

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/28/2025

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	33.26	32.00	32.92	30.53	29.98	29.44	33.64	34.37	33.07	32.01	34.66	33.40	35.52	34.35	35.83	40.83	45.91	49.37	40.33	40.25	39.71	34.86	35.35	32.58
24138	1.98	1.86	1.86	1.79	1.87	1.81	2.23	2.34	2.20	2.17	2.47	2.36	2.50	2.48	2.59	2.99	3.54	3.78	2.99	2.79	2.81	2.48	2.49	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.29	32.04	32.94	30.55	30.01	29.46	33.65	34.38	33.10	32.01	34.68	33.40	35.53	34.36	35.84	40.85	45.92	49.37	40.35	40.28	39.73	34.87	35.38	32.63
24260	2.01	1.90	1.88	1.81	1.90	1.83	2.24	2.34	2.22	2.17	2.49	2.36	2.50	2.48	2.60	3.01	3.55	3.78	3.01	2.81	2.83	2.49	2.51	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.29	32.04	32.94	30.55	30.01	29.46	33.65	34.38	33.10	32.01	34.68	33.40	35.53	34.36	35.84	40.85	45.92	49.37	40.35	40.28	39.73	34.87	35.38	32.63
24261	2.01	1.90	1.88	1.81	1.90	1.83	2.24	2.34	2.22	2.17	2.49	2.36	2.50	2.48	2.60	3.01	3.55	3.78	3.01	2.81	2.83	2.49	2.51	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.54	32.26	33.19	30.74	30.10	29.71	34.00	34.76	33.46	32.30	34.97	33.66	35.96	34.64	36.23	41.15	46.09	49.52	40.51	40.62	40.04	35.13	35.67	33.08
24011	2.26	2.12	2.13	2.01	2.00	2.07	2.58	2.72	2.59	2.45	2.77	2.62	2.94	2.77	2.98	3.31	3.72	3.94	3.18	3.15	3.13	2.75	2.80	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.70	32.41	33.33	30.88	30.22	29.87	34.22	34.99	33.67	32.49	35.22	33.91	36.28	34.93	36.53	41.45	46.41	49.87	40.79	40.91	40.28	35.35	35.89	33.30
23798	2.42	2.27	2.27	2.14	2.12	2.24	2.81	2.95	2.79	2.65	3.03	2.87	3.25	3.05	3.29	3.61	4.04	4.28	3.45	3.44	3.38	2.97	3.03	2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.54	32.26	33.19	30.74	30.10	29.71	34.00	34.76	33.46	32.30	34.97	33.66	35.96	34.64	36.23	41.15	46.09	49.52	40.51	40.62	40.04	35.13	35.67	33.08
24028	2.26	2.12	2.13	2.01	2.00	2.07	2.58	2.72	2.59	2.45	2.77	2.62	2.94	2.77	2.98	3.31	3.72	3.94	3.18	3.15	3.13	2.75	2.80	2.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.04	31.81	32.74	30.32	29.70	29.22	33.42	34.10	32.78	31.59	34.12	32.95	35.18	33.92	35.43	40.27	45.01	48.32	39.56	39.62	39.06	34.37	34.93	32.45
23527	1.76	1.67	1.67	1.57	1.59	1.59	2.01	2.07	1.91	1.75	1.92	1.91	2.16	2.04	2.18	2.43	2.64	2.74	2.23	2.15	2.15	1.99	2.07	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.08	30.94	31.84	29.52	28.93	28.42	32.39	33.07	31.83	30.77	33.19	32.03	34.09	32.90	34.33	39.07	43.72	46.89	38.42	38.52	38.01	33.46	33.98	31.51
24190	0.80	0.80	0.78	0.77	0.83	0.79	0.99	1.03	0.95	0.93	1.00	0.99	1.07	1.03	1.09	1.22	1.35	1.30	1.09	1.06	1.11	1.08	1.11	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.36	30.24	31.21	28.80	28.11	27.65	31.47	32.14	31.01	29.89	32.20	31.05	33.07	31.85	33.20	37.79	42.22	45.55	37.30	37.49	36.83	32.19	32.62	30.36
355683	0.08	0.09	0.15	0.05	0.01	0.02	0.06	0.10	0.13	0.05	0.01	0.02	0.05	-0.03	-0.04	-0.06	-0.15	-0.04	-0.04	0.02	-0.08	-0.18	-0.24	-0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.61	31.43	32.36	29.97	29.37	28.88	32.90	33.58	32.30	31.16	33.59	32.31	34.40	33.22	34.77	39.64	44.45	47.71	39.07	39.16	38.60	33.92	34.46	32.01
323833	1.33	1.29	1.30	1.23	1.27	1.25	1.49	1.55	1.42	1.32	1.39	1.27	1.38	1.34	1.52	1.79	2.08	2.12	1.74	1.69	1.69	1.54	1.60	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.60	31.41	32.35	29.97	29.36	28.87	32.89	33.58	32.29	31.14	33.57	32.30	34.39	33.22	34.75	39.62	44.43	47.69	39.06	39.13	38.59	33.90	34.45	32.00
323834	1.32	1.28	1.29	1.23	1.26	1.23	1.48	1.54	1.41	1.30	1.38	1.26	1.37	1.34	1.50	1.78	2.06	2.10	1.72	1.66	1.69	1.52	1.58	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.08	30.94	31.84	29.52	28.93	28.42	32.39	33.07	31.83	30.77	33.19	32.03	34.09	32.90	34.33	39.07	43.72	46.89	38.42	38.52	38.01	33.46	33.98	31.51
23571	0.80	0.80	0.78	0.77	0.83	0.79	0.99	1.03	0.95	0.93	1.00	0.99	1.07	1.03	1.09	1.22	1.35	1.30	1.09	1.06	1.11	1.08	1.11	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.08 0.80 0.00	30.94 0.80 0.00	31.84 0.78 0.00	29.52 0.77 0.00	28.93 0.83 0.00	28.42 0.79 0.00	32.39 0.99 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.19 1.00 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.33 1.09 0.00	39.07 1.22 0.00	43.72 1.35 0.00	46.89 1.30 0.00	38.42 1.09 0.00	38.52 1.06 0.00	38.01 1.11 0.00	33.46 1.08 0.00	33.98 1.11 0.00	31.51 0.99 0.00
ALBANY___3 23573	32.08 0.80 0.00	30.94 0.80 0.00	31.84 0.78 0.00	29.52 0.77 0.00	28.93 0.83 0.00	28.42 0.79 0.00	32.39 0.99 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.19 1.00 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.33 1.09 0.00	39.07 1.22 0.00	43.72 1.35 0.00	46.89 1.30 0.00	38.42 1.09 0.00	38.52 1.06 0.00	38.01 1.11 0.00	33.46 1.08 0.00	33.98 1.11 0.00	31.51 0.99 0.00
ALBANY___4 23574	32.08 0.80 0.00	30.94 0.80 0.00	31.84 0.78 0.00	29.52 0.77 0.00	28.93 0.83 0.00	28.42 0.79 0.00	32.39 0.99 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.19 1.00 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.33 1.09 0.00	39.07 1.22 0.00	43.72 1.35 0.00	46.89 1.30 0.00	38.42 1.09 0.00	38.52 1.06 0.00	38.01 1.11 0.00	33.46 1.08 0.00	33.98 1.11 0.00	31.51 0.99 0.00
ALBANY___LFGE 323615	32.35 1.07 0.00	31.18 1.04 0.00	32.10 1.04 0.00	29.74 1.00 0.00	29.16 1.05 0.00	28.65 1.02 0.00	32.67 1.26 0.00	33.36 1.33 0.00	32.12 1.24 0.00	31.06 1.21 0.00	33.50 1.31 0.00	32.32 1.29 0.00	34.42 1.40 0.00	33.22 1.35 0.00	34.68 1.43 0.00	39.46 1.62 0.00	44.18 1.81 0.00	47.38 1.79 0.00	38.81 1.47 0.00	38.91 1.44 0.00	38.37 1.47 0.00	33.75 1.38 0.00	34.28 1.41 0.00	31.79 1.27 0.00
ALCOA_PA_115KV_PL-6C 55860	31.51 0.24 0.00	30.41 0.27 0.00	31.40 0.34 0.00	28.98 0.23 0.00	28.28 0.17 0.00	27.80 0.17 0.00	31.63 0.22 0.00	32.32 0.28 0.00	31.18 0.30 0.00	30.05 0.21 0.00	32.37 0.18 0.00	31.21 0.17 0.00	33.23 0.21 0.00	32.02 0.14 0.00	33.34 0.09 0.00	37.93 0.09 0.00	42.33 -0.04 0.00	45.66 0.07 0.00	37.41 0.07 0.00	37.59 0.12 0.00	36.92 0.01 0.00	32.31 -0.07 0.00	32.74 -0.12 0.00	30.48 -0.04 0.00
ALCOA_RYNLDS___DRP 24188	31.51 0.24 0.00	30.41 0.27 0.00	31.40 0.34 0.00	28.98 0.23 0.00	28.28 0.17 0.00	27.80 0.17 0.00	31.63 0.22 0.00	32.32 0.28 0.00	31.18 0.30 0.00	30.05 0.21 0.00	32.37 0.18 0.00	31.21 0.17 0.00	33.23 0.21 0.00	32.02 0.14 0.00	33.34 0.09 0.00	37.93 0.09 0.00	42.33 -0.04 0.00	45.66 0.07 0.00	37.41 0.07 0.00	37.59 0.12 0.00	36.92 0.01 0.00	32.31 -0.07 0.00	32.74 -0.12 0.00	30.48 -0.04 0.00
ALCOA___DSASP 323711	31.51 0.24 0.00	30.41 0.27 0.00	31.40 0.34 0.00	28.98 0.23 0.00	28.28 0.17 0.00	27.80 0.17 0.00	31.63 0.22 0.00	32.32 0.28 0.00	31.18 0.30 0.00	30.05 0.21 0.00	32.37 0.18 0.00	31.21 0.17 0.00	33.23 0.21 0.00	32.02 0.14 0.00	33.34 0.09 0.00	37.93 0.09 0.00	42.33 -0.04 0.00	45.66 0.07 0.00	37.41 0.07 0.00	37.59 0.12 0.00	36.92 0.01 0.00	32.31 -0.07 0.00	32.74 -0.12 0.00	30.48 -0.04 0.00
ALLEGHENY___COGEN 23514	30.94 -0.34 0.00	29.76 -0.39 0.00	30.62 -0.44 0.00	28.17 -0.57 0.00	27.50 -0.61 0.00	27.11 -0.52 0.00	31.27 -0.69 -0.55	32.84 -0.46 -1.26	30.61 -0.27 0.00	34.71 -0.27 -5.14	63.63 -0.38 -31.81	42.60 -0.60 -12.15	41.69 -0.65 -9.32	32.66 -0.57 -1.36	33.88 -0.47 -1.11	37.97 -0.33 -0.46	60.75 -0.13 -18.51	45.79 0.20 0.00	37.65 0.31 0.00	39.24 0.42 -1.35	37.44 0.54 0.00	32.60 0.23 0.00	33.28 0.42 0.00	30.87 0.35 0.00
ALTAMONT_115KV_TB 2 55880	32.11 0.83 0.00	30.94 0.80 0.00	31.85 0.79 0.00	29.51 0.76 0.00	28.91 0.80 0.00	28.41 0.77 0.00	32.36 0.95 0.00	33.03 0.99 0.00	31.81 0.93 0.00	30.73 0.88 0.00	33.18 1.00 0.00	31.98 0.94 0.00	34.06 1.04 0.00	32.87 1.00 0.00	34.31 1.06 0.00	39.04 1.20 0.00	43.72 1.35 0.00	46.93 1.34 0.00	38.42 1.09 0.00	38.53 1.06 0.00	38.00 1.09 0.00	33.40 1.03 0.00	33.93 1.06 0.00	31.48 0.95 0.00
ALTONA_WT_PWR 323606	31.25 -0.03 0.00	30.09 -0.05 0.00	31.18 0.12 0.00	28.78 0.04 0.00	28.00 -0.10 0.00	27.63 0.00 0.00	31.58 0.17 0.00	32.21 0.17 0.00	31.06 0.19 0.00	29.83 -0.01 0.00	32.04 -0.15 0.00	30.87 -0.17 0.00	32.90 -0.12 0.00	31.57 -0.31 0.00	32.88 -0.37 0.00	37.39 -0.45 0.00	41.64 -0.73 0.00	44.90 -0.69 0.00	36.71 -0.62 0.00	36.90 -0.57 0.00	36.29 -0.61 0.00	31.73 -0.65 0.00	32.12 -0.74 0.00	29.92 -0.60 0.00
AMERICAN_REF_FUEL 24010	28.96 -2.32 0.00	27.87 -2.28 0.00	28.68 -2.39 0.00	26.24 -2.50 0.00	25.56 -2.54 0.00	25.14 -2.50 0.00	27.92 -3.37 0.12	28.59 -3.18 0.27	27.99 -2.88 0.00	26.13 -2.62 1.09	22.83 -2.59 6.78	25.81 -2.64 2.59	28.10 -2.93 1.99	28.69 -2.90 0.29	30.01 -3.00 0.24	34.36 -3.38 0.10	34.74 -3.69 3.94	41.69 -3.90 0.00	34.35 -2.98 0.00	34.32 -2.86 0.29	34.44 -2.47 0.00	30.05 -2.33 0.00	30.97 -1.90 0.00	28.68 -1.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.47 -2.81 0.00	27.34 -2.80 0.00	28.10 -2.96 0.00	25.77 -2.97 0.00	25.10 -3.01 0.00	24.83 -2.80 0.00	27.87 -3.42 0.11	28.54 -3.24 0.25	27.76 -3.12 0.00	25.90 -2.90 1.03	22.47 -3.33 6.40	25.34 -3.25 2.44	27.61 -3.53 1.88	28.19 -3.42 0.27	29.72 -3.30 0.22	34.17 -3.58 0.09	34.60 -4.05 3.72	41.46 -4.13 0.00	34.09 -3.25 0.00	34.01 -3.18 0.27	33.89 -3.02 0.00	29.70 -2.68 0.00	30.54 -2.32 0.00	28.53 -2.00 0.00
ARTHUR KILL_GT_1 23520	33.62 2.34 0.00	32.43 2.28 0.00	33.35 2.29 0.00	30.94 2.19 0.00	30.36 2.25 0.00	29.71 2.08 0.00	33.80 2.39 0.00	34.54 2.51 0.00	33.29 2.41 0.00	32.16 2.32 0.00	34.76 2.57 0.00	33.47 2.43 0.00	35.57 2.55 0.00	34.42 2.55 0.00	35.93 2.69 0.00	41.00 3.16 0.00	46.18 3.81 0.00	49.72 4.13 0.00	40.65 3.31 0.00	40.59 3.12 0.00	40.05 3.14 0.00	35.11 2.74 0.00	35.61 2.74 0.00	32.89 2.36 0.00
ARTHUR_KILL_2 23512	33.53 2.25 0.00	32.34 2.20 0.00	33.26 2.21 0.00	30.85 2.11 0.00	30.28 2.18 0.00	29.64 2.00 0.00	33.71 2.30 0.00	34.45 2.42 0.00	33.20 2.32 0.00	32.08 2.24 0.00	34.68 2.49 0.00	33.40 2.37 0.00	35.49 2.47 0.00	34.35 2.47 0.00	35.85 2.60 0.00	40.90 3.06 0.00	46.04 3.67 0.00	49.57 3.98 0.00	40.52 3.19 0.00	40.46 3.00 0.00	39.92 3.01 0.00	35.01 2.63 0.00	35.51 2.64 0.00	32.79 2.26 0.00
ARTHUR_KILL_3 23513	33.00 1.72 0.00	31.72 1.58 0.00	32.63 1.57 0.00	30.27 1.52 0.00	29.73 1.62 0.00	29.19 1.56 0.00	33.37 1.96 0.00	34.07 2.04 0.00	32.78 1.90 0.00	31.69 1.85 0.00	34.31 2.12 0.00	33.04 2.00 0.00	35.14 2.11 0.00	34.00 2.13 0.00	35.45 2.21 0.00	40.42 2.58 0.00	45.42 3.05 0.00	48.87 3.28 0.00	39.94 2.60 0.00	39.87 2.40 0.00	39.33 2.42 0.00	34.53 2.15 0.00	35.02 2.16 0.00	32.30 1.78 0.00

ARTHUR_KILL_COGEN 323718	33.62 2.34 0.00	32.43 2.29 0.00	33.35 2.29 0.00	30.94 2.19 0.00	30.36 2.25 0.00	29.71 2.08 0.00	33.80 2.39 0.00	34.55 2.51 0.00	33.29 2.41 0.00	32.16 2.32 0.00	34.77 2.57 0.00	33.47 2.43 0.00	35.57 2.55 0.00	34.43 2.55 0.00	35.93 2.69 0.00	41.00 3.16 0.00	46.18 3.81 0.00	49.72 4.13 0.00	40.64 3.31 0.00	40.59 3.12 0.00	40.05 3.14 0.00	35.11 2.74 0.00	35.61 2.74 0.00	32.88 2.36 0.00
ASHOKAN____ 23654	32.99 1.71 0.00	31.74 1.60 0.00	32.64 1.59 0.00	30.23 1.49 0.00	29.67 1.56 0.00	29.18 1.54 0.00	33.34 1.94 0.00	34.10 2.06 0.00	32.90 2.03 0.00	31.83 1.99 0.00	34.57 2.38 0.00	33.20 2.16 0.00	35.30 2.28 0.00	33.96 2.09 0.00	35.58 2.34 0.00	40.64 2.80 0.00	45.82 3.45 0.00	49.30 3.71 0.00	40.35 3.01 0.00	40.38 2.90 0.00	39.77 2.87 0.00	34.86 2.49 0.00	35.31 2.44 0.00	32.61 2.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.90 1.62 0.00	31.69 1.55 0.00	32.57 1.51 0.01	30.24 1.51 0.00	29.75 1.65 0.00	29.13 1.49 0.00	33.41 2.00 0.00	34.16 2.12 0.00	32.83 1.95 0.00	31.75 1.92 0.01	34.56 2.37 0.00	33.26 2.22 0.00	35.35 2.34 0.00	34.24 2.36 0.00	35.68 2.44 0.00	40.68 2.84 0.00	45.66 3.29 0.01	49.03 3.45 0.01	40.06 2.73 0.01	39.99 2.52 0.01	39.46 2.56 0.01	34.66 2.29 0.01	35.26 2.39 0.00	32.45 1.93 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.90 1.62 0.00	31.69 1.55 0.00	32.57 1.51 0.01	30.24 1.51 0.00	29.75 1.65 0.00	29.13 1.49 0.00	33.41 2.00 0.00	34.16 2.12 0.00	32.83 1.95 0.00	31.75 1.92 0.01	34.56 2.37 0.00	33.26 2.22 0.00	35.35 2.34 0.00	34.24 2.36 0.00	35.68 2.43 0.00	40.68 2.84 0.00	45.65 3.29 0.01	49.03 3.45 0.01	40.06 2.73 0.01	39.99 2.52 0.01	39.46 2.56 0.01	34.66 2.29 0.01	35.26 2.40 0.00	32.46 1.93 0.00
ASTORIA_GT2_1 24094	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT2_2 24095	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT2_3 24096	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT2_4 24097	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT3_1 24098	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT3_2 24099	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT3_3 24100	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT3_4 24101	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT4_1 24102	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT4_2 24103	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT4_3 24104	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00

ASTORIA_GT4_4 24105	32.92 1.64 0.00	31.71 1.57 0.00	32.58 1.53 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.52 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.77 1.93 0.00	34.57 2.38 0.00	33.27 2.23 0.00	35.36 2.35 0.00	34.24 2.37 0.00	35.69 2.44 0.00	40.68 2.84 0.00	45.69 3.31 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.01 2.55 0.00	39.49 2.58 0.00	34.69 2.31 0.00	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA_GT_1 23523	32.97 1.69 0.00	31.77 1.63 0.00	32.63 1.58 0.01	30.30 1.57 0.00	29.82 1.71 0.00	29.19 1.56 0.00	33.49 2.08 0.00	34.23 2.20 0.00	32.91 2.03 0.00	31.83 1.99 0.00	34.64 2.44 0.00	33.33 2.29 0.00	35.43 2.41 0.00	34.31 2.43 0.00	35.76 2.51 0.00	40.77 2.93 0.00	45.77 3.40 0.00	49.15 3.57 0.00	40.17 2.84 0.00	40.10 2.63 0.00	39.57 2.66 0.00	34.75 2.37 0.00	35.34 2.47 0.00	32.52 2.00 0.00
ASTORIA_GT_10 24110	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
ASTORIA_GT_11 24225	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
ASTORIA_GT_12 24226	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
ASTORIA_GT_13 24227	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
ASTORIA_GT_5 24106	32.97 1.69 0.00	31.77 1.63 0.00	32.63 1.58 0.01	30.30 1.57 0.00	29.82 1.71 0.00	29.19 1.56 0.00	33.49 2.08 0.00	34.23 2.20 0.00	32.91 2.03 0.00	31.83 1.99 0.00	34.64 2.44 0.00	33.33 2.29 0.00	35.43 2.41 0.00	34.31 2.43 0.00	35.76 2.51 0.00	40.77 2.93 0.00	45.77 3.40 0.00	49.15 3.57 0.00	40.17 2.84 0.00	40.10 2.63 0.00	39.57 2.66 0.00	34.75 2.37 0.00	35.34 2.47 0.00	32.52 2.00 0.00
ASTORIA_GT_7 24107	32.97 1.69 0.00	31.77 1.63 0.00	32.63 1.58 0.01	30.30 1.57 0.00	29.82 1.71 0.00	29.19 1.56 0.00	33.49 2.08 0.00	34.23 2.20 0.00	32.91 2.03 0.00	31.83 1.99 0.00	34.64 2.44 0.00	33.33 2.29 0.00	35.43 2.41 0.00	34.31 2.43 0.00	35.76 2.51 0.00	40.77 2.93 0.00	45.77 3.40 0.00	49.15 3.57 0.00	40.17 2.84 0.00	40.10 2.63 0.00	39.57 2.66 0.00	34.75 2.37 0.00	35.34 2.47 0.00	32.52 2.00 0.00
ASTORIA_GT_8 24108	32.97 1.69 0.00	31.77 1.63 0.00	32.63 1.58 0.01	30.30 1.57 0.00	29.82 1.71 0.00	29.19 1.56 0.00	33.49 2.08 0.00	34.23 2.20 0.00	32.91 2.03 0.00	31.83 1.99 0.00	34.64 2.44 0.00	33.33 2.29 0.00	35.43 2.41 0.00	34.31 2.43 0.00	35.76 2.51 0.00	40.77 2.93 0.00	45.77 3.40 0.00	49.15 3.57 0.00	40.17 2.84 0.00	40.10 2.63 0.00	39.57 2.66 0.00	34.75 2.37 0.00	35.34 2.47 0.00	32.52 2.00 0.00
ASTORIA___2 24149	32.91 1.63 0.00	31.71 1.57 0.00	32.58 1.52 0.01	30.26 1.52 0.00	29.76 1.65 0.00	29.15 1.51 0.00	33.43 2.02 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.76 1.93 0.01	34.57 2.38 0.00	33.27 2.23 0.00	35.37 2.35 0.00	34.24 2.36 0.00	35.68 2.44 0.00	40.68 2.84 0.00	45.68 3.31 0.01	49.04 3.46 0.01	40.08 2.75 0.01	40.01 2.54 0.01	39.48 2.58 0.01	34.68 2.31 0.01	35.27 2.41 0.00	32.46 1.94 0.00
ASTORIA___3 23516	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
ASTORIA___4 23517	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
ASTORIA___5 23518	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.19 3.60 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
AST_ENERGY_2_CC3 323677	32.64 1.36 0.00	31.51 1.37 0.00	32.32 1.27 0.01	30.02 1.28 0.00	29.57 1.46 0.00	28.89 1.26 0.00	33.07 1.66 0.00	33.80 1.77 0.00	32.48 1.61 0.00	31.43 1.59 0.01	34.36 2.16 0.00	33.06 2.02 0.00	35.14 2.12 0.00	34.03 2.16 0.00	35.40 2.16 0.00	40.38 2.53 0.00	45.26 2.89 0.01	48.52 2.94 0.01	39.66 2.33 0.01	39.57 2.11 0.01	39.07 2.17 0.01	34.32 1.94 0.01	34.90 2.04 0.00	32.12 1.60 0.00
AST_ENERGY_2_CC4 323678	32.64 1.36 0.00	31.51 1.37 0.00	32.32 1.27 0.01	30.02 1.28 0.00	29.57 1.46 0.00	28.89 1.26 0.00	33.07 1.66 0.00	33.80 1.77 0.00	32.48 1.61 0.00	31.43 1.59 0.01	34.36 2.16 0.00	33.06 2.02 0.00	35.14 2.12 0.00	34.03 2.16 0.00	35.40 2.16 0.00	40.38 2.53 0.00	45.26 2.89 0.01	48.52 2.94 0.01	39.66 2.33 0.01	39.57 2.11 0.01	39.07 2.17 0.01	34.32 1.94 0.01	34.90 2.04 0.00	32.12 1.60 0.00

ATHENS_STG_1 23668	32.30 1.02 0.00	31.09 0.95 0.00	32.01 0.94 0.00	29.66 0.92 0.00	29.06 0.96 0.00	28.56 0.92 0.00	32.55 1.14 0.00	33.23 1.19 0.00	32.00 1.12 0.00	30.92 1.08 0.00	33.42 1.23 0.00	32.21 1.18 0.00	34.28 1.26 0.00	33.09 1.22 0.00	34.49 1.25 0.00	39.25 1.41 0.00	43.97 1.60 0.00	47.21 1.63 0.00	38.64 1.31 0.00	38.73 1.26 0.00	38.21 1.30 0.00	33.59 1.21 0.00	34.10 1.24 0.00	31.61 1.09 0.00
ATHENS_STG_2 23670	32.30 1.02 0.00	31.09 0.95 0.00	32.01 0.94 0.00	29.66 0.92 0.00	29.06 0.96 0.00	28.56 0.92 0.00	32.55 1.14 0.00	33.23 1.19 0.00	32.00 1.12 0.00	30.92 1.08 0.00	33.42 1.23 0.00	32.21 1.18 0.00	34.28 1.26 0.00	33.09 1.22 0.00	34.49 1.25 0.00	39.25 1.41 0.00	43.97 1.60 0.00	47.21 1.63 0.00	38.64 1.31 0.00	38.73 1.26 0.00	38.21 1.30 0.00	33.59 1.21 0.00	34.10 1.24 0.00	31.61 1.09 0.00
ATHENS_STG_3 23677	32.30 1.02 0.00	31.09 0.95 0.00	32.01 0.94 0.00	29.66 0.92 0.00	29.06 0.96 0.00	28.56 0.92 0.00	32.55 1.14 0.00	33.23 1.19 0.00	32.00 1.12 0.00	30.92 1.08 0.00	33.42 1.23 0.00	32.21 1.18 0.00	34.28 1.26 0.00	33.09 1.22 0.00	34.49 1.25 0.00	39.25 1.41 0.00	43.97 1.60 0.00	47.21 1.63 0.00	38.64 1.31 0.00	38.73 1.26 0.00	38.21 1.30 0.00	33.59 1.21 0.00	34.10 1.24 0.00	31.61 1.09 0.00
AUBURN___LFGE 323710	31.13 -0.15 0.00	30.00 -0.14 0.00	30.90 -0.16 0.00	28.59 -0.15 0.00	27.83 -0.27 0.00	27.49 -0.14 0.00	31.16 -0.25 0.00	31.79 -0.25 0.00	30.67 -0.20 0.00	29.59 -0.25 0.00	31.97 -0.22 0.00	30.74 -0.30 0.00	32.66 -0.36 0.00	31.66 -0.21 0.00	33.06 -0.18 0.00	37.63 -0.21 0.00	42.16 -0.21 0.00	45.53 -0.06 0.00	37.29 -0.05 0.00	37.43 -0.04 0.00	36.91 0.00 0.00	32.36 -0.02 0.00	32.75 -0.11 0.00	30.48 -0.04 0.00
BABYLON_RES_REC 323704	33.40 2.12 0.00	32.05 1.90 0.00	32.92 1.86 0.00	30.53 1.79 0.00	29.99 1.89 0.00	29.48 1.85 0.00	33.59 2.18 0.00	34.23 2.20 0.00	32.77 1.90 0.00	31.74 1.90 0.00	34.58 2.38 0.00	33.28 2.24 0.00	35.12 2.11 0.00	33.99 2.11 0.00	35.93 2.22 -0.46	40.70 2.86 0.00	46.03 3.67 0.00	49.56 3.98 0.00	41.10 3.07 -0.70	40.94 2.81 -0.66	40.28 2.73 -0.64	35.29 2.51 -0.40	35.53 2.50 -0.17	32.67 2.14 0.00
BALL_HILL_WT_PWR 323825	29.15 -2.13 0.00	28.04 -2.10 0.00	28.83 -2.23 0.00	26.45 -2.29 0.00	25.73 -2.38 0.00	25.39 -2.24 0.00	28.43 -2.83 0.15	29.03 -2.66 0.35	28.41 -2.47 0.00	26.16 -2.25 1.43	20.90 -2.44 8.86	25.23 -2.43 3.38	27.79 -2.63 2.60	28.94 -2.56 0.38	30.38 -2.56 0.31	34.88 -2.84 0.13	34.11 -3.11 5.15	42.44 -3.15 0.00	34.90 -2.44 0.00	34.76 -2.33 0.37	34.81 -2.10 0.00	30.39 -1.99 0.00	31.23 -1.63 0.00	29.03 -1.50 0.00
BARON_WINDS___WT_PWR 323822	28.96 -2.32 0.00	27.94 -2.20 0.00	28.76 -2.30 0.00	26.51 -2.24 0.00	25.81 -2.30 0.00	25.48 -2.16 0.00	27.94 -2.62 0.85	27.52 -2.57 1.94	28.49 -2.38 0.01	19.63 -2.30 7.90	-19.29 -2.54 48.94	9.76 -2.58 18.70	15.85 -2.80 14.37	27.12 -2.67 2.09	28.86 -2.68 1.71	34.18 -2.96 0.70	10.73 -3.16 28.48	42.39 -3.19 0.01	34.80 -2.54 0.00	32.93 -2.46 2.08	34.54 -2.36 0.00	30.17 -2.21 0.00	30.86 -2.01 0.00	28.79 -1.74 0.00
BARRETT_IC_1 23704	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_10 23701	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_11 23702	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_12 23703	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_2 23705	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_3 23706	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_4 23707	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_5 23708	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00

BARRETT_IC_6 23709	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_7 23710	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.58 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.65 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.07 2.05 0.00	33.95 2.08 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.34 0.00	49.08 3.49 0.00	40.01 2.68 0.00	39.87 2.40 0.00	39.23 2.32 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.42 1.89 0.00
BARRETT_IC_8 23711	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT_IC_9 23700	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT___1 23545	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BARRETT___2 23546	33.08 1.79 0.00	31.76 1.62 0.00	32.64 1.59 0.00	30.27 1.53 0.00	29.74 1.63 0.00	29.23 1.59 0.00	33.32 1.91 0.00	33.94 1.91 0.00	32.52 1.64 0.00	31.54 1.70 0.00	34.38 2.19 0.00	33.16 2.12 0.00	35.08 2.05 0.00	33.95 2.07 0.00	35.40 2.15 0.00	40.53 2.69 0.00	45.72 3.35 0.00	49.08 3.49 0.00	40.01 2.67 0.00	39.87 2.40 0.00	39.24 2.33 0.00	34.55 2.17 0.00	35.08 2.22 0.00	32.41 1.89 0.00
BATAVIA___115KV_TB1 55881	30.33 -0.95 0.00	29.16 -0.98 0.00	30.00 -1.06 0.00	27.50 -1.24 0.00	26.83 -1.28 0.00	26.43 -1.20 0.00	29.62 -1.71 0.08	30.36 -1.48 0.19	29.63 -1.25 0.00	27.95 -1.11 0.78	26.12 -1.22 4.84	27.88 -1.31 1.85	30.19 -1.41 1.42	30.35 -1.32 0.21	31.77 -1.30 0.17	36.39 -1.39 0.07	38.23 -1.32 2.82	44.38 -1.21 0.00	36.49 -0.85 0.00	36.49 -0.77 0.21	36.41 -0.50 0.00	31.73 -0.65 0.00	32.53 -0.34 0.00	30.10 -0.42 0.00
BAYONEEC___CTG1 323682	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG10 323750	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG2 323683	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG3 323684	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG4 323685	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG5 323686	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG6 323687	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG7 323688	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00

BAYONEEC___CTG8 323689	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BAYONEEC___CTG9 323749	33.10 1.82 0.00	31.84 1.70 0.00	32.75 1.69 0.00	30.38 1.64 0.00	29.84 1.74 0.00	29.28 1.65 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.44 2.25 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.26 0.00	35.59 2.34 0.00	40.58 2.73 0.00	45.60 3.22 0.00	49.05 3.46 0.00	40.07 2.74 0.00	40.01 2.54 0.00	39.48 2.57 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
BEACON___LESR 323632	32.59 1.31 0.00	31.39 1.25 0.00	32.23 1.18 0.00	29.86 1.12 0.00	29.29 1.19 0.00	28.81 1.17 0.00	32.88 1.47 0.00	33.54 1.50 0.00	32.30 1.43 0.00	31.24 1.40 0.00	33.73 1.53 0.00	32.54 1.50 0.00	34.71 1.69 0.00	33.43 1.55 0.00	34.92 1.67 0.00	39.77 1.93 0.00	44.52 2.15 0.00	47.79 2.20 0.00	39.18 1.84 0.00	39.25 1.79 0.00	38.65 1.74 0.00	33.91 1.53 0.00	34.48 1.61 0.00	31.98 1.45 0.00
BEAVER RIVER___HYD 24048	30.04 -1.24 0.00	29.22 -0.92 0.00	30.46 -0.60 0.00	28.57 -0.17 0.00	27.36 -0.75 0.00	26.89 -0.75 0.00	30.33 -1.08 0.00	31.08 -0.96 0.00	29.94 -0.93 0.00	28.98 -0.86 0.00	31.31 -0.89 0.00	30.00 -1.04 0.00	31.80 -1.22 0.00	30.86 -1.01 0.00	32.05 -1.19 0.00	36.49 -1.36 0.00	40.80 -1.58 0.00	44.00 -1.59 0.00	36.04 -1.30 0.00	36.41 -1.05 0.00	35.76 -1.15 0.00	31.44 -0.94 0.00	31.72 -1.14 0.00	29.57 -0.95 0.00
BEEBEE_GT_13 23619	30.40 -0.88 0.00	29.26 -0.88 0.00	30.11 -0.95 0.00	27.69 -1.05 0.00	27.04 -1.07 0.00	26.61 -1.02 0.00	30.07 -1.34 0.00	30.83 -1.20 0.00	29.84 -1.03 0.00	28.94 -0.90 0.00	31.22 -0.97 0.00	30.06 -0.98 0.00	31.98 -1.04 0.00	30.88 -0.99 0.00	32.25 -1.00 0.00	36.75 -1.09 0.00	41.27 -1.11 0.00	44.55 -1.04 0.00	36.58 -0.76 0.00	36.74 -0.72 0.00	36.37 -0.54 0.00	31.75 -0.62 0.00	32.42 -0.44 0.00	30.04 -0.48 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.45 2.17 0.00	32.21 2.07 0.00	33.11 2.05 0.00	30.72 1.97 0.00	30.16 2.05 0.00	29.58 1.95 0.00	33.77 2.36 0.00	34.50 2.46 0.00	33.22 2.34 0.00	32.12 2.28 0.00	34.77 2.57 0.00	33.51 2.47 0.00	35.61 2.59 0.00	34.46 2.59 0.00	35.95 2.71 0.00	41.00 3.15 0.00	46.13 3.76 0.00	49.64 4.05 0.00	40.55 3.21 0.00	40.50 3.03 0.00	39.95 3.05 0.00	35.05 2.68 0.00	35.54 2.68 0.00	32.78 2.25 0.00
BETHLEHEM___GRP 23843	32.08 0.80 0.00	30.94 0.80 0.00	31.84 0.78 0.00	29.52 0.77 0.00	28.93 0.83 0.00	28.42 0.79 0.00	32.39 0.99 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.19 1.00 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.33 1.09 0.00	39.07 1.22 0.00	43.72 1.35 0.00	46.89 1.30 0.00	38.42 1.09 0.00	38.52 1.06 0.00	38.01 1.11 0.00	33.46 1.08 0.00	33.98 1.11 0.00	31.51 0.99 0.00
BETHLEHEM___GS1 323560	32.09 0.81 0.00	30.94 0.80 0.00	31.85 0.79 0.00	29.52 0.77 0.00	28.93 0.82 0.00	28.42 0.79 0.00	32.39 0.98 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.18 0.99 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.33 1.09 0.00	39.06 1.22 0.00	43.72 1.35 0.00	46.89 1.31 0.00	38.42 1.08 0.00	38.53 1.06 0.00	38.01 1.10 0.00	33.45 1.07 0.00	33.98 1.11 0.00	31.51 0.99 0.00
BETHLEHEM___GS2 323561	32.09 0.81 0.00	30.94 0.80 0.00	31.85 0.79 0.00	29.52 0.77 0.00	28.93 0.82 0.00	28.42 0.79 0.00	32.39 0.98 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.18 0.99 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.33 1.09 0.00	39.06 1.22 0.00	43.72 1.35 0.00	46.89 1.31 0.00	38.42 1.08 0.00	38.53 1.06 0.00	38.01 1.10 0.00	33.45 1.07 0.00	33.98 1.11 0.00	31.51 0.99 0.00
BETHLEHEM___GS3 323562	32.09 0.81 0.00	30.94 0.80 0.00	31.85 0.79 0.00	29.52 0.77 0.00	28.93 0.82 0.00	28.42 0.79 0.00	32.39 0.98 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.18 0.99 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.33 1.09 0.00	39.06 1.22 0.00	43.72 1.35 0.00	46.89 1.31 0.00	38.42 1.08 0.00	38.53 1.06 0.00	38.01 1.10 0.00	33.45 1.07 0.00	33.98 1.11 0.00	31.51 0.99 0.00
BETHLEHEM___STEEL 23779	29.51 -1.77 0.00	28.39 -1.75 0.00	29.21 -1.85 0.00	26.77 -1.98 0.00	26.03 -2.07 0.00	25.65 -1.98 0.00	28.69 -2.58 0.14	29.33 -2.38 0.33	28.74 -2.14 0.00	26.55 -1.95 1.35	21.80 -2.06 8.33	25.80 -2.06 3.18	28.36 -2.22 2.45	29.36 -2.17 0.36	30.77 -2.19 0.29	35.28 -2.44 0.12	34.87 -2.65 4.85	42.92 -2.67 0.00	35.33 -2.01 0.00	35.22 -1.90 0.35	35.33 -1.58 0.00	30.80 -1.58 0.00	31.66 -1.21 0.00	29.34 -1.18 0.00
BETHLHEM_115KV_TB1 79974	32.10 0.82 0.00	30.94 0.80 0.00	31.84 0.78 0.00	29.52 0.77 0.00	28.93 0.83 0.00	28.43 0.79 0.00	32.39 0.98 0.00	33.07 1.03 0.00	31.83 0.95 0.00	30.77 0.93 0.00	33.20 1.01 0.00	32.03 0.99 0.00	34.09 1.07 0.00	32.90 1.03 0.00	34.34 1.10 0.00	39.08 1.24 0.00	43.74 1.36 0.00	46.93 1.34 0.00	38.43 1.09 0.00	38.53 1.06 0.00	38.02 1.11 0.00	33.46 1.08 0.00	33.98 1.11 0.00	31.52 0.99 0.00
BETHPAGE_CC_5 323564	33.25 1.97 0.00	31.93 1.79 0.00	32.80 1.74 0.00	30.42 1.68 0.00	29.88 1.77 0.00	29.37 1.74 0.00	33.46 2.05 0.00	34.10 2.07 0.00	32.70 1.82 0.00	31.70 1.85 0.00	34.49 2.30 0.00	33.22 2.18 0.00	35.11 2.09 0.00	33.94 2.06 0.00	35.30 2.06 0.00	40.44 2.60 0.00	45.67 3.30 0.00	49.12 3.53 0.00	40.05 2.72 0.00	39.93 2.47 0.00	39.31 2.39 0.00	34.61 2.23 0.00	35.16 2.29 0.00	32.53 2.01 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.59 -1.69 0.00	28.47 -1.68 0.00	29.31 -1.76 0.00	26.86 -1.88 0.00	26.12 -1.98 0.00	25.74 -1.89 0.00	28.80 -2.47 0.13	29.44 -2.29 0.31	28.82 -2.05 0.00	26.72 -1.86 1.26	22.41 -1.96 7.82	26.09 -1.96 2.99	28.61 -2.11 2.29	29.47 -2.07 0.33	30.88 -2.10 0.27	35.41 -2.32 0.11	35.30 -2.52 4.55	43.06 -2.53 0.00	35.45 -1.89 0.00	35.36 -1.78 0.33	35.44 -1.47 0.00	30.90 -1.48 0.00	31.75 -1.11 0.00	29.44 -1.09 0.00
BINGHAMTON___COGEN 23790	30.88 -0.40 0.00	29.74 -0.40 0.00	30.62 -0.44 0.00	28.33 -0.41 0.00	27.65 -0.45 0.00	27.30 -0.34 0.00	30.99 -0.45 -0.03	31.66 -0.44 -0.07	30.46 -0.41 0.00	29.77 -0.34 -0.27	33.51 -0.37 -1.69	31.29 -0.40 -0.64	33.07 -0.44 -0.50	31.53 -0.41 -0.07	32.90 -0.40 -0.06	37.44 -0.42 -0.02	42.98 -0.37 -0.98	45.23 -0.36 0.00	37.04 -0.29 0.00	37.26 -0.28 -0.07	36.62 -0.29 0.00	32.09 -0.29 0.00	32.64 -0.23 0.00	30.30 -0.23 0.00

BIXINCNT_115KV_LOAD 355685	29.11 -2.18 0.00	28.07 -2.07 0.00	28.93 -2.13 0.00	26.65 -2.10 0.00	25.79 -2.32 0.00	25.43 -2.20 0.00	28.49 -2.83 0.09	29.02 -2.81 0.20	28.18 -2.69 0.00	26.49 -2.54 0.81	24.46 -2.75 4.99	26.45 -2.68 1.91	28.66 -2.90 1.47	28.91 -2.76 0.21	30.26 -2.81 0.17	34.72 -3.06 0.07	36.24 -3.23 2.90	41.99 -3.60 0.00	34.79 -2.55 0.00	34.83 -2.43 0.21	34.85 -2.06 0.00	30.46 -1.92 0.00	31.34 -1.52 0.00	29.14 -1.39 0.00
BLACK RIVER___HYD 24047	30.01 -1.27 0.00	29.10 -1.04 0.00	30.32 -0.74 0.00	28.51 -0.23 0.00	27.34 -0.77 0.00	26.88 -0.75 0.00	30.28 -1.12 0.00	31.03 -1.01 0.00	29.90 -0.98 0.00	28.99 -0.85 0.00	31.24 -0.96 0.00	29.94 -1.10 0.00	31.70 -1.32 0.00	30.75 -1.13 0.00	32.03 -1.21 0.00	36.47 -1.37 0.00	40.89 -1.48 0.00	44.16 -1.43 0.00	36.16 -1.18 0.00	36.46 -1.01 0.00	35.81 -1.10 0.00	31.36 -1.02 0.00	31.69 -1.17 0.00	29.47 -1.06 0.00
BLACKRVR_115KV_TB2 79977	30.01 -1.27 0.00	29.10 -1.04 0.00	30.32 -0.74 0.00	28.51 -0.23 0.00	27.34 -0.77 0.00	26.88 -0.75 0.00	30.28 -1.12 0.00	31.03 -1.00 0.00	29.90 -0.98 0.00	28.99 -0.85 0.00	31.23 -0.96 0.00	29.94 -1.10 0.00	31.70 -1.32 0.00	30.75 -1.13 0.00	32.03 -1.21 0.00	36.47 -1.37 0.00	40.89 -1.48 0.00	44.16 -1.43 0.00	36.16 -1.18 0.00	36.46 -1.01 0.00	35.81 -1.10 0.00	31.36 -1.02 0.00	31.69 -1.18 0.00	29.47 -1.06 0.00
BLDWN_LI_69_KV_BK4 356085	33.37 2.09 0.00	32.06 1.91 0.00	32.92 1.86 0.00	30.53 1.79 0.00	29.98 1.88 0.00	29.48 1.85 0.00	33.61 2.20 0.00	34.26 2.23 0.00	32.84 1.97 0.00	31.83 1.99 0.00	34.62 2.43 0.00	33.38 2.34 0.00	35.31 2.29 0.00	34.17 2.29 0.00	35.62 2.37 0.00	40.78 2.94 0.00	45.97 3.60 0.00	49.45 3.87 0.00	40.33 2.99 0.00	40.22 2.75 0.00	39.59 2.68 0.00	34.90 2.53 0.00	35.42 2.56 0.00	32.72 2.19 0.00
BLISS_WT_PWR 323608	28.86 -2.42 0.00	27.86 -2.29 0.00	28.71 -2.35 0.00	26.48 -2.26 0.00	25.58 -2.53 0.00	25.23 -2.40 0.00	28.24 -3.08 0.09	28.73 -3.11 0.20	27.87 -3.00 0.00	26.18 -2.86 0.81	24.12 -3.09 4.99	26.12 -3.02 1.91	28.28 -3.27 1.47	28.56 -3.11 0.21	29.90 -3.17 0.17	34.35 -3.42 0.07	35.85 -3.62 2.90	41.49 -4.10 0.00	34.45 -2.89 0.00	34.50 -2.76 0.21	34.56 -2.35 0.00	30.23 -2.15 0.00	31.12 -1.74 0.00	28.94 -1.58 0.00
BLUESTONE___WT_PWR 323821	30.54 -0.74 0.00	29.48 -0.66 0.00	30.40 -0.66 0.00	27.95 -0.79 0.00	27.53 -0.57 0.00	27.68 0.05 0.00	30.82 -0.62 -0.03	31.55 -0.56 -0.07	30.09 -0.78 0.00	29.38 -0.74 -0.28	33.01 -0.93 -1.75	30.79 -0.92 -0.67	32.44 -1.09 -0.51	30.99 -0.96 -0.07	32.22 -1.09 -0.06	37.02 -0.85 -0.03	42.72 -0.67 -1.02	44.79 -0.80 0.00	36.61 -0.73 0.00	36.82 -0.73 -0.07	36.13 -0.78 0.00	31.85 -0.53 0.00	32.73 -0.14 0.00	29.83 -0.70 0.00
BLUE_CIRC_CHEM_DRP 24182	32.33 1.05 0.00	31.16 1.01 0.00	32.08 1.02 0.00	29.72 0.97 0.00	29.12 1.01 0.00	28.62 0.98 0.00	32.59 1.18 0.00	33.26 1.23 0.00	32.01 1.14 0.00	30.91 1.06 0.00	33.34 1.15 0.00	32.11 1.07 0.00	34.19 1.17 0.00	33.01 1.14 0.00	34.50 1.25 0.00	39.29 1.44 0.00	44.00 1.63 0.00	47.21 1.62 0.00	38.67 1.33 0.00	38.76 1.29 0.00	38.23 1.32 0.00	33.60 1.22 0.00	34.15 1.28 0.00	31.70 1.18 0.00
BOC_GAS_DRP 24189	32.07 0.79 0.00	30.90 0.75 0.00	31.81 0.75 0.00	29.46 0.72 0.00	28.88 0.77 0.00	28.37 0.73 0.00	32.32 0.91 0.00	32.98 0.95 0.00	31.76 0.88 0.00	30.69 0.85 0.00	33.14 0.95 0.00	31.95 0.91 0.00	34.00 0.99 0.00	32.83 0.95 0.00	34.25 1.01 0.00	38.98 1.14 0.00	43.64 1.27 0.00	46.84 1.25 0.00	38.35 1.02 0.00	38.46 0.99 0.00	37.93 1.02 0.00	33.35 0.97 0.00	33.87 1.00 0.00	31.42 0.90 0.00
BOONVILLE_115KV_TB1 79983	31.13 -0.15 0.00	30.15 0.01 0.00	31.22 0.15 0.00	29.07 0.33 0.00	28.16 0.06 0.00	27.71 0.07 0.00	31.42 0.01 0.00	32.15 0.11 0.00	31.00 0.12 0.00	30.01 0.17 0.00	32.41 0.21 0.00	31.16 0.12 0.00	33.09 0.07 0.00	32.05 0.17 0.00	33.36 0.12 0.00	38.03 0.19 0.00	42.55 0.18 0.00	45.80 0.21 0.00	37.50 0.16 0.00	37.76 0.29 0.00	37.15 0.24 0.00	32.60 0.22 0.00	32.95 0.08 0.00	30.62 0.09 0.00
BORALEX_4TH_BRANCH 23824	33.04 1.76 0.00	31.81 1.67 0.00	32.73 1.67 0.00	30.32 1.58 0.00	29.70 1.60 0.00	29.23 1.59 0.00	33.42 2.01 0.00	34.10 2.07 0.00	32.78 1.91 0.00	31.59 1.75 0.00	34.12 1.92 0.00	32.95 1.91 0.00	35.18 2.16 0.00	33.92 2.04 0.00	35.43 2.18 0.00	40.27 2.43 0.00	45.01 2.64 0.00	48.32 2.74 0.00	39.56 2.23 0.00	39.62 2.16 0.00	39.06 2.15 0.00	34.37 1.99 0.00	34.93 2.07 0.00	32.45 1.92 0.00
BOWLINE___1 23526	32.76 1.48 0.00	31.50 1.36 0.00	32.40 1.34 0.00	30.05 1.31 0.00	29.48 1.37 0.00	28.95 1.32 0.00	33.04 1.63 0.00	33.72 1.69 0.00	32.45 1.58 0.00	31.38 1.53 0.00	33.94 1.75 0.00	32.68 1.64 0.00	34.77 1.75 0.00	33.64 1.77 0.00	35.10 1.85 0.00	40.03 2.19 0.00	44.97 2.59 0.00	48.37 2.78 0.00	39.53 2.19 0.00	39.52 2.05 0.00	38.98 2.07 0.00	34.22 1.84 0.00	34.71 1.84 0.00	32.07 1.54 0.00
BOWLINE___2 23595	32.75 1.47 0.00	31.48 1.34 0.00	32.39 1.34 0.00	30.04 1.30 0.00	29.47 1.36 0.00	28.94 1.31 0.00	33.03 1.62 0.00	33.71 1.67 0.00	32.44 1.57 0.00	31.37 1.53 0.00	33.93 1.74 0.00	32.67 1.63 0.00	34.76 1.74 0.00	33.64 1.76 0.00	35.09 1.85 0.00	40.02 2.18 0.00	44.95 2.58 0.00	48.36 2.77 0.00	39.52 2.18 0.00	39.50 2.03 0.00	38.97 2.06 0.00	34.20 1.82 0.00	34.69 1.83 0.00	32.06 1.53 0.00
BRADY___115KV_TB2 356060	31.70 0.42 0.00	30.63 0.48 0.00	31.64 0.58 0.00	29.20 0.46 0.00	28.48 0.38 0.00	27.99 0.36 0.00	31.88 0.47 0.00	32.60 0.57 0.00	31.44 0.56 0.00	30.21 0.37 0.00	32.59 0.40 0.00	31.37 0.33 0.00	33.37 0.35 0.00	32.19 0.32 0.00	33.47 0.22 0.00	38.13 0.28 0.00	42.56 0.19 0.00	45.97 0.37 0.00	37.66 0.32 0.00	37.83 0.36 0.00	37.13 0.22 0.00	32.47 0.10 0.00	32.91 0.04 0.00	30.63 0.11 0.00
BRANSCOMB___SOLAR 323811	33.04 1.76 0.00	31.80 1.66 0.00	32.73 1.66 0.00	30.31 1.56 0.00	29.69 1.58 0.00	29.23 1.60 0.00	33.43 2.02 0.00	34.13 2.09 0.00	32.86 1.98 0.00	31.69 1.85 0.00	34.27 2.08 0.00	33.00 1.96 0.00	35.22 2.20 0.00	34.00 2.13 0.00	35.52 2.27 0.00	40.42 2.57 0.00	45.24 2.87 0.00	48.62 3.03 0.00	39.78 2.44 0.00	39.87 2.40 0.00	39.30 2.39 0.00	34.51 2.14 0.00	35.04 2.18 0.00	32.50 1.97 0.00
BRDGHMPT_69_KV_BK1 55812	33.60 2.32 0.00	32.16 2.02 0.00	32.96 1.90 0.00	30.52 1.78 0.00	30.02 1.92 0.00	29.70 2.07 0.00	33.76 2.35 0.00	34.27 2.23 0.00	32.57 1.70 0.00	31.46 1.62 0.00	34.25 2.05 0.00	32.96 1.92 0.00	34.76 1.74 0.00	33.68 1.80 0.00	37.91 1.99 -2.68	40.69 2.84 0.00	46.20 3.83 0.00	49.92 4.34 0.00	44.74 3.33 -4.07	44.33 3.04 -3.82	43.45 2.85 -3.70	37.36 2.66 -2.32	36.38 2.53 -0.99	32.63 2.11 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	33.60 2.32 0.00	32.22 2.08 0.00	33.10 2.04 0.00	30.72 1.98 0.00	30.18 2.07 0.00	29.64 2.01 0.00	33.76 2.35 0.00	34.39 2.36 0.00	32.93 2.05 0.00	31.87 2.03 0.00	34.77 2.58 0.00	33.48 2.44 0.00	35.27 2.25 0.00	34.16 2.28 0.00	38.02 2.45 -2.33	40.93 3.09 0.00	46.35 3.98 0.00	49.90 4.31 0.00	44.29 3.41 -3.54	43.94 3.15 -3.32	43.18 3.06 -3.22	37.16 2.76 -2.02	36.45 2.73 -0.86	32.81 2.29 0.00
BRISTLHL_115KV_TB1 79998	30.37 -0.91 0.00	29.27 -0.87 0.00	30.15 -0.91 0.00	27.90 -0.84 0.00	27.28 -0.82 0.00	26.83 -0.81 0.00	30.37 -1.03 0.00	30.95 -1.09 0.00	29.85 -1.03 0.00	28.90 -0.94 0.00	31.17 -1.02 0.00	30.06 -0.98 0.00	31.93 -1.08 0.00	30.88 -0.99 0.00	32.21 -1.03 0.00	36.64 -1.20 0.00	41.07 -1.31 0.00	44.21 -1.38 0.00	36.22 -1.12 0.00	36.34 -1.13 0.00	35.81 -1.10 0.00	31.44 -0.94 0.00	31.91 -0.95 0.00	29.66 -0.86 0.00
BROOKHAVEN___DRP 24191	33.48 2.20 0.00	32.09 1.95 0.00	32.94 1.88 0.00	30.54 1.80 0.00	30.02 1.91 0.00	29.56 1.93 0.00	33.67 2.26 0.00	34.27 2.23 0.00	32.65 1.77 0.00	31.58 1.74 0.00	34.44 2.24 0.00	33.15 2.11 0.00	34.96 1.94 0.00	33.83 1.95 0.00	38.05 2.09 -2.72	40.64 2.80 0.00	46.04 3.66 0.00	49.64 4.06 0.00	44.57 3.10 -4.13	44.17 2.82 -3.88	43.35 2.68 -3.76	37.26 2.53 -2.35	36.33 2.46 -1.01	32.61 2.09 0.00
BROOKLYN_NAVY_YARD 23515	32.99 1.71 0.00	31.73 1.59 0.00	32.61 1.56 0.01	30.26 1.52 0.00	29.74 1.64 0.00	29.19 1.56 0.00	33.38 1.98 0.00	34.10 2.06 0.00	32.86 1.98 0.00	31.74 1.90 0.00	34.39 2.20 0.00	33.14 2.10 0.00	35.25 2.23 0.00	34.07 2.20 0.00	35.53 2.28 0.00	40.50 2.65 0.00	45.49 3.12 0.00	48.91 3.32 0.00	39.96 2.63 0.00	39.90 2.44 0.00	39.38 2.48 0.00	34.56 2.18 0.00	35.06 2.20 0.00	32.34 1.81 0.00
BROOKLYN___ARMY_DRP 323595	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
BROOME_2_LFGE 323671	30.88 -0.40 0.00	29.74 -0.40 0.00	30.62 -0.44 0.00	28.33 -0.41 0.00	27.65 -0.45 0.00	27.30 -0.34 0.00	30.99 -0.45 -0.03	31.66 -0.44 -0.07	30.47 -0.41 0.00	29.77 -0.34 -0.27	33.50 -0.38 -1.69	31.29 -0.40 -0.64	33.07 -0.44 -0.50	31.53 -0.41 -0.07	32.91 -0.40 -0.06	37.44 -0.42 -0.02	42.98 -0.38 -0.98	45.23 -0.36 0.00	37.04 -0.29 0.00	37.25 -0.28 -0.07	36.62 -0.29 0.00	32.09 -0.29 0.00	32.64 -0.22 0.00	30.30 -0.23 0.00
BROOME___LFGE 323600	30.88 -0.40 0.00	29.74 -0.40 0.00	30.62 -0.44 0.00	28.33 -0.41 0.00	27.65 -0.45 0.00	27.30 -0.34 0.00	30.99 -0.45 -0.03	31.66 -0.44 -0.07	30.47 -0.41 0.00	29.77 -0.34 -0.27	33.50 -0.38 -1.69	31.29 -0.40 -0.64	33.07 -0.44 -0.50	31.53 -0.41 -0.07	32.91 -0.40 -0.06	37.44 -0.42 -0.02	42.98 -0.38 -0.98	45.23 -0.36 0.00	37.04 -0.29 0.00	37.25 -0.28 -0.07	36.62 -0.29 0.00	32.09 -0.29 0.00	32.64 -0.22 0.00	30.30 -0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	30.36 -0.92 0.00	29.49 -0.65 0.00	30.64 -0.42 0.00	28.55 -0.19 0.00	27.54 -0.56 0.00	27.03 -0.61 0.00	30.58 -0.83 0.00	31.32 -0.72 0.00	30.19 -0.68 0.00	29.15 -0.70 0.00	31.44 -0.75 0.00	30.21 -0.84 0.00	32.07 -0.95 0.00	31.02 -0.85 0.00	32.17 -1.07 0.00	36.57 -1.28 0.00	40.77 -1.60 0.00	43.99 -1.60 0.00	36.04 -1.30 0.00	36.33 -1.14 0.00	35.66 -1.25 0.00	31.30 -1.08 0.00	31.67 -1.19 0.00	29.56 -0.97 0.00
BROWNSV1_27_KV_LOAD 356125	33.40 2.12 0.00	32.14 1.99 0.00	33.04 1.98 0.00	30.64 1.89 0.00	30.09 1.99 0.00	29.55 1.91 0.00	33.75 2.35 0.00	34.50 2.46 0.00	33.20 2.32 0.00	32.10 2.26 0.00	34.78 2.59 0.00	33.50 2.47 0.00	35.64 2.62 0.00	34.47 2.60 0.00	35.95 2.71 0.00	40.99 3.15 0.00	46.09 3.72 0.00	49.59 4.00 0.00	40.51 3.17 0.00	40.43 2.97 0.00	39.90 2.98 0.00	35.01 2.63 0.00	35.51 2.64 0.00	32.74 2.22 0.00
BURROWS___LYONSDAL 23803	30.77 -0.51 0.00	29.84 -0.30 0.00	30.96 -0.10 0.00	28.91 0.16 0.00	27.90 -0.21 0.00	27.44 -0.20 0.00	31.06 -0.35 0.00	31.81 -0.23 0.00	30.66 -0.22 0.00	29.68 -0.16 0.00	32.08 -0.11 0.00	30.80 -0.24 0.00	32.68 -0.33 0.00	31.69 -0.18 0.00	32.96 -0.28 0.00	37.56 -0.28 0.00	42.02 -0.35 0.00	45.25 -0.34 0.00	37.05 -0.29 0.00	37.37 -0.10 0.00	36.74 -0.17 0.00	32.25 -0.12 0.00	32.56 -0.30 0.00	30.30 -0.22 0.00
CAITHNESS_CC_1 323624	33.39 2.11 0.00	32.02 1.87 0.00	32.87 1.81 0.00	30.48 1.74 0.00	29.96 1.86 0.00	29.48 1.85 0.00	33.58 2.17 0.00	34.19 2.15 0.00	32.59 1.71 0.00	31.54 1.70 0.00	34.40 2.21 0.00	33.12 2.08 0.00	34.92 1.90 0.00	33.80 1.92 0.00	38.03 2.03 -2.76	40.54 2.70 0.00	45.90 3.53 0.00	49.48 3.89 0.00	44.49 2.96 -4.19	44.10 2.70 -3.93	43.30 2.58 -3.81	37.19 2.42 -2.39	36.25 2.36 -1.02	32.53 2.01 0.00
CALPINE BETH_PAGE_GT4 24209	33.25 1.97 0.00	31.93 1.78 0.00	32.79 1.73 0.00	30.41 1.67 0.00	29.88 1.77 0.00	29.37 1.73 0.00	33.47 2.06 0.00	34.11 2.08 0.00	32.71 1.83 0.00	31.70 1.86 0.00	34.49 2.30 0.00	33.22 2.18 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.26 2.02 0.00	40.39 2.55 0.00	45.60 3.23 0.00	49.06 3.48 0.00	39.99 2.65 0.00	39.89 2.42 0.00	39.26 2.35 0.00	34.57 2.20 0.00	35.10 2.24 0.00	32.53 2.00 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.25 1.97 0.00	31.92 1.78 0.00	32.80 1.74 0.00	30.41 1.67 0.00	29.88 1.77 0.00	29.37 1.74 0.00	33.46 2.05 0.00	34.11 2.08 0.00	32.71 1.83 0.00	31.70 1.86 0.00	34.49 2.30 0.00	33.22 2.18 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.26 2.02 0.00	40.39 2.55 0.00	45.60 3.23 0.00	49.06 3.47 0.00	39.99 2.65 0.00	39.88 2.42 0.00	39.26 2.35 0.00	34.57 2.20 0.00	35.10 2.24 0.00	32.53 2.00 0.00
CALPINE_BP_GT1 23823	33.25 1.97 0.00	31.92 1.78 0.00	32.80 1.74 0.00	30.41 1.67 0.00	29.88 1.77 0.00	29.37 1.74 0.00	33.46 2.05 0.00	34.11 2.08 0.00	32.71 1.83 0.00	31.70 1.86 0.00	34.49 2.30 0.00	33.22 2.18 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.26 2.02 0.00	40.39 2.55 0.00	45.60 3.23 0.00	49.06 3.47 0.00	39.99 2.65 0.00	39.88 2.42 0.00	39.26 2.35 0.00	34.57 2.20 0.00	35.10 2.24 0.00	32.53 2.00 0.00
CALSPAN___DRP 24200	29.51 -1.77 0.00	28.39 -1.75 0.00	29.21 -1.85 0.00	26.77 -1.98 0.00	26.03 -2.07 0.00	25.65 -1.98 0.00	28.69 -2.58 0.14	29.33 -2.38 0.33	28.74 -2.14 0.00	26.55 -1.95 1.35	21.80 -2.06 8.33	25.80 -2.06 3.18	28.36 -2.22 2.45	29.36 -2.17 0.36	30.77 -2.19 0.12	35.28 -2.44 0.12	34.87 -2.65 4.85	42.92 -2.67 0.00	35.33 -2.01 0.00	35.22 -1.90 0.35	35.33 -1.58 0.00	30.80 -1.58 0.00	31.66 -1.21 0.00	29.34 -1.18 0.00

