

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/29/2024

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	33.77	32.13	32.15	31.37	31.30	32.14	32.74	32.20	34.24	37.48	37.46	37.55	38.11	37.51	37.52	37.24	41.35	44.75	40.73	39.01	36.61	33.65	31.34	30.07
24138	1.64	1.44	1.32	1.24	1.23	1.24	1.35	1.59	1.78	1.95	1.92	2.02	2.09	2.12	2.26	2.31	2.67	3.04	2.77	2.62	2.46	2.20	1.77	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
74TH STREET_GT_1	33.74	32.10	32.12	31.34	31.24	32.10	32.71	32.17	34.28	37.52	37.49	37.52	38.14	37.58	37.55	37.28	41.39	44.79	40.73	39.05	36.68	33.74	31.52	30.38
24260	1.61	1.41	1.29	1.21	1.17	1.21	1.32	1.56	1.82	1.99	1.95	1.99	2.13	2.19	2.29	2.34	2.71	3.09	2.77	2.66	2.53	2.30	1.95	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.74	32.10	32.12	31.34	31.24	32.10	32.71	32.17	34.28	37.52	37.49	37.52	38.14	37.58	37.55	37.28	41.39	44.79	40.73	39.05	36.68	33.74	31.52	30.38
24261	1.61	1.41	1.29	1.21	1.17	1.21	1.32	1.56	1.82	1.99	1.95	1.99	2.13	2.19	2.29	2.34	2.71	3.09	2.77	2.66	2.53	2.30	1.95	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.22	31.60	31.72	30.98	30.91	31.79	32.43	31.65	33.73	36.95	36.92	36.98	37.50	36.87	36.74	36.51	40.54	43.87	39.82	38.10	35.76	32.83	31.31	30.21
24011	1.09	0.92	0.89	0.84	0.84	0.90	1.04	1.04	1.27	1.42	1.39	1.46	1.48	1.49	1.48	1.57	1.86	2.17	1.86	1.71	1.61	1.38	1.74	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.22	31.60	31.72	30.97	30.88	31.76	32.42	31.65	33.72	36.91	36.96	37.05	37.53	36.91	36.81	36.55	40.58	43.91	39.89	38.17	35.82	32.80	30.63	29.50
23798	1.09	0.92	0.89	0.84	0.81	0.86	1.03	1.04	1.26	1.38	1.42	1.53	1.51	1.52	1.55	1.61	1.90	2.21	1.93	1.78	1.67	1.35	1.06	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.22	31.60	31.72	30.98	30.91	31.79	32.43	31.65	33.73	36.95	36.92	36.98												

ALBANY___2 23572	33.06 0.93 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.92 0.78 0.00	30.82 0.75 0.00	31.67 0.77 0.00	32.24 0.85 0.00	31.47 0.86 0.00	33.47 1.01 0.00	36.59 1.07 0.00	36.25 0.71 0.00	36.24 0.71 0.00	36.81 0.79 0.00	36.23 0.85 0.00	36.11 0.85 0.00	35.88 0.94 0.00	39.69 1.01 0.00	42.87 1.17 0.00	38.98 1.02 0.00	37.41 1.02 0.00	35.18 1.02 0.00	32.49 1.04 0.00	30.52 0.95 0.00	29.55 0.97 0.00
ALBANY___3 23573	33.06 0.93 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.92 0.78 0.00	30.82 0.75 0.00	31.67 0.77 0.00	32.24 0.85 0.00	31.47 0.86 0.00	33.47 1.01 0.00	36.59 1.07 0.00	36.25 0.71 0.00	36.24 0.71 0.00	36.81 0.79 0.00	36.23 0.85 0.00	36.11 0.85 0.00	35.88 0.94 0.00	39.69 1.01 0.00	42.87 1.17 0.00	38.98 1.02 0.00	37.41 1.02 0.00	35.18 1.02 0.00	32.49 1.04 0.00	30.52 0.95 0.00	29.55 0.97 0.00
ALBANY___4 23574	33.06 0.93 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.92 0.78 0.00	30.82 0.75 0.00	31.67 0.77 0.00	32.24 0.85 0.00	31.47 0.86 0.00	33.47 1.01 0.00	36.59 1.07 0.00	36.25 0.71 0.00	36.24 0.71 0.00	36.81 0.79 0.00	36.23 0.85 0.00	36.11 0.85 0.00	35.88 0.94 0.00	39.69 1.01 0.00	42.87 1.17 0.00	38.98 1.02 0.00	37.41 1.02 0.00	35.18 1.02 0.00	32.49 1.04 0.00	30.52 0.95 0.00	29.55 0.97 0.00
ALBANY___LFGE 323615	33.25 1.12 0.00	31.70 1.01 0.00	31.84 1.02 0.00	31.10 0.96 0.00	31.03 0.96 0.00	31.86 0.96 0.00	32.42 1.03 0.00	31.68 1.07 0.00	33.66 1.20 0.00	36.84 1.32 0.00	36.53 0.99 0.00	36.59 1.06 0.00	37.10 1.08 0.00	36.48 1.10 0.00	36.42 1.16 0.00	36.16 1.22 0.00	40.00 1.32 0.00	43.25 1.54 0.00	39.32 1.36 0.00	37.70 1.31 0.00	35.42 1.26 0.00	32.64 1.19 0.00	30.60 1.03 0.00	29.61 1.03 0.00
ALCOA_PA_115KV_PL-6C 55860	32.71 0.58 0.00	31.27 0.58 0.00	31.47 0.65 0.00	30.73 0.60 0.00	30.70 0.63 0.00	31.55 0.65 0.00	31.92 0.53 0.00	31.10 0.49 0.00	32.98 0.52 0.00	36.10 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.52 0.50 0.00	35.88 0.50 0.00	35.72 0.46 0.00	35.25 0.31 0.00	39.00 0.31 0.00	41.95 0.25 0.00	38.15 0.19 0.00	36.54 0.15 0.00	34.25 0.10 0.00	31.48 0.03 0.00	29.63 0.06 0.00	28.75 0.17 0.00
ALCOA_RYNLDS___DRP 24188	32.71 0.58 0.00	31.27 0.58 0.00	31.47 0.65 0.00	30.73 0.60 0.00	30.70 0.63 0.00	31.55 0.65 0.00	31.92 0.53 0.00	31.10 0.49 0.00	32.98 0.52 0.00	36.10 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.52 0.50 0.00	35.88 0.50 0.00	35.72 0.46 0.00	35.25 0.31 0.00	39.00 0.31 0.00	41.95 0.25 0.00	38.15 0.19 0.00	36.54 0.15 0.00	34.25 0.10 0.00	31.48 0.03 0.00	29.63 0.06 0.00	28.75 0.17 0.00
ALCOA___DSASP 323711	32.71 0.58 0.00	31.27 0.58 0.00	31.47 0.65 0.00	30.73 0.60 0.00	30.70 0.63 0.00	31.55 0.65 0.00	31.92 0.53 0.00	31.10 0.49 0.00	32.98 0.52 0.00	36.09 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.52 0.50 0.00	35.88 0.50 0.00	35.72 0.46 0.00	35.25 0.31 0.00	38.99 0.31 0.00	41.96 0.25 0.00	38.15 0.19 0.00	36.54 0.15 0.00	34.25 0.10 0.00	31.45 0.00 0.00	29.63 0.06 0.00	28.76 0.17 0.00
ALLEGHENY___COGEN 23514	31.84 -0.29 0.00	30.44 -0.25 0.00	30.64 -0.18 0.00	29.98 -0.15 0.00	29.95 -0.12 0.00	30.81 -0.09 0.00	31.30 -0.09 0.00	30.12 -0.49 0.00	31.65 -0.81 0.00	34.64 -0.89 0.00	34.86 -0.68 0.00	34.25 -1.28 0.00	34.72 -1.30 0.00	34.01 -1.38 0.00	33.60 -1.66 0.00	33.71 -1.22 0.00	37.60 -1.08 0.00	40.37 -1.34 0.00	36.89 -1.06 0.00	35.59 -0.80 0.00	33.37 -0.78 0.00	30.76 -0.69 0.00	28.65 -0.92 0.00	27.90 -0.69 0.00
ALTAMONT_115KV_TB 2 55880	32.97 0.84 0.00	31.42 0.74 0.00	31.56 0.74 0.00	30.85 0.72 0.00	30.76 0.69 0.00	31.61 0.71 0.00	32.17 0.78 0.00	31.40 0.80 0.00	33.34 0.88 0.00	36.49 0.96 0.00	36.36 0.82 0.00	36.34 0.82 0.00	36.92 0.90 0.00	36.34 0.96 0.00	36.21 0.95 0.00	35.95 1.01 0.00	39.81 1.12 0.00	43.00 1.29 0.00	39.13 1.18 0.00	37.52 1.13 0.00	35.21 1.06 0.00	32.49 1.04 0.00	30.49 0.92 0.00	29.47 0.89 0.00
ALTONA_WT_PWR 323606	32.68 0.55 0.00	31.27 0.58 0.00	31.50 0.68 0.00	30.73 0.60 0.00	30.70 0.63 0.00	31.64 0.74 0.00	31.86 0.47 0.00	31.07 0.46 0.00	32.95 0.49 0.00	36.09 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.56 0.54 0.00	35.81 0.43 0.00	35.54 0.28 0.00	35.01 0.07 0.00	38.73 0.04 0.00	41.50 -0.21 0.00	37.69 -0.26 0.00	35.92 -0.47 0.00	33.64 -0.51 0.00	30.79 -0.66 0.00	28.95 -0.62 0.00	28.18 -0.40 0.00
AMERICAN_REF_FUEL 24010	29.11 -3.02 0.00	27.92 -2.76 0.00	28.08 -2.74 0.00	27.48 -2.65 0.00	27.45 -2.62 0.00	28.27 -2.63 0.00	28.63 -2.76 0.00	27.30 -3.31 0.00	28.66 -3.80 0.00	31.44 -4.08 0.00	31.95 -3.59 0.00	31.19 -4.34 0.00	31.77 -4.25 0.00	31.17 -4.21 0.00	30.68 -4.58 0.00	30.78 -4.16 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.94 -5.01 0.00	31.91 -4.48 0.00	30.09 -4.06 0.00	27.89 -3.55 0.00	25.99 -3.58 0.00	25.70 -2.89 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.27 -1.86 0.00	29.09 -1.60 0.00	29.40 -1.42 0.00	28.87 -1.26 0.00	28.89 -1.17 0.00	29.63 -1.27 0.00	29.85 -1.54 0.00	28.34 -2.26 0.00	29.54 -2.92 0.00	32.15 -3.38 0.00	32.52 -3.02 0.00	31.83 -3.70 0.00	32.20 -3.82 0.00	31.46 -3.93 0.00	30.99 -4.27 0.00	31.06 -3.88 0.00	34.28 -4.41 0.00	36.57 -5.13 0.00	33.55 -4.40 0.00	32.53 -3.86 0.00	30.60 -3.55 0.00	28.30 -3.14 0.00	26.35 -3.22 0.00	25.95 -2.63 0.00
ARTHUR KILL_GT_1 23520	45.54 1.90 -11.51	45.12 1.78 -12.66	45.03 1.63 -12.58	45.03 1.60 -13.30	45.03 1.56 -13.40	45.00 1.48 -12.62	45.00 1.54 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.59 2.02 -10.04	46.71 1.99 -9.18	47.52 2.10 -9.89	48.02 2.12 -9.88	48.02 2.19 -10.44	47.51 2.33 -9.93	47.51 2.41 -10.17	47.60 2.75 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.10 2.69 -9.02	47.58 2.56 -10.87	48.08 2.36 -14.28	47.37 1.92 -15.88	45.53 1.66 -15.29
ARTHUR_KILL_2 23512	45.44 1.80 -11.51	45.03 1.69 -12.66	44.94 1.54 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.94 1.48 -12.07	45.44 1.68 -13.15	46.60 1.78 -12.36	47.48 1.92 -10.04	46.60 1.88 -9.18	47.41 1.99 -9.89	47.95 2.05 -9.88	47.95 2.12 -10.44	47.41 2.22 -9.93	47.41 2.31 -10.17	47.48 2.63 -6.16	48.37 3.04 -3.62	47.99 2.81 -7.23	47.99 2.58 -9.02	47.48 2.46 -10.87	47.99 2.27 -14.28	47.28 1.83 -15.88	45.44 1.57 -15.29
ARTHUR_KILL_3 23513	44.94 1.29 -11.52	44.45 1.10 -12.66	44.39 0.99 -12.59	44.38 0.94 -13.31	44.38 0.90 -13.41	44.42 0.90 -12.63	44.45 0.97 -12.08	45.02 1.26 -13.16	46.22 1.39 -12.36	47.13 1.56 -10.04	46.22 1.49 -9.19	47.06 1.64 -9.90	47.56 1.66 -9.89	47.57 1.73 -10.45	47.06 1.87 -9.93	47.03 1.92 -10.17	47.10 2.24 -6.17	47.92 2.59 -3.63	47.54 2.35 -7.23	47.60 2.18 -9.02	47.11 2.08 -10.88	47.59 1.86 -14.28	46.90 1.45 -15.88	45.05 1.17 -15.29

ARTHUR_KILL_COGEN 323718	45.54 1.90 -11.51	45.12 1.78 -12.66	45.03 1.63 -12.58	45.03 1.60 -13.30	45.03 1.56 -13.40	45.00 1.48 -12.62	45.00 1.54 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.59 2.02 -10.04	46.71 1.99 -9.18	47.52 2.10 -9.89	48.02 2.12 -9.88	48.02 2.19 -10.44	47.51 2.33 -9.93	47.51 2.41 -10.17	47.60 2.75 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.10 2.69 -9.02	47.58 2.56 -10.87	48.08 2.36 -14.28	47.37 1.92 -15.88	45.53 1.66 -15.29
ASHOKAN____ 23654	34.67 2.54 0.00	32.96 2.27 0.00	33.01 2.19 0.00	32.27 2.14 0.00	32.17 2.10 0.00	33.06 2.16 0.00	33.59 2.20 0.00	32.81 2.21 0.00	34.96 2.50 0.00	38.05 2.52 0.00	37.81 2.28 0.00	37.73 2.20 0.00	38.33 2.31 0.00	37.76 2.37 0.00	37.91 2.65 0.00	37.77 2.83 0.00	42.01 3.33 0.00	45.67 3.96 0.00	41.41 3.45 0.00	39.63 3.24 0.00	37.09 2.94 0.00	34.18 2.73 0.00	31.82 2.25 0.00	30.61 2.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.70 1.57 0.00	32.25 1.56 0.00	32.21 1.39 0.00	31.43 1.29 0.00	31.33 1.26 0.00	31.98 1.08 0.00	32.51 1.13 0.01	32.07 1.47 0.01	33.98 1.53 0.01	37.15 1.64 0.01	37.13 1.60 0.01	37.22 1.71 0.01	37.78 1.76 0.01	37.18 1.80 0.01	37.19 1.94 0.01	36.96 2.03 0.01	41.00 2.32 0.01	44.37 2.67 0.01	40.41 2.47 0.01	38.68 2.29 0.01	36.36 2.22 0.01	33.45 2.01 0.01	31.13 1.57 0.01	29.84 1.26 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.70 1.57 0.00	32.25 1.56 0.00	32.21 1.39 0.00	31.43 1.29 0.00	31.33 1.26 0.00	31.98 1.08 0.00	32.51 1.13 0.01	32.07 1.47 0.01	33.98 1.53 0.01	37.15 1.64 0.01	37.13 1.60 0.01	37.22 1.71 0.01	37.78 1.76 0.01	37.18 1.80 0.01	37.19 1.94 0.01	36.96 2.03 0.01	41.00 2.32 0.01	44.37 2.67 0.01	40.41 2.47 0.01	38.68 2.29 0.01	36.36 2.22 0.01	33.45 2.01 0.01	31.13 1.57 0.01	29.84 1.26 0.00
ASTORIA_GT2_1 24094	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT2_2 24095	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT2_3 24096	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT2_4 24097	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT3_1 24098	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT3_2 24099	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT3_3 24100	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT3_4 24101	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT4_1 24102	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT4_2 24103	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT4_3 24104	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00

ASTORIA_GT4_4 24105	33.64 1.51 0.00	32.13 1.44 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.96 1.35 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.47 1.89 0.00
ASTORIA_GT_1 23523	33.77 1.64 0.00	32.31 1.63 0.00	32.27 1.45 0.00	31.49 1.36 0.00	31.36 1.29 0.00	32.04 1.14 0.00	32.57 1.19 0.01	32.13 1.53 0.01	34.04 1.59 0.01	37.22 1.71 0.01	37.20 1.67 0.01	37.30 1.78 0.01	37.85 1.84 0.01	37.29 1.91 0.01	37.30 2.04 0.01	37.06 2.13 0.01	41.08 2.40 0.01	44.45 2.75 0.01	40.49 2.54 0.01	38.78 2.40 0.01	36.43 2.29 0.01	33.52 2.08 0.01	31.19 1.63 0.01	29.90 1.32 0.00
ASTORIA_GT_10 24110	33.67 1.54 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.15 1.69 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.38 1.80 0.00
ASTORIA_GT_11 24225	33.67 1.54 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.15 1.69 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.38 1.80 0.00
ASTORIA_GT_12 24226	33.67 1.54 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.15 1.69 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.38 1.80 0.00
ASTORIA_GT_13 24227	33.67 1.54 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.15 1.69 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.38 1.80 0.00
ASTORIA_GT_5 24106	33.67 1.54 0.00	32.19 1.50 0.00	32.15 1.33 0.00	31.37 1.24 0.00	31.24 1.17 0.00	31.92 1.02 0.00	32.49 1.10 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.23 1.71 0.00	37.86 1.84 0.00	37.37 1.98 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.79 2.40 0.00	36.47 2.32 0.00	33.56 2.11 0.00	31.40 1.83 0.00	30.53 1.94 0.00
ASTORIA_GT_7 24107	33.67 1.54 0.00	32.19 1.50 0.00	32.15 1.33 0.00	31.37 1.24 0.00	31.24 1.17 0.00	31.92 1.02 0.00	32.49 1.10 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.23 1.71 0.00	37.86 1.84 0.00	37.37 1.98 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.79 2.40 0.00	36.47 2.32 0.00	33.56 2.11 0.00	31.40 1.83 0.00	30.53 1.94 0.00
ASTORIA_GT_8 24108	33.67 1.54 0.00	32.19 1.50 0.00	32.15 1.33 0.00	31.37 1.24 0.00	31.24 1.17 0.00	31.92 1.02 0.00	32.49 1.10 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.23 1.71 0.00	37.86 1.84 0.00	37.37 1.98 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.79 2.40 0.00	36.47 2.32 0.00	33.56 2.11 0.00	31.40 1.83 0.00	30.53 1.94 0.00
ASTORIA___2 24149	33.70 1.57 0.00	32.28 1.59 0.00	32.21 1.39 0.00	31.46 1.32 0.00	31.33 1.26 0.00	31.98 1.08 0.00	32.51 1.13 0.01	32.07 1.47 0.01	33.98 1.53 0.01	37.15 1.64 0.01	37.13 1.60 0.01	37.26 1.74 0.01	37.78 1.76 0.01	37.22 1.84 0.01	37.23 1.97 0.01	36.99 2.06 0.01	41.04 2.36 0.01	44.37 2.67 0.01	40.45 2.50 0.01	38.71 2.33 0.01	36.40 2.25 0.01	33.45 2.01 0.01	31.13 1.57 0.01	29.84 1.26 0.00
ASTORIA___3 23516	33.77 1.64 0.00	32.22 1.53 0.00	32.18 1.35 0.00	31.43 1.29 0.00	31.33 1.26 0.00	32.10 1.20 0.00	32.68 1.29 0.00	32.17 1.56 0.00	34.11 1.65 0.00	37.34 1.81 0.00	37.31 1.78 0.00	37.41 1.88 0.00	37.96 1.94 0.00	37.37 1.98 0.00	37.38 2.12 0.00	37.14 2.20 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.48 0.00	36.51 2.35 0.00	33.59 2.14 0.00	31.25 1.68 0.00	29.98 1.40 0.00
ASTORIA___4 23517	33.67 1.54 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.15 1.69 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.38 1.80 0.00
ASTORIA___5 23518	33.77 1.64 0.00	32.22 1.53 0.00	32.18 1.35 0.00	31.43 1.29 0.00	31.33 1.26 0.00	32.10 1.20 0.00	32.68 1.29 0.00	32.17 1.56 0.00	34.11 1.65 0.00	37.34 1.81 0.00	37.31 1.78 0.00	37.41 1.88 0.00	37.96 1.94 0.00	37.37 1.98 0.00	37.38 2.12 0.00	37.14 2.20 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.48 0.00	36.51 2.35 0.00	33.59 2.14 0.00	31.25 1.68 0.00	29.98 1.40 0.00
AST_ENERGY_2_CC3 323677	33.50 1.38 0.01	31.91 1.23 0.01	31.92 1.11 0.01	31.15 1.03 0.01	31.05 0.99 0.01	31.88 0.99 0.01	32.47 1.10 0.02	31.94 1.35 0.02	33.97 1.53 0.02	34.04 1.67 3.16	35.21 1.64 1.96	35.21 1.74 2.06	35.75 1.80 2.07	35.75 1.84 1.47	35.21 1.97 2.02	35.21 2.06 1.79	35.28 2.36 5.77	35.66 2.71 8.75	35.28 2.47 5.14	35.28 2.33 3.44	35.28 2.22 1.09	33.41 1.98 0.02	31.12 1.57 0.02	29.87 1.29 0.00
AST_ENERGY_2_CC4 323678	33.50 1.38 0.01	31.91 1.23 0.01	31.92 1.11 0.01	31.15 1.03 0.01	31.05 0.99 0.01	31.88 0.99 0.01	32.47 1.10 0.02	31.94 1.35 0.02	33.97 1.53 0.02	34.04 1.67 3.16	35.21 1.64 1.96	35.21 1.74 2.06	35.75 1.80 2.07	35.75 1.84 1.47	35.21 1.97 2.02	35.21 2.06 1.79	35.28 2.36 5.77	35.66 2.71 8.75	35.28 2.47 5.14	35.28 2.33 3.44	35.28 2.22 1.09	33.41 1.98 0.02	31.12 1.57 0.02	29.87 1.29 0.00

ATHENS_STG_1 23668	33.00 0.87 0.00	31.48 0.80 0.00	31.59 0.77 0.00	30.89 0.75 0.00	30.79 0.72 0.00	31.64 0.74 0.00	32.17 0.79 0.00	31.44 0.83 0.00	33.40 0.94 0.00	36.56 1.03 0.00	36.50 0.96 0.00	36.56 1.03 0.00	37.10 1.08 0.00	36.48 1.10 0.00	36.42 1.16 0.00	36.09 1.15 0.00	40.00 1.32 0.00	43.20 1.50 0.00	39.32 1.36 0.00	37.70 1.31 0.00	35.42 1.26 0.00	32.61 1.16 0.00	30.58 1.01 0.00	29.47 0.89 0.00
ATHENS_STG_2 23670	33.00 0.87 0.00	31.48 0.80 0.00	31.59 0.77 0.00	30.89 0.75 0.00	30.79 0.72 0.00	31.64 0.74 0.00	32.17 0.79 0.00	31.44 0.83 0.00	33.40 0.94 0.00	36.56 1.03 0.00	36.50 0.96 0.00	36.56 1.03 0.00	37.10 1.08 0.00	36.48 1.10 0.00	36.42 1.16 0.00	36.09 1.15 0.00	40.00 1.32 0.00	43.20 1.50 0.00	39.32 1.36 0.00	37.70 1.31 0.00	35.42 1.26 0.00	32.61 1.16 0.00	30.58 1.01 0.00	29.47 0.89 0.00
ATHENS_STG_3 23677	33.00 0.87 0.00	31.48 0.80 0.00	31.59 0.77 0.00	30.89 0.75 0.00	30.79 0.72 0.00	31.64 0.74 0.00	32.17 0.79 0.00	31.44 0.83 0.00	33.40 0.94 0.00	36.56 1.03 0.00	36.50 0.96 0.00	36.56 1.03 0.00	37.10 1.08 0.00	36.48 1.10 0.00	36.42 1.16 0.00	36.09 1.15 0.00	40.00 1.32 0.00	43.20 1.50 0.00	39.32 1.36 0.00	37.70 1.31 0.00	35.42 1.26 0.00	32.61 1.16 0.00	30.58 1.01 0.00	29.47 0.89 0.00
AUBURN___LFGE 323710	31.58 -0.55 0.00	30.19 -0.49 0.00	30.30 -0.52 0.00	29.65 -0.48 0.00	29.58 -0.48 0.00	30.40 -0.49 0.00	30.95 -0.44 0.00	30.09 -0.52 0.00	31.88 -0.58 0.00	34.92 -0.60 0.00	35.15 -0.39 0.00	35.10 -0.43 0.00	35.51 -0.50 0.00	34.78 -0.60 0.00	34.73 -0.53 0.00	34.41 -0.52 0.00	38.11 -0.58 0.00	41.04 -0.67 0.00	37.42 -0.53 0.00	35.92 -0.47 0.00	33.67 -0.48 0.00	31.01 -0.44 0.00	29.13 -0.44 0.00	28.10 -0.49 0.00
BABYLON_RES_REC 323704	34.19 2.06 0.00	32.49 1.81 0.00	32.27 1.45 0.00	31.46 1.32 0.00	31.33 1.26 0.00	32.20 1.30 0.00	32.93 1.54 0.00	32.69 2.08 0.00	34.86 2.40 0.00	38.16 2.63 0.00	38.31 2.77 0.00	38.38 2.84 0.00	39.84 2.92 0.00	41.29 2.94 0.00	40.03 3.10 -1.67	44.87 3.18 -6.75	48.13 3.60 -5.85	49.11 4.04 -3.36	47.67 3.68 -6.04	45.75 3.49 -5.86	40.16 3.31 -2.69	35.20 3.05 -0.70	32.02 2.45 0.00	30.47 1.89 0.00
BABYLON__69_KV_BK2 356345	34.57 2.44 0.00	32.80 2.12 0.00	32.55 1.73 0.00	31.73 1.60 0.00	31.60 1.53 0.00	32.54 1.64 0.00	33.27 1.88 0.00	33.03 2.42 0.00	35.28 2.82 0.00	38.62 3.09 0.00	38.81 3.27 0.00	38.84 3.30 -0.01	40.33 3.42 -0.89	41.76 3.47 -2.91	40.53 3.63 -1.63	45.27 3.70 -6.63	48.64 4.22 -5.74	49.71 4.71 -3.30	48.13 4.25 -5.93	46.19 4.04 -5.76	40.61 3.82 -2.64	35.65 3.52 -0.68	32.65 3.08 0.00	31.16 2.57 0.00
BALL_HILL_WT_PWR 323825	30.20 -1.93 0.00	28.97 -1.72 0.00	29.19 -1.63 0.00	28.60 -1.54 0.00	28.59 -1.47 0.00	29.39 -1.51 0.00	29.73 -1.66 0.00	28.34 -2.26 0.00	29.70 -2.76 0.00	32.47 -3.06 0.00	32.95 -2.59 0.00	32.22 -3.30 0.00	32.71 -3.31 0.00	32.02 -3.36 0.00	31.56 -3.70 0.00	31.65 -3.29 0.00	34.90 -3.79 0.00	37.16 -4.54 0.00	34.05 -3.91 0.00	32.97 -3.42 0.00	31.04 -3.11 0.00	28.74 -2.70 0.00	26.76 -2.81 0.00	26.35 -2.23 0.00
BARON_WINDS___WT_PWR 323822	30.91 -1.22 0.00	29.58 -1.10 0.00	29.81 -1.02 0.00	29.20 -0.93 0.00	29.16 -0.90 0.00	29.97 -0.93 0.00	30.38 -1.01 0.00	29.20 -1.41 0.00	30.64 -1.82 0.00	33.43 -2.10 0.00	33.69 -1.85 0.00	33.15 -2.38 0.00	33.53 -2.48 0.00	32.84 -2.55 0.00	32.47 -2.79 0.00	32.39 -2.55 0.00	35.82 -2.86 0.00	38.45 -3.25 0.00	35.11 -2.85 0.00	33.84 -2.55 0.00	31.86 -2.29 0.00	29.40 -2.04 0.00	27.44 -2.13 0.00	26.78 -1.80 0.00
BARRETT_IC_1 23704	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_10 23701	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_11 23702	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_12 23703	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_2 23705	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_3 23706	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_4 23707	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00

BARRETT_IC_5 23708	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_6 23709	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_7 23710	33.83 1.70 0.00	32.10 1.41 0.00	31.96 1.14 0.00	31.16 1.02 0.00	31.03 0.96 0.00	31.95 1.05 0.00	32.61 1.22 0.00	32.29 1.68 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.35 0.00	37.88 2.34 -0.01	39.23 2.38 -0.84	40.54 2.41 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.04 2.85 -5.23	44.24 2.77 -5.08	39.38 2.73 -2.49	34.61 2.52 -0.65	31.85 2.28 0.00	30.47 1.89 0.00
BARRETT_IC_8 23711	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT_IC_9 23700	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT___1 23545	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BARRETT___2 23546	33.86 1.73 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.88 2.34 0.00	37.92 2.38 -0.01	39.23 2.38 -0.84	40.47 2.33 -2.75	39.31 2.50 -1.55	43.31 2.52 -5.86	46.54 2.79 -5.07	47.75 3.13 -2.91	46.07 2.88 -5.23	44.24 2.76 -5.08	39.31 2.67 -2.49	34.58 2.48 -0.65	31.64 2.07 0.00	30.15 1.57 0.00
BATAVIA__115KV_TB1 55881	30.46 -1.67 0.00	29.33 -1.35 0.00	29.31 -1.51 0.00	28.69 -1.45 0.00	28.74 -1.32 0.00	29.51 -1.39 0.00	29.98 -1.41 0.00	28.68 -1.93 0.00	30.09 -2.37 0.00	33.15 -2.38 0.00	33.65 -1.88 0.00	33.61 -1.92 0.00	33.50 -2.52 0.00	32.63 -2.76 0.00	32.83 -2.43 0.00	32.53 -2.41 0.00	35.90 -2.79 0.00	38.16 -3.54 0.00	35.00 -2.96 0.00	33.81 -2.58 0.00	31.76 -2.39 0.00	29.31 -2.14 0.00	27.80 -1.77 0.00	26.75 -1.83 0.00
BAYONEEC___CTG1 323682	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG10 323750	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG2 323683	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG3 323684	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG4 323685	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG5 323686	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG6 323687	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00

BAYONEEC___CTG7 323688	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG8 323689	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BAYONEEC___CTG9 323749	33.58 1.45 0.00	31.97 1.29 0.00	31.96 1.14 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.34 1.81 0.00	37.89 1.87 0.00	37.30 1.91 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.90 1.32 0.00
BEACON___LESR 323632	33.51 1.38 0.00	31.94 1.26 0.00	32.09 1.26 0.00	31.34 1.21 0.00	31.27 1.20 0.00	32.14 1.24 0.00	32.74 1.35 0.00	31.95 1.35 0.00	33.95 1.49 0.00	37.16 1.64 0.00	36.89 1.35 0.00	36.91 1.38 0.00	37.42 1.40 0.00	36.80 1.42 0.00	36.78 1.52 0.00	36.51 1.57 0.00	40.39 1.70 0.00	43.67 1.96 0.00	39.70 1.75 0.00	38.07 1.67 0.00	35.76 1.61 0.00	32.93 1.48 0.00	30.84 1.27 0.00	29.84 1.26 0.00
BEAVER RIVER___HYD 24048	31.87 -0.26 0.00	30.44 -0.25 0.00	30.61 -0.21 0.00	29.98 -0.15 0.00	29.89 -0.18 0.00	30.71 -0.18 0.00	31.20 -0.19 0.00	30.46 -0.15 0.00	32.33 -0.13 0.00	35.42 -0.11 0.00	35.22 -0.32 0.00	35.21 -0.32 0.00	35.59 -0.43 0.00	34.89 -0.50 0.00	34.77 -0.49 0.00	34.41 -0.52 0.00	38.18 -0.50 0.00	41.21 -0.50 0.00	37.46 -0.49 0.00	35.92 -0.47 0.00	33.57 -0.58 0.00	30.82 -0.63 0.00	29.01 -0.56 0.00	28.04 -0.54 0.00
BEEBEE_GT_13 23619	30.59 -1.54 0.00	29.36 -1.32 0.00	29.37 -1.45 0.00	28.75 -1.39 0.00	28.74 -1.32 0.00	29.54 -1.36 0.00	30.01 -1.38 0.00	28.96 -1.65 0.00	30.51 -1.95 0.00	33.57 -1.95 0.00	33.94 -1.60 0.00	33.93 -1.60 0.00	34.04 -1.98 0.00	33.26 -2.12 0.00	33.32 -1.94 0.00	33.02 -1.92 0.00	36.48 -2.21 0.00	38.95 -2.75 0.00	35.60 -2.35 0.00	34.32 -2.07 0.00	32.20 -1.95 0.00	29.72 -1.73 0.00	28.09 -1.48 0.00	27.04 -1.54 0.00
BENSHRST_27_KV_BENSHRST_1 355998	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.91 1.44 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.78 -13.15	46.83 2.01 -12.36	47.77 2.20 -10.04	46.89 2.17 -9.18	47.66 2.24 -9.89	48.24 2.34 -9.88	48.27 2.44 -10.44	47.73 2.54 -9.93	47.69 2.59 -10.17	47.83 2.98 -6.16	48.71 3.38 -3.62	48.26 3.07 -7.23	48.32 2.91 -9.02	47.79 2.77 -10.87	48.27 2.55 -14.28	47.66 2.22 -15.88	45.98 2.12 -15.29
BETHLEHEM___GRP 23843	33.06 0.93 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.92 0.78 0.00	30.82 0.75 0.00	31.67 0.77 0.00	32.24 0.85 0.00	31.47 0.86 0.00	33.47 1.01 0.00	36.59 1.07 0.00	36.25 0.71 0.00	36.24 0.71 0.00	36.81 0.79 0.00	36.23 0.85 0.00	36.11 0.85 0.00	35.88 0.94 0.00	39.69 1.01 0.00	42.87 1.17 0.00	38.98 1.02 0.00	37.41 1.02 0.00	35.18 1.02 0.00	32.49 1.04 0.00	30.52 0.95 0.00	29.55 0.97 0.00
BETHLEHEM___GS1 323560	33.03 0.90 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.91 0.78 0.00	30.85 0.78 0.00	31.70 0.80 0.00	32.24 0.85 0.00	31.50 0.89 0.00	33.43 0.97 0.00	36.59 1.06 0.00	36.25 0.71 0.00	36.31 0.78 0.00	36.81 0.79 0.00	36.20 0.81 0.00	36.14 0.88 0.00	35.88 0.94 0.00	39.69 1.00 0.00	42.87 1.17 0.00	38.98 1.03 0.00	37.41 1.02 0.00	35.17 1.02 0.00	32.42 0.98 0.00	30.40 0.83 0.00	29.44 0.86 0.00
BETHLEHEM___GS2 323561	33.03 0.90 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.91 0.78 0.00	30.85 0.78 0.00	31.70 0.80 0.00	32.24 0.85 0.00	31.50 0.89 0.00	33.43 0.97 0.00	36.59 1.06 0.00	36.25 0.71 0.00	36.31 0.78 0.00	36.81 0.79 0.00	36.20 0.81 0.00	36.14 0.88 0.00	35.88 0.94 0.00	39.69 1.00 0.00	42.87 1.17 0.00	38.98 1.03 0.00	37.41 1.02 0.00	35.17 1.02 0.00	32.42 0.98 0.00	30.40 0.83 0.00	29.44 0.86 0.00
BETHLEHEM___GS3 323562	33.03 0.90 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.91 0.78 0.00	30.85 0.78 0.00	31.70 0.80 0.00	32.24 0.85 0.00	31.50 0.89 0.00	33.43 0.97 0.00	36.59 1.06 0.00	36.25 0.71 0.00	36.31 0.78 0.00	36.81 0.79 0.00	36.20 0.81 0.00	36.14 0.88 0.00	35.88 0.94 0.00	39.69 1.00 0.00	42.87 1.17 0.00	38.98 1.03 0.00	37.41 1.02 0.00	35.17 1.02 0.00	32.42 0.98 0.00	30.40 0.83 0.00	29.44 0.86 0.00
BETHLEHEM___STEEL 23779	30.17 -1.96 0.00	29.15 -1.53 0.00	29.13 -1.70 0.00	28.53 -1.60 0.00	28.59 -1.47 0.00	29.32 -1.58 0.00	29.76 -1.63 0.00	28.37 -2.23 0.00	29.70 -2.76 0.00	32.54 -2.98 0.00	33.05 -2.49 0.00	33.00 -2.52 0.00	32.85 -3.17 0.00	31.95 -3.43 0.00	32.12 -3.14 0.00	31.83 -3.11 0.00	35.01 -3.68 0.00	37.24 -4.46 0.00	34.16 -3.80 0.00	33.08 -3.31 0.00	31.11 -3.04 0.00	28.81 -2.64 0.00	27.35 -2.22 0.00	26.41 -2.17 0.00
BETHLHEM_115KV_TB1 79974	33.03 0.90 0.00	31.48 0.80 0.00	31.62 0.80 0.00	30.88 0.75 0.00	30.82 0.75 0.00	31.67 0.77 0.00	32.24 0.85 0.00	31.47 0.86 0.00	33.43 0.97 0.00	36.59 1.07 0.00	36.28 0.75 0.00	36.24 0.71 0.00	36.85 0.83 0.00	36.23 0.85 0.00	36.14 0.88 0.00	35.88 0.94 0.00	39.69 1.01 0.00	42.91 1.21 0.00	39.02 1.06 0.00	37.45 1.06 0.00	35.18 1.02 0.00	32.49 1.04 0.00	30.52 0.95 0.00	29.53 0.94 0.00
BETHPAGE_CC_5 323564	34.03 1.90 0.00	32.31 1.63 0.00	32.12 1.29 0.00	31.34 1.21 0.00	31.21 1.14 0.00	32.07 1.17 0.00	32.77 1.38 0.00	32.51 1.90 0.00	34.67 2.21 0.00	37.98 2.45 0.00	38.10 2.56 0.00	38.17 2.63 -0.01	39.68 2.70 -0.96	41.22 2.69 -3.15	39.85 2.82 -1.77	44.87 2.83 -7.10	48.01 3.17 -6.15	48.82 3.59 -3.53	47.57 3.26 -6.35	45.69 3.13 -6.17	40.04 3.04 -2.86	35.02 2.83 -0.74	31.91 2.34 0.00	30.38 1.80 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.27 -1.86 0.00	29.24 -1.44 0.00	29.22 -1.60 0.00	28.63 -1.51 0.00	28.71 -1.35 0.00	29.42 -1.48 0.00	29.88 -1.51 0.00	28.50 -2.11 0.00	29.83 -2.63 0.00	32.65 -2.88 0.00	33.19 -2.35 0.00	33.11 -2.42 0.00	32.96 -3.06 0.00	32.06 -3.33 0.00	32.23 -3.03 0.00	31.93 -3.00 0.00	35.17 -3.52 0.00	37.41 -4.30 0.00	34.31 -3.64 0.00	33.22 -3.17 0.00	31.25 -2.90 0.00	28.93 -2.52 0.00	27.47 -2.10 0.00	26.50 -2.09 0.00

BINGHAMTON___COGEN 23790	31.81 -0.32 0.00	30.41 -0.28 0.00	30.51 -0.31 0.00	29.86 -0.27 0.00	29.82 -0.24 0.00	30.62 -0.28 0.00	31.17 -0.22 0.00	30.27 -0.34 0.00	32.01 -0.45 0.00	35.07 -0.46 0.00	35.25 -0.28 0.00	35.21 -0.32 0.00	35.59 -0.43 0.00	34.89 -0.50 0.00	34.80 -0.46 0.00	34.52 -0.42 0.00	38.18 -0.50 0.00	41.12 -0.58 0.00	37.46 -0.49 0.00	35.99 -0.40 0.00	33.78 -0.38 0.00	31.13 -0.31 0.00	29.24 -0.33 0.00	28.24 -0.34 0.00
BIXINCNT_115KV_LOAD 355685	30.20 -1.93 0.00	29.12 -1.56 0.00	29.34 -1.48 0.00	28.69 -1.45 0.00	28.83 -1.23 0.00	29.48 -1.42 0.00	30.07 -1.32 0.00	28.71 -1.90 0.00	29.90 -2.56 0.00	32.72 -2.81 0.00	33.23 -2.31 0.00	33.08 -2.45 0.00	32.89 -3.13 0.00	31.71 -3.68 0.00	32.02 -3.24 0.00	31.58 -3.35 0.00	35.01 -3.68 0.00	37.45 -4.25 0.00	34.24 -3.72 0.00	33.26 -3.13 0.00	31.21 -2.94 0.00	28.71 -2.74 0.00	27.56 -2.01 0.00	26.44 -2.14 0.00
BLACK RIVER___HYD 24047	32.00 -0.13 0.00	30.50 -0.18 0.00	30.70 -0.12 0.00	30.04 -0.09 0.00	29.95 -0.12 0.00	30.78 -0.12 0.00	31.26 -0.13 0.00	30.52 -0.09 0.00	32.46 0.00 0.00	35.56 0.04 0.00	35.50 -0.04 0.00	35.46 -0.07 0.00	35.84 -0.18 0.00	35.14 -0.25 0.00	35.02 -0.25 0.00	34.73 -0.21 0.00	38.53 -0.15 0.00	41.62 -0.08 0.00	37.80 -0.15 0.00	36.28 -0.11 0.00	33.88 -0.27 0.00	31.13 -0.31 0.00	29.27 -0.30 0.00	28.27 -0.31 0.00
BLACKRVR_115KV_TB2 79977	32.00 -0.13 0.00	30.53 -0.15 0.00	30.70 -0.12 0.00	30.04 -0.09 0.00	29.94 -0.12 0.00	30.78 -0.12 0.00	31.30 -0.09 0.00	30.52 -0.09 0.00	32.46 0.00 0.00	35.56 0.04 0.00	35.50 -0.04 0.00	35.49 -0.04 0.00	35.84 -0.18 0.00	35.10 -0.28 0.00	35.05 -0.21 0.00	34.73 -0.21 0.00	38.53 -0.15 0.00	41.62 -0.08 0.00	37.80 -0.15 0.00	36.28 -0.11 0.00	33.88 -0.27 0.00	31.10 -0.35 0.00	29.22 -0.35 0.00	28.21 -0.37 0.00
BLISS_WT_PWR 323608	30.04 -2.09 0.00	28.78 -1.90 0.00	29.25 -1.57 0.00	28.56 -1.57 0.00	28.65 -1.41 0.00	29.32 -1.57 0.00	29.88 -1.51 0.00	28.56 -2.05 0.00	29.77 -2.69 0.00	32.58 -2.95 0.00	33.09 -2.45 0.00	32.37 -3.16 0.00	32.67 -3.35 0.00	31.63 -3.75 0.00	31.49 -3.77 0.00	31.30 -3.63 0.00	34.78 -3.91 0.00	37.24 -4.46 0.00	33.97 -3.98 0.00	33.08 -3.31 0.00	31.04 -3.11 0.00	28.49 -2.96 0.00	27.00 -2.57 0.00	26.29 -2.29 0.00
BLUESTONE___WT_PWR 323821	33.35 1.22 0.00	31.82 1.14 0.00	32.02 1.20 0.00	31.34 1.21 0.00	31.24 1.17 0.00	32.10 1.20 0.00	32.74 1.35 0.00	31.77 1.16 0.00	33.66 1.20 0.00	36.84 1.32 0.00	37.00 1.46 0.00	36.88 1.35 0.00	37.35 1.33 0.00	36.52 1.13 0.00	36.36 1.09 0.00	36.02 1.08 0.00	39.89 1.20 0.00	43.00 1.29 0.00	39.09 1.14 0.00	37.59 1.20 0.00	35.14 0.99 0.00	32.33 0.88 0.00	30.25 0.68 0.00	29.24 0.66 0.00
BLUE_CIRC_CHEM_DRP 24182	33.16 1.03 0.00	31.60 0.92 0.00	31.75 0.92 0.00	31.04 0.90 0.00	30.94 0.87 0.00	31.79 0.90 0.00	32.36 0.97 0.00	31.53 0.92 0.00	33.50 1.04 0.00	36.66 1.14 0.00	36.46 0.92 0.00	36.45 0.92 0.00	37.03 1.01 0.00	36.45 1.06 0.00	36.32 1.06 0.00	36.06 1.12 0.00	39.89 1.20 0.00	43.08 1.38 0.00	39.21 1.25 0.00	37.59 1.20 0.00	35.31 1.16 0.00	32.58 1.13 0.00	30.60 1.03 0.00	29.58 1.00 0.00
BOC_GAS_DRP 24189	32.90 0.77 0.00	31.36 0.68 0.00	31.50 0.68 0.00	30.79 0.66 0.00	30.70 0.63 0.00	31.55 0.65 0.00	32.08 0.69 0.00	31.31 0.70 0.00	33.27 0.81 0.00	36.42 0.89 0.00	36.25 0.71 0.00	36.24 0.71 0.00	36.85 0.83 0.00	36.23 0.85 0.00	36.11 0.85 0.00	35.85 0.91 0.00	39.69 1.01 0.00	42.87 1.17 0.00	38.98 1.02 0.00	37.41 1.02 0.00	35.11 0.96 0.00	32.39 0.94 0.00	30.40 0.83 0.00	29.38 0.80 0.00
BOONVILLE_115KV_TB1 79983	32.45 0.32 0.00	30.96 0.28 0.00	31.13 0.31 0.00	30.46 0.33 0.00	30.40 0.33 0.00	31.24 0.34 0.00	31.83 0.44 0.00	31.01 0.40 0.00	32.95 0.49 0.00	36.06 0.53 0.00	36.00 0.46 0.00	35.99 0.46 0.00	36.45 0.43 0.00	35.74 0.35 0.00	35.61 0.35 0.00	35.29 0.35 0.00	39.11 0.43 0.00	42.16 0.46 0.00	38.34 0.38 0.00	36.79 0.40 0.00	34.42 0.27 0.00	31.64 0.19 0.00	29.72 0.15 0.00	28.73 0.14 0.00
BORALEX_4TH_BRANCH 23824	33.90 1.77 0.00	32.31 1.63 0.00	32.42 1.60 0.00	31.67 1.54 0.00	31.57 1.50 0.00	32.44 1.54 0.00	33.05 1.66 0.00	32.32 1.71 0.00	34.34 1.88 0.00	37.62 2.10 0.00	37.49 1.95 0.00	37.52 1.99 0.00	38.11 2.09 0.00	37.47 2.09 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.16 2.48 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.83 2.44 0.00	36.44 2.29 0.00	33.59 2.14 0.00	31.52 1.95 0.00	30.41 1.83 0.00
BOWLINE___1 23526	33.42 1.29 0.00	31.82 1.14 0.00	31.87 1.05 0.00	31.12 0.99 0.00	31.03 0.96 0.00	31.89 0.99 0.00	32.42 1.03 0.00	31.86 1.26 0.00	33.85 1.39 0.00	37.05 1.53 0.00	37.03 1.49 0.00	37.09 1.56 0.00	37.64 1.62 0.00	37.05 1.66 0.00	37.06 1.80 0.00	36.79 1.85 0.00	40.81 2.13 0.00	44.16 2.46 0.00	40.19 2.24 0.00	38.50 2.11 0.00	36.17 2.01 0.00	33.27 1.82 0.00	30.99 1.42 0.00	29.75 1.17 0.00
BOWLINE___2 23595	33.42 1.29 0.00	31.82 1.14 0.00	31.87 1.05 0.00	31.12 0.99 0.00	31.03 0.96 0.00	31.89 0.99 0.00	32.42 1.03 0.00	31.86 1.26 0.00	33.85 1.39 0.00	37.05 1.53 0.00	37.03 1.49 0.00	37.09 1.56 0.00	37.64 1.62 0.00	37.05 1.66 0.00	37.06 1.80 0.00	36.79 1.85 0.00	40.81 2.13 0.00	44.16 2.46 0.00	40.19 2.24 0.00	38.50 2.11 0.00	36.17 2.01 0.00	33.27 1.82 0.00	30.99 1.42 0.00	29.78 1.20 0.00
BRADY___115KV_TB2 356060	32.90 0.77 0.00	31.45 0.77 0.00	31.65 0.83 0.00	30.92 0.78 0.00	30.88 0.81 0.00	31.70 0.80 0.00	32.11 0.72 0.00	31.31 0.70 0.00	33.21 0.75 0.00	36.34 0.82 0.00	36.39 0.85 0.00	36.38 0.85 0.00	36.74 0.72 0.00	36.09 0.71 0.00	35.90 0.63 0.00	35.43 0.49 0.00	39.27 0.58 0.00	42.25 0.54 0.00	38.41 0.46 0.00	36.75 0.36 0.00	34.42 0.27 0.00	31.61 0.16 0.00	29.78 0.21 0.00	28.90 0.31 0.00
BRANSCOMB___SOLAR 323811	33.38 1.25 0.00	31.79 1.10 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	31.80 1.19 0.00	33.82 1.36 0.00	37.02 1.49 0.00	37.00 1.46 0.00	37.05 1.53 0.00	37.57 1.55 0.00	36.94 1.56 0.00	36.85 1.59 0.00	36.58 1.64 0.00	40.58 1.90 0.00	43.87 2.17 0.00	39.89 1.93 0.00	38.21 1.82 0.00	35.86 1.71 0.00	32.93 1.48 0.00	30.81 1.24 0.00	29.70 1.11 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.48 2.35 0.00	32.74 2.06 0.00	32.49 1.66 0.00	31.67 1.54 0.00	31.54 1.47 0.00	32.47 1.58 0.00	33.21 1.82 0.00	33.00 2.39 0.00	35.25 2.79 0.00	38.55 3.02 0.00	38.74 3.20 0.00	38.73 3.20 -0.01	40.20 3.35 -0.83	41.52 3.40 -2.74	40.33 3.53 -1.54	44.84 3.60 -6.30	48.24 4.10 -5.45	49.47 4.63 -3.13	47.72 4.14 -5.63	45.79 3.93 -5.47	40.36 3.72 -2.48	35.52 3.43 -0.64	32.56 2.99 0.00	31.10 2.52 0.00



BRISTLHL_115KV_TB1 79998	31.01 -1.12 0.00	29.64 -1.04 0.00	29.74 -1.08 0.00	29.11 -1.02 0.00	29.04 -1.02 0.00	29.85 -1.05 0.00	30.32 -1.07 0.00	29.54 -1.07 0.00	31.29 -1.17 0.00	34.28 -1.24 0.00	34.40 -1.14 0.00	34.43 -1.10 0.00	34.83 -1.19 0.00	34.18 -1.20 0.00	34.10 -1.16 0.00	33.78 -1.15 0.00	37.37 -1.32 0.00	40.29 -1.42 0.00	36.70 -1.25 0.00	35.23 -1.16 0.00	33.02 -1.13 0.00	30.44 -1.01 0.00	28.65 -0.92 0.00	27.67 -0.91 0.00
BROOKHAVEN___DRP 24191	34.44 2.31 0.00	32.68 1.99 0.00	32.42 1.60 0.00	31.61 1.48 0.00	31.48 1.41 0.00	32.41 1.51 0.00	33.15 1.76 0.00	32.97 2.36 0.00	35.19 2.73 0.00	38.51 2.98 0.00	38.67 3.13 0.00	38.66 3.13 -0.01	40.08 3.24 -0.82	41.40 3.33 -2.69	40.27 3.49 -1.51	44.75 3.60 -6.21	48.17 4.10 -5.38	49.42 4.63 -3.09	47.61 4.10 -5.55	45.68 3.89 -5.39	40.25 3.65 -2.44	35.48 3.40 -0.63	32.50 2.93 0.00	31.04 2.46 0.00
BROOKLYN_NAVY_YARD 23515	33.54 1.41 0.00	31.91 1.23 0.00	31.93 1.11 0.00	31.16 1.03 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.49 1.10 0.00	32.02 1.41 0.00	34.02 1.56 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.30 1.78 0.00	37.85 1.84 0.00	37.26 1.87 0.00	37.31 2.04 0.00	37.03 2.10 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.49 2.04 0.00	31.17 1.60 0.00	29.87 1.29 0.00
BROOKLYN___ARMY_DRP 323595	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
BROOKVLE_69_KV_TB1 55790	33.99 1.86 0.00	32.28 1.60 0.00	32.18 1.36 0.00	31.40 1.27 0.00	31.27 1.20 0.00	32.20 1.30 0.00	32.83 1.44 0.00	32.41 1.81 0.00	34.60 2.14 0.00	37.91 2.38 0.00	37.99 2.45 0.00	37.99 2.45 -0.01	39.96 2.59 -1.35	42.46 2.65 -4.42	40.49 2.75 -2.48	47.33 2.76 -9.64	50.20 3.17 -8.34	50.04 3.54 -4.79	49.79 3.23 -8.61	47.81 3.06 -8.37	41.09 2.94 -4.01	35.19 2.70 -1.04	31.94 2.37 0.00	30.61 2.03 0.00
BROOME_2_LFGE 323671	31.81 -0.32 0.00	30.38 -0.31 0.00	30.51 -0.31 0.00	29.86 -0.27 0.00	29.79 -0.27 0.00	30.62 -0.28 0.00	31.14 -0.25 0.00	30.24 -0.37 0.00	32.01 -0.45 0.00	35.06 -0.46 0.00	35.25 -0.29 0.00	35.10 -0.42 0.00	35.59 -0.43 0.00	34.92 -0.46 0.00	34.77 -0.49 0.00	34.52 -0.42 0.00	38.18 -0.50 0.00	41.12 -0.58 0.00	37.46 -0.49 0.00	35.99 -0.40 0.00	33.78 -0.37 0.00	31.13 -0.31 0.00	29.16 -0.41 0.00	28.24 -0.34 0.00
BROOME___LFGE 323600	31.81 -0.32 0.00	30.38 -0.31 0.00	30.51 -0.31 0.00	29.86 -0.27 0.00	29.79 -0.27 0.00	30.62 -0.28 0.00	31.14 -0.25 0.00	30.24 -0.37 0.00	32.01 -0.45 0.00	35.06 -0.46 0.00	35.25 -0.29 0.00	35.10 -0.42 0.00	35.59 -0.43 0.00	34.92 -0.46 0.00	34.77 -0.49 0.00	34.52 -0.42 0.00	38.18 -0.50 0.00	41.12 -0.58 0.00	37.46 -0.49 0.00	35.99 -0.40 0.00	33.78 -0.37 0.00	31.13 -0.31 0.00	29.16 -0.41 0.00	28.24 -0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	31.87 -0.26 0.00	30.44 -0.25 0.00	30.64 -0.18 0.00	29.98 -0.15 0.00	29.88 -0.18 0.00	30.68 -0.22 0.00	31.11 -0.28 0.00	30.36 -0.24 0.00	32.23 -0.23 0.00	35.28 -0.25 0.00	35.18 -0.36 0.00	35.21 -0.32 0.00	35.51 -0.50 0.00	34.85 -0.53 0.00	34.70 -0.56 0.00	34.27 -0.66 0.00	37.99 -0.70 0.00	40.95 -0.75 0.00	37.20 -0.76 0.00	35.66 -0.73 0.00	33.37 -0.79 0.00	30.60 -0.85 0.00	28.86 -0.71 0.00	27.98 -0.60 0.00
BROWNSV1_27_KV_LOAD 356125	33.80 1.67 0.00	32.13 1.44 0.00	32.15 1.33 0.00	31.37 1.24 0.00	31.27 1.20 0.00	32.13 1.24 0.00	32.74 1.35 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.59 2.06 0.00	37.56 2.03 0.00	37.59 2.06 0.00	38.22 2.20 0.00	37.65 2.26 0.00	37.62 2.36 0.00	37.35 2.41 0.00	41.47 2.79 0.00	44.87 3.17 0.00	40.84 2.88 0.00	39.12 2.73 0.00	36.75 2.60 0.00	33.81 2.36 0.00	31.58 2.01 0.00	30.44 1.86 0.00
BURROWS___LYONSDAL 23803	32.32 0.19 0.00	30.84 0.15 0.00	31.01 0.18 0.00	30.37 0.24 0.00	30.28 0.21 0.00	31.12 0.22 0.00	31.67 0.28 0.00	30.88 0.28 0.00	32.82 0.36 0.00	35.92 0.39 0.00	35.79 0.25 0.00	35.78 0.25 0.00	36.20 0.18 0.00	35.49 0.11 0.00	35.40 0.14 0.00	35.04 0.10 0.00	38.84 0.15 0.00	41.91 0.21 0.00	38.11 0.15 0.00	36.57 0.18 0.00	34.22 0.07 0.00	31.42 -0.03 0.00	29.54 -0.03 0.00	28.53 -0.06 0.00
CAITHNESS_CC_1 323624	34.38 2.25 0.00	32.65 1.97 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.35 1.45 0.00	33.11 1.73 0.00	32.91 2.30 0.00	35.12 2.66 0.00	38.40 2.88 0.00	38.56 3.02 0.00	38.59 3.06 -0.01	40.01 3.17 -0.82	41.26 3.19 -2.69	40.16 3.39 -1.51	44.64 3.49 -6.21	48.01 3.95 -5.38	49.26 4.46 -3.09	47.49 3.98 -5.55	45.53 3.75 -5.39	40.11 3.52 -2.44	35.35 3.27 -0.63	32.14 2.57 0.00	30.58 2.00 0.00
CALPINE BETH_PAGE_GT4 24209	33.99 1.86 0.00	32.28 1.60 0.00	32.12 1.29 0.00	31.31 1.18 0.00	31.18 1.11 0.00	32.10 1.21 0.00	32.77 1.38 0.00	32.48 1.87 0.00	34.70 2.24 0.00	37.98 2.45 0.00	38.13 2.59 0.00	38.13 2.59 -0.01	39.78 2.74 -1.02	41.53 2.80 -3.35	39.93 2.79 -1.89	45.24 2.80 -7.51	48.36 3.17 -6.50	48.98 3.54 -3.73	47.89 3.23 -6.71	46.00 3.09 -6.52	40.16 2.97 -3.04	35.10 2.86 -0.79	32.11 2.54 0.00	30.70 2.12 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.03 1.90 0.00	32.34 1.66 0.00	32.15 1.32 0.00	31.37 1.24 0.00	31.24 1.17 0.00	32.10 1.20 0.00	32.80 1.41 0.00	32.54 1.93 0.00	34.70 2.24 0.00	38.01 2.49 0.00	38.13 2.59 0.00	38.20 2.67 -0.01	39.78 2.74 -1.02	41.46 2.72 -3.35	39.90 2.75 -1.89	45.24 2.80 -7.51	48.36 3.17 -6.50	48.98 3.54 -3.73	47.89 3.22 -6.71	46.00 3.09 -6.52	40.27 3.07 -3.04	35.07 2.83 -0.79	31.88 2.31 0.00	30.38 1.80 0.00
CALPINE_BP_GT1 23823	34.03 1.90 0.00	32.34 1.66 0.00	32.15 1.32 0.00	31.37 1.24 0.00	31.24 1.17 0.00	32.10 1.20 0.00	32.80 1.41 0.00	32.54 1.93 0.00	34.70 2.24 0.00	38.01 2.49 0.00	38.13 2.59 0.00	38.20 2.67 -0.01	39.78 2.74 -1.02	41.46 2.72 -3.35	39.90 2.75 -1.89	45.24 2.80 -7.51	48.36 3.17 -6.50	48.98 3.54 -3.73	47.89 3.22 -6.71	46.00 3.09 -6.52	40.27 3.07 -3.04	35.07 2.83 -0.79	31.88 2.31 0.00	30.38 1.80 0.00
CALSPAN___DRP 24200	30.17 -1.96 0.00	29.15 -1.53 0.00	29.13 -1.70 0.00	28.53 -1.60 0.00	28.59 -1.47 0.00	29.32 -1.58 0.00	29.76 -1.63 0.00	28.37 -2.23 0.00	29.70 -2.76 0.00	32.54 -2.98 0.00	33.05 -2.49 0.00	33.00 -2.52 0.00	32.85 -3.17 0.00	31.95 -3.43 0.00	32.12 -3.14 0.00	31.83 -3.11 0.00	35.01 -3.68 0.00	37.24 -4.46 0.00	34.16 -3.80 0.00	33.08 -3.31 0.00	31.11 -3.04 0.00	28.81 -2.64 0.00	27.35 -2.22 0.00	26.41 -2.17 0.00

