -2.78	37.65 3.13 -2.19	80.78 3.10 -42.77	167.26 3.43 -126.67	195.25 3.58 -152.51	51.42 2.65 -18.93	34.03 2.73 -1.92	32.32 2.92 -0.38

PORT_JEFF_IC 23713	36.70 3.01 -5.29	34.27 2.61 -7.32	11.91 1.15 -0.35	8.06 0.68 -0.41	32.75 2.50 0.00	33.14 2.68 0.00	34.20 2.84 -0.01	36.07 2.94 -0.01	35.72 2.85 0.00	33.22 2.64 -0.79	44.06 2.48 -11.80	34.33 2.94 -2.80	34.68 3.26 -2.25	37.58 3.30 -4.59	40.86 3.86 -3.79	42.35 3.98 -4.15	36.81 3.18 -2.91	38.03 3.12 -2.58	87.16 3.10 -49.16	184.88 3.43 -144.29	218.28 3.59 -175.53	54.16 2.67 -21.65	34.03 2.73 -1.92	32.35 2.96 -0.38
PPL PILGRIM_ST_GT1 24216	37.21 2.68 -6.13	34.35 2.35 -7.66	11.88 1.07 -0.41	8.14 0.67 -0.50	32.65 2.40 0.00	32.99 2.53 0.00	34.01 2.66 0.00	35.88 2.75 0.00	35.66 2.78 0.00	33.19 2.59 -0.81	44.37 2.48 -12.11	34.86 2.91 -3.37	34.99 3.11 -2.72	38.36 3.14 -5.53	41.29 3.68 -4.40	42.98 3.76 -5.00	37.23 3.00 -3.51	36.78 2.89 -1.57	43.76 2.83 -6.02	66.99 3.16 -26.67	77.54 3.33 -35.05	37.31 2.46 -5.02	33.93 2.64 -1.92	32.21 2.82 -0.38
PPL PILGRIM_ST_GT2 24217	37.21 2.68 -6.13	34.35 2.35 -7.66	11.88 1.07 -0.41	8.14 0.67 -0.50	32.65 2.40 0.00	32.99 2.53 0.00	34.01 2.66 0.00	35.88 2.75 0.00	35.66 2.78 0.00	33.19 2.59 -0.81	44.37 2.48 -12.11	34.86 2.91 -3.37	34.99 3.11 -2.72	38.36 3.14 -5.53	41.29 3.68 -4.40	42.98 3.76 -5.00	37.23 3.00 -3.51	36.78 2.89 -1.57	43.76 2.83 -6.02	66.99 3.16 -26.67	77.54 3.33 -35.05	37.31 2.46 -5.02	33.93 2.64 -1.92	32.21 2.82 -0.38
PPL_SHRM_GT3 24213	36.37 2.96 -5.00	34.08 2.54 -7.20	11.89 1.14 -0.34	8.07 0.70 -0.40	32.90 2.65 0.00	33.35 2.89 0.00	34.44 3.09 -0.01	36.35 3.21 -0.01	36.25 3.38 0.00	33.57 2.99 -0.79	44.28 2.75 -11.75	34.49 3.19 -2.72	34.72 3.37 -2.19	37.59 3.44 -4.46	41.00 4.08 -3.70	42.49 4.24 -4.03	37.01 3.47 -2.83	38.01 3.46 -2.23	80.92 3.49 -42.53	167.83 3.83 -126.84	198.99 4.04 -155.79	52.18 3.03 -19.32	34.36 3.07 -1.92	32.58 3.19 -0.38
PPL_SHRM_GT4 24214	36.37 2.96 -5.00	34.08 2.54 -7.20	11.89 1.14 -0.34	8.07 0.70 -0.40	32.90 2.65 0.00	33.35 2.89 0.00	34.44 3.09 -0.01	36.35 3.21 -0.01	36.25 3.38 0.00	33.57 2.99 -0.79	44.28 2.75 -11.75	34.49 3.19 -2.72	34.72 3.37 -2.19	37.59 3.44 -4.46	41.00 4.08 -3.70	42.49 4.24 -4.03	37.01 3.47 -2.83	38.01 3.46 -2.23	80.92 3.49 -42.53	167.83 3.83 -126.84	198.99 4.04 -155.79	52.18 3.03 -19.32	34.36 3.07 -1.92	32.58 3.19 -0.38
PROJECT___ORANGE 1 24174	28.20 -0.21 0.00	24.17 -0.17 0.00	10.33 -0.08 0.00	6.91 -0.06 0.00	29.88 -0.37 0.00	30.15 -0.31 0.00	31.01 -0.34 0.00	32.67 -0.46 0.00	32.43 -0.44 0.00	29.42 -0.37 0.00	29.41 -0.38 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.27 -0.42 0.00	32.78 -0.43 0.00	33.75 -0.47 0.00	30.22 -0.50 0.00	31.83 -0.49 0.00	34.36 -0.55 0.00	36.57 -0.58 0.00	38.56 -0.59 0.00	29.36 -0.47 0.00	28.92 -0.46 0.00	28.67 -0.35 0.00
PROJECT___ORANGE 2 24166	28.20 -0.21 0.00	24.17 -0.17 0.00	10.33 -0.08 0.00	6.91 -0.06 0.00	29.88 -0.37 0.00	30.15 -0.31 0.00	31.01 -0.34 0.00	32.67 -0.46 0.00	32.43 -0.44 0.00	29.42 -0.37 0.00	29.41 -0.38 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.27 -0.42 0.00	32.78 -0.43 0.00	33.75 -0.47 0.00	30.22 -0.50 0.00	31.83 -0.49 0.00	34.36 -0.55 0.00	36.57 -0.58 0.00	38.56 -0.59 0.00	29.36 -0.47 0.00	28.92 -0.46 0.00	28.67 -0.35 0.00
PUCKETT___SOLAR 323809	28.74 0.33 0.00	24.78 0.44 0.00	10.61 0.20 0.00	7.09 0.12 0.00	30.58 0.32 0.00	30.91 0.45 0.00	31.83 0.47 0.00	33.49 0.36 0.00	33.25 0.37 0.00	30.12 0.32 0.00	30.11 0.33 0.00	28.77 0.19 0.00	29.31 0.15 0.00	29.76 0.07 0.00	33.34 0.13 0.00	34.37 0.14 -0.01	30.64 -0.08 0.00	32.32 -0.01 0.00	34.85 -0.07 -0.02	37.20 0.00 -0.05	39.27 0.07 -0.05	29.88 0.04 0.00	29.36 -0.02 0.00	29.04 0.02 0.00
PYRITES___HYD 24023	28.08 -0.33 0.00	23.95 -0.39 0.00	10.20 -0.20 0.00	6.86 -0.11 0.00	30.21 -0.04 0.00	30.60 0.15 0.00	31.58 0.22 0.00	33.25 0.12 0.00	32.60 -0.28 0.00	29.57 -0.22 0.00	29.62 -0.17 0.00	28.41 -0.17 0.00	28.89 -0.27 0.00	29.30 -0.39 0.00	32.73 -0.48 0.00	33.75 -0.47 0.00	30.48 -0.23 0.00	31.83 -0.49 0.00	34.66 -0.25 0.00	37.14 -0.02 0.00	39.48 0.32 0.00	30.28 0.45 0.00	29.43 0.06 0.00	28.81 -0.21 0.00
QUAKERRD_115KV_BK1 80622	27.25 -1.16 0.00	23.33 -1.01 0.00	9.94 -0.47 0.00	6.65 -0.32 0.00	28.76 -1.49 0.00	29.11 -1.35 0.00	29.95 -1.41 0.00	31.40 -1.73 0.00	31.30 -1.58 0.00	28.43 -1.36 0.00	28.45 -1.34 0.00	27.25 -1.33 0.00	27.74 -1.43 0.00	28.14 -1.54 0.00	31.53 -1.68 0.00	32.38 -1.84 0.00	28.97 -1.74 0.00	30.56 -1.77 0.00	32.84 -2.05 0.01	34.83 -2.30 0.03	36.77 -2.36 0.03	28.04 -1.79 0.00	27.63 -1.75 0.00	27.43 -1.59 0.00
QUENSBRY_115KV_TB8 356137	29.64 1.23 0.00	25.52 1.18 0.00	10.92 0.51 0.00	7.30 0.33 0.00	31.52 1.27 0.00	31.98 1.52 0.00	33.37 1.84 -0.18	37.14 1.74 -2.27	34.06 1.18 0.00	30.50 0.71 0.00	30.51 0.73 0.00	29.14 0.55 0.00	29.79 0.62 0.00	30.49 0.80 0.00	34.08 0.87 0.00	35.23 1.01 0.00	31.96 1.24 0.00	34.07 1.74 0.00	36.99 2.08 0.00	39.59 2.43 0.00	41.69 2.53 0.00	31.65 1.81 0.00	30.99 1.62 0.00	30.64 1.62 0.00
RAMAPO___LBMP 323565	30.01 1.60 0.00	25.76 1.41 0.00	11.02 0.61 0.00	7.34 0.37 0.00	31.47 1.22 0.00	31.78 1.31 0.00	32.82 1.47 0.00	34.74 1.62 0.00	34.63 1.76 0.00	31.46 1.66 0.00	31.39 1.61 0.00	30.28 1.70 0.00	31.02 1.85 0.00	31.63 1.94 0.00	35.42 2.21 0.00	36.55 2.33 0.00	32.61 1.89 0.00	34.26 1.93 0.00	36.84 1.93 0.00	39.19 2.03 0.00	41.26 2.10 0.00	31.45 1.62 0.00	30.98 1.61 0.00	30.66 1.64 0.00
RANKINE____ 23646	27.43 -0.97 0.00	23.51 -0.83 0.00	9.98 -0.43 0.00	6.69 -0.28 0.00	28.86 -1.39 0.00	29.33 -1.13 0.00	30.12 -1.24 0.00	31.34 -1.79 0.00	31.43 -1.44 0.00	28.61 -1.19 0.00	28.62 -1.16 0.00	27.29 -1.29 0.00	27.74 -1.43 0.00	27.95 -1.69 0.05	23.54 -1.77 7.90	21.15 -2.01 11.06	26.07 -2.10 2.55	26.06 -2.12 4.15	18.57 -2.47 13.86	19.22 -2.83 15.11	20.87 -2.86 15.43	13.78 -2.09 13.96	14.25 -1.96 13.17	25.78 -1.77 1.47
RAVENSWOOD_GT2_1 24244	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.29 0.00	31.98 2.18 0.00	31.89 2.10 0.00	30.80 2.22 0.00	31.57 2.40 0.00	32.15 2.46 0.00	35.97 2.76 0.00	37.10 2.88 0.00	33.09 2.37 0.00	34.72 2.40 0.00	37.32 2.41 0.00	39.68 2.52 0.00	41.74 2.58 0.00	31.85 2.02 0.00	31.37 1.99 0.00	31.06 2.05 0.00
RAVENSWOOD_GT2_2 24245	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.29 0.00	31.98 2.18 0.00	31.89 2.10 0.00	30.80 2.22 0.00	31.57 2.40 0.00	32.15 2.46 0.00	35.97 2.76 0.00	37.10 2.88 0.00	33.09 2.37 0.00	34.72 2.40 0.00	37.32 2.41 0.00	39.68 2.52 0.00	41.74 2.58 0.00	31.85 2.02 0.00	31.37 1.99 0.00	31.06 2.05 0.00

RAVENSWOOD_GT2_3 24246	30.43 2.02 0.00	26.11 1.77 0.00	11.18 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.28 1.92 0.00	35.24 2.11 0.00	35.17 2.30 0.00	32.00 2.20 0.00	31.89 2.11 0.00	30.82 2.23 0.00	31.59 2.42 0.00	32.16 2.47 0.00	35.99 2.78 0.00	37.12 2.90 0.00	33.11 2.39 0.00	34.75 2.42 0.00	37.33 2.43 0.00	39.70 2.54 0.00	41.75 2.60 0.00	31.86 2.03 0.00	31.38 2.01 0.00	31.07 2.05 0.00
RAVENSWOOD_GT2_4 24247	30.43 2.02 0.00	26.11 1.77 0.00	11.18 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.28 1.92 0.00	35.24 2.11 0.00	35.17 2.30 0.00	32.00 2.20 0.00	31.89 2.11 0.00	30.82 2.23 0.00	31.59 2.42 0.00	32.16 2.47 0.00	35.99 2.78 0.00	37.12 2.90 0.00	33.11 2.39 0.00	34.75 2.42 0.00	37.33 2.43 0.00	39.70 2.54 0.00	41.75 2.60 0.00	31.86 2.03 0.00	31.38 2.01 0.00	31.07 2.05 0.00
RAVENSWOOD_GT3_1 24248	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.29 0.00	31.98 2.18 0.00	31.89 2.10 0.00	30.81 2.22 0.00	31.57 2.40 0.00	32.15 2.46 0.00	35.98 2.76 0.00	37.11 2.88 0.00	33.09 2.37 0.00	34.72 2.40 0.00	37.32 2.41 0.00	39.68 2.53 0.00	41.74 2.58 0.00	31.85 2.02 0.00	31.37 1.99 0.00	31.06 2.05 0.00
RAVENSWOOD_GT3_2 24249	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.29 0.00	31.98 2.18 0.00	31.89 2.10 0.00	30.81 2.22 0.00	31.57 2.40 0.00	32.15 2.46 0.00	35.98 2.76 0.00	37.11 2.88 0.00	33.09 2.37 0.00	34.72 2.40 0.00	37.32 2.41 0.00	39.68 2.53 0.00	41.74 2.58 0.00	31.85 2.02 0.00	31.37 1.99 0.00	31.06 2.05 0.00
RAVENSWOOD_GT3_3 24250	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.63 0.00	32.20 1.74 0.00	33.31 1.96 0.00	35.28 2.15 0.00	35.21 2.33 0.00	32.03 2.24 0.00	31.93 2.15 0.00	30.85 2.27 0.00	31.62 2.46 0.00	32.21 2.52 0.00	36.03 2.82 0.00	37.16 2.94 0.00	33.14 2.43 0.00	34.78 2.46 0.00	37.37 2.47 0.00	39.74 2.58 0.00	41.80 2.64 0.00	31.89 2.06 0.00	31.41 2.04 0.00	31.10 2.08 0.00
RAVENSWOOD_GT3_4 24251	30.46 2.05 0.00	26.14 1.80 0.00	11.19 0.78 0.00	7.45 0.48 0.00	31.88 1.63 0.00	32.20 1.74 0.00	33.31 1.96 0.00	35.28 2.15 0.00	35.21 2.33 0.00	32.03 2.24 0.00	31.93 2.15 0.00	30.85 2.27 0.00	31.62 2.46 0.00	32.21 2.52 0.00	36.03 2.82 0.00	37.16 2.94 0.00	33.14 2.43 0.00	34.78 2.46 0.00	37.37 2.47 0.00	39.74 2.58 0.00	41.80 2.64 0.00	31.89 2.06 0.00	31.41 2.04 0.00	31.10 2.08 0.00