CALVERTON___SOLAR 323806	33.54 2.26 0.00	32.15 2.01 0.00	33.00 1.94 0.00	30.59 1.85 0.00	30.07 1.96 0.00	29.62 1.99 0.00	33.74 2.33 0.00	34.34 2.30 0.00	32.69 1.81 0.00	31.60 1.76 0.00	34.45 2.26 0.00	33.15 2.12 0.00	34.96 1.94 0.00	33.85 1.98 0.00	38.08 2.13 -2.70	40.71 2.87 0.00	46.15 3.78 0.00	49.79 4.20 0.00	44.66 3.21 -4.11	44.26 2.94 -3.86	43.42 2.78 -3.74	37.35 2.63 -2.34	36.41 2.54 -1.00	32.68 2.15 0.00
CANDIGU_WT_PWR 323617	28.96 -2.32 0.00	27.94 -2.20 0.00	28.76 -2.30 0.00	26.51 -2.24 0.00	25.81 -2.30 0.00	25.48 -2.16 0.00	27.94 -2.62 0.85	27.52 -2.57 1.94	28.49 -2.38 0.01	19.63 -2.30 7.90	-19.29 -2.54 48.94	9.76 -2.58 18.70	15.85 -2.80 14.37	27.12 -2.67 2.09	28.86 -2.68 1.71	34.18 -2.96 0.70	10.73 -3.16 28.48	42.39 -3.19 0.01	34.80 -2.54 0.00	32.93 -2.46 2.08	34.54 -2.36 0.00	30.17 -2.21 0.00	30.86 -2.01 0.00	28.79 -1.74 0.00
CARR STREET_E_SYR 24060	30.73 -0.55 0.00	29.61 -0.53 0.00	30.50 -0.56 0.00	28.22 -0.52 0.00	27.58 -0.53 0.00	27.14 -0.49 0.00	30.74 -0.66 0.00	31.34 -0.69 0.00	30.23 -0.65 0.00	29.27 -0.57 0.00	31.57 -0.62 0.00	30.45 -0.59 0.00	32.36 -0.66 0.00	31.27 -0.60 0.00	32.62 -0.63 0.00	37.14 -0.71 0.00	41.64 -0.74 0.00	44.81 -0.78 0.00	36.70 -0.64 0.00	36.82 -0.65 0.00	36.30 -0.61 0.00	31.84 -0.54 0.00	32.33 -0.53 0.00	30.04 -0.48 0.00
CARTHAGE___PAPER 23857	30.24 -1.04 0.00	29.37 -0.77 0.00	30.61 -0.45 0.00	28.73 -0.01 0.00	27.53 -0.57 0.00	27.07 -0.56 0.00	30.54 -0.87 0.00	31.31 -0.73 0.00	30.17 -0.71 0.00	29.21 -0.63 0.00	31.51 -0.69 0.00	30.21 -0.83 0.00	32.01 -1.02 0.00	31.05 -0.83 0.00	32.29 -0.95 0.00	36.77 -1.07 0.00	41.16 -1.21 0.00	44.44 -1.15 0.00	36.39 -0.95 0.00	36.72 -0.74 0.00	36.06 -0.85 0.00	31.63 -0.75 0.00	31.93 -0.93 0.00	29.73 -0.80 0.00
CASSADAGA_WT_PWR 323784	28.41 -2.87 0.00	27.26 -2.89 0.00	28.01 -3.05 0.00	25.70 -3.05 0.00	25.07 -3.03 0.00	24.82 -2.82 0.00	27.90 -3.41 0.10	28.61 -3.19 0.23	27.73 -3.14 0.00	25.92 -2.97 0.95	22.82 -3.47 5.91	25.40 -3.39 2.26	27.60 -3.68 1.74	28.04 -3.58 0.25	29.67 -3.37 0.21	34.22 -3.54 0.08	34.81 -4.12 3.44	41.34 -4.25 0.00	33.99 -3.35 0.00	33.89 -3.32 0.25	33.74 -3.17 0.00	29.60 -2.77 0.00	30.45 -2.41 0.00	28.51 -2.01 0.00
CE_DUNWOOD___DRP 24194	32.94 1.66 0.00	31.68 1.55 0.00	32.58 1.52 0.00	30.22 1.48 0.00	29.65 1.55 0.00	29.12 1.49 0.00	33.25 1.84 0.00	33.94 1.90 0.00	32.67 1.79 0.00	31.59 1.75 0.00	34.20 2.01 0.00	32.94 1.90 0.00	35.04 2.02 0.00	33.89 2.02 0.00	35.36 2.11 0.00	40.31 2.47 0.00	45.29 2.92 0.00	48.69 3.10 0.00	39.80 2.46 0.00	39.77 2.31 0.00	39.24 2.33 0.00	34.45 2.07 0.00	34.95 2.09 0.00	32.28 1.75 0.00
CE_MILLWOOD___DRP 24193	32.88 1.61 0.00	31.63 1.49 0.00	32.53 1.47 0.00	30.17 1.43 0.00	29.60 1.49 0.00	29.07 1.44 0.00	33.18 1.77 0.00	33.87 1.84 0.00	32.61 1.73 0.00	31.52 1.68 0.00	34.12 1.93 0.00	32.86 1.82 0.00	34.96 1.94 0.00	33.82 1.94 0.00	35.28 2.04 0.00	40.22 2.37 0.00	45.18 2.81 0.00	48.59 3.00 0.00	39.71 2.37 0.00	39.69 2.22 0.00	39.16 2.25 0.00	34.37 2.00 0.00	34.87 2.00 0.00	32.21 1.69 0.00
CE_NYC2_DRP 24202	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.95 1.84 0.00	29.38 1.74 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.12 0.00	31.90 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.41 2.38 0.00	34.25 2.37 0.00	35.72 2.47 0.00	40.70 2.86 0.00	45.75 3.38 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.70 0.00	34.77 2.39 0.00	35.26 2.40 0.00	32.51 1.98 0.00
CE_NYC_DRP 24195	33.12 1.84 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.65 0.00	29.84 1.74 0.00	29.30 1.67 0.00	33.46 2.05 0.00	34.19 2.15 0.00	32.91 2.03 0.00	31.82 1.98 0.00	34.46 2.27 0.00	33.21 2.17 0.00	35.32 2.30 0.00	34.16 2.28 0.00	35.62 2.38 0.00	40.61 2.77 0.00	45.64 3.27 0.00	49.09 3.51 0.00	40.11 2.77 0.00	40.04 2.58 0.00	39.50 2.59 0.00	34.67 2.30 0.00	35.17 2.30 0.00	32.43 1.90 0.00
CHAFFEE___LFGE 323603	29.70 -1.58 0.00	28.56 -1.58 0.00	29.38 -1.68 0.00	26.94 -1.80 0.00	26.21 -1.90 0.00	25.83 -1.80 0.00	28.95 -2.35 0.11	29.62 -2.15 0.26	28.97 -1.90 0.00	27.06 -1.71 1.07	23.78 -1.77 6.64	26.71 -1.79 2.54	29.14 -1.92 1.95	29.73 -1.86 0.28	31.14 -1.88 0.23	35.64 -2.10 0.10	36.24 -2.27 3.86	43.33 -2.26 0.00	35.66 -1.68 0.00	35.60 -1.59 0.28	35.62 -1.28 0.00	31.05 -1.33 0.00	31.89 -0.98 0.00	29.54 -0.99 0.00
CHATEAUG_35_KV_LOAD 355732	31.12 -0.16 0.00	29.99 -0.15 0.00	31.08 0.02 0.00	28.62 -0.12 0.00	27.91 -0.20 0.00	27.49 -0.14 0.00	31.43 0.03 0.00	32.04 0.00 0.00	30.92 0.04 0.00	29.69 -0.15 0.00	31.88 -0.32 0.00	30.74 -0.30 0.00	32.72 -0.30 0.00	31.41 -0.47 0.00	32.67 -0.57 0.00	37.21 -0.63 0.00	41.51 -0.86 0.00	44.82 -0.77 0.00	36.67 -0.66 0.00	36.86 -0.61 0.00	36.22 -0.69 0.00	31.65 -0.73 0.00	32.03 -0.84 0.00	29.83 -0.69 0.00
CHATEAUG_WT_PWR 323614	31.09 -0.20 0.00	29.96 -0.18 0.00	31.04 -0.02 0.00	28.61 -0.13 0.00	27.88 -0.23 0.00	27.46 -0.17 0.00	31.39 -0.02 0.00	31.99 -0.05 0.00	30.86 -0.02 0.00	29.65 -0.19 0.00	31.87 -0.32 0.00	30.72 -0.32 0.00	32.71 -0.30 0.00	31.41 -0.47 0.00	32.71 -0.54 0.00	37.19 -0.65 0.00	41.47 -0.90 0.00	44.74 -0.85 0.00	36.61 -0.73 0.00	36.79 -0.68 0.00	36.15 -0.76 0.00	31.61 -0.77 0.00	32.02 -0.85 0.00	29.82 -0.70 0.00
CHAT_HIGH_FALL_HYD 323578	31.12 -0.16 0.00	29.99 -0.15 0.00	31.08 0.02 0.00	28.62 -0.12 0.00	27.91 -0.20 0.00	27.49 -0.14 0.00	31.43 0.03 0.00	32.04 0.00 0.00	30.92 0.04 0.00	29.69 -0.15 0.00	31.88 -0.32 0.00	30.74 -0.30 0.00	32.72 -0.30 0.00	31.41 -0.47 0.00	32.67 -0.57 0.00	37.21 -0.63 0.00	41.51 -0.86 0.00	44.82 -0.77 0.00	36.67 -0.66 0.00	36.86 -0.61 0.00	36.22 -0.69 0.00	31.65 -0.73 0.00	32.03 -0.84 0.00	29.83 -0.69 0.00
CHAUTAUQUA___LFGE 323629	28.97 -2.31 0.00	27.84 -2.30 0.00	28.61 -2.45 0.00	26.26 -2.48 0.00	25.54 -2.56 0.00	25.27 -2.36 0.00	28.34 -2.94 0.13	28.97 -2.77 0.30	28.24 -2.63 0.00	26.22 -2.41 1.21	21.95 -2.73 7.51	25.49 -2.68 2.87	27.89 -2.92 2.21	28.74 -2.82 0.32	30.24 -2.74 0.26	34.71 -3.02 0.11	34.66 -3.35 4.37	42.23 -3.36 0.00	34.71 -2.63 0.00	34.58 -2.57 0.32	34.52 -2.39 0.00	30.19 -2.19 0.00	31.02 -1.85 0.00	28.90 -1.62 0.00
CHERRYST_13_KV_LD 356241	33.19 1.91 0.00	31.93 1.79 0.00	32.84 1.77 0.00	30.46 1.72 0.00	29.91 1.81 0.00	29.37 1.74 0.00	33.56 2.15 0.00	34.29 2.25 0.00	33.01 2.13 0.00	31.91 2.07 0.00	34.56 2.37 0.00	33.31 2.26 0.00	35.42 2.40 0.00	34.26 2.38 0.00	35.73 2.48 0.00	40.74 2.89 0.00	45.78 3.41 0.00	49.23 3.65 0.00	40.22 2.88 0.00	40.15 2.69 0.00	39.61 2.70 0.00	34.76 2.38 0.00	35.26 2.39 0.00	32.51 1.99 0.00

CHESTROR_138KV_BK263 355645	32.59 1.31 0.00	31.35 1.21 0.00	32.25 1.19 0.00	29.91 1.17 0.00	29.32 1.22 0.00	28.81 1.18 0.00	32.86 1.45 0.00	33.52 1.49 0.00	32.28 1.40 0.00	31.19 1.35 0.00	33.71 1.52 0.00	32.48 1.44 0.00	34.54 1.51 0.00	33.41 1.53 0.00	34.86 1.62 0.00	39.76 1.91 0.00	44.67 2.30 0.00	48.04 2.46 0.00	39.28 1.95 0.00	39.29 1.83 0.00	38.76 1.85 0.00	34.02 1.65 0.00	34.51 1.65 0.00	31.91 1.39 0.00
CH_MIDHUDSON___DRP 24192	32.91 1.63 0.00	31.66 1.52 0.00	32.57 1.50 0.00	30.19 1.45 0.00	29.60 1.50 0.00	29.08 1.45 0.00	33.18 1.77 0.00	33.88 1.84 0.00	32.63 1.75 0.00	31.54 1.70 0.00	34.14 1.95 0.00	32.89 1.85 0.00	34.98 1.96 0.00	33.82 1.95 0.00	35.29 2.05 0.00	40.21 2.37 0.00	45.15 2.78 0.00	48.51 2.92 0.00	39.68 2.35 0.00	39.70 2.23 0.00	39.16 2.26 0.00	34.39 2.02 0.00	34.88 2.02 0.00	32.26 1.73 0.00
CH_MISC_IPPS 23765	33.04 1.76 0.00	31.78 1.64 0.00	32.68 1.63 0.00	30.31 1.57 0.00	29.72 1.62 0.00	29.21 1.57 0.00	33.33 1.92 0.00	34.03 2.00 0.00	32.76 1.89 0.00	31.66 1.82 0.00	34.28 2.09 0.00	33.03 1.99 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.45 2.20 0.00	40.42 2.58 0.00	45.40 3.04 0.00	48.82 3.23 0.00	39.92 2.59 0.00	39.93 2.46 0.00	39.38 2.48 0.00	34.58 2.20 0.00	35.05 2.19 0.00	32.40 1.88 0.00
CH_RES_BVR_FALLS 23983	31.25 -0.03 0.00	30.11 -0.03 0.00	31.05 -0.01 0.00	28.72 -0.03 0.00	28.08 -0.03 0.00	27.61 -0.03 0.00	31.38 -0.03 0.00	32.00 -0.03 0.00	30.85 -0.02 0.00	29.81 -0.03 0.00	32.16 -0.03 0.00	31.01 -0.03 0.00	32.99 -0.03 0.00	31.83 -0.05 0.00	33.19 -0.06 0.00	37.77 -0.07 0.00	42.29 -0.09 0.00	45.50 -0.09 0.00	37.26 -0.08 0.00	37.39 -0.07 0.00	36.84 -0.07 0.00	32.31 -0.06 0.00	32.80 -0.07 0.00	30.46 -0.06 0.00
CH_RES_NIAGARA 23895	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
CH_RES_SYRACUSE 23985	30.90 -0.38 0.00	29.77 -0.38 0.00	30.66 -0.40 0.00	28.39 -0.36 0.00	27.73 -0.38 0.00	27.30 -0.33 0.00	30.94 -0.47 0.00	31.53 -0.50 0.00	30.42 -0.46 0.00	29.44 -0.41 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.50 0.00	31.46 -0.41 0.00	32.82 -0.43 0.00	37.36 -0.48 0.00	41.88 -0.49 0.00	45.11 -0.48 0.00	36.95 -0.39 0.00	37.06 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.52 -0.35 0.00	30.22 -0.31 0.00
CLINTON_WT_PWR 323605	31.09 -0.20 0.00	29.96 -0.18 0.00	31.04 -0.02 0.00	28.61 -0.13 0.00	27.88 -0.23 0.00	27.46 -0.17 0.00	31.39 -0.02 0.00	31.99 -0.05 0.00	30.86 -0.02 0.00	29.65 -0.19 0.00	31.87 -0.32 0.00	30.72 -0.32 0.00	32.71 -0.30 0.00	31.41 -0.47 0.00	32.71 -0.54 0.00	37.19 -0.65 0.00	41.47 -0.90 0.00	44.74 -0.85 0.00	36.61 -0.73 0.00	36.79 -0.68 0.00	36.15 -0.76 0.00	31.61 -0.77 0.00	32.02 -0.85 0.00	29.82 -0.70 0.00
CLINTON___LFGE 323618	31.55 0.27 0.00	30.37 0.23 0.00	31.49 0.43 0.00	29.07 0.33 0.00	28.29 0.18 0.00	27.91 0.28 0.00	31.93 0.53 0.00	32.56 0.52 0.00	31.43 0.56 0.00	30.21 0.37 0.00	32.45 0.26 0.00	31.27 0.23 0.00	33.31 0.29 0.00	31.95 0.08 0.00	33.33 0.08 0.00	37.90 0.06 0.00	42.29 -0.08 0.00	45.62 0.03 0.00	37.32 -0.02 0.00	37.48 0.02 0.00	36.85 -0.06 0.00	32.19 -0.18 0.00	32.58 -0.28 0.00	30.33 -0.19 0.00
COBBLENY_34_KV_TB1 80064	29.70 -1.58 0.00	28.56 -1.58 0.00	29.40 -1.66 0.00	26.94 -1.80 0.00	26.21 -1.90 0.00	25.83 -1.80 0.00	28.95 -2.35 0.11	29.62 -2.15 0.26	28.97 -1.90 0.00	27.05 -1.72 1.07	23.75 -1.80 6.64	26.70 -1.81 2.54	29.14 -1.92 1.95	29.73 -1.86 0.28	31.14 -1.87 0.23	35.64 -2.11 0.10	36.23 -2.28 3.86	43.33 -2.26 0.00	35.65 -1.68 0.00	35.61 -1.58 0.28	35.63 -1.28 0.00	31.05 -1.33 0.00	31.89 -0.97 0.00	29.54 -0.99 0.00
COFFEEN___115KV_TB3 355620	30.11 -1.17 0.00	29.19 -0.95 0.00	30.39 -0.67 0.00	28.55 -0.19 0.00	27.41 -0.70 0.00	26.96 -0.67 0.00	30.39 -1.02 0.00	31.16 -0.88 0.00	30.01 -0.87 0.00	29.10 -0.74 0.00	31.35 -0.84 0.00	30.07 -0.98 0.00	31.83 -1.19 0.00	30.88 -0.99 0.00	32.19 -1.05 0.00	36.63 -1.21 0.00	41.08 -1.29 0.00	44.38 -1.21 0.00	36.34 -1.00 0.00	36.62 -0.85 0.00	35.97 -0.94 0.00	31.49 -0.89 0.00	31.82 -1.05 0.00	29.57 -0.96 0.00
COLDSPRG_115KV_BK1 355956	29.59 -1.69 0.00	28.41 -1.74 0.00	29.16 -1.90 0.00	26.77 -1.97 0.00	26.08 -2.03 0.00	25.80 -1.84 0.00	29.09 -2.26 0.06	29.94 -1.97 0.13	28.91 -1.96 0.00	27.58 -1.71 0.55	26.77 -2.04 3.39	27.82 -1.92 1.30	29.83 -2.20 0.99	29.60 -2.13 0.14	31.16 -1.97 0.12	35.63 -2.17 0.05	38.06 -2.34 1.97	43.32 -2.26 0.00	35.61 -1.73 0.00	35.52 -1.80 0.14	35.20 -1.70 0.00	30.75 -1.62 0.00	31.59 -1.28 0.00	29.52 -1.00 0.00
COLONIE_LFGE___ 323577	32.55 1.27 0.00	31.34 1.20 0.00	32.26 1.20 0.00	29.87 1.13 0.00	29.28 1.17 0.00	28.79 1.15 0.00	32.88 1.47 0.00	33.55 1.52 0.00	32.31 1.43 0.00	31.18 1.34 0.00	33.68 1.49 0.00	32.48 1.44 0.00	34.63 1.62 0.00	33.42 1.54 0.00	34.89 1.64 0.00	39.68 1.84 0.00	44.40 2.03 0.00	47.66 2.07 0.00	39.02 1.68 0.00	39.11 1.64 0.00	38.56 1.65 0.00	33.90 1.52 0.00	34.44 1.57 0.00	31.95 1.43 0.00
COOPERNY_115KV_TB1 80082	32.21 0.93 0.00	31.00 0.85 0.00	31.89 0.83 0.00	29.57 0.82 0.00	28.97 0.87 0.00	28.48 0.85 0.00	32.43 1.03 0.00	33.10 1.06 0.00	31.88 1.00 0.00	30.82 0.98 0.00	33.29 1.09 0.00	32.06 1.02 0.00	34.09 1.07 0.00	32.95 1.07 0.00	34.37 1.13 0.00	39.19 1.35 0.00	44.01 1.64 0.00	47.32 1.74 0.00	38.71 1.38 0.00	38.76 1.30 0.00	38.22 1.32 0.00	33.56 1.19 0.00	34.05 1.19 0.00	31.52 0.99 0.00
COPENHAGEN_WT_PWR 323753	29.71 -1.57 0.00	28.81 -1.33 0.00	30.06 -1.00 0.00	28.33 -0.41 0.00	27.13 -0.98 0.00	26.65 -0.98 0.00	29.95 -1.46 0.00	30.66 -1.38 0.00	29.55 -1.33 0.00	28.69 -1.15 0.00	30.88 -1.31 0.00	29.60 -1.44 0.00	31.31 -1.71 0.00	30.38 -1.49 0.00	31.63 -1.62 0.00	36.01 -1.84 0.00	40.35 -2.02 0.00	43.59 -2.00 0.00	35.70 -1.64 0.00	35.99 -1.48 0.00	35.37 -1.54 0.00	30.95 -1.43 0.00	31.30 -1.57 0.00	29.12 -1.41 0.00
CORNELL_____ 23752	31.30 0.02 0.00	30.16 0.02 0.00	31.06 0.01 0.00	28.74 0.00 0.00	28.06 -0.04 0.00	27.71 0.08 0.00	31.50 0.02 -0.08	32.28 0.07 -0.18	30.95 0.07 0.00	30.67 0.11 -0.72	36.72 0.06 -4.46	32.73 -0.02 -1.70	34.21 -0.10 -1.29	31.98 -0.08 -0.19	33.40 -0.01 -0.16	38.05 0.14 -0.06	45.32 0.35 -2.59	46.06 0.47 0.00	37.73 0.39 0.00	38.04 0.38 -0.19	37.27 0.36 0.00	32.64 0.27 0.00	33.16 0.30 0.00	30.77 0.24 0.00

CORONA V_69_KV_TB1 355595	33.39 2.11 0.00	32.07 1.92 0.00	32.95 1.89 0.00	30.55 1.81 0.00	30.00 1.90 0.00	29.49 1.85 0.00	33.62 2.22 0.00	34.29 2.26 0.00	32.90 2.02 0.00	31.88 2.03 0.00	34.67 2.48 0.00	33.41 2.37 0.00	35.38 2.36 0.00	34.25 2.38 0.00	35.72 2.47 0.00	40.88 3.04 0.00	46.14 3.77 0.00	49.58 4.00 0.00	40.44 3.10 0.00	40.34 2.87 0.00	39.72 2.82 0.00	34.94 2.57 0.00	35.44 2.58 0.00	32.73 2.21 0.00
CORTLAND_115KV_TB3 80093	31.18 -0.10 0.00	30.05 -0.09 0.00	30.95 -0.11 0.00	28.65 -0.09 0.00	27.99 -0.11 0.00	27.60 -0.04 0.00	31.33 -0.10 -0.03	32.01 -0.08 -0.06	30.80 -0.08 0.00	30.06 -0.02 -0.24	33.67 -0.04 -1.51	31.55 -0.06 -0.58	33.34 -0.12 -0.44	31.86 -0.08 -0.06	33.25 -0.05 -0.05	37.87 0.00 -0.02	43.36 0.10 -0.88	45.74 0.15 0.00	37.45 0.11 0.00	37.64 0.10 -0.06	37.00 0.09 0.00	32.43 0.06 0.00	32.94 0.07 0.00	30.58 0.05 0.00
COXSACKIE___GT 23611	33.49 2.21 0.00	32.25 2.11 0.00	33.20 2.14 0.00	30.74 2.00 0.00	30.14 2.04 0.00	29.70 2.06 0.00	33.91 2.50 0.00	34.78 2.74 0.00	33.47 2.59 0.00	32.19 2.35 0.00	34.81 2.61 0.00	33.07 2.03 0.00	35.17 2.15 0.00	33.90 2.02 0.00	35.79 2.54 0.00	40.97 3.13 0.00	46.30 3.93 0.00	49.86 4.28 0.00	40.84 3.50 0.00	40.85 3.38 0.00	40.21 3.30 0.00	35.27 2.90 0.00	35.75 2.89 0.00	33.13 2.61 0.00
CPV_VALLEY___CC1 323721	32.37 1.09 0.00	31.14 1.00 0.00	32.03 0.97 0.00	29.72 0.98 0.00	29.14 1.03 0.00	28.64 1.00 0.00	32.62 1.21 0.00	33.27 1.24 0.00	32.05 1.18 0.00	31.00 1.16 0.00	33.47 1.28 0.00	32.25 1.21 0.00	34.28 1.26 0.00	33.16 1.29 0.00	34.59 1.35 0.00	39.44 1.60 0.00	44.28 1.91 0.00	47.63 2.04 0.00	38.94 1.60 0.00	38.96 1.49 0.00	38.42 1.52 0.00	33.73 1.36 0.00	34.23 1.36 0.00	31.68 1.15 0.00
CPV_VALLEY___CC2 323722	32.37 1.09 0.00	31.14 1.00 0.00	32.03 0.97 0.00	29.72 0.98 0.00	29.14 1.03 0.00	28.64 1.00 0.00	32.62 1.21 0.00	33.27 1.24 0.00	32.05 1.18 0.00	31.00 1.16 0.00	33.47 1.28 0.00	32.25 1.21 0.00	34.28 1.26 0.00	33.16 1.29 0.00	34.59 1.35 0.00	39.44 1.60 0.00	44.28 1.91 0.00	47.63 2.04 0.00	38.94 1.60 0.00	38.96 1.49 0.00	38.42 1.52 0.00	33.73 1.36 0.00	34.23 1.36 0.00	31.68 1.15 0.00
CRESCENT___HYD 24018	32.55 1.27 0.00	31.34 1.20 0.00	32.26 1.20 0.00	29.87 1.13 0.00	29.28 1.17 0.00	28.79 1.15 0.00	32.88 1.47 0.00	33.55 1.52 0.00	32.31 1.43 0.00	31.18 1.34 0.00	33.68 1.49 0.00	32.48 1.44 0.00	34.63 1.62 0.00	33.42 1.54 0.00	34.89 1.64 0.00	39.68 1.84 0.00	44.40 2.03 0.00	47.66 2.07 0.00	39.02 1.68 0.00	39.11 1.64 0.00	38.56 1.65 0.00	33.90 1.52 0.00	34.44 1.57 0.00	31.95 1.43 0.00
CRICKET___VALLEY_CC1 323756	32.69 1.41 0.00	31.46 1.32 0.00	32.35 1.29 0.00	30.00 1.25 0.00	29.41 1.31 0.00	28.86 1.23 0.00	32.90 1.49 0.00	33.57 1.54 0.00	32.39 1.51 0.00	31.31 1.47 0.00	33.88 1.68 0.00	32.61 1.57 0.00	34.73 1.71 0.00	33.58 1.71 0.00	35.04 1.79 0.00	39.87 2.03 0.00	44.66 2.29 0.00	47.91 2.32 0.00	39.20 1.87 0.00	39.27 1.80 0.00	38.76 1.85 0.00	34.07 1.69 0.00	34.57 1.70 0.00	31.99 1.47 0.00
CRICKET___VALLEY_CC2 323757	32.69 1.41 0.00	31.46 1.32 0.00	32.35 1.29 0.00	30.00 1.25 0.00	29.41 1.31 0.00	28.86 1.23 0.00	32.90 1.49 0.00	33.57 1.54 0.00	32.39 1.51 0.00	31.31 1.47 0.00	33.88 1.68 0.00	32.61 1.57 0.00	34.73 1.71 0.00	33.58 1.71 0.00	35.04 1.79 0.00	39.87 2.03 0.00	44.66 2.29 0.00	47.91 2.32 0.00	39.20 1.87 0.00	39.27 1.80 0.00	38.76 1.85 0.00	34.07 1.69 0.00	34.57 1.70 0.00	31.99 1.47 0.00
CRICKET___VALLEY_CC3 323758	32.69 1.41 0.00	31.46 1.32 0.00	32.35 1.29 0.00	30.00 1.25 0.00	29.41 1.31 0.00	28.86 1.23 0.00	32.90 1.49 0.00	33.57 1.54 0.00	32.39 1.51 0.00	31.31 1.47 0.00	33.88 1.68 0.00	32.61 1.57 0.00	34.73 1.71 0.00	33.58 1.71 0.00	35.04 1.79 0.00	39.87 2.03 0.00	44.66 2.29 0.00	47.91 2.32 0.00	39.20 1.87 0.00	39.27 1.80 0.00	38.76 1.85 0.00	34.07 1.69 0.00	34.57 1.70 0.00	31.99 1.47 0.00
CRUCIBLE_METL_DRP 24180	30.90 -0.38 0.00	29.77 -0.38 0.00	30.67 -0.39 0.00	28.39 -0.36 0.00	27.73 -0.38 0.00	27.30 -0.33 0.00	30.94 -0.47 0.00	31.53 -0.50 0.00	30.41 -0.46 0.00	29.44 -0.41 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.50 0.00	31.46 -0.41 0.00	32.82 -0.43 0.00	37.36 -0.48 0.00	41.88 -0.49 0.00	45.11 -0.48 0.00	36.95 -0.39 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.52 -0.35 0.00	30.22 -0.31 0.00
DAHOWA___HYDRO 323763	33.21 1.93 0.00	31.96 1.82 0.00	32.88 1.82 0.00	30.45 1.71 0.00	29.82 1.72 0.00	29.39 1.76 0.00	33.62 2.21 0.00	34.34 2.31 0.00	33.06 2.18 0.00	31.88 2.04 0.00	34.49 2.30 0.00	33.22 2.18 0.00	35.46 2.44 0.00	34.21 2.34 0.00	35.76 2.51 0.00	40.67 2.83 0.00	45.55 3.18 0.00	48.94 3.36 0.00	40.04 2.70 0.00	40.14 2.67 0.00	39.56 2.66 0.00	34.73 2.36 0.00	35.26 2.40 0.00	32.70 2.18 0.00
DANC___LFGE 323619	30.04 -1.24 0.00	29.05 -1.10 0.00	30.15 -0.92 0.00	28.22 -0.53 0.00	27.24 -0.87 0.00	26.75 -0.88 0.00	30.13 -1.28 0.00	30.80 -1.23 0.00	29.69 -1.19 0.00	28.80 -1.04 0.00	31.05 -1.14 0.00	29.85 -1.19 0.00	31.63 -1.39 0.00	30.64 -1.23 0.00	31.93 -1.32 0.00	36.32 -1.52 0.00	40.69 -1.68 0.00	43.89 -1.70 0.00	35.95 -1.39 0.00	36.17 -1.30 0.00	35.59 -1.32 0.00	31.17 -1.21 0.00	31.60 -1.26 0.00	29.40 -1.12 0.00
DANSKAMMER___1 23586	33.04 1.76 0.00	31.78 1.64 0.00	32.68 1.63 0.00	30.31 1.57 0.00	29.72 1.62 0.00	29.21 1.57 0.00	33.33 1.92 0.00	34.03 2.00 0.00	32.76 1.89 0.00	31.66 1.82 0.00	34.28 2.09 0.00	33.03 1.99 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.45 2.20 0.00	40.42 2.58 0.00	45.40 3.04 0.00	48.82 3.23 0.00	39.92 2.59 0.00	39.93 2.46 0.00	39.38 2.48 0.00	34.58 2.20 0.00	35.05 2.19 0.00	32.40 1.88 0.00
DANSKAMMER___2 23589	33.04 1.76 0.00	31.78 1.64 0.00	32.68 1.63 0.00	30.31 1.57 0.00	29.72 1.62 0.00	29.21 1.57 0.00	33.33 1.92 0.00	34.03 2.00 0.00	32.76 1.89 0.00	31.66 1.82 0.00	34.28 2.09 0.00	33.03 1.99 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.45 2.20 0.00	40.42 2.58 0.00	45.40 3.04 0.00	48.82 3.23 0.00	39.92 2.59 0.00	39.93 2.46 0.00	39.38 2.48 0.00	34.58 2.20 0.00	35.05 2.19 0.00	32.40 1.88 0.00
DANSKAMMER___3 23590	33.04 1.76 0.00	31.78 1.64 0.00	32.68 1.63 0.00	30.31 1.57 0.00	29.72 1.62 0.00	29.21 1.57 0.00	33.33 1.92 0.00	34.03 2.00 0.00	32.76 1.89 0.00	31.66 1.82 0.00	34.28 2.09 0.00	33.03 1.99 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.45 2.20 0.00	40.42 2.58 0.00	45.40 3.04 0.00	48.82 3.23 0.00	39.92 2.59 0.00	39.93 2.46 0.00	39.38 2.48 0.00	34.58 2.20 0.00	35.05 2.19 0.00	32.40 1.88 0.00

DANSKAMMER___4 23591	33.04 1.76 0.00	31.78 1.64 0.00	32.68 1.63 0.00	30.31 1.57 0.00	29.72 1.62 0.00	29.21 1.57 0.00	33.33 1.92 0.00	34.03 2.00 0.00	32.76 1.89 0.00	31.66 1.82 0.00	34.28 2.09 0.00	33.03 1.99 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.45 2.20 0.00	40.42 2.58 0.00	45.40 3.04 0.00	48.82 3.23 0.00	39.92 2.59 0.00	39.93 2.46 0.00	39.38 2.48 0.00	34.58 2.20 0.00	35.05 2.19 0.00	32.40 1.88 0.00
DANSKAMMER___DIESEL 23592	33.04 1.76 0.00	31.78 1.64 0.00	32.68 1.63 0.00	30.31 1.57 0.00	29.73 1.62 0.00	29.21 1.57 0.00	33.33 1.92 0.00	34.03 2.00 0.00	32.76 1.89 0.00	31.66 1.82 0.00	34.28 2.09 0.00	33.03 1.99 0.00	35.12 2.10 0.00	33.96 2.08 0.00	35.45 2.20 0.00	40.42 2.58 0.00	45.41 3.04 0.00	48.82 3.23 0.00	39.93 2.59 0.00	39.93 2.47 0.00	39.38 2.48 0.00	34.58 2.20 0.00	35.06 2.19 0.00	32.40 1.88 0.00
DARBY___SOLAR 323810	33.07 1.79 0.00	31.83 1.69 0.00	32.75 1.69 0.00	30.33 1.59 0.00	29.71 1.60 0.00	29.26 1.63 0.00	33.46 2.05 0.00	34.17 2.14 0.00	32.89 2.02 0.00	31.73 1.89 0.00	34.32 2.12 0.00	33.05 2.01 0.00	35.27 2.24 0.00	34.04 2.17 0.00	35.56 2.31 0.00	40.45 2.61 0.00	45.28 2.91 0.00	48.67 3.08 0.00	39.81 2.48 0.00	39.91 2.44 0.00	39.34 2.43 0.00	34.54 2.17 0.00	35.08 2.22 0.00	32.53 2.01 0.00
DASHVILLE___HYD 23610	32.69 1.41 0.00	31.45 1.31 0.00	32.35 1.29 0.00	29.99 1.25 0.00	29.41 1.30 0.00	28.89 1.25 0.00	32.96 1.55 0.00	33.65 1.62 0.00	32.41 1.53 0.00	31.34 1.50 0.00	33.95 1.76 0.00	32.72 1.68 0.00	34.76 1.74 0.00	33.55 1.68 0.00	34.99 1.74 0.00	39.91 2.07 0.00	44.84 2.47 0.00	48.22 2.63 0.00	39.43 2.09 0.00	39.46 1.99 0.00	38.91 2.00 0.00	34.18 1.80 0.00	34.66 1.79 0.00	32.04 1.51 0.00
DELAWARE___LFGE 323621	31.88 0.60 0.00	30.69 0.54 0.00	31.59 0.53 0.00	29.25 0.51 0.00	28.64 0.54 0.00	28.21 0.58 0.00	32.07 0.66 0.00	32.74 0.70 0.00	31.55 0.67 0.00	30.53 0.68 0.00	32.96 0.77 0.00	31.75 0.71 0.00	33.77 0.75 0.00	32.63 0.75 0.00	34.02 0.78 0.00	38.80 0.96 0.00	43.56 1.19 0.00	46.86 1.27 0.00	38.36 1.03 0.00	38.48 1.02 0.00	37.91 1.00 0.00	33.26 0.88 0.00	33.79 0.92 0.00	31.28 0.75 0.00
DERFIELD_115KV_TB7 355931	31.40 0.12 0.00	30.26 0.12 0.00	31.18 0.13 0.00	28.88 0.14 0.00	28.24 0.14 0.00	27.77 0.13 0.00	31.54 0.13 0.00	32.16 0.13 0.00	31.00 0.12 0.00	29.99 0.15 0.00	32.36 0.16 0.00	31.20 0.15 0.00	33.19 0.17 0.00	32.04 0.17 0.00	33.43 0.18 0.00	38.05 0.20 0.00	42.58 0.21 0.00	45.77 0.18 0.00	37.49 0.15 0.00	37.62 0.15 0.00	37.08 0.17 0.00	32.54 0.16 0.00	33.06 0.20 0.00	30.70 0.18 0.00
DOGLEVILLE___HYD 23807	33.33 2.05 0.00	32.03 1.89 0.00	32.92 1.86 0.00	30.48 1.74 0.00	29.89 1.79 0.00	29.52 1.88 0.00	33.70 2.29 0.00	34.43 2.39 0.00	33.11 2.24 0.00	32.01 2.17 0.00	34.51 2.32 0.00	33.27 2.23 0.00	35.40 2.38 0.00	34.16 2.29 0.00	35.80 2.56 0.00	40.71 2.87 0.00	45.73 3.36 0.00	48.82 3.23 0.00	39.94 2.61 0.00	40.02 2.55 0.00	39.47 2.57 0.00	34.66 2.28 0.00	35.24 2.37 0.00	32.61 2.08 0.00
DUNKIRK__115KV_TB_200 55889	29.04 -2.24 0.00	27.91 -2.23 0.00	28.71 -2.36 0.00	26.34 -2.40 0.00	25.62 -2.49 0.00	25.33 -2.30 0.00	28.41 -2.87 0.13	29.02 -2.71 0.30	28.32 -2.55 0.00	26.26 -2.34 1.24	21.89 -2.64 7.66	25.51 -2.60 2.93	27.95 -2.83 2.25	28.82 -2.73 0.33	30.32 -2.66 0.27	34.78 -2.95 0.11	34.66 -3.25 4.46	42.33 -3.26 0.00	34.79 -2.55 0.00	34.67 -2.47 0.32	34.63 -2.28 0.00	30.26 -2.12 0.00	31.09 -1.78 0.00	28.95 -1.57 0.00
DUNKIRK___1 23563	29.04 -2.24 0.00	27.91 -2.23 0.00	28.71 -2.36 0.00	26.34 -2.40 0.00	25.62 -2.49 0.00	25.33 -2.30 0.00	28.41 -2.87 0.13	29.02 -2.71 0.30	28.32 -2.55 0.00	26.26 -2.34 1.24	21.89 -2.64 7.66	25.51 -2.60 2.93	27.95 -2.83 2.25	28.82 -2.73 0.33	30.32 -2.66 0.27	34.78 -2.95 0.11	34.66 -3.25 4.46	42.33 -3.26 0.00	34.79 -2.55 0.00	34.67 -2.47 0.32	34.63 -2.28 0.00	30.26 -2.12 0.00	31.09 -1.78 0.00	28.95 -1.57 0.00
DUNKIRK___2 23564	29.04 -2.24 0.00	27.91 -2.23 0.00	28.71 -2.36 0.00	26.34 -2.40 0.00	25.62 -2.49 0.00	25.33 -2.30 0.00	28.41 -2.87 0.13	29.02 -2.71 0.30	28.32 -2.55 0.00	26.26 -2.34 1.24	21.89 -2.64 7.66	25.51 -2.60 2.93	27.95 -2.83 2.25	28.82 -2.73 0.33	30.32 -2.66 0.27	34.78 -2.95 0.11	34.66 -3.25 4.46	42.33 -3.26 0.00	34.79 -2.55 0.00	34.67 -2.47 0.32	34.63 -2.28 0.00	30.26 -2.12 0.00	31.09 -1.78 0.00	28.95 -1.57 0.00
DUNKIRK___3 23565	29.18 -2.10 0.00	28.06 -2.08 0.00	28.86 -2.20 0.00	26.49 -2.25 0.00	25.76 -2.34 0.00	25.45 -2.18 0.00	28.51 -2.76 0.14	29.11 -2.60 0.33	28.46 -2.42 0.00	26.28 -2.20 1.36	21.34 -2.43 8.42	25.41 -2.41 3.22	27.94 -2.61 2.47	28.99 -2.52 0.36	30.44 -2.51 0.29	34.93 -2.79 0.12	34.41 -3.06 4.90	42.50 -3.08 0.00	34.95 -2.39 0.00	34.81 -2.30 0.36	34.81 -2.09 0.00	30.40 -1.98 0.00	31.23 -1.63 0.00	29.04 -1.48 0.00
DUNKIRK___4 23566	29.18 -2.10 0.00	28.06 -2.08 0.00	28.86 -2.20 0.00	26.49 -2.25 0.00	25.76 -2.34 0.00	25.45 -2.18 0.00	28.51 -2.76 0.14	29.11 -2.60 0.33	28.46 -2.42 0.00	26.28 -2.20 1.36	21.34 -2.43 8.42	25.41 -2.41 3.22	27.94 -2.61 2.47	28.99 -2.52 0.36	30.44 -2.51 0.29	34.93 -2.79 0.12	34.41 -3.06 4.90	42.50 -3.08 0.00	34.95 -2.39 0.00	34.81 -2.30 0.36	34.81 -2.09 0.00	30.40 -1.98 0.00	31.23 -1.63 0.00	29.04 -1.48 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.01 1.73 0.00	31.75 1.61 0.00	32.65 1.60 0.00	30.29 1.54 0.00	29.73 1.62 0.00	29.18 1.55 0.00	33.32 1.91 0.00	34.02 1.99 0.00	32.75 1.87 0.00	31.67 1.83 0.00	34.31 2.12 0.00	33.05 2.01 0.00	35.15 2.13 0.00	34.00 2.12 0.00	35.47 2.23 0.00	40.44 2.60 0.00	45.44 3.07 0.00	48.86 3.27 0.00	39.92 2.59 0.00	39.89 2.43 0.00	39.35 2.44 0.00	34.55 2.17 0.00	35.06 2.19 0.00	32.37 1.84 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.80 1.52 0.00	31.54 1.40 0.00	32.44 1.38 0.00	30.09 1.35 0.00	29.51 1.41 0.00	29.00 1.36 0.00	33.07 1.67 0.00	33.76 1.72 0.00	32.50 1.63 0.00	31.41 1.58 0.00	33.98 1.78 0.00	32.74 1.69 0.00	34.80 1.78 0.00	33.64 1.77 0.00	35.12 1.87 0.00	40.06 2.22 0.00	45.02 2.65 0.00	48.41 2.82 0.00	39.58 2.25 0.00	39.59 2.13 0.00	39.05 2.14 0.00	34.28 1.91 0.00	34.77 1.90 0.00	32.14 1.62 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.07 1.79 0.00	31.85 1.71 0.00	32.76 1.70 0.00	30.40 1.66 0.00	29.85 1.75 0.00	29.26 1.62 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.85 1.97 0.00	31.74 1.89 0.00	34.45 2.26 0.00	33.15 2.11 0.00	35.24 2.22 0.00	34.10 2.22 0.00	35.54 2.30 0.00	40.53 2.69 0.00	45.52 3.15 0.00	48.96 3.38 0.00	40.00 2.66 0.00	39.94 2.47 0.00	39.40 2.49 0.00	34.60 2.22 0.00	35.14 2.27 0.00	32.36 1.83 0.00

E179THST_13_KV_LOAD 356214	33.19 1.91 0.00	31.96 1.82 0.00	32.86 1.80 0.00	30.51 1.77 0.00	29.96 1.85 0.00	29.37 1.73 0.00	33.59 2.18 0.00	34.31 2.27 0.00	32.98 2.10 0.00	31.87 2.03 0.00	34.60 2.41 0.00	33.30 2.26 0.00	35.41 2.38 0.00	34.25 2.38 0.00	35.70 2.45 0.00	40.71 2.87 0.00	45.75 3.38 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.59 2.69 0.00	34.76 2.38 0.00	35.30 2.43 0.00	32.50 1.98 0.00
EAST HAMPTON___GT 23717	33.22 1.94 0.00	31.76 1.63 0.00	32.50 1.44 0.00	30.07 1.33 0.00	29.60 1.49 0.00	29.37 1.74 0.00	33.32 1.91 0.00	33.70 1.66 0.00	32.01 1.14 0.00	30.91 1.06 0.00	33.63 1.44 0.00	32.36 1.32 0.00	34.12 1.11 0.00	33.08 1.20 0.00	37.29 1.37 -2.68	40.03 2.19 0.00	45.52 3.14 0.00	49.22 3.63 0.00	44.16 2.75 -4.07	43.73 2.44 -3.82	42.85 2.24 -3.70	36.82 2.12 -2.32	35.81 1.96 -0.99	32.08 1.55 0.00
EAST RIVER___6 23660	33.13 1.85 0.00	31.88 1.74 0.00	32.78 1.72 0.00	30.41 1.67 0.00	29.87 1.76 0.00	29.32 1.69 0.00	33.49 2.08 0.00	34.22 2.19 0.00	32.94 2.06 0.00	31.85 2.01 0.00	34.50 2.31 0.00	33.24 2.20 0.00	35.35 2.33 0.00	34.19 2.32 0.00	35.66 2.41 0.00	40.66 2.81 0.00	45.70 3.33 0.00	49.15 3.56 0.00	40.15 2.81 0.00	40.08 2.62 0.00	39.54 2.63 0.00	34.71 2.33 0.00	35.20 2.33 0.00	32.46 1.93 0.00
EAST RIVER___7 23524	33.13 1.85 0.00	31.88 1.74 0.00	32.78 1.72 0.00	30.41 1.67 0.00	29.87 1.76 0.00	29.32 1.69 0.00	33.49 2.08 0.00	34.22 2.19 0.00	32.94 2.06 0.00	31.85 2.01 0.00	34.50 2.31 0.00	33.24 2.20 0.00	35.35 2.33 0.00	34.19 2.32 0.00	35.66 2.41 0.00	40.66 2.81 0.00	45.70 3.33 0.00	49.15 3.56 0.00	40.15 2.81 0.00	40.08 2.62 0.00	39.54 2.63 0.00	34.71 2.33 0.00	35.20 2.33 0.00	32.46 1.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.94 1.66 0.00	31.68 1.55 0.00	32.58 1.52 0.00	30.22 1.48 0.00	29.65 1.55 0.00	29.12 1.49 0.00	33.25 1.84 0.00	33.94 1.90 0.00	32.67 1.79 0.00	31.59 1.75 0.00	34.20 2.01 0.00	32.94 1.90 0.00	35.04 2.02 0.00	33.89 2.02 0.00	35.36 2.11 0.00	40.31 2.47 0.00	45.29 2.92 0.00	48.69 3.10 0.00	39.80 2.46 0.00	39.77 2.31 0.00	39.24 2.33 0.00	34.45 2.07 0.00	34.95 2.09 0.00	32.28 1.75 0.00
EAST_HAMPTON___DIESEL 23722	33.14 1.86 0.00	31.69 1.55 0.00	32.41 1.35 0.00	29.99 1.25 0.00	29.52 1.41 0.00	29.30 1.67 0.00	33.22 1.82 0.00	33.60 1.56 0.00	31.91 1.03 0.00	30.80 0.96 0.00	33.52 1.33 0.00	32.25 1.22 0.00	34.01 0.99 0.00	32.98 1.10 0.00	37.18 1.26 -2.68	39.91 2.07 0.00	45.37 2.99 0.00	49.07 3.48 0.00	44.03 2.62 -4.07	43.60 2.31 -3.82	42.72 2.12 -3.70	36.71 2.02 -2.32	35.69 1.84 -0.99	31.99 1.46 0.00
EAST_POINT___SOLAR 323840	31.71 0.43 0.00	30.53 0.39 0.00	31.47 0.41 0.00	29.12 0.39 0.00	28.47 0.37 0.00	28.02 0.39 0.00	31.91 0.50 0.00	32.60 0.57 0.00	31.35 0.47 0.00	30.20 0.36 0.00	32.65 0.46 0.00	31.59 0.55 0.00	33.61 0.59 0.00	32.55 0.67 0.00	33.93 0.68 0.00	38.85 1.00 0.00	43.70 1.33 0.00	47.30 1.72 0.00	38.74 1.41 0.00	38.88 1.41 0.00	38.28 1.37 0.00	33.47 1.10 0.00	34.05 1.19 0.00	31.53 1.01 0.00
EAST_PULASKI___ESR 323781	30.39 -0.89 0.00	29.31 -0.83 0.00	30.27 -0.79 0.00	28.14 -0.61 0.00	27.37 -0.73 0.00	26.90 -0.73 0.00	30.39 -1.02 0.00	31.01 -1.03 0.00	29.89 -0.98 0.00	28.97 -0.87 0.00	31.27 -0.92 0.00	30.13 -0.91 0.00	31.97 -1.05 0.00	30.93 -0.94 0.00	32.26 -0.99 0.00	36.68 -1.16 0.00	41.08 -1.29 0.00	44.25 -1.34 0.00	36.26 -1.07 0.00	36.42 -1.05 0.00	35.85 -1.06 0.00	31.44 -0.94 0.00	31.94 -0.93 0.00	29.71 -0.81 0.00
EAST_RIVER___1 323558	33.12 1.84 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.65 0.00	29.84 1.74 0.00	29.30 1.67 0.00	33.46 2.05 0.00	34.19 2.15 0.00	32.91 2.03 0.00	31.82 1.98 0.00	34.47 2.28 0.00	33.21 2.17 0.00	35.32 2.29 0.00	34.16 2.29 0.00	35.62 2.38 0.00	40.61 2.77 0.00	45.64 3.27 0.00	49.10 3.51 0.00	40.11 2.78 0.00	40.04 2.58 0.00	39.50 2.59 0.00	34.68 2.30 0.00	35.17 2.30 0.00	32.43 1.90 0.00
EAST_RIVER___2 323559	33.13 1.85 0.00	31.88 1.74 0.00	32.78 1.72 0.00	30.41 1.67 0.00	29.87 1.76 0.00	29.32 1.69 0.00	33.49 2.08 0.00	34.22 2.19 0.00	32.94 2.06 0.00	31.85 2.01 0.00	34.50 2.31 0.00	33.24 2.20 0.00	35.35 2.33 0.00	34.19 2.32 0.00	35.66 2.41 0.00	40.66 2.81 0.00	45.70 3.33 0.00	49.15 3.56 0.00	40.15 2.81 0.00	40.08 2.62 0.00	39.54 2.63 0.00	34.71 2.33 0.00	35.20 2.33 0.00	32.46 1.93 0.00
EAST___DELAWARE_HYD 23607	32.37 1.09 0.00	31.12 0.98 0.00	32.01 0.94 0.00	29.68 0.94 0.00	29.12 1.01 0.00	28.63 0.99 0.00	32.67 1.26 0.00	33.36 1.33 0.00	32.12 1.24 0.00	31.01 1.17 0.00	33.58 1.39 0.00	32.31 1.28 0.00	34.15 1.13 0.00	32.29 0.41 0.00	33.72 0.47 0.00	38.56 0.72 0.00	43.44 1.07 0.00	46.76 1.17 0.00	38.22 0.88 0.00	38.24 0.78 0.00	37.81 0.90 0.00	33.93 1.55 0.00	34.38 1.52 0.00	31.76 1.23 0.00
EIGHT_POINT___WT_PWR 323820	28.46 -2.83 0.00	27.41 -2.73 0.00	28.24 -2.83 0.00	26.04 -2.70 0.00	25.30 -2.81 0.00	24.96 -2.68 0.00	28.78 -3.18 -0.56	30.33 -2.98 -1.28	28.18 -2.70 0.00	32.36 -2.67 -5.19	61.30 -3.01 -32.12	40.12 -3.19 -12.27	38.94 -3.48 -9.40	29.95 -3.30 -1.37	31.02 -3.35 -1.12	34.71 -3.60 -0.46	57.25 -3.81 -18.69	41.88 -3.71 0.00	34.49 -2.84 0.00	36.16 -2.67 -1.36	34.32 -2.58 0.00	29.86 -2.52 0.00	30.57 -2.29 0.00	28.71 -1.82 0.00
ELBRIDGE_115KV_TB2 80188	30.76 -0.52 0.00	29.64 -0.50 0.00	30.53 -0.54 0.00	28.25 -0.49 0.00	27.57 -0.53 0.00	27.17 -0.46 0.00	30.78 -0.63 0.00	31.37 -0.66 0.00	30.26 -0.61 0.00	29.26 -0.58 0.00	31.57 -0.62 0.00	30.42 -0.62 0.00	32.31 -0.71 0.00	31.26 -0.61 0.00	32.62 -0.62 0.00	37.12 -0.72 0.00	41.61 -0.76 0.00	44.84 -0.75 0.00	36.74 -0.60 0.00	36.86 -0.61 0.00	36.33 -0.57 0.00	31.88 -0.50 0.00	32.33 -0.53 0.00	30.07 -0.46 0.00
ELEC_TRO_TEK 24086	33.19 1.91 0.00	31.89 1.74 0.00	32.77 1.71 0.00	30.40 1.66 0.00	29.85 1.74 0.00	29.34 1.70 0.00	33.44 2.03 0.00	34.11 2.07 0.00	32.71 1.84 0.00	31.71 1.87 0.00	34.47 2.28 0.00	33.21 2.17 0.00	35.15 2.13 0.00	34.02 2.14 0.00	35.46 2.21 0.00	40.57 2.73 0.00	45.74 3.37 0.00	49.18 3.59 0.00	40.11 2.77 0.00	40.02 2.55 0.00	39.42 2.51 0.00	34.68 2.31 0.00	35.18 2.32 0.00	32.51 1.98 0.00
ELLENBURG_WT_PWR 323604	31.09 -0.20 0.00	29.96 -0.18 0.00	31.04 -0.02 0.00	28.61 -0.13 0.00	27.88 -0.23 0.00	27.46 -0.17 0.00	31.39 -0.02 0.00	31.99 -0.05 0.00	30.86 -0.02 0.00	29.65 -0.19 0.00	31.87 -0.32 0.00	30.72 -0.32 0.00	32.71 -0.30 0.00	31.41 -0.47 0.00	32.71 -0.54 0.00	37.19 -0.65 0.00	41.47 -0.90 0.00	44.74 -0.85 0.00	36.61 -0.73 0.00	36.79 -0.68 0.00	36.15 -0.76 0.00	31.61 -0.77 0.00	32.02 -0.85 0.00	29.82 -0.70 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.37 -1.91 0.00	28.25 -1.89 0.00	29.08 -1.98 0.00	26.63 -2.11 0.00	25.92 -2.19 0.00	25.53 -2.11 0.00	28.52 -2.73 0.16	29.13 -2.54 0.36	28.58 -2.29 0.00	26.26 -2.09 1.49	20.78 -2.19 9.22	25.33 -2.19 3.52	27.95 -2.36 2.71	29.16 -2.32 0.39	30.57 -2.35 0.32	35.08 -2.63 0.13	34.14 -2.86 5.36	42.67 -2.92 0.00	35.12 -2.22 0.00	34.96 -2.12 0.39	35.13 -1.78 0.00	30.63 -1.75 0.00	31.49 -1.37 0.00	29.20 -1.32 0.00
EMPIRE_CC_1 323656	32.22 0.94 0.00	31.04 0.89 0.00	32.02 0.95 0.00	29.62 0.88 0.00	29.07 0.97 0.00	28.53 0.90 0.00	32.57 1.16 0.00	33.19 1.15 0.00	31.94 1.07 0.00	30.84 1.00 0.00	33.37 1.18 0.00	32.20 1.16 0.00	34.33 1.31 0.00	33.11 1.24 0.00	34.56 1.31 0.00	39.23 1.39 0.00	43.87 1.50 0.00	46.98 1.39 0.00	38.46 1.13 0.00	38.57 1.10 0.00	38.04 1.13 0.00	33.51 1.13 0.00	34.09 1.23 0.00	31.67 1.15 0.00
EMPIRE_CC_2 323658	32.22 0.94 0.00	31.04 0.89 0.00	32.02 0.95 0.00	29.62 0.88 0.00	29.07 0.97 0.00	28.53 0.90 0.00	32.57 1.16 0.00	33.19 1.15 0.00	31.94 1.07 0.00	30.84 1.00 0.00	33.37 1.18 0.00	32.20 1.16 0.00	34.33 1.31 0.00	33.11 1.24 0.00	34.56 1.31 0.00	39.23 1.39 0.00	43.87 1.50 0.00	46.98 1.39 0.00	38.46 1.13 0.00	38.57 1.10 0.00	38.04 1.13 0.00	33.51 1.13 0.00	34.09 1.23 0.00	31.67 1.15 0.00
ENORWICH_115KV_TB1 80156	31.40 0.12 0.00	30.24 0.10 0.00	31.26 0.20 0.00	28.87 0.13 0.00	28.22 0.12 0.00	28.11 0.48 0.00	31.78 0.34 -0.04	32.56 0.43 -0.09	31.24 0.36 0.00	30.62 0.40 -0.38	34.91 0.37 -2.35	32.12 0.18 -0.90	33.81 0.10 -0.68	32.02 0.04 -0.10	33.36 0.03 -0.08	38.46 0.58 -0.03	44.93 1.19 -1.37	46.60 1.01 0.00	38.17 0.83 0.00	38.36 0.79 -0.10	37.59 0.68 0.00	33.00 0.62 0.00	33.72 0.86 0.00	31.07 0.54 0.00
ERIE_ST__34_KV_TB1-2 80199	29.78 -1.50 0.00	28.63 -1.51 0.00	29.48 -1.58 0.00	27.01 -1.73 0.00	26.28 -1.83 0.00	25.92 -1.72 0.00	29.04 -2.24 0.13	29.70 -2.04 0.29	29.06 -1.81 0.00	27.03 -1.62 1.19	23.14 -1.70 7.35	26.54 -1.69 2.81	29.03 -1.83 2.16	29.76 -1.80 0.31	31.16 -1.83 0.26	35.71 -2.02 0.11	35.94 -2.15 4.28	43.43 -2.16 0.00	35.72 -1.61 0.00	35.64 -1.51 0.31	35.69 -1.22 0.00	31.11 -1.27 0.00	31.95 -0.92 0.00	29.60 -0.92 0.00
ERIE_WT_PWR 323693	29.50 -1.78 0.00	28.38 -1.77 0.00	29.20 -1.86 0.00	26.76 -1.99 0.00	26.03 -2.08 0.00	25.64 -2.00 0.00	28.67 -2.60 0.14	29.32 -2.39 0.33	28.73 -2.14 0.00	26.56 -1.93 1.35	21.80 -2.05 8.33	25.80 -2.05 3.18	28.35 -2.22 2.45	29.33 -2.19 0.36	30.76 -2.20 0.29	35.28 -2.45 0.12	34.88 -2.64 4.85	42.94 -2.65 0.00	35.34 -2.00 0.00	35.20 -1.92 0.35	35.32 -1.59 0.00	30.78 -1.60 0.00	31.65 -1.22 0.00	29.34 -1.19 0.00
ESPRGFLD_115KV_TB1 80157	30.81 -0.46 0.00	29.70 -0.44 0.00	30.63 -0.43 0.00	28.33 -0.41 0.00	27.68 -0.43 0.00	27.27 -0.36 0.00	30.94 -0.46 0.00	31.57 -0.46 0.00	30.48 -0.40 0.00	29.51 -0.33 0.00	31.87 -0.32 0.00	30.70 -0.34 0.00	32.60 -0.42 0.00	31.52 -0.35 0.00	32.84 -0.40 0.00	37.56 -0.28 0.00	42.23 -0.15 0.00	45.70 0.11 0.00	37.45 0.11 0.00	37.61 0.14 0.00	37.04 0.13 0.00	32.42 0.04 0.00	32.99 0.12 0.00	30.54 0.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.27 -0.01 0.00	30.12 -0.02 0.00	31.03 -0.03 0.00	28.71 -0.03 0.00	28.03 -0.07 0.00	27.68 0.05 0.00	31.45 -0.02 -0.06	32.20 0.01 -0.15	30.90 0.02 0.00	30.50 0.06 -0.60	35.91 0.02 -3.70	32.40 -0.05 -1.41	33.96 -0.14 -1.07	31.92 -0.11 -0.16	33.33 -0.05 -0.13	37.98 0.08 -0.05	44.79 0.27 -2.15	45.96 0.37 0.00	37.65 0.31 0.00	37.92 0.30 -0.16	37.18 0.27 0.00	32.58 0.20 0.00	33.10 0.23 0.00	30.71 0.18 0.00
ETNA____115KV_TB2 80207	31.27 -0.01 0.00	30.12 -0.02 0.00	31.03 -0.03 0.00	28.71 -0.03 0.00	28.03 -0.07 0.00	27.68 0.05 0.00	31.45 -0.02 -0.06	32.20 0.01 -0.15	30.90 0.02 0.00	30.50 0.06 -0.60	35.91 0.02 -3.70	32.40 -0.05 -1.41	33.96 -0.14 -1.07	31.92 -0.11 -0.16	33.33 -0.05 -0.13	37.98 0.08 -0.05	44.79 0.27 -2.15	45.96 0.37 0.00	37.65 0.31 0.00	37.92 0.30 -0.16	37.18 0.27 0.00	32.58 0.20 0.00	33.10 0.23 0.00	30.71 0.18 0.00
EUCLID__115KV_TB2 356179	30.63 -0.65 0.00	29.51 -0.63 0.00	30.40 -0.66 0.00	28.13 -0.61 0.00	27.49 -0.62 0.00	27.05 -0.59 0.00	30.62 -0.78 0.00	31.22 -0.82 0.00	30.11 -0.77 0.00	29.15 -0.69 0.00	31.44 -0.75 0.00	30.33 -0.71 0.00	32.23 -0.79 0.00	31.14 -0.73 0.00	32.49 -0.76 0.00	36.97 -0.88 0.00	41.43 -0.94 0.00	44.59 -1.00 0.00	36.54 -0.80 0.00	36.66 -0.81 0.00	36.14 -0.77 0.00	31.71 -0.66 0.00	32.21 -0.65 0.00	29.93 -0.60 0.00
E_CANADA_CAP_HY 24051	30.52 -0.76 0.00	29.43 -0.71 0.00	30.36 -0.69 0.00	28.10 -0.64 0.00	27.44 -0.67 0.00	26.97 -0.66 0.00	30.64 -0.77 0.00	31.25 -0.79 0.00	30.14 -0.73 0.00	29.16 -0.68 0.00	31.48 -0.71 0.00	30.38 -0.66 0.00	32.28 -0.74 0.00	31.21 -0.66 0.00	32.54 -0.71 0.00	37.24 -0.60 0.00	41.79 -0.58 0.00	45.34 -0.24 0.00	37.17 -0.17 0.00	37.33 -0.13 0.00	36.80 -0.10 0.00	32.21 -0.16 0.00	32.85 -0.01 0.00	30.47 -0.06 0.00
E_CANADA_MHWK_HY 24050	33.33 2.05 0.00	32.03 1.89 0.00	32.92 1.86 0.00	30.48 1.74 0.00	29.89 1.79 0.00	29.52 1.88 0.00	33.70 2.29 0.00	34.43 2.39 0.00	33.11 2.24 0.00	32.01 2.17 0.00	34.51 2.32 0.00	33.27 2.23 0.00	35.40 2.38 0.00	34.16 2.29 0.00	35.80 2.56 0.00	40.71 2.87 0.00	45.74 3.36 0.00	48.82 3.23 0.00	39.94 2.60 0.00	40.02 2.55 0.00	39.47 2.56 0.00	34.66 2.28 0.00	35.24 2.37 0.00	32.61 2.08 0.00
E_FISHKILL__LBMP 23776	32.75 1.48 0.00	31.51 1.37 0.00	32.41 1.35 0.00	30.05 1.31 0.00	29.48 1.38 0.00	28.95 1.31 0.00	33.03 1.62 0.00	33.71 1.68 0.00	32.47 1.59 0.00	31.39 1.55 0.00	33.97 1.78 0.00	32.72 1.68 0.00	34.81 1.79 0.00	33.66 1.79 0.00	35.12 1.87 0.00	40.01 2.17 0.00	44.90 2.52 0.00	48.24 2.65 0.00	39.45 2.11 0.00	39.47 2.00 0.00	38.94 2.03 0.00	34.20 1.82 0.00	34.69 1.83 0.00	32.09 1.56 0.00
FALCON__SEABRD_CC1 323796	31.45 0.18 0.00	30.29 0.15 0.00	31.41 0.34 0.00	28.99 0.25 0.00	28.21 0.10 0.00	27.84 0.21 0.00	31.85 0.44 0.00	32.46 0.43 0.00	31.30 0.42 0.00	30.09 0.25 0.00	32.30 0.11 0.00	31.14 0.10 0.00	33.18 0.16 0.00	31.84 -0.04 0.00	33.19 -0.06 0.00	37.73 -0.11 0.00	42.05 -0.32 0.00	45.34 -0.25 0.00	37.08 -0.26 0.00	37.25 -0.22 0.00	36.63 -0.28 0.00	32.02 -0.35 0.00	32.42 -0.44 0.00	30.19 -0.33 0.00
FALCON__SEABRD_CC2 323797	31.45 0.18 0.00	30.29 0.15 0.00	31.41 0.34 0.00	28.99 0.25 0.00	28.21 0.10 0.00	27.84 0.21 0.00	31.85 0.44 0.00	32.46 0.43 0.00	31.30 0.42 0.00	30.09 0.25 0.00	32.30 0.11 0.00	31.14 0.10 0.00	33.18 0.16 0.00	31.84 -0.04 0.00	33.19 -0.06 0.00	37.73 -0.11 0.00	42.05 -0.32 0.00	45.34 -0.25 0.00	37.08 -0.26 0.00	37.25 -0.22 0.00	36.63 -0.28 0.00	32.02 -0.35 0.00	32.42 -0.44 0.00	30.19 -0.33 0.00