CALVERTON___SOLAR 323806	34.57 2.44 0.00	32.80 2.12 0.00	32.55 1.72 0.00	31.73 1.60 0.00	31.63 1.56 0.00	32.50 1.61 0.00	33.27 1.88 0.00	33.09 2.48 0.00	35.28 2.82 0.00	38.62 3.09 0.00	38.74 3.20 0.00	38.80 3.27 -0.01	40.19 3.35 -0.82	41.44 3.36 -2.69	40.33 3.56 -1.51	44.85 3.70 -6.21	48.28 4.22 -5.38	49.55 4.75 -3.09	47.72 4.21 -5.55	45.79 4.00 -5.39	40.32 3.72 -2.44	35.51 3.43 -0.63	32.29 2.72 0.00	30.73 2.14 0.00
CANDIGU_WT_PWR 323617	30.91 -1.22 0.00	29.58 -1.10 0.00	29.81 -1.02 0.00	29.20 -0.93 0.00	29.16 -0.90 0.00	29.97 -0.93 0.00	30.38 -1.01 0.00	29.20 -1.41 0.00	30.64 -1.82 0.00	33.43 -2.10 0.00	33.69 -1.85 0.00	33.15 -2.38 0.00	33.53 -2.48 0.00	32.84 -2.55 0.00	32.47 -2.79 0.00	32.39 -2.55 0.00	35.82 -2.86 0.00	38.45 -3.25 0.00	35.11 -2.85 0.00	33.84 -2.55 0.00	31.86 -2.29 0.00	29.40 -2.04 0.00	27.44 -2.13 0.00	26.78 -1.80 0.00
CARR STREET_E_SYR 24060	31.26 -0.87 0.00	29.89 -0.80 0.00	29.99 -0.83 0.00	29.35 -0.78 0.00	29.28 -0.78 0.00	30.10 -0.80 0.00	30.57 -0.82 0.00	29.78 -0.83 0.00	31.55 -0.91 0.00	34.57 -0.96 0.00	34.72 -0.82 0.00	34.60 -0.92 0.00	35.12 -0.90 0.00	34.47 -0.92 0.00	34.31 -0.95 0.00	34.07 -0.87 0.00	37.68 -1.01 0.00	40.58 -1.12 0.00	36.97 -0.99 0.00	35.52 -0.87 0.00	33.30 -0.85 0.00	30.73 -0.72 0.00	28.95 -0.62 0.00	28.01 -0.57 0.00
CARTHAGE___PAPER 23857	31.94 -0.19 0.00	30.47 -0.21 0.00	30.64 -0.18 0.00	30.01 -0.12 0.00	29.92 -0.15 0.00	30.75 -0.15 0.00	31.23 -0.16 0.00	30.49 -0.12 0.00	32.40 -0.06 0.00	35.49 -0.04 0.00	35.36 -0.18 0.00	35.32 -0.21 0.00	35.69 -0.32 0.00	35.00 -0.39 0.00	34.87 -0.39 0.00	34.55 -0.38 0.00	38.34 -0.35 0.00	41.41 -0.29 0.00	37.61 -0.34 0.00	36.10 -0.29 0.00	33.71 -0.44 0.00	30.94 -0.50 0.00	29.10 -0.47 0.00	28.12 -0.46 0.00
CASSADAGA_WT_PWR 323784	30.59 -1.54 0.00	29.40 -1.29 0.00	29.68 -1.14 0.00	29.17 -0.97 0.00	29.19 -0.87 0.00	29.97 -0.93 0.00	30.20 -1.19 0.00	28.68 -1.93 0.00	29.86 -2.60 0.00	32.47 -3.06 0.00	32.73 -2.81 0.00	32.05 -3.48 0.00	32.34 -3.67 0.00	31.49 -3.89 0.00	31.06 -4.20 0.00	31.06 -3.88 0.00	34.32 -4.37 0.00	36.70 -5.01 0.00	33.63 -4.33 0.00	32.68 -3.71 0.00	30.74 -3.41 0.00	28.43 -3.02 0.00	26.43 -3.14 0.00	26.01 -2.57 0.00
CE_DUNWOOD___DRP 24194	33.58 1.45 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.30 1.78 0.00	37.28 1.74 0.00	37.27 1.74 0.00	37.89 1.87 0.00	37.33 1.95 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.76 2.37 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.18 1.60 0.00
CE_MILLWOOD___DRP 24193	33.51 1.38 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.96 1.35 0.00	34.02 1.56 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.23 1.71 0.00	37.82 1.80 0.00	37.26 1.88 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.01 2.32 0.00	44.37 2.67 0.00	40.35 2.39 0.00	38.68 2.29 0.00	36.34 2.19 0.00	33.43 1.98 0.00	31.26 1.69 0.00	30.13 1.54 0.00
CE_NYC2_DRP 24202	33.71 1.57 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.21 1.14 0.00	32.01 1.11 0.00	32.61 1.22 0.00	32.08 1.47 0.00	34.15 1.69 0.00	37.37 1.85 0.00	37.35 1.81 0.00	37.37 1.85 0.00	38.00 1.98 0.00	37.47 2.09 0.00	37.41 2.15 0.00	37.14 2.20 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.61 2.66 0.00	38.90 2.51 0.00	36.54 2.39 0.00	33.65 2.20 0.00	31.46 1.89 0.00	30.38 1.80 0.00
CE_NYC_DRP 24195	33.58 1.45 0.00	31.94 1.26 0.00	31.96 1.14 0.00	31.19 1.05 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.09 1.81 0.25	37.16 1.78 0.15	37.18 1.81 0.16	37.80 1.95 0.16	37.29 2.02 0.11	37.22 2.12 0.16	36.97 2.17 0.14	40.75 2.51 0.45	43.90 2.88 0.68	40.14 2.58 0.40	38.60 2.47 0.27	36.42 2.36 0.08	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
CHAFFEE___LFGE 323603	30.27 -1.86 0.00	29.00 -1.69 0.00	29.19 -1.63 0.00	28.56 -1.57 0.00	28.56 -1.50 0.00	29.39 -1.51 0.00	29.76 -1.63 0.00	28.40 -2.20 0.00	29.83 -2.63 0.00	32.68 -2.84 0.00	33.19 -2.35 0.00	32.51 -3.02 0.00	32.99 -3.03 0.00	32.34 -3.04 0.00	31.88 -3.39 0.00	31.97 -2.97 0.00	35.21 -3.48 0.00	37.49 -4.21 0.00	34.31 -3.64 0.00	33.26 -3.13 0.00	31.32 -2.83 0.00	29.00 -2.45 0.00	26.97 -2.60 0.00	26.58 -2.00 0.00
CHATEAUG_35_KV_LOAD 355732	32.58 0.45 0.00	31.18 0.49 0.00	31.38 0.55 0.00	30.64 0.51 0.00	30.61 0.54 0.00	31.55 0.65 0.00	31.83 0.44 0.00	31.07 0.46 0.00	32.95 0.49 0.00	36.10 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.56 0.54 0.00	35.85 0.46 0.00	35.58 0.32 0.00	35.04 0.10 0.00	38.76 0.08 0.00	41.58 -0.13 0.00	37.73 -0.23 0.00	36.03 -0.36 0.00	33.74 -0.41 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.18 -0.40 0.00
CHATEAUG_WT_PWR 323614	32.48 0.35 0.00	31.08 0.40 0.00	31.28 0.46 0.00	30.55 0.42 0.00	30.52 0.45 0.00	31.46 0.56 0.00	31.70 0.31 0.00	30.95 0.34 0.00	32.82 0.36 0.00	35.92 0.39 0.00	35.97 0.43 0.00	35.99 0.46 0.00	36.42 0.40 0.00	35.70 0.32 0.00	35.40 0.14 0.00	34.90 -0.03 0.00	38.57 -0.12 0.00	41.37 -0.34 0.00	37.54 -0.42 0.00	35.81 -0.58 0.00	33.54 -0.61 0.00	30.69 -0.76 0.00	28.86 -0.71 0.00	28.04 -0.54 0.00
CHAT_HIGH_FALL_HYD 323578	32.58 0.45 0.00	31.18 0.49 0.00	31.38 0.55 0.00	30.64 0.51 0.00	30.61 0.54 0.00	31.55 0.65 0.00	31.83 0.44 0.00	31.07 0.46 0.00	32.95 0.49 0.00	36.10 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.56 0.54 0.00	35.85 0.46 0.00	35.58 0.32 0.00	35.04 0.10 0.00	38.76 0.08 0.00	41.58 -0.13 0.00	37.73 -0.23 0.00	36.03 -0.36 0.00	33.74 -0.41 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.18 -0.40 0.00
CHAUTAUQUA___LFGE 323629	30.36 -1.77 0.00	29.15 -1.53 0.00	29.40 -1.42 0.00	28.84 -1.29 0.00	28.86 -1.20 0.00	29.63 -1.27 0.00	29.91 -1.47 0.00	28.47 -2.14 0.00	29.77 -2.69 0.00	32.51 -3.02 0.00	32.91 -2.63 0.00	32.22 -3.30 0.00	32.63 -3.39 0.00	31.92 -3.47 0.00	31.49 -3.77 0.00	31.55 -3.39 0.00	34.82 -3.87 0.00	37.12 -4.59 0.00	34.01 -3.95 0.00	32.97 -3.42 0.00	31.01 -3.14 0.00	28.68 -2.77 0.00	26.70 -2.87 0.00	26.29 -2.29 0.00
CHERRYST_13_KV_LD 356241	33.67 1.54 0.00	32.00 1.32 0.00	32.02 1.20 0.00	31.28 1.15 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.61 1.22 0.00	32.11 1.50 0.00	34.18 1.72 0.00	37.20 1.92 0.25	37.27 1.88 0.15	37.29 1.92 0.16	37.91 2.05 0.16	37.39 2.12 0.11	37.33 2.22 0.16	37.07 2.27 0.14	40.87 2.63 0.45	44.03 3.00 0.68	40.25 2.69 0.40	38.67 2.55 0.27	36.49 2.42 0.08	33.68 2.23 0.00	31.46 1.89 0.00	30.33 1.74 0.00

CHESTROR_138KV_BK263 355645	33.29 1.16 0.00	31.67 0.98 0.00	31.75 0.92 0.00	31.01 0.87 0.00	30.91 0.84 0.00	31.76 0.87 0.00	32.33 0.94 0.00	31.68 1.07 0.00	33.73 1.27 0.00	36.88 1.35 0.00	36.85 1.31 0.00	36.84 1.31 0.00	37.42 1.40 0.00	36.91 1.52 0.00	36.85 1.59 0.00	36.58 1.64 0.00	40.58 1.90 0.00	43.91 2.21 0.00	39.93 1.97 0.00	38.28 1.89 0.00	35.96 1.81 0.00	33.08 1.64 0.00	30.96 1.39 0.00	29.84 1.26 0.00
CH_MIDHUDSON___DRP 24192	33.71 1.57 0.00	32.10 1.41 0.00	32.15 1.33 0.00	31.40 1.27 0.00	31.30 1.23 0.00	32.17 1.27 0.00	32.74 1.35 0.00	32.11 1.50 0.00	34.18 1.72 0.00	37.37 1.85 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.34 2.08 0.00	37.10 2.17 0.00	41.16 2.48 0.00	44.58 2.88 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.56 2.11 0.00	31.37 1.80 0.00	30.24 1.66 0.00
CH_MISC_IPPS 23765	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.87 1.48 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.52 1.99 0.00	37.46 1.92 0.00	37.48 1.95 0.00	38.07 2.05 0.00	37.47 2.09 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.35 2.67 0.00	44.79 3.09 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.58 2.43 0.00	33.65 2.20 0.00	31.37 1.80 0.00	30.12 1.54 0.00
CH_RES_BVR_FALLS 23983	32.00 -0.13 0.00	30.59 -0.09 0.00	30.76 -0.06 0.00	30.07 -0.06 0.00	30.04 -0.03 0.00	30.90 0.00 0.00	31.36 -0.03 0.00	30.58 -0.03 0.00	32.40 -0.06 0.00	35.39 -0.14 0.00	35.36 -0.18 0.00	35.32 -0.21 0.00	35.77 -0.25 0.00	35.10 -0.28 0.00	34.91 -0.35 0.00	34.52 -0.42 0.00	38.22 -0.46 0.00	41.16 -0.54 0.00	37.46 -0.49 0.00	35.88 -0.51 0.00	33.67 -0.48 0.00	30.98 -0.47 0.00	29.13 -0.44 0.00	28.18 -0.40 0.00
CH_RES_NIAGARA 23895	29.24 -2.89 0.00	28.26 -2.42 0.00	28.20 -2.62 0.00	27.60 -2.53 0.00	27.69 -2.38 0.00	28.40 -2.50 0.00	28.75 -2.64 0.00	27.39 -3.21 0.00	28.66 -3.80 0.00	31.44 -4.09 0.00	31.98 -3.55 0.00	31.94 -3.59 0.00	31.77 -4.25 0.00	30.93 -4.46 0.00	31.14 -4.13 0.00	30.85 -4.09 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.98 -4.97 0.00	31.91 -4.48 0.00	30.05 -4.10 0.00	27.86 -3.59 0.00	26.55 -3.02 0.00	25.61 -2.97 0.00
CH_RES_SYRACUSE 23985	31.42 -0.71 0.00	30.04 -0.65 0.00	30.14 -0.68 0.00	29.50 -0.63 0.00	29.43 -0.63 0.00	30.25 -0.65 0.00	30.76 -0.63 0.00	29.93 -0.67 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.82 -0.71 0.00	35.33 -0.69 0.00	34.68 -0.71 0.00	34.52 -0.74 0.00	34.27 -0.66 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.20 -0.76 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.91 -0.53 0.00	29.10 -0.47 0.00	28.15 -0.43 0.00
CLINTON_WT_PWR 323605	32.48 0.35 0.00	31.08 0.40 0.00	31.28 0.46 0.00	30.55 0.42 0.00	30.52 0.45 0.00	31.46 0.56 0.00	31.70 0.31 0.00	30.95 0.34 0.00	32.82 0.36 0.00	35.92 0.39 0.00	35.97 0.43 0.00	35.99 0.46 0.00	36.42 0.40 0.00	35.70 0.32 0.00	35.40 0.14 0.00	34.90 -0.03 0.00	38.57 -0.12 0.00	41.37 -0.34 0.00	37.54 -0.42 0.00	35.81 -0.58 0.00	33.54 -0.61 0.00	30.69 -0.76 0.00	28.86 -0.71 0.00	28.04 -0.54 0.00
CLINTON___LFGE 323618	33.03 0.90 0.00	31.60 0.92 0.00	31.84 1.02 0.00	31.07 0.94 0.00	31.03 0.96 0.00	31.98 1.08 0.00	32.17 0.79 0.00	31.40 0.79 0.00	33.30 0.84 0.00	36.45 0.92 0.00	36.53 0.99 0.00	36.52 0.99 0.00	36.99 0.97 0.00	36.20 0.81 0.00	35.93 0.67 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.04 0.33 0.00	38.15 0.19 0.00	36.35 -0.04 0.00	34.05 -0.10 0.00	31.16 -0.28 0.00	29.25 -0.32 0.00	28.50 -0.09 0.00
COBBLENY_34_KV_TB1 80064	30.27 -1.86 0.00	29.24 -1.44 0.00	29.22 -1.60 0.00	28.59 -1.54 0.00	28.68 -1.38 0.00	29.42 -1.48 0.00	29.85 -1.54 0.00	28.50 -2.11 0.00	29.83 -2.63 0.00	32.69 -2.84 0.00	33.19 -2.35 0.00	33.15 -2.38 0.00	32.99 -3.03 0.00	32.09 -3.29 0.00	32.26 -3.00 0.00	32.00 -2.93 0.00	35.20 -3.48 0.00	37.49 -4.21 0.00	34.39 -3.57 0.00	33.26 -3.13 0.00	31.28 -2.87 0.00	28.96 -2.48 0.00	27.47 -2.10 0.00	26.52 -2.06 0.00
COFFEEN___115KV_TB3 355620	32.13 0.00 0.00	30.65 -0.03 0.00	30.82 0.00 0.00	30.19 0.06 0.00	30.10 0.03 0.00	30.93 0.03 0.00	31.45 0.06 0.00	30.70 0.09 0.00	32.62 0.16 0.00	35.74 0.21 0.00	35.72 0.18 0.00	35.71 0.18 0.00	36.05 0.04 0.00	35.31 -0.07 0.00	35.26 0.00 0.00	34.94 0.00 0.00	38.80 0.12 0.00	41.91 0.21 0.00	38.07 0.11 0.00	36.54 0.15 0.00	34.12 -0.03 0.00	31.29 -0.16 0.00	29.39 -0.18 0.00	28.35 -0.23 0.00
COLDSPRG_115KV_BK1 355956	31.17 -0.96 0.00	30.10 -0.58 0.00	30.17 -0.65 0.00	29.59 -0.54 0.00	29.67 -0.39 0.00	30.40 -0.49 0.00	30.79 -0.60 0.00	29.38 -1.22 0.00	30.71 -1.75 0.00	33.50 -2.03 0.00	33.94 -1.60 0.00	33.86 -1.67 0.00	33.71 -2.31 0.00	32.70 -2.69 0.00	32.83 -2.43 0.00	32.53 -2.41 0.00	35.82 -2.86 0.00	38.33 -3.38 0.00	35.15 -2.81 0.00	34.03 -2.37 0.00	31.97 -2.19 0.00	29.56 -1.89 0.00	27.94 -1.63 0.00	26.98 -1.60 0.00
COLONIE_LFGE___ 323577	33.42 1.29 0.00	31.85 1.17 0.00	31.96 1.14 0.00	31.25 1.12 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.58 1.19 0.00	31.83 1.23 0.00	33.82 1.36 0.00	37.02 1.49 0.00	36.92 1.38 0.00	36.98 1.46 0.00	37.50 1.48 0.00	36.87 1.49 0.00	36.81 1.55 0.00	36.51 1.57 0.00	40.47 1.78 0.00	43.75 2.04 0.00	39.78 1.82 0.00	38.14 1.75 0.00	35.79 1.64 0.00	32.93 1.48 0.00	30.84 1.27 0.00	29.75 1.17 0.00
COOPERNY_115KV_TB1 80082	32.90 0.77 0.00	31.36 0.68 0.00	31.44 0.62 0.00	30.73 0.60 0.00	30.64 0.57 0.00	31.49 0.59 0.00	32.05 0.66 0.00	31.34 0.73 0.00	33.34 0.88 0.00	36.45 0.92 0.00	36.46 0.92 0.00	36.45 0.92 0.00	37.03 1.01 0.00	36.45 1.06 0.00	36.35 1.09 0.00	36.09 1.15 0.00	40.00 1.32 0.00	43.25 1.54 0.00	39.32 1.37 0.00	37.70 1.31 0.00	35.41 1.26 0.00	32.61 1.16 0.00	30.55 0.98 0.00	29.47 0.89 0.00
COPENHAGEN_WT_PWR 323753	31.91 -0.22 0.00	30.41 -0.28 0.00	30.57 -0.25 0.00	29.95 -0.18 0.00	29.86 -0.21 0.00	30.68 -0.21 0.00	31.17 -0.22 0.00	30.43 -0.18 0.00	32.33 -0.13 0.00	35.42 -0.11 0.00	35.40 -0.14 0.00	35.35 -0.18 0.00	35.73 -0.29 0.00	35.03 -0.35 0.00	34.91 -0.35 0.00	34.62 -0.32 0.00	38.42 -0.27 0.00	41.46 -0.25 0.00	37.69 -0.26 0.00	36.17 -0.22 0.00	33.78 -0.37 0.00	31.04 -0.41 0.00	29.22 -0.35 0.00	28.21 -0.37 0.00
CORNELL_____ 23752	32.16 0.03 0.00	30.75 0.06 0.00	30.85 0.03 0.00	30.19 0.06 0.00	30.13 0.06 0.00	30.96 0.06 0.00	31.52 0.13 0.00	30.64 0.03 0.00	32.43 -0.03 0.00	35.49 -0.04 0.00	35.68 0.14 0.00	35.67 0.14 0.00	36.09 0.07 0.00	35.35 -0.04 0.00	35.26 0.00 0.00	34.94 0.00 0.00	38.73 0.04 0.00	41.75 0.04 0.00	38.03 0.08 0.00	36.54 0.15 0.00	34.22 0.07 0.00	31.54 0.09 0.00	29.60 0.03 0.00	28.58 0.00 0.00

CORONA_69_KV_TB1 355595	33.99 1.86 0.00	32.22 1.53 0.00	32.12 1.29 0.00	31.34 1.21 0.00	31.21 1.14 0.00	32.10 1.21 0.00	32.77 1.38 0.00	32.45 1.84 0.00	34.63 2.17 0.00	37.94 2.42 0.00	38.06 2.52 0.00	38.07 2.52 -0.02	40.12 2.63 -1.47	42.90 2.69 -4.83	40.76 2.79 -2.71	48.09 2.80 -10.35	50.82 3.17 -8.96	50.40 3.54 -5.15	50.44 3.23 -9.26	48.48 3.09 -8.99	41.54 3.01 -4.38	35.35 2.77 -1.13	31.99 2.42 0.00	30.64 2.06 0.00
CORTLAND_115KV_TB3 80093	31.97 -0.16 0.00	30.53 -0.15 0.00	30.67 -0.15 0.00	30.01 -0.12 0.00	29.94 -0.12 0.00	30.78 -0.12 0.00	31.30 -0.09 0.00	30.46 -0.15 0.00	32.23 -0.23 0.00	35.31 -0.21 0.00	35.47 -0.07 0.00	35.46 -0.07 0.00	35.87 -0.14 0.00	35.17 -0.21 0.00	35.08 -0.18 0.00	34.76 -0.17 0.00	38.49 -0.19 0.00	41.50 -0.21 0.00	37.80 -0.15 0.00	36.28 -0.11 0.00	34.01 -0.14 0.00	31.35 -0.09 0.00	29.45 -0.12 0.00	28.44 -0.14 0.00
COXSACKIE___GT 23611	34.67 2.54 0.00	32.99 2.30 0.00	33.10 2.28 0.00	32.36 2.23 0.00	32.29 2.22 0.00	33.19 2.29 0.00	33.71 2.32 0.00	32.87 2.26 0.00	34.99 2.53 0.00	38.09 2.56 0.00	37.74 2.20 0.00	37.66 2.13 0.00	38.25 2.23 0.00	37.68 2.30 0.00	37.77 2.50 0.00	37.59 2.65 0.00	41.78 3.10 0.00	45.33 3.63 0.00	41.14 3.19 0.00	39.34 2.95 0.00	36.88 2.73 0.00	33.97 2.52 0.00	31.73 2.16 0.00	30.67 2.09 0.00
CPV_VALLEY___CC1 323721	33.06 0.93 0.00	31.48 0.80 0.00	31.56 0.74 0.00	30.83 0.69 0.00	30.73 0.66 0.00	31.58 0.68 0.00	32.14 0.75 0.00	31.50 0.89 0.00	33.47 1.01 0.00	36.63 1.10 0.00	36.60 1.07 0.00	36.63 1.10 0.00	37.17 1.15 0.00	36.55 1.17 0.00	36.57 1.31 0.00	36.30 1.36 0.00	40.24 1.55 0.00	43.54 1.83 0.00	39.59 1.63 0.00	37.95 1.56 0.00	35.65 1.50 0.00	32.80 1.35 0.00	30.60 1.03 0.00	29.44 0.86 0.00
CPV_VALLEY___CC2 323722	33.06 0.93 0.00	31.48 0.80 0.00	31.56 0.74 0.00	30.83 0.69 0.00	30.73 0.66 0.00	31.58 0.68 0.00	32.14 0.75 0.00	31.50 0.89 0.00	33.47 1.01 0.00	36.63 1.10 0.00	36.60 1.07 0.00	36.63 1.10 0.00	37.17 1.15 0.00	36.55 1.17 0.00	36.57 1.31 0.00	36.30 1.36 0.00	40.24 1.55 0.00	43.54 1.83 0.00	39.59 1.63 0.00	37.95 1.56 0.00	35.65 1.50 0.00	32.80 1.35 0.00	30.60 1.03 0.00	29.44 0.86 0.00
CRESCENT___HYD 24018	33.42 1.29 0.00	31.85 1.17 0.00	31.96 1.14 0.00	31.25 1.12 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.58 1.19 0.00	31.83 1.23 0.00	33.82 1.36 0.00	37.02 1.49 0.00	36.92 1.38 0.00	36.98 1.46 0.00	37.50 1.48 0.00	36.87 1.49 0.00	36.81 1.55 0.00	36.51 1.57 0.00	40.47 1.78 0.00	43.75 2.04 0.00	39.78 1.82 0.00	38.14 1.75 0.00	35.79 1.64 0.00	32.93 1.48 0.00	30.84 1.27 0.00	29.75 1.17 0.00
CRICKET___VALLEY_CC1 323756	33.48 1.35 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.89 1.29 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.03 1.49 0.00	37.13 1.60 0.00	37.64 1.62 0.00	37.05 1.66 0.00	37.02 1.76 0.00	36.75 1.82 0.00	40.77 2.09 0.00	44.08 2.38 0.00	40.12 2.16 0.00	38.43 2.04 0.00	36.10 1.95 0.00	33.21 1.76 0.00	31.02 1.45 0.00	29.81 1.23 0.00
CRICKET___VALLEY_CC2 323757	33.48 1.35 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.89 1.29 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.03 1.49 0.00	37.13 1.60 0.00	37.64 1.62 0.00	37.05 1.66 0.00	37.02 1.76 0.00	36.75 1.82 0.00	40.77 2.09 0.00	44.08 2.38 0.00	40.12 2.16 0.00	38.43 2.04 0.00	36.10 1.95 0.00	33.21 1.76 0.00	31.02 1.45 0.00	29.81 1.23 0.00
CRICKET___VALLEY_CC3 323758	33.48 1.35 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.89 1.29 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.03 1.49 0.00	37.13 1.60 0.00	37.64 1.62 0.00	37.05 1.66 0.00	37.02 1.76 0.00	36.75 1.82 0.00	40.77 2.09 0.00	44.08 2.38 0.00	40.12 2.16 0.00	38.43 2.04 0.00	36.10 1.95 0.00	33.21 1.76 0.00	31.02 1.45 0.00	29.81 1.23 0.00
CRUCIBLE_METL_DRP 24180	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.76 -0.63 0.00	29.97 -0.64 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.68 -0.71 0.00	34.56 -0.71 0.00	34.27 -0.66 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.23 -0.72 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.04 -0.54 0.00
DAHOWA___HYDRO 323763	33.38 1.25 0.00	31.79 1.10 0.00	31.90 1.08 0.00	31.16 1.03 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.58 1.19 0.00	31.80 1.19 0.00	33.82 1.36 0.00	37.02 1.49 0.00	37.03 1.49 0.00	37.09 1.56 0.00	37.57 1.55 0.00	36.94 1.56 0.00	36.88 1.62 0.00	36.61 1.68 0.00	40.62 1.93 0.00	43.91 2.21 0.00	39.93 1.97 0.00	38.21 1.82 0.00	35.86 1.71 0.00	32.93 1.48 0.00	30.78 1.21 0.00	29.67 1.09 0.00
DANC___LFGE 323619	31.55 -0.58 0.00	30.10 -0.58 0.00	30.27 -0.55 0.00	29.62 -0.51 0.00	29.52 -0.54 0.00	30.34 -0.56 0.00	30.83 -0.56 0.00	30.06 -0.55 0.00	31.91 -0.55 0.00	34.96 -0.57 0.00	35.01 -0.53 0.00	34.92 -0.60 0.00	35.37 -0.65 0.00	34.68 -0.71 0.00	34.56 -0.70 0.00	34.27 -0.66 0.00	37.95 -0.74 0.00	40.96 -0.75 0.00	37.23 -0.72 0.00	35.74 -0.65 0.00	33.43 -0.72 0.00	30.82 -0.63 0.00	29.04 -0.53 0.00	28.07 -0.51 0.00
DANSKAMMER___1 23586	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.87 1.48 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.52 1.99 0.00	37.46 1.92 0.00	37.48 1.95 0.00	38.07 2.05 0.00	37.47 2.09 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.35 2.67 0.00	44.79 3.09 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.58 2.43 0.00	33.65 2.20 0.00	31.37 1.80 0.00	30.12 1.54 0.00
DANSKAMMER___2 23589	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.87 1.48 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.52 1.99 0.00	37.46 1.92 0.00	37.48 1.95 0.00	38.07 2.05 0.00	37.47 2.09 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.35 2.67 0.00	44.79 3.09 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.58 2.43 0.00	33.65 2.20 0.00	31.37 1.80 0.00	30.12 1.54 0.00
DANSKAMMER___3 23590	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.87 1.48 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.52 1.99 0.00	37.46 1.92 0.00	37.48 1.95 0.00	38.07 2.05 0.00	37.47 2.09 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.35 2.67 0.00	44.79 3.09 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.58 2.43 0.00	33.65 2.20 0.00	31.37 1.80 0.00	30.12 1.54 0.00

DANSKAMMER___4 23591	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.87 1.48 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.52 1.99 0.00	37.46 1.92 0.00	37.48 1.95 0.00	38.07 2.05 0.00	37.47 2.09 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.35 2.67 0.00	44.79 3.09 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.58 2.43 0.00	33.65 2.20 0.00	31.37 1.80 0.00	30.12 1.54 0.00
DANSKAMMER___DIESEL 23592	33.83 1.70 0.00	32.19 1.50 0.00	32.27 1.45 0.00	31.49 1.36 0.00	31.42 1.35 0.00	32.29 1.39 0.00	32.86 1.48 0.00	32.20 1.59 0.00	34.31 1.85 0.00	37.52 1.99 0.00	37.46 1.92 0.00	37.45 1.92 0.00	38.07 2.05 0.00	37.51 2.12 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.36 2.67 0.00	44.79 3.09 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.58 2.42 0.00	33.68 2.23 0.00	31.49 1.92 0.00	30.33 1.74 0.00
DARBY___SOLAR 323810	33.35 1.22 0.00	31.79 1.10 0.00	31.90 1.08 0.00	31.16 1.03 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.55 1.16 0.00	31.77 1.16 0.00	33.79 1.33 0.00	36.98 1.46 0.00	36.96 1.42 0.00	37.05 1.53 0.00	37.53 1.51 0.00	36.91 1.52 0.00	36.81 1.55 0.00	36.58 1.64 0.00	40.54 1.86 0.00	43.87 2.17 0.00	39.85 1.90 0.00	38.17 1.78 0.00	35.82 1.67 0.00	32.90 1.45 0.00	30.78 1.21 0.00	29.67 1.09 0.00
DASHVILLE___HYD 23610	34.15 2.02 0.00	32.46 1.78 0.00	32.52 1.70 0.00	31.76 1.63 0.00	31.66 1.59 0.00	32.54 1.64 0.00	33.12 1.73 0.00	32.45 1.84 0.00	34.57 2.11 0.00	37.77 2.24 0.00	37.67 2.13 0.00	37.62 2.10 0.00	38.25 2.23 0.00	37.72 2.34 0.00	37.76 2.50 0.00	37.56 2.62 0.00	41.74 3.06 0.00	45.25 3.54 0.00	41.11 3.15 0.00	39.37 2.98 0.00	36.92 2.77 0.00	34.00 2.55 0.00	31.73 2.16 0.00	30.55 1.97 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.67 2.54 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.82 1.69 0.00	31.69 1.62 0.00	32.66 1.76 0.00	33.43 2.04 0.00	33.27 2.66 0.00	35.51 3.05 0.00	38.80 3.27 0.00	38.77 3.23 0.00	38.80 3.27 -0.01	40.23 3.39 -0.82	41.55 3.47 -2.69	40.44 3.67 -1.51	44.93 3.77 -6.21	48.40 4.33 -5.38	49.67 4.88 -3.09	47.76 4.25 -5.55	45.79 4.00 -5.40	40.35 3.76 -2.44	35.54 3.46 -0.63	32.50 2.93 0.00	31.16 2.57 0.00
DELAWARE___LFGE 323621	32.81 0.67 0.00	31.30 0.61 0.00	31.47 0.65 0.00	30.76 0.63 0.00	30.67 0.60 0.00	31.55 0.65 0.00	32.11 0.72 0.00	31.31 0.70 0.00	33.24 0.78 0.00	36.38 0.85 0.00	36.46 0.92 0.00	36.42 0.89 0.00	36.99 0.97 0.00	36.31 0.92 0.00	36.18 0.92 0.00	35.88 0.94 0.00	39.77 1.08 0.00	42.91 1.21 0.00	39.06 1.10 0.00	37.45 1.06 0.00	35.14 0.99 0.00	32.33 0.88 0.00	30.34 0.77 0.00	29.27 0.69 0.00
DERFIELD_115KV_TB7 355931	32.19 0.06 0.00	30.75 0.06 0.00	30.88 0.06 0.00	30.19 0.06 0.00	30.13 0.06 0.00	30.96 0.06 0.00	31.48 0.09 0.00	30.70 0.09 0.00	32.56 0.10 0.00	35.63 0.11 0.00	35.61 0.07 0.00	35.60 0.07 0.00	36.09 0.07 0.00	35.46 0.07 0.00	35.33 0.07 0.00	35.01 0.07 0.00	38.80 0.12 0.00	41.83 0.13 0.00	38.07 0.11 0.00	36.50 0.11 0.00	34.25 0.10 0.00	31.54 0.09 0.00	29.69 0.12 0.00	28.67 0.09 0.00
DOGLEVILLE___HYD 23807	33.58 1.45 0.00	32.07 1.38 0.00	32.21 1.39 0.00	31.49 1.36 0.00	31.39 1.32 0.00	32.20 1.30 0.00	32.61 1.22 0.00	31.71 1.10 0.00	33.53 1.07 0.00	36.56 1.03 0.00	36.46 0.92 0.00	36.45 0.92 0.00	36.95 0.93 0.00	36.27 0.89 0.00	36.18 0.92 0.00	35.81 0.87 0.00	39.61 0.93 0.00	42.70 1.00 0.00	38.87 0.91 0.00	37.26 0.87 0.00	34.97 0.82 0.00	32.24 0.79 0.00	30.31 0.74 0.00	29.30 0.71 0.00
DUNKIRK___115KV_TB_200 55889	30.36 -1.77 0.00	29.36 -1.32 0.00	29.37 -1.45 0.00	28.84 -1.30 0.00	28.92 -1.14 0.00	29.63 -1.27 0.00	30.01 -1.38 0.00	28.56 -2.05 0.00	29.80 -2.66 0.00	32.51 -3.02 0.00	32.98 -2.56 0.00	32.90 -2.63 0.00	32.71 -3.31 0.00	31.74 -3.64 0.00	31.91 -3.35 0.00	31.65 -3.28 0.00	34.86 -3.83 0.00	37.16 -4.55 0.00	34.08 -3.87 0.00	33.01 -3.38 0.00	31.04 -3.11 0.00	28.71 -2.74 0.00	27.26 -2.31 0.00	26.27 -2.32 0.00
DUNKIRK___1 23563	30.36 -1.77 0.00	29.36 -1.32 0.00	29.37 -1.45 0.00	28.84 -1.30 0.00	28.92 -1.14 0.00	29.63 -1.27 0.00	30.01 -1.38 0.00	28.56 -2.05 0.00	29.80 -2.66 0.00	32.51 -3.02 0.00	32.98 -2.56 0.00	32.90 -2.63 0.00	32.71 -3.31 0.00	31.74 -3.64 0.00	31.91 -3.35 0.00	31.65 -3.28 0.00	34.86 -3.83 0.00	37.16 -4.55 0.00	34.08 -3.87 0.00	33.01 -3.38 0.00	31.04 -3.11 0.00	28.71 -2.74 0.00	27.26 -2.31 0.00	26.27 -2.32 0.00
DUNKIRK___2 23564	30.36 -1.77 0.00	29.36 -1.32 0.00	29.37 -1.45 0.00	28.84 -1.30 0.00	28.92 -1.14 0.00	29.63 -1.27 0.00	30.01 -1.38 0.00	28.56 -2.05 0.00	29.80 -2.66 0.00	32.51 -3.02 0.00	32.98 -2.56 0.00	32.90 -2.63 0.00	32.71 -3.31 0.00	31.74 -3.64 0.00	31.91 -3.35 0.00	31.65 -3.28 0.00	34.86 -3.83 0.00	37.16 -4.55 0.00	34.08 -3.87 0.00	33.01 -3.38 0.00	31.04 -3.11 0.00	28.71 -2.74 0.00	27.26 -2.31 0.00	26.27 -2.32 0.00
DUNKIRK___3 23565	30.27 -1.86 0.00	29.27 -1.41 0.00	29.28 -1.54 0.00	28.72 -1.42 0.00	28.77 -1.29 0.00	29.51 -1.39 0.00	29.91 -1.48 0.00	28.47 -2.14 0.00	29.73 -2.73 0.00	32.51 -3.02 0.00	32.98 -2.56 0.00	32.93 -2.59 0.00	32.74 -3.28 0.00	31.81 -3.57 0.00	31.98 -3.28 0.00	31.69 -3.25 0.00	34.90 -3.79 0.00	37.16 -4.55 0.00	34.12 -3.83 0.00	33.01 -3.38 0.00	31.04 -3.11 0.00	28.74 -2.70 0.00	27.26 -2.31 0.00	26.30 -2.29 0.00
DUNKIRK___4 23566	30.27 -1.86 0.00	29.27 -1.41 0.00	29.28 -1.54 0.00	28.72 -1.42 0.00	28.77 -1.29 0.00	29.51 -1.39 0.00	29.91 -1.48 0.00	28.47 -2.14 0.00	29.73 -2.73 0.00	32.51 -3.02 0.00	32.98 -2.56 0.00	32.93 -2.59 0.00	32.74 -3.28 0.00	31.81 -3.57 0.00	31.98 -3.28 0.00	31.69 -3.25 0.00	34.90 -3.79 0.00	37.16 -4.55 0.00	34.12 -3.83 0.00	33.01 -3.38 0.00	31.04 -3.11 0.00	28.74 -2.70 0.00	27.26 -2.31 0.00	26.30 -2.29 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.64 1.51 0.00	32.00 1.32 0.00	32.02 1.20 0.00	31.28 1.15 0.00	31.18 1.11 0.00	32.04 1.14 0.00	32.61 1.22 0.00	32.08 1.47 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.37 1.85 0.00	37.96 1.95 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.24 1.66 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.58 1.45 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.25 1.11 0.00	31.15 1.08 0.00	32.04 1.14 0.00	32.58 1.19 0.00	31.96 1.35 0.00	34.02 1.56 0.00	37.20 1.67 0.00	37.17 1.63 0.00	37.16 1.63 0.00	37.75 1.73 0.00	37.23 1.84 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.01 2.32 0.00	44.37 2.67 0.00	40.35 2.39 0.00	38.65 2.26 0.00	36.30 2.15 0.00	33.43 1.98 0.00	31.26 1.69 0.00	30.10 1.51 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.61 1.48 0.00	32.07 1.38 0.00	32.05 1.23 0.00	31.28 1.15 0.00	31.15 1.08 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.92 1.32 0.00	33.99 1.53 0.00	37.20 1.67 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.82 1.80 0.00	37.30 1.91 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.05 2.36 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.72 2.33 0.00	36.37 2.22 0.00	33.49 2.04 0.00	31.31 1.74 0.00	30.38 1.80 0.00
E179THST_13_KV_LOAD 356214	33.74 1.61 0.00	32.19 1.50 0.00	32.18 1.36 0.00	31.37 1.24 0.00	31.24 1.17 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.54 2.39 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.50 1.92 0.00
EAST HAMPTON___GT 23717	34.47 2.34 0.00	32.71 2.02 0.00	32.42 1.60 0.00	31.70 1.57 0.00	31.60 1.53 0.00	32.50 1.61 0.00	33.34 1.95 0.00	33.21 2.60 0.00	35.35 2.89 0.00	38.58 3.06 0.00	38.38 2.84 0.00	38.41 2.88 -0.01	39.79 2.95 -0.82	41.09 3.01 -2.69	40.02 3.24 -1.51	44.54 3.39 -6.22	48.01 3.95 -5.38	49.26 4.46 -3.09	47.31 3.80 -5.56	45.35 3.57 -5.40	39.87 3.28 -2.44	35.07 2.99 -0.63	31.82 2.25 0.00	30.53 1.94 0.00
EAST RIVER___6 23660	33.61 1.48 0.00	32.00 1.32 0.00	31.99 1.17 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.11 1.65 0.00	37.09 1.81 0.25	37.16 1.78 0.15	37.29 1.92 0.16	37.84 1.98 0.16	37.29 2.02 0.11	37.26 2.15 0.16	37.00 2.20 0.14	40.79 2.55 0.45	43.94 2.92 0.68	40.21 2.66 0.40	38.60 2.48 0.27	36.42 2.35 0.08	33.59 2.14 0.00	31.25 1.68 0.00	30.01 1.43 0.00
EAST RIVER___7 23524	33.61 1.48 0.00	32.00 1.32 0.00	31.99 1.17 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.11 1.65 0.00	37.09 1.81 0.25	37.16 1.78 0.15	37.29 1.92 0.16	37.84 1.98 0.16	37.29 2.02 0.11	37.26 2.15 0.16	37.00 2.20 0.14	40.79 2.55 0.45	43.94 2.92 0.68	40.21 2.66 0.40	38.60 2.48 0.27	36.42 2.35 0.08	33.59 2.14 0.00	31.25 1.68 0.00	30.01 1.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.58 1.45 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.30 1.78 0.00	37.28 1.74 0.00	37.27 1.74 0.00	37.89 1.87 0.00	37.33 1.95 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.76 2.37 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.18 1.60 0.00
EAST_HAMPTON___DIESEL 23722	34.41 2.28 0.00	32.65 1.97 0.00	32.36 1.54 0.00	31.64 1.51 0.00	31.54 1.47 0.00	32.44 1.54 0.00	33.27 1.88 0.00	33.15 2.54 0.00	35.32 2.86 0.00	38.51 2.98 0.00	38.28 2.74 0.00	38.31 2.77 -0.01	39.68 2.84 -0.82	40.98 2.90 -2.69	39.91 3.14 -1.51	44.47 3.32 -6.22	47.90 3.83 -5.38	49.13 4.34 -3.09	47.19 3.68 -5.56	45.25 3.46 -5.40	39.77 3.18 -2.44	34.97 2.89 -0.63	31.73 2.16 0.00	30.44 1.86 0.00
EAST_POINT___SOLAR 323840	33.93 1.80 0.00	32.28 1.59 0.00	32.42 1.60 0.00	31.67 1.54 0.00	31.57 1.50 0.00	32.47 1.57 0.00	33.18 1.79 0.00	32.35 1.74 0.00	34.37 1.91 0.00	37.52 1.99 0.00	37.63 2.10 0.00	37.23 1.71 0.00	37.68 1.66 0.00	37.40 2.02 0.00	37.23 1.97 0.00	37.24 2.31 0.00	41.51 2.82 0.00	44.96 3.26 0.00	40.84 2.88 0.00	39.12 2.73 0.00	36.71 2.56 0.00	33.56 2.11 0.00	31.31 1.74 0.00	30.15 1.57 0.00
EAST_PULASKI___ESR 323781	31.26 -0.87 0.00	29.86 -0.83 0.00	29.99 -0.83 0.00	29.35 -0.78 0.00	29.25 -0.81 0.00	30.07 -0.83 0.00	30.54 -0.85 0.00	29.75 -0.86 0.00	31.55 -0.91 0.00	34.57 -0.96 0.00	34.69 -0.85 0.00	34.60 -0.92 0.00	35.08 -0.94 0.00	34.43 -0.95 0.00	34.27 -0.99 0.00	34.00 -0.94 0.00	37.60 -1.08 0.00	40.54 -1.17 0.00	36.93 -1.02 0.00	35.44 -0.95 0.00	33.20 -0.96 0.00	30.63 -0.82 0.00	28.89 -0.68 0.00	27.95 -0.63 0.00
EAST_RIVER___1 323558	33.64 1.51 0.00	32.00 1.32 0.00	32.02 1.20 0.00	31.28 1.14 0.00	31.18 1.11 0.00	32.01 1.11 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.11 1.65 0.00	37.09 1.81 0.25	37.16 1.78 0.15	37.25 1.88 0.16	37.80 1.94 0.16	37.25 1.98 0.11	37.22 2.12 0.16	36.97 2.17 0.14	40.75 2.51 0.45	43.90 2.88 0.68	40.17 2.62 0.40	38.60 2.48 0.27	36.42 2.35 0.08	33.56 2.11 0.00	31.22 1.65 0.00	29.98 1.40 0.00
EAST_RIVER___2 323559	33.61 1.48 0.00	32.00 1.32 0.00	31.99 1.17 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.11 1.65 0.00	37.09 1.81 0.25	37.16 1.78 0.15	37.29 1.92 0.16	37.84 1.98 0.16	37.29 2.02 0.11	37.26 2.15 0.16	37.00 2.20 0.14	40.79 2.55 0.45	43.94 2.92 0.68	40.21 2.66 0.40	38.60 2.48 0.27	36.42 2.35 0.08	33.59 2.14 0.00	31.25 1.68 0.00	30.01 1.43 0.00
EAST___DELAWARE_HYD 23607	33.80 1.67 0.00	32.16 1.47 0.00	32.21 1.39 0.00	31.46 1.32 0.00	31.39 1.32 0.00	32.26 1.36 0.00	32.83 1.44 0.00	32.14 1.53 0.00	34.18 1.72 0.00	37.30 1.78 0.00	37.24 1.71 0.00	37.27 1.74 0.00	37.78 1.76 0.00	37.22 1.84 0.00	37.27 2.01 0.00	37.07 2.13 0.00	41.20 2.51 0.00	44.67 2.96 0.00	40.57 2.62 0.00	38.87 2.48 0.00	36.44 2.29 0.00	33.52 2.08 0.00	31.25 1.68 0.00	30.01 1.43 0.00
EIGHT_POINT___WT_PWR 323820	31.23 -0.90 0.00	29.92 -0.77 0.00	30.17 -0.65 0.00	29.56 -0.57 0.00	29.55 -0.51 0.00	30.37 -0.53 0.00	30.73 -0.66 0.00	29.41 -1.19 0.00	30.74 -1.72 0.00	33.32 -2.20 0.00	33.55 -1.99 0.00	32.94 -2.59 0.00	33.21 -2.81 0.00	32.45 -2.94 0.00	31.91 -3.35 0.00	31.72 -3.21 0.00	35.17 -3.52 0.00	37.78 -3.92 0.00	34.54 -3.42 0.00	33.33 -3.06 0.00	31.35 -2.80 0.00	28.93 -2.52 0.00	26.94 -2.63 0.00	26.27 -2.31 0.00
ELBRIDGE_115KV_TB2 80188	31.30 -0.84 0.00	29.95 -0.74 0.00	30.05 -0.77 0.00	29.41 -0.72 0.00	29.34 -0.72 0.00	30.13 -0.77 0.00	30.64 -0.75 0.00	29.81 -0.80 0.00	31.58 -0.88 0.00	34.57 -0.96 0.00	34.72 -0.82 0.00	34.71 -0.82 0.00	35.15 -0.86 0.00	34.47 -0.92 0.00	34.38 -0.88 0.00	34.06 -0.87 0.00	37.72 -0.97 0.00	40.62 -1.08 0.00	37.01 -0.95 0.00	35.52 -0.87 0.00	33.33 -0.82 0.00	30.73 -0.72 0.00	28.89 -0.68 0.00	27.90 -0.69 0.00
ELEC_TRO_TEK 24086	33.80 1.67 0.00	32.10 1.41 0.00	31.96 1.14 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.95 1.05 0.00	32.61 1.22 0.00	32.29 1.68 0.00	34.47 2.01 0.00	37.73 2.20 0.00	37.85 2.31 0.00	37.85 2.31 -0.02	39.88 2.41 -1.45	42.62 2.48 -4.76	40.51 2.57 -2.68	47.84 2.62 -10.28	50.57 2.98 -8.90	50.16 3.34 -5.12	50.18 3.04 -9.19	48.23 2.91 -8.93	41.27 2.80 -4.32	35.14 2.58 -1.12	31.82 2.25 0.00	30.47 1.89 0.00