RAVENSWOOD_GT_1 23729	30.53 2.12 0.00	26.19 1.84 0.00	11.21 0.80 0.00	7.46 0.49 0.00	31.91 1.65 0.00	32.24 1.79 0.00	33.36 2.00 0.00	35.31 2.18 0.00	35.28 2.41 0.00	32.11 2.31 0.00	32.03 2.24 0.00	30.95 2.36 0.00	31.72 2.55 0.00	32.55 2.61 -0.25	38.58 2.90 -2.48	39.47 3.04 -2.21	36.30 2.51 -3.07	37.58 2.53 -2.73	39.66 2.53 -2.22	48.69 2.63 -8.90	44.07 2.69 -2.22	36.58 2.09 -4.66	33.69 2.07 -2.24	31.14 2.12 0.00
RAVENSWOOD_GT_10 24258	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.28 0.00	31.98 2.18 0.00	31.88 2.10 0.00	30.80 2.22 0.00	31.57 2.40 0.00	32.18 2.46 -0.03	36.25 2.76 -0.29	37.36 2.88 -0.25	33.44 2.37 -0.35	35.03 2.39 -0.31	37.57 2.41 -0.26	40.71 2.52 -1.03	41.99 2.58 -0.26	32.39 2.02 -0.54	31.62 1.99 -0.26	31.06 2.04 0.00
RAVENSWOOD_GT_11 24259	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.28 0.00	31.98 2.18 0.00	31.88 2.10 0.00	30.80 2.22 0.00	31.57 2.40 0.00	32.18 2.46 -0.03	36.25 2.76 -0.29	37.36 2.88 -0.25	33.44 2.37 -0.35	35.03 2.39 -0.31	37.57 2.41 -0.26	40.71 2.52 -1.03	41.99 2.58 -0.26	32.39 2.02 -0.54	31.62 1.99 -0.26	31.06 2.04 0.00
RAVENSWOOD_GT_4 24252	30.40 1.99 0.00	26.09 1.75 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.84 1.59 0.00	32.16 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.15 2.27 0.00	31.97 2.17 0.00	31.86 2.08 0.00	30.79 2.20 0.00	31.55 2.38 0.00	32.32 2.44 -0.19	37.85 2.75 -1.88	38.77 2.86 -1.68	35.41 2.36 -2.34	36.79 2.39 -2.08	39.00 2.40 -1.69	46.44 2.51 -6.78	43.42 2.57 -1.69	35.39 2.01 -3.55	33.07 1.99 -1.71	31.06 2.04 0.00
RAVENSWOOD_GT_5 24254	30.40 1.99 0.00	26.09 1.75 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.84 1.59 0.00	32.16 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.15 2.27 0.00	31.97 2.17 0.00	31.86 2.08 0.00	30.79 2.20 0.00	31.55 2.38 0.00	32.32 2.44 -0.19	37.85 2.75 -1.88	38.77 2.86 -1.68	35.41 2.36 -2.34	36.79 2.39 -2.08	39.00 2.40 -1.69	46.44 2.51 -6.78	43.42 2.57 -1.69	35.39 2.01 -3.55	33.07 1.99 -1.71	31.06 2.04 0.00
RAVENSWOOD_GT_6 24253	30.40 1.99 0.00	26.09 1.75 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.84 1.59 0.00	32.16 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.15 2.27 0.00	31.97 2.17 0.00	31.86 2.08 0.00	30.79 2.20 0.00	31.55 2.38 0.00	32.32 2.44 -0.19	37.85 2.75 -1.88	38.77 2.86 -1.68	35.41 2.36 -2.34	36.79 2.39 -2.08	39.00 2.40 -1.69	46.44 2.51 -6.78	43.42 2.57 -1.69	35.39 2.01 -3.55	33.07 1.99 -1.71	31.06 2.04 0.00
RAVENSWOOD_GT_7 24255	30.40 1.99 0.00	26.09 1.75 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.84 1.59 0.00	32.16 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.15 2.27 0.00	31.97 2.17 0.00	31.86 2.08 0.00	30.79 2.20 0.00	31.55 2.38 0.00	32.32 2.44 -0.19	37.85 2.75 -1.88	38.77 2.86 -1.68	35.41 2.36 -2.34	36.79 2.39 -2.08	39.00 2.40 -1.69	46.44 2.51 -6.78	43.42 2.57 -1.69	35.39 2.01 -3.55	33.07 1.99 -1.71	31.06 2.04 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.28 0.00	31.98 2.18 0.00	31.88 2.10 0.00	30.80 2.22 0.00	31.57 2.40 0.00	32.18 2.46 -0.03	36.25 2.76 -0.29	37.36 2.88 -0.25	33.44 2.37 -0.35	35.03 2.39 -0.31	37.57 2.41 -0.26	40.71 2.52 -1.03	41.99 2.58 -0.26	32.39 2.02 -0.54	31.62 1.99 -0.26	31.06 2.04 0.00
RAVENSWOOD_GT_9 24257	30.42 2.01 0.00	26.10 1.76 0.00	11.17 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.28 0.00	31.98 2.18 0.00	31.88 2.10 0.00	30.80 2.22 0.00	31.57 2.40 0.00	32.18 2.46 -0.03	36.25 2.76 -0.29	37.36 2.88 -0.25	33.44 2.37 -0.35	35.03 2.39 -0.31	37.57 2.41 -0.26	40.71 2.52 -1.03	41.99 2.58 -0.26	32.39 2.02 -0.54	31.62 1.99 -0.26	31.06 2.04 0.00

RAVENSWOOD___1 23533	30.48 2.07 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.87 1.62 0.00	32.20 1.75 0.00	33.30 1.95 0.00	35.26 2.13 0.00	35.23 2.36 0.00	32.05 2.26 0.00	31.97 2.18 0.00	30.89 2.30 0.00	31.66 2.49 0.00	31.98 2.54 0.25	33.61 2.83 2.44	35.02 2.98 2.18	30.16 2.47 3.02	32.13 2.49 2.69	35.19 2.47 2.19	30.96 2.57 8.76	39.59 2.62 2.19	27.27 2.03 4.59	29.20 2.03 2.21	31.10 2.09 0.00
RAVENSWOOD___2 23534	30.48 2.07 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.87 1.62 0.00	32.20 1.75 0.00	33.30 1.95 0.00	35.26 2.13 0.00	35.23 2.36 0.00	32.05 2.26 0.00	31.97 2.18 0.00	30.89 2.30 0.00	31.66 2.49 0.00	31.98 2.54 0.25	33.61 2.83 2.44	35.02 2.98 2.18	30.16 2.47 3.02	32.13 2.49 2.69	35.19 2.47 2.19	30.96 2.57 8.76	39.59 2.62 2.19	27.27 2.03 4.59	29.20 2.03 2.21	31.10 2.09 0.00
RAVENSWOOD___3 23535	30.42 2.01 0.00	26.11 1.77 0.00	11.18 0.77 0.00	7.44 0.47 0.00	31.85 1.60 0.00	32.17 1.71 0.00	33.26 1.91 0.00	35.22 2.09 0.00	35.16 2.29 0.00	31.98 2.18 0.00	31.89 2.10 0.00	30.81 2.22 0.00	31.57 2.41 0.00	32.15 2.46 0.00	35.98 2.77 0.00	37.11 2.89 0.00	33.10 2.39 0.00	34.73 2.41 0.00	37.32 2.41 0.00	39.67 2.51 0.00	41.73 2.57 0.00	31.83 2.00 0.00	31.36 1.99 0.00	31.07 2.05 0.00
RAVENSWOOD___4 23820	30.48 2.07 0.00	26.15 1.81 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.87 1.62 0.00	32.20 1.75 0.00	33.30 1.95 0.00	35.26 2.13 0.00	35.23 2.36 0.00	32.05 2.26 0.00	31.97 2.18 0.00	30.89 2.30 0.00	31.66 2.49 0.00	31.98 2.54 0.25	33.61 2.83 2.44	35.02 2.98 2.18	30.16 2.47 3.02	32.13 2.49 2.69	35.19 2.47 2.19	30.96 2.57 8.76	39.59 2.62 2.19	27.27 2.03 4.59	29.20 2.03 2.21	31.10 2.09 0.00
RCPL_TRUST___DRP 24196	30.39 1.98 0.00	26.08 1.74 0.00	11.16 0.76 0.00	7.43 0.46 0.00	31.82 1.57 0.00	32.14 1.68 0.00	33.24 1.88 0.00	35.20 2.06 0.00	35.13 2.26 0.00	31.96 2.17 0.00	31.85 2.07 0.00	30.78 2.19 0.00	31.54 2.38 0.00	32.12 2.43 0.00	35.94 2.73 0.00	37.06 2.84 0.00	33.04 2.33 0.00	34.68 2.36 0.00	37.27 2.36 0.00	39.62 2.47 0.00	41.68 2.52 0.00	31.81 1.98 0.00	31.33 1.95 0.00	31.04 2.02 0.00
RED___ROCHESTER 323720	27.90 -0.51 0.00	23.87 -0.47 0.00	10.16 -0.25 0.00	6.80 -0.17 0.00	29.39 -0.86 0.00	29.78 -0.68 0.00	30.65 -0.71 0.00	32.09 -1.04 0.00	32.02 -0.85 0.00	29.14 -0.66 0.00	29.16 -0.62 0.00	27.95 -0.64 0.00	28.44 -0.73 0.00	28.84 -0.85 0.00	32.34 -0.87 0.00	33.19 -1.03 0.00	29.68 -1.04 0.00	31.31 -1.01 0.00	33.66 -1.24 0.01	35.69 -1.45 0.02	37.69 -1.45 0.02	28.79 -1.04 0.00	28.30 -1.08 0.00	28.07 -0.95 0.00
REGAN___SOLAR 323812	29.87 1.46 0.00	25.57 1.23 0.00	10.93 0.53 0.00	7.29 0.33 0.00	31.62 1.36 0.00	31.88 1.42 0.00	32.90 1.51 -0.03	34.53 1.04 -0.36	33.07 0.20 0.00	29.99 0.20 0.00	29.50 -0.29 0.00	28.39 -0.19 0.00	28.97 -0.19 0.00	29.29 -0.40 0.00	33.05 -0.16 0.00	34.45 0.22 0.00	31.46 0.75 0.00	33.58 1.26 0.00	36.48 1.57 0.00	39.05 1.89 0.00	41.34 2.19 0.00	31.42 1.59 0.00	30.85 1.47 0.00	30.45 1.43 0.00
RENSSELAER___COGEN 23796	28.90 0.50 0.00	24.81 0.47 0.00	10.63 0.22 0.00	7.10 0.13 0.00	30.58 0.33 0.00	30.84 0.38 0.00	31.54 0.44 0.25	30.35 0.40 3.18	33.06 0.18 0.00	29.86 0.07 0.00	29.88 0.09 0.00	28.69 0.11 0.00	29.33 0.16 0.00	29.95 0.26 0.00	33.45 0.24 0.00	34.42 0.19 0.00	30.90 0.18 0.00	32.59 0.26 0.00	35.30 0.39 0.00	37.64 0.48 0.00	39.65 0.50 0.00	30.17 0.34 0.00	29.85 0.48 0.00	29.54 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.01 1.60 0.00	25.80 1.46 0.00	11.04 0.63 0.00	7.41 0.44 0.00	31.98 1.73 0.00	32.66 2.20 0.00	34.34 2.80 -0.18	38.01 2.52 -2.36	34.48 1.60 0.00	30.70 0.91 0.00	30.90 1.11 0.00	29.34 0.76 0.00	29.96 0.79 0.00	30.70 1.01 0.00	34.23 1.02 0.00	35.42 1.19 0.00	32.48 1.76 0.00	34.99 2.66 0.00	37.92 3.02 0.00	40.68 3.52 0.00	42.78 3.62 0.00	32.52 2.69 0.00	31.64 2.27 0.00	31.34 2.32 0.00
REVERE_CPPR_DRP 24186	29.23 0.83 0.00	25.04 0.70 0.00	10.68 0.28 0.00	7.14 0.17 0.00	30.98 0.72 0.00	31.24 0.78 0.00	32.25 0.90 0.00	33.99 0.85 0.00	33.58 0.70 0.00	30.37 0.57 0.00	30.27 0.48 0.00	28.90 0.31 0.00	29.34 0.17 0.00	29.84 0.16 0.00	33.51 0.30 0.00	34.88 0.66 0.00	31.44 0.72 0.00	33.20 0.87 0.00	35.96 1.06 0.00	38.30 1.14 0.00	40.35 1.19 0.00	30.67 0.83 0.00	30.08 0.71 0.00	29.65 0.63 0.00
REYNLDPA_13_KV_LD 356490	28.24 -0.17 0.00	24.12 -0.22 0.00	10.29 -0.11 0.00	6.92 -0.05 0.00	30.34 0.09 0.00	30.55 0.09 0.00	31.46 0.11 0.00	33.34 0.20 0.00	33.13 0.26 0.00	30.05 0.26 0.00	30.09 0.31 0.00	28.89 0.30 0.00	29.41 0.24 0.00	29.88 0.19 0.00	33.37 0.16 0.00	34.39 0.16 0.00	30.98 0.26 0.00	32.46 0.13 0.00	35.09 0.18 0.00	37.35 0.19 0.00	39.39 0.23 0.00	30.06 0.23 0.00	29.46 0.09 0.00	28.98 -0.04 0.00
REYNOLDS_115KV_TB3 80639	29.07 0.66 0.00	24.96 0.62 0.00	10.69 0.29 0.00	7.14 0.17 0.00	30.76 0.51 0.00	31.03 0.57 0.00	31.66 0.62 0.32	29.62 0.60 4.11	33.21 0.34 0.00	29.99 0.19 0.00	30.03 0.25 0.00	28.83 0.25 0.00	29.46 0.29 0.00	30.10 0.41 0.00	33.59 0.38 0.00	34.54 0.32 0.00	31.06 0.34 0.00	32.77 0.44 0.00	35.51 0.61 0.00	37.90 0.74 0.00	39.91 0.75 0.00	30.37 0.54 0.00	30.03 0.65 0.00	29.74 0.72 0.00
RIVERBAY____ 323610	31.10 2.69 0.00	26.65 2.31 0.00	11.41 1.00 0.00	7.57 0.61 0.00	32.48 2.23 0.00	32.91 2.45 0.00	33.86 2.51 0.00	35.82 2.69 0.00	35.89 3.01 0.00	32.57 2.77 0.00	32.51 2.72 0.00	31.40 2.82 0.00	32.12 2.95 0.00	32.67 2.98 0.00	36.62 3.41 0.00	37.76 3.53 0.00	33.61 2.90 0.00	35.29 2.96 0.00	37.90 3.00 0.00	40.33 3.18 0.00	42.44 3.29 0.00	32.39 2.55 0.00	31.94 2.56 0.00	31.64 2.62 0.00