FAR ROCKAWAY___4 23548	33.62 2.34 0.00	32.29 2.15 0.00	33.17 2.11 0.00	30.76 2.02 0.00	30.21 2.11 0.00	29.70 2.07 0.00	33.88 2.47 0.00	34.56 2.53 0.00	33.15 2.27 0.00	32.12 2.28 0.00	34.93 2.74 0.00	33.68 2.64 0.00	35.64 2.62 0.00	34.53 2.65 0.00	36.02 2.77 0.00	41.25 3.41 0.00	46.59 4.22 0.00	50.05 4.47 0.00	40.81 3.48 0.00	40.71 3.24 0.00	40.09 3.18 0.00	35.24 2.87 0.00	35.74 2.88 0.00	33.00 2.47 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.15 1.87 0.00	31.90 1.75 0.00	32.79 1.73 0.00	30.42 1.67 0.00	29.87 1.77 0.00	29.32 1.69 0.00	33.50 2.09 0.00	34.22 2.18 0.00	32.93 2.06 0.00	31.85 2.01 0.00	34.50 2.31 0.00	33.24 2.20 0.00	35.35 2.33 0.00	34.19 2.32 0.00	35.65 2.41 0.00	40.64 2.80 0.00	45.68 3.31 0.00	49.14 3.55 0.00	40.14 2.80 0.00	40.07 2.61 0.00	39.54 2.63 0.00	34.70 2.33 0.00	35.20 2.34 0.00	32.46 1.93 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.16 1.88 0.00	31.91 1.76 0.00	32.81 1.75 0.00	30.44 1.69 0.00	29.90 1.79 0.00	29.34 1.71 0.00	33.52 2.11 0.00	34.24 2.20 0.00	32.95 2.07 0.00	31.86 2.01 0.00	34.52 2.33 0.00	33.24 2.20 0.00	35.36 2.34 0.00	34.20 2.32 0.00	35.66 2.42 0.00	40.67 2.82 0.00	45.71 3.34 0.00	49.16 3.57 0.00	40.17 2.83 0.00	40.10 2.63 0.00	39.57 2.66 0.00	34.73 2.35 0.00	35.22 2.36 0.00	32.48 1.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.13 1.85 0.00	31.88 1.73 0.00	32.78 1.72 0.00	30.41 1.66 0.00	29.87 1.76 0.00	29.31 1.68 0.00	33.49 2.08 0.00	34.20 2.16 0.00	32.92 2.04 0.00	31.83 1.99 0.00	34.49 2.29 0.00	33.21 2.17 0.00	35.32 2.30 0.00	34.17 2.29 0.00	35.63 2.39 0.00	40.62 2.78 0.00	45.66 3.28 0.00	49.09 3.51 0.00	40.11 2.78 0.00	40.05 2.58 0.00	39.51 2.60 0.00	34.68 2.30 0.00	35.18 2.31 0.00	32.45 1.92 0.00
FARRAGUT___LBMP 323566	33.12 1.84 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.65 0.00	29.84 1.74 0.00	29.29 1.66 0.00	33.46 2.05 0.00	34.18 2.15 0.00	32.90 2.02 0.00	31.80 1.96 0.00	34.45 2.26 0.00	33.19 2.15 0.00	35.29 2.27 0.00	34.14 2.27 0.00	35.60 2.36 0.00	40.59 2.75 0.00	45.63 3.25 0.00	49.05 3.46 0.00	40.09 2.75 0.00	40.02 2.55 0.00	39.48 2.57 0.00	34.66 2.28 0.00	35.16 2.29 0.00	32.43 1.90 0.00
FENNER___WINDPWR 24204	31.39 0.11 0.00	30.30 0.15 0.00	31.23 0.17 0.00	28.93 0.19 0.00	28.25 0.14 0.00	27.83 0.20 0.00	31.60 0.19 0.00	32.27 0.23 0.00	31.12 0.24 0.00	30.12 0.28 0.00	32.50 0.30 0.00	31.32 0.28 0.00	33.30 0.28 0.00	32.18 0.31 0.00	33.59 0.34 0.00	38.30 0.46 0.00	42.85 0.48 0.00	46.05 0.46 0.00	37.71 0.37 0.00	37.84 0.37 0.00	37.25 0.35 0.00	32.68 0.30 0.00	33.13 0.26 0.00	30.76 0.23 0.00
FIBERTEK___ENERGY 23856	30.90 -0.38 0.00	29.77 -0.38 0.00	30.67 -0.39 0.00	28.39 -0.36 0.00	27.73 -0.38 0.00	27.30 -0.33 0.00	30.94 -0.47 0.00	31.53 -0.50 0.00	30.41 -0.46 0.00	29.44 -0.41 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.50 0.00	31.46 -0.41 0.00	32.82 -0.43 0.00	37.36 -0.48 0.00	41.88 -0.49 0.00	45.11 -0.48 0.00	36.95 -0.39 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.52 -0.35 0.00	30.22 -0.31 0.00
FITZPATRICK___ 23598	30.26 -1.02 0.00	29.17 -0.98 0.00	30.04 -1.02 0.00	27.81 -0.93 0.00	27.17 -0.94 0.00	26.71 -0.92 0.00	30.25 -1.16 0.00	30.79 -1.24 0.00	29.70 -1.18 0.00	28.74 -1.10 0.00	30.99 -1.20 0.00	29.88 -1.16 0.00	31.75 -1.28 0.00	30.68 -1.19 0.00	32.00 -1.25 0.00	36.40 -1.45 0.00	40.77 -1.60 0.00	43.88 -1.71 0.00	35.96 -1.38 0.00	36.09 -1.38 0.00	35.57 -1.34 0.00	31.23 -1.14 0.00	31.71 -1.15 0.00	29.50 -1.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.12 1.84 0.00	31.85 1.71 0.00	32.75 1.69 0.00	30.37 1.63 0.00	29.79 1.68 0.00	29.27 1.64 0.00	33.40 2.00 0.00	34.12 2.08 0.00	32.85 1.97 0.00	31.75 1.90 0.00	34.37 2.18 0.00	33.12 2.08 0.00	35.22 2.20 0.00	34.05 2.18 0.00	35.54 2.29 0.00	40.54 2.70 0.00	45.53 3.16 0.00	48.95 3.37 0.00	40.03 2.70 0.00	40.04 2.57 0.00	39.50 2.59 0.00	34.67 2.29 0.00	35.15 2.29 0.00	32.48 1.96 0.00
FORT ORANGE___ 23900	32.36 1.08 0.00	31.19 1.05 0.00	32.11 1.05 0.00	29.75 1.00 0.00	29.16 1.05 0.00	28.66 1.02 0.00	32.68 1.27 0.00	33.37 1.34 0.00	32.12 1.24 0.00	31.03 1.19 0.00	33.47 1.28 0.00	32.25 1.21 0.00	34.32 1.30 0.00	33.11 1.24 0.00	34.61 1.37 0.00	39.43 1.59 0.00	44.19 1.82 0.00	47.43 1.85 0.00	38.86 1.53 0.00	38.94 1.48 0.00	38.41 1.50 0.00	33.78 1.40 0.00	34.30 1.44 0.00	31.81 1.29 0.00
FORT_DRUM_COGEN 23780	30.02 -1.26 0.00	29.12 -1.03 0.00	30.34 -0.72 0.00	28.52 -0.22 0.00	27.34 -0.76 0.00	26.89 -0.74 0.00	30.30 -1.11 0.00	31.04 -1.00 0.00	29.91 -0.97 0.00	29.01 -0.84 0.00	31.24 -0.95 0.00	29.96 -1.08 0.00	31.72 -1.31 0.00	30.76 -1.11 0.00	32.04 -1.21 0.00	36.48 -1.37 0.00	40.89 -1.48 0.00	44.16 -1.43 0.00	36.16 -1.18 0.00	36.46 -1.01 0.00	35.81 -1.10 0.00	31.37 -1.01 0.00	31.70 -1.17 0.00	29.48 -1.05 0.00
FOX_HILLS___ESR 323835	33.41 2.14 0.00	32.20 2.06 0.00	33.11 2.05 0.00	30.72 1.97 0.00	30.16 2.05 0.00	29.53 1.90 0.00	33.65 2.24 0.00	34.38 2.34 0.00	33.11 2.24 0.00	32.01 2.17 0.00	34.62 2.43 0.00	33.34 2.31 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.54 0.00	40.81 2.97 0.00	45.93 3.56 0.00	49.44 3.85 0.00	40.41 3.07 0.00	40.35 2.88 0.00	39.81 2.90 0.00	34.92 2.54 0.00	35.41 2.54 0.00	32.68 2.16 0.00
FPL_FAR_ROCK_GT1 24212	33.63 2.34 0.00	32.29 2.15 0.00	33.18 2.11 0.00	30.76 2.02 0.00	30.22 2.11 0.00	29.70 2.07 0.00	33.88 2.47 0.00	34.56 2.53 0.00	33.15 2.27 0.00	32.12 2.28 0.00	34.93 2.74 0.00	33.68 2.64 0.00	35.64 2.62 0.00	34.53 2.65 0.00	36.02 2.77 0.00	41.25 3.41 0.00	46.59 4.22 0.00	50.05 4.47 0.00	40.81 3.48 0.00	40.71 3.24 0.00	40.09 3.18 0.00	35.25 2.87 0.00	35.74 2.88 0.00	33.00 2.47 0.00
FPL_FAR_ROCK_GT2 23815	33.63 2.34 0.00	32.29 2.15 0.00	33.18 2.11 0.00	30.76 2.02 0.00	30.22 2.11 0.00	29.70 2.07 0.00	33.88 2.47 0.00	34.56 2.53 0.00	33.15 2.27 0.00	32.12 2.28 0.00	34.93 2.74 0.00	33.68 2.64 0.00	35.64 2.62 0.00	34.53 2.65 0.00	36.02 2.77 0.00	41.25 3.41 0.00	46.59 4.22 0.00	50.05 4.47 0.00	40.81 3.48 0.00	40.71 3.24 0.00	40.09 3.18 0.00	35.25 2.87 0.00	35.74 2.88 0.00	33.00 2.47 0.00
FRANKLIN_FALL_HYD 24054	31.43 0.14 0.00	30.32 0.17 0.00	31.41 0.36 0.00	28.96 0.21 0.00	28.20 0.10 0.00	27.77 0.13 0.00	31.73 0.32 0.00	32.42 0.39 0.00	31.33 0.45 0.00	30.14 0.30 0.00	32.39 0.20 0.00	31.20 0.16 0.00	33.26 0.24 0.00	31.92 0.05 0.00	33.18 -0.07 0.00	37.73 -0.11 0.00	42.08 -0.29 0.00	45.45 -0.14 0.00	37.19 -0.15 0.00	37.38 -0.09 0.00	36.70 -0.21 0.00	32.05 -0.33 0.00	32.44 -0.43 0.00	30.20 -0.32 0.00

FREEPORT_EQUS_GT1 23764	33.40 2.12 0.00	32.07 1.92 0.00	32.94 1.87 0.00	30.54 1.80 0.00	30.00 1.89 0.00	29.49 1.85 0.00	33.62 2.21 0.00	34.28 2.25 0.00	32.87 1.99 0.00	31.85 2.00 0.00	34.64 2.45 0.00	33.38 2.34 0.00	35.30 2.28 0.00	34.16 2.28 0.00	35.60 2.35 0.00	40.76 2.91 0.00	45.92 3.55 0.00	49.42 3.83 0.00	40.30 2.96 0.00	40.20 2.73 0.00	39.57 2.66 0.00	34.90 2.52 0.00	35.43 2.56 0.00	32.73 2.21 0.00
FREEPORT___CT2 23818	33.40 2.12 0.00	32.07 1.92 0.00	32.94 1.87 0.00	30.54 1.80 0.00	30.00 1.89 0.00	29.49 1.85 0.00	33.62 2.21 0.00	34.28 2.25 0.00	32.87 1.99 0.00	31.85 2.00 0.00	34.64 2.45 0.00	33.38 2.34 0.00	35.30 2.28 0.00	34.16 2.28 0.00	35.60 2.35 0.00	40.76 2.91 0.00	45.92 3.55 0.00	49.42 3.83 0.00	40.30 2.96 0.00	40.20 2.73 0.00	39.57 2.66 0.00	34.90 2.52 0.00	35.43 2.56 0.00	32.73 2.21 0.00
FRESHKLS_33_KV_LOAD 356253	33.62 2.34 0.00	32.43 2.28 0.00	33.35 2.29 0.00	30.94 2.19 0.00	30.36 2.25 0.00	29.71 2.08 0.00	33.80 2.39 0.00	34.54 2.51 0.00	33.29 2.41 0.00	32.16 2.32 0.00	34.76 2.57 0.00	33.47 2.43 0.00	35.57 2.55 0.00	34.42 2.55 0.00	35.93 2.69 0.00	41.00 3.16 0.00	46.18 3.81 0.00	49.72 4.13 0.00	40.65 3.31 0.00	40.59 3.12 0.00	40.05 3.14 0.00	35.11 2.74 0.00	35.61 2.74 0.00	32.89 2.36 0.00
FULTON COGEN____ 23766	30.37 -0.91 0.00	29.27 -0.87 0.00	30.15 -0.91 0.00	27.90 -0.84 0.00	27.28 -0.82 0.00	26.83 -0.81 0.00	30.37 -1.03 0.00	30.95 -1.09 0.00	29.85 -1.03 0.00	28.90 -0.94 0.00	31.17 -1.02 0.00	30.06 -0.98 0.00	31.93 -1.08 0.00	30.88 -0.99 0.00	32.21 -1.03 0.00	36.64 -1.20 0.00	41.07 -1.31 0.00	44.21 -1.38 0.00	36.22 -1.12 0.00	36.34 -1.13 0.00	35.81 -1.10 0.00	31.44 -0.94 0.00	31.91 -0.95 0.00	29.66 -0.86 0.00
FULTON___LFGE 323630	31.69 0.41 0.00	30.53 0.38 0.00	31.47 0.41 0.00	29.11 0.37 0.00	28.46 0.36 0.00	28.00 0.37 0.00	31.89 0.48 0.00	32.57 0.53 0.00	31.39 0.52 0.00	30.35 0.51 0.00	32.77 0.57 0.00	31.57 0.53 0.00	33.62 0.60 0.00	32.48 0.60 0.00	33.92 0.68 0.00	38.79 0.95 0.00	43.52 1.15 0.00	47.04 1.45 0.00	38.53 1.19 0.00	38.67 1.20 0.00	38.09 1.18 0.00	33.36 0.98 0.00	33.93 1.06 0.00	31.44 0.92 0.00
G.F.CEMENT___DRP 24184	33.54 2.26 0.00	32.26 2.12 0.00	33.19 2.13 0.00	30.74 2.01 0.00	30.10 2.00 0.00	29.71 2.07 0.00	34.00 2.58 0.00	34.76 2.72 0.00	33.46 2.59 0.00	32.30 2.45 0.00	34.97 2.77 0.00	33.66 2.62 0.00	35.96 2.94 0.00	34.64 2.77 0.00	36.23 2.98 0.00	41.15 3.31 0.00	46.09 3.72 0.00	49.52 3.94 0.00	40.51 3.18 0.00	40.62 3.15 0.00	40.04 3.13 0.00	35.13 2.75 0.00	35.67 2.80 0.00	33.08 2.55 0.00
GARDENVILLE___LBMP 24039	29.36 -1.92 0.00	28.24 -1.90 0.00	29.07 -1.99 0.00	26.63 -2.11 0.00	25.92 -2.19 0.00	25.54 -2.10 0.00	28.52 -2.72 0.18	29.10 -2.53 0.41	28.59 -2.28 0.00	26.11 -2.08 1.65	19.78 -2.21 10.21	24.94 -2.20 3.90	27.64 -2.39 3.00	29.11 -2.33 0.44	30.53 -2.36 0.36	35.07 -2.63 0.15	33.57 -2.86 5.94	42.69 -2.89 0.00	35.13 -2.21 0.00	34.93 -2.11 0.43	35.12 -1.79 0.00	30.62 -1.75 0.00	31.48 -1.38 0.00	29.20 -1.32 0.00
GARDNVLA_35_KV_LD 355827	29.63 -1.65 0.00	28.50 -1.64 0.00	29.33 -1.73 0.00	26.86 -1.88 0.00	26.14 -1.96 0.00	25.75 -1.88 0.00	28.81 -2.46 0.14	29.47 -2.25 0.32	28.87 -2.01 0.00	26.74 -1.81 1.29	22.29 -1.91 7.99	26.08 -1.91 3.05	28.63 -2.05 2.35	29.53 -2.00 0.34	30.95 -2.02 0.28	35.48 -2.24 0.11	35.29 -2.44 4.65	43.17 -2.42 0.00	35.53 -1.80 0.00	35.44 -1.69 0.34	35.54 -1.37 0.00	30.97 -1.41 0.00	31.82 -1.04 0.00	29.48 -1.04 0.00
GELCKHM___115KV_LOAD 80723	30.73 -0.55 0.00	29.61 -0.53 0.00	30.50 -0.56 0.00	28.22 -0.52 0.00	27.58 -0.52 0.00	27.13 -0.50 0.00	30.74 -0.67 0.00	31.34 -0.70 0.00	30.22 -0.65 0.00	29.26 -0.58 0.00	31.56 -0.63 0.00	30.43 -0.61 0.00	32.34 -0.69 0.00	31.26 -0.61 0.00	32.62 -0.63 0.00	37.11 -0.73 0.00	41.60 -0.77 0.00	44.79 -0.80 0.00	36.69 -0.64 0.00	36.81 -0.66 0.00	36.29 -0.62 0.00	31.83 -0.54 0.00	32.32 -0.54 0.00	30.04 -0.48 0.00
GENERAL___MILLS 23808	29.51 -1.77 0.00	28.39 -1.75 0.00	29.21 -1.85 0.00	26.77 -1.98 0.00	26.03 -2.07 0.00	25.65 -1.98 0.00	28.69 -2.58 0.14	29.33 -2.38 0.33	28.74 -2.14 0.00	26.55 -1.95 1.35	21.80 -2.06 8.33	25.80 -2.06 3.18	28.36 -2.22 2.45	29.36 -2.17 0.36	30.77 -2.19 0.29	35.28 -2.44 0.12	34.87 -2.65 4.85	42.92 -2.67 0.00	35.33 -2.01 0.00	35.22 -1.90 0.35	35.33 -1.58 0.00	30.80 -1.58 0.00	31.66 -1.21 0.00	29.34 -1.18 0.00
GE_PLASTICS___DRP 24183	32.17 0.89 0.00	31.00 0.85 0.00	31.90 0.84 0.00	29.56 0.82 0.00	28.97 0.86 0.00	28.46 0.83 0.00	32.44 1.03 0.00	33.10 1.07 0.00	31.87 1.00 0.00	30.80 0.96 0.00	33.25 1.06 0.00	32.05 1.01 0.00	34.12 1.10 0.00	32.93 1.05 0.00	34.38 1.13 0.00	39.13 1.28 0.00	43.81 1.44 0.00	47.02 1.43 0.00	38.50 1.16 0.00	38.60 1.13 0.00	38.08 1.17 0.00	33.48 1.11 0.00	34.00 1.14 0.00	31.54 1.02 0.00
GILBOA___1 23756	32.05 0.76 0.00	30.86 0.71 0.00	31.77 0.71 0.00	29.43 0.68 0.00	28.83 0.72 0.00	28.33 0.70 0.00	32.28 0.87 0.00	32.94 0.90 0.00	31.72 0.85 0.00	30.67 0.83 0.00	33.12 0.93 0.00	31.93 0.89 0.00	33.97 0.95 0.00	32.81 0.93 0.00	34.21 0.96 0.00	38.94 1.10 0.00	43.63 1.26 0.00	46.82 1.23 0.00	38.31 0.97 0.00	38.46 1.00 0.00	37.93 1.02 0.00	33.32 0.95 0.00	33.84 0.97 0.00	31.39 0.86 0.00
GILBOA___2 23757	32.05 0.76 0.00	30.86 0.71 0.00	31.77 0.71 0.00	29.43 0.68 0.00	28.83 0.72 0.00	28.33 0.70 0.00	32.28 0.87 0.00	32.94 0.90 0.00	31.72 0.85 0.00	30.67 0.83 0.00	33.12 0.93 0.00	31.93 0.89 0.00	33.97 0.95 0.00	32.81 0.93 0.00	34.21 0.96 0.00	38.94 1.10 0.00	43.63 1.26 0.00	46.82 1.23 0.00	38.31 0.97 0.00	38.46 1.00 0.00	37.93 1.02 0.00	33.32 0.95 0.00	33.84 0.97 0.00	31.39 0.86 0.00
GILBOA___3 23758	32.05 0.76 0.00	30.86 0.71 0.00	31.77 0.71 0.00	29.43 0.68 0.00	28.83 0.72 0.00	28.33 0.70 0.00	32.28 0.87 0.00	32.94 0.90 0.00	31.72 0.85 0.00	30.67 0.83 0.00	33.12 0.93 0.00	31.93 0.89 0.00	33.97 0.95 0.00	32.81 0.93 0.00	34.21 0.96 0.00	38.94 1.10 0.00	43.63 1.26 0.00	46.82 1.23 0.00	38.31 0.97 0.00	38.46 1.00 0.00	37.93 1.02 0.00	33.32 0.95 0.00	33.84 0.97 0.00	31.39 0.86 0.00
GILBOA___4 23759	32.05 0.76 0.00	30.86 0.71 0.00	31.77 0.71 0.00	29.43 0.68 0.00	28.83 0.72 0.00	28.33 0.70 0.00	32.28 0.87 0.00	32.94 0.90 0.00	31.72 0.85 0.00	30.67 0.83 0.00	33.12 0.93 0.00	31.93 0.89 0.00	33.97 0.95 0.00	32.81 0.93 0.00	34.21 0.96 0.00	38.94 1.10 0.00	43.63 1.26 0.00	46.82 1.23 0.00	38.31 0.97 0.00	38.46 1.00 0.00	37.93 1.02 0.00	33.32 0.95 0.00	33.84 0.97 0.00	31.39 0.86 0.00

GILBOA____ 23599	32.04 0.77 0.00	30.86 0.71 0.00	31.77 0.71 0.00	29.43 0.68 0.00	28.83 0.72 0.00	28.33 0.70 0.00	32.28 0.87 0.00	32.94 0.90 0.00	31.72 0.85 0.00	30.67 0.83 0.00	33.12 0.93 0.00	31.93 0.89 0.00	33.97 0.95 0.00	32.81 0.93 0.00	34.20 0.96 0.00	38.94 1.10 0.00	43.63 1.26 0.00	46.82 1.23 0.00	38.31 0.97 0.00	38.47 1.00 0.00	37.93 1.02 0.00	33.32 0.95 0.00	33.84 0.97 0.00	31.39 0.86 0.00
GINNA____ 23603	29.08 -2.20 0.00	27.98 -2.16 0.00	28.80 -2.26 0.00	26.53 -2.22 0.00	25.91 -2.19 0.00	25.53 -2.10 0.00	28.85 -2.54 0.02	29.51 -2.47 0.05	28.59 -2.28 0.00	27.51 -2.11 0.21	28.60 -2.27 1.32	28.32 -2.22 0.51	30.27 -2.36 0.39	29.55 -2.27 0.06	30.87 -2.33 0.05	35.20 -2.62 0.02	38.79 -2.81 0.77	42.65 -2.94 0.00	35.00 -2.33 0.00	35.09 -2.32 0.06	34.76 -2.15 0.00	30.37 -2.01 0.00	30.94 -1.93 0.00	28.68 -1.85 0.00
GLEN PARK____ 23778	30.05 -1.23 0.00	29.14 -1.01 0.00	30.34 -0.72 0.00	28.51 -0.23 0.00	27.36 -0.75 0.00	26.92 -0.71 0.00	30.33 -1.08 0.00	31.09 -0.95 0.00	29.95 -0.93 0.00	29.04 -0.80 0.00	31.29 -0.91 0.00	30.00 -1.04 0.00	31.76 -1.26 0.00	30.81 -1.06 0.00	32.12 -1.13 0.00	36.55 -1.29 0.00	40.98 -1.39 0.00	44.28 -1.31 0.00	36.25 -1.08 0.00	36.54 -0.93 0.00	35.89 -1.02 0.00	31.42 -0.96 0.00	31.75 -1.11 0.00	29.51 -1.02 0.00
GLENDALE_27_KV_LOAD 356172	33.31 2.03 0.00	32.06 1.91 0.00	32.97 1.91 0.00	30.59 1.84 0.00	30.03 1.93 0.00	29.47 1.84 0.00	33.67 2.27 0.00	34.41 2.37 0.00	33.13 2.25 0.00	32.03 2.18 0.00	34.71 2.51 0.00	33.42 2.39 0.00	35.54 2.52 0.00	34.38 2.50 0.00	35.86 2.61 0.00	40.88 3.03 0.00	45.93 3.56 0.00	49.42 3.83 0.00	40.39 3.05 0.00	40.31 2.84 0.00	39.77 2.86 0.00	34.92 2.54 0.00	35.41 2.55 0.00	32.64 2.12 0.00
GLENWOOD_IC_1_G5 23712	33.25 1.97 0.00	31.96 1.82 0.00	32.85 1.79 0.00	30.46 1.72 0.00	29.91 1.81 0.00	29.39 1.76 0.00	33.52 2.11 0.00	34.20 2.17 0.00	32.86 1.98 0.00	31.82 1.98 0.00	34.55 2.35 0.00	33.28 2.24 0.00	35.29 2.26 0.00	34.14 2.27 0.00	35.58 2.34 0.00	40.43 2.58 0.00	45.51 3.14 0.00	48.95 3.36 0.00	39.95 2.61 0.00	39.87 2.40 0.00	39.30 2.39 0.00	34.57 2.19 0.00	35.27 2.41 0.00	32.58 2.05 0.00
GLENWOOD_IC_2_G1 23688	33.11 1.83 0.00	31.83 1.69 0.00	32.72 1.66 0.00	30.35 1.60 0.00	29.79 1.69 0.00	29.26 1.63 0.00	33.39 1.98 0.00	34.08 2.04 0.00	32.76 1.88 0.00	31.70 1.86 0.00	34.39 2.20 0.00	33.13 2.09 0.00	35.16 2.14 0.00	34.02 2.14 0.00	35.47 2.23 0.00	40.48 2.63 0.00	45.55 3.17 0.00	48.97 3.39 0.00	39.98 2.65 0.00	39.93 2.47 0.00	39.37 2.47 0.00	34.60 2.22 0.00	35.11 2.25 0.00	32.43 1.91 0.00
GLENWOOD_IC_3_G1 23689	33.11 1.83 0.00	31.83 1.69 0.00	32.72 1.66 0.00	30.35 1.60 0.00	29.79 1.69 0.00	29.26 1.63 0.00	33.39 1.98 0.00	34.08 2.04 0.00	32.76 1.88 0.00	31.70 1.86 0.00	34.39 2.20 0.00	33.13 2.09 0.00	35.16 2.14 0.00	34.02 2.14 0.00	35.47 2.23 0.00	40.48 2.63 0.00	45.55 3.17 0.00	48.97 3.39 0.00	39.98 2.65 0.00	39.93 2.47 0.00	39.37 2.47 0.00	34.60 2.22 0.00	35.11 2.25 0.00	32.43 1.91 0.00
GLENWOOD____4 23550	33.25 1.97 0.00	31.96 1.82 0.00	32.85 1.79 0.00	30.46 1.72 0.00	29.91 1.81 0.00	29.39 1.76 0.00	33.52 2.11 0.00	34.20 2.17 0.00	32.86 1.98 0.00	31.82 1.98 0.00	34.55 2.35 0.00	33.28 2.24 0.00	35.29 2.26 0.00	34.14 2.27 0.00	35.59 2.34 0.00	40.51 2.67 0.00	45.62 3.25 0.00	49.06 3.48 0.00	40.05 2.71 0.00	39.97 2.50 0.00	39.39 2.48 0.00	34.64 2.26 0.00	35.27 2.41 0.00	32.58 2.05 0.00
GLENWOOD____5 23614	33.25 1.97 0.00	31.96 1.82 0.00	32.85 1.79 0.00	30.46 1.72 0.00	29.91 1.81 0.00	29.39 1.76 0.00	33.52 2.11 0.00	34.20 2.17 0.00	32.86 1.98 0.00	31.82 1.98 0.00	34.55 2.35 0.00	33.28 2.24 0.00	35.29 2.26 0.00	34.14 2.27 0.00	35.59 2.34 0.00	40.51 2.67 0.00	45.62 3.25 0.00	49.06 3.48 0.00	40.05 2.71 0.00	39.97 2.50 0.00	39.39 2.48 0.00	34.64 2.26 0.00	35.27 2.41 0.00	32.58 2.05 0.00
GLOBAL GREEN_PORT_GT1 23814	33.50 2.22 0.00	32.05 1.91 0.00	32.82 1.76 0.00	30.38 1.64 0.00	29.89 1.79 0.00	29.62 1.99 0.00	33.63 2.22 0.00	34.10 2.06 0.00	32.41 1.53 0.00	31.30 1.46 0.00	34.06 1.87 0.00	32.77 1.73 0.00	34.57 1.55 0.00	33.50 1.62 0.00	37.74 1.82 -2.68	40.53 2.69 0.00	46.04 3.66 0.00	49.77 4.18 0.00	44.60 3.20 -4.07	44.18 2.89 -3.82	43.31 2.70 -3.70	37.21 2.52 -2.32	36.22 2.36 -0.99	32.47 1.95 0.00
GLOBE____DSASP 323697	28.80 -2.48 0.00	27.70 -2.44 0.00	28.51 -2.55 0.00	26.08 -2.67 0.00	25.39 -2.71 0.00	24.96 -2.67 0.00	27.88 -3.41 0.12	28.53 -3.24 0.27	27.95 -2.93 0.00	26.10 -2.66 1.08	22.81 -2.68 6.70	25.80 -2.68 2.56	28.12 -2.93 1.97	28.69 -2.90 0.29	29.99 -3.02 0.23	34.35 -3.39 0.10	34.83 -3.64 3.90	41.63 -3.96 0.00	34.30 -3.04 0.00	34.30 -2.89 0.28	34.42 -2.49 0.00	30.00 -2.38 0.00	30.91 -1.95 0.00	28.63 -1.89 0.00
GOETHSLN____LBMP 323567	33.00 1.72 0.00	31.73 1.59 0.00	32.63 1.58 0.00	30.27 1.53 0.00	29.73 1.63 0.00	29.20 1.56 0.00	33.37 1.96 0.00	34.07 2.04 0.00	32.78 1.90 0.00	31.69 1.85 0.00	34.31 2.11 0.00	33.04 2.00 0.00	35.13 2.11 0.00	34.00 2.13 0.00	35.45 2.21 0.00	40.42 2.57 0.00	45.42 3.06 0.00	48.87 3.28 0.00	39.94 2.60 0.00	39.87 2.40 0.00	39.33 2.42 0.00	34.52 2.15 0.00	35.02 2.16 0.00	32.30 1.78 0.00
GOLAH____69_KV_TB 1_2 80279	30.47 -0.81 0.00	29.30 -0.84 0.00	30.16 -0.90 0.00	27.73 -1.01 0.00	27.07 -1.04 0.00	26.65 -0.98 0.00	30.06 -1.33 0.02	30.82 -1.17 0.05	29.88 -0.99 0.00	28.76 -0.86 0.21	29.92 -0.94 1.33	29.56 -0.97 0.51	31.58 -1.05 0.39	30.83 -0.99 0.06	32.23 -0.97 0.05	36.79 -1.04 0.02	40.59 -1.01 0.77	44.66 -0.93 0.00	36.69 -0.64 0.00	36.80 -0.61 0.06	36.50 -0.41 0.00	31.84 -0.54 0.00	32.55 -0.31 0.00	30.14 -0.39 0.00
GOODYEAR_LAKE_HYD 323669	31.68 0.40 0.00	30.51 0.37 0.00	31.42 0.36 0.00	29.08 0.34 0.00	28.45 0.35 0.00	28.06 0.43 0.00	31.88 0.47 0.00	32.54 0.50 0.00	31.39 0.51 0.00	30.38 0.54 0.00	32.80 0.61 0.00	31.59 0.55 0.00	33.58 0.56 0.00	32.44 0.56 0.00	33.81 0.57 0.00	38.61 0.76 0.00	43.40 1.03 0.00	46.77 1.18 0.00	38.31 0.97 0.00	38.42 0.96 0.00	37.84 0.93 0.00	33.17 0.79 0.00	33.70 0.84 0.00	31.18 0.65 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.88 -0.40 0.00	29.75 -0.40 0.00	30.62 -0.44 0.00	28.34 -0.41 0.00	27.65 -0.45 0.00	27.30 -0.33 0.00	30.99 -0.45 -0.03	31.66 -0.44 -0.07	30.47 -0.41 0.00	29.78 -0.34 -0.28	33.56 -0.37 -1.74	31.31 -0.39 -0.66	33.09 -0.44 -0.51	31.53 -0.42 -0.07	32.91 -0.39 -0.06	37.44 -0.42 -0.03	43.01 -0.37 -1.01	45.22 -0.37 0.00	37.03 -0.30 0.00	37.25 -0.29 -0.07	36.60 -0.30 0.00	32.09 -0.29 0.00	32.64 -0.23 0.00	30.30 -0.22 0.00

GOUDEY___7 23579	30.88 -0.40 0.00	29.75 -0.40 0.00	30.62 -0.44 0.00	28.34 -0.41 0.00	27.65 -0.45 0.00	27.30 -0.33 0.00	30.99 -0.45 -0.03	31.66 -0.44 -0.07	30.47 -0.41 0.00	29.78 -0.34 -0.28	33.56 -0.37 -1.74	31.31 -0.39 -0.66	33.09 -0.44 -0.51	31.53 -0.42 -0.07	32.91 -0.39 -0.06	37.44 -0.42 -0.03	43.01 -0.37 -1.01	45.22 -0.37 0.00	37.03 -0.30 0.00	37.25 -0.29 -0.07	36.60 -0.30 0.00	32.09 -0.29 0.00	32.64 -0.23 0.00	30.30 -0.22 0.00
GOUDEY___8 23580	30.88 -0.40 0.00	29.75 -0.40 0.00	30.62 -0.44 0.00	28.34 -0.41 0.00	27.65 -0.45 0.00	27.30 -0.33 0.00	30.99 -0.45 -0.03	31.66 -0.44 -0.07	30.47 -0.41 0.00	29.78 -0.34 -0.28	33.56 -0.37 -1.74	31.31 -0.39 -0.66	33.09 -0.44 -0.51	31.53 -0.42 -0.07	32.91 -0.39 -0.06	37.44 -0.42 -0.03	43.01 -0.37 -1.01	45.22 -0.37 0.00	37.03 -0.30 0.00	37.25 -0.29 -0.07	36.60 -0.30 0.00	32.09 -0.29 0.00	32.64 -0.23 0.00	30.30 -0.22 0.00
GOWANUS_GT1_1 24077	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT1_2 24078	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT1_3 24079	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT1_4 24080	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT1_5 24084	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT1_6 24111	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.0																	

GOWANUS_GT2_6 24119	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT2_7 24120	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT2_8 24121	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_1 24122	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_2 24123	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_3 24124	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_4 24125	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_5 24126	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_6 24127	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_7 24128	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT3_8 24129	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT4_1 24130	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT4_2 24131	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT4_3 24132	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT4_4 24133	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00

GOWANUS_GT4_5 24134	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT4_6 24135	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT4_7 24136	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GOWANUS_GT4_8 24137	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GREATVRV_69_KV_BK1 356245	33.80 2.52 0.00	32.41 2.27 0.00	33.29 2.23 0.00	30.88 2.14 0.00	30.34 2.24 0.00	29.83 2.20 0.00	33.99 2.58 0.00	34.63 2.60 0.00	33.13 2.26 0.00	32.07 2.23 0.00	34.95 2.76 0.00	33.65 2.61 0.00	35.47 2.45 0.00	34.35 2.47 0.00	37.92 2.70 -1.98	41.22 3.38 0.00	46.70 4.33 0.00	50.33 4.74 0.00	44.13 3.78 -3.00	43.80 3.51 -2.82	43.03 3.40 -2.73	37.16 3.07 -1.71	36.60 3.01 -0.73	33.05 2.52 0.00
GREENBSH_115KV_TB3 55895	32.19 0.91 0.00	31.03 0.88 0.00	31.93 0.87 0.00	29.59 0.85 0.00	29.01 0.90 0.00	28.50 0.86 0.00	32.49 1.08 0.00	33.17 1.13 0.00	31.92 1.05 0.00	30.86 1.02 0.00	33.30 1.10 0.00	32.11 1.07 0.00	34.19 1.17 0.00	32.99 1.12 0.00	34.45 1.20 0.00	39.19 1.35 0.00	43.87 1.50 0.00	47.06 1.48 0.00	38.54 1.21 0.00	38.64 1.17 0.00	38.13 1.22 0.00	33.55 1.17 0.00	34.08 1.21 0.00	31.61 1.08 0.00
GREENDGE_115KV_TB5 80291	30.47 -0.81 0.00	29.36 -0.78 0.00	30.23 -0.83 0.00	27.94 -0.80 0.00	27.23 -0.88 0.00	26.96 -0.67 0.00	30.94 -0.83 -0.36	32.15 -0.71 -0.82	30.26 -0.62 0.00	32.54 -0.65 -3.35	52.15 -0.79 -20.74	38.07 -0.89 -7.92	38.03 -1.03 -6.04	31.80 -0.96 -0.88	33.14 -0.83 -0.72	37.35 -0.78 -0.30	53.80 -0.64 -12.07	45.13 -0.46 0.00	37.01 -0.32 0.00	38.09 -0.26 -0.88	36.60 -0.31 0.00	31.95 -0.43 0.00	32.56 -0.30 0.00	30.26 -0.26 0.00
GREENIDGE___3 23582	30.47 -0.81 0.00	29.36 -0.78 0.00	30.23 -0.83 0.00	27.94 -0.80 0.00	27.23 -0.88 0.00	26.96 -0.67 0.00	30.94 -0.83 -0.36	32.15 -0.71 -0.82	30.26 -0.62 0.00	32.54 -0.65 -3.35	52.15 -0.79 -20.74	38.07 -0.89 -7.92	38.03 -1.03 -6.04	31.80 -0.96 -0.88	33.14 -0.83 -0.72	37.35 -0.78 -0.30	53.80 -0.64 -12.07	45.13 -0.46 0.00	37.01 -0.32 0.00	38.09 -0.26 -0.88	36.60 -0.31 0.00	31.95 -0.43 0.00	32.56 -0.30 0.00	30.26 -0.26 0.00
GREENIDGE___4 23583	30.48 -0.80 0.00	29.36 -0.78 0.00	30.22 -0.83 0.00	27.94 -0.80 0.00	27.23 -0.87 0.00	26.96 -0.67 0.00	30.94 -0.83 -0.36	32.14 -0.71 -0.82	30.26 -0.62 0.00	32.53 -0.66 -3.35	52.13 -0.80 -20.74	38.08 -0.89 -7.92	38.03 -1.03 -6.04	31.80 -0.96 -0.88	33.14 -0.83 -0.72	37.36 -0.78 -0.30	53.80 -0.65 -12.07	45.14 -0.45 0.00	37.01 -0.32 0.00	38.09 -0.26 -0.88	36.60 -0.31 0.00	31.95 -0.43 0.00	32.56 -0.30 0.00	30.26 -0.26 0.00
GREENLWN_69_KV_BK 3 55738	33.23 1.95 0.00	31.90 1.76 0.00	32.77 1.71 0.00	30.40 1.66 0.00	29.86 1.76 0.00	29.32 1.68 0.00	33.37 1.96 0.00	33.99 1.95 0.00	32.55 1.67 0.00	31.57 1.73 0.00	34.47 2.28 0.00	33.22 2.18 0.00	35.00 1.97 0.00	33.84 1.96 0.00	32.89 1.98 2.34	40.44 2.60 0.00	45.71 3.34 0.00	49.18 3.59 0.00	36.48 2.69 3.55	36.59 2.45 3.33	36.06 2.38 3.23	32.56 2.20 2.02	34.20 2.20 0.87	32.44 1.91 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
GRISSOM___SOLAR 323813	31.99 0.71 0.00	30.80 0.66 0.00	31.74 0.68 0.00	29.36 0.62 0.00	28.72 0.62 0.00	28.26 0.62 0.00	32.20 0.79 0.00	32.90 0.87 0.00	31.71 0.83 0.00	30.64 0.80 0.00	33.08 0.88 0.00	31.85 0.81 0.00	33.94 0.92 0.00	32.77 0.89 0.00	34.25 1.00 0.00	39.14 1.30 0.00	43.90 1.53 0.00	47.40 1.81 0.00	38.81 1.47 0.00	38.93 1.47 0.00	38.35 1.44 0.00	33.61 1.23 0.00	34.17 1.31 0.00	31.66 1.14 0.00
GROVEVILLE___HYD 323602	33.12 1.84 0.00	31.85 1.71 0.00	32.75 1.69 0.00	30.37 1.63 0.00	29.79 1.68 0.00	29.27 1.64 0.00	33.40 2.00 0.00	34.12 2.08 0.00	32.85 1.97 0.00	31.75 1.90 0.00	34.37 2.18 0.00	33.12 2.08 0.00	35.22 2.20 0.00	34.05 2.18 0.00	35.54 2.29 0.00	40.54 2.70 0.00	45.53 3.16 0.00	48.95 3.37 0.00	40.03 2.70 0.00	40.04 2.57 0.00	39.50 2.59 0.00	34.67 2.29 0.00	35.15 2.29 0.00	32.48 1.96 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.90 -0.38 0.00	29.77 -0.38 0.00	30.67 -0.39 0.00	28.39 -0.36 0.00	27.73 -0.38 0.00	27.30 -0.33 0.00	30.94 -0.47 0.00	31.53 -0.50 0.00	30.41 -0.46 0.00	29.44 -0.41 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.50 0.00	31.46 -0.41 0.00	32.82 -0.43 0.00	37.36 -0.48 0.00	41.88 -0.49 0.00	45.11 -0.48 0.00	36.95 -0.39 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.52 -0.35 0.00	30.22 -0.31 0.00
HAMLTNNY_34_KV_TB 80303	30.90 -0.38 0.00	29.76 -0.38 0.00	30.65 -0.41 0.00	28.35 -0.40 0.00	27.68 -0.42 0.00	27.27 -0.36 0.00	30.91 -0.50 0.00	31.50 -0.53 0.00	30.40 -0.48 0.00	29.41 -0.43 0.00	31.75 -0.44 0.00	30.59 -0.45 0.00	32.47 -0.55 0.00	31.40 -0.48 0.00	32.78 -0.46 0.00	37.35 -0.49 0.00	41.90 -0.47 0.00	45.13 -0.46 0.00	36.99 -0.35 0.00	37.11 -0.36 0.00	36.58 -0.33 0.00	32.08 -0.30 0.00	32.55 -0.32 0.00	30.25 -0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	30.36 -0.92 0.00	29.49 -0.65 0.00	30.65 -0.42 0.00	28.55 -0.19 0.00	27.54 -0.57 0.00	27.03 -0.61 0.00	30.58 -0.83 0.00	31.31 -0.72 0.00	30.19 -0.68 0.00	29.15 -0.70 0.00	31.44 -0.75 0.00	30.21 -0.83 0.00	32.07 -0.95 0.00	31.02 -0.85 0.00	32.17 -1.07 0.00	36.57 -1.28 0.00	40.77 -1.61 0.00	43.99 -1.60 0.00	36.04 -1.30 0.00	36.33 -1.14 0.00	35.66 -1.25 0.00	31.30 -1.08 0.00	31.67 -1.19 0.00	29.56 -0.97 0.00
HARDSCRABBLE_WT_PWR 323673	32.70 1.43 0.00	31.45 1.31 0.00	32.34 1.28 0.00	29.93 1.19 0.00	29.34 1.23 0.00	28.95 1.31 0.00	33.01 1.61 0.00	33.70 1.66 0.00	32.43 1.56 0.00	31.37 1.53 0.00	33.80 1.60 0.00	32.61 1.57 0.00	34.68 1.67 0.00	33.48 1.61 0.00	35.06 1.82 0.00	39.86 2.01 0.00	44.74 2.37 0.00	47.85 2.26 0.00	39.16 1.82 0.00	39.28 1.81 0.00	38.75 1.84 0.00	34.02 1.65 0.00	34.61 1.75 0.00	32.05 1.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.89 1.61 0.00	31.62 1.48 0.00	32.52 1.46 0.00	30.17 1.43 0.00	29.58 1.47 0.00	29.07 1.43 0.00	33.17 1.76 0.00	33.86 1.83 0.00	32.60 1.72 0.00	31.51 1.67 0.00	34.07 1.88 0.00	32.81 1.77 0.00	34.91 1.89 0.00	33.79 1.91 0.00	35.27 2.02 0.00	40.23 2.39 0.00	45.20 2.83 0.00	48.63 3.04 0.00	39.75 2.41 0.00	39.75 2.28 0.00	39.20 2.29 0.00	34.40 2.03 0.00	34.88 2.02 0.00	32.23 1.71 0.00
HARSNRAD_115KV_TB1 81005	29.27 -2.01 0.00	28.16 -1.99 0.00	28.97 -2.09 0.00	26.51 -2.23 0.00	25.82 -2.28 0.00	25.41 -2.23 0.00	28.31 -2.98 0.12	28.99 -2.78 0.27	28.38 -2.50 0.00	26.49 -2.26 1.09	23.13 -2.31 6.75	26.11 -2.35 2.58	28.47 -2.57 1.98	29.07 -2.52 0.29	30.41 -2.60 0.23	34.84 -2.91 0.10	35.28 -3.16 3.93	42.32 -3.27 0.00	34.86 -2.48 0.00	34.83 -2.35 0.29	34.94 -1.97 0.00	30.46 -1.92 0.00	31.36 -1.50 0.00	29.04 -1.48 0.00
HARZA MOOSE___RIVER 24016	30.77 -0.51 0.00	29.84 -0.30 0.00	30.96 -0.10 0.00	28.91 0.16 0.00	27.90 -0.21 0.00	27.44 -0.20 0.00	31.06 -0.35 0.00	31.81 -0.23 0.00	30.66 -0.22 0.00	29.68 -0.16 0.00	32.08 -0.11 0.00	30.80 -0.24 0.00	32.68 -0.33 0.00	31.69 -0.18 0.00	32.96 -0.28 0.00	37.56 -0.28 0.00	42.02 -0.35 0.00	45.25 -0.34 0.00	37.05 -0.29 0.00	37.37 -0.10 0.00	36.74 -0.17 0.00	32.25 -0.12 0.00	32.56 -0.30 0.00	30.30 -0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.71 -0.57 0.00	29.59 -0.55 0.00	30.48 -0.58 0.00	28.21 -0.53 0.00	27.57 -0.54 0.00	27.13 -0.50 0.00	30.73 -0.67 0.00	31.32 -0.71 0.00	30.21 -0.67 0.00	29.25 -0.58 0.00	31.55 -0.64 0.00	30.43 -0.61 0.00	32.33 -0.69 0.00	31.25 -0.63 0.00	32.60 -0.65 0.00	37.10 -0.74 0.00	41.60 -0.77 0.00	44.78 -0.81 0.00	36.69 -0.65 0.00	36.80 -0.67 0.00	36.26 -0.65 0.00	31.82 -0.55 0.00	32.32 -0.55 0.00	30.03 -0.50 0.00
HELLGATE_13_KV_LD 55870	33.36 2.08 0.00	32.12 1.98 0.00	33.04 1.98 0.00	30.65 1.90 0.00	30.09 1.98 0.00	29.53 1.89 0.00	33.74 2.33 0.00	34.48 2.44 0.00	33.18 2.30 0.00	32.07 2.23 0.00	34.78 2.58 0.00	33.49 2.45 0.00	35.61 2.59 0.00	34.45 2.57 0.00	35.92 2.67 0.00	40.95 3.11 0.00	46.02 3.65 0.00	49.51 3.92 0.00	40.45 3.11 0.00	40.39 2.92 0.00	39.84 2.93 0.00	34.97 2.59 0.00	35.48 2.62 0.00	32.69 2.17 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.36 2.08 0.00	32.12 1.98 0.00	33.04 1.98 0.00	30.65 1.90 0.00	30.09 1.98 0.00	29.53 1.89 0.00	33.74 2.33 0.00	34.48 2.44 0.00	33.18 2.30 0.00	32.07 2.23 0.00	34.78 2.58 0.00	33.49 2.45 0.00	35.61 2.59 0.00	34.45 2.57 0.00	35.92 2.67 0.00	40.95 3.11 0.00	46.02 3.65 0.00	49.51 3.92 0.00	40.45 3.11 0.00	40.39 2.92 0.00	39.84 2.93 0.00	34.97 2.59 0.00	35.48 2.62 0.00	32.69 2.17 0.00
HEMPSTEAD____ 23647	33.14 1.86 0.00	31.84 1.70 0.00	32.72 1.65 0.00	30.35 1.60 0.00	29.80 1.70 0.00	29.29 1.66 0.00	33.39 1.98 0.00	34.05 2.02 0.00	32.68 1.80 0.00	31.66 1.82 0.00	34.42 2.22 0.00	33.16 2.12 0.00	35.09 2.07 0.00	33.96 2.08 0.00	35.38 2.14 0.00	40.43 2.59 0.00	45.59 3.21 0.00	49.03 3.44 0.00	39.98 2.64 0.00	39.89 2.42 0.00	39.29 2.38 0.00	34.58 2.20 0.00	35.13 2.26 0.00	32.47 1.94 0.00
HICKLING___1 23621	30.02 -1.26 0.00	28.93 -1.21 0.00	29.78 -1.28 0.00	27.52 -1.23 0.00	26.79 -1.31 0.00	26.52 -1.12 0.00	30.15 -1.38 -0.12	30.97 -1.36 -0.29	29.64 -1.24 0.00	29.86 -1.15 -1.17	38.13 -1.28 -7.22	32.49 -1.30 -2.76	33.49 -1.45 -1.92	30.80 -1.39 -0.31	32.16 -1.33 -0.25	36.47 -1.48 -0.10	45.07 -1.50 -4.20	44.11 -1.47 0.00	36.15 -1.19 0.00	36.66 -1.11 -0.31	35.77 -1.13 0.00	31.29 -1.09 0.00	31.90 -0.97 0.00	29.68 -0.85 0.00
HICKLING___2 23622	30.02 -1.26 0.00	28.93 -1.21 0.00	29.78 -1.28 0.00	27.52 -1.23 0.00	26.79 -1.31 0.00	26.52 -1.12 0.00	30.15 -1.38 -0.12	30.97 -1.36 -0.29	29.64 -1.24 0.00	29.86 -1.15 -1.17	38.13 -1.28 -7.22	32.49 -1.30 -2.76	33.49 -1.45 -1.92	30.80 -1.39 -0.31	32.16 -1.33 -0.25	36.47 -1.48 -0.10	45.07 -1.50 -4.20	44.11 -1.47 0.00	36.15 -1.19 0.00	36.66 -1.11 -0.31	35.77 -1.13 0.00	31.29 -1.09 0.00	31.90 -0.97 0.00	29.68 -0.85 0.00
HIGH FALLS___HY 23754	33.04 1.76 0.00	31.76 1.62 0.00	32.66 1.60 0.00	30.29 1.55 0.00	29.71 1.60 0.00	29.20 1.57 0.00	33.33 1.92 0.00	34.05 2.02 0.00	32.78 1.90 0.00	31.64 1.80 0.00	34.33 2.13 0.00	33.06 2.02 0.00	35.00 1.97 0.00	33.61 1.74 0.00	35.13 1.88 0.00	40.15 2.31 0.00	45.27 2.89 0.00	48.73 3.14 0.00	39.84 2.50 0.00	39.85 2.39 0.00	39.32 2.41 0.00	34.66 2.28 0.00	35.11 2.25 0.00	32.42 1.89 0.00
HIGH_RIVER___SOLAR 323847	31.90 0.61 0.00	30.72 0.58 0.00	31.66 0.60 0.00	29.30 0.56 0.00	28.67 0.57 0.00	28.20 0.57 0.00	32.12 0.71 0.00	32.76 0.72 0.00	31.51 0.64 0.00	30.50 0.65 0.00	32.90 0.70 0.00	31.69 0.65 0.00	33.64 0.62 0.00	32.45 0.57 0.00	34.02 0.78 0.00	38.97 1.12 0.00	43.74 1.37 0.00	47.20 1.61 0.00	38.65 1.31 0.00	38.78 1.31 0.00	38.22 1.31 0.00	33.48 1.11 0.00	34.03 1.16 0.00	31.54 1.02 0.00
HILLBURN___GT 23639	32.84 1.56 0.00	31.57 1.43 0.00	32.47 1.41 0.00	30.12 1.37 0.00	29.53 1.43 0.00	29.01 1.38 0.00	33.12 1.71 0.00	33.81 1.78 0.00	32.54 1.67 0.00	31.47 1.63 0.00	34.04 1.85 0.00	32.77 1.73 0.00	34.86 1.84 0.00	33.75 1.88 0.00	35.21 1.96 0.00	40.16 2.31 0.00	45.12 2.74 0.00	48.55 2.96 0.00	39.68 2.34 0.00	39.65 2.19 0.00	39.12 2.21 0.00	34.32 1.94 0.00	34.81 1.94 0.00	32.15 1.62 0.00
HILLSIDE_115KV_TB1 80332	29.91 -1.37 0.00	28.82 -1.33 0.00	29.66 -1.39 0.00	27.44 -1.30 0.00	26.70 -1.41 0.00	26.45 -1.19 0.00	30.06 -1.45 -0.10	30.80 -1.46 -0.23	29.50 -1.38 0.00	29.51 -1.26 -0.93	36.55 -1.38 -5.74	31.84 -1.39 -2.19	33.14 -1.52 -1.64	30.67 -1.45 -0.24	32.02 -1.43 -0.20	36.29 -1.64 -0.08	44.01 -1.71 -3.34	43.85 -1.74 0.00	35.92 -1.42 0.00	36.36 -1.36 -0.24	35.52 -1.38 0.00	31.08 -1.29 0.00	31.67 -1.20 0.00	29.46 -1.07 0.00