ELLENBURG_WT_PWR 323604	32.48 0.35 0.00	31.08 0.40 0.00	31.28 0.46 0.00	30.55 0.42 0.00	30.52 0.45 0.00	31.46 0.56 0.00	31.70 0.31 0.00	30.95 0.34 0.00	32.82 0.36 0.00	35.92 0.39 0.00	35.97 0.43 0.00	35.99 0.46 0.00	36.42 0.40 0.00	35.70 0.32 0.00	35.40 0.14 0.00	34.90 -0.03 0.00	38.57 -0.12 0.00	41.37 -0.34 0.00	37.54 -0.42 0.00	35.81 -0.58 0.00	33.54 -0.61 0.00	30.69 -0.76 0.00	28.86 -0.71 0.00	28.04 -0.54 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.98 -2.15 0.00	28.97 -1.72 0.00	28.91 -1.91 0.00	28.32 -1.81 0.00	28.41 -1.65 0.00	29.14 -1.76 0.00	29.57 -1.82 0.00	28.19 -2.42 0.00	29.51 -2.95 0.00	32.33 -3.20 0.00	32.84 -2.70 0.00	32.79 -2.74 0.00	32.63 -3.39 0.00	31.74 -3.64 0.00	31.91 -3.35 0.00	31.62 -3.32 0.00	34.82 -3.87 0.00	36.99 -4.71 0.00	33.93 -4.02 0.00	32.82 -3.57 0.00	30.91 -3.24 0.00	28.62 -2.83 0.00	27.17 -2.40 0.00	26.24 -2.34 0.00
EMPIRE_CC_1 323656	33.16 1.03 0.00	31.64 0.95 0.00	31.75 0.92 0.00	31.01 0.87 0.00	30.94 0.87 0.00	31.80 0.90 0.00	32.33 0.94 0.00	31.62 1.01 0.00	33.56 1.10 0.00	36.74 1.21 0.00	36.43 0.89 0.00	36.49 0.96 0.00	37.03 1.01 0.00	36.41 1.03 0.00	36.36 1.09 0.00	36.06 1.12 0.00	39.96 1.27 0.00	43.16 1.46 0.00	39.28 1.33 0.00	37.63 1.24 0.00	35.35 1.19 0.00	32.58 1.13 0.00	30.60 1.03 0.00	29.52 0.94 0.00
EMPIRE_CC_2 323658	33.16 1.03 0.00	31.64 0.95 0.00	31.75 0.92 0.00	31.01 0.87 0.00	30.94 0.87 0.00	31.80 0.90 0.00	32.33 0.94 0.00	31.62 1.01 0.00	33.56 1.10 0.00	36.74 1.21 0.00	36.43 0.89 0.00	36.49 0.96 0.00	37.03 1.01 0.00	36.41 1.03 0.00	36.36 1.09 0.00	36.06 1.12 0.00	39.96 1.27 0.00	43.16 1.46 0.00	39.28 1.33 0.00	37.63 1.24 0.00	35.35 1.19 0.00	32.58 1.13 0.00	30.60 1.03 0.00	29.52 0.94 0.00
ENORWICH_115KV_TB1 80156	33.80 1.67 0.00	32.28 1.60 0.00	32.49 1.66 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.63 1.73 0.00	33.34 1.95 0.00	32.38 1.78 0.00	34.34 1.88 0.00	37.55 2.03 0.00	37.71 2.17 0.00	37.62 2.10 0.00	37.96 1.95 0.00	36.94 1.56 0.00	36.85 1.59 0.00	36.44 1.50 0.00	40.43 1.74 0.00	43.58 1.88 0.00	39.63 1.67 0.00	38.10 1.71 0.00	35.59 1.43 0.00	32.71 1.26 0.00	30.69 1.12 0.00	29.64 1.06 0.00
ERIE_ST__34_KV_TB1-2 80199	30.52 -1.61 0.00	29.46 -1.23 0.00	29.43 -1.39 0.00	28.84 -1.30 0.00	28.89 -1.17 0.00	29.63 -1.27 0.00	30.10 -1.29 0.00	28.71 -1.90 0.00	30.09 -2.37 0.00	32.97 -2.56 0.00	33.48 -2.06 0.00	33.43 -2.10 0.00	33.32 -2.70 0.00	32.41 -2.97 0.00	32.55 -2.72 0.00	32.28 -2.66 0.00	35.51 -3.17 0.00	37.87 -3.84 0.00	34.69 -3.26 0.00	33.59 -2.80 0.00	31.59 -2.56 0.00	29.22 -2.23 0.00	27.68 -1.89 0.00	26.75 -1.83 0.00
ERIE_WT_PWR 323693	30.17 -1.96 0.00	28.94 -1.75 0.00	29.13 -1.70 0.00	28.50 -1.63 0.00	28.50 -1.56 0.00	29.32 -1.57 0.00	29.69 -1.70 0.00	28.31 -2.30 0.00	29.73 -2.73 0.00	32.54 -2.98 0.00	33.05 -2.49 0.00	32.33 -3.20 0.00	32.85 -3.17 0.00	32.20 -3.18 0.00	31.74 -3.53 0.00	31.79 -3.14 0.00	35.05 -3.64 0.00	37.24 -4.46 0.00	34.12 -3.83 0.00	33.08 -3.31 0.00	31.15 -3.01 0.00	28.84 -2.61 0.00	26.85 -2.72 0.00	26.47 -2.11 0.00
ESPRGFLD_115KV_TB1 80157	32.87 0.74 0.00	31.33 0.64 0.00	31.47 0.65 0.00	30.76 0.63 0.00	30.67 0.60 0.00	31.58 0.68 0.00	32.24 0.85 0.00	31.40 0.80 0.00	33.37 0.91 0.00	36.52 0.99 0.00	36.64 1.10 0.00	36.56 1.03 0.00	37.06 1.04 0.00	36.41 1.03 0.00	36.28 1.02 0.00	36.09 1.15 0.00	40.08 1.39 0.00	43.33 1.63 0.00	39.40 1.44 0.00	37.77 1.38 0.00	35.41 1.26 0.00	32.49 1.04 0.00	30.43 0.86 0.00	29.33 0.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.13 0.00 0.00	30.68 0.00 0.00	30.82 0.00 0.00	30.16 0.03 0.00	30.10 0.03 0.00	30.93 0.03 0.00	31.48 0.09 0.00	30.61 0.00 0.00	32.40 -0.06 0.00	35.46 -0.07 0.00	35.65 0.11 0.00	35.63 0.11 0.00	36.02 0.00 0.00	35.31 -0.07 0.00	35.23 -0.04 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.66 -0.04 0.00	37.96 0.00 0.00	36.46 0.07 0.00	34.15 0.00 0.00	31.48 0.03 0.00	29.54 -0.03 0.00	28.53 -0.06 0.00
ETNA____115KV_TB2 80207	32.13 0.00 0.00	30.68 0.00 0.00	30.82 0.00 0.00	30.16 0.03 0.00	30.10 0.03 0.00	30.93 0.03 0.00	31.48 0.09 0.00	30.61 0.00 0.00	32.40 -0.06 0.00	35.46 -0.07 0.00	35.65 0.11 0.00	35.63 0.11 0.00	36.02 0.00 0.00	35.31 -0.07 0.00	35.23 -0.04 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.66 -0.04 0.00	37.96 0.00 0.00	36.46 0.07 0.00	34.15 0.00 0.00	31.48 0.03 0.00	29.54 -0.03 0.00	28.53 -0.06 0.00
EUCLID____115KV_TB2 356179	31.17 -0.96 0.00	29.79 -0.89 0.00	29.90 -0.92 0.00	29.26 -0.87 0.00	29.19 -0.87 0.00	30.00 -0.90 0.00	30.48 -0.91 0.00	29.66 -0.95 0.00	31.42 -1.04 0.00	34.43 -1.10 0.00	34.54 -1.00 0.00	34.53 -0.99 0.00	34.94 -1.08 0.00	34.29 -1.10 0.00	34.20 -1.06 0.00	33.92 -1.01 0.00	37.53 -1.16 0.00	40.41 -1.29 0.00	36.82 -1.14 0.00	35.34 -1.06 0.00	33.16 -0.99 0.00	30.57 -0.88 0.00	28.74 -0.83 0.00	27.78 -0.80 0.00
E_CANADA_CAP_HY 24051	33.22 1.09 0.00	31.64 0.95 0.00	31.75 0.92 0.00	31.03 0.90 0.00	30.94 0.87 0.00	31.82 0.93 0.00	32.49 1.10 0.00	31.68 1.07 0.00	33.66 1.20 0.00	36.77 1.24 0.00	36.85 1.32 0.00	36.77 1.24 0.00	37.21 1.19 0.00	36.70 1.31 0.00	36.60 1.34 0.00	36.51 1.57 0.00	40.54 1.86 0.00	43.91 2.21 0.00	39.89 1.93 0.00	38.21 1.82 0.00	35.89 1.74 0.00	32.86 1.42 0.00	30.66 1.09 0.00	29.52 0.94 0.00
E_CANADA_MHWK_HY 24050	33.58 1.45 0.00	32.07 1.38 0.00	32.21 1.39 0.00	31.49 1.36 0.00	31.39 1.32 0.00	32.20 1.30 0.00	32.61 1.22 0.00	31.71 1.10 0.00	33.53 1.07 0.00	36.56 1.03 0.00	36.46 0.92 0.00	36.45 0.92 0.00	36.95 0.93 0.00	36.27 0.89 0.00	36.18 0.92 0.00	35.81 0.87 0.00	39.61 0.93 0.00	42.70 1.00 0.00	38.87 0.91 0.00	37.26 0.87 0.00	34.97 0.82 0.00	32.24 0.79 0.00	30.31 0.74 0.00	29.30 0.71 0.00
E_FISHKILL____LBMP 23776	33.45 1.32 0.00	31.85 1.17 0.00	31.90 1.08 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.49 1.10 0.00	31.89 1.29 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.07 1.53 0.00	37.09 1.56 0.00	37.71 1.69 0.00	37.15 1.77 0.00	37.09 1.83 0.00	36.82 1.89 0.00	40.85 2.17 0.00	44.17 2.46 0.00	40.20 2.24 0.00	38.50 2.11 0.00	36.17 2.01 0.00	33.30 1.86 0.00	31.17 1.60 0.00	30.04 1.46 0.00
FALCON____SEABRD_CC1 323796	32.93 0.80 0.00	31.51 0.83 0.00	31.72 0.89 0.00	30.95 0.81 0.00	30.94 0.87 0.00	31.86 0.96 0.00	31.96 0.57 0.00	31.16 0.55 0.00	33.08 0.62 0.00	36.20 0.67 0.00	36.25 0.71 0.00	36.27 0.75 0.00	36.70 0.68 0.00	35.95 0.56 0.00	35.69 0.42 0.00	35.11 0.18 0.00	38.84 0.16 0.00	41.66 -0.04 0.00	37.80 -0.15 0.00	36.06 -0.33 0.00	33.78 -0.37 0.00	30.91 -0.53 0.00	29.04 -0.53 0.00	28.38 -0.20 0.00

FALCON___SEABRD_CC2 323797	32.93 0.80 0.00	31.51 0.83 0.00	31.72 0.89 0.00	30.95 0.81 0.00	30.94 0.87 0.00	31.86 0.96 0.00	31.96 0.57 0.00	31.16 0.55 0.00	33.08 0.62 0.00	36.20 0.67 0.00	36.25 0.71 0.00	36.27 0.75 0.00	36.70 0.68 0.00	35.95 0.56 0.00	35.69 0.42 0.00	35.11 0.18 0.00	38.84 0.16 0.00	41.66 -0.04 0.00	37.80 -0.15 0.00	36.06 -0.33 0.00	33.78 -0.37 0.00	30.91 -0.53 0.00	29.04 -0.53 0.00	28.38 -0.20 0.00
FAR ROCKAWAY___4 23548	34.22 2.09 0.00	32.46 1.78 0.00	32.33 1.51 0.00	31.52 1.39 0.00	31.39 1.32 0.00	32.29 1.39 0.00	32.96 1.57 0.00	32.66 2.05 0.00	34.86 2.40 0.00	38.23 2.70 0.00	38.38 2.84 0.00	38.38 2.84 -0.01	40.30 2.95 -1.33	42.72 2.97 -4.36	40.82 3.10 -2.45	47.40 3.11 -9.35	50.31 3.52 -8.10	50.28 3.92 -4.65	49.89 3.57 -8.36	47.93 3.42 -8.12	41.39 3.28 -3.96	35.49 3.02 -1.02	32.23 2.66 0.00	30.84 2.26 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.37 1.85 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.10 2.17 0.00	41.24 2.55 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.37 1.85 0.00	37.32 1.78 0.00	37.37 1.85 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.14 2.20 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.54 2.39 0.00	33.62 2.17 0.00	31.40 1.83 0.00	30.27 1.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.58 1.45 0.00	31.94 1.26 0.00	31.96 1.14 0.00	31.22 1.08 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.37 1.80 0.00	30.24 1.66 0.00
FARRAGUT___LBMP 323566	33.58 1.45 0.00	31.91 1.23 0.00	31.96 1.14 0.00	31.19 1.05 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.30 1.78 0.00	37.28 1.74 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.34 2.08 0.00	37.07 2.13 0.00	41.16 2.48 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.56 2.11 0.00	31.37 1.80 0.00	30.24 1.66 0.00
FENNER___WINDPWR 24204	32.32 0.19 0.00	30.87 0.19 0.00	31.01 0.19 0.00	30.34 0.21 0.00	30.28 0.21 0.00	31.12 0.22 0.00	31.67 0.28 0.00	30.85 0.24 0.00	32.72 0.26 0.00	35.85 0.32 0.00	35.97 0.43 0.00	35.88 0.36 0.00	36.38 0.36 0.00	35.70 0.32 0.00	35.54 0.28 0.00	35.25 0.31 0.00	39.03 0.35 0.00	42.04 0.33 0.00	38.26 0.30 0.00	36.72 0.33 0.00	34.42 0.27 0.00	31.67 0.22 0.00	29.75 0.18 0.00	28.78 0.20 0.00
FIBERTEK___ENERGY 23856	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.76 -0.63 0.00	29.97 -0.64 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.68 -0.71 0.00	34.56 -0.71 0.00	34.27 -0.66 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.23 -0.72 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.04 -0.54 0.00
FITZPATRICK____ 23598	30.78 -1.35 0.00	29.43 -1.26 0.00	29.56 -1.27 0.00	28.89 -1.24 0.00	28.83 -1.23 0.00	29.63 -1.27 0.00	30.10 -1.29 0.00	29.32 -1.28 0.00	31.07 -1.39 0.00	34.00 -1.53 0.00	34.08 -1.46 0.00	34.04 -1.49 0.00	34.51 -1.51 0.00	33.90 -1.48 0.00	33.75 -1.52 0.00	33.47 -1.47 0.00	37.06 -1.62 0.00	39.91 -1.79 0.00	36.36 -1.59 0.00	34.90 -1.49 0.00	32.72 -1.43 0.00	30.19 -1.26 0.00	28.51 -1.06 0.00	27.61 -0.97 0.00
FLOWRFLD_69_KV_BK1 356044	34.44 2.31 0.00	32.68 1.99 0.00	32.46 1.63 0.00	31.64 1.51 0.00	31.51 1.44 0.00	32.44 1.54 0.00	33.18 1.79 0.00	32.97 2.36 0.00	35.22 2.76 0.00	38.55 3.02 0.00	38.74 3.20 0.00	38.73 3.20 -0.01	40.19 3.35 -0.83	41.49 3.40 -2.71	40.34 3.56 -1.52	44.85 3.67 -6.24	48.27 4.18 -5.40	49.48 4.67 -3.10	47.71 4.18 -5.58	45.78 3.97 -5.42	40.36 3.76 -2.46	35.54 3.46 -0.64	32.56 2.99 0.00	31.07 2.49 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.90 1.51 0.00	32.26 1.65 0.00	34.34 1.88 0.00	37.59 2.06 0.00	37.53 1.99 0.00	37.48 1.95 0.00	38.11 2.09 0.00	37.58 2.19 0.00	37.55 2.29 0.00	37.31 2.38 0.00	41.43 2.75 0.00	44.83 3.13 0.00	40.76 2.81 0.00	39.05 2.66 0.00	36.64 2.49 0.00	33.74 2.30 0.00	31.52 1.95 0.00	30.38 1.80 0.00
FORT ORANGE____ 23900	33.32 1.19 0.00	31.79 1.10 0.00	31.90 1.08 0.00	31.16 1.03 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.74 1.13 0.00	33.72 1.26 0.00	36.88 1.35 0.00	36.53 0.99 0.00	36.59 1.06 0.00	37.10 1.08 0.00	36.52 1.13 0.00	36.46 1.20 0.00	36.19 1.26 0.00	40.08 1.39 0.00	43.33 1.62 0.00	39.40 1.44 0.00	37.81 1.42 0.00	35.52 1.37 0.00	32.71 1.26 0.00	30.66 1.09 0.00	29.67 1.09 0.00
FORT_DRUM_COGEN 23780	31.97 -0.16 0.00	30.47 -0.21 0.00	30.67 -0.15 0.00	30.01 -0.12 0.00	29.91 -0.15 0.00	30.74 -0.15 0.00	31.23 -0.16 0.00	30.49 -0.12 0.00	32.40 -0.06 0.00	35.49 -0.04 0.00	35.43 -0.11 0.00	35.42 -0.11 0.00	35.80 -0.22 0.00	35.07 -0.32 0.00	34.98 -0.28 0.00	34.66 -0.28 0.00	38.45 -0.23 0.00	41.54 -0.17 0.00	37.73 -0.23 0.00	36.21 -0.18 0.00	33.81 -0.34 0.00	31.04 -0.41 0.00	29.19 -0.38 0.00	28.15 -0.43 0.00
FOX_HILLS___ESR 323835	45.41 1.77 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.85 1.42 -13.30	44.82 1.35 -13.40	44.88 1.36 -12.62	44.88 1.41 -12.07	45.41 1.65 -13.15	46.70 1.88 -12.36	47.59 2.03 -10.04	46.71 1.99 -9.18	47.45 2.03 -9.89	48.06 2.16 -9.88	48.09 2.26 -10.44	47.51 2.33 -9.93	47.48 2.38 -10.17	47.59 2.75 -6.16	48.41 3.09 -3.62	48.03 2.85 -7.23	48.10 2.69 -9.02	47.62 2.60 -10.87	48.11 2.39 -14.28	47.52 2.07 -15.88	45.87 2.00 -15.29
FPL FAR_ROCK_GT1 24212	34.25 2.12 0.00	32.53 1.84 0.00	32.36 1.54 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.02 1.63 0.00	32.69 2.08 0.00	34.86 2.40 0.00	38.23 2.70 0.00	38.38 2.84 0.00	38.42 2.88 -0.01	40.30 2.95 -1.33	42.68 2.94 -4.36	40.78 3.07 -2.45	47.40 3.11 -9.35	50.31 3.52 -8.10	50.28 3.92 -4.65	49.88 3.57 -8.36	47.93 3.42 -8.12	41.35 3.25 -3.96	35.46 2.99 -1.02	32.00 2.43 0.00	30.50 1.92 0.00



FPL FAR_ROCK_GT2 23815	34.25 2.12 0.00	32.53 1.84 0.00	32.36 1.54 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.02 1.63 0.00	32.69 2.08 0.00	34.86 2.40 0.00	38.23 2.70 0.00	38.38 2.84 0.00	38.42 2.88 -0.01	40.30 2.95 -1.33	42.68 2.94 -4.36	40.78 3.07 -2.45	47.40 3.11 -9.35	50.31 3.52 -8.10	50.28 3.92 -4.65	49.88 3.57 -8.36	47.93 3.42 -8.12	41.35 3.25 -3.96	35.46 2.99 -1.02	32.00 2.43 0.00	30.50 1.92 0.00
FRANKLIN_FALL_HYD 24054	32.93 0.80 0.00	31.48 0.80 0.00	31.75 0.92 0.00	30.98 0.84 0.00	30.94 0.87 0.00	31.86 0.96 0.00	32.17 0.78 0.00	31.40 0.80 0.00	33.30 0.84 0.00	36.49 0.96 0.00	36.57 1.03 0.00	36.56 1.03 0.00	36.99 0.97 0.00	36.23 0.85 0.00	35.97 0.71 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.08 0.38 0.00	38.18 0.23 0.00	36.46 0.07 0.00	34.19 0.03 0.00	31.26 -0.19 0.00	29.39 -0.18 0.00	28.55 -0.03 0.00
FREEPORT_EQUS_GT1 23764	34.06 1.93 0.00	32.37 1.69 0.00	32.18 1.35 0.00	31.40 1.27 0.00	31.27 1.20 0.00	32.14 1.24 0.00	32.83 1.44 0.00	32.54 1.93 0.00	34.70 2.24 0.00	38.01 2.49 0.00	38.13 2.59 0.00	38.21 2.67 -0.01	39.86 2.74 -1.10	41.73 2.72 -3.62	40.15 2.85 -2.03	45.86 2.94 -7.99	48.89 3.29 -6.92	49.39 3.71 -3.97	48.47 3.38 -7.14	46.57 3.24 -6.94	40.54 3.11 -3.28	35.13 2.83 -0.85	31.88 2.31 0.00	30.36 1.77 0.00
FREEPORT___CT2 23818	34.06 1.93 0.00	32.37 1.69 0.00	32.18 1.35 0.00	31.40 1.27 0.00	31.27 1.20 0.00	32.14 1.24 0.00	32.83 1.44 0.00	32.54 1.93 0.00	34.70 2.24 0.00	38.01 2.49 0.00	38.13 2.59 0.00	38.21 2.67 -0.01	39.86 2.74 -1.10	41.73 2.72 -3.62	40.15 2.85 -2.03	45.86 2.94 -7.99	48.89 3.29 -6.92	49.39 3.71 -3.97	48.47 3.38 -7.14	46.57 3.24 -6.94	40.54 3.11 -3.28	35.13 2.83 -0.85	31.88 2.31 0.00	30.36 1.77 0.00
FRESHKLS_33_KV_LOAD 356253	45.44 1.80 -11.51	44.97 1.63 -12.66	44.94 1.54 -12.58	44.91 1.48 -13.30	44.91 1.44 -13.40	44.94 1.42 -12.62	44.94 1.48 -12.07	45.44 1.68 -13.15	46.70 1.88 -12.36	47.59 2.03 -10.04	46.71 1.99 -9.18	47.45 2.03 -9.89	48.02 2.13 -9.88	48.09 2.26 -10.44	47.51 2.33 -9.93	47.48 2.38 -10.17	47.59 2.75 -6.16	48.46 3.13 -3.62	48.03 2.85 -7.23	48.14 2.73 -9.02	47.62 2.60 -10.87	48.11 2.39 -14.28	47.55 2.10 -15.88	45.90 2.03 -15.29
FULTON COGEN____ 23766	31.01 -1.12 0.00	29.64 -1.04 0.00	29.74 -1.08 0.00	29.11 -1.02 0.00	29.04 -1.02 0.00	29.85 -1.05 0.00	30.32 -1.07 0.00	29.54 -1.07 0.00	31.29 -1.17 0.00	34.28 -1.24 0.00	34.40 -1.14 0.00	34.43 -1.10 0.00	34.83 -1.19 0.00	34.18 -1.20 0.00	34.10 -1.16 0.00	33.78 -1.15 0.00	37.37 -1.32 0.00	40.29 -1.42 0.00	36.70 -1.25 0.00	35.23 -1.16 0.00	33.02 -1.13 0.00	30.44 -1.01 0.00	28.65 -0.92 0.00	27.67 -0.91 0.00
FULTON___LFGE 323630	33.77 1.64 0.00	32.13 1.44 0.00	32.24 1.42 0.00	31.52 1.39 0.00	31.42 1.35 0.00	32.32 1.42 0.00	32.99 1.60 0.00	32.17 1.56 0.00	34.18 1.72 0.00	37.34 1.81 0.00	37.42 1.88 0.00	37.37 1.85 0.00	37.82 1.80 0.00	37.26 1.87 0.00	37.20 1.94 0.00	37.03 2.10 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.54 2.58 0.00	38.79 2.40 0.00	36.40 2.25 0.00	33.34 1.89 0.00	31.14 1.57 0.00	29.98 1.40 0.00
G.F.CEMENT___DRP 24184	33.22 1.09 0.00	31.60 0.92 0.00	31.72 0.89 0.00	30.98 0.84 0.00	30.91 0.84 0.00	31.79 0.90 0.00	32.43 1.04 0.00	31.65 1.04 0.00	33.73 1.27 0.00	36.95 1.42 0.00	36.92 1.39 0.00	36.98 1.46 0.00	37.50 1.48 0.00	36.87 1.49 0.00	36.74 1.48 0.00	36.51 1.57 0.00	40.54 1.86 0.00	43.87 2.17 0.00	39.82 1.86 0.00	38.10 1.71 0.00	35.76 1.61 0.00	32.83 1.38 0.00	31.31 1.74 0.00	30.21 1.63 0.00
GARDENVILLE___LBMP 24039	30.07 -2.06 0.00	29.06 -1.63 0.00	29.03 -1.79 0.00	28.44 -1.69 0.00	28.53 -1.53 0.00	29.26 -1.64 0.00	29.69 -1.70 0.00	28.31 -2.30 0.00	29.60 -2.86 0.00	32.44 -3.09 0.00	32.94 -2.59 0.00	32.86 -2.66 0.00	32.71 -3.31 0.00	31.81 -3.57 0.00	31.98 -3.28 0.00	31.72 -3.21 0.00	34.90 -3.79 0.00	37.12 -4.59 0.00	34.05 -3.91 0.00	32.93 -3.46 0.00	31.01 -3.14 0.00	28.71 -2.74 0.00	27.26 -2.31 0.00	26.30 -2.29 0.00
GARDNVLA_35_KV_LD 355827	30.20 -1.93 0.00	29.18 -1.50 0.00	29.16 -1.66 0.00	28.56 -1.57 0.00	28.62 -1.44 0.00	29.35 -1.54 0.00	29.82 -1.57 0.00	28.40 -2.20 0.00	29.73 -2.73 0.00	32.58 -2.95 0.00	33.09 -2.45 0.00	33.04 -2.49 0.00	32.89 -3.13 0.00	31.99 -3.40 0.00	32.16 -3.10 0.00	31.86 -3.07 0.00	35.09 -3.60 0.00	37.33 -4.38 0.00	34.24 -3.72 0.00	33.12 -3.28 0.00	31.18 -2.97 0.00	28.84 -2.61 0.00	27.41 -2.16 0.00	26.44 -2.14 0.00
GELCKHM___115KV_LOAD 80723	31.26 -0.87 0.00	29.89 -0.80 0.00	29.99 -0.83 0.00	29.35 -0.78 0.00	29.28 -0.78 0.00	30.10 -0.80 0.00	30.57 -0.82 0.00	29.78 -0.83 0.00	31.52 -0.94 0.00	34.53 -0.99 0.00	34.69 -0.85 0.00	34.67 -0.85 0.00	35.08 -0.94 0.00	34.43 -0.96 0.00	34.34 -0.92 0.00	34.03 -0.91 0.00	37.68 -1.01 0.00	40.58 -1.13 0.00	36.97 -0.99 0.00	35.48 -0.91 0.00	33.26 -0.89 0.00	30.66 -0.79 0.00	28.86 -0.71 0.00	27.87 -0.71 0.00
GENERAL___MILLS 23808	30.17 -1.96 0.00	29.15 -1.53 0.00	29.13 -1.70 0.00	28.53 -1.60 0.00	28.59 -1.47 0.00	29.32 -1.58 0.00	29.76 -1.63 0.00	28.37 -2.23 0.00	29.70 -2.76 0.00	32.54 -2.98 0.00	33.05 -2.49 0.00	33.00 -2.52 0.00	32.85 -3.17 0.00	31.95 -3.43 0.00	32.12 -3.14 0.00	31.83 -3.11 0.00	35.01 -3.68 0.00	37.24 -4.46 0.00	34.16 -3.80 0.00	33.08 -3.31 0.00	31.11 -3.04 0.00	28.81 -2.64 0.00	27.35 -2.22 0.00	26.41 -2.17 0.00
GE_PLASTICS___DRP 24183	33.03 0.90 0.00	31.48 0.80 0.00	31.62 0.80 0.00	30.92 0.78 0.00	30.82 0.75 0.00	31.67 0.77 0.00	32.24 0.85 0.00	31.47 0.86 0.00	33.43 0.97 0.00	36.56 1.03 0.00	36.36 0.82 0.00	36.34 0.82 0.00	36.92 0.90 0.00	36.34 0.96 0.00	36.21 0.95 0.00	35.95 1.01 0.00	39.81 1.12 0.00	43.00 1.29 0.00	39.09 1.14 0.00	37.52 1.13 0.00	35.24 1.09 0.00	32.52 1.07 0.00	30.52 0.95 0.00	29.53 0.94 0.00
GILBOA___1 23756	32.81 0.68 0.00	31.30 0.61 0.00	31.53 0.71 0.00	30.79 0.66 0.00	30.73 0.66 0.00	31.58 0.68 0.00	32.11 0.72 0.00	31.25 0.64 0.00	33.21 0.75 0.00	36.31 0.78 0.00	36.29 0.75 0.00	36.42 0.89 0.00	36.95 0.93 0.00	36.30 0.92 0.00	36.25 0.99 0.00	35.84 0.91 0.00	39.69 1.00 0.00	42.87 1.17 0.00	39.02 1.06 0.00	37.41 1.02 0.00	35.14 0.99 0.00	32.36 0.91 0.00	30.34 0.77 0.00	29.24 0.66 0.00
GILBOA___2 23757	32.81 0.68 0.00	31.30 0.61 0.00	31.53 0.71 0.00	30.79 0.66 0.00	30.73 0.66 0.00	31.58 0.68 0.00	32.11 0.72 0.00	31.25 0.64 0.00	33.21 0.75 0.00	36.31 0.78 0.00	36.29 0.75 0.00	36.42 0.89 0.00	36.95 0.93 0.00	36.30 0.92 0.00	36.25 0.99 0.00	35.84 0.91 0.00	39.69 1.00 0.00	42.87 1.17 0.00	39.02 1.06 0.00	37.41 1.02 0.00	35.14 0.99 0.00	32.36 0.91 0.00	30.34 0.77 0.00	29.24 0.66 0.00

GILBOA___3 23758	32.81 0.68 0.00	31.30 0.61 0.00	31.53 0.71 0.00	30.79 0.66 0.00	30.73 0.66 0.00	31.58 0.68 0.00	32.11 0.72 0.00	31.25 0.64 0.00	33.21 0.75 0.00	36.31 0.78 0.00	36.29 0.75 0.00	36.42 0.89 0.00	36.95 0.93 0.00	36.30 0.92 0.00	36.25 0.99 0.00	35.84 0.91 0.00	39.69 1.00 0.00	42.87 1.17 0.00	39.02 1.06 0.00	37.41 1.02 0.00	35.14 0.99 0.00	32.36 0.91 0.00	30.34 0.77 0.00	29.24 0.66 0.00
GILBOA___4 23759	32.81 0.68 0.00	31.30 0.61 0.00	31.53 0.71 0.00	30.79 0.66 0.00	30.73 0.66 0.00	31.58 0.68 0.00	32.11 0.72 0.00	31.25 0.64 0.00	33.21 0.75 0.00	36.31 0.78 0.00	36.29 0.75 0.00	36.42 0.89 0.00	36.95 0.93 0.00	36.30 0.92 0.00	36.25 0.99 0.00	35.84 0.91 0.00	39.69 1.00 0.00	42.87 1.17 0.00	39.02 1.06 0.00	37.41 1.02 0.00	35.14 0.99 0.00	32.36 0.91 0.00	30.34 0.77 0.00	29.24 0.66 0.00
GILBOA___ 23599	32.81 0.67 0.00	31.30 0.61 0.00	31.50 0.68 0.00	30.79 0.66 0.00	30.70 0.63 0.00	31.55 0.65 0.00	32.11 0.72 0.00	31.25 0.64 0.00	33.21 0.75 0.00	36.31 0.78 0.00	36.28 0.75 0.00	36.27 0.75 0.00	36.96 0.94 0.00	36.34 0.96 0.00	36.11 0.85 0.00	35.85 0.91 0.00	39.69 1.01 0.00	42.87 1.17 0.00	39.02 1.06 0.00	37.41 1.02 0.00	35.14 0.99 0.00	32.36 0.91 0.00	30.37 0.80 0.00	29.33 0.74 0.00
GINNA___ 23603	29.34 -2.80 0.00	28.05 -2.64 0.00	28.17 -2.65 0.00	27.54 -2.59 0.00	27.48 -2.59 0.00	28.27 -2.63 0.00	28.72 -2.67 0.00	27.79 -2.82 0.00	29.34 -3.12 0.00	32.33 -3.20 0.00	32.66 -2.88 0.00	32.29 -3.23 0.00	32.81 -3.21 0.00	32.24 -3.15 0.00	31.95 -3.32 0.00	31.83 -3.11 0.00	35.21 -3.48 0.00	37.62 -4.09 0.00	34.35 -3.61 0.00	33.08 -3.31 0.00	31.04 -3.11 0.00	28.62 -2.83 0.00	26.82 -2.75 0.00	26.12 -2.46 0.00
GLEN PARK___ 23778	32.07 -0.06 0.00	30.59 -0.09 0.00	30.76 -0.06 0.00	30.13 0.00 0.00	30.01 -0.06 0.00	30.87 -0.03 0.00	31.36 -0.03 0.00	30.61 0.00 0.00	32.56 0.10 0.00	35.67 0.14 0.00	35.65 0.11 0.00	35.60 0.07 0.00	35.98 -0.04 0.00	35.24 -0.14 0.00	35.16 -0.11 0.00	34.87 -0.07 0.00	38.69 0.00 0.00	41.79 0.08 0.00	37.96 0.00 0.00	36.46 0.07 0.00	34.02 -0.14 0.00	31.23 -0.22 0.00	29.36 -0.21 0.00	28.35 -0.23 0.00
GLENDALE_27_KV_LOAD 356172	33.83 1.70 0.00	32.19 1.50 0.00	32.18 1.36 0.00	31.43 1.30 0.00	31.30 1.23 0.00	32.13 1.24 0.00	32.71 1.32 0.00	32.20 1.59 0.00	34.28 1.82 0.00	37.52 1.99 0.00	37.49 1.95 0.00	37.55 2.03 0.00	38.14 2.13 0.00	37.61 2.23 0.00	37.59 2.33 0.00	37.28 2.34 0.00	41.39 2.71 0.00	44.79 3.09 0.00	40.76 2.81 0.00	39.08 2.69 0.00	36.71 2.56 0.00	33.78 2.33 0.00	31.58 2.01 0.00	30.50 1.92 0.00
GLENWOOD_IC_1_G5 23712	33.87 1.74 0.00	32.19 1.50 0.00	32.12 1.29 0.00	31.34 1.21 0.00	31.21 1.14 0.00	32.10 1.21 0.00	32.74 1.35 0.00	32.32 1.71 0.00	34.47 2.01 0.00	37.73 2.20 0.00	37.81 2.27 0.00	37.85 2.31 -0.02	39.85 2.41 -1.42	42.53 2.48 -4.66	40.46 2.57 -2.62	47.70 2.62 -10.14	50.44 2.98 -8.78	50.08 3.34 -5.04	50.06 3.04 -9.06	48.07 2.87 -8.80	41.15 2.77 -4.23	35.09 2.55 -1.09	31.79 2.22 0.00	30.50 1.92 0.00
GLENWOOD_IC_2_G1 23688	33.77 1.64 0.00	32.13 1.44 0.00	32.09 1.26 0.00	31.31 1.17 0.00	31.21 1.14 0.00	32.04 1.14 0.00	32.68 1.29 0.00	32.20 1.59 0.00	34.28 1.82 0.00	37.55 2.02 0.00	37.56 2.02 0.00	37.62 2.10 0.00	38.24 2.16 -0.06	37.78 2.19 -0.20	37.70 2.33 -0.11	37.74 2.38 -0.43	41.77 2.71 -0.37	45.00 3.09 -0.21	41.15 2.81 -0.38	39.42 2.66 -0.37	36.86 2.53 -0.18	33.79 2.29 -0.05	31.40 1.83 0.00	30.07 1.49 0.00
GLENWOOD_IC_3_G1 23689	33.77 1.64 0.00	32.13 1.44 0.00	32.09 1.26 0.00	31.31 1.17 0.00	31.21 1.14 0.00	32.04 1.14 0.00	32.68 1.29 0.00	32.20 1.59 0.00	34.28 1.82 0.00	37.55 2.02 0.00	37.56 2.02 0.00	37.62 2.10 0.00	38.24 2.16 -0.06	37.78 2.19 -0.20	37.70 2.33 -0.11	37.74 2.38 -0.43	41.77 2.71 -0.37	45.00 3.09 -0.21	41.15 2.81 -0.38	39.42 2.66 -0.37	36.86 2.53 -0.18	33.79 2.29 -0.05	31.40 1.83 0.00	30.07 1.49 0.00
GLENWOOD___4 23550	33.87 1.74 0.00	32.19 1.50 0.00	32.12 1.29 0.00	31.34 1.21 0.00	31.21 1.14 0.00	32.10 1.21 0.00	32.74 1.35 0.00	32.32 1.71 0.00	34.47 2.01 0.00	37.73 2.20 0.00	37.81 2.27 0.00	37.85 2.31 -0.02	39.85 2.41 -1.42	42.53 2.48 -4.66	40.46 2.57 -2.62	47.70 2.62 -10.14	50.44 2.98 -8.78	50.08 3.34 -5.04	50.06 3.04 -9.06	48.07 2.87 -8.80	41.15 2.77 -4.23	35.09 2.55 -1.09	31.79 2.22 0.00	30.50 1.92 0.00
GLENWOOD___5 23614	33.87 1.74 0.00	32.19 1.50 0.00	32.12 1.29 0.00	31.34 1.21 0.00	31.21 1.14 0.00	32.10 1.21 0.00	32.74 1.35 0.00	32.32 1.71 0.00	34.47 2.01 0.00	37.73 2.20 0.00	37.81 2.27 0.00	37.85 2.31 -0.02	39.85 2.41 -1.42	42.53 2.48 -4.66	40.46 2.57 -2.62	47.70 2.62 -10.14	50.44 2.98 -8.78	50.08 3.34 -5.04	50.06 3.04 -9.06	48.07 2.87 -8.80	41.15 2.77 -4.23	35.09 2.55 -1.09	31.79 2.22 0.00	30.50 1.92 0.00
GLOBAL GREEN_PORT_GT1 23814	34.73 2.60 0.00	32.92 2.24 0.00	32.67 1.85 0.00	31.88 1.75 0.00	31.78 1.71 0.00	32.69 1.79 0.00	33.53 2.14 0.00	33.39 2.79 0.00	35.58 3.12 0.00	38.87 3.34 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.15 3.31 -0.82	41.44 3.36 -2.69	40.37 3.60 -1.51	44.93 3.77 -6.22	48.40 4.33 -5.38	49.67 4.88 -3.09	47.72 4.21 -5.56	45.75 3.97 -5.40	40.25 3.66 -2.44	35.41 3.33 -0.63	32.14 2.57 0.00	30.75 2.17 0.00
GLOBE___DSASP 323697	29.21 -2.92 0.00	28.23 -2.45 0.00	28.14 -2.68 0.00	27.57 -2.56 0.00	27.63 -2.44 0.00	28.37 -2.53 0.00	28.69 -2.70 0.00	27.33 -3.28 0.00	28.63 -3.83 0.00	31.41 -4.12 0.00	31.91 -3.62 0.00	31.90 -3.62 0.00	31.70 -4.32 0.00	30.86 -4.53 0.00	31.07 -4.20 0.00	30.82 -4.12 0.00	33.85 -4.84 0.00	35.82 -5.88 0.00	32.91 -5.05 0.00	31.84 -4.55 0.00	29.98 -4.17 0.00	27.80 -3.65 0.00	26.49 -3.08 0.00	25.55 -3.03 0.00
GOETHSLN___LBMP 323567	32.93 1.22 0.42	31.26 1.04 0.47	31.28 0.92 0.46	30.48 0.84 0.49	30.38 0.81 0.50	31.27 0.83 0.47	31.89 0.94 0.45	31.32 1.19 0.49	33.40 1.40 0.46	36.72 1.56 0.37	36.69 1.49 0.34	36.73 1.56 0.36	37.31 1.66 0.36	36.77 1.77 0.38	36.77 1.87 0.36	36.49 1.92 0.37	40.71 2.24 0.22	44.16 2.59 0.13	40.01 2.32 0.26	38.24 2.18 0.33	35.87 2.12 0.40	32.84 1.92 0.53	30.58 1.60 0.59	29.47 1.46 0.57
GOLAH___69_KV_TB 1_2 80279	30.46 -1.67 0.00	29.27 -1.41 0.00	29.25 -1.57 0.00	28.66 -1.48 0.00	28.68 -1.38 0.00	29.45 -1.45 0.00	29.91 -1.48 0.00	28.80 -1.81 0.00	30.32 -2.14 0.00	33.36 -2.17 0.00	33.76 -1.78 0.00	33.75 -1.78 0.00	33.79 -2.23 0.00	32.98 -2.41 0.00	33.08 -2.19 0.00	32.74 -2.20 0.00	36.17 -2.51 0.00	38.66 -3.04 0.00	35.34 -2.62 0.00	34.10 -2.29 0.00	32.03 -2.12 0.00	29.56 -1.89 0.00	27.94 -1.63 0.00	26.95 -1.63 0.00

GOODYEAR_LAKE_HYD 323669	32.93 0.80 0.00	31.39 0.71 0.00	31.56 0.74 0.00	30.85 0.72 0.00	30.76 0.69 0.00	31.64 0.74 0.00	32.27 0.88 0.00	31.43 0.83 0.00	33.40 0.94 0.00	36.56 1.03 0.00	36.68 1.14 0.00	36.66 1.14 0.00	37.17 1.15 0.00	36.48 1.10 0.00	36.35 1.09 0.00	36.09 1.15 0.00	40.00 1.32 0.00	43.21 1.50 0.00	39.28 1.33 0.00	37.70 1.31 0.00	35.35 1.20 0.00	32.49 1.04 0.00	30.46 0.89 0.00	29.35 0.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.81 -0.32 0.00	30.44 -0.25 0.00	30.54 -0.28 0.00	29.89 -0.24 0.00	29.82 -0.24 0.00	30.65 -0.25 0.00	31.17 -0.22 0.00	30.27 -0.34 0.00	32.04 -0.42 0.00	35.07 -0.46 0.00	35.25 -0.28 0.00	35.17 -0.36 0.00	35.59 -0.43 0.00	34.89 -0.50 0.00	34.80 -0.46 0.00	34.52 -0.42 0.00	38.18 -0.50 0.00	41.12 -0.58 0.00	37.46 -0.49 0.00	35.99 -0.40 0.00	33.78 -0.38 0.00	31.13 -0.31 0.00	29.27 -0.30 0.00	28.27 -0.31 0.00
GOUDEY___7 23579	31.81 -0.32 0.00	30.44 -0.25 0.00	30.54 -0.28 0.00	29.89 -0.24 0.00	29.82 -0.24 0.00	30.65 -0.25 0.00	31.17 -0.22 0.00	30.27 -0.34 0.00	32.04 -0.42 0.00	35.07 -0.46 0.00	35.25 -0.28 0.00	35.17 -0.36 0.00	35.59 -0.43 0.00	34.89 -0.50 0.00	34.80 -0.46 0.00	34.52 -0.42 0.00	38.18 -0.50 0.00	41.12 -0.58 0.00	37.46 -0.49 0.00	35.99 -0.40 0.00	33.78 -0.38 0.00	31.13 -0.31 0.00	29.27 -0.30 0.00	28.27 -0.31 0.00
GOUDEY___8 23580	31.81 -0.32 0.00	30.44 -0.25 0.00	30.54 -0.28 0.00	29.89 -0.24 0.00	29.82 -0.24 0.00	30.65 -0.25 0.00	31.17 -0.22 0.00	30.27 -0.34 0.00	32.04 -0.42 0.00	35.07 -0.46 0.00	35.25 -0.28 0.00	35.17 -0.36 0.00	35.59 -0.43 0.00	34.89 -0.50 0.00	34.80 -0.46 0.00	34.52 -0.42 0.00	38.18 -0.50 0.00	41.12 -0.58 0.00	37.46 -0.49 0.00	35.99 -0.40 0.00	33.78 -0.38 0.00	31.13 -0.31 0.00	29.27 -0.30 0.00	28.27 -0.31 0.00
GOWANUS_GT1_1 24077	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT1_2 24078	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT1_3 24079	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT1_4 24080	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT1_5 24084	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT1_6 24111	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT1_7 24112	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT1_8 24113	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT2_1 24114	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT2_2 24115	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT2_3 24116	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29

GOWANUS_GT2_4 24117	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT2_5 24118	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT2_6 24119	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT2_7 24120	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT2_8 24121	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_1 24122	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_2 24123	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_3 24124	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_4 24125	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_5 24126	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_6 24127	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_7 24128	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT3_8 24129	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
GOWANUS_GT4_1 24130	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT4_2 24131	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29

GOWANUS_GT4_3 24132	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT4_4 24133	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT4_5 24134	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT4_6 24135	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT4_7 24136	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GOWANUS_GT4_8 24137	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GREENBSH_115KV_TB3 55895	33.13 1.00 0.00	31.57 0.89 0.00	31.72 0.89 0.00	30.98 0.84 0.00	30.91 0.84 0.00	31.76 0.87 0.00	32.30 0.91 0.00	31.56 0.95 0.00	33.53 1.07 0.00	36.70 1.17 0.00	36.36 0.82 0.00	36.34 0.82 0.00	36.96 0.94 0.00	36.34 0.96 0.00	36.25 0.99 0.00	35.99 1.05 0.00	39.85 1.16 0.00	43.04 1.33 0.00	39.13 1.18 0.00	37.55 1.16 0.00	35.28 1.13 0.00	32.58 1.13 0.00	30.60 1.03 0.00	29.61 1.03 0.00
GREENIDGE_115KV_TB5 80291	31.46 -0.67 0.00	30.13 -0.55 0.00	30.21 -0.62 0.00	29.59 -0.54 0.00	29.55 -0.51 0.00	30.37 -0.53 0.00	30.92 -0.47 0.00	29.84 -0.77 0.00	31.42 -1.04 0.00	34.39 -1.14 0.00	34.72 -0.82 0.00	34.60 -0.92 0.00	34.79 -1.22 0.00	34.01 -1.38 0.00	33.96 -1.30 0.00	33.68 -1.26 0.00	37.26 -1.43 0.00	40.08 -1.63 0.00	36.63 -1.33 0.00	35.19 -1.20 0.00	32.99 -1.16 0.00	30.44 -1.01 0.00	28.62 -0.95 0.00	27.61 -0.97 0.00
GREENIDGE___3 23582	31.46 -0.67 0.00	30.13 -0.55 0.00	30.21 -0.62 0.00	29.59 -0.54 0.00	29.55 -0.51 0.00	30.37 -0.53 0.00	30.92 -0.47 0.00	29.84 -0.77 0.00	31.42 -1.04 0.00	34.39 -1.14 0.00	34.72 -0.82 0.00	34.60 -0.92 0.00	34.79 -1.22 0.00	34.01 -1.38 0.00	33.96 -1.30 0.00	33.68 -1.26 0.00	37.26 -1.43 0.00	40.08 -1.63 0.00	36.63 -1.33 0.00	35.19 -1.20 0.00	32.99 -1.16 0.00	30.44 -1.01 0.00	28.62 -0.95 0.00	27.61 -0.97 0.00
GREENIDGE___4 23583	31.45 -0.68 0.00	30.04 -0.65 0.00	30.21 -0.62 0.00	29.56 -0.57 0.00	29.52 -0.54 0.00	30.37 -0.53 0.00	30.86 -0.53 0.00	29.81 -0.80 0.00	31.42 -1.04 0.00	34.39 -1.14 0.00	34.72 -0.82 0.00	34.36 -1.17 0.00	34.79 -1.22 0.00	34.11 -1.27 0.00	33.81 -1.45 0.00	33.68 -1.26 0.00	37.26 -1.43 0.00	40.08 -1.63 0.00	36.59 -1.36 0.00	35.19 -1.20 0.00	32.99 -1.16 0.00	30.44 -1.01 0.00	28.45 -1.12 0.00	27.64 -0.94 0.00
GREENLWN_69_KV_BK 3 55738	33.80 1.67 0.00	32.07 1.38 0.00	31.90 1.08 0.00	31.10 0.96 0.00	30.97 0.90 0.00	31.89 0.99 0.00	32.58 1.19 0.00	32.29 1.68 0.00	34.50 2.04 0.00	37.80 2.27 0.00	37.96 2.42 0.00	37.95 2.42 -0.01	39.42 2.56 -0.84	40.76 2.62 -2.76	39.53 2.72 -1.55	44.04 2.76 -6.34	47.19 3.02 -5.49	48.19 3.34 -3.15	46.73 3.11 -5.67	44.95 3.06 -5.50	39.59 2.94 -2.50	34.80 2.70 -0.65	31.88 2.31 0.00	30.47 1.89 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29
GRISSOM___SOLAR 323813	33.74 1.61 0.00	32.10 1.41 0.00	32.24 1.42 0.00	31.49 1.36 0.00	31.39 1.32 0.00	32.29 1.39 0.00	32.96 1.57 0.00	32.11 1.50 0.00	34.11 1.65 0.00	37.30 1.78 0.00	37.35 1.81 0.00	37.34 1.81 0.00	37.78 1.76 0.00	37.22 1.84 0.00	37.16 1.90 0.00	37.00 2.06 0.00	41.13 2.44 0.00	44.50 2.79 0.00	40.42 2.47 0.00	38.72 2.33 0.00	36.34 2.19 0.00	33.30 1.86 0.00	31.11 1.54 0.00	29.98 1.40 0.00
GROVEVILLE___HYD 323602	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.90 1.51 0.00	32.26 1.65 0.00	34.34 1.88 0.00	37.59 2.06 0.00	37.53 1.99 0.00	37.48 1.95 0.00	38.11 2.09 0.00	37.58 2.19 0.00	37.55 2.29 0.00	37.31 2.38 0.00	41.43 2.75 0.00	44.83 3.13 0.00	40.76 2.81 0.00	39.05 2.66 0.00	36.64 2.49 0.00	33.74 2.30 0.00	31.52 1.95 0.00	30.38 1.80 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.76 -0.63 0.00	29.97 -0.64 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.68 -0.71 0.00	34.56 -0.71 0.00	34.27 -0.66 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.23 -0.72 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.04 -0.54 0.00

HAMLTNNY_34_KV_TB 80303	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.76 -0.63 0.00	29.94 -0.67 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.64 -0.74 0.00	34.56 -0.71 0.00	34.24 -0.70 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.20 -0.76 0.00	35.70 -0.69 0.00	33.47 -0.68 0.00	30.85 -0.60 0.00	29.01 -0.56 0.00	28.01 -0.57 0.00
HAMPSHIRE___PAPER_HYD 323593	31.87 -0.26 0.00	30.44 -0.25 0.00	30.64 -0.18 0.00	29.95 -0.18 0.00	29.89 -0.18 0.00	30.68 -0.21 0.00	31.11 -0.28 0.00	30.36 -0.25 0.00	32.23 -0.23 0.00	35.28 -0.25 0.00	35.18 -0.36 0.00	35.21 -0.32 0.00	35.51 -0.50 0.00	34.86 -0.53 0.00	34.70 -0.57 0.00	34.27 -0.66 0.00	37.99 -0.70 0.00	40.96 -0.75 0.00	37.20 -0.76 0.00	35.66 -0.73 0.00	33.37 -0.78 0.00	30.60 -0.85 0.00	28.86 -0.71 0.00	27.98 -0.60 0.00
HARDSCRABBLE_WT_PWR 323673	33.29 1.16 0.00	31.79 1.10 0.00	31.93 1.11 0.00	31.21 1.08 0.00	31.09 1.02 0.00	31.89 0.99 0.00	32.30 0.91 0.00	31.37 0.77 0.00	33.14 0.68 0.00	36.09 0.57 0.00	35.97 0.43 0.00	35.96 0.43 0.00	36.45 0.43 0.00	35.78 0.39 0.00	35.69 0.42 0.00	35.32 0.39 0.00	39.07 0.39 0.00	42.12 0.42 0.00	38.34 0.38 0.00	36.75 0.36 0.00	34.49 0.34 0.00	31.80 0.35 0.00	29.90 0.33 0.00	28.90 0.31 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.51 1.38 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.89 1.29 0.00	33.95 1.49 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.13 1.60 0.00	37.71 1.69 0.00	37.19 1.80 0.00	37.17 1.90 0.00	36.89 1.96 0.00	40.93 2.24 0.00	44.33 2.63 0.00	40.31 2.35 0.00	38.61 2.22 0.00	36.27 2.12 0.00	33.37 1.92 0.00	31.20 1.63 0.00	30.07 1.49 0.00
HARSNRAD_115KV_TB1 81005	29.62 -2.51 0.00	28.60 -2.09 0.00	28.54 -2.28 0.00	27.96 -2.17 0.00	28.02 -2.04 0.00	28.77 -2.13 0.00	29.19 -2.20 0.00	27.82 -2.79 0.00	29.15 -3.31 0.00	31.97 -3.55 0.00	32.48 -3.06 0.00	32.44 -3.09 0.00	32.27 -3.75 0.00	31.42 -3.96 0.00	31.63 -3.63 0.00	31.34 -3.60 0.00	34.47 -4.22 0.00	36.57 -5.13 0.00	33.55 -4.40 0.00	32.46 -3.93 0.00	30.57 -3.59 0.00	28.30 -3.14 0.00	26.94 -2.63 0.00	25.98 -2.60 0.00
HARZA MOOSE___RIVER 24016	32.32 0.19 0.00	30.84 0.15 0.00	31.01 0.18 0.00	30.37 0.24 0.00	30.28 0.21 0.00	31.12 0.22 0.00	31.67 0.28 0.00	30.88 0.28 0.00	32.82 0.36 0.00	35.92 0.39 0.00	35.79 0.25 0.00	35.78 0.25 0.00	36.20 0.18 0.00	35.49 0.11 0.00	35.40 0.14 0.00	35.04 0.10 0.00	38.84 0.15 0.00	41.91 0.21 0.00	38.11 0.15 0.00	36.57 0.18 0.00	34.22 0.07 0.00	31.42 -0.03 0.00	29.54 -0.03 0.00	28.53 -0.06 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.26 -0.87 0.00	29.89 -0.80 0.00	29.99 -0.83 0.00	29.35 -0.78 0.00	29.28 -0.78 0.00	30.10 -0.80 0.00	30.60 -0.78 0.00	29.78 -0.83 0.00	31.52 -0.94 0.00	34.53 -0.99 0.00	34.69 -0.85 0.00	34.67 -0.85 0.00	35.08 -0.94 0.00	34.43 -0.96 0.00	34.34 -0.92 0.00	34.06 -0.87 0.00	37.68 -1.01 0.00	40.58 -1.13 0.00	36.97 -0.99 0.00	35.48 -0.91 0.00	33.30 -0.85 0.00	30.69 -0.75 0.00	28.86 -0.71 0.00	27.87 -0.71 0.00
HELLGATE_13_KV_LD 55870	33.67 1.54 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.15 1.69 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.38 1.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.67 1.54 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.31 1.18 0.00	31.18 1.11 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.15 1.69 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.38 1.80 0.00
HEMPSTEAD____ 23647	33.83 1.70 0.00	32.16 1.47 0.00	32.02 1.20 0.00	31.21 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.65 1.26 0.00	32.32 1.71 0.00	34.44 1.98 0.00	37.73 2.20 0.00	37.85 2.31 0.00	37.88 2.34 0.00	39.66 2.41 0.00	41.85 2.44 0.00	40.09 2.57 0.00	46.39 2.62 0.00	49.31 2.98 0.00	49.44 3.34 0.00	48.89 3.04 0.00	46.97 2.91 0.00	40.60 2.80 0.00	34.94 2.55 0.00	31.61 2.04 0.00	30.15 1.57 0.00
HEWLETT_69_KV_BK3 55828	34.09 1.96 0.00	32.31 1.63 0.00	32.18 1.36 0.00	31.40 1.27 0.00	31.27 1.20 0.00	32.17 1.27 0.00	32.83 1.44 0.00	32.51 1.90 0.00	34.73 2.27 0.00	38.05 2.52 0.00	38.20 2.67 0.00	38.21 2.66 0.00	40.09 2.74 0.00	42.54 2.80 0.00	40.64 2.93 0.00	47.23 2.93 0.00	50.11 3.33 0.00	50.07 3.71 0.00	49.70 3.38 0.00	47.75 3.24 0.00	41.22 3.11 0.00	35.33 2.86 0.00	32.08 2.51 0.00	30.70 2.12 0.00
HICKLING___1 23621	31.39 -0.74 0.00	30.10 -0.58 0.00	30.17 -0.65 0.00	29.56 -0.57 0.00	29.55 -0.51 0.00	30.34 -0.56 0.00	30.86 -0.53 0.00	29.78 -0.83 0.00	31.36 -1.10 0.00	34.28 -1.24 0.00	34.58 -0.96 0.00	34.46 -1.07 0.00	34.65 -1.37 0.00	33.86 -1.52 0.00	33.82 -1.45 0.00	33.58 -1.36 0.00	37.10 -1.59 0.00	39.87 -1.84 0.00	36.40 -1.56 0.00	35.01 -1.38 0.00	32.89 -1.26 0.00	30.38 -1.07 0.00	28.56 -1.01 0.00	27.58 -1.00 0.00
HICKLING___2 23622	31.39 -0.74 0.00	30.10 -0.58 0.00	30.17 -0.65 0.00	29.56 -0.57 0.00	29.55 -0.51 0.00	30.34 -0.56 0.00	30.86 -0.53 0.00	29.78 -0.83 0.00	31.36 -1.10 0.00	34.28 -1.24 0.00	34.58 -0.96 0.00	34.46 -1.07 0.00	34.65 -1.37 0.00	33.86 -1.52 0.00	33.82 -1.45 0.00	33.58 -1.36 0.00	37.10 -1.59 0.00	39.87 -1.84 0.00	36.40 -1.56 0.00	35.01 -1.38 0.00	32.89 -1.26 0.00	30.38 -1.07 0.00	28.56 -1.01 0.00	27.58 -1.00 0.00
HIGH FALLS___HY 23754	34.15 2.02 0.00	32.46 1.78 0.00	32.52 1.70 0.00	31.76 1.63 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.12 1.73 0.00	32.48 1.87 0.00	34.60 2.14 0.00	37.73 2.20 0.00	37.71 2.17 0.00	37.66 2.13 0.00	38.25 2.23 0.00	37.76 2.37 0.00	37.80 2.54 0.00	37.59 2.66 0.00	41.82 3.13 0.00	45.33 3.63 0.00	41.18 3.23 0.00	39.45 3.06 0.00	36.99 2.83 0.00	34.06 2.61 0.00	31.76 2.19 0.00	30.55 1.97 0.00
HIGH_RIVER___SOLAR 323847	33.19 1.06 0.00	31.64 0.95 0.00	31.75 0.92 0.00	31.03 0.90 0.00	30.94 0.87 0.00	31.82 0.93 0.00	32.39 1.00 0.00	31.62 1.01 0.00	33.53 1.07 0.00	36.59 1.06 0.00	36.53 0.99 0.00	36.59 1.06 0.00	37.03 1.01 0.00	36.41 1.03 0.00	36.42 1.16 0.00	36.27 1.33 0.00	40.31 1.62 0.00	43.58 1.88 0.00	39.62 1.67 0.00	37.95 1.56 0.00	35.62 1.47 0.00	32.71 1.26 0.00	30.63 1.06 0.00	29.52 0.94 0.00