RIVERSDE_115KV_TB3 55908	29.00 0.59 0.00	24.90 0.56 0.00	10.67 0.26 0.00	7.12 0.15 0.00	30.68 0.43 0.00	30.95 0.50 0.00	31.63 0.55 0.27	30.17 0.52 3.47	33.15 0.28 0.00	29.96 0.16 0.00	29.98 0.20 0.00	28.79 0.20 0.00	29.43 0.27 0.00	30.06 0.37 0.00	33.56 0.35 0.00	34.53 0.31 0.00	31.02 0.31 0.00	32.72 0.39 0.00	35.45 0.54 0.00	37.82 0.66 0.00	39.83 0.67 0.00	30.30 0.47 0.00	29.97 0.59 0.00	29.65 0.64 0.00
ROARING___BROOK_WT_PWR 323790	28.29 -0.12 0.00	24.22 -0.12 0.00	10.35 -0.06 0.00	6.91 -0.06 0.00	30.09 -0.16 0.00	29.94 -0.52 0.00	30.83 -0.53 0.00	32.74 -0.39 0.00	32.73 -0.14 0.00	29.72 -0.07 0.00	29.66 -0.13 0.00	28.33 -0.26 0.00	28.82 -0.35 0.00	29.25 -0.44 0.00	32.74 -0.48 0.00	33.89 -0.33 0.00	30.50 -0.22 0.00	32.01 -0.32 0.00	34.52 -0.39 0.00	36.56 -0.60 0.00	38.47 -0.69 0.00	29.39 -0.44 0.00	28.92 -0.45 0.00	28.45 -0.56 0.00

ROCHESRG_115KV_T4 355643	27.63 -0.78 0.00	23.65 -0.69 0.00	10.07 -0.34 0.00	6.74 -0.23 0.00	29.12 -1.13 0.00	29.49 -0.97 0.00	30.34 -1.02 0.00	31.75 -1.38 0.00	31.68 -1.20 0.00	28.79 -1.00 0.00	28.81 -0.97 0.00	27.60 -0.98 0.00	28.09 -1.07 0.00	28.46 -1.24 0.00	31.89 -1.32 0.00	32.73 -1.49 0.00	29.26 -1.46 0.00	30.87 -1.46 0.00	33.15 -1.74 0.01	35.14 -1.99 0.03	37.11 -2.02 0.03	28.34 -1.49 0.00	27.93 -1.45 0.00	27.74 -1.28 0.00
ROCHESTER_9_IC 23652	27.77 -0.64 0.00	23.77 -0.57 0.00	10.12 -0.29 0.00	6.77 -0.20 0.00	29.27 -0.98 0.00	29.65 -0.81 0.00	30.50 -0.86 0.00	31.93 -1.21 0.00	31.87 -1.01 0.00	28.97 -0.83 0.00	28.99 -0.79 0.00	27.79 -0.79 0.00	28.27 -0.90 0.00	28.65 -1.04 0.00	32.12 -1.09 0.00	32.96 -1.26 0.00	29.47 -1.25 0.00	31.09 -1.23 0.00	33.40 -1.50 0.01	35.40 -1.74 0.02	37.38 -1.75 0.02	28.52 -1.31 0.00	28.10 -1.28 0.00	27.91 -1.12 0.00
ROCKVIEW_13_KV_LD 356306	30.41 2.00 0.00	26.09 1.75 0.00	11.17 0.76 0.00	7.44 0.47 0.00	31.87 1.61 0.00	32.17 1.71 0.00	33.26 1.90 0.00	35.21 2.07 0.00	35.11 2.23 0.00	31.90 2.11 0.00	31.84 2.05 0.00	30.75 2.17 0.00	31.50 2.34 0.00	32.09 2.40 0.00	35.92 2.71 0.00	37.05 2.83 0.00	33.06 2.34 0.00	34.70 2.38 0.00	37.30 2.40 0.00	39.68 2.52 0.00	41.74 2.58 0.00	31.83 2.00 0.00	31.36 1.98 0.00	31.04 2.03 0.00
ROME____115KV_TB2 80656	29.23 0.83 0.00	25.04 0.70 0.00	10.68 0.28 0.00	7.14 0.17 0.00	30.98 0.72 0.00	31.24 0.78 0.00	32.25 0.90 0.00	33.99 0.85 0.00	33.58 0.70 0.00	30.37 0.57 0.00	30.27 0.48 0.00	28.90 0.31 0.00	29.34 0.17 0.00	29.84 0.16 0.00	33.51 0.30 0.00	34.88 0.66 0.00	31.44 0.72 0.00	33.20 0.87 0.00	35.96 1.06 0.00	38.30 1.14 0.00	40.35 1.19 0.00	30.67 0.83 0.00	30.08 0.71 0.00	29.65 0.63 0.00
ROSETON___1 23587	30.00 1.60 0.00	25.75 1.41 0.00	11.02 0.62 0.00	7.35 0.38 0.00	31.52 1.26 0.00	31.81 1.34 0.00	32.84 1.49 0.00	34.75 1.62 0.00	34.61 1.73 0.00	31.41 1.62 0.00	31.34 1.56 0.00	30.23 1.65 0.00	30.96 1.79 0.00	31.56 1.87 0.00	35.33 2.12 0.00	36.43 2.21 0.00	32.54 1.82 0.00	34.19 1.86 0.00	36.78 1.88 0.00	39.14 1.98 0.00	41.20 2.04 0.00	31.39 1.56 0.00	30.94 1.56 0.00	30.62 1.60 0.00
ROSETON___2 23588	30.00 1.60 0.00	25.75 1.41 0.00	11.02 0.62 0.00	7.35 0.38 0.00	31.52 1.26 0.00	31.81 1.34 0.00	32.84 1.49 0.00	34.75 1.62 0.00	34.61 1.73 0.00	31.41 1.62 0.00	31.34 1.56 0.00	30.23 1.65 0.00	30.96 1.79 0.00	31.56 1.87 0.00	35.33 2.12 0.00	36.43 2.21 0.00	32.54 1.82 0.00	34.19 1.86 0.00	36.78 1.88 0.00	39.14 1.98 0.00	41.20 2.04 0.00	31.39 1.56 0.00	30.94 1.56 0.00	30.62 1.60 0.00
ROTRRDAM_115KV_TB3 80664	29.24 0.82 0.00	25.09 0.75 0.00	10.74 0.34 0.00	7.18 0.21 0.00	30.98 0.73 0.00	31.23 0.78 0.00	32.25 0.86 -0.03	34.35 0.81 -0.40	33.48 0.61 0.00	30.24 0.44 0.00	30.18 0.39 0.00	28.96 0.38 0.00	29.59 0.43 0.00	30.20 0.51 0.00	33.78 0.56 0.00	34.83 0.61 0.00	31.36 0.64 0.00	33.11 0.78 0.00	35.83 0.92 0.00	38.22 1.06 0.00	40.29 1.13 0.00	30.65 0.82 0.00	30.21 0.83 0.00	29.89 0.87 0.00
RUSSELL___1 23602	27.90 -0.51 0.00	23.88 -0.46 0.00	10.16 -0.25 0.00	6.80 -0.17 0.00	29.39 -0.86 0.00	29.78 -0.68 0.00	30.64 -0.71 0.00	32.09 -1.05 0.00	32.04 -0.84 0.00	29.14 -0.66 0.00	29.16 -0.62 0.00	27.95 -0.64 0.00	28.44 -0.73 0.00	28.83 -0.86 0.00	32.34 -0.87 0.00	33.18 -1.05 0.00	29.67 -1.05 0.00	31.31 -1.01 0.00	33.64 -1.26 0.01	35.65 -1.49 0.02	37.65 -1.49 0.02	28.72 -1.11 0.00	28.28 -1.10 0.00	28.06 -0.96 0.00
RUSSELL___2 23532	27.90 -0.51 0.00	23.88 -0.46 0.00	10.16 -0.25 0.00	6.80 -0.17 0.00	29.39 -0.86 0.00	29.78 -0.68 0.00	30.64 -0.71 0.00	32.09 -1.05 0.00	32.04 -0.84 0.00	29.14 -0.66 0.00	29.16 -0.62 0.00	27.95 -0.64 0.00	28.44 -0.73 0.00	28.83 -0.86 0.00	32.34 -0.87 0.00	33.18 -1.05 0.00	29.67 -1.05 0.00	31.31 -1.01 0.00	33.64 -1.26 0.01	35.65 -1.49 0.02	37.65 -1.49 0.02	28.72 -1.11 0.00	28.28 -1.10 0.00	28.06 -0.96 0.00
RUSSELL___3 23549	27.90 -0.51 0.00	23.88 -0.46 0.00	10.16 -0.25 0.00	6.80 -0.17 0.00	29.39 -0.86 0.00	29.78 -0.68 0.00	30.64 -0.71 0.00	32.09 -1.05 0.00	32.04 -0.84 0.00	29.14 -0.66 0.00	29.16 -0.62 0.00	27.95 -0.64 0.00	28.44 -0.73 0.00	28.83 -0.86 0.00	32.34 -0.87 0.00	33.18 -1.05 0.00	29.67 -1.05 0.00	31.31 -1.01 0.00	33.64 -1.26 0.01	35.65 -1.49 0.02	37.65 -1.49 0.02	28.72 -1.11 0.00	28.28 -1.10 0.00	28.06 -0.96 0.00
RUSSELL___4 23556	27.90 -0.51 0.00	23.88 -0.46 0.00	10.16 -0.25 0.00	6.80 -0.17 0.00	29.39 -0.86 0.00	29.78 -0.68 0.00	30.64 -0.71 0.00	32.09 -1.05 0.00	32.04 -0.84 0.00	29.14 -0.66 0.00	29.16 -0.62 0.00	27.95 -0.64 0.00	28.44 -0.73 0.00	28.83 -0.86 0.00	32.34 -0.87 0.00	33.18 -1.05 0.00	29.67 -1.05 0.00	31.31 -1.01 0.00	33.64 -1.26 0.01	35.65 -1.49 0.02	37.65 -1.49 0.02	28.72 -1.11 0.00	28.28 -1.10 0.00	28.06 -0.96 0.00
RUSSELL___STATION 23914	27.90 -0.51 0.00	23.88 -0.46 0.00	10.16 -0.25 0.00	6.80 -0.17 0.00	29.39 -0.86 0.00	29.78 -0.68 0.00	30.64 -0.71 0.00	32.09 -1.05 0.00	32.04 -0.84 0.00	29.14 -0.66 0.00	29.16 -0.62 0.00	27.95 -0.64 0.00	28.44 -0.73 0.00	28.83 -0.86 0.00	32.34 -0.87 0.00	33.18 -1.05 0.00	29.67 -1.05 0.00	31.31 -1.01 0.00	33.64 -1.26 0.01	35.65 -1.49 0.02	37.65 -1.49 0.02	28.72 -1.11 0.00	28.28 -1.10 0.00	28.06 -0.96 0.00
S SALMON___HYD 24043	28.06 -0.35 0.00	23.96 -0.39 0.00	10.22 -0.18 0.00	6.84 -0.13 0.00	29.70 -0.56 0.00	29.86 -0.60 0.00	30.70 -0.65 0.00	32.39 -0.75 0.00	32.01 -0.86 0.00	28.92 -0.87 0.00	28.88 -0.90 0.00	27.64 -0.94 0.00	28.10 -1.07 0.00	28.49 -1.20 0.00	31.90 -1.31 0.00	33.08 -1.14 0.00	29.73 -0.99 0.00	31.30 -1.02 0.00	33.94 -0.96 0.00	36.26 -0.90 0.00	38.22 -0.93 0.00	29.14 -0.70 0.00	28.69 -0.69 0.00	28.39 -0.63 0.00
S.PERRY___115KV_TB1 80734	28.44 0.02 0.00	24.33 -0.01 0.00	10.36 -0.04 0.00	6.95 -0.02 0.00	30.03 -0.22 0.00	30.54 0.07 0.00	31.48 0.13 0.00	32.93 -0.20 0.00	32.86 -0.02 0.00	29.68 -0.11 0.00	29.52 -0.27 0.00	28.10 -0.49 0.00	28.40 -0.77 0.00	28.99 -0.86 -0.16	59.24 -0.93 -26.95	71.00 -1.09 -37.87	38.46 -0.95 -8.70	45.83 -0.76 -14.27	81.68 -0.95 -47.72	88.92 -0.92 -52.69	92.10 -0.84 -53.78	76.84 -0.73 -47.74	73.53 -0.79 -44.95	33.22 -0.80 -5.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.17 -1.24 0.00	23.26 -1.08 0.00	9.87 -0.54 0.00	6.61 -0.36 0.00	28.54 -1.72 0.00	28.99 -1.47 0.00	29.76 -1.60 0.00	30.94 -2.19 0.00	31.00 -1.87 0.00	28.23 -1.57 0.00	28.26 -1.53 0.00	27.00 -1.59 0.00	27.45 -1.72 0.00	27.62 -2.03 0.04	23.49 -2.16 7.56	21.27 -2.40 10.55	25.85 -2.43 2.44	25.90 -2.49 3.94	18.86 -2.90 13.14	19.77 -3.29 14.10	21.42 -3.34 14.40	14.05 -2.45 13.34	14.48 -2.29 12.61	25.56 -2.06 1.41

SAWYER___23_KV_LOAD 55526	27.17 -1.24 0.00	23.26 -1.08 0.00	9.87 -0.54 0.00	6.61 -0.36 0.00	28.54 -1.72 0.00	28.99 -1.47 0.00	29.76 -1.60 0.00	30.94 -2.19 0.00	31.00 -1.87 0.00	28.23 -1.57 0.00	28.26 -1.53 0.00	27.00 -1.59 0.00	27.45 -1.72 0.00	27.62 -2.03 0.04	23.49 -2.16 7.56	21.27 -2.40 10.55	25.85 -2.43 2.44	25.90 -2.49 3.94	18.86 -2.90 13.14	19.77 -3.29 14.10	21.42 -3.34 14.40	14.05 -2.45 13.34	14.48 -2.29 12.61	25.56 -2.06 1.41
SELKIRK___I 23801	29.12 0.71 0.00	25.00 0.66 0.00	10.71 0.31 0.00	7.16 0.19 0.00	30.88 0.63 0.00	31.14 0.68 0.00	31.90 0.69 0.15	31.81 0.55 1.87	33.12 0.24 0.00	29.88 0.08 0.00	29.86 0.07 0.00	28.65 0.07 0.00	29.26 0.09 0.00	29.85 0.16 0.00	33.42 0.21 0.00	34.41 0.19 0.00	30.91 0.19 0.00	32.74 0.42 0.00	35.47 0.56 0.00	37.84 0.69 0.00	39.90 0.74 0.00	30.37 0.54 0.00	30.02 0.64 0.00	29.69 0.67 0.00
SELKIRK___II 23799	29.00 0.59 0.00	24.90 0.56 0.00	10.67 0.26 0.00	7.12 0.15 0.00	30.70 0.45 0.00	30.95 0.49 0.00	31.74 0.54 0.16	31.55 0.51 2.10	33.22 0.35 0.00	30.03 0.24 0.00	30.03 0.24 0.00	28.85 0.26 0.00	29.47 0.31 0.00	30.08 0.39 0.00	33.63 0.41 0.00	34.60 0.38 0.00	31.06 0.34 0.00	32.77 0.45 0.00	35.46 0.55 0.00	37.79 0.63 0.00	39.82 0.66 0.00	30.30 0.47 0.00	29.95 0.57 0.00	29.65 0.63 0.00