HISHELDN_WT_PWR 323625	28.85 -2.43 0.00	27.79 -2.35 0.00	28.58 -2.48 0.00	26.21 -2.53 0.00	25.51 -2.60 0.00	25.14 -2.50 0.00	27.86 -3.15 0.40	28.09 -3.02 0.92	28.09 -2.79 0.00	23.46 -2.62 3.76	6.12 -2.81 23.27	19.32 -2.83 8.89	23.12 -3.07 6.83	27.92 -2.96 0.99	29.41 -3.02 0.81	34.17 -3.34 0.33	25.21 -3.62 13.54	41.89 -3.69 0.00	34.47 -2.86 0.00	33.73 -2.75 0.99	34.47 -2.44 0.00	30.07 -2.31 0.00	30.91 -1.96 0.00	28.74 -1.79 0.00
HOLTSVILLE_IC_1 23690	33.36 2.08 0.00	31.99 1.85 0.00	32.86 1.80 0.00	30.47 1.73 0.00	29.94 1.84 0.00	29.45 1.82 0.00	33.54 2.13 0.00	34.15 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.44 2.25 0.00	33.16 2.13 0.00	34.97 1.95 0.00	33.82 1.95 0.00	38.12 2.04 -2.83	40.54 2.70 0.00	45.88 3.51 0.00	49.43 3.84 0.00	44.56 2.92 -4.30	44.17 2.66 -4.04	43.39 2.56 -3.91	37.21 2.38 -2.45	36.26 2.34 -1.05	32.53 2.00 0.00
HOLTSVILLE_IC_10 23699	33.51 2.23 0.00	32.13 1.99 0.00	32.99 1.93 0.00	30.59 1.85 0.00	30.07 1.96 0.00	29.57 1.94 0.00	33.70 2.29 0.00	34.32 2.28 0.00	32.75 1.88 0.00	31.70 1.86 0.00	34.58 2.38 0.00	33.28 2.24 0.00	35.09 2.07 0.00	33.95 2.07 0.00	37.73 2.19 -2.30	40.74 2.90 0.00	46.15 3.78 0.00	49.74 4.15 0.00	44.01 3.18 -3.50	43.66 2.91 -3.28	42.89 2.81 -3.18	36.96 2.60 -1.99	36.25 2.53 -0.85	32.68 2.16 0.00
HOLTSVILLE_IC_2 23691	33.36 2.08 0.00	31.99 1.85 0.00	32.86 1.80 0.00	30.47 1.73 0.00	29.94 1.84 0.00	29.45 1.82 0.00	33.54 2.13 0.00	34.15 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.44 2.25 0.00	33.16 2.13 0.00	34.97 1.95 0.00	33.82 1.95 0.00	38.12 2.04 -2.83	40.54 2.70 0.00	45.88 3.51 0.00	49.43 3.84 0.00	44.56 2.92 -4.30	44.17 2.66 -4.04	43.39 2.56 -3.91	37.21 2.38 -2.45	36.26 2.34 -1.05	32.53 2.00 0.00
HOLTSVILLE_IC_3 23692	33.36 2.08 0.00	31.99 1.85 0.00	32.86 1.80 0.00	30.47 1.73 0.00	29.94 1.84 0.00	29.45 1.82 0.00	33.54 2.13 0.00	34.15 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.44 2.25 0.00	33.16 2.13 0.00	34.97 1.95 0.00	33.82 1.95 0.00	38.12 2.04 -2.83	40.54 2.70 0.00	45.88 3.51 0.00	49.43 3.84 0.00	44.56 2.92 -4.30	44.17 2.66 -4.04	43.39 2.56 -3.91	37.21 2.38 -2.45	36.26 2.34 -1.05	32.53 2.00 0.00
HOLTSVILLE_IC_4 23693	33.36 2.08 0.00	31.99 1.85 0.00	32.86 1.80 0.00	30.47 1.73 0.00	29.94 1.84 0.00	29.45 1.82 0.00	33.54 2.13 0.00	34.15 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.44 2.25 0.00	33.16 2.13 0.00	34.97 1.95 0.00	33.82 1.95 0.00	38.12 2.04 -2.83	40.54 2.70 0.00	45.88 3.51 0.00	49.43 3.84 0.00	44.56 2.92 -4.30	44.17 2.66 -4.04	43.39 2.56 -3.91	37.21 2.38 -2.45	36.26 2.34 -1.05	32.53 2.00 0.00
HOLTSVILLE_IC_5 23694	33.36 2.08 0.00	31.99 1.85 0.00	32.86 1.80 0.00	30.47 1.73 0.00	29.94 1.84 0.00	29.45 1.82 0.00	33.54 2.13 0.00	34.15 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.44 2.25 0.00	33.16 2.13 0.00	34.97 1.95 0.00	33.82 1.95 0.00	38.12 2.04 -2.83	40.54 2.70 0.00	45.88 3.51 0.00	49.43 3.84 0.00	44.56 2.92 -4.30	44.17 2.66 -4.04	43.39 2.56 -3.91	37.21 2.38 -2.45	36.26 2.34 -1.05	32.53 2.00 0.00
HOLTSVILLE_IC_6 23695	33.51 2.23 0.00	32.13 1.99 0.00	32.99 1.93 0.00	30.59 1.85 0.00	30.07 1.96 0.00	29.57 1.94 0.00	33.70 2.29 0.00	34.32 2.28 0.00	32.75 1.88 0.00	31.70 1.86 0.00	34.58 2.38 0.00	33.28 2.24 0.00	35.09 2.07 0.00	33.95 2.07 0.00	37.73 2.19 -2.30	40.74 2.90 0.00	46.15 3.78 0.00	49.74 4.15 0.00	44.01 3.18 -3.50	43.66 2.91 -3.28	42.89 2.81 -3.18	36.96 2.60 -1.99	36.25 2.53 -0.85	32.68 2.16 0.00
HOLTSVILLE_IC_7 23696	33.51 2.23 0.00	32.13 1.99 0.00	32.99 1.93 0.00	30.59 1.85 0.00	30.07 1.96 0.00	29.57 1.94 0.00	33.70 2.29 0.00	34.32 2.28 0.00	32.75 1.88 0.00	31.70 1.86 0.00	34.58 2.38 0.00	33.28 2.24 0.00	35.09 2.07 0.00	33.95 2.07 0.00	37.73 2.19 -2.30	40.74 2.90 0.00	46.15 3.78 0.00	49.74 4.15 0.00	44.01 3.18 -3.50	43.66 2.91 -3.28	42.89 2.81 -3.18	36.96 2.60 -1.99	36.25 2.53 -0.85	32.68 2.16 0.00
HOLTSVILLE_IC_8 23697	33.51 2.23 0.00	32.13 1.99 0.00	32.99 1.93 0.00	30.59 1.85 0.00	30.07 1.96 0.00	29.57 1.94 0.00	33.70 2.29 0.00	34.32 2.28 0.00	32.75 1.88 0.00	31.70 1.86 0.00	34.58 2.38 0.00	33.28 2.24 0.00	35.09 2.07 0.00	33.95 2.07 0.00	37.73 2.19 -2.30	40.74 2.90 0.00	46.15 3.78 0.00	49.74 4.15 0.00	44.01 3.18 -3.50	43.66 2.91 -3.28	42.89 2.81 -3.18	36.96 2.60 -1.99	36.25 2.53 -0.85	32.68 2.16 0.00
HOLTSVILLE_IC_9 23698	33.51 2.23 0.00	32.13 1.99 0.00	32.99 1.93 0.00	30.59 1.85 0.00	30.07 1.96 0.00	29.57 1.94 0.00	33.70 2.29 0.00	34.32 2.28 0.00	32.75 1.88 0.00	31.70 1.86 0.00	34.58 2.38 0.00	33.28 2.24 0.00	35.09 2.07 0.00	33.95 2.07 0.00	37.73 2.19 -2.30	40.74 2.90 0.00	46.15 3.78 0.00	49.74 4.15 0.00	44.01 3.18 -3.50	43.66 2.91 -3.28	42.89 2.81 -3.18	36.96 2.60 -1.99	36.25 2.53 -0.85	32.68 2.16 0.00
HOMER_HL_115KV_TB2 355744	29.78 -1.50 0.00	28.63 -1.51 0.00	29.49 -1.58 0.00	27.12 -1.62 0.00	26.38 -1.72 0.00	26.05 -1.58 0.00	29.43 -1.96 0.02	30.22 -1.77 0.05	29.16 -1.71 0.00	28.14 -1.51 0.19	29.40 -1.60 1.19	28.98 -1.60 0.45	30.92 -1.75 0.35	30.12 -1.71 0.05	31.48 -1.73 0.04	35.88 -1.95 0.02	39.67 -2.01 0.69	43.48 -2.11 0.00	35.73 -1.61 0.00	35.84 -1.58 0.05	35.44 -1.47 0.00	30.88 -1.49 0.00	31.72 -1.15 0.00	29.56 -0.96 0.00
HOWARD_WT_PWR 323690	28.47 -2.81 0.00	27.43 -2.71 0.00	28.27 -2.79 0.00	26.08 -2.66 0.00	25.33 -2.78 0.00	24.98 -2.66 0.00	28.76 -3.16 -0.52	30.28 -2.94 -1.18	28.20 -2.68 0.00	32.00 -2.65 -4.82	59.01 -2.99 -29.81	39.25 -3.18 -11.39	38.28 -3.46 -8.72	29.87 -3.28 -1.27	30.96 -3.33 -1.04	34.71 -3.56 -0.43	55.96 -3.75 -17.35	41.97 -3.62 0.00	34.55 -2.79 0.00	36.13 -2.61 -1.26	34.37 -2.54 0.00	29.89 -2.49 0.00	30.62 -2.24 0.00	28.74 -1.78 0.00
HQ_GEN_CEDARS 23644	31.55 0.26 0.00	30.45 0.31 0.00	31.45 0.39 0.00	29.02 0.28 0.00	28.32 0.22 0.00	27.83 0.20 0.00	31.67 0.26 0.00	32.36 0.32 0.00	31.22 0.35 0.00	30.08 0.24 0.00	32.40 0.21 0.00	31.24 0.20 0.00	33.26 0.24 0.00	32.05 0.17 0.00	33.35 0.10 0.00	37.93 0.09 0.00	42.28 -0.09 0.00	45.62 0.04 0.00	37.37 0.04 0.00	37.55 0.09 0.00	36.88 -0.02 0.00	32.30 -0.08 0.00	32.74 -0.12 0.00	30.49 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	31.54 0.26 0.00	30.45 0.31 0.00	31.45 0.39 0.00	29.02 0.28 0.00	28.32 0.22 0.00	27.71 0.20 0.12	31.67 0.26 0.00	32.36 0.32 0.00	31.22 0.35 0.00	30.08 0.24 0.00	32.41 0.22 0.00	31.24 0.20 0.00	33.26 0.24 0.00	32.05 0.17 0.00	33.35 0.10 0.00	37.93 0.09 0.00	41.78 -0.09 0.51	45.62 0.04 0.00	37.37 0.04 0.00	37.56 0.09 0.00	36.88 -0.02 0.00	32.30 -0.08 0.00	32.74 -0.12 0.00	30.49 -0.04 0.00

HQ_GEN_IMPORT 323601	31.20 -0.08 0.00	30.07 -0.07 0.00	31.02 -0.04 0.00	28.66 -0.08 0.00	28.00 -0.11 0.00	27.53 -0.10 0.00	31.33 -0.08 0.00	31.97 -0.07 0.00	30.82 -0.05 0.00	29.74 -0.10 0.00	32.06 -0.13 0.00	30.92 -0.12 0.00	32.90 -0.12 0.00	31.73 -0.15 0.00	33.08 -0.17 0.00	37.66 -0.19 0.00	42.12 -0.26 0.00	45.37 -0.22 0.00	37.17 -0.17 0.00	37.32 -0.15 0.00	36.71 -0.20 0.00	32.14 -0.24 0.00	32.60 -0.27 0.00	30.31 -0.21 0.00
HQ_GEN_WHEEL 23651	31.20 -0.08 0.00	30.07 -0.07 0.00	31.02 -0.04 0.00	28.66 -0.08 0.00	28.00 -0.11 0.00	27.53 -0.10 0.00	31.33 -0.08 0.00	31.97 -0.07 0.00	30.82 -0.05 0.00	29.74 -0.10 0.00	32.06 -0.13 0.00	30.92 -0.12 0.00	32.90 -0.12 0.00	31.73 -0.15 0.00	33.08 -0.17 0.00	37.66 -0.19 0.00	42.12 -0.26 0.00	45.37 -0.22 0.00	37.17 -0.17 0.00	37.32 -0.15 0.00	36.71 -0.20 0.00	32.14 -0.24 0.00	32.60 -0.27 0.00	30.31 -0.21 0.00
HUDSON AVE_GT_3 23810	33.16 1.88 0.00	31.91 1.76 0.00	32.80 1.74 0.00	30.43 1.68 0.00	29.88 1.78 0.00	29.33 1.70 0.00	33.51 2.10 0.00	34.23 2.20 0.00	32.95 2.07 0.00	31.86 2.02 0.00	34.52 2.33 0.00	33.25 2.21 0.00	35.36 2.34 0.00	34.21 2.33 0.00	35.67 2.42 0.00	40.67 2.82 0.00	45.72 3.34 0.00	49.15 3.56 0.00	40.16 2.83 0.00	40.09 2.62 0.00	39.55 2.65 0.00	34.72 2.34 0.00	35.22 2.36 0.00	32.48 1.96 0.00
HUDSON AVE_GT_4 23540	33.16 1.88 0.00	31.91 1.76 0.00	32.80 1.74 0.00	30.43 1.68 0.00	29.88 1.78 0.00	29.33 1.70 0.00	33.51 2.10 0.00	34.23 2.20 0.00	32.95 2.07 0.00	31.86 2.02 0.00	34.52 2.33 0.00	33.25 2.21 0.00	35.36 2.34 0.00	34.21 2.33 0.00	35.67 2.42 0.00	40.67 2.82 0.00	45.72 3.34 0.00	49.15 3.56 0.00	40.16 2.83 0.00	40.09 2.62 0.00	39.55 2.65 0.00	34.72 2.34 0.00	35.22 2.36 0.00	32.48 1.96 0.00
HUDSON AVE_GT_5 23657	33.16 1.88 0.00	31.91 1.76 0.00	32.80 1.74 0.00	30.43 1.68 0.00	29.88 1.78 0.00	29.33 1.70 0.00	33.51 2.10 0.00	34.23 2.20 0.00	32.95 2.07 0.00	31.86 2.02 0.00	34.52 2.33 0.00	33.25 2.21 0.00	35.36 2.34 0.00	34.21 2.33 0.00	35.67 2.42 0.00	40.67 2.82 0.00	45.72 3.34 0.00	49.15 3.56 0.00	40.16 2.83 0.00	40.09 2.62 0.00	39.55 2.65 0.00	34.72 2.34 0.00	35.22 2.36 0.00	32.48 1.96 0.00
HUDSON_AVE_10 24168	32.99 1.71 0.00	31.73 1.59 0.00	32.61 1.56 0.01	30.26 1.52 0.00	29.75 1.64 0.00	29.19 1.56 0.00	33.38 1.97 0.00	34.10 2.06 0.00	32.86 1.98 0.00	31.74 1.90 0.00	34.39 2.20 0.00	33.14 2.10 0.00	35.25 2.23 0.00	34.08 2.20 0.00	35.53 2.28 0.00	40.50 2.66 0.00	45.49 3.12 0.00	48.91 3.32 0.00	39.96 2.63 0.00	39.90 2.44 0.00	39.38 2.48 0.00	34.56 2.18 0.00	35.07 2.20 0.00	32.34 1.81 0.00
HUDSON___115KV_TB 4 355613	32.81 1.53 0.00	31.61 1.47 0.00	32.52 1.46 0.00	30.13 1.39 0.00	29.54 1.44 0.00	29.06 1.43 0.00	33.15 1.74 0.00	33.91 1.87 0.00	32.62 1.74 0.00	31.49 1.65 0.00	33.98 1.78 0.00	32.65 1.61 0.00	34.69 1.67 0.00	33.45 1.57 0.00	35.10 1.85 0.00	40.03 2.19 0.00	44.99 2.62 0.00	48.37 2.78 0.00	39.62 2.28 0.00	39.69 2.22 0.00	39.11 2.20 0.00	34.36 1.98 0.00	34.87 2.01 0.00	32.34 1.82 0.00
HUNTER MOUNT___DRP 323613	32.94 1.66 0.00	31.73 1.59 0.00	32.66 1.60 0.00	30.26 1.52 0.00	29.66 1.55 0.00	29.19 1.55 0.00	33.31 1.90 0.00	34.08 2.05 0.00	32.80 1.92 0.00	31.63 1.79 0.00	34.17 1.97 0.00	32.74 1.70 0.00	34.83 1.81 0.00	33.58 1.71 0.00	35.26 2.01 0.00	40.25 2.41 0.00	45.27 2.90 0.00	48.67 3.08 0.00	39.88 2.54 0.00	39.93 2.47 0.00	39.35 2.44 0.00	34.54 2.17 0.00	35.05 2.19 0.00	32.50 1.98 0.00
HUNTINGTON_RES_REC 323705	33.32 2.04 0.00	31.97 1.83 0.00	32.83 1.77 0.00	30.45 1.71 0.00	29.92 1.82 0.00	29.40 1.77 0.00	33.47 2.06 0.00	34.09 2.05 0.00	32.59 1.71 0.00	31.58 1.74 0.00	34.47 2.27 0.00	33.20 2.16 0.00	34.97 1.95 0.00	33.83 1.95 0.00	34.64 2.02 0.62	40.53 2.69 0.00	45.88 3.51 0.00	49.42 3.83 0.00	39.29 2.90 0.95	39.21 2.64 0.89	38.60 2.56 0.86	34.19 2.36 0.54	34.95 2.32 0.23	32.52 1.99 0.00
HUNTLEY___63 23557	29.38 -1.90 0.00	28.26 -1.89 0.00	29.09 -1.97 0.00	26.61 -2.13 0.00	25.92 -2.19 0.00	25.51 -2.12 0.00	28.47 -2.81 0.12	29.15 -2.61 0.28	28.55 -2.32 0.00	26.61 -2.09 1.14	22.99 -2.11 7.09	26.18 -2.15 2.71	28.60 -2.34 2.08	29.26 -2.32 0.30	30.62 -2.38 0.25	35.09 -2.65 0.10	35.41 -2.84 4.12	42.63 -2.96 0.00	35.10 -2.24 0.00	35.06 -2.11 0.30	35.17 -1.75 0.00	30.65 -1.73 0.00	31.55 -1.32 0.00	29.21 -1.32 0.00
HUNTLEY___64 23558	29.38 -1.90 0.00	28.26 -1.89 0.00	29.09 -1.97 0.00	26.61 -2.13 0.00	25.92 -2.19 0.00	25.51 -2.12 0.00	28.47 -2.81 0.12	29.15 -2.61 0.28	28.55 -2.32 0.00	26.61 -2.09 1.14	22.99 -2.11 7.09	26.18 -2.15 2.71	28.60 -2.34 2.08	29.26 -2.32 0.30	30.62 -2.38 0.25	35.09 -2.65 0.10	35.41 -2.84 4.12	42.63 -2.96 0.00	35.10 -2.24 0.00	35.06 -2.11 0.30	35.17 -1.75 0.00	30.65 -1.73 0.00	31.55 -1.32 0.00	29.21 -1.32 0.00
HUNTLEY___65 23559	29.38 -1.90 0.00	28.26 -1.89 0.00	29.09 -1.97 0.00	26.61 -2.13 0.00	25.92 -2.19 0.00	25.51 -2.12 0.00	28.47 -2.81 0.12	29.15 -2.61 0.28	28.55 -2.32 0.00	26.61 -2.09 1.14	22.99 -2.11 7.09	26.18 -2.15 2.71	28.60 -2.34 2.08	29.26 -2.32 0.30	30.62 -2.38 0.25	35.09 -2.65 0.10	35.41 -2.84 4.12	42.63 -2.96 0.00	35.10 -2.24 0.00	35.06 -2.11 0.30	35.17 -1.75 0.00	30.65 -1.73 0.00	31.55 -1.32 0.00	29.21 -1.32 0.00
HUNTLEY___66 23560	29.38 -1.90 0.00	28.26 -1.89 0.00	29.09 -1.97 0.00	26.61 -2.13 0.00	25.92 -2.19 0.00	25.51 -2.12 0.00	28.47 -2.81 0.12	29.15 -2.61 0.28	28.55 -2.32 0.00	26.61 -2.09 1.14	22.99 -2.11 7.09	26.18 -2.15 2.71	28.60 -2.34 2.08	29.26 -2.32 0.30	30.62 -2.38 0.25	35.09 -2.65 0.10	35.41 -2.84 4.12	42.63 -2.96 0.00	35.10 -2.24 0.00	35.06 -2.11 0.30	35.17 -1.75 0.00	30.65 -1.73 0.00	31.55 -1.32 0.00	29.21 -1.32 0.00
HUNTLEY___67 23561	29.26 -2.02 0.00	28.14 -2.00 0.00	28.96 -2.10 0.00	26.52 -2.23 0.00	25.82 -2.29 0.00	25.41 -2.23 0.00	28.38 -2.88 0.15	29.00 -2.70 0.33	28.45 -2.42 0.00	26.26 -2.22 1.36	21.42 -2.34 8.43	25.50 -2.31 3.22	28.05 -2.50 2.48	29.07 -2.45 0.36	30.45 -2.51 0.29	34.91 -2.81 0.12	34.38 -3.08 4.91	42.43 -3.15 0.00	34.94 -2.40 0.00	34.82 -2.28 0.36	34.98 -1.93 0.00	30.50 -1.88 0.00	31.37 -1.49 0.00	29.08 -1.44 0.00
HUNTLEY___68 23562	29.26 -2.02 0.00	28.14 -2.00 0.00	28.96 -2.10 0.00	26.52 -2.23 0.00	25.82 -2.29 0.00	25.41 -2.23 0.00	28.38 -2.88 0.15	29.00 -2.70 0.33	28.45 -2.42 0.00	26.26 -2.22 1.36	21.42 -2.34 8.43	25.50 -2.31 3.22	28.05 -2.50 2.48	29.07 -2.45 0.36	30.45 -2.51 0.29	34.91 -2.81 0.12	34.38 -3.08 4.91	42.43 -3.15 0.00	34.94 -2.40 0.00	34.82 -2.28 0.36	34.98 -1.93 0.00	30.50 -1.88 0.00	31.37 -1.49 0.00	29.08 -1.44 0.00

HYLAND___LFGE 323620	31.11 -0.17 0.00	29.91 -0.23 0.00	30.77 -0.29 0.00	28.32 -0.43 0.00	27.64 -0.46 0.00	27.26 -0.38 0.00	31.45 -0.51 -0.55	33.03 -0.27 -1.26	30.80 -0.08 0.00	34.88 -0.10 -5.14	63.79 -0.22 -31.81	42.73 -0.46 -12.15	41.84 -0.50 -9.32	32.80 -0.43 -1.36	34.04 -0.31 -1.11	38.18 -0.12 -0.46	61.00 0.12 -18.51	46.08 0.49 0.00	37.89 0.56 0.00	39.51 0.69 -1.35	37.70 0.79 0.00	32.83 0.45 0.00	33.51 0.64 0.00	31.07 0.55 0.00
INDECK___CORINTH 23802	33.44 2.16 0.00	32.17 2.03 0.00	33.09 2.03 0.00	30.66 1.91 0.00	30.01 1.91 0.00	29.60 1.97 0.00	33.87 2.46 0.00	34.63 2.59 0.00	33.35 2.47 0.00	32.20 2.36 0.00	34.86 2.67 0.00	33.55 2.52 0.00	35.83 2.81 0.00	34.49 2.62 0.00	36.07 2.82 0.00	40.99 3.15 0.00	45.90 3.53 0.00	49.33 3.75 0.00	40.36 3.02 0.00	40.47 3.00 0.00	39.92 3.01 0.00	35.01 2.64 0.00	35.56 2.69 0.00	32.98 2.45 0.00
INDECK___ILION 23567	32.17 0.89 0.00	30.97 0.82 0.00	31.88 0.82 0.00	29.51 0.77 0.00	28.90 0.79 0.00	28.46 0.83 0.00	32.42 1.01 0.00	33.08 1.05 0.00	31.85 0.98 0.00	30.81 0.96 0.00	33.23 1.04 0.00	32.04 1.00 0.00	34.09 1.07 0.00	32.91 1.03 0.00	34.40 1.16 0.00	39.14 1.30 0.00	43.88 1.50 0.00	47.05 1.46 0.00	38.51 1.17 0.00	38.63 1.16 0.00	38.08 1.18 0.00	33.43 1.06 0.00	33.96 1.09 0.00	31.48 0.96 0.00
INDECK___OLEAN 23982	29.78 -1.50 0.00	28.63 -1.51 0.00	29.47 -1.59 0.00	27.12 -1.62 0.00	26.38 -1.73 0.00	26.05 -1.58 0.00	29.43 -1.96 0.02	30.22 -1.77 0.05	29.16 -1.71 0.00	28.14 -1.51 0.19	29.42 -1.59 1.19	28.99 -1.59 0.45	30.92 -1.75 0.35	30.12 -1.71 0.05	31.48 -1.73 0.04	35.89 -1.94 0.02	39.68 -2.00 0.69	43.49 -2.10 0.00	35.73 -1.61 0.00	35.84 -1.58 0.05	35.44 -1.47 0.00	30.88 -1.49 0.00	31.72 -1.14 0.00	29.56 -0.96 0.00
INDECK___OSWEGO 23783	30.33 -0.95 0.00	29.24 -0.90 0.00	30.13 -0.93 0.00	27.92 -0.83 0.00	27.27 -0.84 0.00	26.80 -0.83 0.00	30.33 -1.08 0.00	30.89 -1.15 0.00	29.78 -1.10 0.00	28.85 -1.00 0.00	31.09 -1.10 0.00	29.99 -1.05 0.00	31.85 -1.17 0.00	30.80 -1.07 0.00	32.11 -1.13 0.00	36.53 -1.31 0.00	40.93 -1.44 0.00	44.06 -1.52 0.00	36.10 -1.23 0.00	36.23 -1.24 0.00	35.69 -1.22 0.00	31.35 -1.03 0.00	31.83 -1.03 0.00	29.60 -0.93 0.00
INDECK___YERKES 23781	29.39 -1.89 0.00	28.28 -1.86 0.00	29.08 -1.97 0.00	26.63 -2.11 0.00	25.94 -2.17 0.00	25.53 -2.11 0.00	28.49 -2.79 0.12	29.17 -2.59 0.28	28.57 -2.31 0.00	26.63 -2.07 1.14	23.03 -2.07 7.09	26.22 -2.12 2.71	28.62 -2.32 2.08	29.28 -2.29 0.30	30.64 -2.36 0.25	35.12 -2.62 0.10	35.46 -2.79 4.12	42.65 -2.93 0.00	35.12 -2.21 0.00	35.09 -2.08 0.30	35.19 -1.72 0.00	30.67 -1.71 0.00	31.57 -1.30 0.00	29.22 -1.30 0.00
INDIAN POINT_GT_1 24139	32.85 1.56 0.00	31.58 1.44 0.00	32.49 1.43 0.00	30.13 1.39 0.00	29.56 1.46 0.00	29.03 1.40 0.00	33.13 1.73 0.00	33.83 1.80 0.00	32.56 1.68 0.00	31.48 1.64 0.00	34.07 1.88 0.00	32.81 1.77 0.00	34.91 1.89 0.00	33.77 1.89 0.00	35.23 1.98 0.00	40.17 2.33 0.00	45.13 2.75 0.00	48.53 2.95 0.00	39.67 2.33 0.00	39.64 2.18 0.00	39.11 2.20 0.00	34.33 1.95 0.00	34.83 1.96 0.00	32.18 1.65 0.00
INDIAN POINT_GT_2 23659	32.85 1.56 0.00	31.58 1.44 0.00	32.49 1.43 0.00	30.13 1.39 0.00	29.56 1.46 0.00	29.03 1.40 0.00	33.13 1.73 0.00	33.83 1.80 0.00	32.56 1.68 0.00	31.48 1.64 0.00	34.07 1.88 0.00	32.81 1.77 0.00	34.91 1.89 0.00	33.77 1.89 0.00	35.23 1.98 0.00	40.17 2.33 0.00	45.13 2.75 0.00	48.53 2.95 0.00	39.67 2.33 0.00	39.64 2.18 0.00	39.11 2.20 0.00	34.33 1.95 0.00	34.83 1.96 0.00	32.18 1.65 0.00
INDIAN POINT_GT_3 24019	32.85 1.56 0.00	31.58 1.44 0.00	32.49 1.43 0.00	30.13 1.39 0.00	29.56 1.46 0.00	29.03 1.40 0.00	33.13 1.73 0.00	33.83 1.80 0.00	32.56 1.68 0.00	31.48 1.64 0.00	34.07 1.88 0.00	32.81 1.77 0.00	34.91 1.89 0.00	33.77 1.89 0.00	35.23 1.98 0.00	40.17 2.33 0.00	45.13 2.75 0.00	48.53 2.95 0.00	39.67 2.33 0.00	39.64 2.18 0.00	39.11 2.20 0.00	34.33 1.95 0.00	34.83 1.96 0.00	32.18 1.65 0.00
INDIAN POINT___2 23530	32.81 1.53 0.00	31.54 1.40 0.00	32.45 1.39 0.00	30.09 1.35 0.00	29.52 1.42 0.00	28.99 1.36 0.00	33.10 1.69 0.00	33.79 1.75 0.00	32.51 1.64 0.00	31.43 1.59 0.00	34.02 1.83 0.00	32.76 1.72 0.00	34.85 1.83 0.00	33.72 1.84 0.00	35.17 1.93 0.00	40.11 2.26 0.00	45.06 2.69 0.00	48.46 2.87 0.00	39.61 2.27 0.00	39.59 2.12 0.00	39.05 2.15 0.00	34.28 1.91 0.00	34.78 1.91 0.00	32.12 1.60 0.00
INDIAN POINT___3 23531	32.82 1.54 0.00	31.57 1.43 0.00	32.47 1.41 0.00	30.11 1.37 0.00	29.54 1.44 0.00	29.02 1.38 0.00	33.11 1.71 0.00	33.80 1.77 0.00	32.54 1.67 0.00	31.46 1.62 0.00	34.04 1.85 0.00	32.79 1.75 0.00	34.88 1.86 0.00	33.74 1.87 0.00	35.20 1.95 0.00	40.14 2.29 0.00	45.08 2.71 0.00	48.47 2.88 0.00	39.62 2.28 0.00	39.60 2.14 0.00	39.07 2.16 0.00	34.30 1.92 0.00	34.79 1.93 0.00	32.15 1.62 0.00
INGHAM_C_115KV_TB7 356103	33.33 2.05 0.00	32.03 1.89 0.00	32.92 1.86 0.00	30.48 1.74 0.00	29.89 1.79 0.00	29.52 1.88 0.00	33.70 2.29 0.00	34.43 2.39 0.00	33.11 2.24 0.00	32.01 2.17 0.00	34.51 2.32 0.00	33.27 2.23 0.00	35.40 2.38 0.00	34.16 2.29 0.00	35.80 2.56 0.00	40.71 2.87 0.00	45.73 3.36 0.00	48.82 3.23 0.00	39.94 2.61 0.00	40.02 2.55 0.00	39.47 2.57 0.00	34.66 2.28 0.00	35.24 2.37 0.00	32.61 2.08 0.00
IP CORINTH___1 23988	33.44 2.16 0.00	32.17 2.03 0.00	33.09 2.03 0.00	30.65 1.91 0.00	30.01 1.90 0.00	29.60 1.97 0.00	33.87 2.46 0.00	34.63 2.59 0.00	33.35 2.47 0.00	32.20 2.36 0.00	34.86 2.67 0.00	33.55 2.52 0.00	35.83 2.81 0.00	34.49 2.62 0.00	36.07 2.82 0.00	40.99 3.15 0.00	45.90 3.53 0.00	49.34 3.75 0.00	40.36 3.02 0.00	40.47 3.00 0.00	39.92 3.01 0.00	35.02 2.64 0.00	35.56 2.69 0.00	32.98 2.45 0.00
IP___TICONDEROGA 23804	34.64 3.36 0.00	33.26 3.12 0.00	34.19 3.12 0.00	31.67 2.93 0.00	30.97 2.87 0.00	30.79 3.16 0.00	35.37 3.96 0.00	36.21 4.18 0.00	34.73 3.86 0.00	33.49 3.65 0.00	36.40 4.21 0.00	34.93 3.89 0.00	37.56 4.55 0.00	36.22 4.35 0.00	37.94 4.70 0.00	42.81 4.97 0.00	48.09 5.72 0.00	51.69 6.10 0.00	42.27 4.93 0.00	42.38 4.91 0.00	41.63 4.72 0.00	36.53 4.16 0.00	37.04 4.18 0.00	34.39 3.87 0.00
ISLIP_RES_REC 323679	33.62 2.34 0.00	32.23 2.09 0.00	33.09 2.03 0.00	30.69 1.95 0.00	30.16 2.05 0.00	29.68 2.04 0.00	33.82 2.41 0.00	34.45 2.41 0.00	32.87 1.99 0.00	31.80 1.96 0.00	34.68 2.49 0.00	33.38 2.34 0.00	35.19 2.17 0.00	34.05 2.18 0.00	37.80 2.32 -2.23	40.89 3.05 0.00	46.35 3.98 0.00	50.00 4.41 0.00	44.13 3.40 -3.39	43.76 3.11 -3.18	42.99 3.01 -3.08	37.06 2.75 -1.93	36.37 2.68 -0.83	32.81 2.28 0.00

JAMAICA__27_KV_LOAD 355505	32.89 1.60 0.00	31.59 1.45 0.00	32.42 1.36 0.01	30.10 1.36 0.00	29.70 1.60 0.00	29.16 1.53 0.00	33.51 2.10 0.00	34.20 2.17 0.00	33.17 2.29 0.00	31.89 2.05 0.00	34.65 2.46 0.00	33.38 2.34 0.00	35.54 2.51 0.00	34.25 2.38 0.00	35.69 2.45 0.00	40.65 2.81 0.00	45.52 3.15 0.00	48.88 3.29 0.00	39.98 2.65 0.00	39.97 2.50 0.00	39.49 2.58 0.00	34.59 2.21 0.00	35.18 2.31 0.00	32.41 1.89 0.00
JANIS__SOLAR 323808	31.43 0.15 0.00	30.28 0.14 0.00	31.25 0.19 0.00	28.87 0.13 0.00	28.21 0.11 0.00	27.96 0.33 0.00	31.71 0.25 -0.05	32.49 0.34 -0.12	31.19 0.31 0.00	30.65 0.33 -0.48	35.40 0.25 -2.96	32.26 0.09 -1.13	33.79 -0.09 -0.86	31.78 -0.22 -0.12	33.23 -0.12 -0.10	38.24 0.35 -0.04	44.97 0.88 -1.72	46.53 0.94 0.00	38.11 0.77 0.00	38.34 0.74 -0.12	37.58 0.67 0.00	32.93 0.56 0.00	33.54 0.67 0.00	31.01 0.48 0.00
JARVIS____ 23743	31.40 0.12 0.00	30.26 0.12 0.00	31.18 0.13 0.00	28.88 0.14 0.00	28.25 0.14 0.00	27.77 0.14 0.00	31.54 0.13 0.00	32.17 0.13 0.00	31.00 0.12 0.00	29.99 0.15 0.00	32.36 0.16 0.00	31.20 0.15 0.00	33.19 0.17 0.00	32.04 0.17 0.00	33.43 0.18 0.00	38.05 0.21 0.00	42.58 0.21 0.00	45.77 0.18 0.00	37.49 0.15 0.00	37.62 0.15 0.00	37.08 0.18 0.00	32.54 0.16 0.00	33.06 0.20 0.00	30.70 0.18 0.00
JENNISON____1 23625	31.09 -0.19 0.00	29.97 -0.17 0.00	30.90 -0.16 0.00	28.50 -0.24 0.00	27.96 -0.14 0.00	27.89 0.26 0.00	31.36 -0.08 -0.03	32.10 0.00 -0.07	30.75 -0.12 0.00	30.04 -0.09 -0.28	33.76 -0.18 -1.75	31.48 -0.22 -0.67	33.21 -0.32 -0.51	31.67 -0.28 -0.07	32.99 -0.32 -0.06	37.83 -0.04 -0.03	43.65 0.26 -1.02	45.80 0.21 0.00	37.47 0.13 0.00	37.67 0.12 -0.07	36.96 0.05 0.00	32.49 0.12 0.00	33.23 0.36 0.00	30.49 -0.03 0.00
JENNISON____2 23626	31.09 -0.19 0.00	29.97 -0.17 0.00	30.90 -0.16 0.00	28.50 -0.24 0.00	27.96 -0.14 0.00	27.89 0.26 0.00	31.36 -0.08 -0.03	32.10 0.00 -0.07	30.75 -0.12 0.00	30.04 -0.09 -0.28	33.76 -0.18 -1.75	31.48 -0.22 -0.67	33.21 -0.32 -0.51	31.67 -0.28 -0.07	32.99 -0.32 -0.06	37.83 -0.04 -0.03	43.65 0.26 -1.02	45.80 0.21 0.00	37.47 0.13 0.00	37.67 0.12 -0.07	36.96 0.05 0.00	32.49 0.12 0.00	33.23 0.36 0.00	30.49 -0.03 0.00
JERICOHO_RISE_WT_PWR 323719	31.06 -0.22 0.00	29.93 -0.21 0.00	31.02 -0.04 0.00	28.57 -0.17 0.00	27.84 -0.26 0.00	27.43 -0.20 0.00	31.36 -0.04 0.00	31.96 -0.08 0.00	30.85 -0.03 0.00	29.63 -0.21 0.00	31.84 -0.35 0.00	30.69 -0.35 0.00	32.69 -0.33 0.00	31.37 -0.50 0.00	32.66 -0.59 0.00	37.15 -0.69 0.00	41.43 -0.94 0.00	44.70 -0.89 0.00	36.58 -0.75 0.00	36.76 -0.71 0.00	36.12 -0.79 0.00	31.58 -0.80 0.00	31.96 -0.90 0.00	29.77 -0.75 0.00
KATONAH__115KV_46KV_TB4 355592	33.05 1.77 0.00	31.78 1.64 0.00	32.68 1.63 0.00	30.30 1.56 0.00	29.74 1.63 0.00	29.22 1.58 0.00	33.35 1.94 0.00	34.06 2.02 0.00	32.79 1.92 0.00	31.72 1.88 0.00	34.33 2.14 0.00	33.07 2.03 0.00	35.19 2.17 0.00	34.03 2.16 0.00	35.49 2.25 0.00	40.47 2.62 0.00	45.47 3.10 0.00	48.90 3.31 0.00	39.97 2.63 0.00	39.95 2.48 0.00	39.40 2.49 0.00	34.59 2.21 0.00	35.08 2.22 0.00	32.40 1.88 0.00
KCE_NY_1 323755	33.06 1.78 0.00	31.82 1.68 0.00	32.72 1.66 0.00	30.32 1.57 0.00	29.68 1.57 0.00	29.23 1.60 0.00	33.46 2.05 0.00	34.10 2.07 0.00	32.85 1.97 0.00	31.69 1.85 0.00	34.29 2.10 0.00	33.02 1.98 0.00	35.24 2.22 0.00	34.00 2.12 0.00	35.52 2.28 0.00	40.44 2.60 0.00	45.25 2.88 0.00	48.69 3.10 0.00	39.79 2.46 0.00	39.89 2.43 0.00	39.32 2.41 0.00	34.55 2.18 0.00	35.05 2.19 0.00	32.48 1.96 0.00
KCE_NY_6_ESR 323823	29.50 -1.78 0.00	28.38 -1.77 0.00	29.20 -1.86 0.00	26.76 -1.99 0.00	26.03 -2.08 0.00	25.64 -2.00 0.00	28.67 -2.60 0.14	29.32 -2.39 0.33	28.73 -2.14 0.00	26.56 -1.93 1.35	21.80 -2.05 8.33	25.80 -2.05 3.18	28.35 -2.22 2.45	29.33 -2.19 0.36	30.76 -2.20 0.29	35.28 -2.45 0.12	34.88 -2.64 4.85	42.94 -2.65 0.00	35.34 -2.00 0.00	35.20 -1.92 0.35	35.32 -1.59 0.00	30.78 -1.60 0.00	31.65 -1.22 0.00	29.34 -1.19 0.00
KEDC_PORT_JEFF_GT2 24210	33.42 2.14 0.00	32.04 1.89 0.00	32.89 1.83 0.00	30.50 1.76 0.00	29.98 1.87 0.00	29.49 1.85 0.00	33.59 2.18 0.00	34.21 2.17 0.00	32.66 1.78 0.00	31.61 1.77 0.00	34.49 2.30 0.00	33.22 2.17 0.00	35.02 2.00 0.00	33.84 1.97 0.00	37.49 2.06 -2.19	40.58 2.74 0.00	45.97 3.59 0.00	49.54 3.95 0.00	43.67 3.01 -3.32	43.33 2.74 -3.12	42.57 2.64 -3.02	36.72 2.45 -1.89	36.06 2.39 -0.81	32.57 2.04 0.00
KEDC_PORT_JEFF_GT3 24211	33.42 2.14 0.00	32.04 1.89 0.00	32.89 1.83 0.00	30.50 1.76 0.00	29.98 1.87 0.00	29.49 1.85 0.00	33.59 2.18 0.00	34.21 2.17 0.00	32.66 1.78 0.00	31.61 1.77 0.00	34.49 2.30 0.00	33.22 2.17 0.00	35.02 2.00 0.00	33.84 1.97 0.00	37.49 2.06 -2.19	40.58 2.74 0.00	45.97 3.59 0.00	49.54 3.95 0.00	43.67 3.01 -3.32	43.33 2.74 -3.12	42.57 2.64 -3.02	36.72 2.45 -1.89	36.06 2.39 -0.81	32.57 2.04 0.00
KEDC_GLWD_GT4 24219	33.25 1.97 0.00	31.96 1.82 0.00	32.85 1.78 0.00	30.46 1.72 0.00	29.91 1.81 0.00	29.39 1.76 0.00	33.52 2.11 0.00	34.20 2.17 0.00	32.86 1.98 0.00	31.82 1.98 0.00	34.55 2.36 0.00	33.28 2.24 0.00	35.29 2.27 0.00	34.14 2.27 0.00	35.58 2.33 0.00	40.42 2.58 0.00	45.51 3.14 0.00	48.95 3.36 0.00	39.94 2.61 0.00	39.87 2.40 0.00	39.30 2.39 0.00	34.57 2.19 0.00	35.27 2.41 0.00	32.58 2.05 0.00
KEDC_GLWD_GT5 24220	33.25 1.97 0.00	31.96 1.82 0.00	32.85 1.78 0.00	30.46 1.72 0.00	29.91 1.81 0.00	29.39 1.76 0.00	33.52 2.11 0.00	34.20 2.17 0.00	32.86 1.98 0.00	31.82 1.98 0.00	34.55 2.36 0.00	33.28 2.24 0.00	35.29 2.27 0.00	34.14 2.27 0.00	35.58 2.33 0.00	40.42 2.58 0.00	45.51 3.14 0.00	48.95 3.36 0.00	39.94 2.61 0.00	39.87 2.40 0.00	39.30 2.39 0.00	34.57 2.19 0.00	35.27 2.41 0.00	32.58 2.05 0.00
KENSICO____ 23655	32.94 1.66 0.00	31.68 1.55 0.00	32.58 1.52 0.00	30.22 1.48 0.00	29.65 1.55 0.00	29.12 1.49 0.00	33.25 1.84 0.00	33.94 1.90 0.00	32.67 1.79 0.00	31.59 1.75 0.00	34.20 2.01 0.00	32.94 1.90 0.00	35.04 2.02 0.00	33.89 2.02 0.00	35.36 2.11 0.00	40.31 2.47 0.00	45.29 2.92 0.00	48.69 3.10 0.00	39.80 2.46 0.00	39.77 2.31 0.00	39.24 2.33 0.00	34.45 2.07 0.00	34.95 2.09 0.00	32.28 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.02 1.74 0.00	31.73 1.59 0.00	32.63 1.57 0.00	30.26 1.52 0.00	29.68 1.58 0.00	29.19 1.55 0.00	33.31 1.90 0.00	34.03 1.99 0.00	32.75 1.88 0.00	31.62 1.78 0.00	34.28 2.09 0.00	33.01 1.97 0.00	34.93 1.91 0.00	33.52 1.64 0.00	35.02 1.78 0.00	40.05 2.21 0.00	45.14 2.77 0.00	48.59 3.01 0.00	39.72 2.38 0.00	39.75 2.28 0.00	39.22 2.31 0.00	34.63 2.25 0.00	35.08 2.22 0.00	32.40 1.87 0.00

KIAC_JFK_GT1 23816	32.70 1.42 0.00	31.42 1.28 0.00	32.23 1.18 0.01	29.93 1.19 0.00	29.53 1.43 0.00	29.00 1.37 0.00	33.32 1.91 0.00	34.01 1.97 0.00	32.98 2.10 0.00	31.72 1.88 0.00	34.46 2.27 0.00	33.20 2.16 0.00	35.35 2.33 0.00	34.07 2.19 0.00	35.49 2.25 0.00	40.37 2.53 0.00	45.08 2.71 0.00	48.40 2.82 0.00	39.58 2.24 0.00	39.57 2.10 0.00	39.22 2.31 0.00	34.38 2.00 0.00	34.97 2.10 0.00	32.22 1.69 0.00
KIAC_JFK_GT2 23817	32.70 1.42 0.00	31.42 1.28 0.00	32.23 1.18 0.01	29.93 1.19 0.00	29.53 1.43 0.00	29.00 1.37 0.00	33.32 1.91 0.00	34.01 1.97 0.00	32.98 2.10 0.00	31.72 1.88 0.00	34.46 2.27 0.00	33.20 2.16 0.00	35.35 2.33 0.00	34.07 2.19 0.00	35.49 2.25 0.00	40.37 2.53 0.00	45.08 2.71 0.00	48.40 2.82 0.00	39.58 2.24 0.00	39.57 2.10 0.00	39.22 2.31 0.00	34.38 2.00 0.00	34.97 2.10 0.00	32.22 1.69 0.00
KIAC_JFK____ 323774	32.70 1.43 0.00	31.42 1.28 0.00	32.23 1.18 0.01	29.93 1.19 0.00	29.53 1.43 0.00	29.00 1.37 0.00	33.32 1.91 0.00	34.01 1.97 0.00	32.98 2.10 0.00	31.72 1.88 0.00	34.46 2.27 0.00	33.20 2.16 0.00	35.35 2.33 0.00	34.06 2.19 0.00	35.49 2.25 0.00	40.37 2.52 0.00	45.08 2.71 0.00	48.41 2.82 0.00	39.58 2.24 0.00	39.56 2.10 0.00	39.23 2.32 0.00	34.38 2.01 0.00	34.97 2.10 0.00	32.22 1.69 0.00
KINTIGH__24_KV_GSU 356498	29.52 -1.76 0.00	28.41 -1.73 0.00	29.23 -1.83 0.00	26.82 -1.92 0.00	26.15 -1.96 0.00	25.72 -1.92 0.00	28.86 -2.47 0.08	29.54 -2.32 0.18	28.79 -2.08 0.00	27.22 -1.90 0.73	25.70 -1.98 4.52	27.34 -1.97 1.73	29.58 -2.12 1.33	29.61 -2.08 0.19	30.95 -2.14 0.16	35.38 -2.40 0.06	37.14 -2.61 2.63	42.89 -2.70 0.00	35.28 -2.06 0.00	35.30 -1.98 0.19	35.24 -1.67 0.00	30.74 -1.64 0.00	31.56 -1.31 0.00	29.25 -1.27 0.00
KINTIGH____ 23543	29.50 -1.78 0.00	28.39 -1.76 0.00	29.22 -1.85 0.00	26.80 -1.95 0.00	26.13 -1.98 0.00	25.70 -1.93 0.00	28.83 -2.50 0.08	29.52 -2.34 0.18	28.77 -2.11 0.00	27.19 -1.92 0.73	25.65 -2.03 4.52	27.31 -2.00 1.73	29.55 -2.15 1.33	29.58 -2.11 0.19	30.93 -2.16 0.16	35.35 -2.43 0.06	37.08 -2.66 2.63	42.86 -2.73 0.00	35.25 -2.08 0.00	35.27 -2.00 0.19	35.22 -1.69 0.00	30.73 -1.65 0.00	31.53 -1.33 0.00	29.23 -1.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.55 0.27 0.00	30.37 0.23 0.00	31.49 0.43 0.00	29.07 0.33 0.00	28.28 0.18 0.00	27.91 0.28 0.00	31.94 0.53 0.00	32.56 0.53 0.00	31.43 0.56 0.00	30.21 0.37 0.00	32.45 0.26 0.00	31.27 0.23 0.00	33.31 0.29 0.00	31.95 0.08 0.00	33.33 0.08 0.00	37.90 0.06 0.00	42.29 -0.08 0.00	45.62 0.03 0.00	37.32 -0.02 0.00	37.48 0.02 0.00	36.85 -0.06 0.00	32.19 -0.18 0.00	32.58 -0.28 0.00	30.33 -0.19 0.00
LACHUTE____HYDRO 323717	34.64 3.36 0.00	33.26 3.12 0.00	34.18 3.13 0.00	31.67 2.93 0.00	30.97 2.87 0.00	30.79 3.16 0.00	35.37 3.96 0.00	36.21 4.18 0.00	34.73 3.85 0.00	33.49 3.65 0.00	36.40 4.21 0.00	34.92 3.89 0.00	37.56 4.55 0.00	36.22 4.35 0.00	37.94 4.69 0.00	42.81 4.97 0.00	48.09 5.72 0.00	51.69 6.10 0.00	42.27 4.93 0.00	42.38 4.91 0.00	41.63 4.72 0.00	36.53 4.16 0.00	37.04 4.18 0.00	34.39 3.87 0.00
LAWRNCALV_115KV_TB1 80681	31.18 -0.10 0.00	30.20 0.06 0.00	31.25 0.18 0.00	28.87 0.13 0.00	28.11 0.01 0.00	27.56 -0.07 0.00	31.37 -0.04 0.00	32.08 0.05 0.00	30.95 0.07 0.00	29.79 -0.05 0.00	32.11 -0.08 0.00	30.92 -0.12 0.00	32.91 -0.11 0.00	31.72 -0.16 0.00	32.88 -0.37 0.00	37.33 -0.51 0.00	41.52 -0.85 0.00	44.83 -0.76 0.00	36.72 -0.62 0.00	36.92 -0.55 0.00	36.23 -0.68 0.00	31.72 -0.65 0.00	32.20 -0.66 0.00	30.06 -0.47 0.00
LEDERLE____ 23769	32.95 1.67 0.00	31.68 1.54 0.00	32.59 1.53 0.00	30.22 1.48 0.00	29.64 1.54 0.00	29.12 1.49 0.00	33.25 1.84 0.00	33.95 1.92 0.00	32.67 1.80 0.00	31.60 1.76 0.00	34.18 1.99 0.00	32.91 1.87 0.00	35.02 1.99 0.00	33.89 2.01 0.00	35.37 2.12 0.00	40.33 2.49 0.00	45.32 2.95 0.00	48.75 3.16 0.00	39.85 2.51 0.00	39.82 2.36 0.00	39.28 2.37 0.00	34.47 2.09 0.00	34.96 2.10 0.00	32.28 1.75 0.00
LIGHTHSE_115KV_TB6 355974	30.33 -0.95 0.00	29.27 -0.87 0.00	30.27 -0.79 0.00	28.17 -0.58 0.00	27.36 -0.75 0.00	26.88 -0.75 0.00	30.34 -1.08 0.00	30.96 -1.07 0.00	29.85 -1.02 0.00	28.93 -0.91 0.00	31.24 -0.96 0.00	30.10 -0.94 0.00	31.93 -1.09 0.00	30.90 -0.98 0.00	32.22 -1.03 0.00	36.62 -1.22 0.00	41.01 -1.36 0.00	44.19 -1.40 0.00	36.20 -1.14 0.00	36.36 -1.11 0.00	35.81 -1.10 0.00	31.40 -0.98 0.00	31.90 -0.97 0.00	29.67 -0.86 0.00
LINDEN COGEN____ 23786	32.98 1.70 0.00	31.72 1.58 0.00	32.62 1.56 0.00	30.26 1.52 0.00	29.72 1.62 0.00	29.18 1.55 0.00	33.35 1.94 0.00	34.05 2.01 0.00	32.76 1.89 0.00	31.68 1.84 0.00	34.29 2.10 0.00	33.03 2.00 0.00	35.13 2.11 0.00	33.99 2.12 0.00	35.45 2.20 0.00	40.41 2.56 0.00	45.42 3.05 0.00	48.86 3.28 0.00	39.93 2.59 0.00	39.84 2.38 0.00	39.32 2.41 0.00	34.52 2.14 0.00	35.01 2.15 0.00	32.29 1.77 0.00
LINDHRST_69_KV_BK1 356055	33.63 2.35 0.00	32.28 2.14 0.00	33.16 2.09 0.00	30.75 2.01 0.00	30.20 2.10 0.00	29.70 2.06 0.00	33.85 2.44 0.00	34.50 2.46 0.00	33.05 2.17 0.00	32.01 2.16 0.00	34.84 2.65 0.00	33.55 2.51 0.00	35.42 2.40 0.00	34.28 2.40 0.00	36.31 2.54 -0.52	41.04 3.20 0.00	46.41 4.04 0.00	49.99 4.40 0.00	41.57 3.44 -0.80	41.42 3.20 -0.75	40.73 3.09 -0.72	35.66 2.83 -0.45	35.90 2.84 -0.19	32.95 2.43 0.00
LIPA_MISC_IPP 23656	33.48 2.20 0.00	32.09 1.95 0.00	32.94 1.88 0.00	30.54 1.80 0.00	30.02 1.91 0.00	29.56 1.93 0.00	33.67 2.26 0.00	34.27 2.23 0.00	32.65 1.77 0.00	31.58 1.74 0.00	34.44 2.24 0.00	33.15 2.11 0.00	34.96 1.94 0.00	33.83 1.95 0.00	38.05 2.09 -2.72	40.64 2.80 0.00	46.04 3.66 0.00	49.64 4.06 0.00	44.57 3.10 -4.13	44.17 2.82 -3.88	43.35 2.68 -3.76	37.26 2.53 -2.35	36.33 2.46 -1.01	32.61 2.09 0.00
LISF____SOLAR 323691	33.55 2.26 0.00	32.15 2.01 0.00	33.01 1.95 0.00	30.61 1.86 0.00	30.08 1.97 0.00	29.62 1.99 0.00	33.75 2.34 0.00	34.35 2.32 0.00	32.70 1.82 0.00	31.62 1.78 0.00	34.47 2.27 0.00	33.18 2.14 0.00	34.99 1.97 0.00	33.87 1.99 0.00	38.02 2.15 -2.63	40.73 2.89 0.00	46.15 3.77 0.00	49.77 4.18 0.00	44.53 3.20 -3.99	44.14 2.92 -3.75	43.32 2.78 -3.63	37.27 2.62 -2.27	36.38 2.54 -0.97	32.69 2.16 0.00
LITTLE FALLS____HYD 24013	33.33 2.05 0.00	32.03 1.89 0.00	32.92 1.86 0.00	30.48 1.74 0.00	29.89 1.79 0.00	29.52 1.88 0.00	33.70 2.29 0.00	34.43 2.39 0.00	33.11 2.24 0.00	32.01 2.17 0.00	34.51 2.32 0.00	33.27 2.23 0.00	35.40 2.38 0.00	34.16 2.29 0.00	35.80 2.56 0.00	40.71 2.87 0.00	45.73 3.36 0.00	48.82 3.23 0.00	39.94 2.61 0.00	40.02 2.55 0.00	39.47 2.57 0.00	34.66 2.28 0.00	35.24 2.37 0.00	32.61 2.08 0.00