HILLBURN___GT 23639	33.51 1.38 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.49 1.10 0.00	31.92 1.32 0.00	33.95 1.49 0.00	37.16 1.64 0.00	37.10 1.56 0.00	37.20 1.67 0.00	37.71 1.69 0.00	37.12 1.73 0.00	37.13 1.87 0.00	36.89 1.96 0.00	40.93 2.24 0.00	44.29 2.59 0.00	40.27 2.32 0.00	38.61 2.22 0.00	36.23 2.08 0.00	33.34 1.89 0.00	31.08 1.51 0.00	29.84 1.26 0.00
HILLSIDE_115KV_TB1 80332	31.13 -1.00 0.00	29.86 -0.83 0.00	29.93 -0.89 0.00	29.29 -0.84 0.00	29.28 -0.78 0.00	30.06 -0.83 0.00	30.57 -0.82 0.00	29.57 -1.04 0.00	31.16 -1.30 0.00	34.11 -1.42 0.00	34.37 -1.17 0.00	34.25 -1.28 0.00	34.51 -1.51 0.00	33.76 -1.63 0.00	33.71 -1.55 0.00	33.47 -1.47 0.00	36.95 -1.74 0.00	39.70 -2.00 0.00	36.25 -1.71 0.00	34.86 -1.53 0.00	32.75 -1.40 0.00	30.22 -1.23 0.00	28.42 -1.15 0.00	27.47 -1.11 0.00
HISHELDN_WT_PWR 323625	30.11 -2.02 0.00	28.87 -1.81 0.00	29.10 -1.73 0.00	28.50 -1.63 0.00	28.50 -1.56 0.00	29.32 -1.57 0.00	29.66 -1.73 0.00	28.34 -2.26 0.00	29.70 -2.76 0.00	32.40 -3.13 0.00	32.80 -2.74 0.00	32.12 -3.41 0.00	32.53 -3.49 0.00	31.85 -3.54 0.00	31.42 -3.84 0.00	31.44 -3.49 0.00	34.70 -3.98 0.00	36.99 -4.71 0.00	33.90 -4.06 0.00	32.79 -3.60 0.00	30.91 -3.25 0.00	28.59 -2.86 0.00	26.64 -2.93 0.00	26.21 -2.37 0.00
HOLTSVILLE_IC_1 23690	34.35 2.22 0.00	32.65 1.97 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.08 1.69 0.00	32.87 2.26 0.00	35.09 2.63 0.00	38.37 2.84 0.00	38.52 2.99 0.00	38.59 3.06 -0.01	39.97 3.13 -0.82	41.22 3.15 -2.69	40.12 3.35 -1.51	44.60 3.46 -6.21	47.96 3.91 -5.37	49.17 4.38 -3.08	47.41 3.91 -5.55	45.49 3.71 -5.39	40.11 3.52 -2.44	35.32 3.24 -0.63	32.14 2.57 0.00	30.58 2.00 0.00
HOLTSVILLE_IC_10 23699	34.51 2.38 0.00	32.80 2.12 0.00	32.52 1.69 0.00	31.70 1.57 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.58 3.06 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.19 3.35 -0.83	41.46 3.36 -2.71	40.34 3.56 -1.52	44.85 3.67 -6.24	48.27 4.18 -5.41	49.52 4.71 -3.10	47.75 4.21 -5.58	45.78 3.97 -5.42	40.33 3.72 -2.46	35.51 3.43 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
HOLTSVILLE_IC_2 23691	34.35 2.22 0.00	32.65 1.97 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.08 1.69 0.00	32.87 2.26 0.00	35.09 2.63 0.00	38.37 2.84 0.00	38.52 2.99 0.00	38.59 3.06 -0.01	39.97 3.13 -0.82	41.22 3.15 -2.69	40.12 3.35 -1.51	44.60 3.46 -6.21	47.96 3.91 -5.37	49.17 4.38 -3.08	47.41 3.91 -5.55	45.49 3.71 -5.39	40.11 3.52 -2.44	35.32 3.24 -0.63	32.14 2.57 0.00	30.58 2.00 0.00
HOLTSVILLE_IC_3 23692	34.35 2.22 0.00	32.65 1.97 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.08 1.69 0.00	32.87 2.26 0.00	35.09 2.63 0.00	38.37 2.84 0.00	38.52 2.99 0.00	38.59 3.06 -0.01	39.97 3.13 -0.82	41.22 3.15 -2.69	40.12 3.35 -1.51	44.60 3.46 -6.21	47.96 3.91 -5.37	49.17 4.38 -3.08	47.41 3.91 -5.55	45.49 3.71 -5.39	40.11 3.52 -2.44	35.32 3.24 -0.63	32.14 2.57 0.00	30.58 2.00 0.00
HOLTSVILLE_IC_4 23693	34.35 2.22 0.00	32.65 1.97 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.08 1.69 0.00	32.87 2.26 0.00	35.09 2.63 0.00	38.37 2.84 0.00	38.52 2.99 0.00	38.59 3.06 -0.01	39.97 3.13 -0.82	41.22 3.15 -2.69	40.12 3.35 -1.51	44.60 3.46 -6.21	47.96 3.91 -5.37	49.17 4.38 -3.08	47.41 3.91 -5.55	45.49 3.71 -5.39	40.11 3.52 -2.44	35.32 3.24 -0.63	32.14 2.57 0.00	30.58 2.00 0.00
HOLTSVILLE_IC_5 23694	34.35 2.22 0.00	32.65 1.97 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.08 1.69 0.00	32.87 2.26 0.00	35.09 2.63 0.00	38.37 2.84 0.00	38.52 2.99 0.00	38.59 3.06 -0.01	39.97 3.13 -0.82	41.22 3.15 -2.69	40.12 3.35 -1.51	44.60 3.46 -6.21	47.96 3.91 -5.37	49.17 4.38 -3.08	47.41 3.91 -5.55	45.49 3.71 -5.39	40.11 3.52 -2.44	35.32 3.24 -0.63	32.14 2.57 0.00	30.58 2.00 0.00
HOLTSVILLE_IC_6 23695	34.51 2.38 0.00	32.80 2.12 0.00	32.52 1.69 0.00	31.70 1.57 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.58 3.06 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.19 3.35 -0.83	41.46 3.36 -2.71	40.34 3.56 -1.52	44.85 3.67 -6.24	48.27 4.18 -5.41	49.52 4.71 -3.10	47.75 4.21 -5.58	45.78 3.97 -5.42	40.33 3.72 -2.46	35.51 3.43 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
HOLTSVILLE_IC_7 23696	34.51 2.38 0.00	32.80 2.12 0.00	32.52 1.69 0.00	31.70 1.57 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.58 3.06 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.19 3.35 -0.83	41.46 3.36 -2.71	40.34 3.56 -1.52	44.85 3.67 -6.24	48.27 4.18 -5.41	49.52 4.71 -3.10	47.75 4.21 -5.58	45.78 3.97 -5.42	40.33 3.72 -2.46	35.51 3.43 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
HOLTSVILLE_IC_8 23697	34.51 2.38 0.00	32.80 2.12 0.00	32.52 1.69 0.00	31.70 1.57 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.58 3.06 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.19 3.35 -0.83	41.46 3.36 -2.71	40.34 3.56 -1.52	44.85 3.67 -6.24	48.27 4.18 -5.41	49.52 4.71 -3.10	47.75 4.21 -5.58	45.78 3.97 -5.42	40.33 3.72 -2.46	35.51 3.43 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
HOLTSVILLE_IC_9 23698	34.51 2.38 0.00	32.80 2.12 0.00	32.52 1.69 0.00	31.70 1.57 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.58 3.06 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.19 3.35 -0.83	41.46 3.36 -2.71	40.34 3.56 -1.52	44.85 3.67 -6.24	48.27 4.18 -5.41	49.52 4.71 -3.10	47.75 4.21 -5.58	45.78 3.97 -5.42	40.33 3.72 -2.46	35.51 3.43 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
HOMER_HL_115KV_TB2 355744	30.85 -1.29 0.00	29.73 -0.95 0.00	29.77 -1.05 0.00	29.14 -0.99 0.00	29.19 -0.87 0.00	29.94 -0.96 0.00	30.42 -0.97 0.00	29.11 -1.50 0.00	30.54 -1.92 0.00	33.43 -2.10 0.00	33.87 -1.67 0.00	33.75 -1.78 0.00	33.75 -2.27 0.00	32.87 -2.51 0.00	32.93 -2.33 0.00	32.67 -2.27 0.00	35.98 -2.71 0.00	38.45 -3.25 0.00	35.22 -2.73 0.00	34.03 -2.37 0.00	31.97 -2.19 0.00	29.59 -1.86 0.00	27.94 -1.63 0.00	27.04 -1.54 0.00
HOWARD_WT_PWR 323690	31.26 -0.87 0.00	29.95 -0.74 0.00	30.17 -0.65 0.00	29.59 -0.54 0.00	29.58 -0.48 0.00	30.40 -0.50 0.00	30.76 -0.63 0.00	29.41 -1.19 0.00	30.74 -1.72 0.00	33.32 -2.20 0.00	33.51 -2.02 0.00	32.90 -2.63 0.00	33.17 -2.85 0.00	32.41 -2.97 0.00	31.88 -3.39 0.00	31.69 -3.25 0.00	35.13 -3.56 0.00	37.74 -3.96 0.00	34.54 -3.42 0.00	33.30 -3.09 0.00	31.32 -2.83 0.00	28.90 -2.55 0.00	26.91 -2.66 0.00	26.24 -2.34 0.00

HQ_GEN_CEDARS 23644	32.74 0.61 0.00	31.30 0.61 0.00	31.50 0.68 0.00	30.76 0.63 0.00	30.73 0.66 0.00	31.55 0.65 0.00	31.95 0.57 0.00	31.13 0.52 0.00	33.01 0.55 0.00	36.13 0.60 0.00	36.18 0.64 0.00	36.17 0.64 0.00	36.56 0.54 0.00	35.92 0.53 0.00	35.72 0.46 0.00	35.25 0.31 0.00	39.03 0.35 0.00	42.00 0.29 0.00	38.18 0.23 0.00	36.54 0.15 0.00	34.25 0.10 0.00	31.45 0.00 0.00	29.66 0.09 0.00	28.78 0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	32.74 0.61 0.00	31.30 0.61 0.00	31.50 0.68 0.00	30.77 0.63 0.00	30.73 0.66 0.00	31.58 0.68 0.00	31.96 0.57 0.00	31.13 0.52 0.00	33.01 0.55 0.00	36.13 0.60 0.00	36.18 0.64 0.00	36.17 0.64 0.00	36.56 0.54 0.00	35.92 0.53 0.00	35.72 0.46 0.00	35.25 0.31 0.00	39.03 0.35 0.00	42.00 0.29 0.00	38.18 0.23 0.00	36.54 0.15 0.00	34.25 0.10 0.00	31.45 0.00 0.00	29.66 0.09 0.00	28.76 0.17 0.00
HQ_GEN_IMPORT 323601	32.36 0.23 0.00	30.93 0.24 0.00	31.10 0.28 0.00	30.37 0.24 0.00	30.34 0.27 0.00	31.18 0.28 0.00	31.61 0.22 0.00	30.82 0.22 0.00	32.66 0.20 0.00	35.74 0.21 0.00	35.79 0.25 0.00	35.78 0.25 0.00	36.24 0.22 0.00	35.56 0.18 0.00	35.44 0.18 0.00	35.04 0.11 0.00	38.76 0.08 0.00	41.75 0.04 0.00	37.96 0.00 0.00	36.35 -0.04 0.00	34.12 -0.03 0.00	31.39 -0.06 0.00	29.54 -0.03 0.00	28.58 0.00 0.00
HQ_GEN_WHEEL 23651	32.36 0.23 0.00	30.93 0.24 0.00	31.10 0.28 0.00	30.37 0.24 0.00	30.34 0.27 0.00	31.18 0.28 0.00	31.61 0.22 0.00	30.82 0.22 0.00	32.66 0.20 0.00	35.74 0.21 0.00	35.79 0.25 0.00	35.78 0.25 0.00	36.24 0.22 0.00	35.56 0.18 0.00	35.44 0.18 0.00	35.04 0.11 0.00	38.76 0.08 0.00	41.75 0.04 0.00	37.96 0.00 0.00	36.35 -0.04 0.00	34.12 -0.03 0.00	31.39 -0.06 0.00	29.54 -0.03 0.00	28.58 0.00 0.00
HUDSON AVE_GT_3 23810	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.37 1.85 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.10 2.17 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
HUDSON AVE_GT_4 23540	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.37 1.85 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.10 2.17 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
HUDSON AVE_GT_5 23657	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.55 1.16 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.37 1.85 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.10 2.17 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
HUDSON_AVE_10 24168	33.48 1.35 0.00	31.82 1.14 0.00	31.84 1.02 0.00	31.10 0.96 0.00	30.97 0.90 0.00	31.86 0.96 0.00	32.46 1.07 0.00	31.96 1.35 0.00	34.02 1.56 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.27 1.74 0.00	37.86 1.84 0.00	37.33 1.95 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.12 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.52 2.08 0.00	31.31 1.74 0.00	30.18 1.60 0.00
HUDSON___115KV_TB 4 355613	33.80 1.67 0.00	32.22 1.53 0.00	32.33 1.51 0.00	31.58 1.45 0.00	31.51 1.44 0.00	32.38 1.48 0.00	32.96 1.57 0.00	32.14 1.53 0.00	34.18 1.72 0.00	37.34 1.81 0.00	37.03 1.49 0.00	36.98 1.46 0.00	37.57 1.55 0.00	36.98 1.59 0.00	36.92 1.66 0.00	36.72 1.78 0.00	40.74 2.05 0.00	44.08 2.38 0.00	40.08 2.13 0.00	38.39 2.00 0.00	36.03 1.88 0.00	33.24 1.79 0.00	31.17 1.60 0.00	30.13 1.54 0.00
HUNTER MOUNT___DRP 323613	34.06 1.93 0.00	32.40 1.72 0.00	32.55 1.73 0.00	31.79 1.66 0.00	31.72 1.65 0.00	32.60 1.70 0.00	33.15 1.76 0.00	32.32 1.71 0.00	34.38 1.92 0.00	37.52 1.99 0.00	37.21 1.67 0.00	37.13 1.60 0.00	37.71 1.69 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.93 1.99 0.00	40.97 2.28 0.00	44.37 2.67 0.00	40.31 2.35 0.00	38.61 2.22 0.00	36.20 2.05 0.00	33.40 1.95 0.00	31.31 1.74 0.00	30.30 1.71 0.00
HUNTINGTON_RES_REC 323705	34.12 1.99 0.00	32.40 1.72 0.00	32.18 1.35 0.00	31.37 1.24 0.00	31.24 1.17 0.00	32.10 1.20 0.00	32.87 1.48 0.00	32.63 2.02 0.00	34.83 2.37 0.00	38.12 2.59 0.00	38.28 2.74 0.00	38.34 2.81 -0.01	39.73 2.88 -0.83	41.01 2.90 -2.72	39.89 3.10 -1.53	44.42 3.21 -6.27	47.67 3.56 -5.42	48.78 3.96 -3.11	47.20 3.64 -5.60	45.33 3.49 -5.44	39.90 3.28 -2.47	35.11 3.02 -0.64	31.94 2.37 0.00	30.38 1.80 0.00
HUNTLEY___63 23557	29.88 -2.25 0.00	28.84 -1.84 0.00	28.79 -2.03 0.00	28.20 -1.93 0.00	28.29 -1.77 0.00	29.01 -1.88 0.00	29.41 -1.98 0.00	28.04 -2.57 0.00	29.34 -3.12 0.00	32.19 -3.34 0.00	32.73 -2.81 0.00	32.69 -2.84 0.00	32.53 -3.49 0.00	31.63 -3.75 0.00	31.84 -3.42 0.00	31.55 -3.39 0.00	34.70 -3.98 0.00	36.83 -4.88 0.00	33.82 -4.14 0.00	32.75 -3.64 0.00	30.80 -3.35 0.00	28.52 -2.92 0.00	27.12 -2.45 0.00	26.18 -2.40 0.00
HUNTLEY___64 23558	29.88 -2.25 0.00	28.84 -1.84 0.00	28.79 -2.03 0.00	28.20 -1.93 0.00	28.29 -1.77 0.00	29.01 -1.88 0.00	29.41 -1.98 0.00	28.04 -2.57 0.00	29.34 -3.12 0.00	32.19 -3.34 0.00	32.73 -2.81 0.00	32.69 -2.84 0.00	32.53 -3.49 0.00	31.63 -3.75 0.00	31.84 -3.42 0.00	31.55 -3.39 0.00	34.70 -3.98 0.00	36.83 -4.88 0.00	33.82 -4.14 0.00	32.75 -3.64 0.00	30.80 -3.35 0.00	28.52 -2.92 0.00	27.12 -2.45 0.00	26.18 -2.40 0.00
HUNTLEY___65 23559	29.88 -2.25 0.00	28.84 -1.84 0.00	28.79 -2.03 0.00	28.20 -1.93 0.00	28.29 -1.77 0.00	29.01 -1.88 0.00	29.41 -1.98 0.00	28.04 -2.57 0.00	29.34 -3.12 0.00	32.19 -3.34 0.00	32.73 -2.81 0.00	32.69 -2.84 0.00	32.53 -3.49 0.00	31.63 -3.75 0.00	31.84 -3.42 0.00	31.55 -3.39 0.00	34.70 -3.98 0.00	36.83 -4.88 0.00	33.82 -4.14 0.00	32.75 -3.64 0.00	30.80 -3.35 0.00	28.52 -2.92 0.00	27.12 -2.45 0.00	26.18 -2.40 0.00
HUNTLEY___66 23560	29.88 -2.25 0.00	28.84 -1.84 0.00	28.79 -2.03 0.00	28.20 -1.93 0.00	28.29 -1.77 0.00	29.01 -1.88 0.00	29.41 -1.98 0.00	28.04 -2.57 0.00	29.34 -3.12 0.00	32.19 -3.34 0.00	32.73 -2.81 0.00	32.69 -2.84 0.00	32.53 -3.49 0.00	31.63 -3.75 0.00	31.84 -3.42 0.00	31.55 -3.39 0.00	34.70 -3.98 0.00	36.83 -4.88 0.00	33.82 -4.14 0.00	32.75 -3.64 0.00	30.80 -3.35 0.00	28.52 -2.92 0.00	27.12 -2.45 0.00	26.18 -2.40 0.00



HUNTLEY___67 23561	29.75 -2.38 0.00	28.75 -1.93 0.00	28.70 -2.13 0.00	28.11 -2.02 0.00	28.17 -1.89 0.00	28.92 -1.98 0.00	29.35 -2.04 0.00	27.98 -2.63 0.00	29.28 -3.18 0.00	32.12 -3.41 0.00	32.62 -2.91 0.00	32.58 -2.95 0.00	32.42 -3.60 0.00	31.53 -3.86 0.00	31.74 -3.53 0.00	31.44 -3.49 0.00	34.59 -4.10 0.00	36.70 -5.00 0.00	33.70 -4.25 0.00	32.61 -3.78 0.00	30.70 -3.45 0.00	28.43 -3.02 0.00	27.03 -2.54 0.00	26.07 -2.52 0.00
HUNTLEY___68 23562	29.75 -2.38 0.00	28.75 -1.93 0.00	28.70 -2.13 0.00	28.11 -2.02 0.00	28.17 -1.89 0.00	28.92 -1.98 0.00	29.35 -2.04 0.00	27.98 -2.63 0.00	29.28 -3.18 0.00	32.12 -3.41 0.00	32.62 -2.91 0.00	32.58 -2.95 0.00	32.42 -3.60 0.00	31.53 -3.86 0.00	31.74 -3.53 0.00	31.44 -3.49 0.00	34.59 -4.10 0.00	36.70 -5.00 0.00	33.70 -4.25 0.00	32.61 -3.78 0.00	30.70 -3.45 0.00	28.43 -3.02 0.00	27.03 -2.54 0.00	26.07 -2.52 0.00
HYLAND___LFGE 323620	31.97 -0.16 0.00	30.56 -0.12 0.00	30.76 -0.06 0.00	30.10 -0.03 0.00	30.07 0.00 0.00	30.93 0.03 0.00	31.42 0.03 0.00	30.27 -0.34 0.00	31.78 -0.68 0.00	34.78 -0.75 0.00	34.93 -0.60 0.00	34.32 -1.21 0.00	34.76 -1.26 0.00	34.04 -1.34 0.00	33.68 -1.59 0.00	33.82 -1.12 0.00	37.76 -0.93 0.00	40.58 -1.12 0.00	37.12 -0.84 0.00	35.77 -0.62 0.00	33.57 -0.58 0.00	30.88 -0.57 0.00	28.77 -0.80 0.00	28.04 -0.54 0.00
INDECK___CORINTH 23802	32.74 0.61 0.00	31.15 0.46 0.00	31.28 0.46 0.00	30.55 0.42 0.00	30.45 0.39 0.00	31.33 0.43 0.00	31.96 0.57 0.00	31.22 0.61 0.00	33.24 0.78 0.00	36.38 0.85 0.00	36.39 0.85 0.00	36.49 0.96 0.00	36.95 0.93 0.00	36.34 0.96 0.00	36.25 0.99 0.00	35.98 1.05 0.00	39.92 1.24 0.00	43.20 1.50 0.00	39.25 1.29 0.00	37.55 1.16 0.00	35.28 1.13 0.00	32.33 0.88 0.00	30.22 0.65 0.00	29.10 0.52 0.00
INDECK___ILION 23567	32.81 0.67 0.00	31.33 0.64 0.00	31.47 0.65 0.00	30.76 0.63 0.00	30.67 0.60 0.00	31.52 0.62 0.00	31.99 0.60 0.00	31.16 0.55 0.00	33.01 0.55 0.00	36.06 0.53 0.00	36.04 0.50 0.00	36.02 0.50 0.00	36.52 0.50 0.00	35.88 0.50 0.00	35.75 0.49 0.00	35.43 0.49 0.00	39.23 0.54 0.00	42.29 0.58 0.00	38.49 0.53 0.00	36.90 0.51 0.00	34.63 0.48 0.00	31.89 0.44 0.00	29.98 0.41 0.00	28.98 0.40 0.00
INDECK___OLEAN 23982	30.84 -1.29 0.00	29.58 -1.10 0.00	29.77 -1.05 0.00	29.14 -0.99 0.00	29.13 -0.93 0.00	29.94 -0.96 0.00	30.35 -1.04 0.00	29.08 -1.53 0.00	30.54 -1.92 0.00	33.43 -2.10 0.00	33.87 -1.67 0.00	33.32 -2.20 0.00	33.75 -2.27 0.00	33.02 -2.37 0.00	32.69 -2.57 0.00	32.63 -2.31 0.00	35.98 -2.71 0.00	38.45 -3.25 0.00	35.15 -2.81 0.00	34.03 -2.36 0.00	32.00 -2.15 0.00	29.56 -1.89 0.00	27.50 -2.07 0.00	26.98 -1.60 0.00
INDECK___OSWEGO 23783	30.91 -1.22 0.00	29.55 -1.13 0.00	29.68 -1.14 0.00	29.05 -1.08 0.00	28.98 -1.08 0.00	29.76 -1.14 0.00	30.26 -1.13 0.00	29.48 -1.13 0.00	31.23 -1.23 0.00	34.18 -1.35 0.00	34.29 -1.24 0.00	34.21 -1.31 0.00	34.72 -1.30 0.00	34.08 -1.31 0.00	33.92 -1.34 0.00	33.68 -1.26 0.00	37.26 -1.43 0.00	40.16 -1.54 0.00	36.59 -1.36 0.00	35.12 -1.27 0.00	32.92 -1.23 0.00	30.38 -1.07 0.00	28.68 -0.89 0.00	27.75 -0.83 0.00
INDECK___YERKES 23781	29.88 -2.25 0.00	28.63 -2.06 0.00	28.79 -2.04 0.00	28.17 -1.96 0.00	28.17 -1.89 0.00	29.01 -1.89 0.00	29.32 -2.07 0.00	27.98 -2.63 0.00	29.38 -3.08 0.00	32.22 -3.30 0.00	32.77 -2.77 0.00	32.01 -3.52 0.00	32.56 -3.46 0.00	31.92 -3.47 0.00	31.42 -3.84 0.00	31.55 -3.39 0.00	34.74 -3.95 0.00	36.87 -4.84 0.00	33.78 -4.18 0.00	32.75 -3.64 0.00	30.84 -3.31 0.00	28.59 -2.86 0.00	26.61 -2.96 0.00	26.29 -2.29 0.00
INDIAN POINT_GT_1 24139	33.48 1.35 0.00	31.85 1.17 0.00	31.90 1.08 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.52 1.13 0.00	31.92 1.32 0.00	33.99 1.53 0.00	37.20 1.67 0.00	37.17 1.63 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.26 1.88 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.01 2.32 0.00	44.33 2.63 0.00	40.31 2.35 0.00	38.65 2.26 0.00	36.30 2.15 0.00	33.40 1.95 0.00	31.23 1.66 0.00	30.10 1.51 0.00
INDIAN POINT_GT_2 23659	33.48 1.35 0.00	31.85 1.17 0.00	31.90 1.08 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.52 1.13 0.00	31.92 1.32 0.00	33.99 1.53 0.00	37.20 1.67 0.00	37.17 1.63 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.26 1.88 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.01 2.32 0.00	44.33 2.63 0.00	40.31 2.35 0.00	38.65 2.26 0.00	36.30 2.15 0.00	33.40 1.95 0.00	31.23 1.66 0.00	30.10 1.51 0.00
INDIAN POINT_GT_3 24019	33.48 1.35 0.00	31.85 1.17 0.00	31.90 1.08 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.52 1.13 0.00	31.92 1.32 0.00	33.99 1.53 0.00	37.20 1.67 0.00	37.17 1.63 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.26 1.88 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.01 2.32 0.00	44.33 2.63 0.00	40.31 2.35 0.00	38.65 2.26 0.00	36.30 2.15 0.00	33.40 1.95 0.00	31.23 1.66 0.00	30.10 1.51 0.00
INDIAN POINT___2 23530	33.48 1.35 0.00	31.88 1.20 0.00	31.90 1.08 0.00	31.16 1.03 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.49 1.10 0.00	31.92 1.32 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.10 1.56 0.00	37.16 1.64 0.00	37.71 1.69 0.00	37.12 1.73 0.00	37.13 1.87 0.00	36.86 1.92 0.00	40.89 2.20 0.00	44.25 2.54 0.00	40.27 2.32 0.00	38.57 2.18 0.00	36.23 2.08 0.00	33.34 1.89 0.00	31.05 1.48 0.00	29.81 1.23 0.00
INDIAN POINT___3 23531	33.48 1.35 0.00	31.85 1.17 0.00	31.90 1.08 0.00	31.13 0.99 0.00	31.03 0.96 0.00	31.89 0.99 0.00	32.49 1.10 0.00	31.89 1.29 0.00	33.95 1.49 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.13 1.60 0.00	37.75 1.73 0.00	37.19 1.80 0.00	37.17 1.90 0.00	36.89 1.96 0.00	40.93 2.24 0.00	44.29 2.59 0.00	40.27 2.32 0.00	38.57 2.18 0.00	36.27 2.12 0.00	33.37 1.92 0.00	31.20 1.63 0.00	30.07 1.49 0.00
INGHAM_C_115KV_TB7 356103	33.58 1.45 0.00	32.07 1.38 0.00	32.21 1.39 0.00	31.49 1.36 0.00	31.39 1.32 0.00	32.20 1.30 0.00	32.65 1.26 0.00	31.71 1.10 0.00	33.53 1.07 0.00	36.56 1.03 0.00	36.46 0.92 0.00	36.45 0.92 0.00	36.96 0.94 0.00	36.27 0.88 0.00	36.14 0.88 0.00	35.81 0.87 0.00	39.62 0.93 0.00	42.71 1.00 0.00	38.87 0.91 0.00	37.26 0.87 0.00	34.97 0.82 0.00	32.23 0.79 0.00	30.34 0.77 0.00	29.33 0.74 0.00
IP CORINTH___1 23988	32.90 0.77 0.00	31.30 0.61 0.00	31.44 0.62 0.00	30.70 0.57 0.00	30.61 0.54 0.00	31.49 0.59 0.00	32.11 0.72 0.00	31.34 0.73 0.00	33.40 0.94 0.00	36.59 1.07 0.00	36.60 1.07 0.00	36.63 1.10 0.00	37.14 1.12 0.00	36.52 1.13 0.00	36.42 1.16 0.00	36.16 1.22 0.00	40.16 1.47 0.00	43.46 1.75 0.00	39.44 1.48 0.00	37.74 1.35 0.00	35.45 1.30 0.00	32.52 1.07 0.00	31.20 1.63 0.00	30.07 1.49 0.00

IP___TICONDEROGA 23804	33.67 1.54 0.00	32.00 1.32 0.00	32.12 1.29 0.00	31.37 1.24 0.00	31.27 1.20 0.00	32.20 1.30 0.00	32.93 1.54 0.00	32.11 1.50 0.00	34.28 1.82 0.00	37.62 2.10 0.00	37.67 2.13 0.00	37.73 2.20 0.00	38.25 2.23 0.00	37.58 2.19 0.00	37.45 2.19 0.00	37.21 2.27 0.00	41.36 2.67 0.00	44.83 3.13 0.00	40.65 2.69 0.00	38.87 2.47 0.00	36.44 2.29 0.00	33.30 1.86 0.00	31.79 2.22 0.00	30.64 2.06 0.00
ISLIP_RES_REC 323679	34.64 2.51 0.00	32.89 2.21 0.00	32.61 1.79 0.00	31.82 1.69 0.00	31.69 1.62 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.35 2.89 0.00	38.73 3.20 0.00	38.88 3.34 0.00	38.91 3.38 -0.01	40.34 3.49 -0.83	41.61 3.50 -2.72	40.49 3.70 -1.53	45.05 3.84 -6.27	48.48 4.37 -5.43	49.74 4.92 -3.12	47.96 4.40 -5.60	45.98 4.15 -5.44	40.51 3.89 -2.47	35.64 3.55 -0.64	32.41 2.84 0.00	30.81 2.23 0.00
JAMAICA__27_KV_LOAD 355505	33.48 1.35 0.00	31.82 1.14 0.00	31.84 1.02 0.00	31.07 0.93 0.00	30.94 0.87 0.00	31.86 0.96 0.00	32.49 1.10 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.14 2.20 0.00	41.32 2.63 0.00	44.71 3.00 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.61 2.46 0.00	33.65 2.20 0.00	31.40 1.83 0.00	30.21 1.63 0.00
JANIS___SOLAR 323808	32.96 0.83 0.00	31.45 0.77 0.00	31.65 0.83 0.00	30.97 0.84 0.00	30.88 0.81 0.00	31.76 0.86 0.00	32.39 1.00 0.00	31.50 0.89 0.00	33.37 0.91 0.00	36.49 0.96 0.00	36.64 1.10 0.00	36.49 0.96 0.00	36.95 0.93 0.00	36.13 0.74 0.00	36.00 0.74 0.00	35.67 0.73 0.00	39.58 0.89 0.00	42.70 1.00 0.00	38.87 0.91 0.00	37.34 0.94 0.00	34.94 0.79 0.00	32.17 0.72 0.00	30.10 0.53 0.00	29.15 0.57 0.00
JARVIS____ 23743	32.20 0.06 0.00	30.75 0.06 0.00	30.88 0.06 0.00	30.19 0.06 0.00	30.13 0.06 0.00	30.96 0.06 0.00	31.48 0.09 0.00	30.70 0.09 0.00	32.56 0.10 0.00	35.63 0.11 0.00	35.61 0.07 0.00	35.60 0.07 0.00	36.09 0.07 0.00	35.46 0.07 0.00	35.33 0.07 0.00	35.01 0.07 0.00	38.80 0.12 0.00	41.83 0.13 0.00	38.07 0.11 0.00	36.50 0.11 0.00	34.25 0.10 0.00	31.54 0.09 0.00	29.66 0.09 0.00	28.67 0.09 0.00
JENNISON___1 23625	33.22 1.09 0.00	31.73 1.04 0.00	31.90 1.08 0.00	31.22 1.08 0.00	31.12 1.05 0.00	32.01 1.11 0.00	32.65 1.26 0.00	31.71 1.10 0.00	33.63 1.17 0.00	36.77 1.24 0.00	36.96 1.42 0.00	36.91 1.39 0.00	37.32 1.30 0.00	36.45 1.06 0.00	36.35 1.09 0.00	35.99 1.05 0.00	39.89 1.20 0.00	43.00 1.29 0.00	39.09 1.14 0.00	37.55 1.16 0.00	35.14 0.99 0.00	32.33 0.88 0.00	30.34 0.77 0.00	29.27 0.69 0.00
JENNISON___2 23626	33.22 1.09 0.00	31.73 1.04 0.00	31.90 1.08 0.00	31.22 1.08 0.00	31.12 1.05 0.00	32.01 1.11 0.00	32.65 1.26 0.00	31.71 1.10 0.00	33.63 1.17 0.00	36.77 1.24 0.00	36.96 1.42 0.00	36.91 1.39 0.00	37.32 1.30 0.00	36.45 1.06 0.00	36.35 1.09 0.00	35.99 1.05 0.00	39.89 1.20 0.00	43.00 1.29 0.00	39.09 1.14 0.00	37.55 1.16 0.00	35.14 0.99 0.00	32.33 0.88 0.00	30.34 0.77 0.00	29.27 0.69 0.00
JERICHO_RISE_WT_PWR 323719	32.45 0.32 0.00	31.05 0.37 0.00	31.28 0.46 0.00	30.52 0.39 0.00	30.52 0.45 0.00	31.42 0.52 0.00	31.74 0.35 0.00	30.98 0.37 0.00	32.85 0.39 0.00	35.96 0.43 0.00	36.00 0.46 0.00	36.02 0.50 0.00	36.45 0.43 0.00	35.74 0.35 0.00	35.47 0.21 0.00	34.94 0.00 0.00	38.61 -0.08 0.00	41.41 -0.29 0.00	37.61 -0.34 0.00	35.88 -0.51 0.00	33.60 -0.55 0.00	30.79 -0.66 0.00	28.95 -0.62 0.00	28.07 -0.51 0.00
KATONAH___115KV_46KV_TB4 355592	33.74 1.61 0.00	32.10 1.41 0.00	32.15 1.33 0.00	31.37 1.24 0.00	31.27 1.20 0.00	32.13 1.24 0.00	32.77 1.38 0.00	32.17 1.56 0.00	34.28 1.82 0.00	37.59 2.06 0.00	37.53 1.99 0.00	37.52 1.99 0.00	38.11 2.09 0.00	37.58 2.19 0.00	37.55 2.29 0.00	37.28 2.34 0.00	41.36 2.67 0.00	44.75 3.04 0.00	40.65 2.69 0.00	38.94 2.55 0.00	36.58 2.42 0.00	33.62 2.17 0.00	31.46 1.89 0.00	30.30 1.71 0.00
KCE_NY_1 323755	33.48 1.35 0.00	31.91 1.23 0.00	32.02 1.20 0.00	31.28 1.14 0.00	31.21 1.14 0.00	32.07 1.17 0.00	32.68 1.29 0.00	31.89 1.29 0.00	33.89 1.43 0.00	37.13 1.60 0.00	37.10 1.56 0.00	37.16 1.64 0.00	37.68 1.66 0.00	37.05 1.66 0.00	36.95 1.69 0.00	36.68 1.75 0.00	40.70 2.01 0.00	44.00 2.29 0.00	39.97 2.01 0.00	38.28 1.89 0.00	35.93 1.77 0.00	32.99 1.54 0.00	30.87 1.30 0.00	29.78 1.20 0.00
KCE_NY_6_ESR 323823	30.17 -1.96 0.00	28.94 -1.75 0.00	29.13 -1.70 0.00	28.50 -1.63 0.00	28.50 -1.56 0.00	29.32 -1.57 0.00	29.69 -1.70 0.00	28.31 -2.30 0.00	29.73 -2.73 0.00	32.54 -2.98 0.00	33.05 -2.49 0.00	32.33 -3.20 0.00	32.85 -3.17 0.00	32.20 -3.18 0.00	31.74 -3.53 0.00	31.79 -3.14 0.00	35.05 -3.64 0.00	37.24 -4.46 0.00	34.12 -3.83 0.00	33.08 -3.31 0.00	31.15 -3.01 0.00	28.84 -2.61 0.00	26.85 -2.72 0.00	26.47 -2.11 0.00
KEDC_PORT_JEFF_GT2 24210	34.47 2.34 0.00	32.74 2.06 0.00	32.48 1.66 0.00	31.67 1.54 0.00	31.57 1.50 0.00	32.44 1.54 0.00	33.21 1.82 0.00	33.00 2.39 0.00	35.22 2.76 0.00	38.55 3.02 0.00	38.70 3.16 0.00	38.77 3.23 -0.01	40.15 3.31 -0.82	41.41 3.33 -2.70	40.31 3.53 -1.52	44.80 3.63 -6.23	48.22 4.14 -5.40	49.43 4.63 -3.10	47.70 4.18 -5.57	45.73 3.93 -5.41	40.29 3.69 -2.45	35.48 3.40 -0.63	32.26 2.69 0.00	30.70 2.12 0.00
KEDC_PORT_JEFF_GT3 24211	34.47 2.34 0.00	32.74 2.06 0.00	32.48 1.66 0.00	31.67 1.54 0.00	31.57 1.50 0.00	32.44 1.54 0.00	33.21 1.82 0.00	33.00 2.39 0.00	35.22 2.76 0.00	38.55 3.02 0.00	38.70 3.16 0.00	38.77 3.23 -0.01	40.15 3.31 -0.82	41.41 3.33 -2.70	40.31 3.53 -1.52	44.80 3.63 -6.23	48.22 4.14 -5.40	49.43 4.63 -3.10	47.70 4.18 -5.57	45.73 3.93 -5.41	40.29 3.69 -2.45	35.48 3.40 -0.63	32.26 2.69 0.00	30.70 2.12 0.00
KEDC_GLWD_GT4 24219	33.90 1.77 0.00	32.25 1.56 0.00	32.15 1.32 0.00	31.37 1.24 0.00	31.27 1.20 0.00	32.14 1.24 0.00	32.77 1.38 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.81 2.28 0.00	37.89 2.34 -0.02	39.85 2.41 -1.42	42.49 2.44 -4.66	40.46 2.57 -2.62	47.70 2.62 -10.14	50.44 2.98 -8.78	50.09 3.34 -5.04	50.06 3.04 -9.06	48.07 2.87 -8.80	41.15 2.77 -4.23	35.06 2.52 -1.09	31.58 2.01 0.00	30.21 1.63 0.00
KEDC_GLWD_GT5 24220	33.90 1.77 0.00	32.25 1.56 0.00	32.15 1.32 0.00	31.37 1.24 0.00	31.27 1.20 0.00	32.14 1.24 0.00	32.77 1.38 0.00	32.35 1.74 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.81 2.28 0.00	37.89 2.34 -0.02	39.85 2.41 -1.42	42.49 2.44 -4.66	40.46 2.57 -2.62	47.70 2.62 -10.14	50.44 2.98 -8.78	50.09 3.34 -5.04	50.06 3.04 -9.06	48.07 2.87 -8.80	41.15 2.77 -4.23	35.06 2.52 -1.09	31.58 2.01 0.00	30.21 1.63 0.00

KENSICO____ 23655	33.58 1.45 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.30 1.78 0.00	37.28 1.74 0.00	37.27 1.74 0.00	37.89 1.87 0.00	37.33 1.95 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.76 2.37 0.00	36.41 2.25 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.18 1.60 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.09 1.96 0.00	32.40 1.72 0.00	32.46 1.63 0.00	31.70 1.57 0.00	31.63 1.56 0.00	32.51 1.61 0.00	33.08 1.70 0.00	32.41 1.81 0.00	34.50 2.04 0.00	37.66 2.13 0.00	37.60 2.06 0.00	37.55 2.03 0.00	38.14 2.13 0.00	37.61 2.23 0.00	37.69 2.43 0.00	37.45 2.52 0.00	41.67 2.98 0.00	45.17 3.46 0.00	41.03 3.07 0.00	39.30 2.91 0.00	36.85 2.70 0.00	33.93 2.48 0.00	31.67 2.10 0.00	30.50 1.92 0.00
KIAC_JFK_GT1 23816	33.29 1.16 0.00	31.64 0.95 0.00	31.65 0.83 0.00	30.88 0.75 0.00	30.79 0.72 0.00	31.67 0.77 0.00	32.30 0.91 0.00	31.83 1.22 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.10 1.56 0.00	37.16 1.63 0.00	37.75 1.73 0.00	37.23 1.84 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.76 2.37 0.00	36.41 2.25 0.00	33.46 2.01 0.00	31.26 1.69 0.00	30.04 1.46 0.00
KIAC_JFK_GT2 23817	33.29 1.16 0.00	31.64 0.95 0.00	31.65 0.83 0.00	30.88 0.75 0.00	30.79 0.72 0.00	31.67 0.77 0.00	32.30 0.91 0.00	31.83 1.22 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.10 1.56 0.00	37.16 1.63 0.00	37.75 1.73 0.00	37.23 1.84 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.76 2.37 0.00	36.41 2.25 0.00	33.46 2.01 0.00	31.26 1.69 0.00	30.04 1.46 0.00
KIAC_JFK____ 323774	33.35 1.22 0.00	31.73 1.04 0.00	31.72 0.89 0.00	30.97 0.84 0.00	30.85 0.78 0.00	31.73 0.83 0.00	32.33 0.94 0.00	31.89 1.29 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.10 1.56 0.00	37.20 1.67 0.00	37.75 1.73 0.00	37.19 1.80 0.00	37.20 1.94 0.00	36.96 2.03 0.00	41.09 2.40 0.00	44.41 2.71 0.00	40.46 2.50 0.00	38.75 2.36 0.00	36.40 2.25 0.00	33.43 1.98 0.00	31.08 1.51 0.00	29.75 1.17 0.00
KINTIGH____ 23543	29.75 -2.38 0.00	28.69 -1.99 0.00	28.63 -2.19 0.00	28.02 -2.11 0.00	28.08 -1.98 0.00	28.80 -2.10 0.00	29.29 -2.10 0.00	28.07 -2.54 0.00	29.47 -2.99 0.00	32.37 -3.16 0.00	32.80 -2.74 0.00	32.76 -2.77 0.00	32.71 -3.31 0.00	31.88 -3.50 0.00	32.05 -3.21 0.00	31.76 -3.18 0.00	34.97 -3.71 0.00	37.16 -4.55 0.00	34.05 -3.91 0.00	32.90 -3.49 0.00	30.94 -3.21 0.00	28.62 -2.83 0.00	27.17 -2.40 0.00	26.18 -2.40 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.03 0.90 0.00	31.60 0.92 0.00	31.84 1.02 0.00	31.07 0.93 0.00	31.03 0.96 0.00	31.98 1.08 0.00	32.17 0.78 0.00	31.40 0.80 0.00	33.30 0.84 0.00	36.45 0.92 0.00	36.53 1.00 0.00	36.52 0.99 0.00	36.99 0.97 0.00	36.20 0.81 0.00	35.93 0.67 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.04 0.33 0.00	38.15 0.19 0.00	36.35 -0.04 0.00	34.05 -0.10 0.00	31.17 -0.28 0.00	29.24 -0.33 0.00	28.53 -0.06 0.00
LACHUTE__HYDRO 323717	33.70 1.57 0.00	32.00 1.32 0.00	32.15 1.32 0.00	31.37 1.24 0.00	31.30 1.23 0.00	32.20 1.30 0.00	32.93 1.54 0.00	32.14 1.53 0.00	34.28 1.82 0.00	37.55 2.02 0.00	37.67 2.13 0.00	37.77 2.24 0.00	38.25 2.23 0.00	37.58 2.19 0.00	37.45 2.19 0.00	37.21 2.27 0.00	41.35 2.67 0.00	44.83 3.13 0.00	40.65 2.70 0.00	38.87 2.48 0.00	36.44 2.29 0.00	33.27 1.82 0.00	31.02 1.45 0.00	29.87 1.29 0.00
LAWRNCALV_115KV_TB1 80681	32.39 0.26 0.00	30.96 0.28 0.00	31.19 0.37 0.00	30.43 0.30 0.00	30.40 0.33 0.00	31.18 0.28 0.00	31.55 0.16 0.00	30.76 0.15 0.00	32.65 0.19 0.00	35.74 0.21 0.00	35.75 0.21 0.00	35.74 0.21 0.00	36.05 0.04 0.00	35.42 0.04 0.00	35.23 -0.04 0.00	34.69 -0.24 0.00	38.45 -0.23 0.00	41.37 -0.33 0.00	37.58 -0.38 0.00	35.95 -0.44 0.00	33.71 -0.44 0.00	30.91 -0.53 0.00	29.22 -0.35 0.00	28.38 -0.20 0.00
LEDERLE____ 23769	33.54 1.41 0.00	31.91 1.23 0.00	31.96 1.14 0.00	31.22 1.08 0.00	31.09 1.02 0.00	31.98 1.08 0.00	32.55 1.16 0.00	31.96 1.35 0.00	34.02 1.56 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.20 1.67 0.00	37.82 1.80 0.00	37.26 1.88 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.01 2.32 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.68 2.29 0.00	36.34 2.19 0.00	33.46 2.01 0.00	31.28 1.72 0.00	30.13 1.54 0.00
LIGHTHSE_115KV_TB6 355974	31.33 -0.80 0.00	29.92 -0.77 0.00	30.05 -0.77 0.00	29.41 -0.72 0.00	29.34 -0.72 0.00	30.16 -0.74 0.00	30.60 -0.78 0.00	29.81 -0.80 0.00	31.62 -0.84 0.00	34.64 -0.89 0.00	34.72 -0.82 0.00	34.71 -0.82 0.00	35.12 -0.90 0.00	34.43 -0.96 0.00	34.34 -0.92 0.00	34.06 -0.87 0.00	37.64 -1.04 0.00	40.58 -1.13 0.00	36.93 -1.02 0.00	35.48 -0.91 0.00	33.20 -0.96 0.00	30.63 -0.82 0.00	28.83 -0.74 0.00	27.84 -0.74 0.00
LINDEN COGEN____ 23786	32.96 1.25 0.42	31.32 1.10 0.47	31.34 0.99 0.46	30.54 0.90 0.49	30.44 0.87 0.50	31.30 0.86 0.47	31.92 0.97 0.45	31.35 1.23 0.49	33.40 1.39 0.46	36.69 1.53 0.37	36.69 1.49 0.34	36.76 1.60 0.36	37.31 1.66 0.36	36.70 1.70 0.38	36.73 1.83 0.36	36.48 1.92 0.37	40.67 2.20 0.22	44.12 2.54 0.13	40.01 2.32 0.26	38.24 2.18 0.33	35.83 2.08 0.40	32.78 1.86 0.53	30.43 1.45 0.59	29.16 1.14 0.57
LINDHRST_69_KV_BK1 356055	34.35 2.22 0.00	32.59 1.90 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.42 1.35 0.00	32.35 1.45 0.00	33.08 1.70 0.00	32.81 2.20 0.00	35.06 2.60 0.00	38.41 2.88 0.00	38.56 3.02 0.00	38.59 3.06 -0.01	40.11 3.17 -0.92	41.62 3.22 -3.02	40.31 3.35 -1.70	45.21 3.42 -6.85	48.48 3.87 -5.93	49.45 4.34 -3.40	47.99 3.91 -6.12	46.08 3.75 -5.95	40.44 3.55 -2.74	35.43 3.27 -0.71	32.44 2.87 0.00	30.98 2.40 0.00
LIPA_MISC_IPP 23656	34.44 2.31 0.00	32.68 1.99 0.00	32.42 1.60 0.00	31.61 1.48 0.00	31.48 1.41 0.00	32.41 1.51 0.00	33.15 1.76 0.00	32.97 2.36 0.00	35.19 2.73 0.00	38.51 2.98 0.00	38.67 3.13 0.00	38.66 3.13 -0.01	40.08 3.24 -0.82	41.40 3.33 -2.69	40.27 3.49 -1.51	44.75 3.60 -6.21	48.17 4.10 -5.38	49.42 4.63 -3.09	47.61 4.10 -5.55	45.68 3.89 -5.39	40.25 3.65 -2.44	35.48 3.40 -0.63	32.50 2.93 0.00	31.04 2.46 0.00
LISF__SOLAR 323691	34.54 2.41 0.00	32.80 2.12 0.00	32.52 1.69 0.00	31.70 1.57 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.06 2.45 0.00	35.25 2.79 0.00	38.58 3.06 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.15 3.31 -0.82	41.44 3.36 -2.70	40.34 3.56 -1.52	44.86 3.70 -6.22	48.25 4.18 -5.38	49.51 4.71 -3.09	47.73 4.21 -5.56	45.76 3.97 -5.40	40.32 3.72 -2.45	35.51 3.43 -0.63	32.29 2.72 0.00	30.73 2.14 0.00

LITTLE FALLS___HYD 24013	33.58 1.45 0.00	32.07 1.38 0.00	32.21 1.39 0.00	31.49 1.36 0.00	31.39 1.32 0.00	32.20 1.30 0.00	32.65 1.26 0.00	31.71 1.10 0.00	33.53 1.07 0.00	36.56 1.03 0.00	36.46 0.92 0.00	36.45 0.92 0.00	36.96 0.94 0.00	36.27 0.88 0.00	36.14 0.88 0.00	35.81 0.87 0.00	39.62 0.93 0.00	42.71 1.00 0.00	38.87 0.91 0.00	37.26 0.87 0.00	34.97 0.82 0.00	32.23 0.79 0.00	30.34 0.77 0.00	29.33 0.74 0.00
LITTLRIV_115KV_TB1 356100	32.74 0.61 0.00	31.30 0.61 0.00	31.50 0.68 0.00	30.79 0.66 0.00	30.73 0.66 0.00	31.52 0.62 0.00	31.89 0.50 0.00	31.13 0.52 0.00	33.04 0.58 0.00	36.17 0.64 0.00	36.21 0.68 0.00	36.20 0.68 0.00	36.52 0.50 0.00	35.85 0.46 0.00	35.65 0.39 0.00	35.15 0.21 0.00	38.96 0.27 0.00	41.91 0.21 0.00	38.07 0.11 0.00	36.43 0.04 0.00	34.12 -0.03 0.00	31.26 -0.19 0.00	29.51 -0.06 0.00	28.70 0.11 0.00
LI_NEWBRDGE___DRP 323616	33.74 1.61 0.00	32.03 1.35 0.00	31.87 1.05 0.00	31.07 0.93 0.00	30.94 0.87 0.00	31.86 0.96 0.00	32.52 1.13 0.00	32.23 1.62 0.00	34.41 1.95 0.00	37.69 2.17 0.00	37.81 2.27 0.00	37.81 2.27 -0.01	39.20 2.41 -0.76	40.37 2.48 -2.50	39.24 2.57 -1.41	43.41 2.62 -5.85	46.69 2.94 -5.06	47.95 3.34 -2.91	46.18 3.00 -5.23	44.38 2.91 -5.08	39.22 2.80 -2.27	34.62 2.58 -0.59	31.79 2.22 0.00	30.41 1.83 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.62 -2.51 0.00	28.60 -2.09 0.00	28.54 -2.28 0.00	27.96 -2.17 0.00	28.02 -2.04 0.00	28.77 -2.13 0.00	29.19 -2.20 0.00	27.82 -2.79 0.00	29.15 -3.31 0.00	31.97 -3.55 0.00	32.52 -3.02 0.00	32.47 -3.06 0.00	32.31 -3.71 0.00	31.42 -3.96 0.00	31.63 -3.63 0.00	31.37 -3.56 0.00	34.51 -4.18 0.00	36.57 -5.13 0.00	33.59 -4.36 0.00	32.50 -3.89 0.00	30.60 -3.55 0.00	28.34 -3.11 0.00	26.94 -2.63 0.00	25.98 -2.60 0.00
LOCKPORT___CC1 323769	29.59 -2.54 0.00	28.38 -2.30 0.00	28.54 -2.28 0.00	27.90 -2.23 0.00	27.90 -2.17 0.00	28.74 -2.16 0.00	29.10 -2.29 0.00	27.73 -2.88 0.00	29.15 -3.31 0.00	31.97 -3.55 0.00	32.48 -3.06 0.00	31.73 -3.80 0.00	32.27 -3.75 0.00	31.67 -3.71 0.00	31.17 -4.09 0.00	31.30 -3.63 0.00	34.47 -4.22 0.00	36.57 -5.13 0.00	33.52 -4.44 0.00	32.46 -3.93 0.00	30.60 -3.55 0.00	28.33 -3.11 0.00	26.41 -3.16 0.00	26.07 -2.52 0.00
LOCKPORT___CC2 323770	29.59 -2.54 0.00	28.38 -2.30 0.00	28.54 -2.28 0.00	27.90 -2.23 0.00	27.90 -2.17 0.00	28.74 -2.16 0.00	29.10 -2.29 0.00	27.73 -2.88 0.00	29.15 -3.31 0.00	31.97 -3.55 0.00	32.48 -3.06 0.00	31.73 -3.80 0.00	32.27 -3.75 0.00	31.67 -3.71 0.00	31.17 -4.09 0.00	31.30 -3.63 0.00	34.47 -4.22 0.00	36.57 -5.13 0.00	33.52 -4.44 0.00	32.46 -3.93 0.00	30.60 -3.55 0.00	28.33 -3.11 0.00	26.41 -3.16 0.00	26.07 -2.52 0.00
LOCKPORT___CC3 323771	29.59 -2.54 0.00	28.38 -2.30 0.00	28.54 -2.28 0.00	27.90 -2.23 0.00	27.90 -2.17 0.00	28.74 -2.16 0.00	29.10 -2.29 0.00	27.73 -2.88 0.00	29.15 -3.31 0.00	31.97 -3.55 0.00	32.48 -3.06 0.00	31.73 -3.80 0.00	32.27 -3.75 0.00	31.67 -3.71 0.00	31.17 -4.09 0.00	31.30 -3.63 0.00	34.47 -4.22 0.00	36.57 -5.13 0.00	33.52 -4.44 0.00	32.46 -3.93 0.00	30.60 -3.55 0.00	28.33 -3.11 0.00	26.41 -3.16 0.00	26.07 -2.52 0.00
LONG_LAKE_PHOENIX 24014	31.01 -1.12 0.00	29.64 -1.04 0.00	29.74 -1.08 0.00	29.11 -1.02 0.00	29.04 -1.02 0.00	29.85 -1.05 0.00	30.32 -1.07 0.00	29.54 -1.07 0.00	31.29 -1.17 0.00	34.28 -1.24 0.00	34.40 -1.14 0.00	34.43 -1.10 0.00	34.83 -1.19 0.00	34.18 -1.20 0.00	34.10 -1.16 0.00	33.78 -1.15 0.00	37.37 -1.32 0.00	40.29 -1.42 0.00	36.70 -1.25 0.00	35.23 -1.16 0.00	33.02 -1.13 0.00	30.44 -1.01 0.00	28.65 -0.92 0.00	27.67 -0.91 0.00
LOVETT___3 23632	33.42 1.29 0.00	31.79 1.10 0.00	31.84 1.02 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.83 1.22 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.07 1.53 0.00	37.06 1.53 0.00	37.68 1.66 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.79 1.85 0.00	40.85 2.17 0.00	44.21 2.50 0.00	40.20 2.24 0.00	38.50 2.11 0.00	36.20 2.05 0.00	33.30 1.86 0.00	31.14 1.57 0.00	30.01 1.43 0.00
LOVETT___4 23642	33.42 1.29 0.00	31.79 1.10 0.00	31.84 1.02 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.83 1.22 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.07 1.53 0.00	37.06 1.53 0.00	37.68 1.66 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.79 1.85 0.00	40.85 2.17 0.00	44.21 2.50 0.00	40.20 2.24 0.00	38.50 2.11 0.00	36.20 2.05 0.00	33.30 1.86 0.00	31.14 1.57 0.00	30.01 1.43 0.00
LOVETT___5 23593	33.42 1.29 0.00	31.79 1.10 0.00	31.84 1.02 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.83 1.22 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.07 1.53 0.00	37.06 1.53 0.00	37.68 1.66 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.79 1.85 0.00	40.85 2.17 0.00	44.21 2.50 0.00	40.20 2.24 0.00	38.50 2.11 0.00	36.20 2.05 0.00	33.30 1.86 0.00	31.14 1.57 0.00	30.01 1.43 0.00
LOWER RAQUET___HYD 24057	32.29 0.16 0.00	30.84 0.15 0.00	31.07 0.25 0.00	30.34 0.21 0.00	30.30 0.24 0.00	31.05 0.16 0.00	31.42 0.03 0.00	30.64 0.03 0.00	32.53 0.07 0.00	35.60 0.07 0.00	35.61 0.07 0.00	35.63 0.11 0.00	35.91 -0.11 0.00	35.24 -0.14 0.00	35.05 -0.21 0.00	34.55 -0.38 0.00	38.26 -0.42 0.00	41.16 -0.54 0.00	37.42 -0.53 0.00	35.77 -0.62 0.00	33.50 -0.65 0.00	30.73 -0.72 0.00	29.07 -0.50 0.00	28.27 -0.31 0.00
LOWER___HUDSON 24059	33.42 1.29 0.00	31.85 1.17 0.00	31.96 1.14 0.00	31.25 1.12 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.58 1.19 0.00	31.83 1.23 0.00	33.82 1.36 0.00	37.02 1.49 0.00	36.92 1.38 0.00	36.98 1.46 0.00	37.50 1.48 0.00	36.87 1.49 0.00	36.81 1.55 0.00	36.51 1.57 0.00	40.47 1.78 0.00	43.75 2.04 0.00	39.78 1.82 0.00	38.14 1.75 0.00	35.79 1.64 0.00	32.93 1.48 0.00	30.84 1.27 0.00	29.75 1.17 0.00
LOWVILLE_115KV_TB2 356335	32.13 0.00 0.00	30.65 -0.03 0.00	30.85 0.03 0.00	30.19 0.06 0.00	30.13 0.06 0.00	30.96 0.06 0.00	31.52 0.13 0.00	30.73 0.12 0.00	32.62 0.16 0.00	35.71 0.18 0.00	35.43 -0.11 0.00	35.42 -0.11 0.00	35.84 -0.18 0.00	35.10 -0.28 0.00	35.01 -0.25 0.00	34.66 -0.28 0.00	38.45 -0.23 0.00	41.50 -0.21 0.00	37.73 -0.23 0.00	36.17 -0.22 0.00	33.81 -0.34 0.00	31.07 -0.38 0.00	29.19 -0.38 0.00	28.21 -0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.45 1.32 0.00	31.85 1.17 0.00	31.99 1.17 0.00	31.25 1.11 0.00	31.15 1.08 0.00	32.04 1.14 0.00	32.65 1.26 0.00	31.86 1.25 0.00	33.89 1.43 0.00	37.13 1.60 0.00	37.07 1.53 0.00	37.09 1.56 0.00	37.64 1.62 0.00	37.01 1.63 0.00	36.92 1.66 0.00	36.65 1.71 0.00	40.66 1.97 0.00	43.96 2.25 0.00	39.93 1.97 0.00	38.25 1.86 0.00	35.89 1.74 0.00	33.02 1.57 0.00	31.17 1.60 0.00	30.10 1.51 0.00