SENECA OSWGO___HYD 24041	27.86 -0.55 0.00	23.87 -0.47 0.00	10.20 -0.21 0.00	6.82 -0.15 0.00	29.53 -0.72 0.00	29.77 -0.69 0.00	30.61 -0.75 0.00	32.25 -0.88 0.00	31.99 -0.88 0.00	28.95 -0.84 0.00	28.94 -0.85 0.00	27.75 -0.83 0.00	28.29 -0.88 0.00	28.80 -0.89 0.00	32.27 -0.94 0.00	33.23 -0.99 0.00	29.81 -0.91 0.00	31.42 -0.91 0.00	33.94 -0.97 0.00	36.14 -1.02 0.00	38.11 -1.05 0.00	29.02 -0.81 0.00	28.58 -0.80 0.00	28.33 -0.69 0.00
SENECA___115KV_TB3 355854	27.48 -0.93 0.00	23.54 -0.81 0.00	9.99 -0.41 0.00	6.70 -0.27 0.00	28.90 -1.36 0.00	29.36 -1.09 0.00	30.16 -1.19 0.00	31.40 -1.74 0.00	31.47 -1.40 0.00	28.65 -1.14 0.00	28.67 -1.12 0.00	27.33 -1.26 0.00	27.78 -1.38 0.00	28.00 -1.65 0.05	23.59 -1.72 7.90	21.20 -1.95 11.06	26.13 -2.04 2.55	26.11 -2.07 4.15	18.63 -2.42 13.86	19.28 -2.77 15.11	20.94 -2.79 15.43	13.82 -2.05 13.96	14.30 -1.91 13.17	25.82 -1.73 1.47
SENECA___ENERGY 23797	27.98 -0.43 0.00	24.00 -0.34 0.00	10.24 -0.17 0.00	6.86 -0.12 0.00	29.64 -0.62 0.00	29.97 -0.49 0.00	30.90 -0.46 0.00	32.48 -0.65 0.00	32.29 -0.59 0.00	29.32 -0.48 0.00	29.31 -0.48 0.00	27.96 -0.62 0.00	28.46 -0.71 0.00	28.96 -0.74 -0.01	34.19 -0.83 -1.80	35.81 -0.94 -2.53	30.43 -0.87 -0.58	32.39 -0.90 -0.96	37.03 -1.07 -3.20	39.55 -1.14 -3.53	41.60 -1.15 -3.60	32.15 -0.86 -3.18	31.47 -0.90 -2.99	28.63 -0.72 -0.33
SHOEMAKER___GT 23640	29.83 1.43 0.00	25.59 1.25 0.00	10.95 0.55 0.00	7.30 0.33 0.00	31.37 1.11 0.00	31.65 1.20 0.00	32.67 1.32 0.00	34.55 1.42 0.00	34.39 1.52 0.00	31.21 1.41 0.00	31.13 1.35 0.00	30.00 1.42 0.00	30.69 1.53 0.00	31.29 1.60 0.00	35.05 1.84 0.00	36.15 1.92 0.00	32.33 1.61 0.00	34.00 1.67 0.00	36.61 1.70 0.00	38.95 1.79 0.00	41.02 1.86 0.00	31.23 1.40 0.00	30.77 1.40 0.00	30.42 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	29.83 1.43 0.00	25.59 1.25 0.00	10.95 0.55 0.00	7.30 0.33 0.00	31.37 1.12 0.00	31.65 1.19 0.00	32.67 1.32 0.00	34.56 1.43 0.00	34.40 1.53 0.00	31.22 1.42 0.00	31.16 1.37 0.00	30.02 1.44 0.00	30.72 1.55 0.00	31.32 1.63 0.00	35.07 1.86 0.00	36.17 1.95 0.00	32.34 1.63 0.00	34.02 1.69 0.00	36.61 1.71 0.00	38.96 1.80 0.00	41.02 1.86 0.00	31.24 1.41 0.00	30.78 1.41 0.00	30.42 1.41 0.00
SHOREHAM_IC_1 23715	36.37 2.96 -5.00	34.08 2.54 -7.20	11.89 1.14 -0.34	8.07 0.70 -0.40	32.90 2.65 0.00	33.35 2.89 0.00	34.44 3.09 -0.01	36.35 3.21 -0.01	36.25 3.38 0.00	33.57 2.99 -0.79	44.28 2.75 -11.75	34.49 3.19 -2.72	34.72 3.37 -2.19	37.59 3.44 -4.46	41.00 4.08 -3.70	42.49 4.24 -4.03	37.01 3.47 -2.83	38.01 3.46 -2.23	80.92 3.49 -42.53	167.83 3.83 -126.84	198.99 4.04 -155.79	52.18 3.03 -19.32	34.36 3.07 -1.92	32.58 3.19 -0.38
SHOREHAM_IC_2 23716	36.36 2.95 -5.00	34.08 2.54 -7.20	11.89 1.15 -0.34	8.07 0.71 -0.40	32.90 2.65 0.00	33.35 2.89 0.00	34.45 3.09 -0.01	36.35 3.21 -0.01	36.25 3.38 0.00	33.57 2.98 -0.79	44.28 2.74 -11.75	34.49 3.18 -2.72	34.72 3.36 -2.19	37.59 3.44 -4.46	41.00 4.08 -3.70	42.47 4.22 -4.03	37.01 3.46 -2.83	38.01 3.45 -2.23	80.93 3.49 -42.53	167.84 3.85 -126.84	199.00 4.05 -155.79	52.20 3.04 -19.32	34.36 3.07 -1.92	32.58 3.19 -0.38
SISSONVILLE____ 23735	27.40 -1.00 0.00	23.37 -0.97 0.00	9.96 -0.45 0.00	6.69 -0.28 0.00	29.44 -0.81 0.00	29.80 -0.66 0.00	30.74 -0.61 0.00	32.55 -0.59 0.00	32.15 -0.73 0.00	29.15 -0.65 0.00	29.19 -0.60 0.00	27.99 -0.60 0.00	28.45 -0.72 0.00	28.83 -0.86 0.00	32.19 -1.02 0.00	33.26 -0.97 0.00	30.03 -0.68 0.00	31.31 -1.02 0.00	33.96 -0.95 0.00	36.28 -0.87 0.00	38.36 -0.80 0.00	29.39 -0.44 0.00	28.58 -0.80 0.00	28.05 -0.97 0.00
SITHE_IND_GS1 24169	27.67 -0.74 0.00	23.72 -0.62 0.00	10.13 -0.27 0.00	6.78 -0.19 0.00	29.36 -0.89 0.00	29.58 -0.88 0.00	30.38 -0.97 0.00	32.00 -1.13 0.00	31.76 -1.11 0.00	28.80 -0.99 0.00	28.78 -1.01 0.00	27.59 -0.99 0.00	28.15 -1.02 0.00	28.63 -1.06 0.00	32.05 -1.16 0.00	33.02 -1.21 0.00	29.59 -1.13 0.00	31.16 -1.16 0.00	33.64 -1.26 0.00	35.81 -1.35 0.00	37.75 -1.41 0.00	28.76 -1.07 0.00	28.34 -1.03 0.00	28.15 -0.87 0.00
SITHE_IND_GS2 24170	27.67 -0.74 0.00	23.72 -0.62 0.00	10.13 -0.27 0.00	6.78 -0.19 0.00	29.36 -0.89 0.00	29.58 -0.88 0.00	30.38 -0.97 0.00	32.00 -1.13 0.00	31.76 -1.11 0.00	28.80 -0.99 0.00	28.78 -1.01 0.00	27.59 -0.99 0.00	28.15 -1.02 0.00	28.63 -1.06 0.00	32.05 -1.16 0.00	33.02 -1.21 0.00	29.59 -1.13 0.00	31.16 -1.16 0.00	33.64 -1.26 0.00	35.81 -1.35 0.00	37.75 -1.41 0.00	28.76 -1.07 0.00	28.34 -1.03 0.00	28.15 -0.87 0.00
SITHE_IND_GS3 24171	27.67 -0.74 0.00	23.72 -0.62 0.00	10.13 -0.27 0.00	6.78 -0.19 0.00	29.36 -0.89 0.00	29.58 -0.88 0.00	30.38 -0.97 0.00	32.00 -1.13 0.00	31.76 -1.11 0.00	28.80 -0.99 0.00	28.78 -1.01 0.00	27.59 -0.99 0.00	28.15 -1.02 0.00	28.63 -1.06 0.00	32.05 -1.16 0.00	33.02 -1.21 0.00	29.59 -1.13 0.00	31.16 -1.16 0.00	33.64 -1.26 0.00	35.81 -1.35 0.00	37.75 -1.41 0.00	28.76 -1.07 0.00	28.34 -1.03 0.00	28.15 -0.87 0.00
SITHE_IND_GS4 24172	27.67 -0.74 0.00	23.72 -0.62 0.00	10.13 -0.27 0.00	6.78 -0.19 0.00	29.36 -0.89 0.00	29.58 -0.88 0.00	30.38 -0.97 0.00	32.00 -1.13 0.00	31.76 -1.11 0.00	28.80 -0.99 0.00	28.78 -1.01 0.00	27.59 -0.99 0.00	28.15 -1.02 0.00	28.63 -1.06 0.00	32.05 -1.16 0.00	33.02 -1.21 0.00	29.59 -1.13 0.00	31.16 -1.16 0.00	33.64 -1.26 0.00	35.81 -1.35 0.00	37.75 -1.41 0.00	28.76 -1.07 0.00	28.34 -1.03 0.00	28.15 -0.87 0.00

SITHE___BATAVIA 24024	27.93 -0.48 0.00	23.87 -0.47 0.00	10.13 -0.28 0.00	6.79 -0.18 0.00	29.32 -0.93 0.00	29.81 -0.65 0.00	30.71 -0.65 0.00	31.97 -1.16 0.00	31.89 -0.99 0.00	29.10 -0.70 0.00	29.13 -0.65 0.00	27.83 -0.76 0.00	28.13 -1.04 0.00	28.46 -1.21 0.02	28.54 -0.94 3.73	27.82 -1.16 5.24	28.03 -1.48 1.20	29.10 -1.26 1.97	26.89 -1.42 6.59	28.19 -1.68 7.29	30.11 -1.60 7.45	22.11 -1.11 6.61	22.11 -1.05 6.23	27.31 -1.01 0.70
SITHE___INDEPEND 23800	27.67 -0.74 0.00	23.72 -0.62 0.00	10.13 -0.27 0.00	6.78 -0.19 0.00	29.36 -0.89 0.00	29.58 -0.88 0.00	30.38 -0.97 0.00	32.00 -1.13 0.00	31.76 -1.11 0.00	28.80 -0.99 0.00	28.78 -1.01 0.00	27.58 -1.00 0.00	28.15 -1.02 0.00	28.63 -1.06 0.00	32.06 -1.16 0.00	33.02 -1.21 0.00	29.59 -1.13 0.00	31.16 -1.16 0.00	33.64 -1.27 0.00	35.80 -1.36 0.00	37.74 -1.42 0.00	28.75 -1.09 0.00	28.34 -1.04 0.00	28.15 -0.87 0.00
SITHE___MASSENA 23902	28.12 -0.29 0.00	24.01 -0.33 0.00	10.25 -0.16 0.00	6.88 -0.09 0.00	30.22 -0.04 0.00	30.55 0.09 0.00	31.47 0.11 0.00	33.33 0.19 0.00	33.07 0.20 0.00	30.00 0.20 0.00	30.05 0.26 0.00	28.83 0.24 0.00	29.34 0.18 0.00	29.80 0.11 0.00	33.28 0.07 0.00	34.31 0.09 0.00	30.91 0.20 0.00	32.27 -0.05 0.00	34.91 0.00 0.00	37.18 0.03 0.00	39.25 0.09 0.00	30.06 0.23 0.00	29.35 -0.03 0.00	28.84 -0.18 0.00
SITHE___OGDNSBRG 24021	28.24 -0.17 0.00	24.09 -0.25 0.00	10.26 -0.14 0.00	6.90 -0.07 0.00	30.39 0.13 0.00	30.77 0.31 0.00	31.73 0.37 0.00	33.42 0.29 0.00	32.86 -0.01 0.00	29.80 0.01 0.00	29.86 0.07 0.00	28.66 0.08 0.00	29.14 -0.03 0.00	29.57 -0.12 0.00	33.02 -0.19 0.00	34.05 -0.17 0.00	30.72 0.00 0.00	32.08 -0.25 0.00	34.86 -0.05 0.00	37.33 0.17 0.00	39.67 0.52 0.00	30.43 0.59 0.00	29.60 0.23 0.00	29.00 -0.02 0.00
SITHE___STERLING 23777	29.01 0.60 0.00	24.85 0.51 0.00	10.62 0.21 0.00	7.10 0.13 0.00	30.74 0.49 0.00	31.02 0.56 0.00	32.00 0.64 0.00	33.72 0.58 0.00	33.33 0.46 0.00	30.21 0.42 0.00	30.13 0.35 0.00	28.80 0.22 0.00	29.29 0.12 0.00	29.82 0.13 0.00	33.50 0.29 0.00	34.72 0.49 0.00	31.21 0.50 0.00	32.93 0.60 0.00	35.64 0.73 0.00	37.95 0.79 0.00	39.99 0.83 0.00	30.41 0.58 0.00	29.86 0.49 0.00	29.48 0.46 0.00
SLEIGHT__34_KV_TB1 80719	27.76 -0.65 0.00	23.79 -0.55 0.00	10.13 -0.28 0.00	6.79 -0.18 0.00	29.35 -0.90 0.00	29.71 -0.75 0.00	30.61 -0.75 0.00	32.12 -1.01 0.00	31.98 -0.89 0.00	29.03 -0.76 0.00	29.05 -0.74 0.00	27.79 -0.79 0.00	28.30 -0.86 0.00	28.74 -0.95 0.00	32.21 -1.00 0.00	33.09 -1.13 0.00	29.61 -1.11 0.00	31.24 -1.08 0.00	33.62 -1.27 0.01	35.70 -1.43 0.02	37.71 -1.43 0.02	28.74 -1.09 0.00	28.26 -1.12 0.00	28.04 -0.98 0.00
SMITHTWN_69_KV_BK 1 55830	36.67 2.89 -5.37	34.21 2.51 -7.36	11.89 1.12 -0.36	8.08 0.68 -0.42	32.74 2.49 0.00	33.12 2.66 0.00	34.16 2.80 0.00	36.04 2.90 0.00	35.75 2.88 0.00	33.26 2.67 -0.79	44.17 2.52 -11.87	34.47 2.98 -2.90	34.76 3.27 -2.33	37.72 3.29 -4.74	40.95 3.85 -3.89	42.48 3.96 -4.29	36.96 3.23 -3.02	38.94 3.17 -3.45	106.75 3.15 -68.69	237.93 3.50 -197.27	282.86 3.68 -240.02	61.84 2.73 -29.28	34.06 2.76 -1.92	32.34 2.94 -0.38
SOUTH CAIRO___GT 23612	29.71 1.30 0.00	25.47 1.13 0.00	10.91 0.50 0.00	7.29 0.31 0.00	31.44 1.19 0.00	31.74 1.28 0.00	32.67 1.46 0.15	32.61 1.36 1.88	33.86 0.99 0.00	30.63 0.84 0.00	30.48 0.70 0.00	29.16 0.57 0.00	29.78 0.61 0.00	30.41 0.72 0.00	34.26 1.05 0.00	35.26 1.04 0.00	31.80 1.08 0.00	33.94 1.61 0.00	36.84 1.93 0.00	39.39 2.23 0.00	41.62 2.47 0.00	31.60 1.77 0.00	31.11 1.73 0.00	30.66 1.64 0.00