LITTLRIV_115KV_TB1 356100	31.46 0.18 0.00	30.48 0.34 0.00	31.55 0.49 0.00	29.15 0.41 0.00	28.40 0.29 0.00	27.84 0.21 0.00	31.70 0.29 0.00	32.46 0.43 0.00	31.29 0.42 0.00	30.06 0.22 0.00	32.41 0.22 0.00	31.18 0.14 0.00	33.17 0.15 0.00	32.00 0.13 0.00	33.18 -0.07 0.00	37.73 -0.11 0.00	42.00 -0.37 0.00	45.40 -0.19 0.00	37.19 -0.15 0.00	37.38 -0.09 0.00	36.66 -0.24 0.00	32.07 -0.31 0.00	32.53 -0.33 0.00	30.33 -0.19 0.00
LI_NEWBRDGE___DRP 323616	33.09 1.81 0.00	31.78 1.64 0.00	32.65 1.59 0.00	30.30 1.55 0.00	29.75 1.65 0.00	29.23 1.60 0.00	33.32 1.91 0.00	33.96 1.93 0.00	32.56 1.68 0.00	31.56 1.72 0.00	34.35 2.15 0.00	33.09 2.05 0.00	34.97 1.95 0.00	33.85 1.97 0.00	35.27 2.02 0.00	40.41 2.56 0.00	45.59 3.22 0.00	49.02 3.43 0.00	39.96 2.62 0.00	39.85 2.38 0.00	39.25 2.34 0.00	34.54 2.16 0.00	35.04 2.17 0.00	32.38 1.85 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.30 -1.98 0.00	28.19 -1.95 0.00	29.01 -2.06 0.00	26.55 -2.20 0.00	25.86 -2.24 0.00	25.44 -2.19 0.00	28.35 -2.96 0.11	29.02 -2.76 0.25	28.40 -2.47 0.00	26.60 -2.23 1.01	23.69 -2.24 6.26	26.33 -2.31 2.39	28.64 -2.54 1.84	29.11 -2.50 0.27	30.46 -2.57 0.22	34.88 -2.88 0.09	35.62 -3.11 3.64	42.37 -3.22 0.00	34.90 -2.44 0.00	34.89 -2.32 0.27	34.97 -1.94 0.00	30.49 -1.89 0.00	31.39 -1.47 0.00	29.06 -1.46 0.00
LOCKPORT___CC1 323769	29.27 -2.01 0.00	28.16 -1.99 0.00	28.96 -2.10 0.00	26.51 -2.23 0.00	25.83 -2.28 0.00	25.41 -2.23 0.00	28.32 -2.98 0.12	28.99 -2.78 0.27	28.38 -2.50 0.00	26.49 -2.26 1.09	23.16 -2.28 6.75	26.13 -2.33 2.58	28.48 -2.56 1.98	29.07 -2.52 0.29	30.41 -2.60 0.23	34.84 -2.90 0.10	35.30 -3.14 3.93	42.32 -3.27 0.00	34.86 -2.48 0.00	34.83 -2.36 0.29	34.93 -1.98 0.00	30.45 -1.93 0.00	31.37 -1.50 0.00	29.04 -1.48 0.00
LOCKPORT___CC2 323770	29.27 -2.01 0.00	28.16 -1.99 0.00	28.96 -2.10 0.00	26.51 -2.23 0.00	25.83 -2.28 0.00	25.41 -2.23 0.00	28.32 -2.98 0.12	28.99 -2.78 0.27	28.38 -2.50 0.00	26.49 -2.26 1.09	23.16 -2.28 6.75	26.13 -2.33 2.58	28.48 -2.56 1.98	29.07 -2.52 0.29	30.41 -2.60 0.23	34.84 -2.90 0.10	35.30 -3.14 3.93	42.32 -3.27 0.00	34.86 -2.48 0.00	34.83 -2.36 0.29	34.93 -1.98 0.00	30.45 -1.93 0.00	31.37 -1.50 0.00	29.04 -1.48 0.00
LOCKPORT___CC3 323771	29.27 -2.01 0.00	28.16 -1.99 0.00	28.96 -2.10 0.00	26.51 -2.23 0.00	25.83 -2.28 0.00	25.41 -2.23 0.00	28.32 -2.98 0.12	28.99 -2.78 0.27	28.38 -2.50 0.00	26.49 -2.26 1.09	23.16 -2.28 6.75	26.13 -2.33 2.58	28.48 -2.56 1.98	29.07 -2.52 0.29	30.41 -2.60 0.23	34.84 -2.90 0.10	35.30 -3.14 3.93	42.32 -3.27 0.00	34.86 -2.48 0.00	34.83 -2.36 0.29	34.93 -1.98 0.00	30.45 -1.93 0.00	31.37 -1.50 0.00	29.04 -1.48 0.00
LOCUSVLY_69_KV_BK2 55797	33.35 2.07 0.00	32.04 1.90 0.00	32.92 1.86 0.00	30.53 1.79 0.00	29.98 1.87 0.00	29.47 1.83 0.00	33.58 2.17 0.00	34.24 2.21 0.00	32.87 1.99 0.00	31.85 2.00 0.00	34.63 2.44 0.00	33.37 2.33 0.00	35.32 2.30 0.00	34.16 2.29 0.00	35.00 2.34 0.59	40.65 2.81 0.00	45.85 3.48 0.00	49.33 3.74 0.00	39.32 2.88 0.90	39.29 2.67 0.84	38.71 2.62 0.82	34.26 2.39 0.51	35.12 2.47 0.22	32.65 2.13 0.00
LONG_LAKE_PHOENIX 24014	30.37 -0.91 0.00	29.27 -0.87 0.00	30.15 -0.91 0.00	27.90 -0.84 0.00	27.28 -0.82 0.00	26.83 -0.81 0.00	30.37 -1.03 0.00	30.95 -1.09 0.00	29.85 -1.03 0.00	28.90 -0.94 0.00	31.17 -1.02 0.00	30.06 -0.98 0.00	31.93 -1.08 0.00	30.88 -0.99 0.00	32.21 -1.03 0.00	36.64 -1.20 0.00	41.07 -1.31 0.00	44.21 -1.38 0.00	36.22 -1.12 0.00	36.34 -1.13 0.00	35.81 -1.10 0.00	31.44 -0.94 0.00	31.91 -0.95 0.00	29.66 -0.86 0.00
LOVETT___3 23632	32.81 1.53 0.00	31.54 1.40 0.00	32.44 1.38 0.00	30.10 1.35 0.00	29.52 1.41 0.00	29.00 1.36 0.00	33.10 1.69 0.00	33.80 1.76 0.00	32.52 1.65 0.00	31.45 1.61 0.00	34.03 1.84 0.00	32.77 1.73 0.00	34.86 1.84 0.00	33.73 1.86 0.00	35.18 1.94 0.00	40.12 2.28 0.00	45.07 2.70 0.00	48.47 2.88 0.00	39.62 2.28 0.00	39.60 2.13 0.00	39.06 2.15 0.00	34.28 1.91 0.00	34.77 1.91 0.00	32.12 1.60 0.00
LOVETT___4 23642	32.81 1.53 0.00	31.54 1.40 0.00	32.44 1.38 0.00	30.10 1.35 0.00	29.52 1.41 0.00	29.00 1.36 0.00	33.10 1.69 0.00	33.80 1.76 0.00	32.52 1.65 0.00	31.45 1.61 0.00	34.03 1.84 0.00	32.77 1.73 0.00	34.86 1.84 0.00	33.73 1.86 0.00	35.18 1.94 0.00	40.12 2.28 0.00	45.07 2.70 0.00	48.47 2.88 0.00	39.62 2.28 0.00	39.60 2.13 0.00	39.06 2.15 0.00	34.28 1.91 0.00	34.77 1.91 0.00	32.12 1.60 0.00
LOVETT___5 23593	32.81 1.53 0.00	31.54 1.40 0.00	32.44 1.38 0.00	30.10 1.35 0.00	29.52 1.41 0.00	29.00 1.36 0.00	33.10 1.69 0.00	33.80 1.76 0.00	32.52 1.65 0.00	31.45 1.61 0.00	34.03 1.84 0.00	32.77 1.73 0.00	34.86 1.84 0.00	33.73 1.86 0.00	35.18 1.94 0.00	40.12 2.28 0.00	45.07 2.70 0.00	48.47 2.88 0.00	39.62 2.28 0.00	39.60 2.13 0.00	39.06 2.15 0.00	34.28 1.91 0.00	34.77 1.91 0.00	32.12 1.60 0.00
LOWER RAQUET___HYD 24057	31.07 -0.21 0.00	30.12 -0.03 0.00	31.18 0.12 0.00	28.83 0.09 0.00	28.05 -0.06 0.00	27.48 -0.15 0.00	31.27 -0.14 0.00	31.99 -0.04 0.00	30.86 -0.02 0.00	29.70 -0.14 0.00	32.01 -0.18 0.00	30.82 -0.22 0.00	32.80 -0.22 0.00	31.61 -0.27 0.00	32.73 -0.52 0.00	37.13 -0.71 0.00	41.28 -1.10 0.00	44.57 -1.02 0.00	36.51 -0.83 0.00	36.71 -0.76 0.00	36.03 -0.88 0.00	31.54 -0.84 0.00	32.02 -0.85 0.00	29.91 -0.62 0.00
LOWER___HUDSON 24059	32.55 1.27 0.00	31.34 1.20 0.00	32.26 1.20 0.00	29.87 1.13 0.00	29.28 1.17 0.00	28.79 1.15 0.00	32.88 1.47 0.00	33.55 1.52 0.00	32.31 1.43 0.00	31.18 1.34 0.00	33.68 1.49 0.00	32.48 1.44 0.00	34.63 1.62 0.00	33.42 1.54 0.00	34.89 1.64 0.00	39.68 1.84 0.00	44.40 2.03 0.00	47.66 2.07 0.00	39.02 1.68 0.00	39.11 1.64 0.00	38.56 1.65 0.00	33.90 1.52 0.00	34.44 1.57 0.00	31.95 1.43 0.00
LOWVILLE_115KV_TB2 356335	30.14 -1.14 0.00	29.33 -0.81 0.00	30.57 -0.49 0.00	28.69 -0.05 0.00	27.47 -0.63 0.00	26.99 -0.64 0.00	30.47 -0.94 0.00	31.23 -0.80 0.00	30.09 -0.79 0.00	29.13 -0.71 0.00	31.51 -0.68 0.00	30.19 -0.85 0.00	31.97 -1.05 0.00	31.08 -0.80 0.00	32.26 -0.99 0.00	36.74 -1.10 0.00	41.10 -1.27 0.00	44.29 -1.30 0.00	36.28 -1.06 0.00	36.73 -0.74 0.00	36.05 -0.86 0.00	31.70 -0.68 0.00	31.92 -0.95 0.00	29.77 -0.76 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.04 1.76 0.00	31.80 1.66 0.00	32.72 1.66 0.00	30.30 1.56 0.00	29.67 1.57 0.00	29.22 1.59 0.00	33.40 1.99 0.00	34.09 2.05 0.00	32.82 1.95 0.00	31.67 1.83 0.00	34.26 2.07 0.00	33.00 1.96 0.00	35.20 2.19 0.00	33.97 2.09 0.00	35.50 2.25 0.00	40.39 2.55 0.00	45.22 2.85 0.00	48.59 3.01 0.00	39.75 2.41 0.00	39.85 2.38 0.00	39.28 2.38 0.00	34.49 2.11 0.00	35.01 2.15 0.00	32.46 1.94 0.00

LUTHERNY_35_KV_BK2 355980	33.06 1.78 0.00	31.82 1.68 0.00	32.72 1.66 0.00	30.32 1.57 0.00	29.68 1.58 0.00	29.23 1.60 0.00	33.46 2.05 0.00	34.10 2.07 0.00	32.84 1.97 0.00	31.69 1.84 0.00	34.29 2.10 0.00	33.02 1.98 0.00	35.24 2.22 0.00	34.00 2.12 0.00	35.52 2.28 0.00	40.44 2.59 0.00	45.25 2.88 0.00	48.69 3.10 0.00	39.79 2.46 0.00	39.89 2.43 0.00	39.32 2.41 0.00	34.55 2.18 0.00	35.05 2.19 0.00	32.48 1.95 0.00
LWR___OSWEGATCHIE_HYD 23850	30.36 -0.92 0.00	29.49 -0.65 0.00	30.64 -0.42 0.00	28.55 -0.19 0.00	27.54 -0.56 0.00	27.03 -0.61 0.00	30.58 -0.83 0.00	31.32 -0.72 0.00	30.19 -0.68 0.00	29.15 -0.70 0.00	31.44 -0.75 0.00	30.21 -0.84 0.00	32.07 -0.95 0.00	31.02 -0.85 0.00	32.17 -1.07 0.00	36.57 -1.28 0.00	40.77 -1.60 0.00	43.99 -1.60 0.00	36.04 -1.30 0.00	36.33 -1.14 0.00	35.66 -1.25 0.00	31.30 -1.08 0.00	31.67 -1.19 0.00	29.56 -0.97 0.00
LYONS_FALL_HYD 23570	30.77 -0.51 0.00	29.84 -0.30 0.00	30.96 -0.10 0.00	28.91 0.16 0.00	27.90 -0.21 0.00	27.44 -0.20 0.00	31.06 -0.35 0.00	31.81 -0.23 0.00	30.66 -0.22 0.00	29.68 -0.16 0.00	32.07 -0.12 0.00	30.81 -0.24 0.00	32.68 -0.33 0.00	31.69 -0.19 0.00	32.96 -0.28 0.00	37.56 -0.28 0.00	42.02 -0.35 0.00	45.25 -0.34 0.00	37.05 -0.29 0.00	37.37 -0.10 0.00	36.74 -0.17 0.00	32.25 -0.12 0.00	32.56 -0.30 0.00	30.30 -0.23 0.00
MADISON___COUNTY_LFGE 323628	31.71 0.43 0.00	30.64 0.49 0.00	31.59 0.53 0.00	29.28 0.54 0.00	28.58 0.47 0.00	28.15 0.52 0.00	31.97 0.57 0.00	32.68 0.65 0.00	31.51 0.63 0.00	30.52 0.67 0.00	32.94 0.75 0.00	31.75 0.71 0.00	33.75 0.73 0.00	32.64 0.76 0.00	34.06 0.81 0.00	38.84 0.99 0.00	43.44 1.07 0.00	46.62 1.03 0.00	38.16 0.82 0.00	38.30 0.83 0.00	37.70 0.79 0.00	33.05 0.67 0.00	33.48 0.61 0.00	31.07 0.55 0.00
MALONE___115KV_TB1 356076	31.43 0.14 0.00	30.32 0.17 0.00	31.41 0.36 0.00	28.96 0.21 0.00	28.20 0.10 0.00	27.77 0.13 0.00	31.73 0.32 0.00	32.42 0.39 0.00	31.33 0.45 0.00	30.14 0.30 0.00	32.39 0.20 0.00	31.20 0.16 0.00	33.26 0.24 0.00	31.92 0.05 0.00	33.18 -0.07 0.00	37.73 -0.11 0.00	42.08 -0.29 0.00	45.45 -0.14 0.00	37.19 -0.15 0.00	37.38 -0.09 0.00	36.70 -0.21 0.00	32.05 -0.33 0.00	32.44 -0.43 0.00	30.20 -0.32 0.00
MAPLEWOD_115KV_TB3 80458	32.42 1.14 0.00	31.24 1.10 0.00	32.16 1.10 0.00	29.79 1.04 0.00	29.20 1.09 0.00	28.69 1.06 0.00	32.73 1.32 0.00	33.42 1.38 0.00	32.18 1.30 0.00	31.09 1.25 0.00	33.57 1.38 0.00	32.38 1.34 0.00	34.49 1.46 0.00	33.29 1.42 0.00	34.75 1.51 0.00	39.55 1.71 0.00	44.28 1.91 0.00	47.51 1.92 0.00	38.91 1.57 0.00	39.00 1.54 0.00	38.46 1.55 0.00	33.81 1.44 0.00	34.35 1.48 0.00	31.86 1.34 0.00
MAPLE_RIDGE_WT_1 323574	30.45 -0.83 0.00	29.57 -0.57 0.00	30.72 -0.34 0.00	28.57 -0.17 0.00	27.72 -0.39 0.00	27.12 -0.51 0.00	30.84 -0.57 0.00	31.45 -0.59 0.00	30.21 -0.66 0.00	29.08 -0.76 0.00	31.36 -0.84 0.00	30.21 -0.83 0.00	32.18 -0.84 0.00	31.06 -0.82 0.00	32.34 -0.91 0.00	36.83 -1.01 0.00	41.23 -1.14 0.00	44.38 -1.21 0.00	36.40 -0.94 0.00	36.74 -0.73 0.00	36.14 -0.77 0.00	31.70 -0.68 0.00	32.11 -0.75 0.00	29.85 -0.67 0.00
MAPLE_RIDGE_WT_2 323611	30.45 -0.83 0.00	29.57 -0.57 0.00	30.72 -0.34 0.00	28.57 -0.17 0.00	27.72 -0.39 0.00	27.12 -0.51 0.00	30.84 -0.57 0.00	31.45 -0.59 0.00	30.21 -0.66 0.00	29.08 -0.76 0.00	31.36 -0.84 0.00	30.21 -0.83 0.00	32.18 -0.84 0.00	31.06 -0.82 0.00	32.34 -0.91 0.00	36.83 -1.01 0.00	41.23 -1.14 0.00	44.38 -1.21 0.00	36.40 -0.94 0.00	36.74 -0.73 0.00	36.14 -0.77 0.00	31.70 -0.68 0.00	32.11 -0.75 0.00	29.85 -0.67 0.00
MARBLE_RIVER_WT_PWR 323696	31.08 -0.20 0.00	29.95 -0.19 0.00	31.04 -0.02 0.00	28.61 -0.13 0.00	27.88 -0.23 0.00	27.46 -0.17 0.00	31.38 -0.02 0.00	31.98 -0.05 0.00	30.86 -0.02 0.00	29.65 -0.19 0.00	31.87 -0.32 0.00	30.72 -0.32 0.00	32.71 -0.30 0.00	31.41 -0.47 0.00	32.70 -0.55 0.00	37.19 -0.65 0.00	41.46 -0.91 0.00	44.72 -0.87 0.00	36.59 -0.74 0.00	36.77 -0.70 0.00	36.14 -0.77 0.00	31.61 -0.77 0.00	32.00 -0.87 0.00	29.81 -0.72 0.00
MARSHVLE_115KV_TB1 80742	30.80 -0.48 0.00	29.68 -0.46 0.00	30.62 -0.43 0.00	28.33 -0.41 0.00	27.68 -0.43 0.00	27.21 -0.42 0.00	30.93 -0.48 0.00	31.56 -0.48 0.00	30.44 -0.44 0.00	29.43 -0.42 0.00	31.78 -0.41 0.00	30.66 -0.38 0.00	32.59 -0.43 0.00	31.52 -0.36 0.00	32.87 -0.38 0.00	37.62 -0.22 0.00	42.22 -0.15 0.00	45.79 0.20 0.00	37.52 0.18 0.00	37.69 0.22 0.00	37.14 0.23 0.00	32.50 0.12 0.00	33.12 0.25 0.00	30.71 0.18 0.00
MARSH_HILL_WT_PWR 323713	28.46 -2.83 0.00	27.41 -2.73 0.00	28.24 -2.83 0.00	26.04 -2.70 0.00	25.30 -2.81 0.00	24.96 -2.68 0.00	28.78 -3.18 -0.56	30.33 -2.98 -1.28	28.18 -2.70 0.00	32.35 -2.68 -5.19	61.31 -3.01 -32.13	40.12 -3.19 -12.27	38.94 -3.48 -9.40	29.95 -3.30 -1.37	31.02 -3.35 -1.12	34.71 -3.60 -0.46	57.25 -3.82 -18.70	41.88 -3.71 0.00	34.49 -2.84 0.00	36.16 -2.67 -1.36	34.32 -2.58 0.00	29.86 -2.52 0.00	30.57 -2.29 0.00	28.71 -1.82 0.00
MCINTYRE_115KV_TB2 80467	31.83 0.55 0.00	30.78 0.63 0.00	31.82 0.76 0.00	29.37 0.62 0.00	28.64 0.54 0.00	28.12 0.49 0.00	32.04 0.64 0.00	32.81 0.78 0.00	31.63 0.75 0.00	30.34 0.50 0.00	32.74 0.55 0.00	31.49 0.45 0.00	33.48 0.46 0.00	32.31 0.44 0.00	33.57 0.33 0.00	38.26 0.42 0.00	42.70 0.33 0.00	46.17 0.58 0.00	37.82 0.48 0.00	37.99 0.52 0.00	37.26 0.35 0.00	32.57 0.19 0.00	32.99 0.13 0.00	30.72 0.20 0.00
MECO_____69_KV_BK1 80468	32.04 0.76 0.00	30.85 0.71 0.00	31.80 0.74 0.00	29.43 0.69 0.00	28.78 0.68 0.00	28.32 0.69 0.00	32.26 0.85 0.00	32.96 0.93 0.00	31.79 0.91 0.00	30.76 0.91 0.00	33.20 1.01 0.00	31.99 0.95 0.00	34.04 1.02 0.00	32.89 1.01 0.00	34.38 1.13 0.00	39.32 1.48 0.00	44.16 1.78 0.00	47.76 2.17 0.00	39.11 1.77 0.00	39.24 1.77 0.00	38.65 1.74 0.00	33.81 1.43 0.00	34.37 1.50 0.00	31.82 1.29 0.00
MENANDS___115KV_TB5 355628	32.32 1.04 0.00	31.15 1.01 0.00	32.06 1.00 0.00	29.70 0.96 0.00	29.13 1.02 0.00	28.61 0.98 0.00	32.64 1.23 0.00	33.31 1.28 0.00	32.07 1.19 0.00	30.98 1.14 0.00	33.46 1.27 0.00	32.28 1.24 0.00	34.38 1.35 0.00	33.18 1.30 0.00	34.62 1.38 0.00	39.39 1.55 0.00	44.08 1.71 0.00	47.28 1.70 0.00	38.72 1.39 0.00	38.82 1.36 0.00	38.28 1.37 0.00	33.69 1.31 0.00	34.22 1.35 0.00	31.75 1.22 0.00
MG INDUSTRY___DRP 24185	32.33 1.05 0.00	31.16 1.01 0.00	32.08 1.02 0.00	29.72 0.97 0.00	29.12 1.01 0.00	28.62 0.98 0.00	32.59 1.18 0.00	33.26 1.23 0.00	32.01 1.14 0.00	30.91 1.06 0.00	33.34 1.15 0.00	32.11 1.07 0.00	34.19 1.17 0.00	33.01 1.14 0.00	34.50 1.25 0.00	39.29 1.44 0.00	44.00 1.63 0.00	47.21 1.62 0.00	38.67 1.33 0.00	38.76 1.29 0.00	38.23 1.32 0.00	33.60 1.22 0.00	34.15 1.28 0.00	31.70 1.18 0.00

MID___OSWEGATCHIE_HYD 23849	30.36 -0.92 0.00	29.49 -0.65 0.00	30.64 -0.42 0.00	28.55 -0.19 0.00	27.54 -0.56 0.00	27.03 -0.61 0.00	30.58 -0.83 0.00	31.32 -0.72 0.00	30.19 -0.68 0.00	29.15 -0.70 0.00	31.44 -0.75 0.00	30.21 -0.84 0.00	32.07 -0.95 0.00	31.02 -0.85 0.00	32.17 -1.07 0.00	36.57 -1.28 0.00	40.77 -1.60 0.00	43.99 -1.60 0.00	36.04 -1.30 0.00	36.33 -1.14 0.00	35.66 -1.25 0.00	31.30 -1.08 0.00	31.67 -1.19 0.00	29.56 -0.97 0.00
MID___RAQUETTE_HYD 23851	31.07 -0.21 0.00	30.12 -0.03 0.00	31.18 0.12 0.00	28.83 0.09 0.00	28.05 -0.06 0.00	27.48 -0.15 0.00	31.27 -0.14 0.00	31.99 -0.04 0.00	30.86 -0.02 0.00	29.70 -0.14 0.00	32.01 -0.18 0.00	30.82 -0.22 0.00	32.80 -0.22 0.00	31.61 -0.27 0.00	32.73 -0.52 0.00	37.13 -0.71 0.00	41.28 -1.10 0.00	44.57 -1.02 0.00	36.51 -0.83 0.00	36.71 -0.76 0.00	36.03 -0.88 0.00	31.54 -0.84 0.00	32.02 -0.85 0.00	29.91 -0.62 0.00
MILLIKEN___1 23584	31.33 0.05 0.00	30.17 0.03 0.00	31.09 0.03 0.00	28.76 0.02 0.00	28.07 -0.04 0.00	27.71 0.08 0.00	31.49 0.03 -0.05	32.21 0.06 -0.12	30.94 0.06 0.00	30.40 0.08 -0.48	35.22 0.06 -2.97	32.16 -0.01 -1.13	33.78 -0.10 -0.86	31.95 -0.05 -0.13	33.37 0.02 -0.10	38.01 0.13 -0.04	44.40 0.30 -1.73	46.02 0.43 0.00	37.69 0.36 0.00	37.95 0.36 -0.12	37.25 0.34 0.00	32.64 0.26 0.00	33.12 0.26 0.00	30.75 0.22 0.00
MILLIKEN___2 23585	31.33 0.05 0.00	30.17 0.03 0.00	31.09 0.03 0.00	28.76 0.02 0.00	28.07 -0.04 0.00	27.71 0.08 0.00	31.49 0.03 -0.05	32.21 0.06 -0.12	30.94 0.06 0.00	30.40 0.08 -0.48	35.22 0.06 -2.97	32.16 -0.01 -1.13	33.78 -0.10 -0.86	31.95 -0.05 -0.13	33.37 0.02 -0.10	38.01 0.13 -0.04	44.40 0.30 -1.73	46.02 0.43 0.00	37.69 0.36 0.00	37.95 0.36 -0.12	37.25 0.34 0.00	32.64 0.26 0.00	33.12 0.26 0.00	30.75 0.22 0.00
MILLIKEN___DIESEL 23629	31.33 0.05 0.00	30.17 0.03 0.00	31.09 0.03 0.00	28.76 0.02 0.00	28.07 -0.04 0.00	27.71 0.08 0.00	31.49 0.03 -0.05	32.21 0.06 -0.12	30.94 0.06 0.00	30.40 0.08 -0.48	35.22 0.06 -2.97	32.16 -0.01 -1.13	33.78 -0.10 -0.86	31.95 -0.05 -0.13	33.37 0.02 -0.10	38.01 0.13 -0.04	44.40 0.30 -1.73	46.02 0.43 0.00	37.69 0.36 0.00	37.95 0.36 -0.12	37.25 0.34 0.00	32.64 0.26 0.00	33.12 0.26 0.00	30.75 0.22 0.00
MILLSEAT___LFGE 323607	30.00 -1.28 0.00	28.85 -1.29 0.00	29.67 -1.39 0.00	27.20 -1.54 0.00	26.52 -1.58 0.00	26.11 -1.52 0.00	29.21 -2.11 0.09	29.95 -1.88 0.21	29.24 -1.64 0.00	27.54 -1.46 0.85	25.41 -1.53 5.26	27.41 -1.62 2.01	29.71 -1.76 1.55	29.96 -1.69 0.22	31.36 -1.70 0.18	35.92 -1.85 0.08	37.46 -1.85 3.06	43.77 -1.82 0.00	36.00 -1.34 0.00	35.99 -1.25 0.22	35.96 -0.95 0.00	31.34 -1.04 0.00	32.18 -0.68 0.00	29.77 -0.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.88 1.61 0.00	31.63 1.49 0.00	32.53 1.47 0.00	30.17 1.43 0.00	29.60 1.49 0.00	29.07 1.44 0.00	33.18 1.77 0.00	33.87 1.84 0.00	32.61 1.73 0.00	31.52 1.68 0.00	34.12 1.93 0.00	32.86 1.82 0.00	34.96 1.94 0.00	33.82 1.94 0.00	35.28 2.04 0.00	40.22 2.37 0.00	45.18 2.81 0.00	48.59 3.00 0.00	39.71 2.37 0.00	39.69 2.22 0.00	39.16 2.25 0.00	34.37 2.00 0.00	34.87 2.00 0.00	32.21 1.69 0.00
MILLWOOD_13_KV_LOAD 356217	32.95 1.67 0.00	31.69 1.55 0.00	32.59 1.53 0.00	30.23 1.49 0.00	29.66 1.55 0.00	29.13 1.50 0.00	33.25 1.84 0.00	33.96 1.92 0.00	32.68 1.80 0.00	31.59 1.75 0.00	34.19 1.99 0.00	32.93 1.89 0.00	35.03 2.01 0.00	33.89 2.01 0.00	35.36 2.11 0.00	40.32 2.48 0.00	45.30 2.93 0.00	48.73 3.14 0.00	39.82 2.48 0.00	39.80 2.33 0.00	39.25 2.35 0.00	34.46 2.08 0.00	34.96 2.09 0.00	32.30 1.77 0.00
MODEL_CITY_ENERGY 24167	29.06 -2.23 0.00	27.96 -2.19 0.00	28.77 -2.29 0.00	26.33 -2.42 0.00	25.65 -2.46 0.00	25.22 -2.41 0.00	28.04 -3.26 0.11	28.71 -3.06 0.26	28.10 -2.77 0.00	26.28 -2.51 1.06	23.19 -2.46 6.54	26.00 -2.55 2.50	28.28 -2.82 1.92	28.81 -2.79 0.28	30.13 -2.88 0.23	34.50 -3.25 0.09	35.05 -3.52 3.81	41.87 -3.72 0.00	34.50 -2.84 0.00	34.48 -2.71 0.28	34.59 -2.32 0.00	30.16 -2.22 0.00	31.08 -1.79 0.00	28.78 -1.75 0.00
MODERN_LFGE___ 323580	29.06 -2.23 0.00	27.96 -2.19 0.00	28.77 -2.29 0.00	26.33 -2.42 0.00	25.65 -2.46 0.00	25.22 -2.41 0.00	28.04 -3.26 0.11	28.71 -3.06 0.26	28.10 -2.77 0.00	26.28 -2.51 1.06	23.19 -2.46 6.54	26.00 -2.55 2.50	28.28 -2.82 1.92	28.81 -2.79 0.28	30.13 -2.88 0.23	34.50 -3.25 0.09	35.05 -3.52 3.81	41.87 -3.72 0.00	34.50 -2.84 0.00	34.48 -2.71 0.28	34.59 -2.32 0.00	30.16 -2.22 0.00	31.08 -1.79 0.00	28.78 -1.75 0.00
MOHAWK_PAPER___DRP 24187	32.42 1.14 0.00	31.24 1.10 0.00	32.16 1.10 0.00	29.79 1.04 0.00	29.20 1.09 0.00	28.69 1.06 0.00	32.73 1.32 0.00	33.42 1.38 0.00	32.18 1.30 0.00	31.09 1.25 0.00	33.57 1.38 0.00	32.38 1.34 0.00	34.49 1.46 0.00	33.29 1.42 0.00	34.75 1.51 0.00	39.55 1.71 0.00	44.28 1.91 0.00	47.51 1.92 0.00	38.91 1.57 0.00	39.00 1.54 0.00	38.46 1.55 0.00	33.81 1.44 0.00	34.35 1.48 0.00	31.86 1.34 0.00
MOHICAN___35_KV_115KV_LD 80490	33.54 2.26 0.00	32.26 2.12 0.00	33.19 2.13 0.00	30.74 2.01 0.00	30.10 2.00 0.00	29.71 2.07 0.00	34.00 2.58 0.00	34.76 2.72 0.00	33.46 2.59 0.00	32.30 2.45 0.00	34.97 2.77 0.00	33.66 2.62 0.00	35.96 2.94 0.00	34.64 2.77 0.00	36.23 2.98 0.00	41.15 3.31 0.00	46.09 3.72 0.00	49.52 3.94 0.00	40.51 3.18 0.00	40.62 3.15 0.00	40.04 3.13 0.00	35.13 2.75 0.00	35.67 2.80 0.00	33.08 2.55 0.00
MONGAUP___HYD 23641	32.86 1.58 0.00	31.60 1.46 0.00	32.50 1.44 0.00	30.15 1.40 0.00	29.56 1.45 0.00	29.05 1.42 0.00	33.14 1.73 0.00	33.84 1.80 0.00	32.48 1.60 0.00	31.17 1.33 0.00	33.75 1.55 0.00	32.54 1.50 0.00	34.48 1.46 0.00	33.40 1.52 0.00	34.91 1.66 0.00	39.95 2.11 0.00	45.05 2.69 0.00	48.55 2.97 0.00	39.75 2.41 0.00	39.78 2.32 0.00	39.24 2.33 0.00	34.42 2.04 0.00	34.90 2.04 0.00	32.25 1.73 0.00
MONTAUK___DIESEL 23721	33.22 1.94 0.00	31.77 1.63 0.00	32.50 1.44 0.00	30.07 1.33 0.00	29.60 1.49 0.00	29.37 1.74 0.00	33.32 1.91 0.00	33.70 1.66 0.00	32.01 1.14 0.00	30.91 1.06 0.00	33.63 1.44 0.00	32.36 1.32 0.00	34.12 1.11 0.00	33.08 1.20 0.00	37.29 1.37 -2.68	40.03 2.19 0.00	45.52 3.15 0.00	49.22 3.63 0.00	44.16 2.75 -4.07	43.73 2.44 -3.82	42.85 2.24 -3.70	36.82 2.12 -2.32	35.81 1.95 -0.99	32.08 1.55 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.41 -2.87 0.00	27.26 -2.89 0.00	28.02 -3.04 0.00	25.69 -3.05 0.00	25.07 -3.03 0.00	24.82 -2.81 0.00	27.90 -3.41 0.10	28.62 -3.19 0.23	27.73 -3.14 0.00	25.92 -2.97 0.95	22.81 -3.47 5.91	25.39 -3.39 2.26	27.60 -3.68 1.74	28.04 -3.58 0.25	29.67 -3.37 0.21	34.21 -3.55 0.08	34.81 -4.12 3.44	41.33 -4.25 0.00	33.99 -3.35 0.00	33.90 -3.32 0.25	33.74 -3.17 0.00	29.61 -2.77 0.00	30.45 -2.41 0.00	28.51 -2.01 0.00

MORRIS_RIDGE___SOLAR 323848	28.86 -2.42 0.00	27.82 -2.32 0.00	28.64 -2.42 0.00	26.32 -2.42 0.00	25.62 -2.49 0.00	25.27 -2.36 0.00	27.78 -2.91 0.71	27.58 -2.81 1.64	28.26 -2.61 0.00	20.65 -2.52 6.67	-11.88 -2.77 41.31	12.41 -2.85 15.78	17.80 -3.09 12.13	27.18 -2.94 1.76	28.83 -2.97 1.44	34.02 -3.23 0.59	14.88 -3.45 24.04	42.10 -3.48 0.00	34.60 -2.74 0.00	33.08 -2.63 1.75	34.46 -2.45 0.00	30.09 -2.29 0.00	30.84 -2.02 0.00	28.74 -1.79 0.00
MORTIMER_115KV_TB3 55949	30.33 -0.95 0.00	29.18 -0.96 0.00	30.04 -1.02 0.00	27.63 -1.11 0.00	26.98 -1.13 0.00	26.55 -1.08 0.00	29.99 -1.42 0.00	30.75 -1.29 0.00	29.76 -1.11 0.00	28.86 -0.98 0.00	31.14 -1.06 0.00	29.98 -1.06 0.00	31.89 -1.13 0.00	30.79 -1.08 0.00	32.16 -1.09 0.00	36.65 -1.19 0.00	41.14 -1.23 0.00	44.42 -1.17 0.00	36.47 -0.87 0.00	36.63 -0.84 0.00	36.26 -0.64 0.00	31.66 -0.71 0.00	32.35 -0.52 0.00	29.97 -0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.07 1.79 0.00	31.82 1.68 0.00	32.72 1.66 0.00	30.35 1.61 0.00	29.80 1.69 0.00	29.25 1.61 0.00	33.39 1.99 0.00	34.11 2.08 0.00	32.82 1.95 0.00	31.74 1.90 0.00	34.38 2.19 0.00	33.12 2.08 0.00	35.22 2.20 0.00	34.07 2.19 0.00	35.53 2.29 0.00	40.51 2.67 0.00	45.52 3.15 0.00	48.96 3.37 0.00	40.00 2.67 0.00	39.95 2.49 0.00	39.42 2.51 0.00	34.60 2.22 0.00	35.10 2.24 0.00	32.39 1.87 0.00
MUNSVILLE_WIND_PWR 323609	31.34 0.06 0.00	30.19 0.04 0.00	31.24 0.18 0.00	28.84 0.10 0.00	28.18 0.07 0.00	28.08 0.45 0.00	31.76 0.31 -0.04	32.53 0.40 -0.09	31.21 0.33 0.00	30.60 0.38 -0.38	34.91 0.37 -2.35	32.09 0.15 -0.90	33.80 0.10 -0.68	32.01 0.03 -0.10	33.33 0.00 -0.08	38.47 0.60 -0.03	44.99 1.26 -1.37	46.57 0.98 0.00	38.16 0.82 0.00	38.34 0.77 -0.10	37.56 0.65 0.00	32.97 0.59 0.00	33.73 0.87 0.00	31.08 0.55 0.00
N SALMON___HYD 24042	31.43 0.14 0.00	30.32 0.18 0.00	31.42 0.36 0.00	28.96 0.21 0.00	28.21 0.10 0.00	27.77 0.13 0.00	31.74 0.32 0.00	32.42 0.39 0.00	31.33 0.45 0.00	30.14 0.30 0.00	32.39 0.20 0.00	31.20 0.16 0.00	33.26 0.24 0.00	31.92 0.05 0.00	33.18 -0.07 0.00	37.73 -0.11 0.00	42.08 -0.29 0.00	45.45 -0.14 0.00	37.19 -0.15 0.00	37.38 -0.09 0.00	36.70 -0.21 0.00	32.05 -0.33 0.00	32.44 -0.43 0.00	30.20 -0.32 0.00
N.AKRON__115KV_KNAPP 355671	29.80 -1.48 0.00	28.66 -1.48 0.00	29.49 -1.57 0.00	27.00 -1.74 0.00	26.32 -1.78 0.00	25.91 -1.72 0.00	28.95 -2.36 0.10	29.67 -2.14 0.22	28.99 -1.88 0.00	27.24 -1.69 0.91	24.80 -1.74 5.65	27.06 -1.82 2.16	29.37 -1.99 1.66	29.70 -1.94 0.24	31.08 -1.97 0.20	35.59 -2.17 0.08	36.83 -2.25 3.29	43.33 -2.26 0.00	35.66 -1.68 0.00	35.66 -1.57 0.24	35.66 -1.25 0.00	31.08 -1.29 0.00	31.95 -0.91 0.00	29.57 -0.96 0.00
N.E_GEN_SANDY PD 24062	32.99 1.42 -0.29	31.54 1.34 -0.06	32.39 1.33 0.00	30.01 1.27 0.00	29.43 1.33 0.00	28.90 1.27 0.00	35.62 1.58 -2.63	39.72 1.63 -6.05	35.73 1.55 -3.30	31.30 1.46 0.00	33.84 1.64 0.00	32.62 1.58 0.00	39.82 1.75 -5.05	35.34 1.69 -1.77	37.45 1.78 -2.41	39.96 2.01 -0.10	44.57 2.20 0.00	47.80 2.22 0.00	39.14 1.80 0.00	39.21 1.74 0.00	38.68 1.77 0.00	34.03 1.65 0.00	34.57 1.70 0.00	32.23 1.53 -0.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.85 1.57 0.00	31.57 1.43 0.00	32.49 1.42 0.00	30.13 1.39 0.00	29.55 1.44 0.00	29.02 1.39 0.00	33.13 1.72 0.00	33.82 1.79 0.00	32.55 1.67 0.00	31.47 1.62 0.00	34.04 1.85 0.00	32.78 1.74 0.00	34.88 1.86 0.00	33.75 1.88 0.00	35.21 1.97 0.00	40.16 2.32 0.00	45.12 2.75 0.00	48.52 2.94 0.00	39.66 2.33 0.00	39.65 2.18 0.00	39.12 2.21 0.00	34.32 1.94 0.00	34.83 1.96 0.00	32.17 1.64 0.00
N.QUEENS_27_KV_LOAD 356247	32.97 1.69 0.00	31.77 1.63 0.00	32.63 1.58 0.01	30.30 1.57 0.00	29.82 1.71 0.00	29.19 1.56 0.00	33.49 2.08 0.00	34.23 2.20 0.00	32.91 2.03 0.00	31.83 1.99 0.00	34.64 2.44 0.00	33.33 2.29 0.00	35.43 2.41 0.00	34.31 2.43 0.00	35.76 2.51 0.00	40.77 2.93 0.00	45.77 3.40 0.00	49.15 3.57 0.00	40.17 2.84 0.00	40.10 2.63 0.00	39.57 2.66 0.00	34.75 2.37 0.00	35.34 2.47 0.00	32.52 2.00 0.00
N.TROY___115KV_TB1 355778	32.55 1.27 0.00	31.34 1.20 0.00	32.26 1.19 0.00	29.88 1.13 0.00	29.28 1.17 0.00	28.79 1.15 0.00	32.88 1.47 0.00	33.55 1.52 0.00	32.31 1.43 0.00	31.18 1.34 0.00	33.69 1.49 0.00	32.48 1.44 0.00	34.63 1.62 0.00	33.42 1.54 0.00	34.89 1.64 0.00	39.69 1.84 0.00	44.40 2.03 0.00	47.65 2.07 0.00	39.02 1.68 0.00	39.11 1.64 0.00	38.55 1.65 0.00	33.90 1.52 0.00	34.43 1.57 0.00	31.95 1.43 0.00
NARROWS_GT1_1 24228	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT1_2 24229	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT1_3 24230	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT1_4 24231	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT1_5 24232	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00

NARROWS_GT1_6 24233	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT1_7 24234	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT1_8 24235	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_1 24236	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_2 24237	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_3 24238	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_4 24239	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_5 24240	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_6 24241	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_7 24242	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NARROWS_GT2_8 24243	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.94 1.66 0.00	31.73 1.59 0.00	32.66 1.60 0.00	30.26 1.52 0.00	29.66 1.55 0.00	29.19 1.55 0.00	33.31 1.90 0.00	34.08 2.05 0.00	32.80 1.92 0.00	31.63 1.79 0.00	34.17 1.97 0.00	32.74 1.70 0.00	34.83 1.81 0.00	33.58 1.71 0.00	35.26 2.01 0.00	40.25 2.41 0.00	45.27 2.90 0.00	48.67 3.08 0.00	39.88 2.54 0.00	39.93 2.47 0.00	39.35 2.44 0.00	34.54 2.17 0.00	35.05 2.19 0.00	32.50 1.98 0.00
NCHELSEA_115KV_TR2 355582	33.07 1.79 0.00	31.81 1.67 0.00	32.71 1.65 0.00	30.33 1.58 0.00	29.75 1.64 0.00	29.23 1.60 0.00	33.36 1.95 0.00	34.06 2.03 0.00	32.80 1.92 0.00	31.69 1.85 0.00	34.32 2.12 0.00	33.06 2.02 0.00	35.16 2.14 0.00	34.00 2.12 0.00	35.49 2.24 0.00	40.47 2.62 0.00	45.45 3.08 0.00	48.87 3.28 0.00	39.97 2.63 0.00	39.97 2.50 0.00	39.42 2.51 0.00	34.61 2.23 0.00	35.09 2.22 0.00	32.43 1.90 0.00
NEG CAPITAL____MECHNVIL 23645	33.05 1.77 0.00	31.81 1.67 0.00	32.75 1.69 0.00	30.32 1.58 0.00	29.70 1.59 0.00	29.23 1.60 0.00	33.42 2.01 0.00	34.13 2.09 0.00	32.86 1.98 0.00	31.71 1.87 0.00	34.30 2.11 0.00	33.06 2.02 0.00	35.24 2.21 0.00	34.03 2.16 0.00	35.55 2.31 0.00	40.45 2.61 0.00	45.29 2.92 0.00	48.67 3.08 0.00	39.81 2.48 0.00	39.89 2.43 0.00	39.33 2.42 0.00	34.52 2.15 0.00	35.06 2.19 0.00	32.50 1.97 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.90 -1.37 0.00	28.77 -1.37 0.00	29.62 -1.44 0.00	27.29 -1.46 0.00	26.66 -1.45 0.00	26.25 -1.39 0.00	29.68 -1.73 0.00	30.40 -1.63 0.00	29.40 -1.48 0.00	28.49 -1.35 0.00	30.75 -1.44 0.00	29.62 -1.42 0.00	31.51 -1.52 0.00	30.41 -1.46 0.00	31.76 -1.48 0.00	36.19 -1.66 0.00	40.65 -1.73 0.00	43.82 -1.76 0.00	35.97 -1.37 0.00	36.11 -1.35 0.00	35.72 -1.19 0.00	31.20 -1.18 0.00	31.80 -1.06 0.00	29.47 -1.05 0.00

NEG CENTRAL___DRP 24199	30.85 -0.43 0.00	29.70 -0.44 0.00	30.60 -0.46 0.00	28.26 -0.48 0.00	27.59 -0.51 0.00	27.20 -0.43 0.00	30.81 -0.60 0.00	31.47 -0.56 0.00	30.39 -0.49 0.00	29.38 -0.46 0.00	31.72 -0.48 0.00	30.56 -0.48 0.00	32.44 -0.58 0.00	31.38 -0.50 0.00	32.77 -0.48 0.00	37.35 -0.49 0.00	41.92 -0.45 0.00	45.23 -0.36 0.00	37.07 -0.27 0.00	37.20 -0.27 0.00	36.69 -0.21 0.00	32.14 -0.24 0.00	32.64 -0.23 0.00	30.30 -0.22 0.00
NEG CENTRAL___INDECK 23768	30.63 -0.65 0.00	29.46 -0.68 0.00	30.32 -0.74 0.00	27.90 -0.85 0.00	27.22 -0.88 0.00	26.83 -0.81 0.00	30.92 -1.04 -0.55	32.48 -0.82 -1.27	30.25 -0.63 0.00	34.42 -0.58 -5.16	63.47 -0.68 -31.96	42.41 -0.85 -12.21	41.45 -0.93 -9.36	32.41 -0.84 -1.36	33.59 -0.77 -1.11	37.60 -0.70 -0.46	60.40 -0.58 -18.60	45.25 -0.34 0.00	37.18 -0.16 0.00	38.73 -0.10 -1.36	36.93 0.03 0.00	32.17 -0.20 0.00	32.87 0.01 0.00	30.50 -0.03 0.00
NEG CENTRAL___SENECA 23627	30.77 -0.51 0.00	29.62 -0.52 0.00	30.50 -0.56 0.00	28.15 -0.59 0.00	27.48 -0.62 0.00	27.09 -0.55 0.00	30.68 -0.73 0.00	31.38 -0.65 0.00	30.31 -0.57 0.00	29.33 -0.52 0.00	31.64 -0.55 0.00	30.50 -0.54 0.00	32.39 -0.63 0.00	31.31 -0.57 0.00	32.70 -0.54 0.00	37.30 -0.55 0.00	41.88 -0.49 0.00	45.19 -0.40 0.00	37.04 -0.29 0.00	37.18 -0.28 0.00	36.72 -0.19 0.00	32.11 -0.27 0.00	32.65 -0.21 0.00	30.28 -0.25 0.00
NEG CENTRAL___STATE_STREET 24147	31.13 -0.15 0.00	30.00 -0.14 0.00	30.90 -0.16 0.00	28.59 -0.15 0.00	27.83 -0.27 0.00	27.49 -0.14 0.00	31.16 -0.25 0.00	31.79 -0.25 0.00	30.67 -0.20 0.00	29.59 -0.25 0.00	31.97 -0.22 0.00	30.74 -0.30 0.00	32.66 -0.36 0.00	31.66 -0.21 0.00	33.06 -0.18 0.00	37.63 -0.21 0.00	42.16 -0.21 0.00	45.53 -0.06 0.00	37.29 -0.05 0.00	37.43 -0.04 0.00	36.91 0.00 0.00	32.36 -0.02 0.00	32.75 -0.11 0.00	30.48 -0.04 0.00
NEG MILLWOOD___DRP 24198	33.18 1.91 0.00	31.92 1.78 0.00	32.82 1.76 0.00	30.43 1.69 0.00	29.85 1.75 0.00	29.34 1.70 0.00	33.49 2.08 0.00	34.22 2.18 0.00	32.95 2.07 0.00	31.85 2.00 0.00	34.49 2.29 0.00	33.22 2.18 0.00	35.34 2.33 0.00	34.18 2.30 0.00	35.66 2.42 0.00	40.66 2.82 0.00	45.70 3.33 0.00	49.15 3.56 0.00	40.19 2.85 0.00	40.18 2.71 0.00	39.62 2.71 0.00	34.77 2.40 0.00	35.25 2.39 0.00	32.57 2.04 0.00
NEG NORTH_FLCN_SEA 23793	31.45 0.17 0.00	30.29 0.15 0.00	31.40 0.34 0.00	28.99 0.25 0.00	28.21 0.10 0.00	27.84 0.21 0.00	31.85 0.44 0.00	32.46 0.43 0.00	31.30 0.42 0.00	30.09 0.25 0.00	32.30 0.11 0.00	31.14 0.10 0.00	33.18 0.16 0.00	31.84 -0.04 0.00	33.18 -0.06 0.00	37.73 -0.11 0.00	42.05 -0.32 0.00	45.34 -0.25 0.00	37.08 -0.26 0.00	37.25 -0.22 0.00	36.63 -0.28 0.00	32.02 -0.35 0.00	32.42 -0.44 0.00	30.19 -0.34 0.00
NEG NORTH_KES_CHATEGAY 23792	31.12 -0.16 0.00	29.99 -0.15 0.00	31.08 0.02 0.00	28.62 -0.12 0.00	27.91 -0.20 0.00	27.49 -0.14 0.00	31.43 0.03 0.00	32.04 0.00 0.00	30.92 0.04 0.00	29.69 -0.15 0.00	31.88 -0.32 0.00	30.74 -0.30 0.00	32.72 -0.30 0.00	31.41 -0.47 0.00	32.67 -0.57 0.00	37.21 -0.63 0.00	41.51 -0.86 0.00	44.82 -0.77 0.00	36.67 -0.66 0.00	36.86 -0.61 0.00	36.22 -0.69 0.00	31.65 -0.73 0.00	32.03 -0.84 0.00	29.83 -0.69 0.00
NEG NORTH___ALICE_FALLS 23915	31.55 0.27 0.00	30.37 0.23 0.00	31.49 0.43 0.00	29.07 0.33 0.00	28.28 0.18 0.00	27.91 0.28 0.00	31.94 0.53 0.00	32.56 0.53 0.00	31.43 0.56 0.00	30.21 0.37 0.00	32.45 0.26 0.00	31.27 0.23 0.00	33.31 0.29 0.00	31.95 0.08 0.00	33.33 0.08 0.00	37.90 0.06 0.00	42.29 -0.08 0.00	45.62 0.03 0.00	37.32 -0.02 0.00	37.48 0.02 0.00	36.85 -0.06 0.00	32.19 -0.18 0.00	32.58 -0.28 0.00	30.33 -0.19 0.00
NEG NORTH___LWR_SARANAC 23913	31.55 0.27 0.00	30.37 0.23 0.00	31.49 0.43 0.00	29.07 0.33 0.00	28.28 0.18 0.00	27.91 0.28 0.00	31.94 0.53 0.00	32.56 0.53 0.00	31.43 0.56 0.00	30.21 0.37 0.00	32.45 0.26 0.00	31.27 0.23 0.00	33.31 0.29 0.00	31.95 0.08 0.00	33.33 0.08 0.00	37.90 0.06 0.00	42.29 -0.08 0.00	45.62 0.03 0.00	37.32 -0.02 0.00	37.48 0.02 0.00	36.85 -0.06 0.00	32.19 -0.18 0.00	32.58 -0.28 0.00	30.33 -0.19 0.00
NEG NORTH___PLATTSBURG 23628	31.55 0.27 0.00	30.37 0.23 0.00	31.49 0.43 0.00	29.07 0.33 0.00	28.29 0.18 0.00	27.91 0.28 0.00	31.93 0.53 0.00	32.56 0.52 0.00	31.43 0.56 0.00	30.21 0.37 0.00	32.45 0.26 0.00	31.27 0.23 0.00	33.31 0.29 0.00	31.95 0.08 0.00	33.33 0.08 0.00	37.90 0.06 0.00	42.29 -0.08 0.00	45.62 0.03 0.00	37.32 -0.02 0.00	37.48 0.02 0.00	36.85 -0.06 0.00	32.19 -0.18 0.00	32.58 -0.28 0.00	30.33 -0.19 0.00
NEG WEST_LEA_LOCKPORT 23791	29.27 -2.01 0.00	28.16 -1.99 0.00	28.97 -2.09 0.00	26.51 -2.23 0.00	25.82 -2.28 0.00	25.41 -2.23 0.00	28.31 -2.98 0.12	28.99 -2.78 0.27	28.38 -2.50 0.00	26.49 -2.26 1.09	23.13 -2.31 6.75	26.11 -2.35 2.58	28.47 -2.57 1.98	29.07 -2.52 0.29	30.41 -2.60 0.23	34.84 -2.91 0.10	35.28 -3.16 3.93	42.32 -3.27 0.00	34.86 -2.48 0.00	34.83 -2.35 0.29	34.94 -1.97 0.00	30.46 -1.92 0.00	31.36 -1.50 0.00	29.04 -1.48 0.00
NEG WEST___LANCASTER 23811	29.73 -1.55 0.00	28.60 -1.54 0.00	29.44 -1.62 0.00	27.01 -1.73 0.00	26.27 -1.84 0.00	25.91 -1.73 0.00	29.07 -2.22 0.11	29.73 -2.05 0.25	29.02 -1.85 0.00	27.15 -1.66 1.03	24.03 -1.77 6.39	26.85 -1.75 2.44	29.23 -1.91 1.88	29.75 -1.86 0.27	31.14 -1.89 0.22	35.64 -2.12 0.09	36.39 -2.26 3.72	43.31 -2.28 0.00	35.62 -1.72 0.00	35.57 -1.63 0.27	35.53 -1.38 0.00	30.99 -1.39 0.00	31.81 -1.06 0.00	29.51 -1.02 0.00
NEG_PENN_ALLEGHNY 23528	30.90 -0.38 0.00	29.75 -0.39 0.00	30.64 -0.42 0.00	28.34 -0.40 0.00	27.67 -0.43 0.00	27.32 -0.31 0.00	31.01 -0.42 -0.03	31.70 -0.40 -0.07	30.50 -0.38 0.00	29.81 -0.31 -0.27	33.55 -0.34 -1.70	31.34 -0.35 -0.65	33.13 -0.39 -0.50	31.58 -0.37 -0.07	32.95 -0.35 -0.06	37.51 -0.36 -0.02	43.05 -0.31 -0.99	45.31 -0.28 0.00	37.10 -0.24 0.00	37.32 -0.23 -0.07	36.67 -0.24 0.00	32.13 -0.25 0.00	32.68 -0.18 0.00	30.33 -0.19 0.00
NEG___GEN_MONROE 24207	30.47 -0.81 0.00	29.30 -0.84 0.00	30.16 -0.90 0.00	27.73 -1.01 0.00	27.07 -1.04 0.00	26.65 -0.98 0.00	30.06 -1.33 0.02	30.82 -1.17 0.05	29.88 -0.99 0.00	28.76 -0.86 0.21	29.92 -0.94 1.33	29.56 -0.97 0.51	31.58 -1.05 0.39	30.83 -0.99 0.06	32.23 -0.97 0.05	36.79 -1.04 0.02	40.59 -1.01 0.77	44.66 -0.93 0.00	36.69 -0.64 0.00	36.80 -0.61 0.06	36.50 -0.41 0.00	31.84 -0.54 0.00	32.55 -0.31 0.00	30.14 -0.39 0.00
NEPA___ENERGY 23901	29.28 -2.00 0.00	28.16 -1.98 0.00	28.98 -2.08 0.00	26.66 -2.08 0.00	25.88 -2.23 0.00	25.64 -1.99 0.00	28.79 -2.50 0.13	29.32 -2.42 0.29	28.58 -2.29 0.00	26.59 -2.06 1.19	22.53 -2.28 7.38	25.95 -2.28 2.82	28.41 -2.45 2.17	29.20 -2.36 0.31	30.65 -2.34 0.26	35.08 -2.65 0.11	35.19 -2.89 4.30	42.66 -2.93 0.00	35.02 -2.32 0.00	34.93 -2.22 0.31	34.82 -2.08 0.00	30.41 -1.97 0.00	31.18 -1.68 0.00	29.02 -1.51 0.00