LUTHERNY_35_KV_BK2 355980	33.48 1.35 0.00	31.88 1.20 0.00	32.02 1.20 0.00	31.28 1.15 0.00	31.18 1.11 0.00	32.04 1.14 0.00	32.68 1.29 0.00	31.86 1.25 0.00	33.89 1.43 0.00	37.16 1.63 0.00	37.10 1.56 0.00	37.13 1.60 0.00	37.68 1.66 0.00	37.05 1.66 0.00	36.95 1.69 0.00	36.68 1.75 0.00	40.70 2.01 0.00	44.00 2.29 0.00	39.97 2.01 0.00	38.28 1.89 0.00	35.93 1.78 0.00	33.02 1.57 0.00	31.20 1.63 0.00	30.10 1.51 0.00
LWR___OSWEGATCHIE_HYD 23850	31.87 -0.26 0.00	30.44 -0.25 0.00	30.64 -0.18 0.00	29.98 -0.15 0.00	29.88 -0.18 0.00	30.68 -0.22 0.00	31.11 -0.28 0.00	30.36 -0.24 0.00	32.23 -0.23 0.00	35.28 -0.25 0.00	35.18 -0.36 0.00	35.21 -0.32 0.00	35.51 -0.50 0.00	34.85 -0.53 0.00	34.70 -0.56 0.00	34.27 -0.66 0.00	37.99 -0.70 0.00	40.95 -0.75 0.00	37.20 -0.76 0.00	35.66 -0.73 0.00	33.37 -0.79 0.00	30.60 -0.85 0.00	28.86 -0.71 0.00	27.98 -0.60 0.00
LYONS_FALL_HYD 23570	32.32 0.19 0.00	30.84 0.15 0.00	31.01 0.19 0.00	30.34 0.21 0.00	30.28 0.21 0.00	31.12 0.22 0.00	31.67 0.28 0.00	30.88 0.27 0.00	32.82 0.36 0.00	35.92 0.39 0.00	35.79 0.25 0.00	35.74 0.21 0.00	36.20 0.18 0.00	35.49 0.11 0.00	35.37 0.11 0.00	35.04 0.11 0.00	38.84 0.16 0.00	41.91 0.21 0.00	38.11 0.15 0.00	36.57 0.18 0.00	34.22 0.07 0.00	31.45 0.00 0.00	29.54 -0.03 0.00	28.55 -0.03 0.00
MADISON___COUNTY_LFGE 323628	32.58 0.45 0.00	31.11 0.43 0.00	31.25 0.43 0.00	30.58 0.45 0.00	30.52 0.45 0.00	31.36 0.46 0.00	31.95 0.57 0.00	31.13 0.52 0.00	33.04 0.58 0.00	36.17 0.64 0.00	36.28 0.75 0.00	36.24 0.71 0.00	36.74 0.72 0.00	36.02 0.64 0.00	35.90 0.63 0.00	35.57 0.63 0.00	39.38 0.70 0.00	42.46 0.75 0.00	38.60 0.65 0.00	37.05 0.66 0.00	34.70 0.55 0.00	31.92 0.47 0.00	29.98 0.41 0.00	28.98 0.40 0.00
MALONE___115KV_TB1 356076	32.93 0.80 0.00	31.48 0.80 0.00	31.75 0.92 0.00	30.98 0.84 0.00	30.94 0.87 0.00	31.86 0.96 0.00	32.17 0.78 0.00	31.40 0.80 0.00	33.30 0.84 0.00	36.49 0.96 0.00	36.57 1.03 0.00	36.56 1.03 0.00	36.99 0.97 0.00	36.23 0.85 0.00	35.97 0.71 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.08 0.38 0.00	38.18 0.23 0.00	36.46 0.07 0.00	34.19 0.03 0.00	31.26 -0.19 0.00	29.39 -0.18 0.00	28.55 -0.03 0.00
MAPLEWOD_115KV_TB3 80458	33.32 1.19 0.00	31.76 1.07 0.00	31.87 1.05 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.49 1.10 0.00	31.74 1.13 0.00	33.73 1.27 0.00	36.95 1.42 0.00	36.68 1.14 0.00	36.70 1.17 0.00	37.28 1.26 0.00	36.66 1.27 0.00	36.57 1.30 0.00	36.30 1.36 0.00	40.20 1.51 0.00	43.46 1.75 0.00	39.51 1.56 0.00	37.88 1.49 0.00	35.59 1.43 0.00	32.83 1.38 0.00	30.84 1.27 0.00	29.81 1.23 0.00
MAPLE_RIDGE_WT_1 323574	31.78 -0.35 0.00	30.38 -0.31 0.00	30.57 -0.25 0.00	29.92 -0.21 0.00	29.89 -0.18 0.00	30.78 -0.12 0.00	31.23 -0.16 0.00	30.43 -0.18 0.00	32.23 -0.23 0.00	35.17 -0.36 0.00	35.11 -0.42 0.00	35.03 -0.50 0.00	35.44 -0.58 0.00	34.78 -0.60 0.00	34.63 -0.63 0.00	34.24 -0.70 0.00	37.87 -0.81 0.00	40.83 -0.88 0.00	37.12 -0.84 0.00	35.55 -0.84 0.00	33.37 -0.78 0.00	30.69 -0.76 0.00	28.89 -0.68 0.00	27.93 -0.66 0.00
MAPLE_RIDGE_WT_2 323611	31.78 -0.35 0.00	30.38 -0.31 0.00	30.57 -0.25 0.00	29.92 -0.21 0.00	29.89 -0.18 0.00	30.78 -0.12 0.00	31.23 -0.16 0.00	30.43 -0.18 0.00	32.23 -0.23 0.00	35.17 -0.36 0.00	35.11 -0.42 0.00	35.03 -0.50 0.00	35.44 -0.58 0.00	34.78 -0.60 0.00	34.63 -0.63 0.00	34.24 -0.70 0.00	37.87 -0.81 0.00	40.83 -0.88 0.00	37.12 -0.84 0.00	35.55 -0.84 0.00	33.37 -0.78 0.00	30.69 -0.76 0.00	28.89 -0.68 0.00	27.93 -0.66 0.00
MARBLE_RIVER_WT_PWR 323696	32.48 0.35 0.00	31.08 0.40 0.00	31.31 0.49 0.00	30.55 0.42 0.00	30.54 0.48 0.00	31.46 0.56 0.00	31.74 0.35 0.00	30.98 0.37 0.00	32.85 0.39 0.00	35.96 0.43 0.00	36.00 0.46 0.00	35.99 0.46 0.00	36.45 0.43 0.00	35.70 0.32 0.00	35.44 0.18 0.00	34.90 -0.03 0.00	38.57 -0.12 0.00	41.41 -0.29 0.00	37.58 -0.38 0.00	35.85 -0.54 0.00	33.60 -0.55 0.00	30.76 -0.69 0.00	28.92 -0.65 0.00	28.10 -0.49 0.00
MARSHVLE_115KV_TB1 80742	33.42 1.29 0.00	31.79 1.10 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.09 1.02 0.00	32.01 1.11 0.00	32.68 1.29 0.00	31.86 1.25 0.00	33.86 1.40 0.00	37.02 1.49 0.00	37.07 1.53 0.00	36.95 1.42 0.00	37.42 1.40 0.00	36.91 1.52 0.00	36.78 1.52 0.00	36.72 1.78 0.00	40.81 2.13 0.00	44.21 2.50 0.00	40.16 2.20 0.00	38.46 2.07 0.00	36.10 1.95 0.00	33.08 1.64 0.00	30.96 1.39 0.00	29.84 1.26 0.00
MARSH_HILL_WT_PWR 323713	31.23 -0.90 0.00	29.92 -0.77 0.00	30.17 -0.65 0.00	29.56 -0.57 0.00	29.55 -0.51 0.00	30.37 -0.53 0.00	30.73 -0.66 0.00	29.41 -1.19 0.00	30.74 -1.72 0.00	33.32 -2.20 0.00	33.55 -1.99 0.00	32.94 -2.59 0.00	33.21 -2.81 0.00	32.45 -2.94 0.00	31.91 -3.35 0.00	31.72 -3.21 0.00	35.17 -3.52 0.00	37.78 -3.92 0.00	34.54 -3.42 0.00	33.33 -3.06 0.00	31.35 -2.80 0.00	28.93 -2.52 0.00	26.94 -2.63 0.00	26.27 -2.31 0.00
MCINTYRE_115KV_TB2 80467	33.09 0.96 0.00	31.60 0.92 0.00	31.84 1.02 0.00	31.10 0.96 0.00	31.06 0.99 0.00	31.86 0.96 0.00	32.27 0.88 0.00	31.47 0.86 0.00	33.40 0.94 0.00	36.56 1.03 0.00	36.60 1.07 0.00	36.59 1.07 0.00	36.92 0.90 0.00	36.27 0.88 0.00	36.07 0.81 0.00	35.60 0.66 0.00	39.46 0.77 0.00	42.46 0.75 0.00	38.56 0.61 0.00	36.94 0.55 0.00	34.56 0.41 0.00	31.70 0.25 0.00	29.90 0.33 0.00	29.01 0.43 0.00
MECO_____69_KV_BK1 80468	34.22 2.09 0.00	32.56 1.87 0.00	32.70 1.88 0.00	31.94 1.81 0.00	31.81 1.74 0.00	32.75 1.85 0.00	33.46 2.07 0.00	32.60 1.99 0.00	34.63 2.17 0.00	37.87 2.34 0.00	37.92 2.38 0.00	37.91 2.38 0.00	38.36 2.34 0.00	37.76 2.37 0.00	37.69 2.43 0.00	37.59 2.66 0.00	41.86 3.17 0.00	45.33 3.63 0.00	41.18 3.23 0.00	39.41 3.02 0.00	36.95 2.80 0.00	33.84 2.39 0.00	31.73 2.16 0.00	30.55 1.97 0.00
MENANDS___115KV_TB5 355628	33.26 1.12 0.00	31.70 1.01 0.00	31.81 0.99 0.00	31.10 0.96 0.00	31.00 0.93 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.65 1.04 0.00	33.66 1.20 0.00	36.84 1.31 0.00	36.57 1.03 0.00	36.56 1.03 0.00	37.14 1.12 0.00	36.55 1.17 0.00	36.42 1.16 0.00	36.20 1.26 0.00	40.04 1.35 0.00	43.29 1.58 0.00	39.36 1.40 0.00	37.74 1.35 0.00	35.45 1.30 0.00	32.74 1.29 0.00	30.75 1.18 0.00	29.73 1.14 0.00
MG INDUSTRY___DRP 24185	33.16 1.03 0.00	31.60 0.92 0.00	31.75 0.92 0.00	31.04 0.90 0.00	30.94 0.87 0.00	31.79 0.90 0.00	32.36 0.97 0.00	31.53 0.92 0.00	33.50 1.04 0.00	36.66 1.14 0.00	36.46 0.92 0.00	36.45 0.92 0.00	37.03 1.01 0.00	36.45 1.06 0.00	36.32 1.06 0.00	36.06 1.12 0.00	39.89 1.20 0.00	43.08 1.38 0.00	39.21 1.25 0.00	37.59 1.20 0.00	35.31 1.16 0.00	32.58 1.13 0.00	30.60 1.03 0.00	29.58 1.00 0.00

MID___OSWEGATCHIE_HYD 23849	31.87 -0.26 0.00	30.44 -0.25 0.00	30.64 -0.18 0.00	29.98 -0.15 0.00	29.88 -0.18 0.00	30.68 -0.22 0.00	31.11 -0.28 0.00	30.36 -0.24 0.00	32.23 -0.23 0.00	35.28 -0.25 0.00	35.18 -0.36 0.00	35.21 -0.32 0.00	35.51 -0.50 0.00	34.85 -0.53 0.00	34.70 -0.56 0.00	34.27 -0.66 0.00	37.99 -0.70 0.00	40.95 -0.75 0.00	37.20 -0.76 0.00	35.66 -0.73 0.00	33.37 -0.79 0.00	30.60 -0.85 0.00	28.86 -0.71 0.00	27.98 -0.60 0.00
MID___RAQUETTE_HYD 23851	32.29 0.16 0.00	30.84 0.15 0.00	31.07 0.25 0.00	30.34 0.21 0.00	30.31 0.24 0.00	31.05 0.15 0.00	31.42 0.03 0.00	30.64 0.03 0.00	32.52 0.06 0.00	35.60 0.07 0.00	35.61 0.07 0.00	35.60 0.07 0.00	35.91 -0.11 0.00	35.24 -0.14 0.00	35.05 -0.21 0.00	34.52 -0.42 0.00	38.26 -0.43 0.00	41.16 -0.54 0.00	37.39 -0.57 0.00	35.77 -0.62 0.00	33.50 -0.65 0.00	30.76 -0.69 0.00	29.07 -0.50 0.00	28.27 -0.31 0.00
MILLIKEN___1 23584	32.10 -0.03 0.00	30.68 0.00 0.00	30.79 -0.03 0.00	30.13 0.00 0.00	30.07 0.00 0.00	30.90 0.00 0.00	31.45 0.06 0.00	30.58 -0.03 0.00	32.40 -0.06 0.00	35.46 -0.07 0.00	35.65 0.11 0.00	35.63 0.11 0.00	36.02 0.00 0.00	35.31 -0.07 0.00	35.23 -0.04 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.66 -0.04 0.00	37.96 0.00 0.00	36.46 0.07 0.00	34.15 0.00 0.00	31.48 0.03 0.00	29.54 -0.03 0.00	28.53 -0.06 0.00
MILLIKEN___2 23585	32.10 -0.03 0.00	30.68 0.00 0.00	30.79 -0.03 0.00	30.13 0.00 0.00	30.07 0.00 0.00	30.90 0.00 0.00	31.45 0.06 0.00	30.58 -0.03 0.00	32.40 -0.06 0.00	35.46 -0.07 0.00	35.65 0.11 0.00	35.63 0.11 0.00	36.02 0.00 0.00	35.31 -0.07 0.00	35.23 -0.04 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.66 -0.04 0.00	37.96 0.00 0.00	36.46 0.07 0.00	34.15 0.00 0.00	31.48 0.03 0.00	29.54 -0.03 0.00	28.53 -0.06 0.00
MILLIKEN___DIESEL 23629	32.10 -0.03 0.00	30.68 0.00 0.00	30.79 -0.03 0.00	30.13 0.00 0.00	30.07 0.00 0.00	30.90 0.00 0.00	31.45 0.06 0.00	30.58 -0.03 0.00	32.40 -0.06 0.00	35.46 -0.07 0.00	35.65 0.11 0.00	35.63 0.11 0.00	36.02 0.00 0.00	35.31 -0.07 0.00	35.23 -0.04 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.66 -0.04 0.00	37.96 0.00 0.00	36.46 0.07 0.00	34.15 0.00 0.00	31.48 0.03 0.00	29.54 -0.03 0.00	28.53 -0.06 0.00
MILLSEAT___LFGE 323607	30.17 -1.96 0.00	28.90 -1.78 0.00	29.07 -1.76 0.00	28.44 -1.69 0.00	28.41 -1.65 0.00	29.26 -1.64 0.00	29.66 -1.73 0.00	28.34 -2.26 0.00	29.83 -2.63 0.00	32.79 -2.73 0.00	33.33 -2.20 0.00	32.61 -2.91 0.00	33.14 -2.88 0.00	32.55 -2.83 0.00	32.09 -3.17 0.00	32.14 -2.80 0.00	35.48 -3.21 0.00	37.70 -4.00 0.00	34.54 -3.42 0.00	33.44 -2.95 0.00	31.45 -2.70 0.00	29.06 -2.39 0.00	27.09 -2.48 0.00	26.64 -1.94 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.51 1.38 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.96 1.35 0.00	34.02 1.56 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.23 1.71 0.00	37.82 1.80 0.00	37.26 1.88 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.01 2.32 0.00	44.37 2.67 0.00	40.35 2.39 0.00	38.68 2.29 0.00	36.34 2.19 0.00	33.43 1.98 0.00	31.26 1.69 0.00	30.13 1.54 0.00
MILLWOOD_13_KV_LOAD 356217	33.58 1.45 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	32.01 1.11 0.00	32.58 1.19 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.34 1.81 0.00	37.28 1.74 0.00	37.30 1.78 0.00	37.89 1.87 0.00	37.37 1.98 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.12 2.44 0.00	44.50 2.79 0.00	40.46 2.51 0.00	38.76 2.37 0.00	36.41 2.25 0.00	33.49 2.04 0.00	31.31 1.74 0.00	30.18 1.60 0.00
MODEL_CITY_ENERGY 24167	29.24 -2.89 0.00	28.05 -2.64 0.00	28.20 -2.62 0.00	27.60 -2.53 0.00	27.57 -2.50 0.00	28.40 -2.50 0.00	28.75 -2.64 0.00	27.42 -3.18 0.00	28.79 -3.67 0.00	31.58 -3.94 0.00	32.13 -3.41 0.00	31.33 -4.19 0.00	31.91 -4.11 0.00	31.32 -4.07 0.00	30.82 -4.44 0.00	30.92 -4.02 0.00	34.08 -4.60 0.00	36.12 -5.59 0.00	33.10 -4.86 0.00	32.10 -4.29 0.00	30.23 -3.93 0.00	28.02 -3.43 0.00	26.11 -3.46 0.00	25.81 -2.77 0.00
MODERN_LFGE___ 323580	29.24 -2.89 0.00	28.05 -2.64 0.00	28.20 -2.62 0.00	27.60 -2.53 0.00	27.57 -2.50 0.00	28.40 -2.50 0.00	28.75 -2.64 0.00	27.42 -3.18 0.00	28.79 -3.67 0.00	31.58 -3.94 0.00	32.13 -3.41 0.00	31.33 -4.19 0.00	31.91 -4.11 0.00	31.32 -4.07 0.00	30.82 -4.44 0.00	30.92 -4.02 0.00	34.08 -4.60 0.00	36.12 -5.59 0.00	33.10 -4.86 0.00	32.10 -4.29 0.00	30.23 -3.93 0.00	28.02 -3.43 0.00	26.11 -3.46 0.00	25.81 -2.77 0.00
MOHAWK_PAPER___DRP 24187	33.32 1.19 0.00	31.76 1.07 0.00	31.87 1.05 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.49 1.10 0.00	31.74 1.13 0.00	33.73 1.27 0.00	36.95 1.42 0.00	36.68 1.14 0.00	36.70 1.17 0.00	37.28 1.26 0.00	36.66 1.27 0.00	36.57 1.30 0.00	36.30 1.36 0.00	40.20 1.51 0.00	43.46 1.75 0.00	39.51 1.56 0.00	37.88 1.49 0.00	35.59 1.43 0.00	32.83 1.38 0.00	30.84 1.27 0.00	29.81 1.23 0.00
MOHICAN___35_KV_115KV_LD 80490	33.22 1.09 0.00	31.60 0.92 0.00	31.72 0.89 0.00	30.98 0.84 0.00	30.91 0.84 0.00	31.79 0.90 0.00	32.43 1.04 0.00	31.65 1.04 0.00	33.73 1.27 0.00	36.95 1.42 0.00	36.92 1.39 0.00	36.98 1.46 0.00	37.50 1.48 0.00	36.87 1.49 0.00	36.74 1.48 0.00	36.51 1.57 0.00	40.54 1.86 0.00	43.87 2.17 0.00	39.82 1.86 0.00	38.10 1.71 0.00	35.76 1.61 0.00	32.83 1.38 0.00	31.31 1.74 0.00	30.21 1.63 0.00
MONGAUP___HYD 23641	33.70 1.57 0.00	32.07 1.38 0.00	32.12 1.29 0.00	31.37 1.24 0.00	31.27 1.20 0.00	32.14 1.24 0.00	32.68 1.29 0.00	31.99 1.38 0.00	33.95 1.49 0.00	37.05 1.53 0.00	36.96 1.42 0.00	36.98 1.46 0.00	37.53 1.51 0.00	36.94 1.56 0.00	36.99 1.73 0.00	36.82 1.89 0.00	40.97 2.28 0.00	44.38 2.67 0.00	40.35 2.39 0.00	38.65 2.26 0.00	36.27 2.12 0.00	33.37 1.92 0.00	31.11 1.54 0.00	29.90 1.32 0.00
MONTAUK___DIESEL 23721	34.44 2.31 0.00	32.65 1.96 0.00	32.39 1.57 0.00	31.64 1.51 0.00	31.51 1.44 0.00	32.51 1.61 0.00	33.30 1.91 0.00	33.15 2.54 0.00	35.35 2.89 0.00	38.58 3.06 0.00	38.38 2.84 0.00	38.38 2.84 -0.01	39.79 2.95 -0.82	41.12 3.04 -2.69	40.02 3.24 -1.51	44.54 3.39 -6.22	48.01 3.95 -5.38	49.26 4.46 -3.09	47.31 3.80 -5.56	45.35 3.57 -5.40	39.91 3.31 -2.44	35.10 3.02 -0.63	32.08 2.51 0.00	30.87 2.29 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.62 -1.51 0.00	29.61 -1.07 0.00	29.71 -1.11 0.00	29.20 -0.93 0.00	29.31 -0.75 0.00	30.00 -0.90 0.00	30.29 -1.10 0.00	28.77 -1.84 0.00	29.86 -2.60 0.00	32.47 -3.06 0.00	32.73 -2.81 0.00	32.69 -2.84 0.00	32.34 -3.67 0.00	31.25 -4.14 0.00	31.42 -3.84 0.00	31.09 -3.84 0.00	34.32 -4.37 0.00	36.70 -5.00 0.00	33.70 -4.25 0.00	32.68 -3.71 0.00	30.70 -3.45 0.00	28.40 -3.05 0.00	26.94 -2.63 0.00	25.95 -2.63 0.00

MORRIS RIDGE___SOLAR 323848	30.59 -1.54 0.00	29.33 -1.35 0.00	29.56 -1.27 0.00	28.96 -1.18 0.00	28.95 -1.11 0.00	29.76 -1.14 0.00	30.13 -1.26 0.00	28.90 -1.71 0.00	30.29 -2.17 0.00	32.97 -2.56 0.00	33.30 -2.24 0.00	32.68 -2.84 0.00	33.07 -2.95 0.00	32.34 -3.04 0.00	31.95 -3.32 0.00	31.93 -3.00 0.00	35.28 -3.40 0.00	37.78 -3.92 0.00	34.58 -3.38 0.00	33.37 -3.02 0.00	31.42 -2.73 0.00	29.03 -2.42 0.00	27.09 -2.48 0.00	26.50 -2.09 0.00
MORTIMER_115KV_TB3 55949	30.52 -1.61 0.00	29.33 -1.35 0.00	29.34 -1.48 0.00	28.72 -1.42 0.00	28.71 -1.35 0.00	29.48 -1.42 0.00	29.98 -1.41 0.00	28.93 -1.68 0.00	30.45 -2.01 0.00	33.50 -2.03 0.00	33.87 -1.67 0.00	33.86 -1.67 0.00	33.97 -2.05 0.00	33.19 -2.19 0.00	33.29 -1.97 0.00	32.98 -1.96 0.00	36.40 -2.28 0.00	38.87 -2.84 0.00	35.56 -2.39 0.00	34.24 -2.15 0.00	32.14 -2.01 0.00	29.66 -1.79 0.00	28.03 -1.54 0.00	27.01 -1.57 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.25 1.11 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
MUNSVILLE_WIND_PWR 323609	33.96 1.83 0.00	32.40 1.72 0.00	32.64 1.82 0.00	31.94 1.81 0.00	31.81 1.74 0.00	32.78 1.89 0.00	33.49 2.10 0.00	32.57 1.96 0.00	34.57 2.11 0.00	37.77 2.24 0.00	37.92 2.38 0.00	37.73 2.20 0.00	38.11 2.09 0.00	37.12 1.73 0.00	36.92 1.66 0.00	36.51 1.57 0.00	40.51 1.82 0.00	43.67 1.96 0.00	39.70 1.75 0.00	38.17 1.78 0.00	35.65 1.50 0.00	32.77 1.32 0.00	30.66 1.09 0.00	29.70 1.11 0.00
N SALMON___HYD 24042	32.93 0.80 0.00	31.48 0.80 0.00	31.75 0.92 0.00	30.97 0.84 0.00	30.94 0.87 0.00	31.86 0.96 0.00	32.17 0.79 0.00	31.40 0.79 0.00	33.30 0.84 0.00	36.49 0.96 0.00	36.57 1.03 0.00	36.56 1.03 0.00	36.99 0.97 0.00	36.23 0.85 0.00	35.97 0.70 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.08 0.37 0.00	38.18 0.23 0.00	36.46 0.07 0.00	34.19 0.03 0.00	31.26 -0.19 0.00	29.39 -0.18 0.00	28.53 -0.06 0.00
N.AKRON__115KV_KNAPP 355671	30.14 -1.99 0.00	29.09 -1.60 0.00	29.03 -1.79 0.00	28.44 -1.69 0.00	28.50 -1.56 0.00	29.23 -1.67 0.00	29.69 -1.70 0.00	28.37 -2.23 0.00	29.77 -2.69 0.00	32.72 -2.81 0.00	33.23 -2.31 0.00	33.22 -2.31 0.00	33.07 -2.95 0.00	32.20 -3.18 0.00	32.41 -2.86 0.00	32.11 -2.83 0.00	35.40 -3.29 0.00	37.58 -4.13 0.00	34.46 -3.49 0.00	33.33 -3.06 0.00	31.32 -2.83 0.00	28.96 -2.48 0.00	27.50 -2.07 0.00	26.47 -2.12 0.00
N.BELMOR_69_KV_BK1 55787	33.96 1.83 0.00	32.25 1.56 0.00	32.09 1.26 0.00	31.28 1.15 0.00	31.15 1.08 0.00	32.07 1.17 0.00	32.74 1.35 0.00	32.45 1.84 0.00	34.63 2.17 0.00	37.94 2.42 0.00	38.06 2.52 0.00	38.10 2.56 -0.01	39.83 2.67 -1.14	41.86 2.72 -3.75	40.19 2.82 -2.11	46.04 2.83 -8.27	49.10 3.25 -7.16	49.45 3.63 -4.11	48.65 3.30 -7.39	46.74 3.17 -7.18	40.59 3.04 -3.40	35.13 2.80 -0.88	32.02 2.45 0.00	30.64 2.06 0.00
N.E_GEN_SANDY PD 24062	36.71 1.41 -3.17	33.80 1.29 -1.83	32.31 1.23 -0.26	34.30 1.17 -2.99	34.10 1.17 -2.86	34.40 1.17 -2.33	35.50 1.26 -2.85	37.73 1.35 -5.78	40.44 1.49 -6.49	40.71 1.64 -3.55	42.56 1.53 -5.50	43.00 1.60 -5.87	42.00 1.66 -4.32	42.14 1.66 -5.09	43.15 1.76 -6.13	44.34 1.78 -7.62	48.67 2.01 -7.97	50.66 2.29 -6.66	47.94 2.09 -7.90	46.74 2.00 -8.35	44.37 1.88 -8.34	40.80 1.73 -7.62	37.79 1.45 -6.77	36.77 1.29 -6.90
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.45 1.32 0.00	31.82 1.14 0.00	31.87 1.05 0.00	31.13 0.99 0.00	31.03 0.96 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.86 1.25 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.10 1.56 0.00	37.13 1.60 0.00	37.71 1.69 0.00	37.15 1.77 0.00	37.13 1.87 0.00	36.86 1.92 0.00	40.89 2.21 0.00	44.25 2.54 0.00	40.27 2.32 0.00	38.57 2.18 0.00	36.23 2.08 0.00	33.37 1.92 0.00	31.20 1.63 0.00	30.04 1.46 0.00
N.QUEENS_27_KV_LOAD 356247	33.67 1.54 0.00	32.19 1.50 0.00	32.15 1.33 0.00	31.37 1.24 0.00	31.24 1.17 0.00	31.92 1.02 0.00	32.49 1.10 0.00	32.02 1.41 0.00	34.05 1.59 0.00	37.23 1.71 0.00	37.21 1.67 0.00	37.23 1.71 0.00	37.86 1.84 0.00	37.37 1.98 0.00	37.31 2.05 0.00	37.03 2.10 0.00	41.09 2.40 0.00	44.46 2.75 0.00	40.46 2.51 0.00	38.79 2.40 0.00	36.47 2.32 0.00	33.56 2.11 0.00	31.40 1.83 0.00	30.53 1.94 0.00
N.TROY___115KV_TB1 355778	33.42 1.29 0.00	31.82 1.14 0.00	31.96 1.14 0.00	31.22 1.08 0.00	31.12 1.05 0.00	32.01 1.11 0.00	32.58 1.19 0.00	31.80 1.19 0.00	33.82 1.36 0.00	37.06 1.53 0.00	36.92 1.39 0.00	36.91 1.39 0.00	37.50 1.48 0.00	36.87 1.49 0.00	36.78 1.52 0.00	36.51 1.57 0.00	40.47 1.78 0.00	43.75 2.04 0.00	39.78 1.82 0.00	38.14 1.75 0.00	35.79 1.64 0.00	32.99 1.54 0.00	31.02 1.45 0.00	29.93 1.34 0.00
NARROWS_GT1_1 24228	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT1_2 24229	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT1_3 24230	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT1_4 24231	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29

NARROWS_GT1_5 24232	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT1_6 24233	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT1_7 24234	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT1_8 24235	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_1 24236	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_2 24237	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_3 24238	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_4 24239	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_5 24240	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_6 24241	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_7 24242	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NARROWS_GT2_8 24243	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.06 1.93 0.00	32.40 1.72 0.00	32.55 1.73 0.00	31.79 1.66 0.00	31.72 1.65 0.00	32.60 1.70 0.00	33.15 1.76 0.00	32.32 1.71 0.00	34.38 1.92 0.00	37.52 1.99 0.00	37.21 1.67 0.00	37.13 1.60 0.00	37.71 1.69 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.93 1.99 0.00	40.97 2.28 0.00	44.37 2.67 0.00	40.31 2.35 0.00	38.61 2.22 0.00	36.20 2.05 0.00	33.40 1.95 0.00	31.31 1.74 0.00	30.30 1.71 0.00
NCHELSEA_115KV_TR2 355582	33.87 1.74 0.00	32.22 1.53 0.00	32.27 1.45 0.00	31.52 1.39 0.00	31.42 1.35 0.00	32.29 1.39 0.00	32.86 1.48 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.52 1.99 0.00	37.46 1.92 0.00	37.45 1.92 0.00	38.07 2.05 0.00	37.54 2.16 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.36 2.67 0.00	44.79 3.09 0.00	40.69 2.73 0.00	38.97 2.58 0.00	36.61 2.46 0.00	33.68 2.23 0.00	31.49 1.92 0.00	30.35 1.77 0.00
NEG CAPITAL___MECHNVIL 23645	33.61 1.48 0.00	32.00 1.32 0.00	32.12 1.29 0.00	31.40 1.27 0.00	31.30 1.23 0.00	32.17 1.27 0.00	32.77 1.38 0.00	31.99 1.38 0.00	34.02 1.56 0.00	37.27 1.74 0.00	37.24 1.71 0.00	37.30 1.78 0.00	37.82 1.80 0.00	37.19 1.80 0.00	37.09 1.83 0.00	36.82 1.89 0.00	40.85 2.17 0.00	44.16 2.46 0.00	40.12 2.16 0.00	38.43 2.04 0.00	36.06 1.91 0.00	33.11 1.67 0.00	30.99 1.42 0.00	29.90 1.32 0.00



NEG CENTRAL_HIGH_ACRES 23767	30.17 -1.96 0.00	28.84 -1.84 0.00	28.97 -1.85 0.00	28.35 -1.78 0.00	28.29 -1.77 0.00	29.11 -1.79 0.00	29.57 -1.82 0.00	28.59 -2.02 0.00	30.22 -2.24 0.00	33.25 -2.27 0.00	33.58 -1.95 0.00	33.22 -2.31 0.00	33.75 -2.27 0.00	33.12 -2.27 0.00	32.83 -2.43 0.00	32.70 -2.24 0.00	36.17 -2.51 0.00	38.70 -3.00 0.00	35.34 -2.62 0.00	34.03 -2.36 0.00	31.93 -2.22 0.00	29.47 -1.98 0.00	27.59 -1.98 0.00	26.87 -1.71 0.00
NEG CENTRAL___DRP 24199	31.39 -0.74 0.00	30.04 -0.64 0.00	30.14 -0.68 0.00	29.50 -0.63 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.79 -0.60 0.00	29.84 -0.77 0.00	31.52 -0.94 0.00	34.53 -0.99 0.00	34.79 -0.75 0.00	34.75 -0.78 0.00	35.05 -0.97 0.00	34.32 -1.06 0.00	34.24 -1.02 0.00	33.96 -0.98 0.00	37.60 -1.08 0.00	40.45 -1.25 0.00	36.93 -1.02 0.00	35.44 -0.95 0.00	33.26 -0.89 0.00	30.66 -0.79 0.00	28.80 -0.77 0.00	27.81 -0.77 0.00
NEG CENTRAL___INDECK 23768	31.62 -0.52 0.00	30.22 -0.46 0.00	30.39 -0.43 0.00	29.74 -0.39 0.00	29.71 -0.36 0.00	30.59 -0.31 0.00	31.05 -0.34 0.00	29.87 -0.73 0.00	31.42 -1.04 0.00	34.39 -1.14 0.00	34.69 -0.85 0.00	34.14 -1.39 0.00	34.61 -1.41 0.00	33.90 -1.48 0.00	33.50 -1.76 0.00	33.50 -1.43 0.00	37.26 -1.43 0.00	39.95 -1.75 0.00	36.51 -1.44 0.00	35.19 -1.20 0.00	33.03 -1.13 0.00	30.44 -1.01 0.00	28.39 -1.18 0.00	27.70 -0.89 0.00
NEG CENTRAL___SENECA 23627	31.42 -0.71 0.00	30.10 -0.58 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.52 -0.54 0.00	30.34 -0.56 0.00	30.86 -0.53 0.00	29.84 -0.77 0.00	31.45 -1.01 0.00	34.46 -1.07 0.00	34.76 -0.78 0.00	34.67 -0.85 0.00	34.90 -1.12 0.00	34.11 -1.27 0.00	34.10 -1.16 0.00	33.82 -1.12 0.00	37.41 -1.28 0.00	40.24 -1.46 0.00	36.74 -1.21 0.00	35.30 -1.09 0.00	33.09 -1.06 0.00	30.54 -0.91 0.00	28.71 -0.86 0.00	27.67 -0.91 0.00
NEG CENTRAL___STATE_STREET 24147	31.58 -0.55 0.00	30.19 -0.49 0.00	30.30 -0.52 0.00	29.65 -0.48 0.00	29.58 -0.48 0.00	30.40 -0.49 0.00	30.95 -0.44 0.00	30.09 -0.52 0.00	31.88 -0.58 0.00	34.92 -0.60 0.00	35.15 -0.39 0.00	35.10 -0.43 0.00	35.51 -0.50 0.00	34.78 -0.60 0.00	34.73 -0.53 0.00	34.41 -0.52 0.00	38.11 -0.58 0.00	41.04 -0.67 0.00	37.42 -0.53 0.00	35.92 -0.47 0.00	33.67 -0.48 0.00	31.01 -0.44 0.00	29.13 -0.44 0.00	28.10 -0.49 0.00
NEG MILLWOOD___DRP 24198	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.96 1.57 0.00	32.32 1.71 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.71 2.17 0.00	37.66 2.13 0.00	38.29 2.27 0.00	37.76 2.37 0.00	37.73 2.47 0.00	37.45 2.52 0.00	41.59 2.90 0.00	45.00 3.29 0.00	40.88 2.92 0.00	39.16 2.77 0.00	36.75 2.60 0.00	33.78 2.33 0.00	31.58 2.01 0.00	30.41 1.83 0.00
NEG NORTH_FLCN_SEA 23793	32.93 0.80 0.00	31.51 0.83 0.00	31.72 0.89 0.00	30.95 0.81 0.00	30.94 0.87 0.00	31.86 0.96 0.00	31.95 0.57 0.00	31.16 0.55 0.00	33.08 0.62 0.00	36.20 0.68 0.00	36.25 0.71 0.00	36.24 0.71 0.00	36.70 0.68 0.00	35.95 0.57 0.00	35.68 0.42 0.00	35.11 0.17 0.00	38.84 0.15 0.00	41.66 -0.04 0.00	37.80 -0.15 0.00	36.06 -0.33 0.00	33.78 -0.38 0.00	30.91 -0.53 0.00	29.04 -0.53 0.00	28.38 -0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	32.58 0.45 0.00	31.18 0.49 0.00	31.38 0.55 0.00	30.64 0.51 0.00	30.61 0.54 0.00	31.55 0.65 0.00	31.83 0.44 0.00	31.07 0.46 0.00	32.95 0.49 0.00	36.10 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.56 0.54 0.00	35.85 0.46 0.00	35.58 0.32 0.00	35.04 0.10 0.00	38.76 0.08 0.00	41.58 -0.13 0.00	37.73 -0.23 0.00	36.03 -0.36 0.00	33.74 -0.41 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.18 -0.40 0.00
NEG NORTH___ALICE_FALLS 23915	33.03 0.90 0.00	31.60 0.92 0.00	31.84 1.02 0.00	31.07 0.93 0.00	31.03 0.96 0.00	31.98 1.08 0.00	32.17 0.78 0.00	31.40 0.80 0.00	33.30 0.84 0.00	36.45 0.92 0.00	36.53 1.00 0.00	36.52 0.99 0.00	36.99 0.97 0.00	36.20 0.81 0.00	35.93 0.67 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.04 0.33 0.00	38.15 0.19 0.00	36.35 -0.04 0.00	34.05 -0.10 0.00	31.17 -0.28 0.00	29.24 -0.33 0.00	28.53 -0.06 0.00
NEG NORTH___LWR_SARANAC 23913	33.03 0.90 0.00	31.60 0.92 0.00	31.84 1.02 0.00	31.07 0.93 0.00	31.03 0.96 0.00	31.98 1.08 0.00	32.17 0.78 0.00	31.40 0.80 0.00	33.30 0.84 0.00	36.45 0.92 0.00	36.53 1.00 0.00	36.52 0.99 0.00	36.99 0.97 0.00	36.20 0.81 0.00	35.93 0.67 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.04 0.33 0.00	38.15 0.19 0.00	36.35 -0.04 0.00	34.05 -0.10 0.00	31.17 -0.28 0.00	29.24 -0.33 0.00	28.53 -0.06 0.00
NEG NORTH___PLATTSBURG 23628	33.03 0.90 0.00	31.60 0.92 0.00	31.84 1.02 0.00	31.07 0.94 0.00	31.03 0.96 0.00	31.98 1.08 0.00	32.17 0.79 0.00	31.40 0.79 0.00	33.30 0.84 0.00	36.45 0.92 0.00	36.53 0.99 0.00	36.52 0.99 0.00	36.99 0.97 0.00	36.20 0.81 0.00	35.93 0.67 0.00	35.39 0.45 0.00	39.19 0.50 0.00	42.04 0.33 0.00	38.15 0.19 0.00	36.35 -0.04 0.00	34.05 -0.10 0.00	31.16 -0.28 0.00	29.25 -0.32 0.00	28.50 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	29.62 -2.51 0.00	28.60 -2.09 0.00	28.54 -2.28 0.00	27.96 -2.17 0.00	28.02 -2.04 0.00	28.77 -2.13 0.00	29.19 -2.20 0.00	27.82 -2.79 0.00	29.15 -3.31 0.00	31.97 -3.55 0.00	32.48 -3.06 0.00	32.44 -3.09 0.00	32.27 -3.75 0.00	31.42 -3.96 0.00	31.63 -3.63 0.00	31.34 -3.60 0.00	34.47 -4.22 0.00	36.57 -5.13 0.00	33.55 -4.40 0.00	32.46 -3.93 0.00	30.57 -3.59 0.00	28.30 -3.14 0.00	26.94 -2.63 0.00	25.98 -2.60 0.00
NEG WEST___LANCASTER 23811	30.62 -1.51 0.00	29.52 -1.17 0.00	29.53 -1.29 0.00	28.93 -1.21 0.00	28.98 -1.08 0.00	29.72 -1.17 0.00	30.20 -1.19 0.00	28.80 -1.81 0.00	30.19 -2.27 0.00	33.08 -2.45 0.00	33.58 -1.95 0.00	33.50 -2.03 0.00	33.43 -2.59 0.00	32.55 -2.83 0.00	32.65 -2.61 0.00	32.39 -2.55 0.00	35.67 -3.02 0.00	38.03 -3.67 0.00	34.84 -3.11 0.00	33.70 -2.69 0.00	31.66 -2.49 0.00	29.31 -2.14 0.00	27.74 -1.83 0.00	26.87 -1.71 0.00
NEG_PENN_ALLEGHNY 23528	31.84 -0.29 0.00	30.41 -0.28 0.00	30.54 -0.28 0.00	29.89 -0.24 0.00	29.82 -0.24 0.00	30.65 -0.25 0.00	31.17 -0.22 0.00	30.27 -0.34 0.00	32.04 -0.42 0.00	35.10 -0.42 0.00	35.29 -0.25 0.00	35.14 -0.39 0.00	35.62 -0.40 0.00	34.96 -0.42 0.00	34.80 -0.46 0.00	34.55 -0.38 0.00	38.22 -0.46 0.00	41.16 -0.54 0.00	37.50 -0.45 0.00	36.03 -0.36 0.00	33.81 -0.34 0.00	31.16 -0.28 0.00	29.18 -0.39 0.00	28.27 -0.31 0.00
NEG___GEN_MONROE 24207	30.46 -1.67 0.00	29.27 -1.41 0.00	29.25 -1.57 0.00	28.66 -1.48 0.00	28.68 -1.38 0.00	29.45 -1.45 0.00	29.91 -1.48 0.00	28.80 -1.81 0.00	30.32 -2.14 0.00	33.36 -2.17 0.00	33.76 -1.78 0.00	33.75 -1.78 0.00	33.79 -2.23 0.00	32.98 -2.41 0.00	33.08 -2.19 0.00	32.74 -2.20 0.00	36.17 -2.51 0.00	38.66 -3.04 0.00	35.34 -2.62 0.00	34.10 -2.29 0.00	32.03 -2.12 0.00	29.56 -1.89 0.00	27.94 -1.63 0.00	26.95 -1.63 0.00

NEPA___ENERGY 23901	30.27 -1.86 0.00	29.27 -1.41 0.00	29.28 -1.54 0.00	28.72 -1.42 0.00	28.77 -1.29 0.00	29.51 -1.39 0.00	29.91 -1.48 0.00	28.47 -2.14 0.00	29.73 -2.73 0.00	32.51 -3.02 0.00	32.98 -2.56 0.00	32.93 -2.59 0.00	32.74 -3.28 0.00	31.81 -3.57 0.00	31.98 -3.28 0.00	31.69 -3.25 0.00	34.90 -3.79 0.00	37.16 -4.55 0.00	34.12 -3.83 0.00	33.01 -3.38 0.00	31.04 -3.11 0.00	28.74 -2.70 0.00	27.26 -2.31 0.00	26.30 -2.29 0.00
NEVERSink___HYD 23608	33.86 1.73 0.00	32.22 1.53 0.00	32.27 1.45 0.00	31.52 1.39 0.00	31.45 1.38 0.00	32.29 1.39 0.00	32.90 1.51 0.00	32.20 1.59 0.00	34.24 1.78 0.00	37.37 1.85 0.00	37.31 1.78 0.00	37.30 1.78 0.00	37.85 1.84 0.00	37.26 1.87 0.00	37.34 2.08 0.00	37.10 2.17 0.00	41.24 2.55 0.00	44.71 3.00 0.00	40.61 2.66 0.00	38.90 2.51 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.28 1.71 0.00	30.04 1.46 0.00
NEWKRMKL_115KV_TB1 55635	33.19 1.06 0.00	31.64 0.95 0.00	31.78 0.96 0.00	31.04 0.90 0.00	30.94 0.87 0.00	31.79 0.90 0.00	32.36 0.97 0.00	31.62 1.01 0.00	33.60 1.14 0.00	36.77 1.24 0.00	36.46 0.92 0.00	36.45 0.92 0.00	37.03 1.01 0.00	36.45 1.06 0.00	36.32 1.06 0.00	36.09 1.15 0.00	39.92 1.24 0.00	43.12 1.42 0.00	39.21 1.25 0.00	37.63 1.24 0.00	35.35 1.20 0.00	32.64 1.20 0.00	30.66 1.09 0.00	29.67 1.09 0.00
NEWTON___FALLS_HYD 23847	31.87 -0.26 0.00	30.44 -0.25 0.00	30.64 -0.18 0.00	29.98 -0.15 0.00	29.88 -0.18 0.00	30.68 -0.22 0.00	31.11 -0.28 0.00	30.36 -0.24 0.00	32.23 -0.23 0.00	35.28 -0.25 0.00	35.18 -0.36 0.00	35.21 -0.32 0.00	35.51 -0.50 0.00	34.85 -0.53 0.00	34.70 -0.56 0.00	34.27 -0.66 0.00	37.99 -0.70 0.00	40.95 -0.75 0.00	37.20 -0.76 0.00	35.66 -0.73 0.00	33.37 -0.79 0.00	30.60 -0.85 0.00	28.86 -0.71 0.00	27.98 -0.60 0.00
NGRID_A1_DSASP 323792	29.24 -2.89 0.00	28.01 -2.67 0.00	28.17 -2.65 0.00	27.57 -2.56 0.00	27.54 -2.53 0.00	28.37 -2.53 0.00	28.66 -2.73 0.00	27.30 -3.31 0.00	28.66 -3.80 0.00	31.44 -4.08 0.00	31.98 -3.55 0.00	31.19 -4.34 0.00	31.77 -4.25 0.00	31.17 -4.21 0.00	30.68 -4.58 0.00	30.81 -4.12 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.91 -5.05 0.00	31.91 -4.48 0.00	30.09 -4.06 0.00	27.89 -3.55 0.00	25.99 -3.58 0.00	25.72 -2.86 0.00
NGRID_A2_DSASP 323793	29.24 -2.89 0.00	28.01 -2.67 0.00	28.17 -2.65 0.00	27.57 -2.56 0.00	27.54 -2.53 0.00	28.37 -2.53 0.00	28.66 -2.73 0.00	27.30 -3.31 0.00	28.66 -3.80 0.00	31.44 -4.08 0.00	31.98 -3.55 0.00	31.19 -4.34 0.00	31.77 -4.25 0.00	31.17 -4.21 0.00	30.68 -4.58 0.00	30.81 -4.12 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.91 -5.05 0.00	31.91 -4.48 0.00	30.09 -4.06 0.00	27.89 -3.55 0.00	25.99 -3.58 0.00	25.72 -2.86 0.00
NGRID_A4_DSASP 323807	29.24 -2.89 0.00	28.01 -2.67 0.00	28.17 -2.65 0.00	27.57 -2.56 0.00	27.54 -2.53 0.00	28.37 -2.53 0.00	28.66 -2.73 0.00	27.30 -3.31 0.00	28.66 -3.80 0.00	31.44 -4.08 0.00	31.98 -3.55 0.00	31.19 -4.34 0.00	31.77 -4.25 0.00	31.17 -4.21 0.00	30.68 -4.58 0.00	30.81 -4.12 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.91 -5.05 0.00	31.91 -4.48 0.00	30.09 -4.06 0.00	27.89 -3.55 0.00	25.99 -3.58 0.00	25.72 -2.86 0.00
NIAGARA_115E_LBMP 323715	29.05 -3.08 0.00	27.86 -2.82 0.00	28.02 -2.80 0.00	27.39 -2.74 0.00	27.39 -2.68 0.00	28.21 -2.69 0.00	28.56 -2.83 0.00	27.21 -3.40 0.00	28.60 -3.86 0.00	31.37 -4.16 0.00	31.88 -3.66 0.00	31.12 -4.41 0.00	31.66 -4.36 0.00	31.10 -4.28 0.00	30.57 -4.69 0.00	30.71 -4.23 0.00	33.81 -4.88 0.00	35.83 -5.88 0.00	32.83 -5.12 0.00	31.84 -4.55 0.00	29.98 -4.17 0.00	27.80 -3.65 0.00	25.93 -3.64 0.00	25.64 -2.94 0.00
NIAGARA_115W_LBMP 323714	29.18 -2.96 0.00	27.98 -2.70 0.00	28.11 -2.71 0.00	27.51 -2.62 0.00	27.51 -2.56 0.00	28.30 -2.60 0.00	28.60 -2.79 0.00	27.24 -3.37 0.00	28.63 -3.83 0.00	31.41 -4.12 0.00	31.91 -3.63 0.00	31.12 -4.41 0.00	31.70 -4.32 0.00	31.14 -4.25 0.00	30.61 -4.66 0.00	30.74 -4.19 0.00	33.85 -4.84 0.00	35.83 -5.88 0.00	32.87 -5.09 0.00	31.84 -4.55 0.00	30.02 -4.13 0.00	27.83 -3.62 0.00	25.96 -3.61 0.00	25.67 -2.92 0.00
NIAGARA_230_LBMP 323716	29.40 -2.73 0.00	28.17 -2.52 0.00	28.33 -2.50 0.00	27.69 -2.44 0.00	27.69 -2.38 0.00	28.52 -2.38 0.00	28.88 -2.51 0.00	27.55 -3.06 0.00	28.95 -3.51 0.00	31.76 -3.77 0.00	32.27 -3.27 0.00	31.51 -4.01 0.00	32.06 -3.96 0.00	31.49 -3.89 0.00	30.99 -4.27 0.00	31.09 -3.84 0.00	34.24 -4.45 0.00	36.28 -5.42 0.00	33.25 -4.71 0.00	32.21 -4.18 0.00	30.36 -3.79 0.00	28.15 -3.30 0.00	26.26 -3.31 0.00	25.93 -2.66 0.00
NIAGARA___115KV_198_GIBSON 55903	29.21 -2.92 0.00	28.23 -2.45 0.00	28.14 -2.68 0.00	27.57 -2.56 0.00	27.63 -2.44 0.00	28.37 -2.53 0.00	28.69 -2.70 0.00	27.33 -3.28 0.00	28.63 -3.83 0.00	31.41 -4.12 0.00	31.91 -3.62 0.00	31.90 -3.62 0.00	31.70 -4.32 0.00	30.86 -4.53 0.00	31.07 -4.20 0.00	30.82 -4.12 0.00	33.85 -4.84 0.00	35.82 -5.88 0.00	32.91 -5.05 0.00	31.84 -4.55 0.00	29.98 -4.17 0.00	27.80 -3.65 0.00	26.49 -3.08 0.00	25.55 -3.03 0.00
NIAGARA___ 23760	29.40 -2.73 0.00	28.17 -2.52 0.00	28.33 -2.50 0.00	27.69 -2.44 0.00	27.69 -2.38 0.00	28.52 -2.38 0.00	28.88 -2.51 0.00	27.55 -3.06 0.00	28.95 -3.51 0.00	31.76 -3.77 0.00	32.27 -3.27 0.00	31.51 -4.01 0.00	32.06 -3.96 0.00	31.49 -3.89 0.00	30.99 -4.27 0.00	31.09 -3.84 0.00	34.24 -4.45 0.00	36.28 -5.42 0.00	33.25 -4.71 0.00	32.21 -4.18 0.00	30.36 -3.79 0.00	28.15 -3.30 0.00	26.26 -3.31 0.00	25.93 -2.66 0.00
NINE_MILE_1 23575	30.78 -1.35 0.00	29.43 -1.26 0.00	29.53 -1.29 0.00	28.89 -1.24 0.00	28.83 -1.23 0.00	29.63 -1.27 0.00	30.10 -1.29 0.00	29.32 -1.28 0.00	31.07 -1.39 0.00	34.00 -1.53 0.00	34.08 -1.46 0.00	34.04 -1.49 0.00	34.51 -1.51 0.00	33.90 -1.48 0.00	33.75 -1.52 0.00	33.47 -1.47 0.00	37.06 -1.62 0.00	39.87 -1.83 0.00	36.32 -1.63 0.00	34.86 -1.53 0.00	32.72 -1.43 0.00	30.19 -1.26 0.00	28.51 -1.06 0.00	27.58 -1.00 0.00
NINE_MILE_2 23744	30.78 -1.35 0.00	29.43 -1.26 0.00	29.56 -1.27 0.00	28.89 -1.24 0.00	28.83 -1.23 0.00	29.63 -1.27 0.00	30.10 -1.29 0.00	29.32 -1.28 0.00	31.07 -1.39 0.00	34.00 -1.53 0.00	34.08 -1.46 0.00	34.04 -1.49 0.00	34.51 -1.51 0.00	33.90 -1.48 0.00	33.75 -1.52 0.00	33.47 -1.47 0.00	37.06 -1.62 0.00	39.87 -1.83 0.00	36.32 -1.63 0.00	34.86 -1.53 0.00	32.72 -1.43 0.00	30.19 -1.26 0.00	28.51 -1.06 0.00	27.61 -0.97 0.00
NM_CAPITAL___DRP 24208	33.22 1.09 0.00	31.67 0.98 0.00	31.78 0.96 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.83 0.93 0.00	32.39 1.00 0.00	31.62 1.01 0.00	33.63 1.17 0.00	36.81 1.28 0.00	36.50 0.96 0.00	36.49 0.96 0.00	37.06 1.04 0.00	36.48 1.10 0.00	36.39 1.13 0.00	36.13 1.19 0.00	39.96 1.28 0.00	43.21 1.50 0.00	39.28 1.33 0.00	37.66 1.27 0.00	35.41 1.26 0.00	32.71 1.26 0.00	30.69 1.12 0.00	29.70 1.11 0.00