SOUTH HAMPTN___IC 23720	36.16 2.89 -4.86	33.92 2.43 -7.15	11.86 1.11 -0.34	8.05 0.69 -0.39	33.10 2.84 0.00	33.77 3.32 0.00	34.93 3.57 -0.01	36.85 3.71 -0.01	36.69 3.82 0.00	33.82 3.24 -0.79	44.33 2.82 -11.72	34.43 3.18 -2.67	34.61 3.30 -2.15	37.52 3.46 -4.37	41.00 4.14 -3.65	42.57 4.39 -3.95	37.20 3.71 -2.77	38.17 3.75 -2.09	79.16 3.88 -40.37	162.57 4.21 -121.20	192.99 4.41 -149.42	51.83 3.43 -18.57	34.71 3.41 -1.92	32.85 3.45 -0.38
SOUTHDOW_115KV_TB1 355954	28.00 -0.40 0.00	24.13 -0.21 0.00	10.26 -0.15 0.00	6.91 -0.06 0.00	29.82 -0.44 0.00	30.43 -0.03 0.00	31.36 0.00 0.00	32.92 -0.21 0.00	33.00 0.13 0.00	29.97 0.18 0.00	29.78 -0.01 0.00	28.27 -0.31 0.00	28.77 -0.40 0.00	28.88 -0.78 0.02	28.35 -0.65 4.22	27.22 -0.86 6.14	28.21 -1.09 1.42	28.90 -1.13 2.30	25.80 -1.43 7.67	27.16 -1.70 8.30	29.14 -1.55 8.48	21.07 -1.01 7.75	20.97 -1.08 7.32	27.24 -0.96 0.82
SOUTHOLD_69_KV_BK 2 55809	35.92 2.64 -4.86	33.64 2.15 -7.15	11.76 1.02 -0.34	7.99 0.64 -0.39	33.12 2.87 0.00	34.07 3.62 0.00	35.29 3.93 -0.01	37.25 4.11 -0.01	37.03 4.15 0.00	33.94 3.36 -0.79	44.23 2.72 -11.72	34.25 3.00 -2.67	34.35 3.04 -2.15	37.32 3.25 -4.38	40.78 3.91 -3.65	42.49 4.31 -3.96	37.26 3.77 -2.77	38.30 3.89 -2.09	79.39 4.10 -40.39	162.50 4.09 -121.26	192.79 4.16 -149.48	52.13 3.72 -18.57	34.92 3.63 -1.92	32.99 3.60 -0.38
SOUTHOLD___IC 23719	35.92 2.64 -4.86	33.64 2.15 -7.15	11.75 1.01 -0.34	7.99 0.64 -0.39	33.12 2.87 0.00	34.07 3.62 0.00	35.28 3.93 -0.01	37.25 4.11 -0.01	37.04 4.16 0.00	33.94 3.36 -0.79	44.24 2.73 -11.72	34.25 3.00 -2.67	34.36 3.05 -2.15	37.31 3.25 -4.38	40.78 3.92 -3.65	42.49 4.31 -3.96	37.27 3.78 -2.77	38.31 3.89 -2.09	79.39 4.09 -40.39	162.49 4.07 -121.26	192.79 4.15 -149.48	52.12 3.71 -18.57	34.92 3.62 -1.92	33.00 3.60 -0.38
SOUTH_FORK_WT_PWR 323839	35.52 2.25 -4.86	33.25 1.77 -7.15	11.61 0.87 -0.34	7.90 0.54 -0.39	32.96 2.70 0.00	34.15 3.69 0.00	35.39 4.03 -0.01	37.36 4.22 -0.01	37.11 4.23 0.00	33.83 3.25 -0.79	43.93 2.43 -11.72	33.91 2.65 -2.67	33.95 2.63 -2.15	36.94 2.87 -4.37	40.39 3.53 -3.65	42.20 4.02 -3.95	37.10 3.61 -2.77	38.16 3.75 -2.09	79.29 4.00 -40.38	162.60 4.22 -121.23	193.00 4.39 -149.45	52.12 3.72 -18.57	34.91 3.61 -1.92	32.93 3.53 -0.38
SPIERFLS_115KV_TB 1 80737	29.53 1.12 0.00	25.43 1.09 0.00	10.88 0.47 0.00	7.27 0.30 0.00	31.40 1.15 0.00	31.83 1.37 0.00	33.17 1.65 -0.17	36.88 1.56 -2.19	33.92 1.04 0.00	30.42 0.62 0.00	30.40 0.62 0.00	29.06 0.48 0.00	29.72 0.55 0.00	30.41 0.72 0.00	34.00 0.79 0.00	35.13 0.91 0.00	31.84 1.12 0.00	33.87 1.55 0.00	36.77 1.87 0.00	39.33 2.17 0.00	41.44 2.28 0.00	31.47 1.63 0.00	30.84 1.47 0.00	30.49 1.47 0.00
ST LAWRENCE____ 23600	28.01 -0.40 0.00	23.93 -0.41 0.00	10.21 -0.19 0.00	6.86 -0.11 0.00	30.06 -0.19 0.00	30.25 -0.20 0.00	31.15 -0.21 0.00	33.01 -0.12 0.00	32.82 -0.06 0.00	29.78 -0.02 0.00	29.82 0.03 0.00	28.61 0.03 0.00	29.14 -0.03 0.00	29.61 -0.08 0.00	33.08 -0.13 0.00	34.09 -0.13 0.00	30.68 -0.04 0.00	32.18 -0.15 0.00	34.77 -0.13 0.00	37.01 -0.15 0.00	39.02 -0.14 0.00	29.76 -0.08 0.00	29.20 -0.18 0.00	28.74 -0.28 0.00

STATE_CA_115KV_115_LB 55624	29.04 0.63 0.00	24.92 0.58 0.00	10.68 0.27 0.00	7.13 0.16 0.00	30.72 0.47 0.00	30.99 0.53 0.00	31.75 0.60 0.21	31.05 0.57 2.66	33.22 0.35 0.00	30.02 0.23 0.00	30.05 0.27 0.00	28.86 0.28 0.00	29.51 0.34 0.00	30.13 0.44 0.00	33.66 0.45 0.00	34.66 0.43 0.00	31.12 0.40 0.00	32.83 0.51 0.00	35.55 0.64 0.00	37.90 0.74 0.00	39.92 0.76 0.00	30.37 0.54 0.00	30.02 0.65 0.00	29.70 0.68 0.00
STATE_ST_34_KV_LOAD 55959	28.33 -0.08 0.00	24.36 0.02 0.00	10.38 -0.02 0.00	6.96 -0.01 0.00	30.14 -0.11 0.00	30.44 -0.02 0.00	31.33 -0.02 0.00	32.95 -0.18 0.00	32.68 -0.19 0.00	29.60 -0.19 0.00	29.59 -0.19 0.00	28.21 -0.37 0.00	28.77 -0.40 0.00	29.26 -0.43 0.00	32.79 -0.42 0.00	33.76 -0.46 0.00	30.21 -0.50 0.00	31.87 -0.46 0.00	34.42 -0.49 0.00	36.66 -0.50 0.00	38.73 -0.43 0.00	29.55 -0.28 0.00	28.99 -0.39 0.00	28.81 -0.20 0.00
STATION_5_MISC_HYD 23604	27.77 -0.64 0.00	23.77 -0.57 0.00	10.11 -0.29 0.00	6.77 -0.20 0.00	29.27 -0.98 0.00	29.65 -0.81 0.00	30.50 -0.85 0.00	31.93 -1.20 0.00	31.85 -1.03 0.00	28.97 -0.82 0.00	28.99 -0.79 0.00	27.78 -0.79 0.00	28.27 -0.90 0.00	28.66 -1.03 0.00	32.13 -1.09 0.00	32.98 -1.25 0.00	29.47 -1.24 0.00	31.09 -1.23 0.00	33.42 -1.48 0.01	35.46 -1.68 0.02	37.43 -1.71 0.02	28.60 -1.23 0.00	28.13 -1.25 0.00	27.91 -1.12 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.89 -0.52 0.00	23.88 -0.45 0.00	10.18 -0.22 0.00	6.82 -0.15 0.00	29.46 -0.79 0.00	29.83 -0.63 0.00	30.72 -0.63 0.00	32.24 -0.89 0.00	32.11 -0.76 0.00	29.15 -0.65 0.00	29.14 -0.65 0.00	27.87 -0.71 0.00	28.37 -0.80 0.00	28.83 -0.86 0.00	32.27 -0.94 0.00	33.16 -1.07 0.00	29.70 -1.02 0.00	31.32 -1.01 0.00	33.68 -1.23 0.00	35.78 -1.38 0.00	37.77 -1.39 0.00	28.77 -1.07 0.00	28.32 -1.06 0.00	28.11 -0.91 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.64 -0.77 0.00	23.65 -0.69 0.00	10.07 -0.34 0.00	6.74 -0.23 0.00	29.13 -1.12 0.00	29.50 -0.96 0.00	30.36 -0.99 0.00	31.80 -1.33 0.00	31.74 -1.14 0.00	28.85 -0.94 0.00	28.87 -0.91 0.00	27.67 -0.92 0.00	28.15 -1.01 0.00	28.55 -1.14 0.00	31.99 -1.22 0.00	32.84 -1.38 0.00	29.37 -1.35 0.00	30.99 -1.34 0.00	33.29 -1.61 0.01	35.29 -1.85 0.02	37.26 -1.88 0.02	28.42 -1.41 0.00	27.99 -1.39 0.00	27.79 -1.23 0.00
STA_56___34_KV_BUS2 355983	27.64 -0.77 0.00	23.65 -0.69 0.00	10.07 -0.34 0.00	6.74 -0.23 0.00	29.13 -1.12 0.00	29.50 -0.96 0.00	30.36 -0.99 0.00	31.80 -1.33 0.00	31.74 -1.14 0.00	28.85 -0.94 0.00	28.87 -0.91 0.00	27.67 -0.92 0.00	28.15 -1.01 0.00	28.55 -1.14 0.00	31.99 -1.22 0.00	32.84 -1.38 0.00	29.37 -1.35 0.00	30.99 -1.34 0.00	33.29 -1.61 0.01	35.29 -1.85 0.02	37.26 -1.88 0.02	28.42 -1.41 0.00	27.99 -1.39 0.00	27.79 -1.23 0.00
STA_67___115KV_BK2 355882	27.72 -0.69 0.00	23.72 -0.62 0.00	10.09 -0.31 0.00	6.76 -0.21 0.00	29.21 -1.04 0.00	29.59 -0.87 0.00	30.43 -0.92 0.00	31.85 -1.28 0.00	31.80 -1.08 0.00	28.91 -0.89 0.00	28.93 -0.86 0.00	27.71 -0.88 0.00	28.19 -0.98 0.00	28.57 -1.12 0.00	32.02 -1.19 0.00	32.87 -1.35 0.00	29.38 -1.34 0.00	31.00 -1.33 0.00	33.30 -1.60 0.01	35.30 -1.84 0.02	37.27 -1.86 0.02	28.45 -1.38 0.00	28.02 -1.35 0.00	27.84 -1.18 0.00
STA_7___115KV_9TRANS 80674	27.90 -0.51 0.00	23.88 -0.46 0.00	10.16 -0.25 0.00	6.80 -0.17 0.00	29.39 -0.86 0.00	29.78 -0.68 0.00	30.64 -0.71 0.00	32.09 -1.05 0.00	32.04 -0.84 0.00	29.14 -0.66 0.00	29.16 -0.62 0.00	27.95 -0.64 0.00	28.44 -0.73 0.00	28.83 -0.86 0.00	32.34 -0.87 0.00	33.18 -1.05 0.00	29.67 -1.05 0.00	31.31 -1.01 0.00	33.64 -1.26 0.01	35.65 -1.49 0.02	37.65 -1.49 0.02	28.72 -1.11 0.00	28.28 -1.10 0.00	28.06 -0.96 0.00
STA_82___115KV_TB1 80780	27.72 -0.69 0.00	23.72 -0.62 0.00	10.10 -0.31 0.00	6.76 -0.21 0.00	29.21 -1.04 0.00	29.59 -0.87 0.00	30.44 -0.92 0.00	31.86 -1.27 0.00	31.80 -1.08 0.00	28.91 -0.89 0.00	28.93 -0.86 0.00	27.71 -0.87 0.00	28.19 -0.98 0.00	28.57 -1.12 0.00	32.03 -1.19 0.00	32.87 -1.35 0.00	29.38 -1.33 0.00	31.00 -1.32 0.00	33.31 -1.59 0.00	35.32 -1.83 0.00	37.31 -1.85 0.00	28.46 -1.38 0.00	28.03 -1.34 0.00	27.84 -1.18 0.00
STEEL___WIND 323596	27.45 -0.96 0.00	23.52 -0.82 0.00	9.98 -0.42 0.00	6.70 -0.28 0.00	28.88 -1.37 0.00	29.34 -1.12 0.00	30.14 -1.22 0.00	31.36 -1.77 0.00	31.41 -1.46 0.00	28.62 -1.17 0.00	28.64 -1.15 0.00	27.30 -1.28 0.00	27.74 -1.43 0.00	27.97 -1.67 0.05	23.58 -1.73 7.90	21.22 -1.94 11.06	26.09 -2.08 2.55	26.07 -2.11 4.15	18.62 -2.42 13.86	19.30 -2.75 15.11	20.97 -2.76 15.43	13.89 -1.98 13.96	14.32 -1.89 13.17	25.80 -1.75 1.47
STEPHTWN_115KV_BK_2 55603	29.22 0.81 0.00	25.07 0.73 0.00	10.73 0.32 0.00	7.17 0.20 0.00	30.96 0.71 0.00	31.24 0.78 0.00	31.92 0.82 0.25	30.78 0.83 3.18	33.46 0.58 0.00	30.22 0.43 0.00	30.26 0.48 0.00	29.02 0.44 0.00	29.76 0.60 0.00	30.43 0.74 0.00	33.95 0.74 0.00	34.95 0.73 0.00	31.38 0.67 0.00	33.14 0.81 0.00	35.92 1.01 0.00	38.30 1.14 0.00	40.32 1.17 0.00	30.64 0.81 0.00	30.24 0.87 0.00	29.96 0.94 0.00
STEBEN_REC_LFGE 323667	27.84 -0.57 0.00	23.85 -0.49 0.00	10.19 -0.21 0.00	6.85 -0.13 0.00	29.59 -0.66 0.00	30.14 -0.32 0.00	30.96 -0.39 0.00	32.43 -0.70 0.00	32.39 -0.48 0.00	29.32 -0.47 0.00	29.03 -0.75 0.00	27.36 -1.23 0.00	27.75 -1.42 0.00	28.13 -1.66 -0.10	48.86 -1.92 -17.57	56.83 -2.04 -24.64	34.46 -1.93 -5.68	39.65 -2.01 -9.33	63.70 -2.36 -31.16	69.23 -2.36 -34.43	71.81 -2.45 -35.10	58.84 -2.05 -31.06	56.58 -2.03 -29.23	30.24 -2.03 -3.25
STILLWATER___SOLAR 323814	29.57 1.16 0.00	25.42 1.08 0.00	10.88 0.47 0.00	7.27 0.30 0.00	31.37 1.11 0.00	31.71 1.24 0.00	33.03 1.39 -0.28	38.08 1.34 -3.62	33.80 0.93 0.00	30.42 0.63 0.00	30.35 0.56 0.00	29.08 0.49 0.00	29.75 0.58 0.00	30.40 0.71 0.00	34.00 0.79 0.00	35.04 0.82 0.00	31.66 0.94 0.00	33.52 1.20 0.00	36.37 1.47 0.00	38.86 1.70 0.00	40.98 1.82 0.00	31.12 1.29 0.00	30.64 1.26 0.00	30.33 1.31 0.00