NEVERSINK___HYD 23608	32.57 1.29 0.00	31.31 1.17 0.00	32.21 1.15 0.00	29.88 1.14 0.00	29.29 1.19 0.00	28.80 1.17 0.00	32.87 1.46 0.00	33.56 1.53 0.00	32.31 1.44 0.00	31.20 1.36 0.00	33.79 1.60 0.00	32.51 1.47 0.00	34.35 1.33 0.00	32.39 0.51 0.00	33.81 0.57 0.00	38.67 0.83 0.00	43.56 1.19 0.00	46.89 1.31 0.00	38.33 0.99 0.00	38.35 0.88 0.00	37.94 1.03 0.00	34.13 1.75 0.00	34.59 1.73 0.00	31.96 1.43 0.00
NEWKRMKL_115KV_TB1 55635	32.27 0.99 0.00	31.11 0.97 0.00	32.01 0.95 0.00	29.67 0.93 0.00	29.08 0.98 0.00	28.58 0.95 0.00	32.59 1.18 0.00	33.28 1.24 0.00	32.03 1.16 0.00	30.97 1.13 0.00	33.40 1.21 0.00	32.23 1.19 0.00	34.32 1.30 0.00	33.12 1.25 0.00	34.58 1.33 0.00	39.35 1.51 0.00	44.04 1.67 0.00	47.24 1.65 0.00	38.69 1.35 0.00	38.79 1.32 0.00	38.27 1.36 0.00	33.67 1.30 0.00	34.19 1.33 0.00	31.71 1.18 0.00
NEWTON___FALLS_HYD 23847	30.36 -0.92 0.00	29.49 -0.65 0.00	30.64 -0.42 0.00	28.55 -0.19 0.00	27.54 -0.56 0.00	27.03 -0.61 0.00	30.58 -0.83 0.00	31.32 -0.72 0.00	30.19 -0.68 0.00	29.15 -0.70 0.00	31.44 -0.75 0.00	30.21 -0.84 0.00	32.07 -0.95 0.00	31.02 -0.85 0.00	32.17 -1.07 0.00	36.57 -1.28 0.00	40.77 -1.60 0.00	43.99 -1.60 0.00	36.04 -1.30 0.00	36.33 -1.14 0.00	35.66 -1.25 0.00	31.30 -1.08 0.00	31.67 -1.19 0.00	29.56 -0.97 0.00
NGRID_A1_DSASP 323792	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
NGRID_A2_DSASP 323793	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
NGRID_A4_DSASP 323807	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
NIAGARA_115E_LBMP 323715	28.93 -2.36 0.00	27.83 -2.32 0.00	28.63 -2.43 0.00	26.20 -2.54 0.00	25.53 -2.58 0.00	25.10 -2.53 0.00	27.85 -3.44 0.12	28.52 -3.25 0.26	27.93 -2.95 0.00	26.09 -2.67 1.08	22.90 -2.62 6.68	25.80 -2.69 2.55	28.07 -2.99 1.96	28.62 -2.97 0.28	29.95 -3.06 0.23	34.28 -3.46 0.10	34.71 -3.77 3.88	41.59 -4.00 0.00	34.26 -3.07 0.00	34.24 -2.94 0.28	34.36 -2.54 0.00	29.98 -2.40 0.00	30.91 -1.96 0.00	28.62 -1.90 0.00
NIAGARA_115W_LBMP 323714	28.80 -2.48 0.00	27.70 -2.44 0.00	28.50 -2.56 0.00	26.08 -2.67 0.00	25.40 -2.71 0.00	24.97 -2.67 0.00	27.88 -3.41 0.12	28.54 -3.23 0.27	27.95 -2.93 0.00	26.10 -2.66 1.08	22.84 -2.65 6.70	25.81 -2.66 2.56	28.12 -2.93 1.97	28.69 -2.90 0.29	30.00 -3.02 0.23	34.36 -3.39 0.10	34.84 -3.63 3.90	41.63 -3.96 0.00	34.30 -3.04 0.00	34.29 -2.90 0.28	34.40 -2.51 0.00	30.00 -2.38 0.00	30.91 -1.96 0.00	28.63 -1.89 0.00
NIAGARA_230_LBMP 323716	29.08 -2.20 0.00	27.97 -2.17 0.00	28.78 -2.28 0.00	26.35 -2.39 0.00	25.66 -2.45 0.00	25.23 -2.40 0.00	28.20 -3.10 0.11	28.85 -2.93 0.26	28.24 -2.64 0.00	26.38 -2.42 1.04	23.23 -2.52 6.44	26.09 -2.49 2.46	28.44 -2.69 1.89	28.96 -2.65 0.27	30.29 -2.73 0.22	34.67 -3.08 0.09	35.25 -3.38 3.75	42.08 -3.51 0.00	34.64 -2.70 0.00	34.62 -2.58 0.27	34.71 -2.20 0.00	30.27 -2.10 0.00	31.16 -1.70 0.00	28.88 -1.65 0.00
NIAGARA___115KV_198_GIBSON 55903	28.80 -2.48 0.00	27.70 -2.44 0.00	28.51 -2.55 0.00	26.08 -2.67 0.00	25.39 -2.71 0.00	24.96 -2.67 0.00	27.88 -3.41 0.12	28.53 -3.24 0.27	27.95 -2.93 0.00	26.10 -2.66 1.08	22.81 -2.68 6.70	25.80 -2.93 2.56	28.12 -2.93 1.97	28.69 -2.90 0.29	29.99 -3.02 0.23	34.35 -3.39 0.10	34.83 -3.64 3.90	41.63 -3.96 0.00	34.30 -3.04 0.00	34.30 -2.89 0.28	34.42 -2.49 0.00	30.00 -2.38 0.00	30.91 -1.95 0.00	28.63 -1.89 0.00
NIAGARA____ 23760	29.08 -2.20 0.00	27.97 -2.17 0.00	28.78 -2.28 0.00	26.35 -2.39 0.00	25.66 -2.45 0.00	25.23 -2.40 0.00	28.20 -3.10 0.11	28.85 -2.93 0.26	28.24 -2.64 0.00	26.37 -2.42 1.05	23.18 -2.52 6.49	26.07 -2.49 2.48	28.42 -2.69 1.91	28.95 -2.65 0.28	30.29 -2.73 0.23	34.67 -3.08 0.09	35.20 -3.38 3.79	42.08 -3.51 0.00	34.64 -2.70 0.00	34.62 -2.58 0.28	34.71 -2.20 0.00	30.27 -2.10 0.00	31.16 -1.70 0.00	28.88 -1.65 0.00
NINE_MILE_1 23575	30.25 -1.03 0.00	29.17 -0.98 0.00	30.04 -1.02 0.00	27.80 -0.94 0.00	27.17 -0.94 0.00	26.71 -0.92 0.00	30.24 -1.17 0.00	30.79 -1.25 0.00	29.69 -1.19 0.00	28.74 -1.10 0.00	30.98 -1.21 0.00	29.88 -1.16 0.00	31.74 -1.28 0.00	30.68 -1.19 0.00	31.99 -1.25 0.00	36.38 -1.46 0.00	40.77 -1.60 0.00	43.88 -1.71 0.00	35.96 -1.38 0.00	36.08 -1.39 0.00	35.56 -1.35 0.00	31.23 -1.15 0.00	31.71 -1.15 0.00	29.49 -1.03 0.00
NINE_MILE_2 23744	30.26 -1.02 0.00	29.17 -0.98 0.00	30.04 -1.02 0.00	27.81 -0.93 0.00	27.17 -0.94 0.00	26.71 -0.92 0.00	30.24 -1.16 0.00	30.79 -1.24 0.00	29.70 -1.18 0.00	28.74 -1.10 0.00	30.98 -1.21 0.00	29.88 -1.16 0.00	31.75 -1.28 0.00	30.68 -1.19 0.00	32.00 -1.25 0.00	36.40 -1.45 0.00	40.77 -1.60 0.00	43.88 -1.71 0.00	35.96 -1.38 0.00	36.09 -1.38 0.00	35.57 -1.34 0.00	31.23 -1.15 0.00	31.71 -1.15 0.00	29.50 -1.03 0.00
NM_CAPITAL___DRP 24208	32.27 0.99 0.00	31.10 0.96 0.00	32.02 0.96 0.00	29.66 0.93 0.00	29.09 0.98 0.00	28.58 0.94 0.00	32.59 1.18 0.00	33.26 1.23 0.00	32.03 1.15 0.00	30.95 1.11 0.00	33.40 1.21 0.00	32.23 1.19 0.00	34.33 1.31 0.00	33.12 1.24 0.00	34.57 1.32 0.00	39.33 1.49 0.00	44.01 1.63 0.00	47.20 1.61 0.00	38.66 1.33 0.00	38.75 1.28 0.00	38.23 1.33 0.00	33.65 1.27 0.00	34.17 1.31 0.00	31.70 1.18 0.00
NM_CENTRAL___DRP 24181	30.76 -0.52 0.00	29.64 -0.50 0.00	30.53 -0.54 0.00	28.24 -0.50 0.00	27.60 -0.50 0.00	27.17 -0.46 0.00	30.77 -0.64 0.00	31.37 -0.66 0.00	30.26 -0.62 0.00	29.30 -0.54 0.00	31.61 -0.58 0.00	30.48 -0.56 0.00	32.39 -0.63 0.00	31.31 -0.57 0.00	32.66 -0.59 0.00	37.18 -0.67 0.00	41.68 -0.69 0.00	44.86 -0.73 0.00	36.74 -0.60 0.00	36.86 -0.61 0.00	36.33 -0.57 0.00	31.87 -0.50 0.00	32.37 -0.50 0.00	30.07 -0.45 0.00

NM_FRONTIER___DRP 24179	28.80 -2.48 0.00	27.70 -2.44 0.00	28.51 -2.55 0.00	26.08 -2.67 0.00	25.39 -2.71 0.00	24.96 -2.67 0.00	27.88 -3.41 0.12	28.53 -3.24 0.27	27.95 -2.93 0.00	26.10 -2.66 1.08	22.81 -2.68 6.70	25.80 -2.68 2.56	28.12 -2.93 1.97	28.69 -2.90 0.29	29.99 -3.02 0.23	34.35 -3.39 0.10	34.83 -3.64 3.90	41.63 -3.96 0.00	34.30 -3.04 0.00	34.30 -2.89 0.28	34.42 -2.49 0.00	30.00 -2.38 0.00	30.91 -1.95 0.00	28.63 -1.89 0.00
NM_ST_REGIS___HYD 24053	31.17 -0.11 0.00	30.18 0.04 0.00	31.26 0.20 0.00	28.87 0.13 0.00	28.10 -0.01 0.00	27.57 -0.06 0.00	31.41 0.00 0.00	32.12 0.08 0.00	31.00 0.13 0.00	29.84 0.00 0.00	32.13 -0.07 0.00	30.93 -0.11 0.00	32.93 -0.09 0.00	31.70 -0.18 0.00	32.86 -0.38 0.00	37.30 -0.54 0.00	41.49 -0.88 0.00	44.81 -0.78 0.00	36.70 -0.63 0.00	36.90 -0.57 0.00	36.21 -0.70 0.00	31.68 -0.70 0.00	32.14 -0.73 0.00	29.99 -0.53 0.00
NORTHPORT___1 23551	33.21 1.93 0.00	31.87 1.73 0.00	32.74 1.68 0.00	30.37 1.62 0.00	29.83 1.73 0.00	29.28 1.65 0.00	33.30 1.89 0.00	33.91 1.87 0.00	32.45 1.57 0.00	31.48 1.64 0.00	34.37 2.18 0.00	33.13 2.08 0.00	34.84 1.82 0.00	33.70 1.83 0.00	21.23 1.85 13.86	40.31 2.47 0.00	45.58 3.21 0.00	49.04 3.45 0.00	18.84 2.58 21.07	20.01 2.32 19.78	20.01 2.25 19.15	22.48 2.10 12.00	29.82 2.09 5.14	32.34 1.81 0.00
NORTHPORT___2 23552	33.21 1.93 0.00	31.87 1.73 0.00	32.74 1.68 0.00	30.37 1.62 0.00	29.83 1.73 0.00	29.28 1.65 0.00	33.30 1.89 0.00	33.91 1.87 0.00	32.45 1.57 0.00	31.48 1.64 0.00	34.37 2.18 0.00	33.13 2.08 0.00	34.84 1.82 0.00	33.70 1.83 0.00	21.23 1.85 13.86	40.31 2.47 0.00	45.58 3.21 0.00	49.04 3.45 0.00	18.84 2.58 21.07	20.01 2.32 19.78	20.01 2.25 19.15	22.48 2.10 12.00	29.82 2.09 5.14	32.34 1.81 0.00
NORTHPORT___3 23553	33.18 1.90 0.00	31.87 1.73 0.00	32.74 1.67 0.00	30.36 1.61 0.00	29.83 1.73 0.00	29.27 1.64 0.00	33.29 1.88 0.00	33.90 1.86 0.00	32.44 1.57 0.00	31.49 1.64 0.00	34.40 2.20 0.00	33.15 2.11 0.00	34.87 1.85 0.00	33.73 1.86 0.00	26.96 1.86 8.14	40.31 2.47 0.00	45.56 3.19 0.00	49.02 3.43 0.00	27.52 2.56 12.38	28.16 2.31 11.62	27.90 2.25 11.25	27.42 2.09 7.05	31.94 2.09 3.02	32.35 1.83 0.00
NORTHPORT___4 23650	33.18 1.90 0.00	31.87 1.73 0.00	32.74 1.67 0.00	30.36 1.61 0.00	29.83 1.73 0.00	29.27 1.64 0.00	33.29 1.88 0.00	33.90 1.86 0.00	32.44 1.57 0.00	31.49 1.64 0.00	34.40 2.20 0.00	33.15 2.11 0.00	34.87 1.85 0.00	33.73 1.86 0.00	26.96 1.86 8.14	40.31 2.47 0.00	45.56 3.19 0.00	49.02 3.43 0.00	27.52 2.56 12.38	28.16 2.31 11.62	27.90 2.25 11.25	27.42 2.09 7.05	31.94 2.09 3.02	32.35 1.83 0.00
NORTHPORT___IC 23718	33.21 1.93 0.00	31.87 1.73 0.00	32.74 1.68 0.00	30.37 1.62 0.00	29.83 1.73 0.00	29.28 1.65 0.00	33.30 1.89 0.00	33.91 1.87 0.00	32.45 1.57 0.00	31.48 1.64 0.00	34.37 2.18 0.00	33.12 2.08 0.00	34.84 1.82 0.00	33.70 1.83 0.00	21.23 1.85 13.86	40.31 2.47 0.00	45.58 3.21 0.00	49.04 3.45 0.00	18.84 2.58 21.07	20.01 2.32 19.78	20.01 2.26 19.15	22.47 2.10 12.00	29.82 2.09 5.14	32.34 1.81 0.00
NORTH___COUNTRY_ESR 323785	31.06 -0.22 0.00	29.93 -0.21 0.00	31.02 -0.04 0.00	28.57 -0.17 0.00	27.84 -0.26 0.00	27.43 -0.20 0.00	31.36 -0.04 0.00	31.96 -0.08 0.00	30.85 -0.03 0.00	29.63 -0.21 0.00	31.84 -0.35 0.00	30.69 -0.35 0.00	32.69 -0.33 0.00	31.37 -0.50 0.00	32.66 -0.59 0.00	37.15 -0.69 0.00	41.43 -0.94 0.00	44.70 -0.89 0.00	36.58 -0.75 0.00	36.76 -0.71 0.00	36.12 -0.79 0.00	31.58 -0.80 0.00	31.96 -0.90 0.00	29.77 -0.75 0.00
NPX_GEN_1385_PROXY 323591	70.34 2.64 -36.42	43.25 2.42 -10.68	35.02 2.40 -1.56	35.32 2.28 -4.30	30.51 2.36 -0.04	36.20 2.28 -6.29	52.66 2.60 -18.65	44.62 2.60 -9.99	36.84 2.27 -3.70	32.10 2.26 0.00	34.40 2.21 0.00	33.21 2.17 0.00	34.79 1.77 0.00	33.80 1.92 0.00	21.46 2.08 13.86	41.10 3.25 0.00	85.01 4.18 -38.46	50.06 4.47 0.00	19.54 3.28 21.07	20.53 2.84 19.78	20.65 2.90 19.15	23.08 2.71 12.00	30.25 2.52 5.14	32.47 1.95 0.00
NPX_GEN_CSC 323557	33.59 2.31 0.00	32.19 2.05 0.00	33.04 1.98 0.00	30.62 1.88 0.00	30.10 2.00 0.00	29.55 2.03 0.12	33.79 2.38 0.00	34.38 2.35 0.00	32.73 1.85 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.01 2.00 0.00	33.90 2.02 0.00	38.12 2.18 -2.70	40.78 2.94 0.00	45.72 3.86 0.51	49.88 4.29 0.00	44.72 3.29 -4.10	44.32 3.01 -3.85	43.42 2.79 -3.72	37.40 2.69 -2.33	36.46 2.60 -1.00	32.73 2.20 0.00
NSINS_S_GLNS_FALLS 23858	33.51 2.24 0.00	32.25 2.10 0.00	33.17 2.10 0.00	30.72 1.98 0.00	30.08 1.98 0.00	29.69 2.05 0.00	33.96 2.55 0.00	34.73 2.69 0.00	33.43 2.55 0.00	32.27 2.43 0.00	34.94 2.75 0.00	33.64 2.60 0.00	35.92 2.90 0.00	34.60 2.72 0.00	36.19 2.94 0.00	41.11 3.27 0.00	46.04 3.67 0.00	49.49 3.90 0.00	40.47 3.14 0.00	40.59 3.12 0.00	40.00 3.10 0.00	35.10 2.72 0.00	35.64 2.77 0.00	33.05 2.52 0.00
NUCOR_STEEL___DRP 24197	31.13 -0.15 0.00	29.99 -0.15 0.00	30.90 -0.16 0.00	28.59 -0.15 0.00	27.83 -0.28 0.00	27.49 -0.15 0.00	31.16 -0.25 0.00	31.78 -0.25 0.00	30.66 -0.21 0.00	29.56 -0.28 0.00	31.97 -0.22 0.00	30.71 -0.33 0.00	32.63 -0.39 0.00	31.65 -0.22 0.00	33.05 -0.19 0.00	37.60 -0.24 0.00	42.12 -0.26 0.00	45.50 -0.09 0.00	37.26 -0.08 0.00	37.40 -0.07 0.00	36.88 -0.03 0.00	32.34 -0.04 0.00	32.71 -0.15 0.00	30.45 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	30.05 -1.23 0.00	29.25 -0.89 0.00	30.50 -0.56 0.00	28.64 -0.10 0.00	27.40 -0.71 0.00	26.91 -0.72 0.00	30.37 -1.04 0.00	31.14 -0.90 0.00	29.99 -0.89 0.00	29.04 -0.80 0.00	31.42 -0.77 0.00	30.09 -0.95 0.00	31.87 -1.15 0.00	30.99 -0.89 0.00	32.15 -1.10 0.00	36.62 -1.23 0.00	40.95 -1.42 0.00	44.13 -1.46 0.00	36.14 -1.19 0.00	36.61 -0.86 0.00	35.92 -0.98 0.00	31.60 -0.77 0.00	31.81 -1.06 0.00	29.68 -0.84 0.00
NYISO_LBMP_REFERENCE 24008	31.28 0.00 0.00	30.14 0.00 0.00	31.06 0.00 0.00	28.74 0.00 0.00	28.10 0.00 0.00	27.63 0.00 0.00	31.41 0.00 0.00	32.04 0.00 0.00	30.88 0.00 0.00	29.84 0.00 0.00	32.19 0.00 0.00	31.04 0.00 0.00	33.02 0.00 0.00	31.88 0.00 0.00	33.25 0.00 0.00	37.84 0.00 0.00	42.37 0.00 0.00	45.58 0.00 0.00	37.34 0.00 0.00	37.47 0.00 0.00	36.91 0.00 0.00	32.38 0.00 0.00	32.86 0.00 0.00	30.52 0.00 0.00
NYPA_BRENTWD____GT 24164	33.60 2.32 0.00	32.22 2.08 0.00	33.10 2.04 0.00	30.72 1.98 0.00	30.18 2.07 0.00	29.64 2.01 0.00	33.76 2.35 0.00	34.39 2.36 0.00	32.93 2.05 0.00	31.87 2.03 0.00	34.77 2.58 0.00	33.49 2.44 0.00	35.27 2.25 0.00	34.16 2.28 0.00	38.02 2.45 -2.33	40.93 3.09 0.00	46.35 3.98 0.00	49.90 4.31 0.00	44.28 3.41 -3.54	43.94 3.15 -3.32	43.18 3.06 -3.22	37.15 2.76 -2.02	36.45 2.72 -0.86	32.81 2.29 0.00

NYPA_GOWANUS____GT5 24156	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NYPA_GOWANUS____GT6 24157	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.31 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.42 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.53 0.00	40.80 2.96 0.00	45.88 3.51 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.28 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00
NYPA_HARLEM__RVR__GT1 24160	32.97 1.69 0.00	31.75 1.61 0.00	32.62 1.58 0.02	30.29 1.56 0.01	29.79 1.68 0.00	29.17 1.54 0.01	33.44 2.02 0.00	34.17 2.13 0.00	32.85 1.98 0.00	31.76 1.93 0.01	34.54 2.34 0.00	33.24 2.20 0.00	35.33 2.31 0.00	34.20 2.33 0.00	35.65 2.40 0.00	40.64 2.80 0.00	45.63 3.27 0.01	49.04 3.46 0.01	40.06 2.73 0.01	39.99 2.52 0.01	39.46 2.56 0.01	34.65 2.28 0.01	35.24 2.37 0.00	32.43 1.91 0.00
NYPA_HARLEM__RVR__GT2 24161	32.97 1.69 0.00	31.75 1.61 0.00	32.62 1.58 0.02	30.29 1.56 0.01	29.79 1.68 0.00	29.17 1.54 0.01	33.44 2.02 0.00	34.17 2.13 0.00	32.85 1.98 0.00	31.76 1.93 0.01	34.54 2.34 0.00	33.24 2.20 0.00	35.33 2.31 0.00	34.20 2.33 0.00	35.65 2.40 0.00	40.64 2.80 0.00	45.63 3.27 0.01	49.04 3.46 0.01	40.06 2.73 0.01	39.99 2.52 0.01	39.46 2.56 0.01	34.65 2.28 0.01	35.24 2.37 0.00	32.43 1.91 0.00
NYPA_KENT____GT 24152	33.27 1.99 0.00	32.03 1.89 0.00	32.94 1.88 0.00	30.56 1.82 0.00	30.00 1.90 0.00	29.43 1.80 0.00	33.60 2.19 0.00	34.32 2.29 0.00	33.04 2.16 0.00	31.94 2.10 0.00	34.60 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.29 2.41 0.00	35.76 2.51 0.00	40.76 2.92 0.00	45.84 3.47 0.00	49.30 3.71 0.00	40.30 2.96 0.00	40.22 2.76 0.00	39.69 2.78 0.00	34.83 2.46 0.00	35.33 2.46 0.00	32.58 2.06 0.00
NYPA_POUCH1____GT 24155	33.41 2.13 0.00	32.20 2.06 0.00	33.11 2.05 0.00	30.72 1.97 0.00	30.16 2.05 0.00	29.53 1.90 0.00	33.65 2.24 0.00	34.38 2.34 0.00	33.12 2.24 0.00	32.01 2.17 0.00	34.63 2.43 0.00	33.35 2.31 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.78 2.54 0.00	40.81 2.97 0.00	45.93 3.55 0.00	49.44 3.85 0.00	40.41 3.07 0.00	40.35 2.88 0.00	39.81 2.90 0.00	34.92 2.54 0.00	35.41 2.54 0.00	32.68 2.16 0.00
NYPA_VERNON____GT2 24162	33.22 1.94 0.00	31.98 1.84 0.00	32.89 1.83 0.00	30.51 1.77 0.00	29.96 1.86 0.00	29.39 1.76 0.00	33.58 2.17 0.00	34.31 2.27 0.00	33.02 2.14 0.00	31.92 2.08 0.00	34.60 2.41 0.00	33.32 2.28 0.00	35.42 2.40 0.00	34.28 2.40 0.00	35.74 2.49 0.00	40.73 2.89 0.00	45.78 3.40 0.00	49.24 3.65 0.00	40.24 2.90 0.00	40.17 2.70 0.00	39.64 2.73 0.00	34.79 2.42 0.00	35.30 2.43 0.00	32.54 2.01 0.00
NYPA_VERNON____GT3 24163	33.22 1.94 0.00	31.98 1.84 0.00	32.89 1.83 0.00	30.51 1.77 0.00	29.96 1.86 0.00	29.39 1.76 0.00	33.58 2.17 0.00	34.31 2.27 0.00	33.02 2.14 0.00	31.92 2.08 0.00	34.60 2.41 0.00	33.32 2.28 0.00	35.42 2.40 0.00	34.28 2.40 0.00	35.74 2.49 0.00	40.73 2.89 0.00	45.78 3.40 0.00	49.24 3.65 0.00	40.24 2.90 0.00	40.17 2.70 0.00	39.64 2.73 0.00	34.79 2.42 0.00	35.30 2.43 0.00	32.54 2.01 0.00
NYPA____ASTORIA_CC1 323568	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
NYPA____ASTORIA_CC2 323569	33.19 1.91 0.00	31.95 1.81 0.00	32.86 1.80 0.00	30.49 1.75 0.00	29.94 1.83 0.00	29.37 1.73 0.00	33.55 2.14 0.00	34.28 2.24 0.00	32.99 2.11 0.00	31.89 2.05 0.00	34.57 2.38 0.00	33.30 2.26 0.00	35.40 2.38 0.00	34.25 2.37 0.00	35.71 2.47 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.20 3.61 0.00	40.20 2.86 0.00	40.13 2.66 0.00	39.60 2.69 0.00	34.76 2.38 0.00	35.26 2.40 0.00	32.50 1.98 0.00
NYPA____HOLTSVILL 23794	33.36 2.08 0.00	31.99 1.85 0.00	32.86 1.80 0.00	30.47 1.73 0.00	29.94 1.84 0.00	29.45 1.82 0.00	33.54 2.13 0.00	34.15 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.44 2.25 0.00	33.16 2.13 0.00	34.97 1.95 0.00	33.82 1.95 0.00	38.12 2.04 -2.83	40.54 2.70 0.00	45.88 3.51 0.00	49.43 3.84 0.00	44.56 2.92 -4.30	44.17 2.66 -4.04	43.39 2.56 -3.91	37.21 2.38 -2.45	36.26 2.34 -1.05	32.53 2.00 0.00
NYPA____HELLGATE_GT1 24158	32.97 1.69 0.00	31.75 1.61 0.00	32.64 1.58 0.00	30.30 1.56 0.00	29.79 1.68 0.00	29.17 1.54 0.00	33.44 2.02 0.00	34.17 2.13 0.00	32.85 1.98 0.00	31.76 1.93 0.01	34.54 2.34 0.00	33.24 2.20 0.00	35.33 2.31 0.00	34.20 2.33 0.00	35.65 2.40 0.00	40.64 2.80 0.00	45.63 3.27 0.01	49.00 3.42 0.01	40.03 2.70 0.01	39.96 2.50 0.01	39.46 2.56 0.01	34.65 2.28 0.01	35.24 2.37 0.00	32.43 1.91 0.00
NYPA____HELLGATE_GT2 24159	32.97 1.69 0.00	31.75 1.61 0.00	32.64 1.58 0.00	30.30 1.56 0.00	29.79 1.68 0.00	29.17 1.54 0.00	33.44 2.02 0.00	34.17 2.13 0.00	32.85 1.98 0.00	31.76 1.93 0.01	34.54 2.34 0.00	33.24 2.20 0.00	35.33 2.31 0.00	34.20 2.33 0.00	35.65 2.40 0.00	40.64 2.80 0.00	45.63 3.27 0.01	49.00 3.42 0.01	40.03 2.70 0.01	39.96 2.50 0.01	39.46 2.56 0.01	34.65 2.28 0.01	35.24 2.37 0.00	32.43 1.91 0.00
NYS_BARGE____HYD 23848	29.30 -1.98 0.00	28.19 -1.95 0.00	28.99 -2.07 0.00	26.55 -2.20 0.00	25.86 -2.25 0.00	25.44 -2.19 0.00	28.35 -2.96 0.11	29.02 -2.76 0.25	28.40 -2.47 0.00	26.61 -2.22 1.01	23.71 -2.22 6.26	26.35 -2.30 2.39	28.65 -2.54 1.84	29.11 -2.50 0.27	30.46 -2.57 0.22	34.87 -2.88 0.09	35.64 -3.08 3.64	42.37 -3.22 0.00	34.90 -2.44 0.00	34.88 -2.32 0.27	34.96 -1.95 0.00	30.48 -1.89 0.00	31.40 -1.47 0.00	29.06 -1.46 0.00
OAK ORCHARD____HYD 24046	30.33 -0.95 0.00	29.18 -0.96 0.00	30.04 -1.02 0.00	27.63 -1.11 0.00	26.98 -1.13 0.00	26.55 -1.08 0.00	30.00 -1.41 0.00	30.75 -1.29 0.00	29.76 -1.12 0.00	28.86 -0.98 0.00	31.15 -1.04 0.00	29.99 -1.06 0.00	31.89 -1.13 0.00	30.79 -1.08 0.00	32.16 -1.09 0.00	36.66 -1.19 0.00	41.16 -1.21 0.00	44.42 -1.17 0.00	36.47 -0.87 0.00	36.63 -0.84 0.00	36.26 -0.64 0.00	31.66 -0.71 0.00	32.35 -0.52 0.00	29.97 -0.56 0.00

OAKDALE___35_KV_LOAD 356122	30.85 -0.42 0.00	29.72 -0.42 0.00	30.60 -0.46 0.00	28.31 -0.43 0.00	27.64 -0.47 0.00	27.28 -0.36 0.00	30.96 -0.48 -0.03	31.64 -0.47 -0.07	30.44 -0.44 0.00	29.76 -0.38 -0.29	33.58 -0.40 -1.79	31.31 -0.42 -0.68	33.09 -0.46 -0.53	31.52 -0.44 -0.08	32.89 -0.42 -0.06	37.41 -0.46 -0.03	43.00 -0.42 -1.04	45.16 -0.43 0.00	36.98 -0.36 0.00	37.21 -0.33 -0.08	36.57 -0.34 0.00	32.05 -0.32 0.00	32.60 -0.26 0.00	30.27 -0.26 0.00
OCC_CHEM___DRP 24175	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
OH_GEN_PROXY 24063	29.13 -2.15 0.00	28.02 -2.12 0.00	28.83 -2.23 0.00	26.40 -2.34 0.00	25.71 -2.39 0.00	25.17 -2.34 0.12	28.30 -3.01 0.10	28.97 -2.83 0.23	28.33 -2.55 0.00	26.56 -2.34 0.94	23.91 -2.44 5.85	26.40 -2.41 2.23	28.71 -2.60 1.72	29.07 -2.56 0.25	30.41 -2.64 0.20	34.78 -2.97 0.08	35.21 -3.26 3.91	42.21 -3.38 0.00	34.75 -2.59 0.00	34.74 -2.48 0.25	34.79 -2.12 0.00	30.35 -2.03 0.00	31.21 -1.65 0.00	28.93 -1.60 0.00
OLIN_CORP_DRP 24177	28.96 -2.32 0.00	27.87 -2.28 0.00	28.69 -2.37 0.00	26.24 -2.50 0.00	25.56 -2.54 0.00	25.14 -2.50 0.00	27.92 -3.37 0.12	28.58 -3.18 0.27	28.00 -2.88 0.00	26.12 -2.62 1.09	22.81 -2.60 6.78	25.79 -2.66 2.59	28.09 -2.93 1.99	28.68 -2.91 0.29	30.01 -3.00 0.24	34.36 -3.39 0.10	34.71 -3.71 3.94	41.69 -3.90 0.00	34.35 -2.98 0.00	34.33 -2.85 0.29	34.45 -2.46 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.68 -1.84 0.00
OLIN_CORP_DSASP 323712	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
ONEIDA_HERK_LFGE 323681	31.17 -0.11 0.00	30.17 0.02 0.00	31.24 0.17 0.00	29.08 0.34 0.00	28.18 0.07 0.00	27.72 0.09 0.00	31.45 0.04 0.00	32.18 0.14 0.00	31.01 0.13 0.00	30.03 0.19 0.00	32.43 0.24 0.00	31.19 0.15 0.00	33.12 0.10 0.00	32.07 0.20 0.00	33.40 0.15 0.00	38.06 0.22 0.00	42.59 0.22 0.00	45.83 0.24 0.00	37.53 0.19 0.00	37.79 0.32 0.00	37.17 0.26 0.00	32.61 0.23 0.00	32.97 0.11 0.00	30.64 0.12 0.00
ONEIDA___115KV_TB4 55905	31.71 0.43 0.00	30.64 0.49 0.00	31.59 0.53 0.00	29.28 0.54 0.00	28.58 0.47 0.00	28.15 0.52 0.00	31.97 0.57 0.00	32.68 0.65 0.00	31.51 0.63 0.00	30.52 0.67 0.00	32.94 0.75 0.00	31.75 0.71 0.00	33.75 0.73 0.00	32.64 0.76 0.00	34.06 0.81 0.00	38.84 0.99 0.00	43.44 1.07 0.00	46.62 1.03 0.00	38.16 0.82 0.00	38.30 0.83 0.00	37.70 0.79 0.00	33.05 0.67 0.00	33.48 0.61 0.00	31.07 0.55 0.00
ONONDAGA_REF_OCCRA 23987	30.90 -0.38 0.00	29.78 -0.36 0.00	30.67 -0.39 0.00	28.39 -0.36 0.00	27.73 -0.37 0.00	27.31 -0.33 0.00	30.95 -0.46 0.00	31.56 -0.47 0.00	30.44 -0.44 0.00	29.47 -0.37 0.00	31.78 -0.41 0.00	30.65 -0.39 0.00	32.56 -0.46 0.00	31.48 -0.40 0.00	32.85 -0.40 0.00	37.40 -0.44 0.00	41.95 -0.42 0.00	45.17 -0.42 0.00	37.00 -0.34 0.00	37.11 -0.35 0.00	36.56 -0.35 0.00	32.07 -0.30 0.00	32.56 -0.31 0.00	30.25 -0.28 0.00
ONONDAGA___COGEN 23986	30.90 -0.38 0.00	29.77 -0.38 0.00	30.67 -0.39 0.00	28.39 -0.36 0.00	27.73 -0.38 0.00	27.30 -0.33 0.00	30.94 -0.47 0.00	31.53 -0.50 0.00	30.41 -0.46 0.00	29.44 -0.41 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.50 0.00	31.46 -0.41 0.00	32.82 -0.43 0.00	37.36 -0.48 0.00	41.88 -0.49 0.00	45.11 -0.48 0.00	36.95 -0.39 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.52 -0.35 0.00	30.22 -0.31 0.00
ONTARIO___LFGE 23819	30.77 -0.51 0.00	29.62 -0.52 0.00	30.50 -0.56 0.00	28.15 -0.59 0.00	27.48 -0.62 0.00	27.09 -0.55 0.00	30.68 -0.73 0.00	31.38 -0.65 0.00	30.31 -0.57 0.00	29.33 -0.51 0.00	31.65 -0.54 0.00	30.51 -0.54 0.00	32.39 -0.63 0.00	31.31 -0.57 0.00	32.70 -0.54 0.00	37.30 -0.55 0.00	41.88 -0.49 0.00	45.19 -0.40 0.00	37.04 -0.29 0.00	37.18 -0.28 0.00	36.71 -0.20 0.00	32.10 -0.28 0.00	32.65 -0.21 0.00	30.28 -0.25 0.00
ORANGEVILLE_WT_PWR 323706	28.74 -2.54 0.00	27.71 -2.43 0.00	28.50 -2.56 0.00	26.14 -2.60 0.00	25.44 -2.67 0.00	25.07 -2.56 0.00	27.72 -3.20 0.49	27.82 -3.08 1.13	28.01 -2.86 0.00	22.53 -2.72 4.59	0.82 -2.94 28.44	17.20 -2.97 10.87	21.45 -3.22 8.35	27.57 -3.09 1.21	29.10 -3.15 0.99	33.96 -3.48 0.41	22.07 -3.75 16.55	41.76 -3.82 0.00	34.35 -2.98 0.00	33.39 -2.87 1.21	34.33 -2.58 0.00	29.96 -2.42 0.00	30.77 -2.09 0.00	28.63 -1.89 0.00
ORANGEVILLE___ESR 323794	28.74 -2.54 0.00	27.71 -2.43 0.00	28.50 -2.56 0.00	26.14 -2.60 0.00	25.44 -2.67 0.00	25.07 -2.56 0.00	27.72 -3.20 0.49	27.82 -3.08 1.13	28.01 -2.86 0.00	22.53 -2.72 4.59	0.82 -2.94 28.44	17.20 -2.97 10.87	21.45 -3.22 8.35	27.57 -3.09 1.21	29.10 -3.15 0.99	33.96 -3.48 0.41	22.07 -3.75 16.55	41.76 -3.82 0.00	34.35 -2.98 0.00	33.39 -2.87 1.21	34.33 -2.58 0.00	29.96 -2.42 0.00	30.77 -2.09 0.00	28.63 -1.89 0.00
OSWEGATCHIE___HYD 24044	30.36 -0.92 0.00	29.49 -0.65 0.00	30.65 -0.42 0.00	28.55 -0.19 0.00	27.54 -0.57 0.00	27.03 -0.61 0.00	30.58 -0.83 0.00	31.31 -0.72 0.00	30.19 -0.68 0.00	29.15 -0.70 0.00	31.44 -0.75 0.00	30.21 -0.83 0.00	32.07 -0.95 0.00	31.02 -0.85 0.00	32.17 -1.07 0.00	36.57 -1.28 0.00	40.77 -1.61 0.00	43.99 -1.60 0.00	36.04 -1.30 0.00	36.33 -1.14 0.00	35.66 -1.25 0.00	31.30 -1.08 0.00	31.67 -1.19 0.00	29.56 -0.97 0.00
OSWEGO___5 23606	30.44 -0.84 0.00	29.34 -0.80 0.00	30.23 -0.84 0.00	27.97 -0.77 0.00	27.34 -0.77 0.00	26.88 -0.75 0.00	30.45 -0.96 0.00	31.01 -1.02 0.00	29.91 -0.97 0.00	28.95 -0.89 0.00	31.22 -0.98 0.00	30.10 -0.94 0.00	31.98 -1.04 0.00	30.90 -0.97 0.00	32.24 -1.01 0.00	36.67 -1.17 0.00	41.10 -1.27 0.00	44.23 -1.35 0.00	36.25 -1.09 0.00	36.37 -1.10 0.00	35.85 -1.06 0.00	31.47 -0.91 0.00	31.96 -0.91 0.00	29.71 -0.81 0.00
OSWEGO___6 23613	30.44 -0.84 0.00	29.34 -0.80 0.00	30.23 -0.84 0.00	27.97 -0.77 0.00	27.34 -0.77 0.00	26.88 -0.75 0.00	30.45 -0.96 0.00	31.01 -1.02 0.00	29.91 -0.97 0.00	28.95 -0.89 0.00	31.22 -0.98 0.00	30.10 -0.94 0.00	31.98 -1.04 0.00	30.90 -0.97 0.00	32.24 -1.01 0.00	36.67 -1.17 0.00	41.10 -1.27 0.00	44.23 -1.35 0.00	36.25 -1.09 0.00	36.37 -1.10 0.00	35.85 -1.06 0.00	31.47 -0.91 0.00	31.96 -0.91 0.00	29.71 -0.81 0.00

OUTOKUMPU-AB___DRP 24206	29.38 -1.90 0.00	28.26 -1.89 0.00	29.09 -1.97 0.00	26.61 -2.13 0.00	25.92 -2.19 0.00	25.51 -2.12 0.00	28.47 -2.81 0.12	29.15 -2.61 0.28	28.55 -2.32 0.00	26.61 -2.09 1.14	22.99 -2.11 7.09	26.18 -2.15 2.71	28.60 -2.34 2.08	29.26 -2.32 0.30	30.62 -2.38 0.25	35.09 -2.65 0.10	35.41 -2.84 4.12	42.63 -2.96 0.00	35.10 -2.24 0.00	35.06 -2.11 0.30	35.17 -1.75 0.00	30.65 -1.73 0.00	31.55 -1.32 0.00	29.21 -1.32 0.00
OXBOW___BTM 323836	29.07 -2.21 0.00	27.96 -2.18 0.00	28.77 -2.29 0.00	26.33 -2.41 0.00	25.63 -2.47 0.00	25.22 -2.41 0.00	28.16 -3.13 0.12	28.84 -2.92 0.27	28.24 -2.64 0.00	26.34 -2.38 1.12	22.89 -2.39 6.91	25.98 -2.42 2.64	28.35 -2.64 2.03	28.96 -2.62 0.30	30.30 -2.71 0.24	34.72 -3.02 0.10	35.11 -3.24 4.02	42.13 -3.46 0.00	34.70 -2.64 0.00	34.68 -2.50 0.29	34.78 -2.13 0.00	30.32 -2.05 0.00	31.22 -1.64 0.00	28.91 -1.62 0.00
OXBOW___ 24026	29.08 -2.20 0.00	27.96 -2.18 0.00	28.78 -2.28 0.00	26.33 -2.42 0.00	25.63 -2.47 0.00	25.22 -2.41 0.00	28.16 -3.13 0.12	28.83 -2.93 0.27	28.24 -2.64 0.00	26.34 -2.39 1.12	22.87 -2.41 6.91	25.98 -2.42 2.64	28.35 -2.65 2.03	28.96 -2.62 0.30	30.30 -2.71 0.24	34.72 -3.03 0.10	35.09 -3.26 4.02	42.13 -3.46 0.00	34.70 -2.64 0.00	34.68 -2.50 0.29	34.79 -2.12 0.00	30.32 -2.05 0.00	31.22 -1.64 0.00	28.91 -1.62 0.00
OXY_CHEM_DSASP 323612	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
OZONE_PARK_ESR 323760	33.39 2.12 0.00	32.13 1.99 0.00	33.03 1.97 0.00	30.63 1.89 0.00	30.08 1.97 0.00	29.54 1.90 0.00	33.75 2.34 0.00	34.50 2.46 0.00	33.20 2.32 0.00	32.09 2.25 0.00	34.78 2.58 0.00	33.49 2.45 0.00	35.61 2.60 0.00	34.45 2.58 0.00	35.94 2.69 0.00	40.98 3.14 0.00	46.09 3.72 0.00	49.60 4.01 0.00	40.52 3.18 0.00	40.46 2.99 0.00	39.92 3.00 0.00	35.02 2.65 0.00	35.52 2.65 0.00	32.75 2.23 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.84 -2.44 0.00	27.75 -2.40 0.00	28.56 -2.50 0.00	26.12 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.37 0.12	28.59 -3.18 0.27	28.00 -2.87 0.00	26.14 -2.62 1.09	22.82 -2.63 6.74	25.83 -2.64 2.58	28.16 -2.88 1.98	28.73 -2.85 0.29	30.05 -2.96 0.23	34.42 -3.32 0.10	34.87 -3.58 3.92	41.72 -3.87 0.00	34.37 -2.97 0.00	34.36 -2.82 0.29	34.48 -2.43 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
PACKARD___115KV_DUPONT_184 80571	28.84 -2.44 0.00	27.75 -2.40 0.00	28.55 -2.51 0.00	26.13 -2.62 0.00	25.44 -2.67 0.00	25.01 -2.62 0.00	27.93 -3.36 0.12	28.59 -3.18 0.27	28.00 -2.88 0.00	26.14 -2.61 1.09	22.84 -2.61 6.74	25.84 -2.62 2.58	28.17 -2.87 1.98	28.74 -2.85 0.29	30.06 -2.96 0.23	34.42 -3.32 0.10	34.89 -3.56 3.92	41.72 -3.87 0.00	34.36 -2.98 0.00	34.36 -2.82 0.29	34.47 -2.44 0.00	30.05 -2.32 0.00	30.97 -1.90 0.00	28.69 -1.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.06 1.78 0.00	31.84 1.70 0.00	32.74 1.67 0.00	30.39 1.64 0.00	29.84 1.74 0.00	29.25 1.62 0.00	33.46 2.05 0.00	34.17 2.13 0.00	32.84 1.96 0.00	31.74 1.89 0.00	34.44 2.25 0.00	33.15 2.10 0.00	35.23 2.21 0.00	34.08 2.20 0.00	35.52 2.27 0.00	40.50 2.65 0.00	45.51 3.14 0.00	48.93 3.34 0.00	39.99 2.65 0.00	39.91 2.45 0.00	39.38 2.47 0.00	34.58 2.20 0.00	35.12 2.25 0.00	32.34 1.82 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.69 2.41 0.00	32.38 2.23 0.00	33.30 2.23 0.00	30.91 2.16 0.00	30.37 2.26 0.00	29.79 2.16 0.00	34.17 2.77 0.00	34.88 2.84 0.00	33.48 2.61 0.00	32.34 2.50 0.00	35.09 2.90 0.00	33.76 2.72 0.00	35.87 2.85 0.00	34.69 2.82 0.00	36.21 2.97 0.00	41.29 3.45 0.00	46.42 4.05 0.00	49.90 4.31 0.00	40.72 3.38 0.00	40.63 3.17 0.00	40.07 3.16 0.00	35.17 2.79 0.00	35.74 2.88 0.00	32.93 2.40 0.00
PATROON___115KV_TB1 80586	32.35 1.07 0.00	31.18 1.04 0.00	32.09 1.03 0.00	29.74 1.00 0.00	29.16 1.05 0.00	28.65 1.02 0.00	32.67 1.26 0.00	33.36 1.33 0.00	32.12 1.24 0.00	31.06 1.21 0.00	33.50 1.31 0.00	32.32 1.28 0.00	34.42 1.40 0.00	33.23 1.35 0.00	34.68 1.43 0.00	39.46 1.62 0.00	44.18 1.81 0.00	47.38 1.79 0.00	38.81 1.47 0.00	38.90 1.43 0.00	38.38 1.47 0.00	33.75 1.38 0.00	34.28 1.42 0.00	31.79 1.27 0.00
PATTRSNVILLE___SOLAR 323815	32.08 0.79 0.00	30.89 0.74 0.00	31.82 0.76 0.00	29.46 0.71 0.00	28.83 0.73 0.00	28.35 0.72 0.00	32.30 0.89 0.00	32.96 0.93 0.00	31.74 0.86 0.00	30.69 0.84 0.00	33.14 0.94 0.00	31.92 0.88 0.00	33.95 0.93 0.00	32.76 0.89 0.00	34.28 1.03 0.00	39.13 1.28 0.00	43.85 1.48 0.00	47.23 1.64 0.00	38.68 1.35 0.00	38.79 1.32 0.00	38.23 1.32 0.00	33.54 1.16 0.00	34.07 1.21 0.00	31.59 1.06 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.73 -1.55 0.00	28.59 -1.56 0.00	29.43 -1.63 0.00	26.98 -1.76 0.00	26.25 -1.86 0.00	25.88 -1.75 0.00	29.00 -2.29 0.12	29.65 -2.10 0.28	28.99 -1.88 0.00	27.00 -1.69 1.15	23.29 -1.78 7.13	26.55 -1.77 2.72	29.01 -1.92 2.09	29.69 -1.88 0.30	31.08 -1.92 0.25	35.61 -2.13 0.10	35.95 -2.27 4.15	43.31 -2.28 0.00	35.62 -1.72 0.00	35.57 -1.60 0.30	35.58 -1.33 0.00	31.01 -1.37 0.00	31.85 -1.02 0.00	29.53 -0.99 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.18 1.91 0.00	31.92 1.78 0.00	32.82 1.76 0.00	30.43 1.69 0.00	29.85 1.75 0.00	29.34 1.70 0.00	33.49 2.08 0.00	34.22 2.18 0.00	32.95 2.07 0.00	31.85 2.00 0.00	34.49 2.29 0.00	33.22 2.18 0.00	35.34 2.33 0.00	34.18 2.30 0.00	35.66 2.42 0.00	40.66 2.82 0.00	45.70 3.33 0.00	49.15 3.56 0.00	40.19 2.85 0.00	40.18 2.71 0.00	39.62 2.71 0.00	34.77 2.40 0.00	35.25 2.39 0.00	32.57 2.04 0.00
PEEKSKILL___ 23653	32.84 1.56 0.00	31.58 1.44 0.00	32.49 1.43 0.00	30.13 1.38 0.00	29.56 1.45 0.00	29.03 1.39 0.00	33.13 1.73 0.00	33.83 1.79 0.00	32.56 1.68 0.00	31.48 1.64 0.00	34.07 1.88 0.00	32.81 1.77 0.00	34.90 1.88 0.00	33.76 1.89 0.00	35.23 1.98 0.00	40.17 2.33 0.00	45.13 2.75 0.00	48.53 2.95 0.00	39.67 2.33 0.00	39.64 2.18 0.00	39.11 2.20 0.00	34.33 1.95 0.00	34.83 1.96 0.00	32.18 1.65 0.00
PGE MADISON___WINDPWR 24146	31.34 0.06 0.00	30.18 0.04 0.00	31.24 0.18 0.00	28.84 0.10 0.00	28.17 0.07 0.00	28.08 0.45 0.00	31.75 0.31 -0.04	32.53 0.40 -0.09	31.21 0.33 0.00	30.60 0.38 -0.38	34.91 0.37 -2.35	32.09 0.15 -0.90	33.80 0.10 -0.68	32.01 0.03 -0.10	33.33 0.00 -0.08	38.47 0.59 -0.03	44.99 1.26 -1.37	46.57 0.98 0.00	38.16 0.82 0.00	38.34 0.77 -0.10	37.56 0.65 0.00	32.97 0.59 0.00	33.73 0.87 0.00	31.08 0.55 0.00

PIERCEFIELD___HYD 23852	31.07 -0.21 0.00	30.12 -0.03 0.00	31.18 0.12 0.00	28.83 0.09 0.00	28.05 -0.06 0.00	27.48 -0.15 0.00	31.27 -0.14 0.00	31.99 -0.04 0.00	30.86 -0.02 0.00	29.70 -0.14 0.00	32.01 -0.18 0.00	30.82 -0.22 0.00	32.80 -0.22 0.00	31.61 -0.27 0.00	32.73 -0.52 0.00	37.13 -0.71 0.00	41.28 -1.10 0.00	44.57 -1.02 0.00	36.51 -0.83 0.00	36.71 -0.76 0.00	36.03 -0.88 0.00	31.54 -0.84 0.00	32.02 -0.85 0.00	29.91 -0.62 0.00
PINELAWN_CC_1 323563	33.40 2.12 0.00	32.05 1.90 0.00	32.92 1.86 0.00	30.53 1.79 0.00	29.99 1.89 0.00	29.48 1.85 0.00	33.59 2.18 0.00	34.23 2.20 0.00	32.77 1.90 0.00	31.74 1.90 0.00	34.58 2.38 0.00	33.28 2.24 0.00	35.12 2.11 0.00	33.99 2.11 0.00	35.93 2.22 -0.46	40.70 2.86 0.00	46.03 3.67 0.00	49.56 3.98 0.00	41.10 3.07 -0.70	40.94 2.81 -0.66	40.28 2.73 -0.64	35.29 2.51 -0.40	35.53 2.50 -0.17	32.67 2.14 0.00
PJM_GEN_HTTP_PROXY 323702	33.06 1.78 0.00	31.81 1.67 0.00	32.72 1.66 0.00	30.35 1.60 0.00	29.79 1.69 0.00	29.25 1.62 0.00	33.41 2.00 0.00	34.12 2.08 0.00	32.83 1.95 0.00	31.74 1.90 0.00	34.37 2.18 0.00	33.11 2.07 0.00	35.22 2.20 0.00	34.06 2.19 0.00	35.52 2.27 0.00	40.49 2.65 0.00	45.52 3.15 0.00	48.96 3.37 0.00	40.00 2.67 0.00	39.93 2.47 0.00	39.40 2.49 0.00	34.58 2.21 0.00	35.08 2.22 0.00	32.36 1.84 0.00
PJM_GEN_KEystone 24065	31.12 -0.16 0.00	29.93 -0.21 0.00	30.80 -0.26 0.00	28.49 -0.26 0.00	27.83 -0.27 0.00	27.40 -0.23 0.00	31.12 -0.27 0.02	31.77 -0.21 0.05	30.66 -0.21 0.00	29.50 -0.14 0.20	30.84 -0.09 1.27	30.42 -0.14 0.48	32.50 -0.15 0.37	31.71 -0.11 0.05	33.11 -0.09 0.04	37.76 -0.07 0.02	41.69 0.06 0.74	45.69 0.10 0.00	37.41 0.08 0.00	37.44 0.03 0.05	37.01 0.11 0.00	32.40 0.02 0.00	33.02 0.15 0.00	30.58 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.07 1.78 0.00	31.76 1.62 0.00	32.63 1.58 0.00	30.27 1.53 0.00	29.73 1.63 0.00	29.21 1.58 0.00	33.29 1.88 0.00	33.94 1.90 0.00	32.53 1.66 0.00	31.54 1.70 0.00	34.33 2.14 0.00	33.07 2.03 0.00	34.96 1.94 0.00	33.83 1.95 0.00	35.25 2.01 0.00	40.38 2.54 0.00	45.56 3.18 0.00	48.98 3.39 0.00	39.93 2.59 0.00	39.83 2.36 0.00	39.23 2.32 0.00	34.52 2.14 0.00	35.02 2.15 0.00	32.36 1.83 0.00
PJM_GEN_VFT_PROXY 323633	32.98 1.70 0.00	31.72 1.58 0.00	32.62 1.56 0.00	30.26 1.52 0.00	29.72 1.62 0.00	29.18 1.55 0.00	33.35 1.94 0.00	34.05 2.01 0.00	32.76 1.89 0.00	31.68 1.84 0.00	34.29 2.10 0.00	33.03 2.00 0.00	35.13 2.11 0.00	33.99 2.12 0.00	35.45 2.20 0.00	40.41 2.56 0.00	45.42 3.05 0.00	48.86 3.28 0.00	39.93 2.59 0.00	39.84 2.38 0.00	39.32 2.41 0.00	34.52 2.14 0.00	35.01 2.15 0.00	32.29 1.77 0.00
PLATSBURG_115KV_PMLD1 355749	31.43 0.14 0.00	30.27 0.13 0.00	31.38 0.32 0.00	28.97 0.23 0.00	28.20 0.09 0.00	27.82 0.19 0.00	31.82 0.41 0.00	32.43 0.40 0.00	31.28 0.40 0.00	30.06 0.22 0.00	32.28 0.09 0.00	31.11 0.07 0.00	33.15 0.13 0.00	31.81 -0.07 0.00	33.15 -0.09 0.00	37.70 -0.14 0.00	42.01 -0.36 0.00	45.29 -0.30 0.00	37.04 -0.30 0.00	37.21 -0.26 0.00	36.59 -0.32 0.00	32.00 -0.38 0.00	32.39 -0.47 0.00	30.16 -0.36 0.00
PLEASANTVLY___LBMP 24000	32.74 1.47 0.00	31.50 1.36 0.00	32.40 1.34 0.00	30.04 1.30 0.00	29.46 1.36 0.00	28.94 1.31 0.00	33.01 1.60 0.00	33.70 1.67 0.00	32.46 1.58 0.00	31.38 1.54 0.00	33.96 1.76 0.00	32.70 1.66 0.00	34.80 1.78 0.00	33.65 1.77 0.00	35.10 1.85 0.00	39.98 2.14 0.00	44.85 2.48 0.00	48.19 2.60 0.00	39.41 2.07 0.00	39.43 1.97 0.00	38.90 2.00 0.00	34.17 1.79 0.00	34.67 1.81 0.00	32.07 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.96 1.68 0.00	31.71 1.57 0.00	32.60 1.55 0.00	30.23 1.49 0.00	29.67 1.57 0.00	29.14 1.50 0.00	33.26 1.85 0.00	33.96 1.93 0.00	32.69 1.82 0.00	31.62 1.77 0.00	34.23 2.03 0.00	32.97 1.93 0.00	35.07 2.05 0.00	33.92 2.04 0.00	35.39 2.14 0.00	40.35 2.51 0.00	45.32 2.95 0.00	48.73 3.14 0.00	39.82 2.48 0.00	39.80 2.34 0.00	39.26 2.35 0.00	34.47 2.09 0.00	34.97 2.10 0.00	32.31 1.78 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	32.96 1.68 0.00	31.71 1.57 0.00	32.60 1.55 0.00	30.23 1.49 0.00	29.67 1.57 0.00	29.14 1.50 0.00	33.26 1.85 0.00	33.96 1.93 0.00	32.69 1.82 0.00	31.62 1.77 0.00	34.23 2.03 0.00	32.97 1.93 0.00	35.07 2.05 0.00	33.92 2.04 0.00	35.39 2.14 0.00	40.35 2.51 0.00	45.32 2.95 0.00	48.73 3.14 0.00	39.82 2.48 0.00	39.80 2.34 0.00	39.26 2.35 0.00	34.47 2.09 0.00	34.97 2.10 0.00	32.31 1.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.00 1.72 0.00	31.74 1.60 0.00	32.64 1.59 0.00	30.26 1.52 0.00	29.68 1.57 0.00	29.16 1.52 0.00	33.26 1.85 0.00	33.96 1.93 0.00	32.72 1.85 0.00	31.63 1.79 0.00	34.25 2.06 0.00	32.99 1.95 0.00	35.08 2.06 0.00	33.92 2.05 0.00	35.39 2.15 0.00	40.34 2.50 0.00	45.31 2.94 0.00	48.69 3.11 0.00	39.83 2.49 0.00	39.86 2.39 0.00	39.31 2.40 0.00	34.52 2.14 0.00	35.00 2.13 0.00	32.35 1.83 0.00
POLETTI_____ 23519	32.64 1.36 0.00	31.51 1.37 0.00	32.32 1.27 0.01	30.02 1.28 0.00	29.57 1.46 0.00	28.89 1.26 0.00	33.07 1.66 0.00	33.80 1.77 0.00	32.49 1.61 0.00	31.43 1.60 0.00	34.36 2.16 0.00	33.06 2.02 0.00	35.15 2.12 0.00	34.03 2.16 0.00	35.41 2.16 0.00	40.38 2.54 0.00	45.27 2.91 0.00	48.53 2.94 0.00	39.66 2.32 0.00	39.58 2.11 0.00	39.08 2.17 0.00	34.32 1.94 0.00	34.91 2.04 0.00	32.12 1.60 0.00
POMONA___ESR 323819	32.85 1.57 0.00	31.57 1.43 0.00	32.49 1.43 0.00	30.13 1.39 0.00	29.55 1.44 0.00	29.02 1.39 0.00	33.13 1.72 0.00	33.82 1.78 0.00	32.54 1.67 0.00	31.47 1.63 0.00	34.04 1.85 0.00	32.78 1.74 0.00	34.88 1.86 0.00	33.75 1.88 0.00	35.21 1.97 0.00	40.16 2.32 0.00	45.12 2.75 0.00	48.52 2.94 0.00	39.67 2.33 0.00	39.65 2.18 0.00	39.12 2.21 0.00	34.32 1.94 0.00	34.83 1.96 0.00	32.17 1.64 0.00
PORT_JEFF_3 23555	33.38 2.09 0.00	31.99 1.85 0.00	32.85 1.79 0.00	30.47 1.73 0.00	29.93 1.83 0.00	29.45 1.81 0.00	33.54 2.13 0.00	34.16 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.46 2.27 0.00	33.17 2.14 0.00	34.98 1.96 0.00	33.79 1.92 0.00	37.91 2.00 -2.66	40.50 2.66 0.00	45.85 3.47 0.00	49.41 3.82 0.00	44.29 2.91 -4.05	43.90 2.63 -3.80	43.13 2.55 -3.68	37.04 2.36 -2.30	36.16 2.31 -0.99	32.50 1.98 0.00
PORT_JEFF_4 23616	33.38 2.09 0.00	31.99 1.85 0.00	32.85 1.79 0.00	30.47 1.73 0.00	29.93 1.83 0.00	29.45 1.81 0.00	33.54 2.13 0.00	34.16 2.12 0.00	32.61 1.74 0.00	31.57 1.73 0.00	34.46 2.27 0.00	33.17 2.14 0.00	34.98 1.96 0.00	33.79 1.92 0.00	37.91 2.00 -2.66	40.50 2.66 0.00	45.85 3.47 0.00	49.41 3.82 0.00	44.29 2.91 -4.05	43.90 2.63 -3.80	43.13 2.55 -3.68	37.04 2.36 -2.30	36.16 2.31 -0.99	32.50 1.98 0.00