NM_CENTRAL___DRP 24181	31.30 -0.84 0.00	29.92 -0.77 0.00	30.02 -0.80 0.00	29.38 -0.75 0.00	29.31 -0.75 0.00	30.13 -0.77 0.00	30.64 -0.75 0.00	29.81 -0.80 0.00	31.55 -0.91 0.00	34.57 -0.96 0.00	34.72 -0.82 0.00	34.71 -0.82 0.00	35.15 -0.86 0.00	34.47 -0.92 0.00	34.38 -0.88 0.00	34.10 -0.84 0.00	37.72 -0.97 0.00	40.62 -1.08 0.00	37.01 -0.95 0.00	35.52 -0.87 0.00	33.33 -0.82 0.00	30.73 -0.72 0.00	28.89 -0.68 0.00	27.90 -0.69 0.00
NM_FRONTIER___DRP 24179	29.21 -2.92 0.00	28.23 -2.45 0.00	28.14 -2.68 0.00	27.57 -2.56 0.00	27.63 -2.44 0.00	28.37 -2.53 0.00	28.69 -2.70 0.00	27.33 -3.28 0.00	28.63 -3.83 0.00	31.41 -4.12 0.00	31.91 -3.62 0.00	31.90 -3.62 0.00	31.70 -4.32 0.00	30.86 -4.53 0.00	31.07 -4.20 0.00	30.82 -4.12 0.00	33.85 -4.84 0.00	35.82 -5.88 0.00	32.91 -5.05 0.00	31.84 -4.55 0.00	29.98 -4.17 0.00	27.80 -3.65 0.00	26.49 -3.08 0.00	25.55 -3.03 0.00
NM_ST_REGIS___HYD 24053	32.45 0.32 0.00	31.02 0.34 0.00	31.25 0.43 0.00	30.52 0.39 0.00	30.49 0.42 0.00	31.27 0.37 0.00	31.64 0.25 0.00	30.85 0.24 0.00	32.75 0.29 0.00	35.85 0.32 0.00	35.89 0.36 0.00	35.88 0.36 0.00	36.20 0.18 0.00	35.53 0.14 0.00	35.30 0.04 0.00	34.76 -0.17 0.00	38.53 -0.15 0.00	41.41 -0.29 0.00	37.61 -0.34 0.00	35.95 -0.44 0.00	33.67 -0.48 0.00	30.88 -0.57 0.00	29.16 -0.41 0.00	28.35 -0.23 0.00
NORTHPORT___1 23551	34.28 2.15 0.00	32.62 1.93 0.00	32.33 1.51 0.00	31.55 1.42 0.00	31.42 1.35 0.00	32.29 1.39 0.00	33.05 1.66 0.00	32.87 2.26 0.00	35.06 2.60 0.00	38.30 2.77 0.00	38.49 2.95 0.00	38.52 2.98 -0.01	39.89 3.06 -0.81	41.08 3.04 -2.65	39.96 3.21 -1.49	44.36 3.28 -6.14	47.72 3.71 -5.31	48.97 4.21 -3.05	47.20 3.76 -5.49	45.29 3.57 -5.33	39.94 3.38 -2.41	35.19 3.11 -0.62	32.05 2.48 0.00	30.53 1.94 0.00
NORTHPORT___2 23552	34.28 2.15 0.00	32.62 1.93 0.00	32.33 1.51 0.00	31.55 1.42 0.00	31.42 1.35 0.00	32.29 1.39 0.00	33.05 1.66 0.00	32.87 2.26 0.00	35.06 2.60 0.00	38.30 2.77 0.00	38.49 2.95 0.00	38.52 2.98 -0.01	39.89 3.06 -0.81	41.08 3.04 -2.65	39.96 3.21 -1.49	44.36 3.28 -6.14	47.72 3.71 -5.31	48.97 4.21 -3.05	47.20 3.76 -5.49	45.29 3.57 -5.33	39.94 3.38 -2.41	35.19 3.11 -0.62	32.05 2.48 0.00	30.53 1.94 0.00
NORTHPORT___3 23553	33.74 1.61 0.00	32.07 1.38 0.00	31.87 1.05 0.00	31.07 0.94 0.00	30.97 0.90 0.00	31.82 0.93 0.00	32.52 1.13 0.00	32.26 1.65 0.00	34.41 1.95 0.00	37.69 2.17 0.00	37.85 2.31 0.00	37.88 2.34 -0.01	39.29 2.45 -0.82	40.50 2.44 -2.68	39.38 2.61 -1.51	43.82 2.69 -6.19	46.91 2.86 -5.36	47.91 3.13 -3.08	46.45 2.96 -5.53	44.71 2.95 -5.37	39.38 2.80 -2.43	34.66 2.58 -0.63	31.58 2.01 0.00	30.07 1.49 0.00
NORTHPORT___4 23650	33.74 1.61 0.00	32.07 1.38 0.00	31.87 1.05 0.00	31.07 0.94 0.00	30.97 0.90 0.00	31.82 0.93 0.00	32.52 1.13 0.00	32.26 1.65 0.00	34.41 1.95 0.00	37.69 2.17 0.00	37.85 2.31 0.00	37.88 2.34 -0.01	39.29 2.45 -0.82	40.50 2.44 -2.68	39.38 2.61 -1.51	43.82 2.69 -6.19	46.91 2.86 -5.36	47.91 3.13 -3.08	46.45 2.96 -5.53	44.71 2.95 -5.37	39.38 2.80 -2.43	34.66 2.58 -0.63	31.58 2.01 0.00	30.07 1.49 0.00
NORTHPORT___IC 23718	34.25 2.12 0.00	32.56 1.87 0.00	32.30 1.48 0.00	31.49 1.36 0.00	31.36 1.29 0.00	32.29 1.39 0.00	33.02 1.63 0.00	32.81 2.20 0.00	35.06 2.60 0.00	38.30 2.77 0.00	38.49 2.95 0.00	38.48 2.95 -0.01	39.89 3.06 -0.81	41.12 3.08 -2.65	39.96 3.21 -1.49	44.36 3.28 -6.14	47.72 3.71 -5.31	48.97 4.21 -3.05	47.16 3.72 -5.49	45.29 3.57 -5.33	39.97 3.42 -2.41	35.22 3.14 -0.62	32.35 2.78 0.00	30.90 2.32 0.00
NORTH___COUNTRY_ESR 323785	32.45 0.32 0.00	31.05 0.37 0.00	31.28 0.46 0.00	30.52 0.39 0.00	30.52 0.45 0.00	31.42 0.52 0.00	31.74 0.35 0.00	30.98 0.37 0.00	32.85 0.39 0.00	35.96 0.43 0.00	36.00 0.46 0.00	36.02 0.50 0.00	36.45 0.43 0.00	35.74 0.35 0.00	35.47 0.21 0.00	34.94 0.00 0.00	38.61 -0.08 0.00	41.41 -0.29 0.00	37.61 -0.34 0.00	35.88 -0.51 0.00	33.60 -0.55 0.00	30.79 -0.66 0.00	28.95 -0.62 0.00	28.07 -0.51 0.00
NPX_GEN_1385_PROXY 323591	34.57 2.44 0.00	33.11 2.42 0.00	32.58 1.76 0.00	31.76 1.63 0.00	31.63 1.56 0.00	32.50 1.61 0.00	33.53 2.14 0.00	33.58 2.97 0.00	35.84 3.38 0.00	38.65 3.13 0.00	39.09 3.55 0.00	39.02 3.48 -0.01	40.36 3.53 -0.81	41.26 3.22 -2.65	40.21 3.46 -1.49	44.64 3.57 -6.14	48.10 4.10 -5.31	49.51 4.75 -3.05	47.46 4.02 -5.49	45.47 3.75 -5.33	40.14 3.58 -2.41	35.50 3.43 -0.62	32.29 2.72 0.00	30.73 2.14 0.00
NPX_GEN_CSC 323557	34.60 2.47 0.00	32.86 2.18 0.00	32.58 1.76 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.54 1.64 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.35 2.89 0.00	38.69 3.16 0.00	38.81 3.27 0.00	38.87 3.34 -0.01	40.26 3.42 -0.82	41.55 3.47 -2.69	40.44 3.67 -1.51	44.96 3.81 -6.21	48.40 4.33 -5.38	49.67 4.88 -3.09	47.83 4.33 -5.55	45.86 4.07 -5.39	40.42 3.82 -2.44	35.60 3.52 -0.63	32.35 2.78 0.00	30.78 2.20 0.00
NSINS_S___GLNS_FALLS 23858	33.13 1.00 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.92 0.78 0.00	30.82 0.75 0.00	31.70 0.80 0.00	32.33 0.94 0.00	31.56 0.95 0.00	33.63 1.17 0.00	36.88 1.35 0.00	36.85 1.31 0.00	36.88 1.35 0.00	37.42 1.40 0.00	36.80 1.42 0.00	36.67 1.41 0.00	36.44 1.50 0.00	40.43 1.74 0.00	43.75 2.04 0.00	39.74 1.78 0.00	38.03 1.64 0.00	35.69 1.54 0.00	32.74 1.29 0.00	31.31 1.74 0.00	30.18 1.60 0.00
NUCOR_STEEL___DRP 24197	31.62 -0.51 0.00	30.22 -0.46 0.00	30.33 -0.49 0.00	29.68 -0.45 0.00	29.61 -0.45 0.00	30.44 -0.46 0.00	30.95 -0.44 0.00	30.09 -0.52 0.00	31.88 -0.58 0.00	34.92 -0.60 0.00	35.11 -0.43 0.00	35.10 -0.43 0.00	35.51 -0.50 0.00	34.82 -0.57 0.00	34.73 -0.53 0.00	34.41 -0.52 0.00	38.11 -0.58 0.00	41.04 -0.67 0.00	37.39 -0.57 0.00	35.88 -0.51 0.00	33.64 -0.51 0.00	31.01 -0.44 0.00	29.13 -0.44 0.00	28.15 -0.43 0.00
NUMBER_THREE_WT_PWR 323818	32.07 -0.06 0.00	30.62 -0.06 0.00	30.79 -0.03 0.00	30.16 0.03 0.00	30.07 0.00 0.00	30.93 0.03 0.00	31.45 0.06 0.00	30.67 0.06 0.00	32.56 0.10 0.00	35.63 0.11 0.00	35.36 -0.18 0.00	35.35 -0.18 0.00	35.77 -0.25 0.00	35.07 -0.32 0.00	34.94 -0.32 0.00	34.59 -0.35 0.00	38.38 -0.31 0.00	41.41 -0.29 0.00	37.65 -0.30 0.00	36.10 -0.29 0.00	33.74 -0.41 0.00	31.01 -0.44 0.00	29.16 -0.41 0.00	28.18 -0.40 0.00
NYISO_LBMP_REFERENCE 24008	32.13 0.00 0.00	30.68 0.00 0.00	30.82 0.00 0.00	30.13 0.00 0.00	30.07 0.00 0.00	30.90 0.00 0.00	31.39 0.00 0.00	30.61 0.00 0.00	32.46 0.00 0.00	35.53 0.00 0.00	35.54 0.00 0.00	35.53 0.00 0.00	36.02 0.00 0.00	35.39 0.00 0.00	35.26 0.00 0.00	34.94 0.00 0.00	38.69 0.00 0.00	41.70 0.00 0.00	37.96 0.00 0.00	36.39 0.00 0.00	34.15 0.00 0.00	31.45 0.00 0.00	29.57 0.00 0.00	28.58 0.00 0.00

NYPA_BRENTWD____GT 24164	34.51 2.38 0.00	32.80 2.12 0.00	32.55 1.72 0.00	31.73 1.60 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.55 3.02 0.00	38.74 3.20 0.00	38.80 3.27 -0.01	40.20 3.35 -0.83	41.45 3.33 -2.74	40.33 3.53 -1.54	44.87 3.63 -6.30	48.24 4.10 -5.45	49.47 4.63 -3.13	47.73 4.14 -5.63	45.79 3.93 -5.47	40.36 3.72 -2.48	35.49 3.40 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
NYPA_GOWANUS____GT5 24156	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NYPA_GOWANUS____GT6 24157	45.54 1.90 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.94 1.51 -13.30	44.94 1.47 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.53 1.77 -13.15	46.70 1.88 -12.36	47.62 2.06 -10.04	46.74 2.02 -9.18	47.55 2.13 -9.89	48.10 2.20 -9.88	48.09 2.27 -10.44	47.59 2.40 -9.93	47.55 2.44 -10.17	47.67 2.82 -6.16	48.54 3.21 -3.62	48.14 2.96 -7.23	48.17 2.76 -9.02	47.65 2.63 -10.87	48.11 2.39 -14.28	47.37 1.92 -15.88	45.50 1.63 -15.29
NYPA_HARLEM__RVR__GT1 24160	33.70 1.57 0.00	32.25 1.56 0.00	32.21 1.39 0.00	31.43 1.29 0.00	31.33 1.26 0.00	31.98 1.08 0.00	32.51 1.13 0.01	32.07 1.47 0.01	33.98 1.53 0.01	37.19 1.67 0.01	37.13 1.60 0.01	37.26 1.74 0.01	37.78 1.76 0.01	37.22 1.84 0.01	37.23 1.97 0.01	36.99 2.06 0.01	41.04 2.36 0.01	44.37 2.67 0.01	40.45 2.50 0.01	38.71 2.33 0.01	36.36 2.22 0.01	33.45 2.01 0.01	31.13 1.57 0.01	29.84 1.26 0.00
NYPA_HARLEM__RVR__GT2 24161	33.70 1.57 0.00	32.25 1.56 0.00	32.21 1.39 0.00	31.43 1.29 0.00	31.33 1.26 0.00	31.98 1.08 0.00	32.51 1.13 0.01	32.07 1.47 0.01	33.98 1.53 0.01	37.19 1.67 0.01	37.13 1.60 0.01	37.26 1.74 0.01	37.78 1.76 0.01	37.22 1.84 0.01	37.23 1.97 0.01	36.99 2.06 0.01	41.04 2.36 0.01	44.37 2.67 0.01	40.45 2.50 0.01	38.71 2.33 0.01	36.36 2.22 0.01	33.45 2.01 0.01	31.13 1.57 0.01	29.84 1.26 0.00
NYPA_KENT____GT 24152	40.52 1.80 -6.59	39.56 1.63 -7.25	39.50 1.48 -7.20	39.16 1.42 -7.62	39.12 1.38 -7.67	39.45 1.33 -7.22	39.72 1.41 -6.91	39.82 1.68 -7.53	41.32 1.78 -7.07	43.26 1.99 -5.75	42.71 1.92 -5.26	43.25 2.06 -5.66	43.76 2.09 -5.66	43.52 2.16 -5.98	43.23 2.29 -5.68	43.10 2.34 -5.82	44.92 2.71 -3.53	46.86 3.09 -2.07	44.94 2.85 -4.14	44.21 2.66 -5.16	42.90 2.53 -6.22	41.89 2.27 -8.17	40.49 1.83 -9.09	38.88 1.54 -8.75
NYPA_POUCH1____GT 24155	45.50 1.86 -11.51	45.06 1.72 -12.66	44.97 1.57 -12.58	44.97 1.54 -13.30	44.97 1.50 -13.40	44.94 1.42 -12.62	44.97 1.51 -12.07	45.50 1.74 -13.15	46.67 1.85 -12.36	47.59 2.02 -10.04	46.71 1.99 -9.18	47.52 2.10 -9.89	48.06 2.16 -9.88	48.02 2.19 -10.44	47.51 2.33 -9.93	47.51 2.41 -10.17	47.60 2.75 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.10 2.69 -9.02	47.58 2.56 -10.87	48.08 2.36 -14.28	47.34 1.89 -15.88	45.50 1.63 -15.29
NYPA_VERNON____GT2 24162	35.47 1.67 -1.67	34.05 1.53 -1.84	34.03 1.39 -1.82	33.39 1.32 -1.93	33.30 1.29 -1.94	33.97 1.24 -1.83	34.46 1.32 -1.75	34.11 1.59 -1.91	35.97 1.72 -1.79	38.86 1.88 -1.46	38.68 1.81 -1.33	38.91 1.95 -1.43	39.47 2.02 -1.43	38.95 2.05 -1.51	38.89 2.19 -1.44	38.65 2.24 -1.47	42.17 2.59 -0.89	45.19 2.96 -0.53	41.70 2.70 -1.05	40.24 2.55 -1.31	38.15 2.43 -1.58	35.69 2.17 -2.07	33.62 1.74 -2.30	32.23 1.43 -2.22
NYPA_VERNON____GT3 24163	35.47 1.67 -1.67	34.05 1.53 -1.84	34.03 1.39 -1.82	33.39 1.32 -1.93	33.30 1.29 -1.94	33.97 1.24 -1.83	34.46 1.32 -1.75	34.11 1.59 -1.91	35.97 1.72 -1.79	38.86 1.88 -1.46	38.68 1.81 -1.33	38.91 1.95 -1.43	39.47 2.02 -1.43	38.95 2.05 -1.51	38.89 2.19 -1.44	38.65 2.24 -1.47	42.17 2.59 -0.89	45.19 2.96 -0.53	41.70 2.70 -1.05	40.24 2.55 -1.31	38.15 2.43 -1.58	35.69 2.17 -2.07	33.62 1.74 -2.30	32.23 1.43 -2.22
NYPA__ASTORIA_CC1 323568	33.77 1.64 0.00	32.22 1.53 0.00	32.18 1.35 0.00	31.43 1.29 0.00	31.33 1.26 0.00	32.10 1.20 0.00	32.68 1.29 0.00	32.17 1.56 0.00	34.11 1.65 0.00	37.34 1.81 0.00	37.31 1.78 0.00	37.41 1.88 0.00	37.96 1.94 0.00	37.37 1.98 0.00	37.38 2.12 0.00	37.14 2.20 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.48 0.00	36.51 2.35 0.00	33.59 2.14 0.00	31.25 1.68 0.00	29.98 1.40 0.00
NYPA__ASTORIA_CC2 323569	33.77 1.64 0.00	32.22 1.53 0.00	32.18 1.35 0.00	31.43 1.29 0.00	31.33 1.26 0.00	32.10 1.20 0.00	32.68 1.29 0.00	32.17 1.56 0.00	34.11 1.65 0.00	37.34 1.81 0.00	37.31 1.78 0.00	37.41 1.88 0.00	37.96 1.94 0.00	37.37 1.98 0.00	37.38 2.12 0.00	37.14 2.20 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.48 0.00	36.51 2.35 0.00	33.59 2.14 0.00	31.25 1.68 0.00	29.98 1.40 0.00
NYPA__HOLTSVILL 23794	34.35 2.22 0.00	32.65 1.97 0.00	32.39 1.57 0.00	31.58 1.45 0.00	31.45 1.38 0.00	32.32 1.42 0.00	33.08 1.69 0.00	32.87 2.26 0.00	35.09 2.63 0.00	38.37 2.84 0.00	38.52 2.99 0.00	38.59 3.06 -0.01	39.97 3.13 -0.82	41.22 3.15 -2.69	40.12 3.35 -1.51	44.60 3.46 -6.21	47.96 3.91 -5.37	49.17 4.38 -3.08	47.41 3.91 -5.55	45.49 3.71 -5.39	40.11 3.52 -2.44	35.32 3.24 -0.63	32.14 2.57 0.00	30.58 2.00 0.00
NYPA__HELLGATE_GT1 24158	33.70 1.57 0.00	32.25 1.56 0.00	32.21 1.39 0.00	31.43 1.29 0.00	31.33 1.26 0.00	31.98 1.08 0.00	32.51 1.13 0.01	32.07 1.47 0.01	33.98 1.53 0.01	37.19 1.67 0.01	37.13 1.60 0.01	37.26 1.74 0.01	37.78 1.76 0.01	37.22 1.84 0.01	37.23 1.97 0.01	36.99 2.06 0.01	41.04 2.36 0.01	44.37 2.67 0.01	40.45 2.50 0.01	38.71 2.33 0.01	36.36 2.22 0.01	33.45 2.01 0.01	31.13 1.57 0.01	29.84 1.26 0.00
NYPA__HELLGATE_GT2 24159	33.70 1.57 0.00	32.25 1.56 0.00	32.21 1.39 0.00	31.43 1.29 0.00	31.33 1.26 0.00	31.98 1.08 0.00	32.51 1.13 0.01	32.07 1.47 0.01	33.98 1.53 0.01	37.19 1.67 0.01	37.13 1.60 0.01	37.26 1.74 0.01	37.78 1.76 0.01	37.22 1.84 0.01	37.23 1.97 0.01	36.99 2.06 0.01	41.04 2.36 0.01	44.37 2.67 0.01	40.45 2.50 0.01	38.71 2.33 0.01	36.36 2.22 0.01	33.45 2.01 0.01	31.13 1.57 0.01	29.84 1.26 0.00
NYS_BARGE__HYD 23848	29.59 -2.54 0.00	28.35 -2.33 0.00	28.51 -2.31 0.00	27.90 -2.23 0.00	27.90 -2.17 0.00	28.74 -2.16 0.00	29.10 -2.29 0.00	27.73 -2.88 0.00	29.15 -3.31 0.00	31.97 -3.55 0.00	32.52 -3.02 0.00	31.73 -3.80 0.00	32.31 -3.71 0.00	31.70 -3.68 0.00	31.21 -4.05 0.00	31.30 -3.63 0.00	34.51 -4.18 0.00	36.62 -5.09 0.00	33.55 -4.40 0.00	32.50 -3.89 0.00	30.60 -3.55 0.00	28.37 -3.08 0.00	26.41 -3.16 0.00	26.10 -2.49 0.00

OAK ORCHARD___HYD 24046	30.53 -1.61 0.00	29.18 -1.50 0.00	29.31 -1.51 0.00	28.69 -1.45 0.00	28.62 -1.44 0.00	29.45 -1.45 0.00	29.91 -1.47 0.00	28.87 -1.74 0.00	30.45 -2.01 0.00	33.50 -2.02 0.00	33.87 -1.67 0.00	33.43 -2.10 0.00	33.97 -2.05 0.00	33.37 -2.02 0.00	33.00 -2.26 0.00	32.95 -1.99 0.00	36.40 -2.28 0.00	38.87 -2.84 0.00	35.53 -2.43 0.00	34.24 -2.15 0.00	32.17 -1.98 0.00	29.69 -1.76 0.00	27.80 -1.77 0.00	27.13 -1.46 0.00
OAKDALE___35_KV_LOAD 356122	31.78 -0.35 0.00	30.41 -0.28 0.00	30.51 -0.31 0.00	29.86 -0.27 0.00	29.79 -0.27 0.00	30.62 -0.28 0.00	31.14 -0.25 0.00	30.24 -0.37 0.00	32.01 -0.45 0.00	35.03 -0.50 0.00	35.22 -0.32 0.00	35.17 -0.36 0.00	35.59 -0.43 0.00	34.89 -0.50 0.00	34.77 -0.49 0.00	34.48 -0.45 0.00	38.15 -0.54 0.00	41.08 -0.63 0.00	37.42 -0.53 0.00	35.95 -0.44 0.00	33.74 -0.41 0.00	31.13 -0.31 0.00	29.24 -0.33 0.00	28.24 -0.34 0.00
OCC_CHEM___DRP 24175	29.24 -2.89 0.00	28.26 -2.42 0.00	28.20 -2.62 0.00	27.60 -2.53 0.00	27.69 -2.38 0.00	28.40 -2.50 0.00	28.75 -2.64 0.00	27.39 -3.21 0.00	28.66 -3.80 0.00	31.44 -4.09 0.00	31.98 -3.55 0.00	31.94 -3.59 0.00	31.77 -4.25 0.00	30.93 -4.46 0.00	31.14 -4.13 0.00	30.85 -4.09 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.98 -4.97 0.00	31.91 -4.48 0.00	30.05 -4.10 0.00	27.86 -3.59 0.00	26.55 -3.02 0.00	25.61 -2.97 0.00
OH_GEN_PROXY 24063	29.43 -2.70 0.00	28.20 -2.48 0.00	28.35 -2.47 0.00	27.72 -2.41 0.00	27.72 -2.35 0.00	28.55 -2.35 0.00	28.91 -2.48 0.00	27.64 -2.97 0.00	29.02 -3.44 0.00	31.87 -3.66 0.00	32.34 -3.20 0.00	31.62 -3.91 0.00	32.20 -3.82 0.00	31.60 -3.79 0.00	31.10 -4.16 0.00	31.20 -3.74 0.00	34.35 -4.33 0.00	36.45 -5.26 0.00	33.40 -4.56 0.00	32.35 -4.04 0.00	30.46 -3.69 0.00	28.24 -3.21 0.00	26.32 -3.25 0.00	25.98 -2.60 0.00
OLIN_CORP_DRP 24177	29.14 -2.99 0.00	28.17 -2.52 0.00	28.08 -2.74 0.00	27.51 -2.62 0.00	27.60 -2.47 0.00	28.30 -2.60 0.00	28.75 -2.64 0.00	27.39 -3.21 0.00	28.66 -3.80 0.00	31.44 -4.09 0.00	31.95 -3.59 0.00	31.94 -3.59 0.00	31.77 -4.25 0.00	30.89 -4.49 0.00	31.10 -4.16 0.00	30.85 -4.09 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.98 -4.97 0.00	31.91 -4.48 0.00	30.05 -4.10 0.00	27.86 -3.59 0.00	26.52 -3.05 0.00	25.58 -3.00 0.00
OLIN_CORP_DSASP 323712	29.24 -2.89 0.00	28.01 -2.67 0.00	28.17 -2.65 0.00	27.57 -2.56 0.00	27.54 -2.53 0.00	28.37 -2.53 0.00	28.66 -2.73 0.00	27.30 -3.31 0.00	28.66 -3.80 0.00	31.44 -4.08 0.00	31.98 -3.55 0.00	31.19 -4.34 0.00	31.77 -4.25 0.00	31.17 -4.21 0.00	30.68 -4.58 0.00	30.81 -4.12 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.91 -5.05 0.00	31.91 -4.48 0.00	30.09 -4.06 0.00	27.89 -3.55 0.00	25.99 -3.58 0.00	25.72 -2.86 0.00
ONEIDA_HERK_LFGE 323681	32.45 0.32 0.00	30.96 0.28 0.00	31.13 0.31 0.00	30.46 0.33 0.00	30.40 0.33 0.00	31.24 0.34 0.00	31.80 0.41 0.00	31.01 0.40 0.00	32.95 0.49 0.00	36.06 0.53 0.00	36.00 0.46 0.00	35.96 0.43 0.00	36.45 0.43 0.00	35.74 0.35 0.00	35.61 0.35 0.00	35.29 0.35 0.00	39.11 0.43 0.00	42.16 0.46 0.00	38.34 0.38 0.00	36.79 0.40 0.00	34.42 0.27 0.00	31.67 0.22 0.00	29.75 0.18 0.00	28.76 0.17 0.00
ONEIDA___115KV_TB4 55905	32.58 0.45 0.00	31.11 0.43 0.00	31.25 0.43 0.00	30.58 0.45 0.00	30.52 0.45 0.00	31.36 0.46 0.00	31.95 0.57 0.00	31.13 0.52 0.00	33.04 0.58 0.00	36.17 0.64 0.00	36.28 0.75 0.00	36.24 0.71 0.00	36.74 0.72 0.00	36.02 0.64 0.00	35.90 0.63 0.00	35.57 0.63 0.00	39.38 0.70 0.00	42.46 0.75 0.00	38.60 0.65 0.00	37.05 0.66 0.00	34.70 0.55 0.00	31.92 0.47 0.00	29.98 0.41 0.00	28.98 0.40 0.00
ONONDAGA_REF_OCCRA 23987	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.79 -0.60 0.00	29.97 -0.64 0.00	31.75 -0.71 0.00	34.78 -0.75 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.68 -0.71 0.00	34.59 -0.67 0.00	34.27 -0.66 0.00	37.95 -0.74 0.00	40.87 -0.83 0.00	37.23 -0.72 0.00	35.74 -0.66 0.00	33.54 -0.61 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.04 -0.54 0.00
ONONDAGA___COGEN 23986	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.76 -0.63 0.00	29.97 -0.64 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.68 -0.71 0.00	34.56 -0.71 0.00	34.27 -0.66 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.23 -0.72 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.04 -0.54 0.00
ONTARIO___LFGE 23819	31.42 -0.71 0.00	30.01 -0.68 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.31 -0.59 0.00	30.83 -0.56 0.00	29.81 -0.80 0.00	31.45 -1.01 0.00	34.46 -1.06 0.00	34.76 -0.78 0.00	34.43 -1.10 0.00	34.90 -1.12 0.00	34.22 -1.17 0.00	33.96 -1.30 0.00	33.79 -1.15 0.00	37.41 -1.28 0.00	40.24 -1.46 0.00	36.70 -1.25 0.00	35.30 -1.09 0.00	33.09 -1.06 0.00	30.54 -0.91 0.00	28.53 -1.04 0.00	27.73 -0.86 0.00
ORANGEVILLE_WT_PWR 323706	30.20 -1.93 0.00	28.97 -1.72 0.00	29.22 -1.60 0.00	28.63 -1.51 0.00	28.62 -1.44 0.00	29.42 -1.48 0.00	29.79 -1.60 0.00	28.47 -2.14 0.00	29.83 -2.63 0.00	32.51 -3.02 0.00	32.87 -2.67 0.00	32.19 -3.34 0.00	32.60 -3.42 0.00	31.88 -3.50 0.00	31.45 -3.81 0.00	31.48 -3.46 0.00	34.74 -3.95 0.00	37.12 -4.59 0.00	34.01 -3.95 0.00	32.86 -3.53 0.00	30.98 -3.18 0.00	28.62 -2.83 0.00	26.70 -2.87 0.00	26.21 -2.37 0.00
ORANGEVILLE___ESR 323794	30.20 -1.93 0.00	28.97 -1.72 0.00	29.22 -1.60 0.00	28.63 -1.51 0.00	28.62 -1.44 0.00	29.42 -1.48 0.00	29.79 -1.60 0.00	28.47 -2.14 0.00	29.83 -2.63 0.00	32.51 -3.02 0.00	32.87 -2.67 0.00	32.19 -3.34 0.00	32.60 -3.42 0.00	31.88 -3.50 0.00	31.45 -3.81 0.00	31.48 -3.46 0.00	34.74 -3.95 0.00	37.12 -4.59 0.00	34.01 -3.95 0.00	32.86 -3.53 0.00	30.98 -3.18 0.00	28.62 -2.83 0.00	26.70 -2.87 0.00	26.21 -2.37 0.00
OSWEGATCHIE___HYD 24044	31.87 -0.26 0.00	30.44 -0.25 0.00	30.64 -0.18 0.00	29.95 -0.18 0.00	29.89 -0.18 0.00	30.68 -0.21 0.00	31.11 -0.28 0.00	30.36 -0.25 0.00	32.23 -0.23 0.00	35.28 -0.25 0.00	35.18 -0.36 0.00	35.21 -0.32 0.00	35.51 -0.50 0.00	34.86 -0.53 0.00	34.70 -0.57 0.00	34.27 -0.66 0.00	37.99 -0.70 0.00	40.96 -0.75 0.00	37.20 -0.76 0.00	35.66 -0.73 0.00	33.37 -0.78 0.00	30.60 -0.85 0.00	28.86 -0.71 0.00	27.98 -0.60 0.00
OSWEGO___5 23606	31.01 -1.13 0.00	29.64 -1.04 0.00	29.77 -1.05 0.00	29.11 -1.02 0.00	29.04 -1.02 0.00	29.85 -1.05 0.00	30.32 -1.07 0.00	29.54 -1.07 0.00	31.29 -1.17 0.00	34.25 -1.28 0.00	34.37 -1.17 0.00	34.28 -1.24 0.00	34.76 -1.26 0.00	34.15 -1.24 0.00	33.99 -1.27 0.00	33.71 -1.22 0.00	37.33 -1.36 0.00	40.20 -1.50 0.00	36.63 -1.33 0.00	35.15 -1.24 0.00	32.99 -1.16 0.00	30.41 -1.04 0.00	28.68 -0.89 0.00	27.75 -0.83 0.00

OSWEGO___6 23613	31.01 -1.13 0.00	29.64 -1.04 0.00	29.77 -1.05 0.00	29.11 -1.02 0.00	29.04 -1.02 0.00	29.85 -1.05 0.00	30.32 -1.07 0.00	29.54 -1.07 0.00	31.29 -1.17 0.00	34.25 -1.28 0.00	34.37 -1.17 0.00	34.28 -1.24 0.00	34.76 -1.26 0.00	34.15 -1.24 0.00	33.99 -1.27 0.00	33.71 -1.22 0.00	37.33 -1.36 0.00	40.20 -1.50 0.00	36.63 -1.33 0.00	35.15 -1.24 0.00	32.99 -1.16 0.00	30.41 -1.04 0.00	28.68 -0.89 0.00	27.75 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	29.88 -2.25 0.00	28.84 -1.84 0.00	28.79 -2.03 0.00	28.20 -1.93 0.00	28.29 -1.77 0.00	29.01 -1.88 0.00	29.41 -1.98 0.00	28.04 -2.57 0.00	29.34 -3.12 0.00	32.19 -3.34 0.00	32.73 -2.81 0.00	32.69 -2.84 0.00	32.53 -3.49 0.00	31.63 -3.75 0.00	31.84 -3.42 0.00	31.55 -3.39 0.00	34.70 -3.98 0.00	36.83 -4.88 0.00	33.82 -4.14 0.00	32.75 -3.64 0.00	30.80 -3.35 0.00	28.52 -2.92 0.00	27.12 -2.45 0.00	26.18 -2.40 0.00
OXBOW___BTM 323836	29.59 -2.54 0.00	28.35 -2.33 0.00	28.51 -2.31 0.00	27.90 -2.23 0.00	27.90 -2.17 0.00	28.71 -2.19 0.00	29.03 -2.35 0.00	27.67 -2.94 0.00	29.05 -3.41 0.00	31.87 -3.66 0.00	32.41 -3.13 0.00	31.62 -3.91 0.00	32.20 -3.82 0.00	31.60 -3.79 0.00	31.10 -4.16 0.00	31.20 -3.74 0.00	34.35 -4.33 0.00	36.45 -5.26 0.00	33.40 -4.56 0.00	32.39 -4.00 0.00	30.50 -3.65 0.00	28.27 -3.18 0.00	26.35 -3.22 0.00	26.04 -2.54 0.00
OXBOW____ 24026	29.59 -2.54 0.00	28.60 -2.09 0.00	28.54 -2.28 0.00	27.96 -2.17 0.00	28.02 -2.04 0.00	28.74 -2.16 0.00	29.13 -2.26 0.00	27.76 -2.85 0.00	29.05 -3.41 0.00	31.87 -3.66 0.00	32.41 -3.13 0.00	32.37 -3.16 0.00	32.20 -3.82 0.00	31.32 -4.07 0.00	31.52 -3.74 0.00	31.27 -3.67 0.00	34.35 -4.33 0.00	36.45 -5.25 0.00	33.44 -4.52 0.00	32.39 -4.00 0.00	30.50 -3.65 0.00	28.24 -3.21 0.00	26.88 -2.69 0.00	25.92 -2.66 0.00
OXY_CHEM_DSASP 323612	29.24 -2.89 0.00	28.26 -2.42 0.00	28.20 -2.62 0.00	27.60 -2.53 0.00	27.69 -2.38 0.00	28.40 -2.50 0.00	28.75 -2.64 0.00	27.39 -3.21 0.00	28.66 -3.80 0.00	31.44 -4.09 0.00	31.98 -3.55 0.00	31.94 -3.59 0.00	31.77 -4.25 0.00	30.93 -4.46 0.00	31.14 -4.13 0.00	30.85 -4.09 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.98 -4.97 0.00	31.91 -4.48 0.00	30.05 -4.10 0.00	27.86 -3.59 0.00	26.55 -3.02 0.00	25.61 -2.97 0.00
OZONE_PARK_ESR 323760	33.80 1.67 0.00	32.16 1.47 0.00	32.18 1.36 0.00	31.40 1.27 0.00	31.27 1.20 0.00	32.13 1.24 0.00	32.74 1.35 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.59 2.06 0.00	37.56 2.03 0.00	37.59 2.06 0.00	38.22 2.20 0.00	37.65 2.26 0.00	37.62 2.36 0.00	37.35 2.41 0.00	41.51 2.82 0.00	44.92 3.21 0.00	40.84 2.88 0.00	39.16 2.77 0.00	36.78 2.63 0.00	33.81 2.36 0.00	31.61 2.04 0.00	30.44 1.86 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	29.24 -2.89 0.00	28.26 -2.42 0.00	28.20 -2.62 0.00	27.60 -2.53 0.00	27.69 -2.38 0.00	28.40 -2.50 0.00	28.75 -2.64 0.00	27.39 -3.21 0.00	28.66 -3.80 0.00	31.44 -4.09 0.00	31.98 -3.55 0.00	31.94 -3.59 0.00	31.77 -4.25 0.00	30.93 -4.46 0.00	31.14 -4.13 0.00	30.85 -4.09 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.98 -4.97 0.00	31.91 -4.48 0.00	30.05 -4.10 0.00	27.86 -3.59 0.00	26.55 -3.02 0.00	25.61 -2.97 0.00
PACKARD__115KV_DUPONT_184 80571	29.24 -2.89 0.00	28.26 -2.42 0.00	28.20 -2.62 0.00	27.60 -2.53 0.00	27.69 -2.38 0.00	28.40 -2.50 0.00	28.75 -2.64 0.00	27.39 -3.21 0.00	28.66 -3.80 0.00	31.44 -4.09 0.00	31.98 -3.55 0.00	31.94 -3.59 0.00	31.77 -4.25 0.00	30.93 -4.46 0.00	31.14 -4.13 0.00	30.85 -4.09 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.98 -4.97 0.00	31.91 -4.48 0.00	30.05 -4.10 0.00	27.86 -3.59 0.00	26.55 -3.02 0.00	25.61 -2.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.61 1.48 0.00	32.07 1.38 0.00	32.05 1.23 0.00	31.28 1.15 0.00	31.15 1.08 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.92 1.32 0.00	33.99 1.53 0.00	37.16 1.63 0.00	37.14 1.60 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.26 1.88 0.00	37.24 1.97 0.00	36.96 2.03 0.00	41.01 2.32 0.00	44.37 2.67 0.00	40.38 2.43 0.00	38.68 2.29 0.00	36.37 2.22 0.00	33.46 2.01 0.00	31.31 1.74 0.00	30.38 1.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.93 1.80 0.00	32.37 1.69 0.00	32.36 1.54 0.00	31.58 1.45 0.00	31.42 1.35 0.00	32.13 1.24 0.00	32.74 1.35 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.55 2.03 0.00	37.49 1.95 0.00	37.55 2.03 0.00	38.14 2.13 0.00	37.61 2.23 0.00	37.59 2.33 0.00	37.28 2.34 0.00	41.39 2.71 0.00	44.79 3.09 0.00	40.76 2.81 0.00	39.05 2.66 0.00	36.68 2.53 0.00	33.78 2.33 0.00	31.61 2.04 0.00	30.67 2.09 0.00
PATROON__115KV_TB1 80586	33.26 1.12 0.00	31.70 1.01 0.00	31.81 0.99 0.00	31.10 0.96 0.00	31.00 0.93 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.65 1.04 0.00	33.66 1.20 0.00	36.84 1.31 0.00	36.53 1.00 0.00	36.52 0.99 0.00	37.10 1.08 0.00	36.52 1.13 0.00	36.39 1.13 0.00	36.16 1.22 0.00	40.00 1.32 0.00	43.25 1.54 0.00	39.32 1.37 0.00	37.70 1.31 0.00	35.41 1.26 0.00	32.71 1.26 0.00	30.72 1.15 0.00	29.73 1.14 0.00
PATTRSNVILLE___SOLAR 323815	33.13 1.00 0.00	31.57 0.89 0.00	31.68 0.86 0.00	30.97 0.84 0.00	30.91 0.84 0.00	31.76 0.86 0.00	32.33 0.94 0.00	31.56 0.95 0.00	33.50 1.04 0.00	36.59 1.06 0.00	36.57 1.03 0.00	36.63 1.10 0.00	37.10 1.08 0.00	36.48 1.10 0.00	36.42 1.16 0.00	36.19 1.26 0.00	40.19 1.51 0.00	43.46 1.75 0.00	39.51 1.56 0.00	37.85 1.46 0.00	35.52 1.37 0.00	32.64 1.19 0.00	30.58 1.01 0.00	29.47 0.89 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	30.49 -1.64 0.00	29.43 -1.26 0.00	29.43 -1.39 0.00	28.81 -1.33 0.00	28.89 -1.17 0.00	29.63 -1.27 0.00	30.07 -1.32 0.00	28.68 -1.93 0.00	30.06 -2.40 0.00	32.93 -2.59 0.00	33.44 -2.10 0.00	33.36 -2.17 0.00	33.28 -2.74 0.00	32.38 -3.01 0.00	32.55 -2.72 0.00	32.25 -2.69 0.00	35.51 -3.17 0.00	37.83 -3.88 0.00	34.69 -3.26 0.00	33.55 -2.84 0.00	31.56 -2.60 0.00	29.18 -2.26 0.00	27.65 -1.92 0.00	26.75 -1.83 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	33.90 1.77 0.00	32.25 1.56 0.00	32.30 1.48 0.00	31.55 1.42 0.00	31.45 1.38 0.00	32.32 1.42 0.00	32.96 1.57 0.00	32.32 1.71 0.00	34.47 2.01 0.00	37.77 2.24 0.00	37.71 2.17 0.00	37.66 2.13 0.00	38.29 2.27 0.00	37.76 2.37 0.00	37.73 2.47 0.00	37.45 2.52 0.00	41.59 2.90 0.00	45.00 3.29 0.00	40.88 2.92 0.00	39.16 2.77 0.00	36.75 2.60 0.00	33.78 2.33 0.00	31.58 2.01 0.00	30.41 1.83 0.00
PEEKSKILL____ 23653	33.54 1.41 0.00	31.91 1.23 0.00	31.96 1.14 0.00	31.19 1.05 0.00	31.12 1.05 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.95 1.35 0.00	33.99 1.53 0.00	37.20 1.67 0.00	37.17 1.64 0.00	37.23 1.71 0.00	37.78 1.76 0.00	37.19 1.80 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.01 2.32 0.00	44.33 2.63 0.00	40.35 2.39 0.00	38.65 2.26 0.00	36.30 2.15 0.00	33.37 1.92 0.00	31.11 1.54 0.00	29.87 1.29 0.00

PGE MADISON___WINDPWR 24146	33.96 1.83 0.00	32.40 1.72 0.00	32.64 1.82 0.00	31.94 1.81 0.00	31.81 1.74 0.00	32.78 1.89 0.00	33.49 2.10 0.00	32.57 1.96 0.00	34.57 2.11 0.00	37.77 2.24 0.00	37.92 2.38 0.00	37.73 2.20 0.00	38.11 2.09 0.00	37.12 1.73 0.00	36.92 1.66 0.00	36.51 1.57 0.00	40.51 1.82 0.00	43.67 1.96 0.00	39.70 1.75 0.00	38.17 1.78 0.00	35.65 1.50 0.00	32.77 1.32 0.00	30.66 1.09 0.00	29.70 1.11 0.00
PIERCEFIELD___HYD 23852	32.29 0.16 0.00	30.84 0.15 0.00	31.07 0.25 0.00	30.34 0.21 0.00	30.31 0.24 0.00	31.05 0.15 0.00	31.42 0.03 0.00	30.64 0.03 0.00	32.52 0.06 0.00	35.60 0.07 0.00	35.61 0.07 0.00	35.60 0.07 0.00	35.91 -0.11 0.00	35.24 -0.14 0.00	35.05 -0.21 0.00	34.52 -0.42 0.00	38.26 -0.43 0.00	41.16 -0.54 0.00	37.39 -0.57 0.00	35.77 -0.62 0.00	33.50 -0.65 0.00	30.76 -0.69 0.00	29.07 -0.50 0.00	28.27 -0.31 0.00
PINELAWN_CC_1 323563	34.19 2.06 0.00	32.49 1.81 0.00	32.27 1.45 0.00	31.46 1.32 0.00	31.33 1.26 0.00	32.20 1.30 0.00	32.93 1.54 0.00	32.69 2.08 0.00	34.86 2.40 0.00	38.16 2.63 0.00	38.31 2.77 0.00	38.38 2.84 -0.01	39.84 2.92 -0.91	41.29 2.94 -2.97	40.03 3.10 -1.67	44.87 3.18 -6.75	48.13 3.60 -5.85	49.11 4.04 -3.36	47.67 3.68 -6.04	45.75 3.49 -5.86	40.16 3.31 -2.69	35.20 3.05 -0.70	32.02 2.45 0.00	30.47 1.89 0.00
PJM_GEN_HTP_PROXY 323702	33.64 1.51 0.00	32.03 1.35 0.00	32.06 1.23 0.00	31.28 1.14 0.00	31.18 1.11 0.00	32.01 1.11 0.00	32.61 1.22 0.00	32.08 1.47 0.00	34.11 1.65 0.00	37.34 1.81 0.00	37.31 1.78 0.00	37.41 1.88 0.00	37.93 1.91 0.00	37.37 1.98 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.16 2.48 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.52 2.08 0.00	31.22 1.65 0.00	29.95 1.37 0.00
PJM_GEN_KEystone 24065	27.32 -0.32 4.49	24.54 -0.31 5.83	23.05 -0.37 7.40	26.30 -0.36 3.47	25.88 -0.36 3.83	25.92 -0.37 4.61	27.83 -0.34 3.22	28.79 -0.40 1.42	30.18 -0.49 1.79	29.60 -0.50 5.43	31.70 -0.36 3.48	32.10 -0.53 2.90	31.03 -0.54 4.45	31.00 -0.50 3.89	31.10 -0.53 3.63	32.20 -0.38 2.35	35.90 -0.42 2.36	39.70 -0.54 1.46	37.48 -0.45 0.02	36.04 -0.33 0.02	33.85 -0.27 0.03	31.22 -0.19 0.04	28.24 -0.44 0.89	27.86 -0.40 0.32
PJM_GEN_NEPTUNE_PROXY 323594	33.74 1.61 0.00	32.07 1.38 0.00	31.90 1.08 0.00	31.10 0.96 0.00	31.00 0.93 0.00	31.86 0.96 0.00	32.55 1.16 0.00	32.26 1.65 0.00	34.41 1.95 0.00	37.66 2.13 0.00	37.78 2.24 0.00	37.84 2.31 -0.01	39.16 2.38 -0.76	40.30 2.41 -2.50	39.21 2.54 -1.41	42.99 2.62 -5.43	46.33 2.94 -4.70	47.70 3.29 -2.70	45.81 3.00 -4.86	43.98 2.87 -4.72	39.16 2.73 -2.27	34.55 2.52 -0.59	31.55 1.98 0.00	30.07 1.49 0.00
PJM_GEN_VFT_PROXY 323633	32.96 1.25 0.42	31.32 1.10 0.47	31.34 0.99 0.46	30.54 0.90 0.49	30.44 0.87 0.50	31.30 0.86 0.47	31.92 0.97 0.45	31.35 1.23 0.49	33.40 1.39 0.46	36.69 1.53 0.37	36.69 1.49 0.34	36.76 1.60 0.36	37.31 1.66 0.36	36.70 1.70 0.38	36.73 1.83 0.36	36.48 1.92 0.37	40.67 2.20 0.22	44.12 2.54 0.13	40.01 2.32 0.26	38.24 2.18 0.33	35.83 2.08 0.40	32.78 1.86 0.53	30.43 1.45 0.59	29.16 1.14 0.57
PLATSBURG_115KV_PMLD1 355749	32.90 0.77 0.00	31.48 0.80 0.00	31.72 0.89 0.00	30.95 0.81 0.00	30.91 0.84 0.00	31.83 0.93 0.00	31.99 0.60 0.00	31.22 0.61 0.00	33.11 0.65 0.00	36.24 0.71 0.00	36.28 0.75 0.00	36.31 0.78 0.00	36.74 0.72 0.00	35.99 0.60 0.00	35.72 0.46 0.00	35.18 0.24 0.00	38.92 0.23 0.00	41.70 0.00 0.00	37.88 -0.08 0.00	36.10 -0.29 0.00	33.81 -0.34 0.00	30.95 -0.50 0.00	29.07 -0.50 0.00	28.38 -0.20 0.00
PLEASANTVLY___LBMP 24000	33.45 1.32 0.00	31.82 1.14 0.00	31.90 1.08 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.49 1.10 0.00	31.86 1.25 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.07 1.53 0.00	37.09 1.56 0.00	37.68 1.66 0.00	37.12 1.73 0.00	37.06 1.80 0.00	36.79 1.85 0.00	40.81 2.13 0.00	44.17 2.46 0.00	40.16 2.20 0.00	38.46 2.07 0.00	36.13 1.98 0.00	33.27 1.82 0.00	31.14 1.57 0.00	30.04 1.46 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.61 1.48 0.00	31.97 1.29 0.00	32.02 1.20 0.00	31.25 1.11 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.61 1.22 0.00	32.05 1.44 0.00	34.08 1.62 0.00	37.30 1.78 0.00	37.28 1.74 0.00	37.30 1.78 0.00	37.89 1.87 0.00	37.37 1.98 0.00	37.34 2.08 0.00	37.03 2.10 0.00	41.12 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.21 1.63 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.61 1.48 0.00	31.97 1.29 0.00	32.02 1.20 0.00	31.25 1.11 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.61 1.22 0.00	32.05 1.44 0.00	34.08 1.62 0.00	37.30 1.78 0.00	37.28 1.74 0.00	37.30 1.78 0.00	37.89 1.87 0.00	37.37 1.98 0.00	37.34 2.08 0.00	37.03 2.10 0.00	41.12 2.44 0.00	44.50 2.79 0.00	40.50 2.54 0.00	38.79 2.40 0.00	36.44 2.29 0.00	33.52 2.08 0.00	31.34 1.77 0.00	30.21 1.63 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.80 1.67 0.00	32.16 1.47 0.00	32.24 1.42 0.00	31.49 1.36 0.00	31.39 1.32 0.00	32.26 1.36 0.00	32.83 1.44 0.00	32.17 1.56 0.00	34.25 1.79 0.00	37.45 1.92 0.00	37.39 1.85 0.00	37.37 1.85 0.00	38.00 1.98 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.17 2.24 0.00	41.28 2.59 0.00	44.71 3.00 0.00	40.61 2.66 0.00	38.90 2.51 0.00	36.51 2.36 0.00	33.62 2.17 0.00	31.46 1.89 0.00	30.30 1.71 0.00
POLETTI___ 23519	33.48 1.35 0.00	31.82 1.14 0.00	31.87 1.05 0.00	31.10 0.96 0.00	30.97 0.90 0.00	31.86 0.96 0.00	32.41 1.04 0.02	31.91 1.32 0.02	33.97 1.53 0.02	34.04 1.67 3.16	35.21 1.63 1.96	35.17 1.71 2.06	35.75 1.80 2.07	35.82 1.91 1.47	35.21 1.97 2.02	35.18 2.03 1.79	35.28 2.36 5.77	35.66 2.71 8.75	35.28 2.47 5.14	35.28 2.33 3.44	35.28 2.22 1.09	33.45 2.01 0.02	31.27 1.72 0.02	30.15 1.57 0.00
POMONA___ESR 323819	33.48 1.35 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.16 1.03 0.00	31.06 0.99 0.00	31.92 1.02 0.00	32.49 1.10 0.00	31.92 1.32 0.00	33.92 1.46 0.00	37.13 1.60 0.00	37.10 1.56 0.00	37.16 1.64 0.00	37.71 1.69 0.00	37.12 1.73 0.00	37.13 1.87 0.00	36.86 1.92 0.00	40.89 2.20 0.00	44.25 2.54 0.00	40.27 2.32 0.00	38.57 2.18 0.00	36.23 2.08 0.00	33.34 1.89 0.00	31.05 1.48 0.00	29.81 1.23 0.00
PORT_JEFF_3 23555	34.47 2.34 0.00	32.74 2.06 0.00	32.48 1.66 0.00	31.67 1.54 0.00	31.54 1.47 0.00	32.41 1.51 0.00	33.18 1.79 0.00	32.97 2.36 0.00	35.19 2.73 0.00	38.51 2.98 0.00	38.67 3.13 0.00	38.74 3.20 -0.01	40.12 3.28 -0.82	41.37 3.29 -2.69	40.27 3.49 -1.51	44.75 3.60 -6.22	48.17 4.10 -5.38	49.38 4.59 -3.09	47.61 4.10 -5.56	45.68 3.90 -5.40	40.25 3.66 -2.44	35.45 3.37 -0.63	32.23 2.66 0.00	30.67 2.09 0.00