STONY___BROOK 24151	36.70 2.98 -5.31	34.25 2.58 -7.33	11.90 1.15 -0.35	8.07 0.69 -0.41	32.77 2.52 0.00	33.16 2.70 0.00	34.21 2.85 -0.01	36.08 2.95 -0.01	35.78 2.90 0.00	33.27 2.68 -0.79	44.14 2.53 -11.82	34.41 2.99 -2.84	34.73 3.29 -2.28	37.65 3.32 -4.64	40.92 3.89 -3.82	42.43 4.01 -4.20	36.91 3.24 -2.95	38.31 3.19 -2.80	91.85 3.16 -53.78	197.52 3.50 -156.86	233.79 3.67 -190.96	56.03 2.72 -23.48	34.07 2.77 -1.92	32.38 2.99 -0.38
STURGEON_POOL_HYD 23609	30.36 1.95 0.00	26.04 1.70 0.00	11.15 0.74 0.00	7.43 0.46 0.00	31.82 1.57 0.00	32.11 1.66 0.00	33.17 1.85 0.03	34.77 2.06 0.43	35.07 2.19 0.00	31.82 2.02 0.00	31.74 1.96 0.00	30.64 2.05 0.00	31.39 2.22 0.00	32.02 2.33 0.00	35.86 2.64 0.00	36.97 2.74 0.00	33.02 2.30 0.00	34.68 2.35 0.00	37.30 2.39 0.00	39.68 2.52 0.00	41.75 2.59 0.00	31.81 1.98 0.00	31.31 1.93 0.00	30.96 1.94 0.00

ST_LAW_115_BK7_LBMP 345037	27.95 -0.46 0.00	23.89 -0.46 0.00	10.19 -0.21 0.00	6.85 -0.12 0.00	30.05 -0.20 0.00	30.25 -0.21 0.00	31.15 -0.21 0.00	33.01 -0.12 0.00	32.80 -0.07 0.00	29.76 -0.04 0.00	29.81 0.03 0.00	28.61 0.03 0.00	29.13 -0.04 0.00	29.59 -0.10 0.00	33.05 -0.16 0.00	34.05 -0.17 0.00	30.67 -0.05 0.00	32.13 -0.20 0.00	34.73 -0.18 0.00	36.97 -0.19 0.00	38.99 -0.16 0.00	29.77 -0.07 0.00	29.18 -0.20 0.00	28.69 -0.33 0.00
ST_LAW_115_BK8_LBMP 345038	27.95 -0.46 0.00	23.89 -0.46 0.00	10.19 -0.21 0.00	6.85 -0.12 0.00	30.05 -0.20 0.00	30.25 -0.21 0.00	31.15 -0.21 0.00	33.01 -0.12 0.00	32.80 -0.07 0.00	29.76 -0.04 0.00	29.81 0.03 0.00	28.61 0.03 0.00	29.13 -0.04 0.00	29.59 -0.10 0.00	33.05 -0.16 0.00	34.05 -0.17 0.00	30.67 -0.05 0.00	32.13 -0.20 0.00	34.73 -0.18 0.00	36.97 -0.19 0.00	38.99 -0.16 0.00	29.77 -0.07 0.00	29.18 -0.20 0.00	28.69 -0.33 0.00
ST_LAW_230_BK5_LBMP 345035	28.01 -0.40 0.00	23.93 -0.41 0.00	10.21 -0.19 0.00	6.86 -0.11 0.00	30.06 -0.19 0.00	30.25 -0.20 0.00	31.15 -0.21 0.00	33.01 -0.12 0.00	32.82 -0.06 0.00	29.78 -0.02 0.00	29.82 0.03 0.00	28.61 0.03 0.00	29.14 -0.03 0.00	29.61 -0.08 0.00	33.08 -0.13 0.00	34.09 -0.13 0.00	30.68 -0.04 0.00	32.18 -0.15 0.00	34.77 -0.13 0.00	37.01 -0.15 0.00	39.02 -0.14 0.00	29.76 -0.08 0.00	29.20 -0.18 0.00	28.74 -0.28 0.00
ST_LAW_230_BK6_LBMP 345036	28.01 -0.40 0.00	23.93 -0.41 0.00	10.21 -0.19 0.00	6.86 -0.11 0.00	30.06 -0.19 0.00	30.25 -0.20 0.00	31.15 -0.21 0.00	33.01 -0.12 0.00	32.82 -0.06 0.00	29.78 -0.02 0.00	29.82 0.03 0.00	28.61 0.03 0.00	29.14 -0.03 0.00	29.61 -0.08 0.00	33.08 -0.13 0.00	34.09 -0.13 0.00	30.68 -0.04 0.00	32.18 -0.15 0.00	34.77 -0.13 0.00	37.01 -0.15 0.00	39.02 -0.14 0.00	29.76 -0.08 0.00	29.20 -0.18 0.00	28.74 -0.28 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.97 1.56 0.00	25.71 1.37 0.00	11.00 0.60 0.00	7.33 0.36 0.00	31.46 1.21 0.00	31.76 1.30 0.00	32.80 1.45 0.00	34.71 1.58 0.00	34.59 1.71 0.00	31.40 1.60 0.00	31.34 1.55 0.00	30.22 1.64 0.00	30.95 1.78 0.00	31.55 1.86 0.00	35.33 2.12 0.00	36.45 2.23 0.00	32.55 1.84 0.00	34.22 1.89 0.00	36.81 1.90 0.00	39.16 2.01 0.00	41.22 2.06 0.00	31.41 1.57 0.00	30.93 1.55 0.00	30.59 1.57 0.00
SWANROAD_115KV_TB1 355699	26.66 -1.75 0.00	22.80 -1.54 0.00	9.66 -0.75 0.00	6.48 -0.49 0.00	28.00 -2.25 0.00	28.41 -2.05 0.00	29.16 -2.20 0.00	30.16 -2.97 0.00	30.28 -2.59 0.00	27.60 -2.20 0.00	27.69 -2.10 0.00	26.46 -2.12 0.00	26.88 -2.29 0.00	27.02 -2.63 0.04	24.79 -2.56 5.87	23.22 -2.75 8.25	25.83 -3.00 1.89	26.15 -3.07 3.11	21.17 -3.34 10.39	21.83 -3.81 11.51	23.47 -3.93 11.76	16.60 -2.85 10.39	17.04 -2.55 9.78	25.52 -2.41 1.10
SYNERGY___BIOGAS 323694	27.93 -0.48 0.00	23.87 -0.47 0.00	10.13 -0.28 0.00	6.78 -0.19 0.00	29.32 -0.93 0.00	29.81 -0.65 0.00	30.70 -0.66 0.00	31.95 -1.18 0.00	31.92 -0.96 0.00	29.10 -0.70 0.00	29.14 -0.65 0.00	27.82 -0.76 0.00	28.13 -1.03 0.00	28.45 -1.23 0.02	28.46 -1.02 3.73	27.69 -1.29 5.24	27.99 -1.53 1.20	29.05 -1.30 1.97	26.83 -1.48 6.59	28.13 -1.75 7.29	30.01 -1.70 7.45	21.99 -1.24 6.61	22.00 -1.15 6.23	27.28 -1.04 0.70
SYRACUSE___ENERGY_ST1 323597	28.23 -0.18 0.00	24.21 -0.13 0.00	10.34 -0.06 0.00	6.92 -0.05 0.00	29.95 -0.30 0.00	30.21 -0.24 0.00	31.07 -0.28 0.00	32.72 -0.40 0.00	32.47 -0.41 0.00	29.44 -0.36 0.00	29.41 -0.37 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.26 -0.43 0.00	32.78 -0.43 0.00	33.75 -0.48 0.00	30.24 -0.48 0.00	31.86 -0.47 0.00	34.40 -0.50 0.00	36.62 -0.54 0.00	38.63 -0.53 0.00	29.42 -0.41 0.00	28.96 -0.42 0.00	28.72 -0.30 0.00
SYRACUSE___ENERGY_ST2 323598	28.23 -0.18 0.00	24.21 -0.13 0.00	10.34 -0.06 0.00	6.92 -0.05 0.00	29.95 -0.30 0.00	30.21 -0.24 0.00	31.07 -0.28 0.00	32.72 -0.40 0.00	32.47 -0.41 0.00	29.44 -0.36 0.00	29.41 -0.37 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.26 -0.43 0.00	32.78 -0.43 0.00	33.75 -0.48 0.00	30.24 -0.48 0.00	31.86 -0.47 0.00	34.40 -0.50 0.00	36.62 -0.54 0.00	38.63 -0.53 0.00	29.42 -0.41 0.00	28.96 -0.42 0.00	28.72 -0.30 0.00
SYRACUSE___POWER 24017	28.32 -0.09 0.00	24.28 -0.06 0.00	10.37 -0.04 0.00	6.94 -0.03 0.00	30.00 -0.25 0.00	30.27 -0.18 0.00	31.15 -0.21 0.00	32.82 -0.32 0.00	32.57 -0.30 0.00	29.54 -0.26 0.00	29.51 -0.28 0.00	28.27 -0.31 0.00	28.85 -0.31 0.00	29.38 -0.31 0.00	32.91 -0.30 0.00	33.89 -0.34 0.00	30.35 -0.37 0.00	31.98 -0.34 0.00	34.53 -0.38 0.00	36.76 -0.40 0.00	38.77 -0.39 0.00	29.51 -0.32 0.00	29.06 -0.31 0.00	28.79 -0.23 0.00
TALLMAN__138KV_BK151 55660	30.09 1.68 0.00	25.81 1.47 0.00	11.05 0.64 0.00	7.36 0.39 0.00	31.54 1.28 0.00	31.84 1.38 0.00	32.90 1.54 0.00	34.84 1.70 0.00	34.73 1.85 0.00	31.55 1.75 0.00	31.49 1.71 0.00	30.38 1.80 0.00	31.13 1.97 0.00	31.74 2.04 0.00	35.54 2.33 0.00	36.67 2.45 0.00	32.72 2.00 0.00	34.37 2.04 0.00	36.95 2.05 0.00	39.31 2.15 0.00	41.37 2.22 0.00	31.54 1.71 0.00	31.07 1.69 0.00	30.74 1.72 0.00
TEALLAVE_115KV_TB7 355573	28.18 -0.23 0.00	24.16 -0.18 0.00	10.32 -0.09 0.00	6.91 -0.07 0.00	29.85 -0.40 0.00	30.12 -0.34 0.00	30.99 -0.37 0.00	32.64 -0.49 0.00	32.40 -0.48 0.00	29.39 -0.40 0.00	29.38 -0.41 0.00	28.15 -0.43 0.00	28.71 -0.45 0.00	29.23 -0.46 0.00	32.75 -0.47 0.00	33.71 -0.51 0.00	30.20 -0.52 0.00	31.81 -0.51 0.00	34.34 -0.57 0.00	36.55 -0.61 0.00	38.54 -0.62 0.00	29.34 -0.49 0.00	28.90 -0.48 0.00	28.65 -0.37 0.00
TELGRAPH_34_KV_EAST 80808	27.32 -1.09 0.00	23.36 -0.98 0.00	9.91 -0.50 0.00	6.64 -0.33 0.00	28.69 -1.56 0.00	29.14 -1.31 0.00	29.96 -1.40 0.00	31.11 -2.02 0.00	31.17 -1.71 0.00	28.38 -1.42 0.00	28.45 -1.34 0.00	27.19 -1.39 0.00	27.58 -1.58 0.00	27.80 -1.86 0.03	26.52 -1.80 4.89	25.35 -2.00 6.88	26.94 -2.20 1.58	27.60 -2.14 2.58	23.85 -2.41 8.65	24.83 -2.77 9.55	26.60 -2.80 9.75	19.13 -2.04 8.67	19.35 -1.87 8.16	26.39 -1.72 0.91
TEMPLE___115KV_TB 2 55572	28.20 -0.21 0.00	24.17 -0.17 0.00	10.33 -0.08 0.00	6.91 -0.06 0.00	29.88 -0.37 0.00	30.15 -0.31 0.00	31.01 -0.34 0.00	32.67 -0.46 0.00	32.43 -0.44 0.00	29.42 -0.37 0.00	29.41 -0.38 0.00	28.18 -0.41 0.00	28.75 -0.41 0.00	29.27 -0.42 0.00	32.78 -0.43 0.00	33.75 -0.47 0.00	30.22 -0.50 0.00	31.83 -0.49 0.00	34.36 -0.55 0.00	36.57 -0.58 0.00	38.56 -0.59 0.00	29.36 -0.47 0.00	28.92 -0.46 0.00	28.67 -0.35 0.00
TIANA____69_KV_BK 1 55817	36.22 2.95 -4.86	33.99 2.50 -7.15	11.88 1.14 -0.34	8.07 0.71 -0.39	33.07 2.82 0.00	33.67 3.21 0.00	34.80 3.44 -0.01	36.72 3.58 -0.01	36.57 3.70 0.00	33.77 3.19 -0.79	44.34 2.83 -11.72	34.47 3.22 -2.67	34.68 3.36 -2.15	37.57 3.50 -4.38	41.04 4.18 -3.65	42.57 4.39 -3.96	37.16 3.67 -2.77	38.12 3.70 -2.09	79.10 3.81 -40.39	162.56 4.15 -121.25	192.99 4.35 -149.48	51.76 3.35 -18.57	34.63 3.33 -1.92	32.80 3.40 -0.38

TILDEN___115KV_TB1 80814	28.32 -0.09 0.00	24.28 -0.06 0.00	10.37 -0.04 0.00	6.94 -0.03 0.00	30.00 -0.25 0.00	30.27 -0.18 0.00	31.15 -0.21 0.00	32.82 -0.32 0.00	32.57 -0.30 0.00	29.54 -0.26 0.00	29.51 -0.28 0.00	28.27 -0.31 0.00	28.85 -0.31 0.00	29.38 -0.31 0.00	32.91 -0.30 0.00	33.89 -0.34 0.00	30.35 -0.37 0.00	31.98 -0.34 0.00	34.53 -0.38 0.00	36.76 -0.40 0.00	38.77 -0.39 0.00	29.51 -0.32 0.00	29.06 -0.31 0.00	28.79 -0.23 0.00
TRIGEN___CC 323695	71.59 2.36 -40.81	48.77 2.06 -22.37	13.38 0.93 -2.05	10.67 0.58 -3.12	32.28 2.03 0.00	32.59 2.13 0.00	33.63 2.27 0.00	35.53 2.40 0.00	35.39 2.52 0.00	33.61 2.39 -1.42	56.22 2.30 -24.14	53.37 2.59 -22.20	49.50 2.79 -17.54	68.24 2.86 -35.69	60.32 3.21 -23.90	69.84 3.34 -32.27	56.11 2.74 -22.65	58.09 2.72 -23.05	56.91 2.74 -19.26	68.91 3.04 -28.71	77.61 3.17 -35.28	36.98 2.34 -4.80	33.65 2.35 -1.92	31.85 2.45 -0.38
TRINITY___115KV__4 BK 55933	28.94 0.53 0.00	24.84 0.49 0.00	10.64 0.24 0.00	7.10 0.13 0.00	30.62 0.37 0.00	30.88 0.42 0.00	31.59 0.48 0.24	30.48 0.44 3.10	33.09 0.21 0.00	29.89 0.10 0.00	29.92 0.13 0.00	28.73 0.14 0.00	29.37 0.20 0.00	30.00 0.30 0.00	33.49 0.28 0.00	34.46 0.24 0.00	30.94 0.22 0.00	32.65 0.32 0.00	35.35 0.45 0.00	37.72 0.56 0.00	39.72 0.56 0.00	30.22 0.39 0.00	29.90 0.52 0.00	29.59 0.57 0.00