PORT_JEFF_IC 23713	33.42 2.14 0.00	32.04 1.89 0.00	32.89 1.83 0.00	30.50 1.76 0.00	29.98 1.87 0.00	29.49 1.85 0.00	33.59 2.18 0.00	34.21 2.17 0.00	32.65 1.78 0.00	31.61 1.77 0.00	34.49 2.30 0.00	33.22 2.18 0.00	35.02 2.00 0.00	33.84 1.96 0.00	37.50 2.06 -2.19	40.59 2.74 0.00	45.97 3.60 0.00	49.54 3.95 0.00	43.68 3.01 -3.32	43.33 2.74 -3.12	42.57 2.64 -3.02	36.72 2.45 -1.89	36.07 2.39 -0.81	32.57 2.04 0.00
PPL PILGRIM_ST_GT1 24216	33.60 2.32 0.00	32.22 2.08 0.00	33.10 2.04 0.00	30.72 1.98 0.00	30.18 2.07 0.00	29.64 2.01 0.00	33.76 2.35 0.00	34.39 2.36 0.00	32.93 2.05 0.00	31.87 2.03 0.00	34.77 2.58 0.00	33.49 2.44 0.00	35.27 2.25 0.00	34.16 2.28 0.00	38.02 2.45 -2.33	40.93 3.09 0.00	46.35 3.98 0.00	49.90 4.31 0.00	44.28 3.41 -3.54	43.94 3.15 -3.32	43.18 3.06 -3.22	37.15 2.76 -2.02	36.45 2.72 -0.86	32.81 2.29 0.00
PPL PILGRIM_ST_GT2 24217	33.60 2.32 0.00	32.22 2.08 0.00	33.10 2.04 0.00	30.72 1.98 0.00	30.18 2.07 0.00	29.64 2.01 0.00	33.76 2.35 0.00	34.39 2.36 0.00	32.93 2.05 0.00	31.87 2.03 0.00	34.77 2.58 0.00	33.49 2.44 0.00	35.27 2.25 0.00	34.16 2.28 0.00	38.02 2.45 -2.33	40.93 3.09 0.00	46.35 3.98 0.00	49.90 4.31 0.00	44.28 3.41 -3.54	43.94 3.15 -3.32	43.18 3.06 -3.22	37.15 2.76 -2.02	36.45 2.72 -0.86	32.81 2.29 0.00
PPL_SHRM_GT3 24213	33.59 2.31 0.00	32.19 2.05 0.00	33.05 1.99 0.00	30.63 1.88 0.00	30.11 2.00 0.00	29.67 2.04 0.00	33.79 2.38 0.00	34.39 2.36 0.00	32.74 1.86 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.01 2.00 0.00	33.89 2.02 0.00	37.94 2.17 -2.53	40.77 2.93 0.00	46.23 3.86 0.00	49.88 4.29 0.00	44.47 3.29 -3.85	44.09 3.01 -3.61	43.22 2.82 -3.50	37.26 2.69 -2.19	36.40 2.60 -0.94	32.73 2.21 0.00
PPL_SHRM_GT4 24214	33.59 2.31 0.00	32.19 2.05 0.00	33.05 1.99 0.00	30.63 1.88 0.00	30.11 2.00 0.00	29.67 2.04 0.00	33.79 2.38 0.00	34.39 2.36 0.00	32.74 1.86 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.01 2.00 0.00	33.89 2.02 0.00	37.94 2.17 -2.53	40.77 2.93 0.00	46.23 3.86 0.00	49.88 4.29 0.00	44.47 3.29 -3.85	44.09 3.01 -3.61	43.22 2.82 -3.50	37.26 2.69 -2.19	36.40 2.60 -0.94	32.73 2.21 0.00
PROJECT___ORANGE 1 24174	30.76 -0.52 0.00	29.64 -0.50 0.00	30.53 -0.53 0.00	28.25 -0.49 0.00	27.61 -0.49 0.00	27.18 -0.46 0.00	30.78 -0.63 0.00	31.38 -0.66 0.00	30.27 -0.61 0.00	29.31 -0.53 0.00	31.62 -0.58 0.00	30.49 -0.55 0.00	32.40 -0.62 0.00	31.31 -0.56 0.00	32.67 -0.58 0.00	37.18 -0.67 0.00	41.69 -0.69 0.00	44.86 -0.73 0.00	36.76 -0.58 0.00	36.87 -0.60 0.00	36.33 -0.57 0.00	31.88 -0.49 0.00	32.38 -0.49 0.00	30.07 -0.45 0.00
PROJECT___ORANGE 2 24166	30.76 -0.52 0.00	29.64 -0.50 0.00	30.53 -0.53 0.00	28.25 -0.49 0.00	27.61 -0.49 0.00	27.18 -0.46 0.00	30.78 -0.63 0.00	31.38 -0.66 0.00	30.27 -0.61 0.00	29.31 -0.53 0.00	31.62 -0.58 0.00	30.49 -0.55 0.00	32.40 -0.62 0.00	31.31 -0.56 0.00	32.67 -0.58 0.00	37.18 -0.67 0.00	41.69 -0.69 0.00	44.86 -0.73 0.00	36.76 -0.58 0.00	36.87 -0.60 0.00	36.33 -0.57 0.00	31.88 -0.49 0.00	32.38 -0.49 0.00	30.07 -0.45 0.00
PUCKETT___SOLAR 323809	31.06 -0.22 0.00	29.92 -0.22 0.00	30.81 -0.25 0.00	28.48 -0.26 0.00	27.86 -0.25 0.00	27.59 -0.04 0.00	31.23 -0.21 -0.03	31.94 -0.17 -0.07	30.69 -0.19 0.00	29.97 -0.14 -0.27	33.70 -0.19 -1.70	31.41 -0.28 -0.65	33.16 -0.36 -0.50	31.53 -0.42 -0.07	32.99 -0.32 -0.06	37.63 -0.24 -0.03	43.37 0.01 -0.99	45.63 0.05 0.00	37.35 0.02 0.00	37.56 0.02 -0.07	36.91 0.00 0.00	32.36 -0.02 0.00	32.98 0.11 0.00	30.49 -0.04 0.00
PYRITES___HYD 24023	31.65 0.37 0.00	30.64 0.49 0.00	31.71 0.65 0.00	29.28 0.53 0.00	28.54 0.43 0.00	27.99 0.36 0.00	31.88 0.47 0.00	32.66 0.62 0.00	31.48 0.60 0.00	30.21 0.37 0.00	32.59 0.40 0.00	31.35 0.31 0.00	33.34 0.32 0.00	32.17 0.30 0.00	33.37 0.13 0.00	37.97 0.13 0.00	42.32 -0.05 0.00	45.75 0.16 0.00	37.48 0.14 0.00	37.66 0.19 0.00	36.95 0.04 0.00	32.30 -0.08 0.00	32.74 -0.12 0.00	30.51 -0.01 0.00
QUAKERRD_115KV_BK1 80622	29.79 -1.49 0.00	28.67 -1.47 0.00	29.53 -1.54 0.00	27.19 -1.56 0.00	26.55 -1.56 0.00	26.14 -1.50 0.00	29.53 -1.86 0.02	30.21 -1.78 0.05	29.27 -1.61 0.00	28.15 -1.48 0.21	29.30 -1.59 1.30	28.99 -1.55 0.50	30.98 -1.66 0.38	30.23 -1.59 0.06	31.57 -1.63 0.05	36.00 -1.83 0.02	39.66 -1.95 0.76	43.60 -1.99 0.00	35.78 -1.56 0.00	35.88 -1.53 0.06	35.54 -1.37 0.00	31.07 -1.31 0.00	31.67 -1.19 0.00	29.37 -1.16 0.00
QUENSBRY_115KV_TB8 356137	33.59 2.31 0.00	32.31 2.16 0.00	33.22 2.16 0.00	30.77 2.04 0.00	30.14 2.03 0.00	29.74 2.11 0.00	34.05 2.65 0.00	34.82 2.79 0.00	33.52 2.65 0.00	32.37 2.53 0.00	35.06 2.87 0.00	33.75 2.71 0.00	36.07 3.05 0.00	34.72 2.85 0.00	36.31 3.07 0.00	41.25 3.41 0.00	46.19 3.82 0.00	49.65 4.06 0.00	40.61 3.27 0.00	40.71 3.25 0.00	40.14 3.23 0.00	35.20 2.83 0.00	35.74 2.88 0.00	33.15 2.62 0.00
RAMAPO___LBMP 323565	32.71 1.42 0.00	31.45 1.31 0.00	32.35 1.29 0.00	30.00 1.26 0.00	29.43 1.32 0.00	28.90 1.27 0.00	32.99 1.58 0.00	33.67 1.63 0.00	32.39 1.52 0.00	31.32 1.49 0.00	33.88 1.69 0.00	32.61 1.57 0.00	34.70 1.68 0.00	33.58 1.70 0.00	35.03 1.79 0.00	39.96 2.11 0.00	44.88 2.51 0.00	48.28 2.69 0.00	39.46 2.13 0.00	39.45 1.98 0.00	38.92 2.01 0.00	34.16 1.78 0.00	34.65 1.78 0.00	32.01 1.49 0.00
RANKINE____ 23646	29.51 -1.77 0.00	28.39 -1.75 0.00	29.21 -1.85 0.00	26.77 -1.98 0.00	26.03 -2.07 0.00	25.65 -1.98 0.00	28.69 -2.58 0.14	29.33 -2.38 0.33	28.74 -2.14 0.00	26.55 -1.95 1.35	21.80 -2.06 8.33	25.80 -2.06 3.18	28.36 -2.22 2.45	29.36 -2.17 0.36	30.77 -2.19 0.29	35.28 -2.44 0.12	34.87 -2.65 4.85	42.92 -2.67 0.00	35.33 -2.01 0.00	35.22 -1.90 0.35	35.33 -1.58 0.00	30.80 -1.58 0.00	31.66 -1.21 0.00	29.34 -1.18 0.00
RAVENSWOOD_GT2_1 24244	33.11 1.83 0.00	31.87 1.72 0.00	32.77 1.71 0.00	30.40 1.65 0.00	29.84 1.74 0.00	29.29 1.66 0.00	33.44 2.03 0.00	34.16 2.12 0.00	32.87 1.99 0.00	31.79 1.94 0.00	34.43 2.24 0.00	33.18 2.14 0.00	35.28 2.26 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.57 2.72 0.00	45.59 3.22 0.00	49.03 3.44 0.00	40.06 2.73 0.00	40.00 2.53 0.00	39.47 2.56 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
RAVENSWOOD_GT2_2 24245	33.11 1.83 0.00	31.87 1.72 0.00	32.77 1.71 0.00	30.40 1.65 0.00	29.84 1.74 0.00	29.29 1.66 0.00	33.44 2.03 0.00	34.16 2.12 0.00	32.87 1.99 0.00	31.79 1.94 0.00	34.43 2.24 0.00	33.18 2.14 0.00	35.28 2.26 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.57 2.72 0.00	45.59 3.22 0.00	49.03 3.44 0.00	40.06 2.73 0.00	40.00 2.53 0.00	39.47 2.56 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00

RAVENSWOOD_GT2_3 24246	33.12 1.84 0.00	31.88 1.73 0.00	32.78 1.72 0.00	30.40 1.66 0.00	29.86 1.75 0.00	29.30 1.67 0.00	33.46 2.05 0.00	34.17 2.14 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.46 2.26 0.00	33.19 2.15 0.00	35.29 2.27 0.00	34.14 2.27 0.00	35.60 2.36 0.00	40.59 2.75 0.00	45.61 3.24 0.00	49.05 3.46 0.00	40.08 2.74 0.00	40.02 2.55 0.00	39.48 2.57 0.00	34.66 2.28 0.00	35.16 2.29 0.00	32.43 1.90 0.00
RAVENSWOOD_GT2_4 24247	33.12 1.84 0.00	31.88 1.73 0.00	32.78 1.72 0.00	30.40 1.66 0.00	29.86 1.75 0.00	29.30 1.67 0.00	33.46 2.05 0.00	34.17 2.14 0.00	32.89 2.01 0.00	31.79 1.95 0.00	34.46 2.26 0.00	33.19 2.15 0.00	35.29 2.27 0.00	34.14 2.27 0.00	35.60 2.36 0.00	40.59 2.75 0.00	45.61 3.24 0.00	49.05 3.46 0.00	40.08 2.74 0.00	40.02 2.55 0.00	39.48 2.57 0.00	34.66 2.28 0.00	35.16 2.29 0.00	32.43 1.90 0.00
RAVENSWOOD_GT3_1 24248	33.12 1.84 0.00	31.87 1.73 0.00	32.77 1.71 0.00	30.40 1.65 0.00	29.84 1.74 0.00	29.29 1.66 0.00	33.44 2.03 0.00	34.16 2.12 0.00	32.87 1.99 0.00	31.79 1.94 0.00	34.43 2.24 0.00	33.18 2.14 0.00	35.28 2.26 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.57 2.72 0.00	45.59 3.22 0.00	49.03 3.44 0.00	40.06 2.73 0.00	40.01 2.54 0.00	39.47 2.56 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
RAVENSWOOD_GT3_2 24249	33.12 1.84 0.00	31.87 1.73 0.00	32.77 1.71 0.00	30.40 1.65 0.00	29.84 1.74 0.00	29.29 1.66 0.00	33.44 2.03 0.00	34.16 2.12 0.00	32.87 1.99 0.00	31.79 1.94 0.00	34.43 2.24 0.00	33.18 2.14 0.00	35.28 2.26 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.57 2.72 0.00	45.59 3.22 0.00	49.03 3.44 0.00	40.06 2.73 0.00	40.01 2.54 0.00	39.47 2.56 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
RAVENSWOOD_GT3_3 24250	33.15 1.87 0.00	31.91 1.76 0.00	32.80 1.74 0.00	30.43 1.68 0.00	29.88 1.77 0.00	29.33 1.69 0.00	33.49 2.08 0.00	34.21 2.18 0.00	32.92 2.04 0.00	31.83 1.99 0.00	34.49 2.30 0.00	33.22 2.19 0.00	35.33 2.32 0.00	34.18 2.31 0.00	35.65 2.40 0.00	40.63 2.79 0.00	45.67 3.30 0.00	49.10 3.51 0.00	40.12 2.79 0.00	40.06 2.59 0.00	39.53 2.62 0.00	34.69 2.32 0.00	35.20 2.33 0.00	32.46 1.93 0.00
RAVENSWOOD_GT3_4 24251	33.15 1.87 0.00	31.91 1.76 0.00	32.80 1.74 0.00	30.43 1.68 0.00	29.88 1.77 0.00	29.33 1.69 0.00	33.49 2.08 0.00	34.21 2.18 0.00	32.92 2.04 0.00	31.83 1.99 0.00	34.49 2.30 0.00	33.22 2.19 0.00	35.33 2.32 0.00	34.18 2.31 0.00	35.65 2.40 0.00	40.63 2.79 0.00	45.67 3.30 0.00	49.10 3.51 0.00	40.12 2.79 0.00	40.06 2.59 0.00	39.53 2.62 0.00	34.69 2.32 0.00	35.20 2.33 0.00	32.46 1.93 0.00
RAVENSWOOD_GT_1 23729	33.22 1.94 0.00	31.98 1.84 0.00	32.89 1.83 0.00	30.51 1.77 0.00	29.96 1.86 0.00	29.39 1.76 0.00	33.58 2.17 0.00	34.31 2.27 0.00	33.02 2.14 0.00	31.92 2.08 0.00	34.60 2.41 0.00	33.32 2.28 0.00	35.42 2.40 0.00	34.28 2.40 0.00	35.74 2.49 0.00	40.74 2.90 0.00	45.78 3.41 0.00	49.24 3.65 0.00	40.24 2.90 0.00	40.17 2.70 0.00	39.64 2.73 0.00	34.79 2.41 0.00	35.30 2.43 0.00	32.54 2.01 0.00
RAVENSWOOD_GT_10 24258	33.11 1.83 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.65 0.00	29.84 1.74 0.00	29.29 1.65 0.00	33.44 2.03 0.00	34.15 2.12 0.00	32.87 1.99 0.00	31.78 1.94 0.00	34.43 2.24 0.00	33.17 2.13 0.00	35.28 2.25 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.56 2.72 0.00	45.59 3.22 0.00	49.02 3.43 0.00	40.06 2.72 0.00	40.00 2.53 0.00	39.46 2.55 0.00	34.64 2.26 0.00	35.14 2.27 0.00	32.42 1.89 0.00
RAVENSWOOD_GT_11 24259	33.11 1.83 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.65 0.00	29.84 1.74 0.00	29.29 1.65 0.00	33.44 2.03 0.00	34.15 2.12 0.00	32.87 1.99 0.00	31.78 1.94 0.00	34.43 2.24 0.00	33.17 2.13 0.00	35.28 2.25 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.56 2.72 0.00	45.59 3.22 0.00	49.02 3.43 0.00	40.06 2.72 0.00	40.00 2.53 0.00	39.46 2.55 0.00	34.64 2.26 0.00	35.14 2.27 0.00	32.42 1.89 0.00
RAVENSWOOD_GT_4 24252	33.12 1.84 0.00	31.88 1.74 0.00	32.79 1.73 0.00	30.42 1.67 0.00	29.87 1.76 0.00	29.30 1.67 0.00	33.47 2.06 0.00	34.18 2.15 0.00	32.90 2.02 0.00	31.81 1.96 0.00	34.47 2.27 0.00	33.21 2.17 0.00	35.31 2.29 0.00	34.15 2.28 0.00	35.62 2.37 0.00	40.59 2.75 0.00	45.63 3.25 0.00	49.06 3.47 0.00	40.09 2.75 0.00	40.03 2.56 0.00	39.49 2.58 0.00	34.67 2.29 0.00	35.17 2.31 0.00	32.43 1.90 0.00
RAVENSWOOD_GT_5 24254	33.12 1.84 0.00	31.88 1.74 0.00	32.79 1.73 0.00	30.42 1.67 0.00	29.87 1.76 0.00	29.30 1.67 0.00	33.47 2.06 0.00	34.18 2.15 0.00	32.90 2.02 0.00	31.81 1.96 0.00	34.47 2.27 0.00	33.21 2.17 0.00	35.31 2.29 0.00	34.15 2.28 0.00	35.62 2.37 0.00	40.59 2.75 0.00	45.63 3.25 0.00	49.06 3.47 0.00	40.09 2.75 0.00	40.03 2.56 0.00	39.49 2.58 0.00	34.67 2.29 0.00	35.17 2.31 0.00	32.43 1.90 0.00
RAVENSWOOD_GT_6 24253	33.12 1.84 0.00	31.88 1.74 0.00	32.79 1.73 0.00	30.42 1.67 0.00	29.87 1.76 0.00	29.30 1.67 0.00	33.47 2.06 0.00	34.18 2.15 0.00	32.90 2.02 0.00	31.81 1.96 0.00	34.47 2.27 0.00	33.21 2.17 0.00	35.31 2.29 0.00	34.15 2.28 0.00	35.62 2.37 0.00	40.59 2.75 0.00	45.63 3.25 0.00	49.06 3.47 0.00	40.09 2.75 0.00	40.03 2.56 0.00	39.49 2.58 0.00	34.67 2.29 0.00	35.17 2.31 0.00	32.43 1.90 0.00
RAVENSWOOD_GT_7 24255	33.12 1.84 0.00	31.88 1.74 0.00	32.79 1.73 0.00	30.42 1.67 0.00	29.87 1.76 0.00	29.30 1.67 0.00	33.47 2.06 0.00	34.18 2.15 0.00	32.90 2.02 0.00	31.81 1.96 0.00	34.47 2.27 0.00	33.21 2.17 0.00	35.31 2.29 0.00	34.15 2.28 0.00	35.62 2.37 0.00	40.59 2.75 0.00	45.63 3.25 0.00	49.06 3.47 0.00	40.09 2.75 0.00	40.03 2.56 0.00	39.49 2.58 0.00	34.67 2.29 0.00	35.17 2.31 0.00	32.43 1.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.11 1.83 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.65 0.00	29.84 1.74 0.00	29.29 1.65 0.00	33.44 2.03 0.00	34.15 2.12 0.00	32.87 1.99 0.00	31.78 1.94 0.00	34.43 2.24 0.00	33.17 2.13 0.00	35.28 2.25 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.56 2.72 0.00	45.59 3.22 0.00	49.02 3.43 0.00	40.06 2.72 0.00	40.00 2.53 0.00	39.46 2.55 0.00	34.64 2.26 0.00	35.14 2.27 0.00	32.42 1.89 0.00
RAVENSWOOD_GT_9 24257	33.11 1.83 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.65 0.00	29.84 1.74 0.00	29.29 1.65 0.00	33.44 2.03 0.00	34.15 2.12 0.00	32.87 1.99 0.00	31.78 1.94 0.00	34.43 2.24 0.00	33.17 2.13 0.00	35.28 2.25 0.00	34.12 2.25 0.00	35.59 2.34 0.00	40.56 2.72 0.00	45.59 3.22 0.00	49.02 3.43 0.00	40.06 2.72 0.00	40.00 2.53 0.00	39.46 2.55 0.00	34.64 2.26 0.00	35.14 2.27 0.00	32.42 1.89 0.00

RAVENSWOOD___1 23533	33.16 1.88 0.00	31.92 1.78 0.00	32.83 1.77 0.00	30.46 1.72 0.00	29.92 1.81 0.00	29.35 1.72 0.00	33.52 2.11 0.00	34.25 2.21 0.00	32.97 2.09 0.00	31.87 2.02 0.00	34.54 2.35 0.00	33.27 2.23 0.00	35.37 2.35 0.00	34.22 2.34 0.00	35.68 2.43 0.00	40.65 2.81 0.00	45.69 3.32 0.00	49.15 3.56 0.00	40.16 2.82 0.00	40.09 2.62 0.00	39.56 2.65 0.00	34.74 2.36 0.00	35.24 2.37 0.00	32.48 1.95 0.00
RAVENSWOOD___2 23534	33.16 1.88 0.00	31.92 1.78 0.00	32.83 1.77 0.00	30.46 1.72 0.00	29.92 1.81 0.00	29.35 1.72 0.00	33.52 2.11 0.00	34.25 2.21 0.00	32.97 2.09 0.00	31.87 2.02 0.00	34.54 2.35 0.00	33.27 2.23 0.00	35.37 2.35 0.00	34.22 2.34 0.00	35.68 2.43 0.00	40.65 2.81 0.00	45.69 3.32 0.00	49.15 3.56 0.00	40.16 2.82 0.00	40.09 2.62 0.00	39.56 2.65 0.00	34.74 2.36 0.00	35.24 2.37 0.00	32.48 1.95 0.00
RAVENSWOOD___3 23535	33.12 1.84 0.00	31.87 1.73 0.00	32.77 1.71 0.00	30.40 1.65 0.00	29.84 1.74 0.00	29.29 1.66 0.00	33.44 2.03 0.00	34.16 2.12 0.00	32.87 2.00 0.00	31.79 1.94 0.00	34.44 2.24 0.00	33.18 2.13 0.00	35.28 2.26 0.00	34.13 2.25 0.00	35.59 2.34 0.00	40.57 2.73 0.00	45.59 3.22 0.00	49.04 3.45 0.00	40.06 2.73 0.00	40.01 2.54 0.00	39.46 2.56 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.42 1.89 0.00
RAVENSWOOD___4 23820	33.16 1.88 0.00	31.92 1.78 0.00	32.83 1.77 0.00	30.46 1.72 0.00	29.92 1.81 0.00	29.35 1.72 0.00	33.52 2.11 0.00	34.25 2.21 0.00	32.97 2.09 0.00	31.87 2.02 0.00	34.54 2.35 0.00	33.27 2.23 0.00	35.37 2.35 0.00	34.22 2.34 0.00	35.68 2.43 0.00	40.65 2.81 0.00	45.69 3.32 0.00	49.15 3.56 0.00	40.16 2.82 0.00	40.09 2.62 0.00	39.56 2.65 0.00	34.74 2.36 0.00	35.24 2.37 0.00	32.48 1.95 0.00
RCPL_TRUST___DRP 24196	33.09 1.81 0.00	31.85 1.70 0.00	32.75 1.69 0.00	30.38 1.63 0.00	29.82 1.71 0.00	29.28 1.65 0.00	33.44 2.03 0.00	34.16 2.12 0.00	32.86 1.98 0.00	31.78 1.94 0.00	34.41 2.22 0.00	33.15 2.11 0.00	35.26 2.24 0.00	34.10 2.22 0.00	35.57 2.32 0.00	40.54 2.70 0.00	45.59 3.22 0.00	49.01 3.42 0.00	40.05 2.72 0.00	39.98 2.51 0.00	39.44 2.53 0.00	34.63 2.25 0.00	35.12 2.26 0.00	32.39 1.87 0.00
RED___ROCHESTER 323720	30.54 -0.74 0.00	29.38 -0.76 0.00	30.22 -0.84 0.00	27.80 -0.94 0.00	27.14 -0.96 0.00	26.73 -0.91 0.00	30.20 -1.21 0.00	30.97 -1.06 0.00	29.98 -0.90 0.00	29.09 -0.76 0.00	31.40 -0.79 0.00	30.22 -0.82 0.00	32.15 -0.87 0.00	31.05 -0.83 0.00	32.42 -0.83 0.00	36.95 -0.89 0.00	41.52 -0.86 0.00	44.81 -0.78 0.00	36.79 -0.55 0.00	36.96 -0.51 0.00	36.57 -0.34 0.00	31.92 -0.46 0.00	32.59 -0.28 0.00	30.18 -0.35 0.00
REGAN___SOLAR 323812	32.11 0.83 0.00	30.92 0.78 0.00	31.87 0.81 0.00	29.49 0.74 0.00	28.84 0.73 0.00	28.38 0.75 0.00	32.34 0.93 0.00	33.04 1.00 0.00	31.85 0.97 0.00	30.80 0.96 0.00	33.23 1.04 0.00	32.00 0.96 0.00	34.08 1.06 0.00	32.94 1.06 0.00	34.43 1.19 0.00	39.36 1.52 0.00	44.18 1.81 0.00	47.73 2.14 0.00	39.09 1.76 0.00	39.21 1.74 0.00	38.62 1.71 0.00	33.81 1.43 0.00	34.37 1.50 0.00	31.83 1.30 0.00
RENSSELAER___COGEN 23796	32.19 0.91 0.00	31.02 0.88 0.00	31.94 0.87 0.00	29.59 0.84 0.00	29.01 0.90 0.00	28.50 0.86 0.00	32.49 1.08 0.00	33.16 1.13 0.00	31.93 1.05 0.00	30.86 1.02 0.00	33.29 1.10 0.00	32.11 1.07 0.00	34.19 1.17 0.00	32.99 1.12 0.00	34.44 1.20 0.00	39.19 1.35 0.00	43.87 1.50 0.00	47.06 1.47 0.00	38.55 1.21 0.00	38.65 1.18 0.00	38.13 1.22 0.00	33.55 1.17 0.00	34.07 1.21 0.00	31.61 1.08 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.95 3.67 0.00	33.54 3.40 0.00	34.46 3.41 0.00	31.94 3.19 0.00	31.23 3.13 0.00	31.08 3.45 0.00	35.70 4.29 0.00	36.57 4.54 0.00	35.10 4.23 0.00	33.87 4.03 0.00	36.79 4.60 0.00	35.31 4.27 0.00	37.97 4.95 0.00	36.62 4.75 0.00	38.36 5.12 0.00	43.28 5.43 0.00	48.64 6.27 0.00	52.28 6.70 0.00	42.75 5.42 0.00	42.86 5.40 0.00	42.10 5.19 0.00	36.92 4.54 0.00	37.42 4.55 0.00	34.73 4.20 0.00
REVERE_CPPR_DRP 24186	31.79 0.51 0.00	30.73 0.58 0.00	31.73 0.66 0.00	29.45 0.71 0.00	28.68 0.57 0.00	28.26 0.62 0.00	32.08 0.67 0.00	32.83 0.79 0.00	31.65 0.77 0.00	30.65 0.81 0.00	33.09 0.90 0.00	31.89 0.85 0.00	33.87 0.86 0.00	32.79 0.91 0.00	34.21 0.96 0.00	39.02 1.19 0.00	43.64 1.26 0.00	46.90 1.31 0.00	38.39 1.05 0.00	38.56 1.09 0.00	37.96 1.05 0.00	33.25 0.88 0.00	33.65 0.79 0.00	31.23 0.70 0.00
REYNLDPA_13_KV_LD 356490	31.49 0.21 0.00	30.37 0.23 0.00	31.34 0.28 0.00	28.92 0.17 0.00	28.24 0.13 0.00	27.77 0.14 0.00	31.60 0.19 0.00	32.27 0.23 0.00	31.14 0.26 0.00	30.02 0.18 0.00	32.34 0.14 0.00	31.19 0.15 0.00	33.20 0.18 0.00	31.99 0.12 0.00	33.34 0.09 0.00	37.95 0.11 0.00	42.41 0.04 0.00	45.73 0.15 0.00	37.47 0.13 0.00	37.65 0.18 0.00	36.98 0.07 0.00	32.32 -0.05 0.00	32.77 -0.10 0.00	30.48 -0.04 0.00
REYNOLDS_115KV_TB3 80639	32.32 1.04 0.00	31.14 1.00 0.00	32.06 1.00 0.00	29.70 0.96 0.00	29.13 1.02 0.00	28.60 0.97 0.00	32.64 1.23 0.00	33.30 1.27 0.00	32.05 1.18 0.00	30.97 1.13 0.00	33.45 1.25 0.00	32.27 1.23 0.00	34.37 1.35 0.00	33.17 1.30 0.00	34.62 1.38 0.00	39.37 1.52 0.00	44.04 1.67 0.00	47.23 1.64 0.00	38.68 1.35 0.00	38.78 1.31 0.00	38.25 1.34 0.00	33.66 1.28 0.00	34.20 1.34 0.00	31.74 1.21 0.00
RIVERBAY____ 323610	33.69 2.41 0.00	32.38 2.23 0.00	33.30 2.23 0.00	30.91 2.16 0.00	30.37 2.26 0.00	29.79 2.16 0.00	34.17 2.77 0.00	34.88 2.84 0.00	33.48 2.61 0.00	32.34 2.50 0.00	35.09 2.90 0.00	33.76 2.72 0.00	35.87 2.85 0.00	34.69 2.82 0.00	36.21 2.97 0.00	41.29 3.45 0.00	46.42 4.05 0.00	49.90 4.31 0.00	40.72 3.38 0.00	40.63 3.17 0.00	40.07 3.16 0.00	35.17 2.79 0.00	35.74 2.88 0.00	32.93 2.40 0.00
RIVERSDE_115KV_TB3 55908	32.27 0.99 0.00	31.10 0.96 0.00	32.02 0.96 0.00	29.66 0.93 0.00	29.09 0.98 0.00	28.58 0.94 0.00	32.59 1.18 0.00	33.26 1.23 0.00	32.03 1.15 0.00	30.95 1.11 0.00	33.40 1.21 0.00	32.23 1.19 0.00	34.33 1.31 0.00	33.12 1.24 0.00	34.57 1.32 0.00	39.33 1.49 0.00	44.01 1.63 0.00	47.20 1.61 0.00	38.66 1.33 0.00	38.75 1.28 0.00	38.23 1.33 0.00	33.65 1.27 0.00	34.17 1.31 0.00	31.70 1.18 0.00
ROARING___BROOK_WT_PWR 323790	30.45 -0.83 0.00	29.57 -0.57 0.00	30.72 -0.34 0.00	28.57 -0.17 0.00	27.72 -0.39 0.00	27.12 -0.51 0.00	30.84 -0.57 0.00	31.45 -0.59 0.00	30.21 -0.66 0.00	29.08 -0.76 0.00	31.36 -0.84 0.00	30.21 -0.83 0.00	32.18 -0.84 0.00	31.06 -0.82 0.00	32.34 -0.91 0.00	36.83 -1.01 0.00	41.23 -1.14 0.00	44.38 -1.21 0.00	36.40 -0.94 0.00	36.74 -0.73 0.00	36.14 -0.77 0.00	31.70 -0.68 0.00	32.11 -0.75 0.00	29.85 -0.67 0.00

ROCHESRG_115KV_T4 355643	30.19 -1.09 0.00	29.06 -1.09 0.00	29.92 -1.15 0.00	27.51 -1.23 0.00	26.85 -1.25 0.00	26.42 -1.21 0.00	29.82 -1.56 0.02	30.53 -1.45 0.06	29.60 -1.27 0.00	28.47 -1.14 0.23	29.54 -1.22 1.43	29.28 -1.21 0.55	31.30 -1.30 0.42	30.57 -1.25 0.06	31.93 -1.27 0.05	36.42 -1.41 0.02	40.06 -1.48 0.83	44.13 -1.46 0.00	36.24 -1.10 0.00	36.35 -1.06 0.06	36.05 -0.86 0.00	31.49 -0.89 0.00	32.17 -0.70 0.00	29.82 -0.71 0.00
ROCHESTER_9_IC 23652	30.40 -0.88 0.00	29.26 -0.88 0.00	30.11 -0.95 0.00	27.69 -1.05 0.00	27.04 -1.07 0.00	26.61 -1.02 0.00	30.07 -1.34 0.00	30.83 -1.20 0.00	29.84 -1.03 0.00	28.94 -0.90 0.00	31.22 -0.97 0.00	30.06 -0.98 0.00	31.98 -1.04 0.00	30.88 -0.99 0.00	32.25 -1.00 0.00	36.75 -1.09 0.00	41.27 -1.11 0.00	44.55 -1.04 0.00	36.58 -0.76 0.00	36.74 -0.72 0.00	36.37 -0.54 0.00	31.75 -0.62 0.00	32.42 -0.44 0.00	30.04 -0.48 0.00
ROCKVIEW_13_KV_LD 356306	33.10 1.82 0.00	31.84 1.70 0.00	32.74 1.68 0.00	30.36 1.61 0.00	29.80 1.69 0.00	29.26 1.62 0.00	33.40 2.00 0.00	34.12 2.08 0.00	32.84 1.96 0.00	31.76 1.92 0.00	34.40 2.21 0.00	33.15 2.11 0.00	35.26 2.23 0.00	34.10 2.22 0.00	35.59 2.34 0.00	40.57 2.72 0.00	45.59 3.22 0.00	49.02 3.43 0.00	40.06 2.73 0.00	40.02 2.55 0.00	39.48 2.57 0.00	34.66 2.28 0.00	35.16 2.30 0.00	32.46 1.94 0.00
ROME____115KV_TB2 80656	31.79 0.51 0.00	30.73 0.58 0.00	31.73 0.66 0.00	29.45 0.71 0.00	28.68 0.57 0.00	28.26 0.62 0.00	32.08 0.67 0.00	32.83 0.79 0.00	31.65 0.77 0.00	30.65 0.81 0.00	33.09 0.90 0.00	31.89 0.85 0.00	33.87 0.86 0.00	32.79 0.91 0.00	34.21 0.96 0.00	39.02 1.19 0.00	43.64 1.26 0.00	46.90 1.31 0.00	38.39 1.05 0.00	38.56 1.09 0.00	37.96 1.05 0.00	33.25 0.88 0.00	33.65 0.79 0.00	31.23 0.70 0.00
ROSETON___1 23587	32.68 1.41 0.00	31.44 1.30 0.00	32.34 1.29 0.00	29.99 1.25 0.00	29.41 1.31 0.00	28.89 1.26 0.00	32.95 1.54 0.00	33.64 1.60 0.00	32.39 1.51 0.00	31.31 1.47 0.00	33.88 1.68 0.00	32.63 1.59 0.00	34.71 1.69 0.00	33.56 1.68 0.00	35.01 1.76 0.00	39.89 2.05 0.00	44.77 2.40 0.00	48.12 2.53 0.00	39.35 2.01 0.00	39.36 1.89 0.00	38.83 1.92 0.00	34.10 1.72 0.00	34.61 1.75 0.00	32.00 1.48 0.00
ROSETON___2 23588	32.68 1.41 0.00	31.44 1.30 0.00	32.34 1.29 0.00	29.99 1.25 0.00	29.41 1.31 0.00	28.89 1.26 0.00	32.95 1.54 0.00	33.64 1.60 0.00	32.39 1.51 0.00	31.31 1.47 0.00	33.88 1.68 0.00	32.63 1.59 0.00	34.71 1.69 0.00	33.56 1.68 0.00	35.01 1.76 0.00	39.89 2.05 0.00	44.77 2.40 0.00	48.12 2.53 0.00	39.35 2.01 0.00	39.36 1.89 0.00	38.83 1.92 0.00	34.10 1.72 0.00	34.61 1.75 0.00	32.00 1.48 0.00
ROTRRDAM_115KV_TB3 80664	32.27 0.99 0.00	31.07 0.93 0.00	32.00 0.94 0.00	29.63 0.89 0.00	29.01 0.90 0.00	28.52 0.89 0.00	32.52 1.11 0.00	33.19 1.15 0.00	31.96 1.09 0.00	30.89 1.05 0.00	33.37 1.18 0.00	32.16 1.12 0.00	34.25 1.23 0.00	33.05 1.17 0.00	34.50 1.26 0.00	39.29 1.45 0.00	44.00 1.63 0.00	47.28 1.69 0.00	38.70 1.37 0.00	38.82 1.35 0.00	38.26 1.35 0.00	33.60 1.22 0.00	34.11 1.25 0.00	31.64 1.12 0.00
RUSSELL___1 23602	30.53 -0.75 0.00	29.38 -0.76 0.00	30.23 -0.83 0.00	27.80 -0.94 0.00	27.14 -0.96 0.00	26.73 -0.91 0.00	30.20 -1.21 0.00	30.97 -1.07 0.00	29.98 -0.90 0.00	29.08 -0.76 0.00	31.38 -0.81 0.00	30.22 -0.83 0.00	32.14 -0.88 0.00	31.05 -0.83 0.00	32.41 -0.83 0.00	36.95 -0.89 0.00	41.50 -0.87 0.00	44.80 -0.79 0.00	36.79 -0.55 0.00	36.96 -0.51 0.00	36.58 -0.33 0.00	31.92 -0.46 0.00	32.59 -0.28 0.00	30.18 -0.35 0.00
RUSSELL___2 23532	30.53 -0.75 0.00	29.38 -0.76 0.00	30.23 -0.83 0.00	27.80 -0.94 0.00	27.14 -0.96 0.00	26.73 -0.91 0.00	30.20 -1.21 0.00	30.97 -1.07 0.00	29.98 -0.90 0.00	29.08 -0.76 0.00	31.38 -0.81 0.00	30.22 -0.83 0.00	32.14 -0.88 0.00	31.05 -0.83 0.00	32.41 -0.83 0.00	36.95 -0.89 0.00	41.50 -0.87 0.00	44.80 -0.79 0.00	36.79 -0.55 0.00	36.96 -0.51 0.00	36.58 -0.33 0.00	31.92 -0.46 0.00	32.59 -0.28 0.00	30.18 -0.35 0.00
RUSSELL___3 23549	30.53 -0.75 0.00	29.38 -0.76 0.00	30.23 -0.83 0.00	27.80 -0.94 0.00	27.14 -0.96 0.00	26.73 -0.91 0.00	30.20 -1.21 0.00	30.97 -1.07 0.00	29.98 -0.90 0.00	29.08 -0.76 0.00	31.38 -0.81 0.00	30.22 -0.83 0.00	32.14 -0.88 0.00	31.05 -0.83 0.00	32.41 -0.83 0.00	36.95 -0.89 0.00	41.50 -0.87 0.00	44.80 -0.79 0.00	36.79 -0.55 0.00	36.96 -0.51 0.00	36.58 -0.33 0.00	31.92 -0.46 0.00	32.59 -0.28 0.00	30.18 -0.35 0.00
RUSSELL___4 23556	30.53 -0.75 0.00	29.38 -0.76 0.00	30.23 -0.83 0.00	27.80 -0.94 0.00	27.14 -0.96 0.00	26.73 -0.91 0.00	30.20 -1.21 0.00	30.97 -1.07 0.00	29.98 -0.90 0.00	29.08 -0.76 0.00	31.38 -0.81 0.00	30.22 -0.83 0.00	32.14 -0.88 0.00	31.05 -0.83 0.00	32.41 -0.83 0.00	36.95 -0.89 0.00	41.50 -0.87 0.00	44.80 -0.79 0.00	36.79 -0.55 0.00	36.96 -0.51 0.00	36.58 -0.33 0.00	31.92 -0.46 0.00	32.59 -0.28 0.00	30.18 -0.35 0.00
RUSSELL___STATION 23914	30.53 -0.75 0.00	29.38 -0.76 0.00	30.23 -0.83 0.00	27.80 -0.94 0.00	27.14 -0.96 0.00	26.73 -0.91 0.00	30.20 -1.21 0.00	30.97 -1.07 0.00	29.98 -0.90 0.00	29.08 -0.76 0.00	31.38 -0.81 0.00	30.22 -0.83 0.00	32.14 -0.88 0.00	31.05 -0.83 0.00	32.41 -0.83 0.00	36.95 -0.89 0.00	41.50 -0.87 0.00	44.80 -0.79 0.00	36.79 -0.55 0.00	36.96 -0.51 0.00	36.58 -0.33 0.00	31.92 -0.46 0.00	32.59 -0.28 0.00	30.18 -0.35 0.00
S SALMON___HYD 24043	30.33 -0.95 0.00	29.27 -0.87 0.00	30.26 -0.80 0.00	28.17 -0.58 0.00	27.36 -0.75 0.00	26.88 -0.75 0.00	30.34 -1.07 0.00	30.96 -1.07 0.00	29.86 -1.02 0.00	28.93 -0.91 0.00	31.24 -0.96 0.00	30.10 -0.94 0.00	31.93 -1.09 0.00	30.90 -0.98 0.00	32.21 -1.03 0.00	36.62 -1.22 0.00	41.01 -1.37 0.00	44.19 -1.40 0.00	36.20 -1.14 0.00	36.36 -1.11 0.00	35.81 -1.10 0.00	31.39 -0.98 0.00	31.89 -0.97 0.00	29.67 -0.86 0.00
S.PERRY___115KV_TB1 80734	30.63 -0.65 0.00	29.46 -0.68 0.00	30.33 -0.73 0.00	27.90 -0.85 0.00	27.22 -0.88 0.00	26.83 -0.80 0.00	30.92 -1.04 -0.55	32.48 -0.83 -1.27	30.24 -0.63 0.00	34.42 -0.58 -5.16	63.46 -0.69 -31.96	42.40 -0.85 -12.21	41.45 -0.94 -9.36	32.40 -0.84 -1.36	33.59 -0.78 -1.11	37.60 -0.71 -0.46	60.38 -0.59 -18.60	45.25 -0.34 0.00	37.18 -0.16 0.00	38.73 -0.09 -1.36	36.93 0.02 0.00	32.18 -0.20 0.00	32.87 0.01 0.00	30.50 -0.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.34 -1.94 0.00	28.22 -1.92 0.00	29.05 -2.01 0.00	26.59 -2.15 0.00	25.89 -2.22 0.00	25.48 -2.15 0.00	28.46 -2.80 0.14	29.10 -2.61 0.33	28.53 -2.34 0.00	26.35 -2.13 1.36	21.53 -2.25 8.42	25.60 -2.22 3.21	28.15 -2.40 2.47	29.16 -2.35 0.36	30.55 -2.40 0.29	35.03 -2.70 0.12	34.53 -2.95 4.90	42.59 -3.00 0.00	35.06 -2.28 0.00	34.95 -2.16 0.36	35.10 -1.81 0.00	30.61 -1.77 0.00	31.48 -1.38 0.00	29.17 -1.35 0.00

SAWYER___23_KV_LOAD 55526	29.34 -1.94 0.00	28.22 -1.92 0.00	29.05 -2.01 0.00	26.59 -2.15 0.00	25.89 -2.22 0.00	25.48 -2.15 0.00	28.46 -2.80 0.14	29.10 -2.61 0.33	28.53 -2.34 0.00	26.35 -2.13 1.36	21.53 -2.25 8.42	25.60 -2.22 3.21	28.15 -2.40 2.47	29.16 -2.35 0.36	30.55 -2.40 0.29	35.03 -2.70 0.12	34.53 -2.95 4.90	42.59 -3.00 0.00	35.06 -2.28 0.00	34.95 -2.16 0.36	35.10 -1.81 0.00	30.61 -1.77 0.00	31.48 -1.38 0.00	29.17 -1.35 0.00
SELKIRK___I 23801	32.32 1.05 0.00	31.16 1.01 0.00	32.08 1.02 0.00	29.71 0.97 0.00	29.12 1.01 0.00	28.62 0.98 0.00	32.59 1.18 0.00	33.26 1.23 0.00	32.01 1.14 0.00	30.91 1.06 0.00	33.33 1.14 0.00	32.11 1.07 0.00	34.19 1.17 0.00	33.01 1.14 0.00	34.50 1.25 0.00	39.29 1.44 0.00	44.00 1.63 0.00	47.20 1.61 0.00	38.67 1.33 0.00	38.76 1.29 0.00	38.23 1.32 0.00	33.60 1.22 0.00	34.14 1.28 0.00	31.71 1.18 0.00
SELKIRK___II 23799	32.17 0.89 0.00	31.00 0.85 0.00	31.91 0.85 0.00	29.56 0.82 0.00	28.97 0.87 0.00	28.46 0.83 0.00	32.44 1.03 0.00	33.11 1.07 0.00	31.87 0.99 0.00	30.80 0.96 0.00	33.25 1.05 0.00	32.05 1.01 0.00	34.12 1.10 0.00	32.93 1.05 0.00	34.38 1.13 0.00	39.13 1.28 0.00	43.81 1.44 0.00	47.02 1.43 0.00	38.50 1.16 0.00	38.60 1.14 0.00	38.08 1.17 0.00	33.48 1.11 0.00	34.00 1.14 0.00	31.54 1.02 0.00
SENECA OSWGO___HYD 24041	30.37 -0.91 0.00	29.27 -0.88 0.00	30.15 -0.91 0.00	27.90 -0.84 0.00	27.28 -0.83 0.00	26.82 -0.81 0.00	30.37 -1.03 0.00	30.95 -1.09 0.00	29.85 -1.03 0.00	28.90 -0.94 0.00	31.17 -1.02 0.00	30.06 -0.98 0.00	31.94 -1.08 0.00	30.88 -0.99 0.00	32.21 -1.03 0.00	36.64 -1.20 0.00	41.07 -1.31 0.00	44.21 -1.37 0.00	36.22 -1.12 0.00	36.34 -1.13 0.00	35.81 -1.10 0.00	31.43 -0.94 0.00	31.91 -0.95 0.00	29.66 -0.86 0.00
SENECA___115KV_TB3 355854	29.56 -1.72 0.00	28.43 -1.71 0.00	29.26 -1.81 0.00	26.81 -1.94 0.00	26.08 -2.02 0.00	25.70 -1.94 0.00	28.74 -2.52 0.14	29.38 -2.33 0.33	28.79 -2.09 0.00	26.60 -1.89 1.35	21.87 -1.99 8.33	25.87 -1.99 3.18	28.42 -2.16 2.45	29.41 -2.11 0.36	30.82 -2.14 0.29	35.35 -2.37 0.12	34.96 -2.56 4.85	43.01 -2.58 0.00	35.40 -1.94 0.00	35.28 -1.84 0.35	35.39 -1.52 0.00	30.85 -1.53 0.00	31.71 -1.15 0.00	29.40 -1.13 0.00
SENECA___ENERGY 23797	30.72 -0.55 0.00	29.58 -0.56 0.00	30.47 -0.60 0.00	28.15 -0.60 0.00	27.47 -0.64 0.00	27.07 -0.56 0.00	30.66 -0.75 0.00	31.32 -0.72 0.00	30.24 -0.64 0.00	29.26 -0.58 0.00	31.59 -0.61 0.00	30.44 -0.60 0.00	32.30 -0.72 0.00	31.23 -0.65 0.00	32.64 -0.61 0.00	37.18 -0.66 0.00	41.73 -0.64 0.00	45.02 -0.57 0.00	36.92 -0.42 0.00	37.04 -0.43 0.00	36.55 -0.36 0.00	32.01 -0.37 0.00	32.50 -0.36 0.00	30.19 -0.34 0.00
SHOEMAKER___GT 23640	32.50 1.23 0.00	31.27 1.13 0.00	32.17 1.11 0.00	29.83 1.09 0.00	29.25 1.15 0.00	28.75 1.12 0.00	32.77 1.36 0.00	33.42 1.39 0.00	32.17 1.30 0.00	31.06 1.22 0.00	33.56 1.37 0.00	32.34 1.30 0.00	34.37 1.35 0.00	33.25 1.38 0.00	34.71 1.47 0.00	39.61 1.77 0.00	44.51 2.14 0.00	47.87 2.28 0.00	39.15 1.81 0.00	39.18 1.72 0.00	38.65 1.74 0.00	33.93 1.55 0.00	34.42 1.55 0.00	31.84 1.32 0.00
SHOEMAKR_138KV_BK 111 55601	32.50 1.22 0.00	31.27 1.12 0.00	32.16 1.10 0.00	29.83 1.09 0.00	29.24 1.14 0.00	28.73 1.10 0.00	32.76 1.35 0.00	33.42 1.39 0.00	32.17 1.29 0.00	31.07 1.22 0.00	33.58 1.39 0.00	32.36 1.32 0.00	34.39 1.36 0.00	33.27 1.39 0.00	34.73 1.48 0.00	39.61 1.76 0.00	44.50 2.14 0.00	47.87 2.28 0.00	39.14 1.80 0.00	39.17 1.71 0.00	38.64 1.73 0.00	33.91 1.53 0.00	34.40 1.54 0.00	31.83 1.30 0.00
SHOREHAM_IC_1 23715	33.59 2.31 0.00	32.19 2.05 0.00	33.05 1.99 0.00	30.63 1.88 0.00	30.11 2.00 0.00	29.67 2.04 0.00	33.79 2.38 0.00	34.39 2.36 0.00	32.74 1.86 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.01 2.00 0.00	33.89 2.02 0.00	37.94 2.17 -2.53	40.77 2.93 0.00	46.23 3.86 0.00	49.88 4.29 0.00	44.47 3.29 -3.85	44.09 3.01 -3.61	43.22 2.82 -3.50	37.26 2.69 -2.19	36.40 2.60 -0.94	32.73 2.21 0.00
SHOREHAM_IC_2 23716	33.59 2.31 0.00	32.19 2.05 0.00	33.04 1.98 0.00	30.63 1.89 0.00	30.11 2.00 0.00	29.67 2.04 0.00	33.79 2.38 0.00	34.39 2.36 0.00	32.73 1.86 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.02 1.99 0.00	33.89 2.02 0.00	37.94 2.16 -2.53	40.77 2.93 0.00	46.23 3.86 0.00	49.88 4.29 0.00	44.48 3.29 -3.85	44.09 3.01 -3.61	43.22 2.82 -3.50	37.26 2.69 -2.19	36.40 2.60 -0.94	32.73 2.21 0.00
SISSONVILLE____ 23735	31.07 -0.21 0.00	30.12 -0.03 0.00	31.18 0.12 0.00	28.83 0.09 0.00	28.05 -0.06 0.00	27.48 -0.15 0.00	31.27 -0.14 0.00	31.99 -0.04 0.00	30.86 -0.02 0.00	29.70 -0.14 0.00	32.01 -0.18 0.00	30.82 -0.22 0.00	32.80 -0.22 0.00	31.61 -0.27 0.00	32.73 -0.52 0.00	37.13 -0.71 0.00	41.28 -1.10 0.00	44.57 -1.02 0.00	36.51 -0.83 0.00	36.71 -0.76 0.00	36.03 -0.88 0.00	31.54 -0.84 0.00	32.02 -0.85 0.00	29.91 -0.62 0.00
SITHE_IND_GS1 24169	30.27 -1.01 0.00	29.18 -0.97 0.00	30.06 -1.00 0.00	27.82 -0.93 0.00	27.18 -0.92 0.00	26.72 -0.91 0.00	30.24 -1.17 0.00	30.78 -1.26 0.00	29.67 -1.20 0.00	28.72 -1.12 0.00	30.97 -1.22 0.00	29.87 -1.17 0.00	31.73 -1.29 0.00	30.66 -1.21 0.00	31.98 -1.27 0.00	36.36 -1.48 0.00	40.74 -1.64 0.00	43.84 -1.75 0.00	35.92 -1.42 0.00	36.05 -1.41 0.00	35.54 -1.37 0.00	31.21 -1.17 0.00	31.70 -1.17 0.00	29.49 -1.04 0.00
SITHE_IND_GS2 24170	30.27 -1.01 0.00	29.18 -0.97 0.00	30.06 -1.00 0.00	27.82 -0.93 0.00	27.18 -0.92 0.00	26.72 -0.91 0.00	30.24 -1.17 0.00	30.78 -1.26 0.00	29.67 -1.20 0.00	28.72 -1.12 0.00	30.97 -1.22 0.00	29.87 -1.17 0.00	31.73 -1.29 0.00	30.66 -1.21 0.00	31.98 -1.27 0.00	36.36 -1.48 0.00	40.74 -1.64 0.00	43.84 -1.75 0.00	35.92 -1.42 0.00	36.05 -1.41 0.00	35.54 -1.37 0.00	31.21 -1.17 0.00	31.70 -1.17 0.00	29.49 -1.04 0.00
SITHE_IND_GS3 24171	30.27 -1.01 0.00	29.18 -0.97 0.00	30.06 -1.00 0.00	27.82 -0.93 0.00	27.18 -0.92 0.00	26.72 -0.91 0.00	30.24 -1.17 0.00	30.78 -1.26 0.00	29.67 -1.20 0.00	28.72 -1.12 0.00	30.97 -1.22 0.00	29.87 -1.17 0.00	31.73 -1.29 0.00	30.66 -1.21 0.00	31.98 -1.27 0.00	36.36 -1.48 0.00	40.74 -1.64 0.00	43.84 -1.75 0.00	35.92 -1.42 0.00	36.05 -1.41 0.00	35.54 -1.37 0.00	31.21 -1.17 0.00	31.70 -1.17 0.00	29.49 -1.04 0.00
SITHE_IND_GS4 24172	30.27 -1.01 0.00	29.18 -0.97 0.00	30.06 -1.00 0.00	27.82 -0.93 0.00	27.18 -0.92 0.00	26.72 -0.91 0.00	30.24 -1.17 0.00	30.78 -1.26 0.00	29.67 -1.20 0.00	28.72 -1.12 0.00	30.97 -1.22 0.00	29.87 -1.17 0.00	31.73 -1.29 0.00	30.66 -1.21 0.00	31.98 -1.27 0.00	36.36 -1.48 0.00	40.74 -1.64 0.00	43.84 -1.75 0.00	35.92 -1.42 0.00	36.05 -1.41 0.00	35.54 -1.37 0.00	31.21 -1.17 0.00	31.70 -1.17 0.00	29.49 -1.04 0.00

SITHE___BATAVIA 24024	30.38 -0.90 0.00	29.21 -0.94 0.00	30.05 -1.01 0.00	27.55 -1.19 0.00	26.88 -1.22 0.00	26.48 -1.16 0.00	29.69 -1.64 0.08	30.44 -1.42 0.18	29.69 -1.19 0.00	28.06 -1.05 0.73	26.52 -1.15 4.52	28.08 -1.23 1.73	30.36 -1.34 1.33	30.43 -1.26 0.19	31.85 -1.24 0.16	36.47 -1.31 0.07	38.53 -1.21 2.63	44.48 -1.10 0.00	36.56 -0.78 0.00	36.57 -0.70 0.19	36.48 -0.43 0.00	31.78 -0.59 0.00	32.58 -0.28 0.00	30.16 -0.37 0.00
SITHE___INDEPEND 23800	30.27 -1.01 0.00	29.18 -0.97 0.00	30.06 -1.00 0.00	27.82 -0.93 0.00	27.18 -0.92 0.00	26.72 -0.91 0.00	30.24 -1.17 0.00	30.78 -1.26 0.00	29.68 -1.20 0.00	28.72 -1.12 0.00	30.97 -1.22 0.00	29.87 -1.17 0.00	31.73 -1.29 0.00	30.66 -1.21 0.00	31.98 -1.27 0.00	36.36 -1.48 0.00	40.73 -1.64 0.00	43.84 -1.74 0.00	35.92 -1.42 0.00	36.05 -1.41 0.00	35.54 -1.37 0.00	31.21 -1.17 0.00	31.70 -1.17 0.00	29.49 -1.04 0.00
SITHE___MASSENA 23902	31.52 0.24 0.00	30.42 0.27 0.00	31.41 0.34 0.00	28.98 0.24 0.00	28.29 0.18 0.00	27.81 0.17 0.00	31.64 0.23 0.00	32.32 0.29 0.00	31.19 0.31 0.00	30.06 0.21 0.00	32.37 0.18 0.00	31.21 0.17 0.00	33.23 0.21 0.00	32.02 0.14 0.00	33.34 0.09 0.00	37.93 0.09 0.00	42.33 -0.04 0.00	45.66 0.07 0.00	37.41 0.07 0.00	37.59 0.12 0.00	36.92 0.01 0.00	32.31 -0.07 0.00	32.75 -0.12 0.00	30.48 -0.04 0.00
SITHE___OGDNSBRG 24021	31.79 0.51 0.00	30.73 0.58 0.00	31.76 0.70 0.00	29.31 0.57 0.00	28.59 0.49 0.00	28.08 0.45 0.00	31.99 0.58 0.00	32.75 0.71 0.00	31.57 0.69 0.00	30.30 0.46 0.00	32.69 0.50 0.00	31.45 0.41 0.00	33.46 0.43 0.00	32.28 0.41 0.00	33.55 0.30 0.00	38.22 0.38 0.00	42.66 0.29 0.00	46.10 0.51 0.00	37.77 0.43 0.00	37.94 0.47 0.00	37.22 0.31 0.00	32.54 0.16 0.00	32.97 0.10 0.00	30.69 0.16 0.00
SITHE___STERLING 23777	31.71 0.43 0.00	30.64 0.49 0.00	31.59 0.53 0.00	29.28 0.54 0.00	28.58 0.47 0.00	28.15 0.52 0.00	31.98 0.57 0.00	32.68 0.65 0.00	31.51 0.63 0.00	30.52 0.67 0.00	32.94 0.74 0.00	31.75 0.70 0.00	33.75 0.73 0.00	32.64 0.76 0.00	34.06 0.81 0.00	38.84 0.99 0.00	43.44 1.06 0.00	46.61 1.03 0.00	38.16 0.82 0.00	38.30 0.83 0.00	37.70 0.79 0.00	33.05 0.67 0.00	33.48 0.61 0.00	31.07 0.55 0.00
SLEIGHT__34_KV_TB1 80719	30.44 -0.84 0.00	29.30 -0.84 0.00	30.17 -0.89 0.00	27.81 -0.93 0.00	27.14 -0.96 0.00	26.76 -0.87 0.00	30.30 -1.11 0.00	31.00 -1.04 0.00	29.97 -0.91 0.00	29.01 -0.83 0.00	31.31 -0.89 0.00	30.17 -0.87 0.00	32.05 -0.97 0.00	30.99 -0.89 0.00	32.36 -0.88 0.00	36.88 -0.97 0.00	41.42 -0.95 0.00	44.69 -0.90 0.00	36.65 -0.69 0.00	36.78 -0.68 0.00	36.35 -0.56 0.00	31.77 -0.61 0.00	32.32 -0.54 0.00	29.98 -0.54 0.00
SMITHTWN_69_KV_BK 1 55830	33.49 2.21 0.00	32.11 1.97 0.00	32.97 1.90 0.00	30.57 1.83 0.00	30.04 1.94 0.00	29.54 1.91 0.00	33.65 2.25 0.00	34.27 2.24 0.00	32.74 1.86 0.00	31.71 1.86 0.00	34.59 2.39 0.00	33.30 2.26 0.00	35.10 2.08 0.00	33.95 2.07 0.00	36.61 2.17 -1.19	40.73 2.89 0.00	46.14 3.77 0.00	49.74 4.15 0.00	42.31 3.16 -1.81	42.06 2.89 -1.70	41.34 2.79 -1.65	35.97 2.56 -1.03	35.82 2.51 -0.44	32.67 2.15 0.00
SOUTH CAIRO___GT 23612	33.34 2.06 0.00	32.12 1.97 0.00	33.05 1.99 0.00	30.61 1.87 0.00	30.01 1.90 0.00	29.55 1.92 0.00	33.75 2.34 0.00	34.56 2.52 0.00	33.25 2.37 0.00	32.01 2.17 0.00	34.63 2.44 0.00	33.03 1.99 0.00	35.13 2.11 0.00	33.86 1.99 0.00	35.64 2.40 0.00	40.77 2.93 0.00	45.99 3.61 0.00	49.50 3.90 0.00	40.55 3.21 0.00	40.59 3.12 0.00	39.97 3.06 0.00	35.07 2.69 0.00	35.56 2.70 0.00	32.96 2.44 0.00
SOUTH HAMPTN___IC 23720	33.65 2.36 0.00	32.22 2.08 0.00	33.04 1.99 0.00	30.61 1.87 0.00	30.10 2.00 0.00	29.74 2.11 0.00	33.84 2.43 0.00	34.38 2.34 0.00	32.69 1.82 0.00	31.59 1.75 0.00	34.41 2.21 0.00	33.11 2.07 0.00	34.92 1.90 0.00	33.82 1.95 0.00	38.05 2.13 -2.68	40.80 2.96 0.00	46.31 3.94 0.00	50.02 4.43 0.00	44.82 3.41 -4.07	44.41 3.12 -3.82	43.54 2.93 -3.70	37.45 2.75 -2.32	36.49 2.63 -0.99	32.73 2.21 0.00
SOUTHDOW_115KV_TB1 355954	29.33 -1.96 0.00	28.15 -1.99 0.00	28.89 -2.17 0.00	26.50 -2.24 0.00	25.83 -2.28 0.00	25.56 -2.07 0.00	28.79 -2.55 0.07	29.62 -2.25 0.17	28.64 -2.24 0.00	27.15 -1.99 0.69	25.51 -2.39 4.29	27.14 -2.26 1.64	29.19 -2.57 1.26	29.21 -2.48 0.18	30.82 -2.28 0.15	35.31 -2.48 0.06	37.12 -2.75 2.50	42.93 -2.66 0.00	35.29 -2.05 0.00	35.16 -2.12 0.18	34.89 -2.02 0.00	30.53 -1.85 0.00	31.35 -1.51 0.00	29.32 -1.21 0.00
SOUTHOLD_69_KV_BK 2 55809	33.50 2.22 0.00	32.05 1.91 0.00	32.82 1.76 0.00	30.38 1.64 0.00	29.89 1.79 0.00	29.62 1.99 0.00	33.63 2.22 0.00	34.10 2.07 0.00	32.41 1.53 0.00	31.30 1.46 0.00	34.06 1.87 0.00	32.77 1.73 0.00	34.57 1.54 0.00	33.50 1.62 0.00	37.74 1.82 -2.68	40.53 2.69 0.00	46.04 3.67 0.00	49.77 4.18 0.00	44.60 3.20 -4.07	44.18 2.89 -3.82	43.31 2.70 -3.70	37.21 2.52 -2.32	36.22 2.36 -0.99	32.47 1.95 0.00
SOUTHOLD___IC 23719	33.50 2.22 0.00	32.05 1.91 0.00	32.82 1.76 0.00	30.38 1.64 0.00	29.89 1.79 0.00	29.62 1.99 0.00	33.63 2.22 0.00	34.10 2.06 0.00	32.41 1.53 0.00	31.30 1.46 0.00	34.06 1.87 0.00	32.77 1.73 0.00	34.57 1.55 0.00	33.50 1.62 0.00	37.74 1.82 -2.68	40.53 2.69 0.00	46.04 3.66 0.00	49.77 4.18 0.00	44.60 3.20 -4.07	44.18 2.89 -3.82	43.31 2.70 -3.70	37.21 2.52 -2.32	36.22 2.36 -0.99	32.47 1.95 0.00
SOUTH_FORK_WT_PWR 323839	33.14 1.86 0.00	31.69 1.55 0.00	32.41 1.35 0.00	29.99 1.25 0.00	29.52 1.41 0.00	29.30 1.67 0.00	33.22 1.82 0.00	33.60 1.56 0.00	31.91 1.03 0.00	30.80 0.96 0.00	33.52 1.33 0.00	32.25 1.22 0.00	34.01 0.99 0.00	32.98 1.10 0.00	37.18 1.26 -2.68	39.91 2.07 0.00	45.37 2.99 0.00	49.07 3.48 0.00	44.03 2.62 -4.07	43.60 2.31 -3.82	42.72 2.12 -3.70	36.71 2.02 -2.32	35.69 1.84 -0.99	31.99 1.46 0.00
SPIERFLS_115KV_TB 1 80737	33.44 2.16 0.00	32.17 2.03 0.00	33.09 2.03 0.00	30.65 1.91 0.00	30.01 1.90 0.00	29.60 1.97 0.00	33.87 2.46 0.00	34.63 2.59 0.00	33.35 2.47 0.00	32.20 2.36 0.00	34.86 2.67 0.00	33.55 2.52 0.00	35.83 2.81 0.00	34.49 2.62 0.00	36.07 2.82 0.00	40.99 3.15 0.00	45.90 3.53 0.00	49.34 3.75 0.00	40.36 3.02 0.00	40.47 3.00 0.00	39.92 3.01 0.00	35.02 2.64 0.00	35.56 2.69 0.00	32.98 2.45 0.00
ST LAWRENCE____ 23600	31.14 -0.14 0.00	30.02 -0.12 0.00	30.99 -0.07 0.00	28.60 -0.14 0.00	27.93 -0.17 0.00	27.47 -0.16 0.00	31.27 -0.14 0.00	31.92 -0.12 0.00	30.79 -0.09 0.00	29.68 -0.16 0.00	31.97 -0.22 0.00	30.84 -0.20 0.00	32.84 -0.18 0.00	31.63 -0.25 0.00	32.97 -0.28 0.00	37.53 -0.31 0.00	41.93 -0.44 0.00	45.23 -0.36 0.00	37.05 -0.29 0.00	37.23 -0.24 0.00	36.58 -0.33 0.00	31.98 -0.39 0.00	32.42 -0.44 0.00	30.16 -0.37 0.00