PORT_JEFF_4 23616	34.47 2.34 0.00	32.74 2.06 0.00	32.48 1.66 0.00	31.67 1.54 0.00	31.54 1.47 0.00	32.41 1.51 0.00	33.18 1.79 0.00	32.97 2.36 0.00	35.19 2.73 0.00	38.51 2.98 0.00	38.67 3.13 0.00	38.74 3.20 -0.01	40.12 3.28 -0.82	41.37 3.29 -2.69	40.27 3.49 -1.51	44.75 3.60 -6.22	48.17 4.10 -5.38	49.38 4.59 -3.09	47.61 4.10 -5.56	45.68 3.90 -5.40	40.25 3.66 -2.44	35.45 3.37 -0.63	32.23 2.66 0.00	30.67 2.09 0.00
PORT_JEFF_IC 23713	34.44 2.31 0.00	32.68 1.99 0.00	32.46 1.63 0.00	31.64 1.51 0.00	31.48 1.41 0.00	32.44 1.54 0.00	33.18 1.79 0.00	32.97 2.36 0.00	35.22 2.76 0.00	38.55 3.02 0.00	38.70 3.16 0.00	38.73 3.20 -0.01	40.16 3.31 -0.82	41.49 3.40 -2.70	40.34 3.56 -1.52	44.80 3.63 -6.23	48.22 4.14 -5.40	49.43 4.63 -3.10	47.66 4.14 -5.57	45.73 3.93 -5.41	40.33 3.72 -2.45	35.51 3.43 -0.63	32.53 2.96 0.00	31.04 2.46 0.00
PPL_PILGRIM_ST_GT1 24216	34.51 2.38 0.00	32.80 2.12 0.00	32.55 1.72 0.00	31.73 1.60 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.55 3.02 0.00	38.74 3.20 0.00	38.80 3.27 -0.01	40.20 3.35 -0.83	41.45 3.33 -2.74	40.33 3.53 -1.54	44.87 3.63 -6.30	48.24 4.10 -5.45	49.47 4.63 -3.13	47.73 4.14 -5.63	45.79 3.93 -5.47	40.36 3.72 -2.48	35.49 3.40 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
PPL_PILGRIM_ST_GT2 24217	34.51 2.38 0.00	32.80 2.12 0.00	32.55 1.72 0.00	31.73 1.60 0.00	31.60 1.53 0.00	32.47 1.57 0.00	33.24 1.85 0.00	33.03 2.42 0.00	35.25 2.79 0.00	38.55 3.02 0.00	38.74 3.20 0.00	38.80 3.27 -0.01	40.20 3.35 -0.83	41.45 3.33 -2.74	40.33 3.53 -1.54	44.87 3.63 -6.30	48.24 4.10 -5.45	49.47 4.63 -3.13	47.73 4.14 -5.63	45.79 3.93 -5.47	40.36 3.72 -2.48	35.49 3.40 -0.64	32.29 2.72 0.00	30.73 2.14 0.00
PPL_SHRM_GT3 24213	34.64 2.51 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.38 2.92 0.00	38.73 3.20 0.00	38.81 3.27 0.00	38.87 3.34 -0.01	40.26 3.42 -0.82	41.55 3.47 -2.70	40.44 3.67 -1.52	44.97 3.81 -6.22	48.40 4.33 -5.39	49.67 4.88 -3.09	47.88 4.36 -5.56	45.90 4.11 -5.40	40.42 3.82 -2.45	35.60 3.52 -0.63	32.38 2.81 0.00	30.78 2.20 0.00
PPL_SHRM_GT4 24214	34.64 2.51 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.38 2.92 0.00	38.73 3.20 0.00	38.81 3.27 0.00	38.87 3.34 -0.01	40.26 3.42 -0.82	41.55 3.47 -2.70	40.44 3.67 -1.52	44.97 3.81 -6.22	48.40 4.33 -5.39	49.67 4.88 -3.09	47.88 4.36 -5.56	45.90 4.11 -5.40	40.42 3.82 -2.45	35.60 3.52 -0.63	32.38 2.81 0.00	30.78 2.20 0.00
PROJECT___ORANGE 1 24174	31.30 -0.84 0.00	29.95 -0.74 0.00	30.05 -0.77 0.00	29.41 -0.72 0.00	29.34 -0.72 0.00	30.13 -0.77 0.00	30.64 -0.75 0.00	29.81 -0.80 0.00	31.58 -0.88 0.00	34.60 -0.92 0.00	34.76 -0.78 0.00	34.75 -0.78 0.00	35.15 -0.86 0.00	34.50 -0.88 0.00	34.41 -0.85 0.00	34.10 -0.84 0.00	37.72 -0.97 0.00	40.62 -1.08 0.00	37.04 -0.91 0.00	35.55 -0.84 0.00	33.33 -0.82 0.00	30.73 -0.72 0.00	28.89 -0.68 0.00	27.93 -0.66 0.00
PROJECT___ORANGE 2 24166	31.30 -0.84 0.00	29.95 -0.74 0.00	30.05 -0.77 0.00	29.41 -0.72 0.00	29.34 -0.72 0.00	30.13 -0.77 0.00	30.64 -0.75 0.00	29.81 -0.80 0.00	31.58 -0.88 0.00	34.60 -0.92 0.00	34.76 -0.78 0.00	34.75 -0.78 0.00	35.15 -0.86 0.00	34.50 -0.88 0.00	34.41 -0.85 0.00	34.10 -0.84 0.00	37.72 -0.97 0.00	40.62 -1.08 0.00	37.04 -0.91 0.00	35.55 -0.84 0.00	33.33 -0.82 0.00	30.73 -0.72 0.00	28.89 -0.68 0.00	27.93 -0.66 0.00
PUCKETT___SOLAR 323809	32.39 0.26 0.00	30.93 0.24 0.00	31.10 0.28 0.00	30.40 0.27 0.00	30.34 0.27 0.00	31.21 0.31 0.00	31.74 0.35 0.00	30.85 0.24 0.00	32.66 0.20 0.00	35.78 0.25 0.00	35.93 0.39 0.00	35.81 0.28 0.00	36.27 0.25 0.00	35.56 0.18 0.00	35.40 0.14 0.00	35.11 0.18 0.00	38.88 0.19 0.00	41.91 0.21 0.00	38.18 0.23 0.00	36.68 0.29 0.00	34.39 0.24 0.00	31.67 0.22 0.00	29.63 0.06 0.00	28.70 0.11 0.00
PYRITES___HYD 24023	32.93 0.80 0.00	31.45 0.77 0.00	31.68 0.86 0.00	30.95 0.81 0.00	30.88 0.81 0.00	31.70 0.80 0.00	32.11 0.72 0.00	31.31 0.70 0.00	33.24 0.78 0.00	36.38 0.85 0.00	36.43 0.89 0.00	36.45 0.92 0.00	36.78 0.76 0.00	36.09 0.71 0.00	35.90 0.63 0.00	35.39 0.45 0.00	39.23 0.54 0.00	42.21 0.50 0.00	38.34 0.38 0.00	36.68 0.29 0.00	34.36 0.20 0.00	31.48 0.03 0.00	29.72 0.15 0.00	28.87 0.29 0.00
QUAKERRD_115KV_BK1 80622	30.07 -2.06 0.00	28.87 -1.81 0.00	28.88 -1.94 0.00	28.26 -1.87 0.00	28.26 -1.80 0.00	29.01 -1.88 0.00	29.51 -1.88 0.00	28.53 -2.08 0.00	30.09 -2.37 0.00	33.08 -2.45 0.00	33.41 -2.13 0.00	33.40 -2.13 0.00	33.57 -2.45 0.00	32.84 -2.55 0.00	32.86 -2.40 0.00	32.56 -2.38 0.00	35.98 -2.71 0.00	38.49 -3.21 0.00	35.19 -2.77 0.00	33.84 -2.55 0.00	31.76 -2.39 0.00	29.28 -2.17 0.00	27.65 -1.92 0.00	26.64 -1.94 0.00
QUENSBRY_115KV_TB8 356137	33.06 0.93 0.00	31.45 0.77 0.00	31.59 0.77 0.00	30.85 0.72 0.00	30.76 0.69 0.00	31.64 0.74 0.00	32.30 0.91 0.00	31.53 0.92 0.00	33.60 1.14 0.00	36.81 1.28 0.00	36.82 1.28 0.00	36.84 1.31 0.00	37.39 1.37 0.00	36.77 1.38 0.00	36.64 1.38 0.00	36.41 1.47 0.00	40.39 1.70 0.00	43.71 2.00 0.00	39.70 1.75 0.00	37.99 1.60 0.00	35.65 1.50 0.00	32.71 1.26 0.00	31.31 1.74 0.00	30.18 1.60 0.00
RAMAPO___LBMP 323565	33.35 1.22 0.00	31.73 1.04 0.00	31.78 0.96 0.00	31.04 0.90 0.00	30.94 0.87 0.00	31.79 0.90 0.00	32.36 0.97 0.00	31.77 1.16 0.00	33.82 1.36 0.00	37.02 1.49 0.00	37.00 1.46 0.00	36.98 1.46 0.00	37.60 1.58 0.00	37.05 1.66 0.00	36.99 1.73 0.00	36.72 1.78 0.00	40.78 2.09 0.00	44.08 2.38 0.00	40.12 2.16 0.00	38.43 2.04 0.00	36.10 1.95 0.00	33.24 1.79 0.00	31.08 1.51 0.00	29.95 1.37 0.00
RANKINE____ 23646	30.17 -1.96 0.00	29.15 -1.53 0.00	29.13 -1.70 0.00	28.53 -1.60 0.00	28.59 -1.47 0.00	29.32 -1.58 0.00	29.76 -1.63 0.00	28.37 -2.23 0.00	29.70 -2.76 0.00	32.54 -2.98 0.00	33.05 -2.49 0.00	33.00 -2.52 0.00	32.85 -3.17 0.00	31.95 -3.43 0.00	32.12 -3.14 0.00	31.83 -3.11 0.00	35.01 -3.68 0.00	37.24 -4.46 0.00	34.16 -3.80 0.00	33.08 -3.31 0.00	31.11 -3.04 0.00	28.81 -2.64 0.00	27.35 -2.22 0.00	26.41 -2.17 0.00
RAVENSWOOD_GT2_1 24244	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.07 2.13 0.00	41.16 2.48 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.37 1.80 0.00	30.27 1.69 0.00



RAVENSWOOD_GT2_2 24245	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.08 1.62 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.07 2.13 0.00	41.16 2.48 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.37 1.80 0.00	30.27 1.69 0.00
RAVENSWOOD_GT2_3 24246	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
RAVENSWOOD_GT2_4 24247	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.96 1.95 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.54 2.58 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
RAVENSWOOD_GT3_1 24248	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
RAVENSWOOD_GT3_2 24249	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
RAVENSWOOD_GT3_3 24250	33.64 1.51 0.00	32.00 1.32 0.00	32.02 1.20 0.00	31.25 1.11 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.15 1.69 0.00	37.37 1.85 0.00	37.35 1.81 0.00	37.37 1.85 0.00	38.00 1.98 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.14 2.20 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.57 2.62 0.00	38.90 2.51 0.00	36.54 2.39 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.30 1.71 0.00
RAVENSWOOD_GT3_4 24251	33.64 1.51 0.00	32.00 1.32 0.00	32.02 1.20 0.00	31.25 1.11 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.58 1.19 0.00	32.08 1.47 0.00	34.15 1.69 0.00	37.37 1.85 0.00	37.35 1.81 0.00	37.37 1.85 0.00	38.00 1.98 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.14 2.20 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.57 2.62 0.00	38.90 2.51 0.00	36.54 2.39 0.00	33.62 2.17 0.00	31.43 1.86 0.00	30.30 1.71 0.00
RAVENSWOOD_GT_1 23729	35.37 1.57 -1.67	33.93 1.41 -1.84	33.94 1.29 -1.82	33.27 1.21 -1.93	33.15 1.14 -1.94	33.87 1.14 -1.83	34.36 1.22 -1.75	34.02 1.50 -1.91	35.97 1.72 -1.79	38.87 1.88 -1.46	38.68 1.81 -1.33	38.85 1.88 -1.43	39.47 2.02 -1.43	38.99 2.09 -1.51	38.89 2.19 -1.44	38.65 2.24 -1.47	42.17 2.59 -0.89	45.15 2.92 -0.53	41.66 2.66 -1.05	40.25 2.55 -1.31	38.15 2.42 -1.58	35.72 2.20 -2.07	33.79 1.92 -2.30	32.63 1.83 -2.22
RAVENSWOOD_GT_10 24258	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.37 1.80 0.00	30.24 1.66 0.00
RAVENSWOOD_GT_11 24259	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.37 1.80 0.00	30.24 1.66 0.00
RAVENSWOOD_GT_4 24252	34.85 1.45 -1.27	33.34 1.26 -1.40	33.35 1.14 -1.39	32.66 1.05 -1.47	32.57 1.02 -1.48	33.34 1.05 -1.39	33.88 1.16 -1.33	33.47 1.41 -1.45	35.45 1.62 -1.36	38.45 1.81 -1.11	38.29 1.74 -1.01	38.43 1.81 -1.09	39.02 1.91 -1.09	38.56 2.02 -1.15	38.47 2.12 -1.10	38.19 2.13 -1.12	41.84 2.48 -0.68	44.94 2.84 -0.40	41.33 2.58 -0.80	39.82 2.44 -1.00	37.67 2.32 -1.20	35.13 2.11 -1.58	33.13 1.80 -1.75	31.93 1.66 -1.69
RAVENSWOOD_GT_5 24254	34.85 1.45 -1.27	33.34 1.26 -1.40	33.35 1.14 -1.39	32.66 1.05 -1.47	32.57 1.02 -1.48	33.34 1.05 -1.39	33.88 1.16 -1.33	33.47 1.41 -1.45	35.45 1.62 -1.36	38.45 1.81 -1.11	38.29 1.74 -1.01	38.43 1.81 -1.09	39.02 1.91 -1.09	38.56 2.02 -1.15	38.47 2.12 -1.10	38.19 2.13 -1.12	41.84 2.48 -0.68	44.94 2.84 -0.40	41.33 2.58 -0.80	39.82 2.44 -1.00	37.67 2.32 -1.20	35.13 2.11 -1.58	33.13 1.80 -1.75	31.93 1.66 -1.69
RAVENSWOOD_GT_6 24253	34.85 1.45 -1.27	33.34 1.26 -1.40	33.35 1.14 -1.39	32.66 1.05 -1.47	32.57 1.02 -1.48	33.34 1.05 -1.39	33.88 1.16 -1.33	33.47 1.41 -1.45	35.45 1.62 -1.36	38.45 1.81 -1.11	38.29 1.74 -1.01	38.43 1.81 -1.09	39.02 1.91 -1.09	38.56 2.02 -1.15	38.47 2.12 -1.10	38.19 2.13 -1.12	41.84 2.48 -0.68	44.94 2.84 -0.40	41.33 2.58 -0.80	39.82 2.44 -1.00	37.67 2.32 -1.20	35.13 2.11 -1.58	33.13 1.80 -1.75	31.93 1.66 -1.69
RAVENSWOOD_GT_7 24255	34.85 1.45 -1.27	33.34 1.26 -1.40	33.35 1.14 -1.39	32.66 1.05 -1.47	32.57 1.02 -1.48	33.34 1.05 -1.39	33.88 1.16 -1.33	33.47 1.41 -1.45	35.45 1.62 -1.36	38.45 1.81 -1.11	38.29 1.74 -1.01	38.43 1.81 -1.09	39.02 1.91 -1.09	38.56 2.02 -1.15	38.47 2.12 -1.10	38.19 2.13 -1.12	41.84 2.48 -0.68	44.94 2.84 -0.40	41.33 2.58 -0.80	39.82 2.44 -1.00	37.67 2.32 -1.20	35.13 2.11 -1.58	33.13 1.80 -1.75	31.93 1.66 -1.69
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.37 1.80 0.00	30.24 1.66 0.00

RAVENSWOOD_GT_9 24257	33.61 1.48 0.00	31.94 1.26 0.00	31.99 1.17 0.00	31.22 1.08 0.00	31.12 1.05 0.00	31.98 1.08 0.00	32.55 1.16 0.00	32.02 1.41 0.00	34.12 1.66 0.00	37.34 1.81 0.00	37.32 1.78 0.00	37.34 1.81 0.00	37.93 1.91 0.00	37.40 2.02 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.54 2.84 0.00	40.54 2.58 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.59 2.14 0.00	31.37 1.80 0.00	30.24 1.66 0.00
RAVENSWOOD___1 23533	33.80 1.67 0.00	32.22 1.53 0.00	32.21 1.39 0.00	31.43 1.29 0.00	31.33 1.26 0.00	32.10 1.20 0.00	32.71 1.32 0.00	32.20 1.59 0.00	34.15 1.69 0.00	37.37 1.85 0.00	37.35 1.81 0.00	37.44 1.92 0.00	38.00 1.98 0.00	37.40 2.02 0.00	37.41 2.15 0.00	37.18 2.24 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.65 2.70 0.00	38.90 2.51 0.00	36.54 2.39 0.00	33.62 2.17 0.00	31.28 1.71 0.00	30.01 1.43 0.00
RAVENSWOOD___2 23534	33.80 1.67 0.00	32.19 1.50 0.00	32.18 1.35 0.00	31.43 1.29 0.00	31.33 1.26 0.00	32.10 1.20 0.00	32.68 1.29 0.00	32.17 1.56 0.00	34.15 1.69 0.00	37.37 1.85 0.00	37.35 1.81 0.00	37.44 1.92 0.00	38.00 1.98 0.00	37.40 2.02 0.00	37.41 2.15 0.00	37.18 2.24 0.00	41.24 2.55 0.00	44.62 2.92 0.00	40.65 2.70 0.00	38.90 2.51 0.00	36.54 2.39 0.00	33.62 2.17 0.00	31.28 1.71 0.00	30.01 1.43 0.00
RAVENSWOOD___3 23535	33.67 1.54 0.00	32.03 1.35 0.00	32.06 1.23 0.00	31.28 1.14 0.00	31.21 1.14 0.00	32.04 1.14 0.00	32.61 1.22 0.00	32.08 1.47 0.00	34.11 1.65 0.00	37.34 1.81 0.00	37.31 1.78 0.00	37.41 1.88 0.00	37.96 1.94 0.00	37.37 1.98 0.00	37.38 2.12 0.00	37.10 2.17 0.00	41.20 2.51 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.83 2.44 0.00	36.47 2.32 0.00	33.56 2.11 0.00	31.22 1.65 0.00	29.95 1.37 0.00
RAVENSWOOD___4 23820	32.12 1.64 1.64	30.38 1.50 1.81	30.38 1.35 1.80	29.53 1.29 1.90	29.41 1.26 1.91	30.30 1.20 1.80	30.95 1.29 1.72	30.29 1.56 1.88	32.38 1.69 1.76	35.94 1.85 1.43	36.00 1.78 1.31	36.03 1.92 1.41	36.59 1.98 1.41	35.91 2.02 1.49	35.99 2.15 1.42	35.69 2.20 1.45	40.36 2.55 0.88	44.11 2.92 0.52	39.62 2.70 1.03	37.61 2.51 1.29	34.99 2.39 1.55	31.55 2.14 2.04	29.02 1.71 2.27	27.80 1.40 2.18
RCPI_TRUST___DRP 24196	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.25 1.11 0.00	31.12 1.05 0.00	32.01 1.11 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.15 1.69 0.00	37.37 1.85 0.00	37.35 1.81 0.00	37.37 1.85 0.00	38.00 1.98 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.14 2.20 0.00	41.24 2.55 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
RED___ROCHESTER 323720	30.69 -1.45 0.00	29.37 -1.32 0.00	29.50 -1.32 0.00	28.84 -1.29 0.00	28.80 -1.26 0.00	29.63 -1.27 0.00	30.07 -1.32 0.00	29.02 -1.59 0.00	30.64 -1.82 0.00	33.75 -1.78 0.00	34.12 -1.42 0.00	33.68 -1.85 0.00	34.22 -1.80 0.00	33.62 -1.77 0.00	33.29 -1.97 0.00	33.19 -1.75 0.00	36.72 -1.97 0.00	39.20 -2.50 0.00	35.79 -2.16 0.00	34.50 -1.89 0.00	32.41 -1.74 0.00	29.91 -1.54 0.00	27.97 -1.60 0.00	27.30 -1.29 0.00
REGAN___SOLAR 323812	34.06 1.93 0.00	32.40 1.72 0.00	32.55 1.72 0.00	31.79 1.66 0.00	31.69 1.62 0.00	32.60 1.70 0.00	33.27 1.88 0.00	32.44 1.84 0.00	34.44 1.98 0.00	37.66 2.13 0.00	37.71 2.17 0.00	37.73 2.20 0.00	38.18 2.16 0.00	37.58 2.19 0.00	37.52 2.26 0.00	37.38 2.44 0.00	41.59 2.90 0.00	45.00 3.29 0.00	40.92 2.96 0.00	39.15 2.76 0.00	36.75 2.59 0.00	33.65 2.20 0.00	31.40 1.83 0.00	30.27 1.69 0.00
RENSSELAER___COGEN 23796	33.13 1.00 0.00	31.60 0.92 0.00	31.72 0.89 0.00	31.01 0.87 0.00	30.91 0.84 0.00	31.76 0.86 0.00	32.33 0.94 0.00	31.56 0.95 0.00	33.53 1.07 0.00	36.70 1.17 0.00	36.36 0.82 0.00	36.42 0.89 0.00	36.95 0.93 0.00	36.34 0.96 0.00	36.28 1.02 0.00	35.98 1.05 0.00	39.85 1.16 0.00	43.04 1.33 0.00	39.13 1.18 0.00	37.55 1.16 0.00	35.28 1.13 0.00	32.52 1.07 0.00	30.49 0.92 0.00	29.50 0.91 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.83 1.70 0.00	32.13 1.44 0.00	32.27 1.45 0.00	31.52 1.39 0.00	31.42 1.35 0.00	32.35 1.45 0.00	33.08 1.70 0.00	32.29 1.68 0.00	34.47 2.01 0.00	37.87 2.34 0.00	37.92 2.38 0.00	37.98 2.45 0.00	38.47 2.45 0.00	37.83 2.44 0.00	37.66 2.40 0.00	37.42 2.48 0.00	41.63 2.94 0.00	45.12 3.42 0.00	40.92 2.96 0.00	39.08 2.69 0.00	36.64 2.49 0.00	33.49 2.04 0.00	31.94 2.37 0.00	30.78 2.20 0.00
REVERE_CPPR_DRP 24186	32.77 0.64 0.00	31.30 0.61 0.00	31.44 0.62 0.00	30.79 0.66 0.00	30.70 0.63 0.00	31.58 0.68 0.00	32.17 0.78 0.00	31.34 0.73 0.00	33.27 0.81 0.00	36.45 0.92 0.00	36.53 1.00 0.00	36.49 0.96 0.00	36.99 0.97 0.00	36.23 0.85 0.00	36.14 0.88 0.00	35.81 0.87 0.00	39.65 0.97 0.00	42.75 1.04 0.00	38.87 0.91 0.00	37.34 0.95 0.00	34.94 0.79 0.00	32.11 0.66 0.00	30.16 0.59 0.00	29.13 0.54 0.00
REYNOLDS_115KV_TB3 80639	33.26 1.12 0.00	31.70 1.01 0.00	31.81 0.99 0.00	31.07 0.93 0.00	31.00 0.93 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.65 1.04 0.00	33.66 1.20 0.00	36.84 1.31 0.00	36.57 1.03 0.00	36.56 1.03 0.00	37.14 1.12 0.00	36.55 1.17 0.00	36.42 1.16 0.00	36.20 1.26 0.00	40.08 1.39 0.00	43.29 1.58 0.00	39.36 1.40 0.00	37.77 1.38 0.00	35.48 1.33 0.00	32.77 1.32 0.00	30.75 1.18 0.00	29.73 1.14 0.00
RIVERBAY____ 323610	33.93 1.80 0.00	32.37 1.69 0.00	32.36 1.54 0.00	31.58 1.45 0.00	31.42 1.35 0.00	32.13 1.24 0.00	32.74 1.35 0.00	32.23 1.62 0.00	34.31 1.85 0.00	37.55 2.03 0.00	37.49 1.95 0.00	37.55 2.03 0.00	38.14 2.13 0.00	37.61 2.23 0.00	37.59 2.33 0.00	37.28 2.34 0.00	41.39 2.71 0.00	44.79 3.09 0.00	40.76 2.81 0.00	39.05 2.66 0.00	36.68 2.53 0.00	33.78 2.33 0.00	31.61 2.04 0.00	30.67 2.09 0.00
RIVERSDE_115KV_TB3 55908	33.22 1.09 0.00	31.67 0.98 0.00	31.78 0.96 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.83 0.93 0.00	32.39 1.00 0.00	31.62 1.01 0.00	33.63 1.17 0.00	36.81 1.28 0.00	36.50 0.96 0.00	36.49 0.96 0.00	37.06 1.04 0.00	36.48 1.10 0.00	36.39 1.13 0.00	36.13 1.19 0.00	39.96 1.28 0.00	43.21 1.50 0.00	39.28 1.33 0.00	37.66 1.27 0.00	35.41 1.26 0.00	32.71 1.26 0.00	30.69 1.12 0.00	29.70 1.11 0.00
ROARING___BROOK_WT_PWR 323790	31.78 -0.35 0.00	30.38 -0.31 0.00	30.57 -0.25 0.00	29.92 -0.21 0.00	29.89 -0.18 0.00	30.78 -0.12 0.00	31.23 -0.16 0.00	30.43 -0.18 0.00	32.23 -0.23 0.00	35.17 -0.36 0.00	35.11 -0.42 0.00	35.03 -0.50 0.00	35.44 -0.58 0.00	34.78 -0.60 0.00	34.63 -0.63 0.00	34.24 -0.70 0.00	37.87 -0.81 0.00	40.83 -0.88 0.00	37.12 -0.84 0.00	35.55 -0.84 0.00	33.37 -0.78 0.00	30.69 -0.76 0.00	28.89 -0.68 0.00	27.93 -0.66 0.00

ROCHESRG_115KV_T4 355643	30.43 -1.70 0.00	29.24 -1.44 0.00	29.25 -1.57 0.00	28.63 -1.51 0.00	28.62 -1.44 0.00	29.38 -1.51 0.00	29.88 -1.51 0.00	28.83 -1.78 0.00	30.35 -2.11 0.00	33.36 -2.17 0.00	33.73 -1.81 0.00	33.72 -1.81 0.00	33.82 -2.20 0.00	33.05 -2.34 0.00	33.15 -2.12 0.00	32.84 -2.10 0.00	36.25 -2.44 0.00	38.70 -3.00 0.00	35.37 -2.58 0.00	34.10 -2.29 0.00	32.00 -2.15 0.00	29.53 -1.92 0.00	27.94 -1.63 0.00	26.92 -1.66 0.00
ROCHESTER_9_IC 23652	30.59 -1.54 0.00	29.36 -1.32 0.00	29.37 -1.45 0.00	28.75 -1.39 0.00	28.74 -1.32 0.00	29.54 -1.36 0.00	30.01 -1.38 0.00	28.96 -1.65 0.00	30.51 -1.95 0.00	33.57 -1.95 0.00	33.94 -1.60 0.00	33.93 -1.60 0.00	34.04 -1.98 0.00	33.26 -2.12 0.00	33.32 -1.94 0.00	33.02 -1.92 0.00	36.48 -2.21 0.00	38.95 -2.75 0.00	35.60 -2.35 0.00	34.32 -2.07 0.00	32.20 -1.95 0.00	29.72 -1.73 0.00	28.09 -1.48 0.00	27.04 -1.54 0.00
ROCKVIEW_13_KV_LD 356306	33.71 1.57 0.00	32.07 1.38 0.00	32.12 1.29 0.00	31.34 1.21 0.00	31.21 1.14 0.00	32.10 1.21 0.00	32.68 1.29 0.00	32.14 1.53 0.00	34.21 1.75 0.00	37.45 1.92 0.00	37.42 1.88 0.00	37.45 1.92 0.00	38.04 2.02 0.00	37.51 2.12 0.00	37.48 2.22 0.00	37.21 2.27 0.00	41.32 2.63 0.00	44.71 3.00 0.00	40.65 2.69 0.00	38.97 2.58 0.00	36.61 2.46 0.00	33.68 2.23 0.00	31.46 1.89 0.00	30.33 1.74 0.00
ROME____115KV_TB2 80656	32.77 0.64 0.00	31.30 0.61 0.00	31.44 0.62 0.00	30.79 0.66 0.00	30.70 0.63 0.00	31.58 0.68 0.00	32.17 0.78 0.00	31.34 0.73 0.00	33.27 0.81 0.00	36.45 0.92 0.00	36.53 1.00 0.00	36.49 0.96 0.00	36.99 0.97 0.00	36.23 0.85 0.00	36.14 0.88 0.00	35.81 0.87 0.00	39.65 0.97 0.00	42.75 1.04 0.00	38.87 0.91 0.00	37.34 0.95 0.00	34.94 0.79 0.00	32.11 0.66 0.00	30.16 0.59 0.00	29.13 0.54 0.00
ROSETON___1 23587	33.42 1.29 0.00	31.82 1.14 0.00	31.87 1.05 0.00	31.12 0.99 0.00	31.06 0.99 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.86 1.26 0.00	33.85 1.39 0.00	37.05 1.53 0.00	37.03 1.49 0.00	37.09 1.56 0.00	37.60 1.58 0.00	37.01 1.63 0.00	37.02 1.76 0.00	36.75 1.82 0.00	40.77 2.09 0.00	44.08 2.38 0.00	40.12 2.16 0.00	38.43 2.04 0.00	36.10 1.95 0.00	33.21 1.76 0.00	30.99 1.42 0.00	29.75 1.17 0.00
ROSETON___2 23588	33.42 1.29 0.00	31.82 1.14 0.00	31.87 1.05 0.00	31.12 0.99 0.00	31.06 0.99 0.00	31.89 0.99 0.00	32.46 1.07 0.00	31.86 1.26 0.00	33.85 1.39 0.00	37.05 1.53 0.00	37.03 1.49 0.00	37.09 1.56 0.00	37.60 1.58 0.00	37.01 1.63 0.00	37.02 1.76 0.00	36.75 1.82 0.00	40.77 2.09 0.00	44.08 2.38 0.00	40.12 2.16 0.00	38.43 2.04 0.00	36.10 1.95 0.00	33.21 1.76 0.00	30.99 1.42 0.00	29.75 1.17 0.00
ROTRRDAM_115KV_TB3 80664	32.93 0.80 0.00	31.39 0.71 0.00	31.53 0.71 0.00	30.82 0.69 0.00	30.73 0.66 0.00	31.58 0.68 0.00	32.14 0.75 0.00	31.37 0.77 0.00	33.34 0.88 0.00	36.49 0.96 0.00	36.43 0.89 0.00	36.45 0.92 0.00	36.99 0.97 0.00	36.38 0.99 0.00	36.25 0.99 0.00	35.99 1.05 0.00	39.92 1.24 0.00	43.12 1.42 0.00	39.21 1.25 0.00	37.55 1.16 0.00	35.28 1.13 0.00	32.45 1.01 0.00	30.52 0.95 0.00	29.47 0.89 0.00
RUSSELL___1 23602	30.72 -1.41 0.00	29.49 -1.20 0.00	29.50 -1.33 0.00	28.87 -1.27 0.00	28.86 -1.20 0.00	29.66 -1.24 0.00	30.13 -1.26 0.00	29.08 -1.53 0.00	30.64 -1.82 0.00	33.75 -1.78 0.00	34.12 -1.42 0.00	34.11 -1.42 0.00	34.22 -1.80 0.00	33.47 -1.91 0.00	33.53 -1.73 0.00	33.23 -1.71 0.00	36.71 -1.97 0.00	39.20 -2.50 0.00	35.83 -2.13 0.00	34.50 -1.89 0.00	32.41 -1.74 0.00	29.88 -1.57 0.00	28.24 -1.33 0.00	27.18 -1.40 0.00
RUSSELL___2 23532	30.72 -1.41 0.00	29.49 -1.20 0.00	29.50 -1.33 0.00	28.87 -1.27 0.00	28.86 -1.20 0.00	29.66 -1.24 0.00	30.13 -1.26 0.00	29.08 -1.53 0.00	30.64 -1.82 0.00	33.75 -1.78 0.00	34.12 -1.42 0.00	34.11 -1.42 0.00	34.22 -1.80 0.00	33.47 -1.91 0.00	33.53 -1.73 0.00	33.23 -1.71 0.00	36.71 -1.97 0.00	39.20 -2.50 0.00	35.83 -2.13 0.00	34.50 -1.89 0.00	32.41 -1.74 0.00	29.88 -1.57 0.00	28.24 -1.33 0.00	27.18 -1.40 0.00
RUSSELL___3 23549	30.72 -1.41 0.00	29.49 -1.20 0.00	29.50 -1.33 0.00	28.87 -1.27 0.00	28.86 -1.20 0.00	29.66 -1.24 0.00	30.13 -1.26 0.00	29.08 -1.53 0.00	30.64 -1.82 0.00	33.75 -1.78 0.00	34.12 -1.42 0.00	34.11 -1.42 0.00	34.22 -1.80 0.00	33.47 -1.91 0.00	33.53 -1.73 0.00	33.23 -1.71 0.00	36.71 -1.97 0.00	39.20 -2.50 0.00	35.83 -2.13 0.00	34.50 -1.89 0.00	32.41 -1.74 0.00	29.88 -1.57 0.00	28.24 -1.33 0.00	27.18 -1.40 0.00
RUSSELL___4 23556	30.72 -1.41 0.00	29.49 -1.20 0.00	29.50 -1.33 0.00	28.87 -1.27 0.00	28.86 -1.20 0.00	29.66 -1.24 0.00	30.13 -1.26 0.00	29.08 -1.53 0.00	30.64 -1.82 0.00	33.75 -1.78 0.00	34.12 -1.42 0.00	34.11 -1.42 0.00	34.22 -1.80 0.00	33.47 -1.91 0.00	33.53 -1.73 0.00	33.23 -1.71 0.00	36.71 -1.97 0.00	39.20 -2.50 0.00	35.83 -2.13 0.00	34.50 -1.89 0.00	32.41 -1.74 0.00	29.88 -1.57 0.00	28.24 -1.33 0.00	27.18 -1.40 0.00
RUSSELL___STATION 23914	30.72 -1.41 0.00	29.49 -1.20 0.00	29.50 -1.33 0.00	28.87 -1.27 0.00	28.86 -1.20 0.00	29.66 -1.24 0.00	30.13 -1.26 0.00	29.08 -1.53 0.00	30.64 -1.82 0.00	33.75 -1.78 0.00	34.12 -1.42 0.00	34.11 -1.42 0.00	34.22 -1.80 0.00	33.47 -1.91 0.00	33.53 -1.73 0.00	33.23 -1.71 0.00	36.71 -1.97 0.00	39.20 -2.50 0.00	35.83 -2.13 0.00	34.50 -1.89 0.00	32.41 -1.74 0.00	29.88 -1.57 0.00	28.24 -1.33 0.00	27.18 -1.40 0.00
S SALMON___HYD 24043	31.33 -0.80 0.00	29.92 -0.77 0.00	30.05 -0.77 0.00	29.41 -0.72 0.00	29.31 -0.75 0.00	30.13 -0.77 0.00	30.57 -0.82 0.00	29.81 -0.80 0.00	31.62 -0.84 0.00	34.64 -0.89 0.00	34.72 -0.82 0.00	34.64 -0.89 0.00	35.12 -0.90 0.00	34.47 -0.92 0.00	34.31 -0.95 0.00	34.07 -0.87 0.00	37.64 -1.04 0.00	40.58 -1.12 0.00	36.93 -1.02 0.00	35.48 -0.91 0.00	33.20 -0.96 0.00	30.66 -0.78 0.00	28.92 -0.65 0.00	27.95 -0.63 0.00
S.PERRY___115KV_TB1 80734	31.62 -0.51 0.00	30.35 -0.34 0.00	30.39 -0.43 0.00	29.77 -0.36 0.00	29.79 -0.27 0.00	30.59 -0.31 0.00	31.11 -0.28 0.00	29.94 -0.67 0.00	31.42 -1.04 0.00	34.39 -1.14 0.00	34.69 -0.85 0.00	34.57 -0.96 0.00	34.61 -1.40 0.00	33.72 -1.66 0.00	33.74 -1.52 0.00	33.54 -1.40 0.00	37.26 -1.43 0.00	39.95 -1.75 0.00	36.55 -1.40 0.00	35.19 -1.20 0.00	33.02 -1.13 0.00	30.44 -1.01 0.00	28.68 -0.89 0.00	27.61 -0.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.82 -2.31 0.00	28.81 -1.87 0.00	28.76 -2.07 0.00	28.17 -1.96 0.00	28.23 -1.83 0.00	28.98 -1.92 0.00	29.41 -1.98 0.00	28.04 -2.57 0.00	29.34 -3.12 0.00	32.19 -3.34 0.00	32.70 -2.84 0.00	32.65 -2.88 0.00	32.49 -3.53 0.00	31.60 -3.79 0.00	31.81 -3.46 0.00	31.55 -3.39 0.00	34.66 -4.02 0.00	36.83 -4.88 0.00	33.78 -4.18 0.00	32.72 -3.68 0.00	30.77 -3.38 0.00	28.49 -2.96 0.00	27.09 -2.48 0.00	26.15 -2.43 0.00

SAWYER___23_KV_LOAD 55526	29.82 -2.31 0.00	28.81 -1.87 0.00	28.76 -2.07 0.00	28.17 -1.96 0.00	28.23 -1.83 0.00	28.98 -1.92 0.00	29.41 -1.98 0.00	28.04 -2.57 0.00	29.34 -3.12 0.00	32.19 -3.34 0.00	32.70 -2.84 0.00	32.65 -2.88 0.00	32.49 -3.53 0.00	31.60 -3.79 0.00	31.81 -3.46 0.00	31.55 -3.39 0.00	34.66 -4.02 0.00	36.83 -4.88 0.00	33.78 -4.18 0.00	32.72 -3.68 0.00	30.77 -3.38 0.00	28.49 -2.96 0.00	27.09 -2.48 0.00	26.15 -2.43 0.00
SELKIRK___I 23801	33.16 1.03 0.00	31.64 0.95 0.00	31.78 0.96 0.00	31.03 0.90 0.00	30.97 0.90 0.00	31.80 0.90 0.00	32.36 0.97 0.00	31.53 0.92 0.00	33.50 1.04 0.00	36.66 1.14 0.00	36.46 0.92 0.00	36.52 0.99 0.00	37.03 1.01 0.00	36.41 1.03 0.00	36.36 1.09 0.00	36.06 1.12 0.00	39.89 1.20 0.00	43.08 1.37 0.00	39.21 1.25 0.00	37.59 1.20 0.00	35.31 1.16 0.00	32.52 1.07 0.00	30.52 0.95 0.00	29.50 0.91 0.00
SELKIRK___II 23799	33.03 0.90 0.00	31.51 0.83 0.00	31.65 0.83 0.00	30.91 0.78 0.00	30.85 0.78 0.00	31.70 0.80 0.00	32.24 0.85 0.00	31.46 0.86 0.00	33.43 0.97 0.00	36.56 1.03 0.00	36.36 0.82 0.00	36.42 0.89 0.00	36.92 0.90 0.00	36.30 0.92 0.00	36.25 0.99 0.00	35.95 1.01 0.00	39.81 1.12 0.00	43.00 1.29 0.00	39.13 1.18 0.00	37.52 1.13 0.00	35.24 1.09 0.00	32.45 1.01 0.00	30.46 0.89 0.00	29.44 0.86 0.00
SENECA OSWGO___HYD 24041	31.01 -1.13 0.00	29.61 -1.07 0.00	29.74 -1.08 0.00	29.11 -1.02 0.00	29.04 -1.02 0.00	29.82 -1.08 0.00	30.32 -1.07 0.00	29.51 -1.10 0.00	31.29 -1.17 0.00	34.28 -1.24 0.00	34.40 -1.14 0.00	34.36 -1.17 0.00	34.83 -1.19 0.00	34.22 -1.17 0.00	34.03 -1.24 0.00	33.79 -1.15 0.00	37.37 -1.32 0.00	40.29 -1.42 0.00	36.70 -1.25 0.00	35.22 -1.17 0.00	33.03 -1.13 0.00	30.47 -0.98 0.00	28.74 -0.83 0.00	27.81 -0.77 0.00
SENECA___115KV_TB3 355854	30.23 -1.90 0.00	29.18 -1.50 0.00	29.16 -1.66 0.00	28.56 -1.57 0.00	28.65 -1.41 0.00	29.38 -1.51 0.00	29.82 -1.57 0.00	28.44 -2.17 0.00	29.77 -2.69 0.00	32.58 -2.95 0.00	33.09 -2.45 0.00	33.04 -2.49 0.00	32.89 -3.13 0.00	31.99 -3.40 0.00	32.16 -3.10 0.00	31.86 -3.07 0.00	35.09 -3.60 0.00	37.33 -4.38 0.00	34.24 -3.72 0.00	33.12 -3.28 0.00	31.18 -2.97 0.00	28.87 -2.58 0.00	27.41 -2.16 0.00	26.44 -2.14 0.00
SENECA___ENERGY 23797	31.17 -0.96 0.00	29.76 -0.92 0.00	29.90 -0.92 0.00	29.26 -0.87 0.00	29.19 -0.87 0.00	30.03 -0.86 0.00	30.54 -0.85 0.00	29.60 -1.01 0.00	31.32 -1.14 0.00	34.32 -1.21 0.00	34.54 -0.99 0.00	34.32 -1.21 0.00	34.79 -1.22 0.00	34.15 -1.24 0.00	33.92 -1.34 0.00	33.71 -1.22 0.00	37.33 -1.36 0.00	40.20 -1.50 0.00	36.67 -1.29 0.00	35.22 -1.17 0.00	33.03 -1.13 0.00	30.47 -0.98 0.00	28.56 -1.01 0.00	27.73 -0.86 0.00
SHOEMAKER___GT 23640	33.25 1.12 0.00	31.67 0.98 0.00	31.75 0.92 0.00	31.01 0.87 0.00	30.91 0.84 0.00	31.76 0.86 0.00	32.30 0.91 0.00	31.65 1.04 0.00	33.63 1.17 0.00	36.77 1.24 0.00	36.75 1.21 0.00	36.77 1.24 0.00	37.31 1.29 0.00	36.73 1.34 0.00	36.71 1.45 0.00	36.47 1.54 0.00	40.47 1.78 0.00	43.75 2.04 0.00	39.82 1.86 0.00	38.14 1.75 0.00	35.82 1.67 0.00	32.96 1.51 0.00	30.75 1.18 0.00	29.58 1.00 0.00
SHOEMAKR_138KV_BK 111 55601	33.19 1.06 0.00	31.60 0.92 0.00	31.68 0.86 0.00	30.95 0.81 0.00	30.85 0.78 0.00	31.70 0.80 0.00	32.27 0.88 0.00	31.62 1.01 0.00	33.63 1.17 0.00	36.77 1.24 0.00	36.75 1.21 0.00	36.74 1.21 0.00	37.32 1.30 0.00	36.77 1.38 0.00	36.71 1.45 0.00	36.48 1.54 0.00	40.47 1.78 0.00	43.75 2.04 0.00	39.78 1.82 0.00	38.14 1.75 0.00	35.82 1.67 0.00	32.99 1.54 0.00	30.87 1.30 0.00	29.75 1.17 0.00
SHOREHAM_IC_1 23715	34.64 2.51 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.38 2.92 0.00	38.73 3.20 0.00	38.81 3.27 0.00	38.87 3.34 0.00	40.26 3.42 0.00	41.55 3.47 0.00	40.44 3.67 0.00	44.97 3.81 0.00	48.40 4.33 0.00	49.67 4.88 0.00	47.88 4.36 0.00	45.90 4.11 0.00	40.42 3.82 0.00	35.60 3.52 0.00	32.38 2.81 0.00	30.78 2.20 0.00
SHOREHAM_IC_2 23716	34.64 2.51 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.38 2.92 0.00	38.73 3.20 0.00	38.81 3.27 0.00	38.87 3.34 0.00	40.26 3.42 0.00	41.55 3.47 0.00	40.44 3.67 0.00	44.97 3.81 0.00	48.40 4.33 0.00	49.67 4.88 0.00	47.88 4.36 0.00	45.90 4.11 0.00	40.42 3.82 0.00	35.60 3.52 0.00	32.38 2.81 0.00	30.78 2.20 0.00
SISSONVILLE____ 23735	32.29 0.16 0.00	30.84 0.15 0.00	31.07 0.25 0.00	30.34 0.21 0.00	30.31 0.24 0.00	31.05 0.15 0.00	31.42 0.03 0.00	30.64 0.03 0.00	32.52 0.06 0.00	35.60 0.07 0.00	35.61 0.07 0.00	35.60 0.07 0.00	35.91 -0.11 0.00	35.24 -0.14 0.00	35.05 -0.21 0.00	34.52 -0.42 0.00	38.26 -0.43 0.00	41.16 -0.54 0.00	37.39 -0.57 0.00	35.77 -0.62 0.00	33.50 -0.65 0.00	30.76 -0.69 0.00	29.07 -0.50 0.00	28.27 -0.31 0.00
SITHE_IND_GS1 24169	30.75 -1.38 0.00	29.40 -1.29 0.00	29.53 -1.29 0.00	28.89 -1.24 0.00	28.83 -1.23 0.00	29.60 -1.30 0.00	30.07 -1.32 0.00	29.29 -1.32 0.00	31.03 -1.43 0.00	33.97 -1.56 0.00	34.05 -1.49 0.00	34.00 -1.53 0.00	34.47 -1.55 0.00	33.87 -1.52 0.00	33.71 -1.55 0.00	33.44 -1.50 0.00	37.02 -1.66 0.00	39.83 -1.88 0.00	36.32 -1.63 0.00	34.86 -1.53 0.00	32.68 -1.47 0.00	30.16 -1.29 0.00	28.53 -1.04 0.00	27.61 -0.97 0.00
SITHE_IND_GS2 24170	30.75 -1.38 0.00	29.40 -1.29 0.00	29.53 -1.29 0.00	28.89 -1.24 0.00	28.83 -1.23 0.00	29.60 -1.30 0.00	30.07 -1.32 0.00	29.29 -1.32 0.00	31.03 -1.43 0.00	33.97 -1.56 0.00	34.05 -1.49 0.00	34.00 -1.53 0.00	34.47 -1.55 0.00	33.87 -1.52 0.00	33.71 -1.55 0.00	33.44 -1.50 0.00	37.02 -1.66 0.00	39.83 -1.88 0.00	36.32 -1.63 0.00	34.86 -1.53 0.00	32.68 -1.47 0.00	30.16 -1.29 0.00	28.53 -1.04 0.00	27.61 -0.97 0.00
SITHE_IND_GS3 24171	30.75 -1.38 0.00	29.40 -1.29 0.00	29.53 -1.29 0.00	28.89 -1.24 0.00	28.83 -1.23 0.00	29.60 -1.30 0.00	30.07 -1.32 0.00	29.29 -1.32 0.00	31.03 -1.43 0.00	33.97 -1.56 0.00	34.05 -1.49 0.00	34.00 -1.53 0.00	34.47 -1.55 0.00	33.87 -1.52 0.00	33.71 -1.55 0.00	33.44 -1.50 0.00	37.02 -1.66 0.00	39.83 -1.88 0.00	36.32 -1.63 0.00	34.86 -1.53 0.00	32.68 -1.47 0.00	30.16 -1.29 0.00	28.53 -1.04 0.00	27.61 -0.97 0.00
SITHE_IND_GS4 24172	30.75 -1.38 0.00	29.40 -1.29 0.00	29.53 -1.29 0.00	28.89 -1.24 0.00	28.83 -1.23 0.00	29.60 -1.30 0.00	30.07 -1.32 0.00	29.29 -1.32 0.00	31.03 -1.43 0.00	33.97 -1.56 0.00	34.05 -1.49 0.00	34.00 -1.53 0.00	34.47 -1.55 0.00	33.87 -1.52 0.00	33.71 -1.55 0.00	33.44 -1.50 0.00	37.02 -1.66 0.00	39.83 -1.88 0.00	36.32 -1.63 0.00	34.86 -1.53 0.00	32.68 -1.47 0.00	30.16 -1.29 0.00	28.53 -1.04 0.00	27.61 -0.97 0.00

SITHE___BATAVIA 24024	30.46 -1.67 0.00	29.18 -1.50 0.00	29.31 -1.51 0.00	28.69 -1.45 0.00	28.65 -1.41 0.00	29.51 -1.39 0.00	29.91 -1.47 0.00	28.65 -1.96 0.00	30.16 -2.30 0.00	33.22 -2.31 0.00	33.69 -1.85 0.00	33.01 -2.52 0.00	33.57 -2.45 0.00	32.94 -2.44 0.00	32.51 -2.75 0.00	32.56 -2.38 0.00	35.98 -2.71 0.00	38.29 -3.42 0.00	35.03 -2.92 0.00	33.88 -2.51 0.00	31.86 -2.29 0.00	29.40 -2.04 0.00	27.41 -2.16 0.00	26.92 -1.66 0.00
SITHE___INDEPEND 23800	30.75 -1.38 0.00	29.43 -1.26 0.00	29.53 -1.29 0.00	28.90 -1.24 0.00	28.86 -1.20 0.00	29.63 -1.27 0.00	30.10 -1.29 0.00	29.32 -1.29 0.00	31.03 -1.43 0.00	33.96 -1.56 0.00	34.05 -1.49 0.00	34.07 -1.46 0.00	34.47 -1.55 0.00	33.83 -1.56 0.00	33.74 -1.52 0.00	33.44 -1.50 0.00	37.02 -1.66 0.00	39.83 -1.88 0.00	36.32 -1.63 0.00	34.86 -1.53 0.00	32.68 -1.47 0.00	30.13 -1.32 0.00	28.39 -1.18 0.00	27.44 -1.14 0.00
SITHE___MASSENA 23902	32.71 0.58 0.00	31.27 0.58 0.00	31.47 0.65 0.00	30.73 0.60 0.00	30.70 0.63 0.00	31.55 0.65 0.00	31.92 0.53 0.00	31.13 0.52 0.00	32.98 0.52 0.00	36.09 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.52 0.50 0.00	35.88 0.50 0.00	35.72 0.46 0.00	35.25 0.31 0.00	38.99 0.31 0.00	41.96 0.25 0.00	38.18 0.23 0.00	36.54 0.15 0.00	34.25 0.10 0.00	31.45 0.00 0.00	29.63 0.06 0.00	28.76 0.17 0.00
SITHE___OGDNSBRG 24021	33.03 0.90 0.00	31.57 0.89 0.00	31.78 0.96 0.00	31.07 0.93 0.00	31.00 0.93 0.00	31.83 0.93 0.00	32.24 0.85 0.00	31.43 0.83 0.00	33.34 0.88 0.00	36.49 0.96 0.00	36.53 1.00 0.00	36.52 0.99 0.00	36.88 0.86 0.00	36.20 0.81 0.00	36.04 0.78 0.00	35.53 0.59 0.00	39.38 0.70 0.00	42.41 0.71 0.00	38.53 0.57 0.00	36.86 0.47 0.00	34.53 0.38 0.00	31.67 0.22 0.00	29.87 0.30 0.00	28.98 0.40 0.00
SITHE___STERLING 23777	32.58 0.45 0.00	31.08 0.40 0.00	31.25 0.43 0.00	30.58 0.45 0.00	30.49 0.42 0.00	31.36 0.46 0.00	31.92 0.53 0.00	31.13 0.52 0.00	33.04 0.58 0.00	36.17 0.64 0.00	36.29 0.75 0.00	36.20 0.67 0.00	36.74 0.72 0.00	36.02 0.64 0.00	35.90 0.64 0.00	35.57 0.63 0.00	39.38 0.70 0.00	42.46 0.75 0.00	38.60 0.64 0.00	37.05 0.66 0.00	34.70 0.54 0.00	31.92 0.47 0.00	29.98 0.41 0.00	29.01 0.43 0.00
SLEIGHT__34_KV_TB1 80719	30.78 -1.35 0.00	29.49 -1.20 0.00	29.53 -1.29 0.00	28.90 -1.24 0.00	28.89 -1.17 0.00	29.66 -1.24 0.00	30.17 -1.22 0.00	29.23 -1.38 0.00	30.87 -1.59 0.00	33.96 -1.56 0.00	34.26 -1.28 0.00	34.28 -1.24 0.00	34.51 -1.51 0.00	33.76 -1.63 0.00	33.74 -1.52 0.00	33.44 -1.50 0.00	36.98 -1.70 0.00	39.62 -2.09 0.00	36.17 -1.78 0.00	34.79 -1.60 0.00	32.61 -1.54 0.00	30.06 -1.38 0.00	28.33 -1.24 0.00	27.30 -1.29 0.00
SOUTH CAIRO___GT 23612	34.44 2.31 0.00	32.80 2.12 0.00	32.92 2.10 0.00	32.15 2.02 0.00	32.08 2.01 0.00	32.97 2.07 0.00	33.52 2.13 0.00	32.66 2.05 0.00	34.80 2.34 0.00	37.91 2.38 0.00	37.53 1.99 0.00	37.45 1.92 0.00	38.04 2.02 0.00	37.47 2.09 0.00	37.48 2.22 0.00	37.35 2.41 0.00	41.47 2.79 0.00	45.00 3.29 0.00	40.84 2.88 0.00	39.08 2.69 0.00	36.64 2.49 0.00	33.81 2.36 0.00	31.67 2.10 0.00	30.61 2.03 0.00
SOUTH HAMPTN___IC 23720	34.70 2.57 0.00	32.96 2.27 0.00	32.67 1.85 0.00	31.88 1.75 0.00	31.75 1.68 0.00	32.66 1.76 0.00	33.46 2.07 0.00	33.27 2.66 0.00	35.48 3.02 0.00	38.83 3.30 0.00	38.84 3.31 0.00	38.91 3.38 -0.01	40.30 3.46 -0.82	41.58 3.50 -2.69	40.48 3.70 -1.51	45.00 3.84 -6.21	48.44 4.37 -5.38	49.71 4.92 -3.09	47.84 4.33 -5.55	45.90 4.11 -5.40	40.42 3.82 -2.44	35.57 3.49 -0.63	32.32 2.75 0.00	30.81 2.23 0.00
SOUTHDOW_115KV_TB1 355954	31.13 -1.00 0.00	30.10 -0.58 0.00	30.14 -0.68 0.00	29.59 -0.54 0.00	29.70 -0.36 0.00	30.44 -0.46 0.00	30.79 -0.60 0.00	29.32 -1.29 0.00	30.58 -1.88 0.00	33.32 -2.20 0.00	33.73 -1.81 0.00	33.68 -1.85 0.00	33.46 -2.56 0.00	32.41 -2.97 0.00	32.55 -2.72 0.00	32.25 -2.69 0.00	35.55 -3.13 0.00	37.99 -3.71 0.00	34.84 -3.11 0.00	33.77 -2.62 0.00	31.76 -2.39 0.00	29.34 -2.11 0.00	27.77 -1.80 0.00	26.78 -1.80 0.00
SOUTHOLD_69_KV_BK 2 55809	34.70 2.57 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.85 1.72 0.00	31.72 1.65 0.00	32.72 1.82 0.00	33.49 2.10 0.00	33.33 2.72 0.00	35.58 3.12 0.00	38.87 3.34 0.00	38.74 3.20 0.00	38.73 3.20 -0.01	40.15 3.31 -0.82	41.48 3.40 -2.69	40.37 3.60 -1.51	44.89 3.74 -6.22	48.40 4.33 -5.38	49.67 4.88 -3.09	47.72 4.21 -5.56	45.75 3.97 -5.40	40.28 3.69 -2.44	35.45 3.36 -0.63	32.41 2.84 0.00	31.13 2.54 0.00
SOUTHOLD___IC 23719	34.73 2.60 0.00	32.92 2.24 0.00	32.67 1.85 0.00	31.88 1.75 0.00	31.78 1.71 0.00	32.69 1.79 0.00	33.53 2.14 0.00	33.39 2.79 0.00	35.58 3.12 0.00	38.87 3.34 0.00	38.74 3.20 0.00	38.77 3.23 -0.01	40.15 3.31 -0.82	41.44 3.36 -2.69	40.37 3.60 -1.51	44.93 3.77 -6.22	48.40 4.33 -5.38	49.67 4.88 -3.09	47.72 4.21 -5.56	45.75 3.97 -5.40	40.25 3.66 -2.44	35.41 3.33 -0.63	32.14 2.57 0.00	30.75 2.17 0.00
SOUTH_FORK_WT_PWR 323839	34.41 2.28 0.00	32.65 1.97 0.00	32.36 1.54 0.00	31.64 1.51 0.00	31.54 1.47 0.00	32.44 1.54 0.00	33.27 1.88 0.00	33.15 2.54 0.00	35.32 2.86 0.00	38.51 2.98 0.00	38.28 2.74 0.00	38.31 2.77 -0.01	39.68 2.84 -0.82	40.98 2.90 -2.69	39.91 3.14 -1.51	44.47 3.32 -6.22	47.90 3.83 -5.38	49.13 4.34 -3.09	47.19 3.68 -5.56	45.25 3.46 -5.40	39.77 3.18 -2.44	34.97 2.89 -0.63	31.73 2.16 0.00	30.44 1.86 0.00
SPIERFLS_115KV_TB 1 80737	32.90 0.77 0.00	31.30 0.61 0.00	31.44 0.62 0.00	30.70 0.57 0.00	30.61 0.54 0.00	31.49 0.59 0.00	32.11 0.72 0.00	31.34 0.73 0.00	33.40 0.94 0.00	36.59 1.07 0.00	36.60 1.07 0.00	36.63 1.10 0.00	37.14 1.12 0.00	36.52 1.13 0.00	36.42 1.16 0.00	36.16 1.22 0.00	40.16 1.47 0.00	43.46 1.75 0.00	39.44 1.48 0.00	37.74 1.35 0.00	35.45 1.30 0.00	32.52 1.07 0.00	31.20 1.63 0.00	30.07 1.49 0.00
ST LAWRENCE____ 23600	32.36 0.23 0.00	30.90 0.22 0.00	31.10 0.28 0.00	30.37 0.24 0.00	30.34 0.27 0.00	31.18 0.28 0.00	31.58 0.19 0.00	30.79 0.18 0.00	32.66 0.20 0.00	35.71 0.18 0.00	35.75 0.21 0.00	35.74 0.21 0.00	36.20 0.18 0.00	35.53 0.14 0.00	35.37 0.11 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.58 -0.12 0.00	37.80 -0.15 0.00	36.17 -0.22 0.00	33.95 -0.20 0.00	31.20 -0.25 0.00	29.36 -0.21 0.00	28.47 -0.11 0.00
STATE_CA_115KV_115_LB 55624	33.26 1.12 0.00	31.70 1.01 0.00	31.81 0.99 0.00	31.10 0.96 0.00	31.00 0.93 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.65 1.04 0.00	33.66 1.20 0.00	36.84 1.31 0.00	36.53 1.00 0.00	36.52 0.99 0.00	37.10 1.08 0.00	36.52 1.13 0.00	36.39 1.13 0.00	36.16 1.22 0.00	40.00 1.32 0.00	43.25 1.54 0.00	39.32 1.37 0.00	37.70 1.31 0.00	35.45 1.30 0.00	32.71 1.26 0.00	30.72 1.15 0.00	29.73 1.14 0.00