UNION___PROCESSING_DRP 323587	27.73 -0.68 0.00	23.72 -0.62 0.00	10.10 -0.31 0.00	6.76 -0.21 0.00	29.22 -1.04 0.00	29.59 -0.86 0.00	30.45 -0.91 0.00	31.86 -1.27 0.00	31.80 -1.08 0.00	28.91 -0.88 0.00	28.93 -0.85 0.00	27.72 -0.87 0.00	28.20 -0.97 0.00	28.58 -1.12 0.00	32.03 -1.18 0.00	32.87 -1.35 0.00	29.39 -1.33 0.00	31.02 -1.31 0.00	33.32 -1.58 0.00	35.34 -1.82 0.00	37.32 -1.84 0.00	28.46 -1.38 0.00	28.04 -1.34 0.00	27.85 -1.17 0.00
UPPER HUDSON___HYD 24058	29.53 1.12 0.00	25.43 1.09 0.00	10.88 0.47 0.00	7.27 0.30 0.00	31.40 1.15 0.00	31.83 1.37 0.00	33.17 1.64 -0.17	36.88 1.56 -2.19	33.92 1.05 0.00	30.42 0.62 0.00	30.40 0.62 0.00	29.07 0.48 0.00	29.72 0.55 0.00	30.40 0.72 0.00	34.01 0.80 0.00	35.13 0.91 0.00	31.84 1.12 0.00	33.87 1.55 0.00	36.77 1.86 0.00	39.33 2.17 0.00	41.44 2.28 0.00	31.46 1.63 0.00	30.84 1.47 0.00	30.49 1.47 0.00
UPPER RAQUET___HYD 24056	27.40 -1.00 0.00	23.37 -0.97 0.00	9.96 -0.44 0.00	6.69 -0.28 0.00	29.44 -0.81 0.00	29.80 -0.66 0.00	30.74 -0.61 0.00	32.54 -0.59 0.00	32.15 -0.72 0.00	29.15 -0.65 0.00	29.19 -0.60 0.00	27.99 -0.60 0.00	28.45 -0.72 0.00	28.83 -0.86 0.00	32.19 -1.02 0.00	33.26 -0.96 0.00	30.03 -0.68 0.00	31.31 -1.02 0.00	33.96 -0.95 0.00	36.27 -0.88 0.00	38.36 -0.80 0.00	29.39 -0.44 0.00	28.58 -0.80 0.00	28.05 -0.97 0.00
VALLEY44_115KV_TB2 355964	27.99 -0.42 0.00	24.10 -0.24 0.00	10.27 -0.14 0.00	6.89 -0.08 0.00	29.61 -0.64 0.00	30.11 -0.34 0.00	30.98 -0.37 0.00	32.48 -0.65 0.00	32.52 -0.35 0.00	29.55 -0.25 0.00	29.45 -0.33 0.00	27.91 -0.68 0.00	28.40 -0.76 0.00	28.78 -0.88 0.02	29.12 -0.80 3.29	28.58 -0.99 4.65	28.29 -1.35 1.07	29.30 -1.29 1.74	27.51 -1.58 5.81	29.08 -1.80 6.27	31.05 -1.70 6.41	22.76 -1.20 5.87	22.70 -1.13 5.55	27.46 -0.94 0.62
VALLEY___115KV_TB 1-4 80826	28.70 0.30 0.00	24.66 0.32 0.00	10.57 0.16 0.00	7.04 0.07 0.00	30.22 -0.03 0.00	30.46 0.00 0.00	31.41 0.05 0.00	33.06 -0.07 0.00	32.53 -0.35 0.00	29.36 -0.44 0.00	29.23 -0.55 0.00	28.02 -0.56 0.00	28.62 -0.55 0.00	29.14 -0.55 0.00	32.62 -0.59 0.00	33.81 -0.41 0.00	30.55 -0.16 0.00	32.46 0.13 0.00	35.17 0.27 0.00	37.47 0.31 0.00	39.45 0.29 0.00	29.95 0.12 0.00	29.54 0.17 0.00	29.23 0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.51 1.10 0.00	25.32 0.98 0.00	10.84 0.44 0.00	7.24 0.27 0.00	31.27 1.02 0.00	31.54 1.09 0.00	32.53 1.17 0.00	34.30 1.17 0.00	34.08 1.20 0.00	30.92 1.12 0.00	30.85 1.07 0.00	29.61 1.03 0.00	30.25 1.08 0.00	30.79 1.10 0.00	34.50 1.29 0.00	35.59 1.37 0.00	31.86 1.15 0.00	33.57 1.24 0.00	36.22 1.30 -0.01	38.54 1.36 -0.03	40.62 1.43 -0.02	30.89 1.06 0.00	30.38 1.00 0.00	30.02 1.01 0.00
VISCHER___FERRY HYD 24020	29.27 0.87 0.00	25.15 0.81 0.00	10.77 0.36 0.00	7.19 0.22 0.00	31.02 0.77 0.00	31.33 0.88 0.00	32.86 0.96 -0.54	40.95 0.93 -6.89	33.46 0.59 0.00	30.12 0.33 0.00	30.12 0.34 0.00	28.87 0.28 0.00	29.49 0.32 0.00	30.15 0.46 0.00	33.68 0.47 0.00	34.62 0.40 0.00	31.22 0.51 0.00	32.99 0.66 0.00	35.81 0.91 0.00	38.26 1.10 0.00	40.31 1.15 0.00	30.64 0.81 0.00	30.24 0.86 0.00	29.96 0.95 0.00
V_A_10_SYNC_DSASP 323832	27.18 -1.23 0.00	23.28 -1.06 0.00	9.89 -0.52 0.00	6.63 -0.34 0.00	28.60 -1.66 0.00	29.01 -1.45 0.00	29.81 -1.55 0.00	31.07 -2.07 0.00	31.03 -1.85 0.00	28.26 -1.54 0.00	28.27 -1.52 0.00	27.05 -1.53 0.00	27.52 -1.65 0.00	27.77 -1.90 0.02	27.12 -2.08 4.02	26.27 -2.30 5.65	27.15 -2.27 1.29	27.86 -2.34 2.13	25.08 -2.70 7.12	26.22 -3.04 7.90	27.97 -3.11 8.08	20.49 -2.22 7.12	20.51 -2.16 6.70	26.33 -1.95 0.74
V_CMM_10_SYNC_DSASP 323787	28.09 -0.32 0.00	24.00 -0.34 0.00	10.24 -0.17 0.00	6.88 -0.09 0.00	30.19 -0.07 0.00	30.39 -0.06 0.00	31.30 -0.05 0.00	33.17 0.04 0.00	32.97 0.09 0.00	29.90 0.11 0.00	29.95 0.17 0.00	28.75 0.16 0.00	29.26 0.10 0.00	29.73 0.04 0.00	33.21 0.00 0.00	34.22 -0.01 0.00	30.82 0.10 0.00	32.29 -0.03 0.00	34.91 0.00 0.00	37.16 0.00 0.00	39.19 0.03 0.00	29.91 0.08 0.00	29.32 -0.06 0.00	28.84 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	28.34 -0.07 0.00	24.16 -0.19 0.00	10.28 -0.13 0.00	6.88 -0.10 0.00	29.98 -0.27 0.00	30.19 -0.27 0.00	31.09 -0.27 0.00	33.19 0.07 0.00	33.16 0.29 0.00	30.19 0.40 0.00	30.19 0.41 0.00	28.91 0.33 0.00	29.46 0.29 0.00	29.96 0.26 0.00	33.39 0.18 0.00	34.34 0.12 0.00	31.05 0.33 0.00	32.55 0.23 0.00	35.22 0.32 0.00	37.57 0.41 0.00	39.37 0.21 0.00	29.91 0.08 0.00	29.29 -0.09 0.00	28.95 -0.07 0.00
V_D_10_SYNC_DSASP 323841	28.12 -0.29 0.00	24.02 -0.32 0.00	10.25 -0.16 0.00	6.89 -0.08 0.00	30.22 -0.03 0.00	30.55 0.09 0.00	31.47 0.11 0.00	33.33 0.19 0.00	33.07 0.20 0.00	30.00 0.20 0.00	30.05 0.26 0.00	28.83 0.24 0.00	29.34 0.18 0.00	29.80 0.11 0.00	33.29 0.07 0.00	34.31 0.09 0.00	30.91 0.20 0.00	32.28 -0.05 0.00	34.91 0.01 0.00	37.19 0.03 0.00	39.25 0.10 0.00	30.06 0.22 0.00	29.35 -0.03 0.00	28.86 -0.16 0.00
V_E_10_SYNC_DSASP 323830	29.55 1.14 0.00	25.71 1.37 0.00	11.06 0.65 0.00	7.36 0.39 0.00	31.71 1.46 0.00	32.18 1.72 0.00	33.07 1.71 0.00	34.61 1.49 0.00	34.35 1.48 0.00	31.17 1.37 0.00	31.08 1.30 0.00	29.83 1.25 0.00	30.24 1.08 0.00	30.55 0.86 -0.01	35.24 0.66 -1.38	37.44 1.29 -1.93	31.75 0.59 -0.44	33.86 0.80 -0.73	38.53 1.18 -2.45	41.47 1.58 -2.72	43.57 1.63 -2.78	33.40 1.14 -2.43	32.45 0.79 -2.29	29.99 0.72 -0.25

V_F_30_NSYNC___DSASP 323816	29.62 1.21 0.00	25.47 1.12 0.00	10.89 0.49 0.00	7.28 0.31 0.00	31.42 1.17 0.00	31.75 1.29 0.00	33.05 1.45 -0.24	37.62 1.39 -3.09	33.89 1.01 0.00	30.51 0.71 0.00	30.43 0.65 0.00	29.16 0.58 0.00	29.83 0.67 0.00	30.49 0.80 0.00	34.10 0.89 0.00	35.15 0.93 0.00	31.75 1.03 0.00	33.61 1.28 0.00	36.44 1.54 0.00	38.95 1.79 0.00	41.06 1.90 0.00	31.18 1.35 0.00	30.69 1.31 0.00	30.37 1.35 0.00
V_F_30_SYNC_DSASP 323786	29.04 0.63 0.00	24.92 0.58 0.00	10.68 0.27 0.00	7.13 0.16 0.00	30.72 0.47 0.00	30.99 0.53 0.00	31.75 0.60 0.21	31.01 0.57 2.69	33.21 0.34 0.00	30.02 0.22 0.00	30.05 0.26 0.00	28.86 0.28 0.00	29.51 0.34 0.00	30.13 0.44 0.00	33.66 0.45 0.00	34.65 0.43 0.00	31.12 0.40 0.00	32.83 0.51 0.00	35.54 0.63 0.00	37.90 0.74 0.00	39.91 0.75 0.00	30.37 0.53 0.00	30.02 0.65 0.00	29.69 0.68 0.00
V_XM_10_SYNC_DSASP 323789	28.34 -0.07 0.00	24.16 -0.19 0.00	10.28 -0.13 0.00	6.88 -0.10 0.00	29.98 -0.27 0.00	30.19 -0.27 0.00	31.09 -0.27 0.00	33.19 0.07 0.00	33.16 0.29 0.00	30.19 0.40 0.00	30.19 0.41 0.00	28.91 0.33 0.00	29.46 0.29 0.00	29.96 0.26 0.00	33.39 0.18 0.00	34.34 0.12 0.00	31.05 0.33 0.00	32.55 0.23 0.00	35.22 0.32 0.00	37.57 0.41 0.00	39.37 0.21 0.00	29.91 0.08 0.00	29.29 -0.09 0.00	28.95 -0.07 0.00
W.BABYLN_69_KV_BK1 56697	43.82 2.79 -12.63	37.02 2.43 -10.26	12.27 1.10 -0.76	8.73 0.69 -1.07	32.74 2.49 0.00	33.07 2.62 0.00	34.13 2.77 0.00	36.04 2.91 0.00	35.84 2.96 0.00	33.41 2.71 -0.90	46.43 2.59 -14.05	38.51 2.97 -6.96	37.96 3.15 -5.64	44.37 3.19 -11.48	45.18 3.72 -8.25	48.46 3.85 -10.39	41.15 3.15 -7.29	41.14 3.08 -5.74	44.79 3.08 -6.81	62.69 3.43 -22.10	71.83 3.60 -29.07	36.76 2.70 -4.23	34.08 2.79 -1.92	32.38 2.99 -0.38
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.18 1.77 0.00	25.89 1.55 0.00	11.08 0.67 0.00	7.38 0.41 0.00	31.64 1.39 0.00	31.95 1.49 0.00	33.01 1.66 0.00	34.96 1.83 0.00	34.85 1.98 0.00	31.66 1.87 0.00	31.61 1.82 0.00	30.50 1.91 0.00	31.24 2.08 0.00	31.85 2.16 0.00	35.67 2.46 0.00	36.81 2.58 0.00	32.84 2.12 0.00	34.50 2.17 0.00	37.09 2.18 0.00	39.46 2.30 0.00	41.54 2.38 0.00	31.66 1.83 0.00	31.18 1.80 0.00	30.84 1.82 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.42 2.01 0.00	26.11 1.77 0.00	11.18 0.77 0.00	7.44 0.47 0.00	31.86 1.60 0.00	32.18 1.72 0.00	33.28 1.93 0.00	35.25 2.12 0.00	35.20 2.32 0.00	32.03 2.24 0.00	31.92 2.14 0.00	30.84 2.26 0.00	31.63 2.46 0.00	32.20 2.51 0.00	36.02 2.81 0.00	37.14 2.91 0.00	33.11 2.39 0.00	34.75 2.42 0.00	37.33 2.42 0.00	39.68 2.53 0.00	41.74 2.58 0.00	31.86 2.02 0.00	31.37 1.99 0.00	31.07 2.06 0.00
W50THST__13_KV_LOAD 356117	30.54 2.13 0.00	26.21 1.86 0.00	11.22 0.81 0.00	7.47 0.50 0.00	31.96 1.72 0.00	32.30 1.85 0.00	33.42 2.07 0.00	35.43 2.30 0.00	35.39 2.52 0.00	32.24 2.44 0.00	32.13 2.35 0.00	31.06 2.48 0.00	31.84 2.68 0.00	32.42 2.73 0.00	36.27 3.05 0.00	37.37 3.15 0.00	33.30 2.58 0.00	34.93 2.60 0.00	37.51 2.60 0.00	39.85 2.70 0.00	41.92 2.76 0.00	31.99 2.15 0.00	31.49 2.12 0.00	31.19 2.18 0.00
WADING RIVER_IC_1 23522	36.23 2.99 -4.83	34.03 2.56 -7.14	11.89 1.15 -0.33	8.06 0.70 -0.38	32.91 2.65 0.00	33.36 2.90 0.00	34.45 3.09 -0.01	36.35 3.21 -0.01	36.28 3.41 0.00	33.60 3.01 -0.79	44.27 2.77 -11.71	34.43 3.19 -2.66	34.68 3.38 -2.13	37.51 3.47 -4.35	40.96 4.11 -3.63	42.41 4.25 -3.93	36.92 3.46 -2.75	37.83 3.45 -2.06	78.56 3.47 -40.18	161.71 3.82 -120.74	192.07 4.02 -148.89	51.36 3.02 -18.51	34.36 3.06 -1.92	32.59 3.19 -0.38
WADING RIVER_IC_2 23547	36.23 2.99 -4.83	34.03 2.56 -7.14	11.89 1.15 -0.33	8.06 0.70 -0.38	32.91 2.65 0.00	33.36 2.90 0.00	34.45 3.09 -0.01	36.35 3.21 -0.01	36.28 3.41 0.00	33.60 3.01 -0.79	44.27 2.77 -11.71	34.43 3.19 -2.66	34.68 3.38 -2.13	37.51 3.47 -4.35	40.96 4.11 -3.63	42.41 4.25 -3.93	36.92 3.46 -2.75	37.83 3.45 -2.06	78.56 3.47 -40.18	161.71 3.82 -120.74	192.07 4.02 -148.89	51.36 3.02 -18.51	34.36 3.06 -1.92	32.59 3.19 -0.38