STATE_CA_115KV_115_LB 55624	32.35 1.07 0.00	31.18 1.04 0.00	32.09 1.03 0.00	29.75 1.00 0.00	29.16 1.05 0.00	28.66 1.02 0.00	32.67 1.27 0.00	33.37 1.34 0.00	32.13 1.25 0.00	31.06 1.22 0.00	33.50 1.31 0.00	32.33 1.29 0.00	34.43 1.41 0.00	33.23 1.36 0.00	34.68 1.44 0.00	39.48 1.63 0.00	44.19 1.81 0.00	47.39 1.80 0.00	38.82 1.48 0.00	38.90 1.43 0.00	38.38 1.47 0.00	33.76 1.38 0.00	34.29 1.42 0.00	31.80 1.27 0.00
STATE_ST_34_KV_LOAD 55959	31.13 -0.15 0.00	30.00 -0.14 0.00	30.90 -0.16 0.00	28.59 -0.15 0.00	27.83 -0.27 0.00	27.49 -0.14 0.00	31.16 -0.25 0.00	31.79 -0.25 0.00	30.67 -0.20 0.00	29.59 -0.25 0.00	31.97 -0.22 0.00	30.74 -0.30 0.00	32.66 -0.36 0.00	31.66 -0.21 0.00	33.06 -0.18 0.00	37.63 -0.21 0.00	42.16 -0.21 0.00	45.53 -0.06 0.00	37.29 -0.05 0.00	37.43 -0.04 0.00	36.91 0.00 0.00	32.36 -0.02 0.00	32.75 -0.11 0.00	30.48 -0.04 0.00
STATION_5_MISC_HYD 23604	30.41 -0.87 0.00	29.26 -0.89 0.00	30.11 -0.95 0.00	27.69 -1.05 0.00	27.04 -1.07 0.00	26.61 -1.02 0.00	30.07 -1.34 0.00	30.83 -1.20 0.00	29.84 -1.03 0.00	28.94 -0.90 0.00	31.23 -0.96 0.00	30.07 -0.97 0.00	31.99 -1.03 0.00	30.88 -0.99 0.00	32.25 -1.00 0.00	36.76 -1.09 0.00	41.29 -1.08 0.00	44.56 -1.03 0.00	36.58 -0.76 0.00	36.74 -0.72 0.00	36.37 -0.54 0.00	31.75 -0.62 0.00	32.42 -0.44 0.00	30.04 -0.49 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.55 -0.73 0.00	29.40 -0.74 0.00	30.27 -0.79 0.00	27.90 -0.84 0.00	27.25 -0.85 0.00	26.85 -0.79 0.00	30.38 -1.03 0.00	31.10 -0.94 0.00	30.06 -0.82 0.00	29.12 -0.73 0.00	31.41 -0.79 0.00	30.27 -0.77 0.00	32.18 -0.85 0.00	31.08 -0.79 0.00	32.45 -0.80 0.00	36.99 -0.85 0.00	41.54 -0.83 0.00	44.81 -0.78 0.00	36.76 -0.58 0.00	36.90 -0.57 0.00	36.47 -0.44 0.00	31.87 -0.50 0.00	32.47 -0.40 0.00	30.10 -0.43 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.25 -1.04 0.00	29.10 -1.04 0.00	29.96 -1.11 0.00	27.56 -1.18 0.00	26.91 -1.19 0.00	26.50 -1.14 0.00	29.94 -1.47 0.00	30.68 -1.35 0.00	29.70 -1.18 0.00	28.80 -1.05 0.00	31.07 -1.12 0.00	29.92 -1.12 0.00	31.64 -1.18 0.20	30.74 -1.14 0.00	32.09 -1.16 0.00	36.57 -1.27 0.00	41.05 -1.32 0.00	44.31 -1.28 0.00	36.38 -0.96 0.00	36.53 -0.93 0.00	36.15 -0.75 0.00	31.57 -0.80 0.00	32.22 -0.64 0.00	29.86 -0.67 0.00
STA_56___34_KV_BUS2 355983	30.25 -1.04 0.00	29.10 -1.04 0.00	29.96 -1.11 0.00	27.56 -1.18 0.00	26.91 -1.19 0.00	26.50 -1.14 0.00	29.94 -1.47 0.00	30.68 -1.35 0.00	29.70 -1.18 0.00	28.80 -1.05 0.00	31.07 -1.12 0.00	29.92 -1.12 0.00	31.64 -1.18 0.20	30.74 -1.14 0.00	32.09 -1.16 0.00	36.57 -1.27 0.00	41.05 -1.32 0.00	44.31 -1.28 0.00	36.38 -0.96 0.00	36.53 -0.93 0.00	36.15 -0.75 0.00	31.57 -0.80 0.00	32.22 -0.64 0.00	29.86 -0.67 0.00
STA_67___115KV_BK2 355882	30.35 -0.93 0.00	29.20 -0.94 0.00	30.06 -1.00 0.00	27.65 -1.09 0.00	26.99 -1.12 0.00	26.56 -1.07 0.00	30.01 -1.40 0.00	30.77 -1.27 0.00	29.78 -1.10 0.00	28.88 -0.96 0.00	31.16 -1.03 0.00	30.00 -1.04 0.00	31.91 -1.11 0.00	30.81 -1.07 0.00	32.18 -1.07 0.00	36.67 -1.17 0.00	41.17 -1.20 0.00	44.44 -1.15 0.00	36.49 -0.85 0.00	36.66 -0.81 0.00	36.30 -0.61 0.00	31.69 -0.69 0.00	32.36 -0.51 0.00	29.98 -0.54 0.00
STA_7___115KV_9TRANS 80674	30.53 -0.75 0.00	29.38 -0.76 0.00	30.23 -0.83 0.00	27.80 -0.94 0.00	27.14 -0.96 0.00	26.73 -0.91 0.00	30.20 -1.21 0.00	30.97 -1.07 0.00	29.98 -0.90 0.00	29.08 -0.76 0.00	31.38 -0.81 0.00	30.22 -0.83 0.00	32.14 -0.88 0.00	31.05 -0.83 0.00	32.41 -0.83 0.00	36.95 -0.89 0.00	41.50 -0.87 0.00	44.80 -0.79 0.00	36.79 -0.55 0.00	36.96 -0.51 0.00	36.58 -0.33 0.00	31.92 -0.46 0.00	32.59 -0.28 0.00	30.18 -0.35 0.00
STA_82___115KV_TB1 80780	30.33 -0.95 0.00	29.18 -0.97 0.00	30.04 -1.02 0.00	27.63 -1.12 0.00	26.97 -1.14 0.00	26.55 -1.09 0.00	29.98 -1.43 0.00	30.74 -1.29 0.00	29.76 -1.12 0.00	28.85 -0.99 0.00	31.13 -1.07 0.00	29.98 -1.06 0.00	31.88 -1.14 0.00	30.79 -1.09 0.00	32.15 -1.10 0.00	36.64 -1.20 0.00	41.13 -1.24 0.00	44.39 -1.20 0.00	36.45 -0.89 0.00	36.63 -0.84 0.00	36.26 -0.64 0.00	31.66 -0.72 0.00	32.34 -0.53 0.00	29.96 -0.56 0.00
STEEL___WIND 323596	29.50 -1.78 0.00	28.38 -1.77 0.00	29.20 -1.86 0.00	26.76 -1.99 0.00	26.03 -2.08 0.00	25.64 -2.00 0.00	28.67 -2.60 0.14	29.32 -2.39 0.33	28.73 -2.14 0.00	26.56 -1.93 1.35	21.80 -2.05 8.33	25.80 -2.05 3.18	28.35 -2.22 2.45	29.33 -2.19 0.36	30.76 -2.20 0.29	35.28 -2.45 0.12	34.88 -2.64 4.85	42.94 -2.65 0.00	35.34 -2.00 0.35	35.20 -1.92 0.00	35.32 -1.59 0.00	30.78 -1.60 0.00	31.65 -1.22 0.00	29.34 -1.19 0.00
STEPHTWN_115KV_BK_2 55603	32.59 1.31 0.00	31.39 1.25 0.00	32.22 1.16 0.00	29.86 1.12 0.00	29.29 1.19 0.00	28.81 1.17 0.00	32.88 1.47 0.00	33.54 1.50 0.00	32.31 1.43 0.00	31.24 1.40 0.00	33.73 1.54 0.00	32.54 1.51 0.00	34.71 1.69 0.00	33.43 1.56 0.00	34.92 1.67 0.00	39.77 1.93 0.00	44.53 2.16 0.00	47.79 2.20 0.00	39.18 1.84 0.00	39.25 1.78 0.00	38.65 1.74 0.00	33.91 1.53 0.00	34.48 1.61 0.00	31.98 1.45 0.00
STEBEN_REC_LFGE 323667	28.94 -2.34 0.00	27.87 -2.27 0.00	28.73 -2.33 0.00	26.49 -2.25 0.00	25.74 -2.37 0.00	25.39 -2.25 0.00	29.13 -2.68 -0.40	30.52 -2.42 -0.91	28.69 -2.19 0.00	31.37 -2.16 -3.69	52.60 -2.44 -22.85	37.13 -2.64 -8.73	36.79 -2.90 -6.67	30.13 -2.72 -0.97	31.31 -2.73 -0.80	35.29 -2.88 -0.33	52.68 -2.99 -13.30	42.76 -2.99 0.00	35.17 -2.83 0.00	36.44 -2.16 -0.97	34.97 -1.94 0.00	30.40 -1.98 0.00	31.14 -1.73 0.00	29.18 -1.35 0.00
STILLWATER___SOLAR 323814	33.01 1.73 0.00	31.77 1.63 0.00	32.69 1.63 0.00	30.28 1.54 0.00	29.66 1.55 0.00	29.20 1.57 0.00	33.37 1.96 0.00	34.06 2.03 0.00	32.80 1.93 0.00	31.64 1.80 0.00	34.23 2.04 0.00	32.97 1.92 0.00	35.16 2.14 0.00	33.95 2.07 0.00	35.47 2.22 0.00	40.35 2.51 0.00	45.18 2.81 0.00	48.54 2.96 0.00	39.71 2.38 0.00	39.81 2.35 0.00	39.25 2.34 0.00	34.46 2.08 0.00	34.99 2.13 0.00	32.44 1.92 0.00
STONY___BROOK 24151	33.43 2.14 0.00	32.05 1.90 0.00	32.90 1.84 0.00	30.51 1.77 0.00	29.99 1.88 0.00	29.49 1.86 0.00	33.60 2.19 0.00	34.22 2.18 0.00	32.67 1.80 0.00	31.63 1.79 0.00	34.51 2.32 0.00	33.23 2.19 0.00	35.03 2.01 0.00	33.87 1.99 0.00	37.27 2.09 -1.93	40.63 2.79 0.00	46.02 3.65 0.00	49.60 4.01 0.00	43.34 3.06 -2.94	43.01 2.79 -2.76	42.27 2.69 -2.67	36.54 2.48 -1.68	36.01 2.43 -0.72	32.59 2.07 0.00
STURGEON_POOL_HYD 23609	32.78 1.50 0.00	31.52 1.38 0.00	32.41 1.35 0.00	30.06 1.32 0.00	29.48 1.38 0.00	28.96 1.33 0.00	33.04 1.64 0.00	33.73 1.70 0.00	32.48 1.61 0.00	31.41 1.57 0.00	34.03 1.84 0.00	32.78 1.74 0.00	34.83 1.81 0.00	33.64 1.76 0.00	35.07 1.83 0.00	40.00 2.16 0.00	44.94 2.57 0.00	48.32 2.73 0.00	39.51 2.17 0.00	39.53 2.06 0.00	38.99 2.08 0.00	34.26 1.88 0.00	34.73 1.86 0.00	32.11 1.58 0.00

ST_LAW_115_BK7_LBMP 345037	31.14 -0.14 0.00	30.03 -0.11 0.00	31.00 -0.06 0.00	28.61 -0.13 0.00	27.94 -0.17 0.00	27.47 -0.16 0.00	31.27 -0.14 0.00	31.92 -0.12 0.00	30.80 -0.08 0.00	29.68 -0.16 0.00	31.97 -0.22 0.00	30.84 -0.20 0.00	32.84 -0.18 0.00	31.62 -0.25 0.00	32.97 -0.28 0.00	37.52 -0.32 0.00	41.91 -0.46 0.00	45.22 -0.37 0.00	37.04 -0.30 0.00	37.22 -0.25 0.00	36.57 -0.34 0.00	31.97 -0.41 0.00	32.40 -0.46 0.00	30.15 -0.38 0.00
ST_LAW_115_BK8_LBMP 345038	31.14 -0.14 0.00	30.03 -0.11 0.00	31.00 -0.06 0.00	28.61 -0.13 0.00	27.94 -0.17 0.00	27.47 -0.16 0.00	31.27 -0.14 0.00	31.92 -0.12 0.00	30.80 -0.08 0.00	29.68 -0.16 0.00	31.97 -0.22 0.00	30.84 -0.20 0.00	32.84 -0.18 0.00	31.62 -0.25 0.00	32.97 -0.28 0.00	37.52 -0.32 0.00	41.91 -0.46 0.00	45.22 -0.37 0.00	37.04 -0.30 0.00	37.22 -0.25 0.00	36.57 -0.34 0.00	31.97 -0.41 0.00	32.40 -0.46 0.00	30.15 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	31.14 -0.14 0.00	30.02 -0.12 0.00	30.99 -0.07 0.00	28.60 -0.14 0.00	27.93 -0.17 0.00	27.47 -0.16 0.00	31.27 -0.14 0.00	31.92 -0.12 0.00	30.79 -0.09 0.00	29.68 -0.16 0.00	31.97 -0.22 0.00	30.84 -0.20 0.00	32.84 -0.18 0.00	31.63 -0.25 0.00	32.97 -0.28 0.00	37.53 -0.31 0.00	41.93 -0.44 0.00	45.23 -0.36 0.00	37.05 -0.29 0.00	37.23 -0.24 0.00	36.58 -0.33 0.00	31.98 -0.39 0.00	32.42 -0.44 0.00	30.16 -0.37 0.00
ST_LAW_230_BK6_LBMP 345036	31.14 -0.14 0.00	30.02 -0.12 0.00	30.99 -0.07 0.00	28.60 -0.14 0.00	27.93 -0.17 0.00	27.47 -0.16 0.00	31.27 -0.14 0.00	31.92 -0.12 0.00	30.79 -0.09 0.00	29.68 -0.16 0.00	31.97 -0.22 0.00	30.84 -0.20 0.00	32.84 -0.18 0.00	31.63 -0.25 0.00	32.97 -0.28 0.00	37.53 -0.31 0.00	41.93 -0.44 0.00	45.23 -0.36 0.00	37.05 -0.29 0.00	37.23 -0.24 0.00	36.58 -0.33 0.00	31.98 -0.39 0.00	32.42 -0.44 0.00	30.16 -0.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.65 1.37 0.00	31.39 1.25 0.00	32.29 1.23 0.00	29.96 1.22 0.00	29.38 1.27 0.00	28.86 1.23 0.00	32.92 1.51 0.00	33.59 1.55 0.00	32.34 1.46 0.00	31.27 1.43 0.00	33.79 1.60 0.00	32.55 1.51 0.00	34.62 1.60 0.00	33.49 1.61 0.00	34.94 1.70 0.00	39.86 2.02 0.00	44.77 2.40 0.00	48.14 2.56 0.00	39.36 2.02 0.00	39.37 1.90 0.00	38.83 1.92 0.00	34.09 1.71 0.00	34.58 1.71 0.00	31.97 1.45 0.00
SWANROAD_115KV_TB1 355699	29.00 -2.28 0.00	27.90 -2.24 0.00	28.72 -2.34 0.00	26.27 -2.47 0.00	25.59 -2.52 0.00	25.16 -2.47 0.00	27.95 -3.35 0.11	28.62 -3.15 0.26	28.03 -2.84 0.00	26.19 -2.59 1.06	23.07 -2.55 6.57	25.90 -2.63 2.51	28.19 -2.90 1.93	28.72 -2.88 0.28	30.05 -2.97 0.23	34.40 -3.35 0.09	34.89 -3.66 3.82	41.75 -3.84 0.00	34.40 -2.94 0.00	34.38 -2.81 0.28	34.49 -2.42 0.00	30.09 -2.29 0.00	31.01 -1.86 0.00	28.71 -1.81 0.00
SYNERGY___BIOGAS 323694	30.38 -0.90 0.00	29.21 -0.94 0.00	30.06 -1.00 0.00	27.55 -1.19 0.00	26.88 -1.22 0.00	26.48 -1.15 0.00	29.68 -1.65 0.08	30.44 -1.42 0.18	29.69 -1.19 0.00	28.06 -1.05 0.73	26.50 -1.17 4.52	28.07 -1.25 1.73	30.35 -1.35 1.33	30.42 -1.26 0.19	31.85 -1.24 0.16	36.47 -1.31 0.07	38.51 -1.22 2.63	44.48 -1.11 0.00	36.56 -0.78 0.00	36.58 -0.70 0.19	36.49 -0.42 0.00	31.78 -0.59 0.00	32.58 -0.28 0.00	30.16 -0.37 0.00
SYRACUSE___ENERGY_ST1 323597	30.90 -0.38 0.00	29.77 -0.38 0.00	30.67 -0.39 0.00	28.39 -0.36 0.00	27.73 -0.38 0.00	27.30 -0.33 0.00	30.94 -0.47 0.00	31.53 -0.50 0.00	30.41 -0.46 0.00	29.44 -0.41 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.50 0.00	31.46 -0.41 0.00	32.82 -0.43 0.00	37.36 -0.48 0.00	41.88 -0.49 0.00	45.11 -0.48 0.00	36.95 -0.39 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.52 -0.35 0.00	30.22 -0.31 0.00
SYRACUSE___ENERGY_ST2 323598	30.90 -0.38 0.00	29.77 -0.38 0.00	30.67 -0.39 0.00	28.39 -0.36 0.00	27.73 -0.38 0.00	27.30 -0.33 0.00	30.94 -0.47 0.00	31.53 -0.50 0.00	30.41 -0.46 0.00	29.44 -0.41 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.50 0.00	31.46 -0.41 0.00	32.82 -0.43 0.00	37.36 -0.48 0.00	41.88 -0.49 0.00	45.11 -0.48 0.00	36.95 -0.39 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.52 -0.35 0.00	30.22 -0.31 0.00
SYRACUSE___POWER 24017	30.88 -0.40 0.00	29.76 -0.39 0.00	30.64 -0.42 0.00	28.36 -0.39 0.00	27.72 -0.39 0.00	27.28 -0.35 0.00	30.92 -0.49 0.00	31.53 -0.51 0.00	30.41 -0.47 0.00	29.44 -0.40 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.49 0.00	31.45 -0.43 0.00	32.81 -0.43 0.00	37.36 -0.48 0.00	41.90 -0.47 0.00	45.12 -0.47 0.00	36.96 -0.38 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.53 -0.34 0.00	30.22 -0.31 0.00
TALLMAN__138KV_BK151 55660	32.80 1.52 0.00	31.53 1.39 0.00	32.43 1.37 0.00	30.08 1.34 0.00	29.51 1.40 0.00	28.98 1.35 0.00	33.08 1.67 0.00	33.77 1.73 0.00	32.50 1.62 0.00	31.43 1.59 0.00	33.99 1.80 0.00	32.73 1.69 0.00	34.82 1.80 0.00	33.70 1.82 0.00	35.16 1.92 0.00	40.10 2.26 0.00	45.05 2.68 0.00	48.46 2.87 0.00	39.61 2.27 0.00	39.58 2.12 0.00	39.05 2.14 0.00	34.26 1.89 0.00	34.76 1.90 0.00	32.11 1.58 0.00
TEALLAVE_115KV_TB7 355573	30.76 -0.52 0.00	29.64 -0.50 0.00	30.53 -0.54 0.00	28.24 -0.50 0.00	27.60 -0.50 0.00	27.17 -0.46 0.00	30.77 -0.64 0.00	31.37 -0.66 0.00	30.26 -0.62 0.00	29.30 -0.54 0.00	31.61 -0.58 0.00	30.48 -0.56 0.00	32.39 -0.63 0.00	31.31 -0.57 0.00	32.66 -0.59 0.00	37.18 -0.67 0.00	41.68 -0.69 0.00	44.86 -0.73 0.00	36.74 -0.60 0.00	36.86 -0.61 0.00	36.33 -0.57 0.00	31.87 -0.50 0.00	32.37 -0.50 0.00	30.07 -0.45 0.00
TELGRAPH_34_KV_EAST 80808	29.67 -1.61 0.00	28.54 -1.61 0.00	29.37 -1.69 0.00	26.89 -1.85 0.00	26.21 -1.89 0.00	25.80 -1.83 0.00	28.82 -2.49 0.10	29.53 -2.29 0.22	28.86 -2.01 0.00	27.13 -1.81 0.90	24.80 -1.84 5.56	27.01 -1.91 2.12	29.28 -2.11 1.63	29.57 -2.06 0.24	30.95 -2.11 0.19	35.42 -2.34 0.08	36.67 -2.47 3.23	43.09 -2.50 0.00	35.46 -1.88 0.00	35.46 -1.78 0.24	35.47 -1.44 0.00	30.92 -1.46 0.00	31.80 -1.07 0.00	29.43 -1.10 0.00
TEMPLE___115KV_TB 2 55572	30.76 -0.52 0.00	29.64 -0.50 0.00	30.53 -0.53 0.00	28.25 -0.49 0.00	27.61 -0.49 0.00	27.18 -0.46 0.00	30.78 -0.63 0.00	31.38 -0.66 0.00	30.27 -0.61 0.00	29.31 -0.53 0.00	31.62 -0.58 0.00	30.49 -0.55 0.00	32.40 -0.62 0.00	31.31 -0.56 0.00	32.67 -0.58 0.00	37.18 -0.67 0.00	41.69 -0.69 0.00	44.86 -0.73 0.00	36.76 -0.58 0.00	36.87 -0.60 0.00	36.33 -0.57 0.00	31.88 -0.49 0.00	32.38 -0.49 0.00	30.07 -0.45 0.00
TIANA____69_KV_BK 1 55817	33.67 2.39 0.00	32.25 2.11 0.00	33.08 2.02 0.00	30.66 1.92 0.00	30.14 2.04 0.00	29.75 2.12 0.00	33.87 2.46 0.00	34.43 2.40 0.00	32.76 1.88 0.00	31.65 1.81 0.00	34.48 2.28 0.00	33.19 2.15 0.00	34.99 1.98 0.00	33.89 2.02 0.00	38.11 2.19 -2.68	40.85 3.01 0.00	46.36 3.99 0.00	50.06 4.47 0.00	44.85 3.45 -4.07	44.44 3.16 -3.82	43.57 2.97 -3.70	37.48 2.79 -2.32	36.54 2.68 -0.99	32.79 2.26 0.00

TILDEN___115KV_TB1 80814	30.88 -0.40 0.00	29.76 -0.39 0.00	30.64 -0.42 0.00	28.36 -0.39 0.00	27.72 -0.39 0.00	27.28 -0.35 0.00	30.92 -0.49 0.00	31.53 -0.51 0.00	30.41 -0.47 0.00	29.44 -0.40 0.00	31.75 -0.44 0.00	30.62 -0.42 0.00	32.53 -0.49 0.00	31.45 -0.43 0.00	32.81 -0.43 0.00	37.36 -0.48 0.00	41.90 -0.47 0.00	45.12 -0.47 0.00	36.96 -0.38 0.00	37.07 -0.40 0.00	36.52 -0.39 0.00	32.04 -0.34 0.00	32.53 -0.34 0.00	30.22 -0.31 0.00
TRIGEN___CC 323695	33.19 1.91 0.00	31.89 1.74 0.00	32.77 1.71 0.00	30.40 1.66 0.00	29.85 1.74 0.00	29.34 1.70 0.00	33.44 2.03 0.00	34.11 2.07 0.00	32.71 1.84 0.00	31.71 1.87 0.00	34.47 2.28 0.00	33.21 2.17 0.00	35.15 2.13 0.00	34.02 2.14 0.00	35.46 2.21 0.00	40.57 2.73 0.00	45.74 3.37 0.00	49.18 3.59 0.00	40.11 2.77 0.00	40.02 2.55 0.00	39.42 2.51 0.00	34.68 2.31 0.00	35.18 2.32 0.00	32.51 1.98 0.00
TRINITY___115KV__4 BK 55933	32.22 0.94 0.00	31.06 0.91 0.00	31.97 0.91 0.00	29.62 0.88 0.00	29.04 0.94 0.00	28.53 0.90 0.00	32.53 1.12 0.00	33.21 1.18 0.00	31.97 1.09 0.00	30.89 1.05 0.00	33.34 1.15 0.00	32.17 1.13 0.00	34.25 1.23 0.00	33.06 1.18 0.00	34.50 1.25 0.00	39.25 1.41 0.00	43.92 1.55 0.00	47.11 1.53 0.00	38.60 1.27 0.00	38.69 1.22 0.00	38.17 1.26 0.00	33.59 1.21 0.00	34.12 1.25 0.00	31.65 1.12 0.00
UNION___PROCESSING_DRP 323587	30.33 -0.95 0.00	29.18 -0.96 0.00	30.04 -1.02 0.00	27.63 -1.11 0.00	26.98 -1.13 0.00	26.55 -1.08 0.00	29.99 -1.42 0.00	30.75 -1.29 0.00	29.76 -1.11 0.00	28.86 -0.98 0.00	31.14 -1.06 0.00	29.98 -1.06 0.00	31.89 -1.13 0.00	30.79 -1.08 0.00	32.16 -1.09 0.00	36.65 -1.19 0.00	41.14 -1.23 0.00	44.42 -1.17 0.00	36.47 -0.87 0.00	36.63 -0.84 0.00	36.26 -0.64 0.00	31.66 -0.71 0.00	32.35 -0.52 0.00	29.97 -0.56 0.00
UPPER HUDSON___HYD 24058	33.44 2.16 0.00	32.17 2.03 0.00	33.09 2.03 0.00	30.66 1.91 0.00	30.01 1.91 0.00	29.60 1.97 0.00	33.87 2.46 0.00	34.63 2.59 0.00	33.35 2.47 0.00	32.20 2.36 0.00	34.86 2.67 0.00	33.55 2.52 0.00	35.83 2.81 0.00	34.49 2.62 0.00	36.07 2.82 0.00	40.99 3.15 0.00	45.90 3.53 0.00	49.33 3.75 0.00	40.36 3.02 0.00	40.47 3.00 0.00	39.92 3.01 0.00	35.01 2.64 0.00	35.56 2.69 0.00	32.98 2.45 0.00
UPPER RAQUET___HYD 24056	31.07 -0.21 0.00	30.12 -0.03 0.00	31.18 0.12 0.00	28.83 0.09 0.00	28.05 -0.06 0.00	27.48 -0.15 0.00	31.27 -0.14 0.00	31.99 -0.04 0.00	30.86 -0.02 0.00	29.70 -0.14 0.00	32.01 -0.18 0.00	30.82 -0.22 0.00	32.80 -0.22 0.00	31.61 -0.27 0.00	32.73 -0.52 0.00	37.13 -0.71 0.00	41.28 -1.10 0.00	44.57 -1.02 0.00	36.51 -0.83 0.00	36.71 -0.76 0.00	36.03 -0.88 0.00	31.54 -0.84 0.00	32.02 -0.85 0.00	29.91 -0.62 0.00
VALLEY44_115KV_TB2 355964	29.86 -1.41 0.00	28.72 -1.42 0.00	29.58 -1.48 0.00	27.19 -1.55 0.00	26.45 -1.66 0.00	26.13 -1.51 0.00	29.46 -1.90 0.05	30.19 -1.73 0.12	29.25 -1.63 0.00	27.93 -1.44 0.48	27.73 -1.51 2.96	28.39 -1.52 1.13	30.51 -1.64 0.87	30.15 -1.60 0.13	31.51 -1.63 0.10	35.96 -1.84 0.04	38.75 -1.90 1.72	43.61 -1.98 0.00	35.84 -1.49 0.00	35.90 -1.44 0.12	35.60 -1.31 0.00	31.02 -1.36 0.00	31.85 -1.02 0.00	29.64 -0.89 0.00
VALLEY___115KV_TB 1-4 80826	32.41 1.13 0.00	31.19 1.04 0.00	32.09 1.03 0.00	29.70 0.96 0.00	29.10 0.99 0.00	28.69 1.05 0.00	32.69 1.29 0.00	33.37 1.33 0.00	32.13 1.25 0.00	31.09 1.25 0.00	33.51 1.32 0.00	32.33 1.29 0.00	34.39 1.37 0.00	33.20 1.32 0.00	34.73 1.48 0.00	39.50 1.66 0.00	44.29 1.92 0.00	47.44 1.85 0.00	38.83 1.49 0.00	38.95 1.48 0.00	38.42 1.51 0.00	33.72 1.34 0.00	34.28 1.41 0.00	31.76 1.24 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.92 1.64 0.00	31.67 1.54 0.00	32.61 1.56 0.00	30.23 1.49 0.00	29.64 1.54 0.00	29.23 1.60 0.00	33.28 1.88 0.00	34.00 1.97 0.00	32.84 1.97 0.00	31.76 1.92 0.00	34.32 2.13 0.00	33.04 2.00 0.00	35.16 2.14 0.00	33.98 2.10 0.00	35.46 2.22 0.00	40.50 2.66 0.00	45.55 3.18 0.00	49.04 3.45 0.00	40.17 2.83 0.00	40.29 2.82 0.00	39.63 2.72 0.00	34.75 2.37 0.00	35.25 2.38 0.00	32.54 2.01 0.00
VISCHER___FERRY HYD 24020	32.55 1.27 0.00	31.34 1.20 0.00	32.26 1.20 0.00	29.87 1.13 0.00	29.28 1.17 0.00	28.79 1.15 0.00	32.88 1.47 0.00	33.55 1.52 0.00	32.31 1.43 0.00	31.18 1.34 0.00	33.68 1.49 0.00	32.48 1.44 0.00	34.63 1.62 0.00	33.42 1.54 0.00	34.89 1.64 0.00	39.68 1.84 0.00	44.40 2.03 0.00	47.66 2.07 0.00	39.02 1.68 0.00	39.11 1.64 0.00	38.56 1.65 0.00	33.90 1.52 0.00	34.44 1.57 0.00	31.95 1.43 0.00
V_A_10_SYNC_DSASP 323832	29.50 -1.78 0.00	28.39 -1.76 0.00	29.22 -1.85 0.00	26.80 -1.95 0.00	26.13 -1.98 0.00	25.70 -1.93 0.00	28.83 -2.50 0.08	29.52 -2.34 0.18	28.77 -2.11 0.00	27.19 -1.92 0.73	25.65 -2.03 4.52	27.31 -2.00 1.73	29.55 -2.15 1.33	29.58 -2.11 0.19	30.93 -2.16 0.16	35.35 -2.43 0.06	37.08 -2.66 2.63	42.86 -2.73 0.00	35.25 -2.08 0.00	35.27 -2.00 0.19	35.22 -1.69 0.00	30.73 -1.65 0.00	31.53 -1.33 0.00	29.23 -1.29 0.00
V_CMM_10_SYNC_DSASP 323787	31.32 0.04 0.00	30.20 0.05 0.00	31.17 0.11 0.00	28.76 0.02 0.00	28.08 -0.02 0.00	27.62 -0.02 0.00	31.43 0.02 0.00	32.10 0.06 0.00	30.96 0.08 0.00	29.85 0.01 0.00	32.15 -0.04 0.00	31.01 -0.03 0.00	33.02 0.00 0.00	31.81 -0.06 0.00	33.15 -0.10 0.00	37.74 -0.10 0.00	42.17 -0.20 0.00	45.49 -0.09 0.00	37.26 -0.08 0.00	37.44 -0.03 0.00	36.78 -0.13 0.00	32.15 -0.23 0.00	32.59 -0.28 0.00	30.31 -0.21 0.00
V_CMP_10_SYNC_DSASP 323788	31.43 0.14 0.00	30.27 0.13 0.00	31.38 0.32 0.00	28.97 0.23 0.00	28.20 0.09 0.00	27.82 0.19 0.00	31.82 0.41 0.00	32.43 0.40 0.00	31.28 0.40 0.00	30.06 0.22 0.00	32.28 0.09 0.00	31.11 0.07 0.00	33.15 0.13 0.00	31.81 -0.07 0.00	33.15 -0.09 0.00	37.70 -0.14 0.00	42.01 -0.36 0.00	45.29 -0.30 0.00	37.04 -0.30 0.00	37.21 -0.26 0.00	36.59 -0.32 0.00	32.00 -0.38 0.00	32.39 -0.47 0.00	30.16 -0.36 0.00
V_D_10_SYNC_DSASP 323841	31.51 0.24 0.00	30.41 0.27 0.00	31.40 0.34 0.00	28.98 0.23 0.00	28.28 0.17 0.00	27.80 0.17 0.00	31.63 0.22 0.00	32.32 0.28 0.00	31.18 0.30 0.00	30.05 0.21 0.00	32.37 0.18 0.00	31.21 0.17 0.00	33.23 0.21 0.00	32.02 0.14 0.00	33.34 0.09 0.00	37.93 0.09 0.00	42.33 -0.04 0.00	45.66 0.07 0.00	37.41 0.07 0.00	37.59 0.12 0.00	36.92 0.01 0.00	32.31 -0.07 0.00	32.74 -0.12 0.00	30.48 -0.04 0.00
V_E_10_SYNC_DSASP 323830	31.34 0.06 0.00	30.18 0.04 0.00	31.24 0.18 0.00	28.84 0.10 0.00	28.17 0.07 0.00	28.08 0.45 0.00	31.75 0.31 -0.04	32.53 0.40 -0.09	31.21 0.33 0.00	30.60 0.38 -0.38	34.91 0.37 -2.35	32.09 0.15 -0.90	33.80 0.10 -0.68	32.01 0.03 -0.10	33.33 0.00 -0.08	38.47 0.59 -0.03	44.99 1.26 -1.37	46.57 0.98 0.00	38.16 0.82 0.00	38.34 0.77 -0.10	37.56 0.65 0.00	32.97 0.59 0.00	33.73 0.87 0.00	31.08 0.55 0.00

V_F_30_NSYNC___DSASP 323816	33.04 1.76 0.00	31.80 1.66 0.00	32.72 1.66 0.00	30.30 1.56 0.00	29.67 1.57 0.00	29.22 1.59 0.00	33.40 1.99 0.00	34.09 2.05 0.00	32.82 1.95 0.00	31.67 1.83 0.00	34.26 2.07 0.00	33.00 1.96 0.00	35.20 2.19 0.00	33.97 2.09 0.00	35.50 2.25 0.00	40.39 2.55 0.00	45.22 2.85 0.00	48.59 3.01 0.00	39.75 2.41 0.00	39.85 2.38 0.00	39.28 2.38 0.00	34.49 2.11 0.00	35.01 2.15 0.00	32.46 1.94 0.00
V_F_30_SYNC_DSASP 323786	32.35 1.07 0.00	31.18 1.04 0.00	32.09 1.03 0.00	29.74 1.00 0.00	29.16 1.05 0.00	28.65 1.02 0.00	32.67 1.26 0.00	33.36 1.33 0.00	32.12 1.24 0.00	31.06 1.21 0.00	33.50 1.31 0.00	32.32 1.28 0.00	34.42 1.40 0.00	33.23 1.35 0.00	34.68 1.43 0.00	39.46 1.62 0.00	44.18 1.81 0.00	47.38 1.79 0.00	38.81 1.47 0.00	38.90 1.43 0.00	38.38 1.47 0.00	33.75 1.38 0.00	34.28 1.42 0.00	31.79 1.27 0.00
V_XM_10_SYNC_DSASP 323789	31.43 0.14 0.00	30.27 0.13 0.00	31.38 0.32 0.00	28.97 0.23 0.00	28.20 0.09 0.00	27.82 0.19 0.00	31.82 0.41 0.00	32.43 0.40 0.00	31.28 0.40 0.00	30.06 0.22 0.00	32.28 0.09 0.00	31.11 0.07 0.00	33.15 0.13 0.00	31.81 -0.07 0.00	33.15 -0.09 0.00	37.70 -0.14 0.00	42.01 -0.36 0.00	45.29 -0.30 0.00	37.04 -0.30 0.00	37.21 -0.26 0.00	36.59 -0.32 0.00	32.00 -0.38 0.00	32.39 -0.47 0.00	30.16 -0.36 0.00
W.BABYLN_69_KV_BK1 56697	33.69 2.41 0.00	32.32 2.17 0.00	33.20 2.14 0.00	30.78 2.05 0.00	30.24 2.14 0.00	29.73 2.10 0.00	33.89 2.48 0.00	34.54 2.50 0.00	33.05 2.18 0.00	32.01 2.17 0.00	34.86 2.67 0.00	33.56 2.52 0.00	35.42 2.40 0.00	34.28 2.40 0.00	36.51 2.56 -0.71	41.08 3.24 0.00	46.51 4.14 0.00	50.11 4.52 0.00	41.95 3.53 -1.08	41.77 3.29 -1.01	41.07 3.18 -0.98	35.89 2.90 -0.61	36.00 2.87 -0.26	32.98 2.45 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.95 1.67 0.00	31.68 1.55 0.00	32.59 1.53 0.00	30.22 1.48 0.00	29.65 1.54 0.00	29.12 1.49 0.00	33.25 1.84 0.00	33.96 1.92 0.00	32.68 1.80 0.00	31.60 1.76 0.00	34.19 1.99 0.00	32.92 1.88 0.00	35.02 2.00 0.00	33.89 2.02 0.00	35.37 2.13 0.00	40.33 2.49 0.00	45.32 2.95 0.00	48.75 3.16 0.00	39.85 2.51 0.00	39.82 2.35 0.00	39.28 2.37 0.00	34.47 2.09 0.00	34.96 2.10 0.00	32.28 1.75 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.10 1.82 0.00	31.86 1.72 0.00	32.76 1.70 0.00	30.39 1.64 0.00	29.84 1.74 0.00	29.30 1.66 0.00	33.46 2.05 0.00	34.18 2.14 0.00	32.89 2.01 0.00	31.80 1.96 0.00	34.43 2.24 0.00	33.18 2.14 0.00	35.29 2.26 0.00	34.13 2.25 0.00	35.59 2.34 0.00	40.57 2.73 0.00	45.61 3.24 0.00	49.05 3.46 0.00	40.08 2.74 0.00	40.01 2.54 0.00	39.47 2.56 0.00	34.65 2.27 0.00	35.14 2.28 0.00	32.41 1.89 0.00
W50THST__13_KV_LOAD 356117	33.20 1.92 0.00	31.96 1.82 0.00	32.86 1.80 0.00	30.48 1.74 0.00	29.93 1.82 0.00	29.39 1.76 0.00	33.58 2.17 0.00	34.30 2.27 0.00	33.01 2.14 0.00	31.93 2.08 0.00	34.57 2.38 0.00	33.31 2.27 0.00	35.43 2.41 0.00	34.27 2.39 0.00	35.74 2.49 0.00	40.74 2.89 0.00	45.80 3.43 0.00	49.24 3.65 0.00	40.23 2.89 0.00	40.16 2.69 0.00	39.61 2.70 0.00	34.77 2.40 0.00	35.27 2.40 0.00	32.52 1.99 0.00
WADING RIVER_IC_1 23522	33.60 2.32 0.00	32.20 2.06 0.00	33.05 1.99 0.00	30.64 1.89 0.00	30.11 2.01 0.00	29.67 2.04 0.00	33.79 2.39 0.00	34.39 2.36 0.00	32.74 1.86 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.02 2.00 0.00	33.90 2.03 0.00	38.12 2.18 -2.70	40.79 2.95 0.00	46.24 3.87 0.00	49.89 4.31 0.00	44.75 3.31 -4.10	44.35 3.03 -3.85	43.45 2.81 -3.73	37.41 2.70 -2.34	36.47 2.61 -1.00	32.74 2.21 0.00
WADING RIVER_IC_2 23547	33.60 2.32 0.00	32.20 2.06 0.00	33.05 1.99 0.00	30.64 1.89 0.00	30.11 2.01 0.00	29.67 2.04 0.00	33.79 2.39 0.00	34.39 2.36 0.00	32.74 1.86 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.02 2.00 0.00	33.90 2.03 0.00	38.12 2.18 -2.70	40.79 2.95 0.00	46.24 3.87 0.00	49.89 4.31 0.00	44.75 3.31 -4.10	44.35 3.03 -3.85	43.45 2.81 -3.73	37.41 2.70 -2.34	36.47 2.61 -1.00	32.74 2.21 0.00
WADING RIVER_IC_3 23601	33.60 2.32 0.00	32.20 2.06 0.00	33.05 1.99 0.00	30.64 1.89 0.00	30.11 2.01 0.00	29.67 2.04 0.00	33.79 2.39 0.00	34.39 2.36 0.00	32.74 1.86 0.00	31.65 1.81 0.00	34.49 2.30 0.00	33.20 2.16 0.00	35.02 2.00 0.00	33.90 2.03 0.00	38.12 2.18 -2.70	40.79 2.95 0.00	46.24 3.87 0.00	49.89 4.31 0.00	44.75 3.31 -4.10	44.35 3.03 -3.85	43.45 2.81 -3.73	37.41 2.70 -2.34	36.47 2.61 -1.00	32.74 2.21 0.00
WALDENNY_12_KV_BK2 80841	29.57 -1.71 0.00	28.45 -1.69 0.00	29.28 -1.79 0.00	26.82 -1.92 0.00	26.10 -2.01 0.00	25.71 -1.93 0.00	28.73 -2.54 0.14	29.37 -2.34 0.32	28.79 -2.08 0.00	26.64 -1.88 1.31	22.08 -1.97 8.14	25.95 -1.98 3.11	28.50 -2.13 2.39	29.43 -2.09 0.35	30.84 -2.12 0.28	35.36 -2.36 0.12	35.07 -2.57 4.74	43.01 -2.58 0.00	35.40 -1.93 0.00	35.30 -1.83 0.34	35.40 -1.50 0.00	30.86 -1.52 0.00	31.72 -1.15 0.00	29.39 -1.13 0.00
WALDEN___HYDRO 24148	32.82 1.54 0.00	31.56 1.42 0.00	32.46 1.40 0.00	30.11 1.37 0.00	29.52 1.42 0.00	29.01 1.37 0.00	33.09 1.68 0.00	33.78 1.74 0.00	32.52 1.64 0.00	31.41 1.58 0.00	33.99 1.80 0.00	32.76 1.72 0.00	34.81 1.79 0.00	33.66 1.78 0.00	35.14 1.89 0.00	40.08 2.24 0.00	45.04 2.67 0.00	48.45 2.87 0.00	39.62 2.28 0.00	39.62 2.15 0.00	39.09 2.18 0.00	34.31 1.93 0.00	34.79 1.93 0.00	32.16 1.63 0.00
WARRENSBURG____ 23737	33.44 2.16 0.00	32.17 2.03 0.00	33.09 2.03 0.00	30.65 1.91 0.00	30.01 1.90 0.00	29.60 1.97 0.00	33.87 2.46 0.00	34.63 2.59 0.00	33.35 2.47 0.00	32.20 2.36 0.00	34.86 2.67 0.00	33.55 2.52 0.00	35.83 2.81 0.00	34.49 2.62 0.00	36.07 2.82 0.00	40.99 3.15 0.00	45.90 3.53 0.00	49.34 3.75 0.00	40.36 3.02 0.00	40.47 3.00 0.00	39.92 3.01 0.00	35.02 2.64 0.00	35.56 2.69 0.00	32.98 2.45 0.00
WATERSIDE___6 8 9 23538	33.16 1.88 0.00	31.92 1.78 0.00	32.83 1.77 0.00	30.46 1.72 0.00	29.92 1.81 0.00	29.35 1.72 0.00	33.52 2.11 0.00	34.25 2.21 0.00	32.97 2.09 0.00	31.87 2.02 0.00	34.54 2.35 0.00	33.27 2.23 0.00	35.37 2.35 0.00	34.22 2.34 0.00	35.68 2.44 0.00	40.65 2.81 0.00	45.69 3.32 0.00	49.15 3.56 0.00	40.16 2.82 0.00	40.09 2.62 0.00	39.56 2.65 0.00	34.74 2.36 0.00	35.24 2.37 0.00	32.47 1.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.17 0.89 0.00	30.97 0.82 0.00	31.88 0.82 0.00	29.51 0.77 0.00	28.90 0.79 0.00	28.46 0.83 0.00	32.42 1.01 0.00	33.08 1.05 0.00	31.85 0.98 0.00	30.81 0.96 0.00	33.23 1.04 0.00	32.04 1.00 0.00	34.09 1.07 0.00	32.91 1.03 0.00	34.40 1.16 0.00	39.14 1.30 0.00	43.88 1.50 0.00	47.05 1.46 0.00	38.51 1.17 0.00	38.63 1.16 0.00	38.08 1.18 0.00	33.43 1.06 0.00	33.96 1.09 0.00	31.48 0.96 0.00

WDELAWARE___HYD 323627	32.40 1.12 0.00	31.15 1.00 0.00	32.04 0.98 0.00	29.71 0.97 0.00	29.15 1.04 0.00	28.66 1.03 0.00	32.70 1.29 0.00	33.39 1.36 0.00	32.15 1.28 0.00	31.04 1.19 0.00	33.62 1.43 0.00	32.35 1.31 0.00	34.19 1.17 0.00	32.31 0.44 0.00	33.73 0.48 0.00	38.59 0.74 0.00	43.46 1.09 0.00	46.78 1.19 0.00	38.23 0.90 0.00	38.26 0.79 0.00	37.83 0.92 0.00	33.96 1.58 0.00	34.42 1.56 0.00	31.79 1.27 0.00
WEST BABYLON___IC 23714	33.69 2.41 0.00	32.32 2.17 0.00	33.20 2.14 0.00	30.78 2.05 0.00	30.24 2.14 0.00	29.73 2.10 0.00	33.89 2.48 0.00	34.54 2.50 0.00	33.05 2.18 0.00	32.01 2.17 0.00	34.86 2.67 0.00	33.56 2.52 0.00	35.42 2.40 0.00	34.28 2.40 0.00	36.51 2.56 -0.71	41.08 3.24 0.00	46.51 4.14 0.00	50.11 4.52 0.00	41.95 3.53 -1.08	41.77 3.29 -1.01	41.07 3.18 -0.98	35.89 2.90 -0.61	36.00 2.87 -0.26	32.98 2.45 0.00
WEST CANADA___HYD 24049	31.40 0.12 0.00	30.26 0.12 0.00	31.18 0.13 0.00	28.88 0.14 0.00	28.25 0.14 0.00	27.77 0.14 0.00	31.54 0.13 0.00	32.17 0.13 0.00	31.00 0.12 0.00	29.99 0.15 0.00	32.36 0.16 0.00	31.20 0.15 0.00	33.19 0.17 0.00	32.04 0.17 0.00	33.43 0.18 0.00	38.05 0.21 0.00	42.58 0.21 0.00	45.77 0.18 0.00	37.49 0.15 0.00	37.62 0.15 0.00	37.08 0.18 0.00	32.54 0.16 0.00	33.06 0.20 0.00	30.70 0.18 0.00
WESTERN_NY_WIND 24143	30.33 -0.95 0.00	29.16 -0.98 0.00	30.00 -1.06 0.00	27.50 -1.24 0.00	26.83 -1.28 0.00	26.43 -1.20 0.00	29.62 -1.71 0.08	30.36 -1.48 0.19	29.63 -1.25 0.00	27.95 -1.11 0.78	26.12 -1.22 4.84	27.88 -1.31 1.85	30.19 -1.41 1.42	30.35 -1.32 0.21	31.77 -1.30 0.17	36.39 -1.39 0.07	38.23 -1.32 2.82	44.38 -1.21 0.00	36.49 -0.85 0.00	36.49 -0.77 0.21	36.41 -0.50 0.00	31.73 -0.65 0.00	32.53 -0.34 0.00	30.10 -0.42 0.00
WESTOVER___LESR 323668	30.88 -0.40 0.00	29.75 -0.40 0.00	30.62 -0.44 0.00	28.34 -0.41 0.00	27.65 -0.45 0.00	27.30 -0.33 0.00	30.99 -0.45 -0.03	31.66 -0.44 -0.07	30.47 -0.41 0.00	29.78 -0.34 -0.28	33.56 -0.37 -1.74	31.31 -0.39 -0.66	33.09 -0.44 -0.51	31.53 -0.42 -0.07	32.91 -0.39 -0.06	37.44 -0.42 -0.03	43.01 -0.37 -1.01	45.22 -0.37 0.00	37.03 -0.30 0.00	37.25 -0.29 -0.07	36.60 -0.30 0.00	32.09 -0.29 0.00	32.64 -0.23 0.00	30.30 -0.22 0.00
WETHRSFD_WT_PWR 323626	28.74 -2.55 0.00	27.70 -2.44 0.00	28.50 -2.56 0.00	26.15 -2.60 0.00	25.44 -2.67 0.00	25.08 -2.56 0.00	27.70 -3.19 0.52	27.77 -3.08 1.18	28.01 -2.86 0.00	22.30 -2.73 4.82	-0.57 -2.95 29.80	16.66 -2.99 11.39	21.03 -3.24 8.75	27.50 -3.11 1.27	29.05 -3.16 1.04	33.93 -3.49 0.43	21.27 -3.76 17.35	41.76 -3.82 0.00	34.35 -2.99 0.00	33.34 -2.87 1.26	34.31 -2.60 0.00	29.96 -2.42 0.00	30.76 -2.11 0.00	28.62 -1.90 0.00
WHAVSTOR_138KV_BK127 55557	32.79 1.51 0.00	31.53 1.39 0.00	32.43 1.37 0.00	30.08 1.34 0.00	29.51 1.40 0.00	28.98 1.34 0.00	33.07 1.66 0.00	33.75 1.72 0.00	32.48 1.61 0.00	31.41 1.57 0.00	33.98 1.79 0.00	32.72 1.68 0.00	34.81 1.79 0.00	33.69 1.81 0.00	35.14 1.89 0.00	40.07 2.23 0.00	45.02 2.65 0.00	48.41 2.82 0.00	39.57 2.24 0.00	39.56 2.09 0.00	39.02 2.11 0.00	34.25 1.88 0.00	34.76 1.89 0.00	32.11 1.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.79 1.51 0.00	31.53 1.39 0.00	32.43 1.37 0.00	30.08 1.34 0.00	29.51 1.40 0.00	28.98 1.34 0.00	33.07 1.66 0.00	33.75 1.72 0.00	32.48 1.61 0.00	31.41 1.57 0.00	33.98 1.79 0.00	32.72 1.68 0.00	34.81 1.79 0.00	33.69 1.81 0.00	35.14 1.89 0.00	40.07 2.23 0.00	45.02 2.65 0.00	48.41 2.82 0.00	39.57 2.24 0.00	39.56 2.09 0.00	39.02 2.11 0.00	34.25 1.88 0.00	34.76 1.89 0.00	32.11 1.58 0.00
WHITEHAL_115KV_TB1 80871	33.96 2.68 0.00	32.64 2.50 0.00	33.54 2.48 0.00	31.08 2.34 0.00	30.38 2.28 0.00	30.14 2.51 0.00	34.62 3.21 0.00	35.40 3.36 0.00	33.97 3.09 0.00	32.73 2.89 0.00	35.60 3.40 0.00	34.27 3.23 0.00	36.82 3.80 0.00	35.45 3.57 0.00	37.13 3.88 0.00	42.00 4.15 0.00	46.92 4.55 0.00	50.34 4.75 0.00	41.18 3.84 0.00	41.31 3.85 0.00	40.59 3.68 0.00	35.66 3.28 0.00	36.21 3.34 0.00	33.64 3.11 0.00
WHITEPLN_13_KV_LOAD 356215	33.20 1.93 0.00	31.93 1.79 0.00	32.82 1.76 0.00	30.44 1.70 0.00	29.87 1.77 0.00	29.35 1.71 0.00	33.52 2.12 0.00	34.24 2.21 0.00	32.98 2.10 0.00	31.88 2.03 0.00	34.51 2.32 0.00	33.23 2.19 0.00	35.35 2.34 0.00	34.21 2.33 0.00	35.68 2.44 0.00	40.69 2.85 0.00	45.74 3.37 0.00	49.23 3.64 0.00	40.23 2.89 0.00	40.18 2.71 0.00	39.63 2.73 0.00	34.78 2.41 0.00	35.27 2.40 0.00	32.57 2.04 0.00
WM_FLOYD_69_KV_BK2 356380	33.59 2.31 0.00	32.20 2.05 0.00	33.05 1.99 0.00	30.64 1.90 0.00	30.12 2.01 0.00	29.66 2.02 0.00	33.78 2.38 0.00	34.40 2.36 0.00	32.74 1.87 0.00	31.67 1.83 0.00	34.52 2.32 0.00	33.21 2.17 0.00	35.02 2.00 0.00	33.91 2.04 0.00	37.99 2.18 -2.57	40.78 2.94 0.00	46.23 3.86 0.00	49.87 4.28 0.00	44.51 3.27 -3.91	44.13 3.00 -3.66	43.31 2.86 -3.55	37.27 2.67 -2.22	36.41 2.60 -0.95	32.73 2.21 0.00
WOODARD___115KV_TB2 355635	30.73 -0.55 0.00	29.61 -0.53 0.00	30.50 -0.56 0.00	28.23 -0.52 0.00	27.59 -0.52 0.00	27.15 -0.48 0.00	30.75 -0.66 0.00	31.34 -0.69 0.00	30.23 -0.65 0.00	29.26 -0.57 0.00	31.57 -0.63 0.00	30.45 -0.59 0.00	32.36 -0.67 0.00	31.28 -0.60 0.00	32.62 -0.63 0.00	37.12 -0.72 0.00	41.61 -0.76 0.00	44.79 -0.80 0.00	36.70 -0.64 0.00	36.81 -0.66 0.00	36.28 -0.63 0.00	31.83 -0.55 0.00	32.32 -0.54 0.00	30.04 -0.49 0.00
WOODMERE_69_KV_BK1 55827	33.55 2.27 0.00	32.22 2.07 0.00	33.10 2.04 0.00	30.70 1.96 0.00	30.15 2.05 0.00	29.64 2.01 0.00	33.80 2.39 0.00	34.48 2.45 0.00	33.07 2.20 0.00	32.04 2.20 0.00	34.86 2.67 0.00	33.61 2.57 0.00	35.56 2.54 0.00	34.45 2.57 0.00	35.94 2.69 0.00	41.15 3.31 0.00	46.48 4.11 0.00	49.94 4.35 0.00	40.71 3.38 0.00	40.61 3.14 0.00	40.00 3.09 0.00	35.16 2.79 0.00	35.66 2.80 0.00	32.92 2.39 0.00
YORK___WARBASSE 23770	33.32 2.04 0.00	32.09 1.94 0.00	32.99 1.93 0.00	30.60 1.86 0.00	30.04 1.94 0.00	29.47 1.84 0.00	33.62 2.21 0.00	34.35 2.32 0.00	33.07 2.20 0.00	31.97 2.13 0.00	34.61 2.41 0.00	33.34 2.30 0.00	35.44 2.42 0.00	34.30 2.42 0.00	35.77 2.53 0.00	40.80 2.96 0.00	45.89 3.52 0.00	49.38 3.79 0.00	40.35 3.01 0.00	40.29 2.82 0.00	39.74 2.84 0.00	34.87 2.49 0.00	35.36 2.50 0.00	32.63 2.10 0.00