STATE_ST_34_KV_LOAD 55959	31.58 -0.55 0.00	30.19 -0.49 0.00	30.30 -0.52 0.00	29.65 -0.48 0.00	29.58 -0.48 0.00	30.40 -0.49 0.00	30.95 -0.44 0.00	30.09 -0.52 0.00	31.88 -0.58 0.00	34.92 -0.60 0.00	35.15 -0.39 0.00	35.10 -0.43 0.00	35.51 -0.50 0.00	34.78 -0.60 0.00	34.73 -0.53 0.00	34.41 -0.52 0.00	38.11 -0.58 0.00	41.04 -0.67 0.00	37.42 -0.53 0.00	35.92 -0.47 0.00	33.67 -0.48 0.00	31.01 -0.44 0.00	29.13 -0.44 0.00	28.10 -0.49 0.00
STATION 5_MISC_HYD 23604	30.56 -1.57 0.00	29.24 -1.44 0.00	29.34 -1.48 0.00	28.72 -1.42 0.00	28.68 -1.38 0.00	29.51 -1.39 0.00	29.95 -1.44 0.00	28.90 -1.71 0.00	30.51 -1.95 0.00	33.57 -1.95 0.00	33.94 -1.60 0.00	33.47 -2.06 0.00	34.04 -1.98 0.00	33.44 -1.95 0.00	33.07 -2.19 0.00	33.02 -1.92 0.00	36.48 -2.20 0.00	38.95 -2.75 0.00	35.60 -2.35 0.00	34.32 -2.07 0.00	32.21 -1.95 0.00	29.75 -1.70 0.00	27.85 -1.72 0.00	27.18 -1.40 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.10 -1.03 0.00	29.83 -0.86 0.00	29.87 -0.96 0.00	29.23 -0.90 0.00	29.22 -0.84 0.00	30.00 -0.90 0.00	30.51 -0.88 0.00	29.54 -1.07 0.00	31.16 -1.30 0.00	34.28 -1.24 0.00	34.61 -0.92 0.00	34.57 -0.96 0.00	34.76 -1.26 0.00	34.01 -1.38 0.00	34.03 -1.23 0.00	33.71 -1.22 0.00	37.26 -1.43 0.00	39.95 -1.75 0.00	36.48 -1.48 0.00	35.08 -1.31 0.00	32.89 -1.26 0.00	30.32 -1.13 0.00	28.56 -1.01 0.00	27.53 -1.06 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.46 -1.67 0.00	29.24 -1.44 0.00	29.25 -1.57 0.00	28.66 -1.48 0.00	28.65 -1.41 0.00	29.42 -1.48 0.00	29.91 -1.48 0.00	28.86 -1.74 0.00	30.42 -2.04 0.00	33.47 -2.06 0.00	33.83 -1.71 0.00	33.82 -1.71 0.00	33.97 -2.05 0.00	33.19 -2.19 0.00	33.25 -2.01 0.00	32.95 -1.99 0.00	36.40 -2.28 0.00	38.91 -2.79 0.00	35.56 -2.39 0.00	34.24 -2.15 0.00	32.14 -2.01 0.00	29.62 -1.82 0.00	28.00 -1.57 0.00	26.98 -1.60 0.00
STA_56___34_KV_BUS2 355983	30.46 -1.67 0.00	29.24 -1.44 0.00	29.25 -1.57 0.00	28.66 -1.48 0.00	28.65 -1.41 0.00	29.42 -1.48 0.00	29.91 -1.48 0.00	28.86 -1.74 0.00	30.42 -2.04 0.00	33.47 -2.06 0.00	33.83 -1.71 0.00	33.82 -1.71 0.00	33.97 -2.05 0.00	33.19 -2.19 0.00	33.25 -2.01 0.00	32.95 -1.99 0.00	36.40 -2.28 0.00	38.91 -2.79 0.00	35.56 -2.39 0.00	34.24 -2.15 0.00	32.14 -2.01 0.00	29.62 -1.82 0.00	28.00 -1.57 0.00	26.98 -1.60 0.00
STA_67___115KV_BK2 355882	30.52 -1.61 0.00	29.33 -1.35 0.00	29.31 -1.51 0.00	28.69 -1.45 0.00	28.71 -1.35 0.00	29.48 -1.42 0.00	29.98 -1.41 0.00	28.89 -1.71 0.00	30.45 -2.01 0.00	33.50 -2.03 0.00	33.83 -1.71 0.00	33.82 -1.71 0.00	33.97 -2.05 0.00	33.19 -2.19 0.00	33.25 -2.01 0.00	32.95 -1.99 0.00	36.40 -2.28 0.00	38.87 -2.84 0.00	35.53 -2.43 0.00	34.21 -2.18 0.00	32.14 -2.01 0.00	29.66 -1.79 0.00	28.03 -1.54 0.00	27.01 -1.57 0.00
STA_7___115KV_9TRANS 80674	30.72 -1.41 0.00	29.49 -1.20 0.00	29.50 -1.33 0.00	28.87 -1.27 0.00	28.86 -1.20 0.00	29.66 -1.24 0.00	30.13 -1.26 0.00	29.08 -1.53 0.00	30.64 -1.82 0.00	33.75 -1.78 0.00	34.12 -1.42 0.00	34.11 -1.42 0.00	34.22 -1.80 0.00	33.47 -1.91 0.00	33.53 -1.73 0.00	33.23 -1.71 0.00	36.71 -1.97 0.00	39.20 -2.50 0.00	35.83 -2.13 0.00	34.50 -1.89 0.00	32.41 -1.74 0.00	29.88 -1.57 0.00	28.24 -1.33 0.00	27.18 -1.40 0.00
STA_82___115KV_TB1 80780	30.52 -1.61 0.00	29.33 -1.35 0.00	29.31 -1.51 0.00	28.72 -1.42 0.00	28.71 -1.35 0.00	29.48 -1.42 0.00	29.98 -1.41 0.00	28.89 -1.71 0.00	30.45 -2.01 0.00	33.50 -2.03 0.00	33.87 -1.67 0.00	33.86 -1.67 0.00	33.97 -2.05 0.00	33.19 -2.19 0.00	33.25 -2.01 0.00	32.95 -1.99 0.00	36.40 -2.28 0.00	38.87 -2.84 0.00	35.53 -2.43 0.00	34.24 -2.15 0.00	32.14 -2.01 0.00	29.66 -1.79 0.00	28.03 -1.54 0.00	27.01 -1.57 0.00
STEEL___WIND 323596	30.17 -1.96 0.00	28.94 -1.75 0.00	29.13 -1.70 0.00	28.50 -1.63 0.00	28.50 -1.56 0.00	29.32 -1.57 0.00	29.69 -1.70 0.00	28.31 -2.30 0.00	29.73 -2.73 0.00	32.54 -2.98 0.00	33.05 -2.49 0.00	32.33 -3.20 0.00	32.85 -3.17 0.00	32.20 -3.18 0.00	31.74 -3.53 0.00	31.79 -3.14 0.00	35.05 -3.64 0.00	37.24 -4.46 0.00	34.12 -3.83 0.00	33.08 -3.31 0.00	31.15 -3.01 0.00	28.84 -2.61 0.00	26.85 -2.72 0.00	26.47 -2.11 0.00
STEPHTWN_115KV_BK_2 55603	33.54 1.41 0.00	31.94 1.26 0.00	32.05 1.23 0.00	31.34 1.21 0.00	31.24 1.17 0.00	32.13 1.24 0.00	32.71 1.32 0.00	31.92 1.32 0.00	33.95 1.49 0.00	37.20 1.67 0.00	36.89 1.35 0.00	36.84 1.31 0.00	37.42 1.40 0.00	36.84 1.45 0.00	36.74 1.48 0.00	36.48 1.54 0.00	40.39 1.70 0.00	43.66 1.96 0.00	39.70 1.75 0.00	38.06 1.67 0.00	35.79 1.64 0.00	32.99 1.54 0.00	30.96 1.39 0.00	29.95 1.37 0.00
STEUBEN_REC_LFGE 323667	31.39 -0.74 0.00	30.22 -0.46 0.00	30.33 -0.49 0.00	29.71 -0.42 0.00	29.76 -0.30 0.00	30.53 -0.37 0.00	30.95 -0.44 0.00	29.60 -1.01 0.00	30.90 -1.56 0.00	33.54 -1.99 0.00	33.80 -1.74 0.00	33.57 -1.95 0.00	33.50 -2.52 0.00	32.59 -2.80 0.00	32.44 -2.82 0.00	32.07 -2.86 0.00	35.48 -3.21 0.00	38.16 -3.54 0.00	34.92 -3.04 0.00	33.66 -2.73 0.00	31.62 -2.53 0.00	29.18 -2.26 0.00	27.50 -2.07 0.00	26.50 -2.09 0.00
STILLWATER___SOLAR 323814	33.45 1.32 0.00	31.85 1.17 0.00	31.96 1.14 0.00	31.25 1.12 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.61 1.22 0.00	31.83 1.23 0.00	33.85 1.39 0.00	37.05 1.53 0.00	37.03 1.49 0.00	37.13 1.60 0.00	37.60 1.58 0.00	36.98 1.59 0.00	36.88 1.62 0.00	36.61 1.68 0.00	40.62 1.93 0.00	43.91 2.21 0.00	39.93 1.97 0.00	38.25 1.85 0.00	35.89 1.74 0.00	32.96 1.51 0.00	30.84 1.27 0.00	29.75 1.17 0.00
STONY___BROOK 24151	34.47 2.34 0.00	32.74 2.06 0.00	32.48 1.66 0.00	31.67 1.54 0.00	31.54 1.47 0.00	32.44 1.54 0.00	33.18 1.79 0.00	33.00 2.39 0.00	35.22 2.76 0.00	38.55 3.02 0.00	38.70 3.16 0.00	38.77 3.23 -0.01	40.16 3.31 -0.82	41.45 3.36 -2.71	40.31 3.53 -1.52	44.84 3.67 -6.24	48.23 4.14 -5.40	49.48 4.67 -3.10	47.71 4.18 -5.58	45.77 3.97 -5.42	40.30 3.69 -2.45	35.48 3.40 -0.64	32.26 2.69 0.00	30.70 2.12 0.00
STURGEON_POOL_HYD 23609	34.19 2.06 0.00	32.49 1.81 0.00	32.55 1.73 0.00	31.76 1.63 0.00	31.69 1.62 0.00	32.57 1.67 0.00	33.12 1.73 0.00	32.51 1.90 0.00	34.63 2.17 0.00	37.80 2.27 0.00	37.74 2.20 0.00	37.73 2.20 0.00	38.32 2.31 0.00	37.83 2.44 0.00	37.87 2.61 0.00	37.63 2.69 0.00	41.82 3.13 0.00	45.33 3.63 0.00	41.18 3.23 0.00	39.45 3.06 0.00	36.99 2.83 0.00	34.06 2.61 0.00	31.79 2.22 0.00	30.61 2.03 0.00
ST_LAW_115_BK7_LBMP 345037	32.39 0.26 0.00	30.93 0.24 0.00	31.13 0.31 0.00	30.40 0.27 0.00	30.37 0.30 0.00	31.21 0.31 0.00	31.61 0.22 0.00	30.79 0.18 0.00	32.66 0.20 0.00	35.74 0.21 0.00	35.75 0.21 0.00	35.74 0.21 0.00	36.20 0.18 0.00	35.53 0.14 0.00	35.37 0.11 0.00	34.94 0.00 0.00	38.65 -0.04 0.00	41.58 -0.12 0.00	37.80 -0.15 0.00	36.21 -0.18 0.00	33.95 -0.20 0.00	31.20 -0.25 0.00	29.36 -0.21 0.00	28.47 -0.11 0.00

ST_LAW_115_BK8_LBMP 345038	32.39 0.26 0.00	30.93 0.24 0.00	31.13 0.31 0.00	30.40 0.27 0.00	30.37 0.30 0.00	31.21 0.31 0.00	31.61 0.22 0.00	30.79 0.18 0.00	32.66 0.20 0.00	35.74 0.21 0.00	35.75 0.21 0.00	35.74 0.21 0.00	36.20 0.18 0.00	35.53 0.14 0.00	35.37 0.11 0.00	34.94 0.00 0.00	38.65 -0.04 0.00	41.58 -0.12 0.00	37.80 -0.15 0.00	36.21 -0.18 0.00	33.95 -0.20 0.00	31.20 -0.25 0.00	29.36 -0.21 0.00	28.47 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	32.36 0.23 0.00	30.90 0.22 0.00	31.10 0.28 0.00	30.37 0.24 0.00	30.34 0.27 0.00	31.18 0.28 0.00	31.58 0.19 0.00	30.79 0.18 0.00	32.66 0.20 0.00	35.71 0.18 0.00	35.75 0.21 0.00	35.74 0.21 0.00	36.20 0.18 0.00	35.53 0.14 0.00	35.37 0.11 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.58 -0.12 0.00	37.80 -0.15 0.00	36.17 -0.22 0.00	33.95 -0.20 0.00	31.20 -0.25 0.00	29.36 -0.21 0.00	28.47 -0.11 0.00
ST_LAW_230_BK6_LBMP 345036	32.36 0.23 0.00	30.90 0.22 0.00	31.10 0.28 0.00	30.37 0.24 0.00	30.34 0.27 0.00	31.18 0.28 0.00	31.58 0.19 0.00	30.79 0.18 0.00	32.66 0.20 0.00	35.71 0.18 0.00	35.75 0.21 0.00	35.74 0.21 0.00	36.20 0.18 0.00	35.53 0.14 0.00	35.37 0.11 0.00	34.90 -0.03 0.00	38.65 -0.04 0.00	41.58 -0.12 0.00	37.80 -0.15 0.00	36.17 -0.22 0.00	33.95 -0.20 0.00	31.20 -0.25 0.00	29.36 -0.21 0.00	28.47 -0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.32 1.19 0.00	31.70 1.01 0.00	31.78 0.96 0.00	31.04 0.90 0.00	30.94 0.87 0.00	31.79 0.90 0.00	32.36 0.97 0.00	31.74 1.13 0.00	33.76 1.30 0.00	36.95 1.42 0.00	36.92 1.39 0.00	36.91 1.39 0.00	37.50 1.48 0.00	36.98 1.59 0.00	36.92 1.66 0.00	36.65 1.71 0.00	40.66 1.97 0.00	44.00 2.29 0.00	40.01 2.05 0.00	38.32 1.93 0.00	36.00 1.84 0.00	33.15 1.70 0.00	31.02 1.45 0.00	29.90 1.31 0.00
SWANROAD_115KV_TB1 355699	29.14 -2.99 0.00	28.17 -2.52 0.00	28.08 -2.74 0.00	27.51 -2.62 0.00	27.57 -2.50 0.00	28.30 -2.60 0.00	28.75 -2.64 0.00	27.36 -3.24 0.00	28.66 -3.80 0.00	31.44 -4.09 0.00	31.95 -3.59 0.00	31.90 -3.62 0.00	31.73 -4.29 0.00	30.89 -4.49 0.00	31.10 -4.16 0.00	30.82 -4.12 0.00	33.89 -4.80 0.00	35.91 -5.80 0.00	32.98 -4.97 0.00	31.91 -4.48 0.00	30.05 -4.10 0.00	27.83 -3.62 0.00	26.49 -3.08 0.00	25.58 -3.00 0.00
SYNERGY___BIOGAS 323694	30.46 -1.67 0.00	29.18 -1.50 0.00	29.31 -1.51 0.00	28.69 -1.45 0.00	28.65 -1.41 0.00	29.51 -1.39 0.00	29.91 -1.47 0.00	28.65 -1.96 0.00	30.16 -2.30 0.00	33.22 -2.31 0.00	33.69 -1.85 0.00	33.01 -2.52 0.00	33.57 -2.45 0.00	32.94 -2.44 0.00	32.51 -2.75 0.00	32.56 -2.38 0.00	35.98 -2.71 0.00	38.29 -3.42 0.00	35.03 -2.92 0.00	33.88 -2.51 0.00	31.86 -2.29 0.00	29.40 -2.04 0.00	27.41 -2.16 0.00	26.92 -1.66 0.00
SYRACUSE___ENERGY_ST1 323597	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.76 -0.63 0.00	29.97 -0.64 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.68 -0.71 0.00	34.56 -0.71 0.00	34.27 -0.66 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.23 -0.72 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.04 -0.54 0.00
SYRACUSE___ENERGY_ST2 323598	31.46 -0.67 0.00	30.07 -0.61 0.00	30.17 -0.65 0.00	29.53 -0.60 0.00	29.46 -0.60 0.00	30.28 -0.62 0.00	30.76 -0.63 0.00	29.97 -0.64 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.93 -0.60 0.00	34.92 -0.60 0.00	35.33 -0.68 0.00	34.68 -0.71 0.00	34.56 -0.71 0.00	34.27 -0.66 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.23 -0.72 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.88 -0.57 0.00	29.04 -0.53 0.00	28.04 -0.54 0.00
SYRACUSE___POWER 24017	31.46 -0.67 0.00	30.04 -0.64 0.00	30.17 -0.65 0.00	29.50 -0.63 0.00	29.46 -0.60 0.00	30.25 -0.65 0.00	30.76 -0.63 0.00	29.94 -0.67 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.90 -0.64 0.00	34.89 -0.64 0.00	35.30 -0.72 0.00	34.64 -0.74 0.00	34.56 -0.71 0.00	34.24 -0.70 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.20 -0.76 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.85 -0.60 0.00	29.01 -0.56 0.00	28.01 -0.57 0.00
TALLMAN___138KV_BK151 55660	33.38 1.25 0.00	31.79 1.10 0.00	31.84 1.02 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.83 0.93 0.00	32.43 1.04 0.00	31.83 1.22 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.07 1.53 0.00	37.06 1.53 0.00	37.68 1.66 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.79 1.85 0.00	40.85 2.17 0.00	44.21 2.50 0.00	40.20 2.24 0.00	38.50 2.11 0.00	36.17 2.01 0.00	33.30 1.86 0.00	31.14 1.57 0.00	30.01 1.43 0.00
TEALLAVE_115KV_TB7 355573	31.30 -0.84 0.00	29.92 -0.77 0.00	30.02 -0.80 0.00	29.38 -0.75 0.00	29.31 -0.75 0.00	30.13 -0.77 0.00	30.64 -0.75 0.00	29.81 -0.80 0.00	31.55 -0.91 0.00	34.57 -0.96 0.00	34.72 -0.82 0.00	34.71 -0.82 0.00	35.15 -0.86 0.00	34.47 -0.92 0.00	34.38 -0.88 0.00	34.10 -0.84 0.00	37.72 -0.97 0.00	40.62 -1.08 0.00	37.01 -0.95 0.00	35.52 -0.87 0.00	33.33 -0.82 0.00	30.73 -0.72 0.00	28.89 -0.68 0.00	27.90 -0.69 0.00
TELGRAPH_34_KV_EAST 80808	29.98 -2.15 0.00	28.94 -1.75 0.00	28.88 -1.94 0.00	28.29 -1.84 0.00	28.35 -1.71 0.00	29.11 -1.79 0.00	29.54 -1.85 0.00	28.22 -2.39 0.00	29.60 -2.86 0.00	32.51 -3.02 0.00	33.02 -2.52 0.00	33.00 -2.52 0.00	32.85 -3.17 0.00	32.02 -3.36 0.00	32.19 -3.07 0.00	31.90 -3.04 0.00	35.13 -3.56 0.00	37.33 -4.38 0.00	34.24 -3.72 0.00	33.08 -3.31 0.00	31.11 -3.04 0.00	28.78 -2.67 0.00	27.32 -2.25 0.00	26.32 -2.26 0.00
TEMPLE___115KV_TB 2 55572	31.30 -0.84 0.00	29.95 -0.74 0.00	30.05 -0.77 0.00	29.41 -0.72 0.00	29.34 -0.72 0.00	30.13 -0.77 0.00	30.64 -0.75 0.00	29.81 -0.80 0.00	31.58 -0.88 0.00	34.60 -0.92 0.00	34.76 -0.78 0.00	34.75 -0.78 0.00	35.15 -0.86 0.00	34.50 -0.88 0.00	34.41 -0.85 0.00	34.10 -0.84 0.00	37.72 -0.97 0.00	40.62 -1.08 0.00	37.04 -0.91 0.00	35.55 -0.84 0.00	33.33 -0.82 0.00	30.73 -0.72 0.00	28.89 -0.68 0.00	27.93 -0.66 0.00
TIANA____69_KV_BK 1 55817	34.67 2.54 0.00	32.89 2.21 0.00	32.61 1.79 0.00	31.82 1.69 0.00	31.69 1.62 0.00	32.66 1.76 0.00	33.40 2.01 0.00	33.21 2.60 0.00	35.48 3.02 0.00	38.80 3.27 0.00	38.88 3.34 0.00	38.91 3.38 -0.01	40.33 3.49 -0.82	41.65 3.57 -2.69	40.51 3.74 -1.51	45.03 3.88 -6.22	48.48 4.41 -5.38	49.76 4.96 -3.09	47.91 4.40 -5.56	45.94 4.15 -5.40	40.49 3.89 -2.44	35.67 3.59 -0.63	32.65 3.08 0.00	31.21 2.63 0.00
TILDEN___115KV_TB1 80814	31.46 -0.67 0.00	30.04 -0.64 0.00	30.17 -0.65 0.00	29.50 -0.63 0.00	29.46 -0.60 0.00	30.25 -0.65 0.00	30.76 -0.63 0.00	29.94 -0.67 0.00	31.71 -0.75 0.00	34.75 -0.78 0.00	34.90 -0.64 0.00	34.89 -0.64 0.00	35.30 -0.72 0.00	34.64 -0.74 0.00	34.56 -0.71 0.00	34.24 -0.70 0.00	37.91 -0.77 0.00	40.83 -0.88 0.00	37.20 -0.76 0.00	35.70 -0.69 0.00	33.50 -0.65 0.00	30.85 -0.60 0.00	29.01 -0.56 0.00	28.01 -0.57 0.00

TRIGEN___CC 323695	33.80 1.67 0.00	32.10 1.41 0.00	31.96 1.14 0.00	31.16 1.02 0.00	31.06 0.99 0.00	31.95 1.05 0.00	32.61 1.22 0.00	32.29 1.68 0.00	34.47 2.01 0.00	37.73 2.20 0.00	37.85 2.31 0.00	37.85 2.31 -0.02	39.88 2.41 -1.45	42.62 2.48 -4.76	40.51 2.57 -2.68	47.84 2.62 -10.28	50.57 2.98 -8.90	50.16 3.34 -5.12	50.18 3.04 -9.19	48.23 2.91 -8.93	41.27 2.80 -4.32	35.14 2.58 -1.12	31.82 2.25 0.00	30.47 1.89 0.00
TRINITY___115KV___4 BK 55933	33.16 1.03 0.00	31.60 0.92 0.00	31.75 0.92 0.00	31.01 0.87 0.00	30.94 0.87 0.00	31.79 0.90 0.00	32.36 0.97 0.00	31.59 0.98 0.00	33.56 1.10 0.00	36.74 1.21 0.00	36.43 0.89 0.00	36.42 0.89 0.00	36.99 0.97 0.00	36.41 1.03 0.00	36.28 1.02 0.00	36.06 1.12 0.00	39.89 1.20 0.00	43.08 1.38 0.00	39.21 1.25 0.00	37.59 1.20 0.00	35.35 1.20 0.00	32.61 1.16 0.00	30.63 1.06 0.00	29.67 1.09 0.00
UNION___PROCESSING_DRP 323587	30.52 -1.61 0.00	29.33 -1.35 0.00	29.34 -1.48 0.00	28.72 -1.42 0.00	28.71 -1.35 0.00	29.48 -1.42 0.00	29.98 -1.41 0.00	28.93 -1.68 0.00	30.45 -2.01 0.00	33.50 -2.03 0.00	33.87 -1.67 0.00	33.86 -1.67 0.00	33.97 -2.05 0.00	33.19 -2.19 0.00	33.29 -1.97 0.00	32.98 -1.96 0.00	36.40 -2.28 0.00	38.87 -2.84 0.00	35.56 -2.39 0.00	34.24 -2.15 0.00	32.14 -2.01 0.00	29.66 -1.79 0.00	28.03 -1.54 0.00	27.01 -1.57 0.00
UPPER HUDSON___HYD 24058	32.90 0.77 0.00	31.33 0.65 0.00	31.44 0.62 0.00	30.70 0.57 0.00	30.63 0.57 0.00	31.48 0.59 0.00	32.11 0.72 0.00	31.37 0.77 0.00	33.40 0.94 0.00	36.56 1.03 0.00	36.60 1.07 0.00	36.66 1.14 0.00	37.14 1.12 0.00	36.52 1.13 0.00	36.42 1.16 0.00	36.19 1.26 0.00	40.16 1.47 0.00	43.46 1.75 0.00	39.43 1.48 0.00	37.74 1.35 0.00	35.45 1.30 0.00	32.48 1.04 0.00	30.37 0.80 0.00	29.27 0.68 0.00
UPPER RAQUET___HYD 24056	32.29 0.16 0.00	30.84 0.15 0.00	31.07 0.25 0.00	30.34 0.21 0.00	30.30 0.24 0.00	31.05 0.16 0.00	31.42 0.03 0.00	30.64 0.03 0.00	32.53 0.07 0.00	35.60 0.07 0.00	35.61 0.07 0.00	35.63 0.11 0.00	35.91 -0.11 0.00	35.24 -0.14 0.00	35.05 -0.21 0.00	34.55 -0.38 0.00	38.26 -0.42 0.00	41.16 -0.54 0.00	37.42 -0.53 0.00	35.77 -0.62 0.00	33.50 -0.65 0.00	30.73 -0.72 0.00	29.07 -0.50 0.00	28.27 -0.31 0.00
VALLEY44_115KV_TB2 355964	30.78 -1.35 0.00	29.67 -1.01 0.00	29.68 -1.14 0.00	29.08 -1.05 0.00	29.10 -0.96 0.00	29.88 -1.02 0.00	30.35 -1.04 0.00	29.05 -1.56 0.00	30.48 -1.98 0.00	33.40 -2.13 0.00	33.83 -1.71 0.00	33.72 -1.81 0.00	33.71 -2.31 0.00	32.84 -2.55 0.00	32.90 -2.36 0.00	32.63 -2.31 0.00	35.94 -2.75 0.00	38.41 -3.29 0.00	35.15 -2.81 0.00	33.99 -2.40 0.00	31.93 -2.22 0.00	29.56 -1.89 0.00	27.91 -1.66 0.00	27.04 -1.54 0.00
VALLEY___115KV_TB 1-4 80826	33.09 0.96 0.00	31.57 0.89 0.00	31.72 0.89 0.00	31.04 0.90 0.00	30.91 0.84 0.00	31.73 0.83 0.00	32.17 0.78 0.00	31.28 0.67 0.00	33.08 0.62 0.00	36.06 0.53 0.00	35.96 0.43 0.00	35.95 0.43 0.00	36.45 0.43 0.00	35.81 0.42 0.00	35.68 0.42 0.00	35.32 0.38 0.00	39.11 0.43 0.00	42.16 0.46 0.00	38.34 0.38 0.00	36.79 0.40 0.00	34.49 0.34 0.00	31.79 0.35 0.00	29.90 0.33 0.00	28.90 0.31 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.61 1.48 0.00	32.07 1.38 0.00	32.24 1.42 0.00	31.52 1.39 0.00	31.42 1.35 0.00	32.32 1.42 0.00	32.96 1.57 0.00	32.14 1.53 0.00	34.18 1.72 0.00	37.45 1.92 0.00	37.56 2.03 0.00	37.52 1.99 0.00	38.04 2.02 0.00	37.30 1.91 0.00	37.17 1.90 0.00	36.82 1.89 0.00	40.78 2.09 0.00	44.00 2.29 0.00	40.01 2.05 0.00	38.43 2.04 0.00	36.00 1.84 0.00	33.12 1.67 0.00	31.05 1.48 0.00	29.95 1.37 0.00
VISCHER___FERRY HYD 24020	33.42 1.29 0.00	31.85 1.17 0.00	31.96 1.14 0.00	31.25 1.12 0.00	31.15 1.08 0.00	32.01 1.11 0.00	32.58 1.19 0.00	31.83 1.23 0.00	33.82 1.36 0.00	37.02 1.49 0.00	36.92 1.38 0.00	36.98 1.46 0.00	37.50 1.48 0.00	36.87 1.49 0.00	36.81 1.55 0.00	36.51 1.57 0.00	40.47 1.78 0.00	43.75 2.04 0.00	39.78 1.82 0.00	38.14 1.75 0.00	35.79 1.64 0.00	32.93 1.48 0.00	30.84 1.27 0.00	29.75 1.17 0.00
V_A_10_SYNC_DSASP 323832	29.72 -2.41 0.00	28.47 -2.21 0.00	28.60 -2.22 0.00	27.99 -2.14 0.00	27.96 -2.11 0.00	28.80 -2.10 0.00	29.19 -2.20 0.00	28.01 -2.60 0.00	29.47 -2.99 0.00	32.37 -3.16 0.00	32.80 -2.74 0.00	32.15 -3.38 0.00	32.71 -3.31 0.00	32.13 -3.25 0.00	31.66 -3.60 0.00	31.72 -3.21 0.00	34.97 -3.71 0.00	37.16 -4.54 0.00	34.01 -3.95 0.00	32.90 -3.49 0.00	30.94 -3.21 0.00	28.65 -2.80 0.00	26.76 -2.81 0.00	26.29 -2.29 0.00
V_CMM_10_SYNC_DSASP 323787	32.52 0.39 0.00	31.08 0.40 0.00	31.28 0.46 0.00	30.55 0.42 0.00	30.52 0.45 0.00	31.36 0.46 0.00	31.74 0.35 0.00	30.95 0.34 0.00	32.82 0.36 0.00	35.92 0.39 0.00	35.93 0.39 0.00	35.92 0.39 0.00	36.38 0.36 0.00	35.70 0.32 0.00	35.54 0.28 0.00	35.08 0.14 0.00	38.84 0.16 0.00	41.79 0.08 0.00	37.99 0.04 0.00	36.35 -0.04 0.00	34.12 -0.03 0.00	31.32 -0.13 0.00	29.51 -0.06 0.00	28.58 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	32.90 0.77 0.00	31.48 0.80 0.00	31.72 0.89 0.00	30.95 0.81 0.00	30.91 0.84 0.00	31.82 0.93 0.00	31.98 0.59 0.00	31.22 0.61 0.00	33.11 0.65 0.00	36.24 0.71 0.00	36.29 0.75 0.00	36.31 0.78 0.00	36.74 0.72 0.00	35.99 0.60 0.00	35.72 0.46 0.00	35.18 0.25 0.00	38.92 0.23 0.00	41.70 0.00 0.00	37.88 -0.08 0.00	36.10 -0.29 0.00	33.81 -0.34 0.00	30.94 -0.50 0.00	29.07 -0.50 0.00	28.35 -0.23 0.00
V_D_10_SYNC_DSASP 323841	32.71 0.58 0.00	31.27 0.58 0.00	31.47 0.65 0.00	30.73 0.60 0.00	30.70 0.63 0.00	31.55 0.65 0.00	31.92 0.53 0.00	31.10 0.49 0.00	32.98 0.52 0.00	36.09 0.57 0.00	36.14 0.60 0.00	36.13 0.60 0.00	36.52 0.50 0.00	35.88 0.50 0.00	35.72 0.46 0.00	35.25 0.31 0.00	38.99 0.31 0.00	41.96 0.25 0.00	38.15 0.19 0.00	36.54 0.15 0.00	34.25 0.10 0.00	31.45 0.00 0.00	29.63 0.06 0.00	28.76 0.17 0.00
V_E_10_SYNC_DSASP 323830	33.96 1.83 0.00	32.40 1.72 0.00	32.64 1.82 0.00	31.94 1.81 0.00	31.81 1.74 0.00	32.78 1.89 0.00	33.49 2.10 0.00	32.57 1.96 0.00	34.57 2.11 0.00	37.77 2.24 0.00	37.92 2.38 0.00	37.73 2.20 0.00	38.11 2.09 0.00	37.12 1.73 0.00	36.92 1.66 0.00	36.51 1.57 0.00	40.51 1.82 0.00	43.67 1.96 0.00	39.70 1.75 0.00	38.17 1.78 0.00	35.65 1.50 0.00	32.77 1.32 0.00	30.66 1.09 0.00	29.70 1.11 0.00
V_F_30_NSYNC___DSASP 323816	33.48 1.35 0.00	31.88 1.20 0.00	31.99 1.17 0.00	31.28 1.14 0.00	31.18 1.11 0.00	32.04 1.14 0.00	32.65 1.26 0.00	31.86 1.26 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.07 1.53 0.00	37.16 1.64 0.00	37.64 1.62 0.00	37.01 1.63 0.00	36.95 1.69 0.00	36.65 1.71 0.00	40.66 1.97 0.00	43.96 2.25 0.00	39.93 1.97 0.00	38.25 1.85 0.00	35.89 1.74 0.00	32.96 1.51 0.00	30.87 1.30 0.00	29.75 1.17 0.00



V_F_30_SYNC_DSASP 323786	33.26 1.12 0.00	31.70 1.01 0.00	31.81 0.99 0.00	31.10 0.96 0.00	31.00 0.93 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.65 1.04 0.00	33.66 1.20 0.00	36.84 1.31 0.00	36.53 1.00 0.00	36.52 0.99 0.00	37.10 1.08 0.00	36.52 1.13 0.00	36.39 1.13 0.00	36.16 1.22 0.00	40.00 1.32 0.00	43.25 1.54 0.00	39.32 1.37 0.00	37.70 1.31 0.00	35.41 1.26 0.00	32.71 1.26 0.00	30.72 1.15 0.00	29.73 1.14 0.00
V_XM_10_SYNC_DSASP 323789	32.90 0.77 0.00	31.48 0.80 0.00	31.72 0.89 0.00	30.95 0.81 0.00	30.91 0.84 0.00	31.82 0.93 0.00	31.98 0.59 0.00	31.22 0.61 0.00	33.11 0.65 0.00	36.24 0.71 0.00	36.29 0.75 0.00	36.31 0.78 0.00	36.74 0.72 0.00	35.99 0.60 0.00	35.72 0.46 0.00	35.18 0.25 0.00	38.92 0.23 0.00	41.70 0.00 0.00	37.88 -0.08 0.00	36.10 -0.29 0.00	33.81 -0.34 0.00	30.94 -0.50 0.00	29.07 -0.50 0.00	28.35 -0.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.51 1.38 0.00	31.88 1.20 0.00	31.93 1.11 0.00	31.19 1.05 0.00	31.09 1.02 0.00	31.95 1.05 0.00	32.52 1.13 0.00	31.92 1.32 0.00	33.99 1.53 0.00	37.20 1.67 0.00	37.17 1.63 0.00	37.20 1.67 0.00	37.78 1.76 0.00	37.23 1.84 0.00	37.20 1.94 0.00	36.93 1.99 0.00	40.97 2.28 0.00	44.37 2.67 0.00	40.35 2.39 0.00	38.65 2.26 0.00	36.30 2.15 0.00	33.43 1.98 0.00	31.26 1.69 0.00	30.10 1.51 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.61 1.48 0.00	31.97 1.29 0.00	31.99 1.17 0.00	31.25 1.11 0.00	31.12 1.05 0.00	32.01 1.11 0.00	32.58 1.19 0.00	32.05 1.44 0.00	34.15 1.69 0.00	37.37 1.85 0.00	37.35 1.81 0.00	37.37 1.85 0.00	38.00 1.98 0.00	37.44 2.05 0.00	37.41 2.15 0.00	37.14 2.20 0.00	41.24 2.55 0.00	44.58 2.88 0.00	40.57 2.62 0.00	38.87 2.47 0.00	36.51 2.36 0.00	33.59 2.14 0.00	31.40 1.83 0.00	30.27 1.69 0.00
W50THST__13_KV_LOAD 356117	33.71 1.57 0.00	32.07 1.38 0.00	32.09 1.26 0.00	31.34 1.21 0.00	31.21 1.14 0.00	32.07 1.17 0.00	32.68 1.29 0.00	32.17 1.56 0.00	34.25 1.79 0.00	37.48 1.95 0.00	37.46 1.92 0.00	37.52 1.99 0.00	38.11 2.09 0.00	37.58 2.19 0.00	37.52 2.26 0.00	37.24 2.31 0.00	41.36 2.67 0.00	44.75 3.04 0.00	40.69 2.73 0.00	39.01 2.62 0.00	36.64 2.49 0.00	33.68 2.23 0.00	31.49 1.92 0.00	30.35 1.77 0.00
WADING RIVER_IC_1 23522	34.64 2.51 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.38 2.92 0.00	38.73 3.20 0.00	38.81 3.27 0.00	38.87 3.34 -0.01	40.26 3.42 -0.82	41.55 3.47 -2.69	40.44 3.67 -1.51	44.96 3.81 -6.21	48.40 4.33 -5.38	49.67 4.88 -3.09	47.83 4.33 -5.55	45.90 4.11 -5.39	40.42 3.82 -2.44	35.60 3.52 -0.63	32.35 2.78 0.00	30.78 2.20 0.00
WADING RIVER_IC_2 23547	34.64 2.51 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.38 2.92 0.00	38.73 3.20 0.00	38.81 3.27 0.00	38.87 3.34 -0.01	40.26 3.42 -0.82	41.55 3.47 -2.69	40.44 3.67 -1.51	44.96 3.81 -6.21	48.40 4.33 -5.38	49.67 4.88 -3.09	47.83 4.33 -5.55	45.90 4.11 -5.39	40.42 3.82 -2.44	35.60 3.52 -0.63	32.35 2.78 0.00	30.78 2.20 0.00
WADING RIVER_IC_3 23601	34.64 2.51 0.00	32.86 2.18 0.00	32.61 1.79 0.00	31.79 1.66 0.00	31.66 1.59 0.00	32.57 1.67 0.00	33.34 1.95 0.00	33.15 2.54 0.00	35.38 2.92 0.00	38.73 3.20 0.00	38.81 3.27 0.00	38.87 3.34 -0.01	40.26 3.42 -0.82	41.55 3.47 -2.69	40.44 3.67 -1.51	44.96 3.81 -6.21	48.40 4.33 -5.38	49.67 4.88 -3.09	47.83 4.33 -5.55	45.90 4.11 -5.39	40.42 3.82 -2.44	35.60 3.52 -0.63	32.35 2.78 0.00	30.78 2.20 0.00
WALDENNY_12_KV_BK2 80841	30.14 -1.99 0.00	29.12 -1.56 0.00	29.06 -1.76 0.00	28.47 -1.66 0.00	28.56 -1.50 0.00	29.29 -1.61 0.00	29.73 -1.66 0.00	28.34 -2.27 0.00	29.67 -2.79 0.00	32.51 -3.02 0.00	33.02 -2.52 0.00	32.97 -2.56 0.00	32.81 -3.21 0.00	31.92 -3.47 0.00	32.12 -3.14 0.00	31.83 -3.11 0.00	35.01 -3.68 0.00	37.24 -4.46 0.00	34.16 -3.80 0.00	33.08 -3.31 0.00	31.11 -3.04 0.00	28.81 -2.64 0.00	27.35 -2.22 0.00	26.38 -2.20 0.00
WALDEN__HYDRO 24148	33.58 1.45 0.00	31.94 1.26 0.00	32.02 1.20 0.00	31.28 1.15 0.00	31.18 1.11 0.00	32.04 1.14 0.00	32.61 1.22 0.00	31.99 1.38 0.00	34.02 1.56 0.00	37.20 1.67 0.00	37.17 1.63 0.00	37.16 1.63 0.00	37.75 1.73 0.00	37.23 1.84 0.00	37.20 1.94 0.00	36.93 1.99 0.00	41.01 2.32 0.00	44.42 2.71 0.00	40.38 2.43 0.00	38.68 2.29 0.00	36.30 2.15 0.00	33.43 1.98 0.00	31.26 1.69 0.00	30.13 1.54 0.00
WARRENSBURG____ 23737	32.90 0.77 0.00	31.33 0.65 0.00	31.44 0.62 0.00	30.70 0.57 0.00	30.63 0.57 0.00	31.48 0.59 0.00	32.11 0.72 0.00	31.37 0.77 0.00	33.40 0.94 0.00	36.56 1.03 0.00	36.60 1.07 0.00	36.66 1.14 0.00	37.14 1.12 0.00	36.52 1.13 0.00	36.42 1.16 0.00	36.19 1.26 0.00	40.16 1.47 0.00	43.46 1.75 0.00	39.43 1.48 0.00	37.74 1.35 0.00	35.45 1.30 0.00	32.48 1.04 0.00	30.37 0.80 0.00	29.27 0.68 0.00
WATERSIDE____6 8 9 23538	32.03 1.54 1.64	30.26 1.38 1.81	30.29 1.26 1.80	29.41 1.18 1.90	29.26 1.11 1.91	30.21 1.11 1.80	30.86 1.19 1.72	30.20 1.47 1.88	32.38 1.69 1.76	35.94 1.85 1.43	36.00 1.78 1.31	35.96 1.85 1.41	36.59 1.98 1.41	35.95 2.05 1.49	35.99 2.15 1.42	35.69 2.20 1.45	40.36 2.55 0.88	44.06 2.88 0.52	39.54 2.62 1.03	37.61 2.51 1.29	34.99 2.39 1.55	31.61 2.20 2.04	29.20 1.89 2.27	28.20 1.80 2.18
WATKINRD_115KV_LN8_ILLION 55919	32.81 0.67 0.00	31.33 0.64 0.00	31.47 0.65 0.00	30.76 0.63 0.00	30.67 0.60 0.00	31.52 0.62 0.00	31.99 0.60 0.00	31.16 0.55 0.00	33.01 0.55 0.00	36.06 0.53 0.00	36.04 0.50 0.00	36.02 0.50 0.00	36.52 0.50 0.00	35.88 0.50 0.00	35.75 0.49 0.00	35.43 0.49 0.00	39.23 0.54 0.00	42.29 0.58 0.00	38.49 0.53 0.00	36.90 0.51 0.00	34.63 0.48 0.00	31.89 0.44 0.00	29.98 0.41 0.00	28.98 0.40 0.00
WATSON____69_KV_BK 1 55734	34.67 2.54 0.00	32.89 2.21 0.00	32.64 1.82 0.00	31.82 1.69 0.00	31.69 1.62 0.00	32.63 1.73 0.00	33.37 1.98 0.00	33.15 2.54 0.00	35.41 2.95 0.00	38.76 3.23 0.00	38.95 3.41 0.00	38.95 3.41 -0.01	40.43 3.57 -0.85	41.78 3.61 -2.78	40.60 3.77 -1.56	45.20 3.88 -6.39	48.63 4.41 -5.53	49.84 4.96 -3.17	48.11 4.44 -5.71	46.16 4.22 -5.55	40.64 3.96 -2.52	35.75 3.65 -0.65	32.73 3.16 0.00	31.24 2.66 0.00
WDELAWARE__HYD 323627	33.80 1.67 0.00	32.16 1.47 0.00	32.21 1.39 0.00	31.46 1.32 0.00	31.39 1.32 0.00	32.26 1.36 0.00	32.83 1.44 0.00	32.14 1.53 0.00	34.18 1.72 0.00	37.30 1.78 0.00	37.24 1.71 0.00	37.27 1.74 0.00	37.78 1.76 0.00	37.19 1.80 0.00	37.27 2.01 0.00	37.07 2.13 0.00	41.20 2.51 0.00	44.62 2.92 0.00	40.57 2.62 0.00	38.87 2.48 0.00	36.44 2.29 0.00	33.52 2.08 0.00	31.22 1.65 0.00	30.01 1.43 0.00

WEST BABYLON___IC 23714	34.48 2.35 0.00	32.71 2.03 0.00	32.49 1.66 0.00	31.67 1.54 0.00	31.54 1.47 0.00	32.47 1.58 0.00	33.18 1.79 0.00	32.93 2.33 0.00	35.19 2.73 0.00	38.55 3.02 0.00	38.70 3.16 0.00	38.73 3.20 -0.01	40.24 3.31 -0.91	41.75 3.40 -2.97	40.46 3.53 -1.67	45.29 3.60 -6.76	48.64 4.10 -5.85	49.65 4.59 -3.36	48.13 4.14 -6.04	46.19 3.93 -5.87	40.57 3.72 -2.70	35.57 3.43 -0.70	32.59 3.02 0.00	31.10 2.52 0.00
WEST CANADA___HYD 24049	32.20 0.06 0.00	30.75 0.06 0.00	30.88 0.06 0.00	30.19 0.06 0.00	30.13 0.06 0.00	30.96 0.06 0.00	31.48 0.09 0.00	30.70 0.09 0.00	32.56 0.10 0.00	35.63 0.11 0.00	35.61 0.07 0.00	35.60 0.07 0.00	36.09 0.07 0.00	35.46 0.07 0.00	35.33 0.07 0.00	35.01 0.07 0.00	38.80 0.12 0.00	41.83 0.13 0.00	38.07 0.11 0.00	36.50 0.11 0.00	34.25 0.10 0.00	31.54 0.09 0.00	29.66 0.09 0.00	28.67 0.09 0.00
WESTERN_NY_WIND 24143	30.46 -1.67 0.00	29.33 -1.35 0.00	29.31 -1.51 0.00	28.69 -1.45 0.00	28.74 -1.32 0.00	29.51 -1.39 0.00	29.98 -1.41 0.00	28.68 -1.93 0.00	30.09 -2.37 0.00	33.15 -2.38 0.00	33.65 -1.88 0.00	33.61 -1.92 0.00	33.50 -2.52 0.00	32.63 -2.76 0.00	32.83 -2.43 0.00	32.53 -2.41 0.00	35.90 -2.79 0.00	38.16 -3.54 0.00	35.00 -2.96 0.00	33.81 -2.58 0.00	31.76 -2.39 0.00	29.31 -2.14 0.00	27.80 -1.77 0.00	26.75 -1.83 0.00
WESTOVER___LESR 323668	31.81 -0.32 0.00	30.44 -0.25 0.00	30.54 -0.28 0.00	29.89 -0.24 0.00	29.82 -0.24 0.00	30.65 -0.25 0.00	31.17 -0.22 0.00	30.27 -0.34 0.00	32.04 -0.42 0.00	35.07 -0.46 0.00	35.25 -0.28 0.00	35.17 -0.36 0.00	35.59 -0.43 0.00	34.89 -0.50 0.00	34.80 -0.46 0.00	34.52 -0.42 0.00	38.18 -0.50 0.00	41.12 -0.58 0.00	37.46 -0.49 0.00	35.99 -0.40 0.00	33.78 -0.38 0.00	31.13 -0.31 0.00	29.27 -0.30 0.00	28.27 -0.31 0.00
WETHRSFD_WT_PWR 323626	30.23 -1.90 0.00	29.00 -1.69 0.00	29.25 -1.57 0.00	28.66 -1.48 0.00	28.65 -1.41 0.00	29.45 -1.45 0.00	29.82 -1.57 0.00	28.53 -2.08 0.00	29.86 -2.60 0.00	32.54 -2.98 0.00	32.91 -2.63 0.00	32.22 -3.30 0.00	32.63 -3.39 0.00	31.92 -3.47 0.00	31.49 -3.77 0.00	31.52 -3.42 0.00	34.78 -3.91 0.00	37.16 -4.54 0.00	34.05 -3.91 0.00	32.86 -3.53 0.00	31.01 -3.14 0.00	28.65 -2.80 0.00	26.73 -2.84 0.00	26.24 -2.34 0.00
WHAVSTOR_138KV_BK127 55557	33.42 1.29 0.00	31.79 1.10 0.00	31.84 1.02 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.83 1.22 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.07 1.53 0.00	37.06 1.53 0.00	37.68 1.66 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.79 1.85 0.00	40.85 2.17 0.00	44.21 2.50 0.00	40.20 2.24 0.00	38.50 2.11 0.00	36.20 2.05 0.00	33.30 1.86 0.00	31.14 1.57 0.00	30.01 1.43 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.42 1.29 0.00	31.79 1.10 0.00	31.84 1.02 0.00	31.07 0.93 0.00	30.97 0.90 0.00	31.86 0.96 0.00	32.43 1.04 0.00	31.83 1.22 0.00	33.89 1.43 0.00	37.09 1.56 0.00	37.07 1.53 0.00	37.06 1.53 0.00	37.68 1.66 0.00	37.12 1.73 0.00	37.09 1.83 0.00	36.79 1.85 0.00	40.85 2.17 0.00	44.21 2.50 0.00	40.20 2.24 0.00	38.50 2.11 0.00	36.20 2.05 0.00	33.30 1.86 0.00	31.14 1.57 0.00	30.01 1.43 0.00
WHITEHAL_115KV_TB1 80871	33.22 1.09 0.00	31.57 0.89 0.00	31.68 0.86 0.00	30.95 0.81 0.00	30.88 0.81 0.00	31.76 0.87 0.00	32.46 1.07 0.00	31.68 1.07 0.00	33.76 1.30 0.00	37.06 1.53 0.00	37.03 1.49 0.00	37.09 1.56 0.00	37.60 1.58 0.00	36.98 1.59 0.00	36.85 1.59 0.00	36.61 1.68 0.00	40.70 2.01 0.00	44.08 2.38 0.00	40.01 2.05 0.00	38.25 1.86 0.00	35.86 1.71 0.00	32.86 1.42 0.00	31.37 1.80 0.00	30.27 1.69 0.00
WHITEPLN_13_KV_LOAD 356215	33.87 1.74 0.00	32.19 1.50 0.00	32.24 1.42 0.00	31.43 1.30 0.00	31.33 1.26 0.00	32.23 1.33 0.00	32.77 1.38 0.00	32.26 1.65 0.00	34.34 1.88 0.00	37.59 2.06 0.00	37.53 1.99 0.00	37.55 2.03 0.00	38.14 2.13 0.00	37.61 2.23 0.00	37.66 2.40 0.00	37.38 2.45 0.00	41.51 2.82 0.00	44.96 3.25 0.00	40.88 2.92 0.00	39.16 2.77 0.00	36.82 2.66 0.00	33.84 2.39 0.00	31.58 2.01 0.00	30.41 1.83 0.00
WM_FLOYD_69_KV_BK2 356380	34.54 2.41 0.00	32.77 2.09 0.00	32.52 1.70 0.00	31.70 1.57 0.00	31.57 1.50 0.00	32.51 1.61 0.00	33.24 1.85 0.00	33.06 2.45 0.00	35.32 2.86 0.00	38.62 3.09 0.00	38.77 3.23 0.00	38.77 3.23 -0.01	40.23 3.39 -0.82	41.55 3.47 -2.70	40.41 3.63 -1.52	44.90 3.74 -6.22	48.33 4.26 -5.39	49.59 4.80 -3.09	47.77 4.25 -5.56	45.83 4.04 -5.40	40.39 3.79 -2.45	35.60 3.52 -0.63	32.62 3.05 0.00	31.13 2.54 0.00
WOODARD__115KV_TB2 355635	31.26 -0.87 0.00	29.89 -0.80 0.00	29.99 -0.83 0.00	29.35 -0.78 0.00	29.28 -0.78 0.00	30.10 -0.80 0.00	30.57 -0.82 0.00	29.78 -0.83 0.00	31.52 -0.94 0.00	34.53 -0.99 0.00	34.69 -0.85 0.00	34.67 -0.85 0.00	35.12 -0.90 0.00	34.43 -0.96 0.00	34.34 -0.92 0.00	34.06 -0.87 0.00	37.68 -1.01 0.00	40.58 -1.13 0.00	36.97 -0.99 0.00	35.48 -0.91 0.00	33.30 -0.85 0.00	30.66 -0.79 0.00	28.86 -0.71 0.00	27.87 -0.71 0.00
YORK___WARBASSE 23770	45.44 1.80 -11.51	44.94 1.60 -12.66	44.88 1.48 -12.58	44.82 1.39 -13.30	44.82 1.35 -13.40	44.85 1.33 -12.62	44.88 1.41 -12.07	45.44 1.68 -13.15	46.73 1.92 -12.36	47.62 2.06 -10.04	46.74 2.03 -9.18	47.52 2.10 -9.89	48.10 2.20 -9.88	48.13 2.30 -10.44	47.58 2.40 -9.93	47.55 2.45 -10.17	47.67 2.82 -6.16	48.50 3.17 -3.62	48.10 2.92 -7.23	48.17 2.77 -9.02	47.65 2.63 -10.87	48.15 2.42 -14.28	47.55 2.10 -15.88	45.87 2.00 -15.29