WADING RIVER_IC_3 23601	36.23 2.99 -4.83	34.03 2.56 -7.14	11.89 1.15 -0.33	8.06 0.70 -0.38	32.91 2.65 0.00	33.36 2.90 0.00	34.45 3.09 -0.01	36.35 3.21 -0.01	36.28 3.41 0.00	33.60 3.01 -0.79	44.27 2.77 -11.71	34.43 3.19 -2.66	34.68 3.38 -2.13	37.51 3.47 -4.35	40.96 4.11 -3.63	42.41 4.25 -3.93	36.92 3.46 -2.75	37.83 3.45 -2.06	78.56 3.47 -40.18	161.71 3.82 -120.74	192.07 4.02 -148.89	51.36 3.02 -18.51	34.36 3.06 -1.92	32.59 3.19 -0.38
WALDENNY_12_KV_BK2 80841	27.46 -0.95 0.00	23.52 -0.82 0.00	9.98 -0.43 0.00	6.69 -0.28 0.00	28.87 -1.39 0.00	29.33 -1.13 0.00	30.13 -1.23 0.00	31.35 -1.79 0.00	31.45 -1.43 0.00	28.64 -1.15 0.00	28.68 -1.11 0.00	27.35 -1.23 0.00	27.80 -1.36 0.00	28.01 -1.63 0.05	23.88 -1.67 7.66	21.59 -1.90 10.73	26.22 -2.03 2.47	26.24 -2.06 4.03	19.06 -2.39 13.46	19.71 -2.76 14.69	21.37 -2.78 15.01	14.25 -2.04 13.54	14.71 -1.89 12.77	25.87 -1.72 1.43
WALDEN__HYDRO 24148	30.15 1.74 0.00	25.86 1.52 0.00	11.07 0.66 0.00	7.38 0.41 0.00	31.64 1.39 0.00	31.94 1.49 0.00	33.01 1.65 0.00	34.93 1.80 0.00	34.78 1.91 0.00	31.56 1.77 0.00	31.49 1.71 0.00	30.39 1.81 0.00	31.11 1.94 0.00	31.72 2.02 0.00	35.53 2.32 0.00	36.65 2.43 0.00	32.75 2.04 0.00	34.44 2.12 0.00	37.06 2.16 0.00	39.44 2.28 0.00	41.52 2.36 0.00	31.62 1.79 0.00	31.13 1.75 0.00	30.77 1.75 0.00
WARRENSBURG____ 23737	29.53 1.12 0.00	25.43 1.09 0.00	10.88 0.47 0.00	7.27 0.30 0.00	31.40 1.15 0.00	31.83 1.37 0.00	33.17 1.65 -0.17	36.88 1.56 -2.19	33.92 1.04 0.00	30.42 0.62 0.00	30.40 0.62 0.00	29.06 0.48 0.00	29.72 0.55 0.00	30.41 0.72 0.00	34.00 0.79 0.00	35.13 0.91 0.00	31.84 1.12 0.00	33.87 1.55 0.00	36.77 1.87 0.00	39.33 2.17 0.00	41.44 2.28 0.00	31.47 1.63 0.00	30.84 1.47 0.00	30.49 1.47 0.00
WATERSIDE____6 8 9 23538	30.48 2.08 0.00	26.14 1.80 0.00	11.20 0.79 0.00	7.46 0.48 0.00	31.87 1.62 0.00	32.20 1.74 0.00	33.31 1.95 0.00	35.26 2.13 0.00	35.22 2.35 0.00	32.05 2.26 0.00	31.97 2.18 0.00	30.89 2.31 0.00	31.66 2.49 0.00	31.98 2.54 0.25	33.61 2.83 2.44	35.02 2.97 2.18	30.15 2.46 3.02	32.12 2.48 2.69	35.19 2.47 2.19	30.98 2.59 8.76	39.60 2.63 2.19	27.29 2.05 4.59	29.20 2.03 2.21	31.09 2.08 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.66 0.25 0.00	24.61 0.27 0.00	10.54 0.13 0.00	7.03 0.06 0.00	30.27 0.02 0.00	30.51 0.05 0.00	31.44 0.08 0.00	33.13 0.00 0.00	32.65 -0.22 0.00	29.50 -0.29 0.00	29.41 -0.38 0.00	28.21 -0.38 0.00	28.80 -0.36 0.00	29.33 -0.36 0.00	32.82 -0.39 0.00	33.97 -0.25 0.00	30.62 -0.09 0.00	32.44 0.11 0.00	35.11 0.20 0.00	37.41 0.25 0.00	39.42 0.26 0.00	29.96 0.12 0.00	29.54 0.16 0.00	29.21 0.20 0.00

WDELAWARE___HYD 323627	30.33 1.92 0.00	26.00 1.66 0.00	11.12 0.72 0.00	7.42 0.45 0.00	31.86 1.61 0.00	32.17 1.71 0.00	33.25 1.89 0.00	35.19 2.05 0.00	35.01 2.13 0.00	31.73 1.94 0.00	31.70 1.92 0.00	30.57 1.99 0.00	31.31 2.14 0.00	31.95 2.26 0.00	35.72 2.50 0.00	36.82 2.59 0.00	32.94 2.23 0.00	34.76 2.44 0.00	37.44 2.54 0.00	39.88 2.73 0.00	41.97 2.81 0.00	31.92 2.09 0.00	31.39 2.01 0.00	31.00 1.98 0.00
WEST BABYLON___IC 23714	43.82 2.79 -12.63	37.02 2.43 -10.26	12.27 1.10 -0.76	8.73 0.69 -1.07	32.74 2.49 0.00	33.07 2.62 0.00	34.13 2.77 0.00	36.04 2.91 0.00	35.84 2.96 0.00	33.41 2.71 -0.90	46.43 2.59 -14.05	38.51 2.97 -6.96	37.96 3.15 -5.64	44.37 3.19 -11.48	45.18 3.72 -8.25	48.46 3.85 -10.39	41.15 3.15 -7.29	41.14 3.08 -5.74	44.79 3.08 -6.81	62.69 3.43 -22.10	71.83 3.60 -29.07	36.76 2.70 -4.23	34.08 2.79 -1.92	32.38 2.99 -0.38
WEST CANADA___HYD 24049	28.50 0.09 0.00	24.44 0.09 0.00	10.45 0.05 0.00	6.99 0.02 0.00	30.26 0.01 0.00	30.46 0.00 0.00	31.35 0.00 0.00	33.11 -0.02 0.00	32.84 -0.04 0.00	29.74 -0.06 0.00	29.71 -0.08 0.00	28.50 -0.08 0.00	29.09 -0.07 0.00	29.63 -0.06 0.00	33.15 -0.06 0.00	34.19 -0.03 0.00	30.69 -0.03 0.00	32.33 0.00 0.00	34.91 0.00 0.00	37.16 0.00 0.00	39.16 0.00 0.00	29.82 -0.02 0.00	29.38 0.00 0.00	29.05 0.03 0.00
WESTERN_NY_WIND 24143	27.89 -0.52 0.00	23.83 -0.51 0.00	10.11 -0.29 0.00	6.78 -0.20 0.00	29.29 -0.96 0.00	29.76 -0.69 0.00	30.65 -0.70 0.00	31.90 -1.23 0.00	31.86 -1.01 0.00	29.06 -0.74 0.00	29.09 -0.69 0.00	27.78 -0.80 0.00	28.09 -1.08 0.00	28.40 -1.27 0.02	28.13 -1.07 4.02	27.24 -1.34 5.65	27.84 -1.58 1.29	28.85 -1.36 2.12	26.27 -1.54 7.10	27.50 -1.82 7.84	29.38 -1.77 8.01	21.43 -1.29 7.12	21.48 -1.20 6.70	27.18 -1.10 0.75
WESTOVER___LESR 323668	28.54 0.13 0.00	24.55 0.21 0.00	10.49 0.09 0.00	7.02 0.05 0.00	30.22 -0.03 0.00	30.57 0.11 0.00	31.48 0.13 0.00	33.20 0.07 0.00	33.05 0.17 0.00	29.97 0.18 0.00	29.93 0.15 0.00	28.59 0.02 0.00	29.20 0.04 0.00	29.73 0.05 0.00	33.29 0.08 0.00	34.24 0.01 -0.01	30.56 -0.15 0.00	32.20 -0.13 0.00	34.72 -0.20 -0.02	36.98 -0.23 -0.05	39.03 -0.19 -0.05	29.70 -0.13 0.00	29.25 -0.12 0.00	28.97 -0.05 0.00
WETHRSFD_WT_PWR 323626	27.30 -1.11 0.00	23.42 -0.92 0.00	9.97 -0.43 0.00	6.69 -0.28 0.00	28.90 -1.36 0.00	29.38 -1.08 0.00	30.15 -1.20 0.00	31.48 -1.65 0.00	31.47 -1.40 0.00	28.58 -1.21 0.00	28.51 -1.28 0.00	26.96 -1.62 0.00	27.33 -1.84 0.00	27.50 -2.04 0.16	3.88 -2.26 27.07	-6.23 -2.42 38.04	19.61 -2.37 8.73	15.67 -2.37 14.29	-15.53 -2.62 47.81	-18.27 -2.81 52.62	-17.48 -2.90 53.74	-20.32 -2.19 47.96	-17.95 -2.14 45.18	21.87 -2.12 5.03
WHAVSTOR_138KV_BK127 55557	30.06 1.65 0.00	25.80 1.46 0.00	11.04 0.64 0.00	7.36 0.38 0.00	31.53 1.28 0.00	31.84 1.38 0.00	32.89 1.53 0.00	34.81 1.68 0.00	34.70 1.83 0.00	31.52 1.73 0.00	31.46 1.68 0.00	30.35 1.77 0.00	31.10 1.94 0.00	31.70 2.01 0.00	35.50 2.29 0.00	36.63 2.41 0.00	32.68 1.97 0.00	34.32 2.00 0.00	36.91 2.01 0.00	39.26 2.11 0.00	41.33 2.17 0.00	31.51 1.68 0.00	31.04 1.66 0.00	30.72 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.06 1.65 0.00	25.80 1.46 0.00	11.04 0.64 0.00	7.36 0.38 0.00	31.53 1.28 0.00	31.84 1.38 0.00	32.89 1.53 0.00	34.81 1.68 0.00	34.70 1.83 0.00	31.52 1.73 0.00	31.46 1.68 0.00	30.35 1.77 0.00	31.10 1.94 0.00	31.70 2.01 0.00	35.50 2.29 0.00	36.63 2.41 0.00	32.68 1.97 0.00	34.32 2.00 0.00	36.91 2.01 0.00	39.26 2.11 0.00	41.33 2.17 0.00	31.51 1.68 0.00	31.04 1.66 0.00	30.72 1.70 0.00
WHITEHAL_115KV_TB1 80871	29.69 1.28 0.00	25.61 1.27 0.00	10.96 0.56 0.00	7.34 0.37 0.00	31.68 1.43 0.00	32.37 1.91 0.00	34.04 2.50 -0.18	37.80 2.31 -2.36	34.28 1.41 0.00	30.44 0.65 0.00	30.65 0.87 0.00	29.15 0.57 0.00	29.72 0.55 0.00	30.54 0.85 0.00	33.97 0.76 0.00	35.09 0.87 0.00	32.14 1.42 0.00	34.60 2.27 0.00	37.58 2.67 0.00	40.30 3.14 0.00	42.32 3.16 0.00	32.09 2.25 0.00	31.27 1.90 0.00	31.01 1.99 0.00
WHITEPLN_13_KV_LOAD 356215	30.48 2.07 0.00	26.15 1.81 0.00	11.19 0.78 0.00	7.46 0.48 0.00	31.94 1.69 0.00	32.25 1.80 0.00	33.37 2.01 0.00	35.36 2.23 0.00	35.26 2.39 0.00	32.05 2.26 0.00	31.98 2.20 0.00	30.87 2.29 0.00	31.63 2.47 0.00	32.22 2.53 0.00	36.06 2.85 0.00	37.21 2.99 0.00	33.21 2.49 0.00	34.88 2.55 0.00	37.48 2.57 0.00	39.86 2.70 0.00	41.94 2.78 0.00	31.96 2.13 0.00	31.47 2.10 0.00	31.13 2.11 0.00
WM_FLOYD_69_KV_BK2 356380	36.33 2.92 -4.99	34.06 2.52 -7.20	11.89 1.14 -0.34	8.08 0.71 -0.40	32.90 2.65 0.00	33.33 2.87 0.00	34.42 3.06 -0.01	36.32 3.18 -0.01	36.14 3.26 0.00	33.51 2.93 -0.79	44.27 2.73 -11.76	34.49 3.17 -2.74	34.73 3.36 -2.20	37.61 3.44 -4.48	40.99 4.05 -3.72	42.47 4.19 -4.05	37.03 3.47 -2.84	37.98 3.45 -2.20	79.64 3.47 -41.26	164.45 3.83 -123.46	195.16 4.03 -151.97	51.73 3.03 -18.87	34.35 3.06 -1.92	32.57 3.18 -0.38
WOODARD___115KV_TB2 355635	28.12 -0.29 0.00	24.11 -0.23 0.00	10.30 -0.11 0.00	6.89 -0.08 0.00	29.81 -0.45 0.00	30.06 -0.39 0.00	30.92 -0.44 0.00	32.58 -0.55 0.00	32.33 -0.55 0.00	29.32 -0.48 0.00	29.29 -0.49 0.00	28.08 -0.50 0.00	28.65 -0.52 0.00	29.16 -0.53 0.00	32.67 -0.54 0.00	33.64 -0.59 0.00	30.13 -0.58 0.00	31.74 -0.58 0.00	34.27 -0.64 0.00	36.47 -0.68 0.00	38.46 -0.69 0.00	29.29 -0.55 0.00	28.85 -0.53 0.00	28.60 -0.42 0.00
WOODMERE_69_KV_BK1 55827	112.19 2.65 -81.13	60.25 2.32 -33.59	15.88 1.04 -4.43	14.54 0.64 -6.93	32.58 2.33 0.00	32.92 2.46 0.00	33.95 2.59 0.00	35.86 2.73 0.00	35.71 2.84 0.00	33.81 2.70 -1.31	58.91 2.61 -26.52	77.79 2.90 -46.31	72.64 3.12 -40.35	114.95 3.20 -82.06	90.68 3.59 -53.88	112.16 3.74 -74.20	85.81 3.00 -52.10	91.94 2.98 -56.63	91.94 3.06 -53.97	111.34 3.41 -70.77	125.39 3.57 -82.66	41.28 2.66 -8.79	33.97 2.67 -1.92	32.15 2.75 -0.38
YORK___WARBASSE 23770	30.63 2.21 0.00	26.25 1.91 0.00	11.23 0.83 0.00	7.48 0.51 0.00	31.98 1.73 0.00	32.32 1.87 0.00	33.42 2.06 0.00	35.35 2.22 0.00	35.32 2.45 0.00	32.13 2.33 0.00	32.04 2.25 0.00	30.96 2.37 0.00	31.74 2.57 0.00	33.50 2.63 -1.19	47.83 2.91 -11.70	47.73 3.05 -10.46	47.74 2.51 -14.51	47.76 2.54 -12.89	47.93 2.53 -10.50	81.85 2.62 -42.08	52.32 2.66 -10.50	53.92 2.07 -22.02	42.02 2.05 -10.59	31.12 2.10 0.00