

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/22/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	35.03	32.27	31.35	30.24	31.20	32.70	36.99	33.99	31.46	27.95	27.13	26.90	26.88	27.18	24.97	29.27	31.21	34.98	46.40	50.94	55.36	49.25	40.23	34.55
24138	2.42	2.18	2.08	1.99	2.10	2.25	2.70	2.71	2.72	2.54	2.53	2.54	2.52	2.60	2.43	2.92	3.10	3.22	3.88	4.02	4.42	3.71	2.86	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.02	32.28	31.36	30.23	31.19	32.69	36.97	33.95	31.38	27.85	27.03	26.80	26.79	27.07	24.88	29.17	31.11	34.90	46.30	50.86	55.31	49.24	40.22	34.56
24260	2.41	2.18	2.09	1.98	2.09	2.24	2.68	2.66	2.63	2.44	2.42	2.44	2.42	2.50	2.33	2.82	3.00	3.14	3.78	3.94	4.37	3.70	2.85	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.02	32.28	31.36	30.23	31.19	32.69	36.97	33.95	31.38	27.85	27.03	26.80	26.79	27.07	24.88	29.17	31.11	34.90	46.30	50.86	55.31	49.24	40.22	34.56
24261	2.41	2.18	2.09	1.98	2.09	2.24	2.68	2.66	2.63	2.44	2.42	2.44	2.42	2.50	2.33	2.82	3.00	3.14	3.78	3.94	4.37	3.70	2.85	2.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.77	32.07	31.22	30.14	31.08	32.53	36.75	33.28	30.00	26.43	25.48	25.25	25.24	25.47	23.50	27.65	29.67	33.63	45.36	50.30	54.62	48.94	40.06	34.67
24011	2.16	1.97	1.95	1.88	1.99	2.08	2.45	1.99	1.24	1.02	0.87	0.89	0.88	0.90	0.95	1.29	1.56	1.86	2.83	3.38	3.68	3.39	2.69	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.98	32.27	31.46	30.36	31.31	32.76	37.03	33.51	30.06	26.47	25.54	25.31	25.31	25.55	23.62	27.81	29.84	33.82	45.64	50.69	54.95	49.23	40.31	34.92
23798	2.37	2.17	2.18	2.11	2.21	2.30	2.73	2.23	1.32	1.06	0.93	0.95	0.95	0.98	1.07	1.45	1.73	2.06	3.12	3.77	4.01	3.69	2.94	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.77	32.07	31.22	30.14	31.08	32.53	36.75	33.28	30.00	26.43</														

ALBANY___2 23572	33.18 0.57 0.00	30.63 0.53 0.00	29.79 0.52 0.00	28.74 0.49 0.00	29.58 0.48 0.00	30.94 0.48 0.00	34.83 0.53 0.00	31.65 0.37 0.00	28.89 0.14 0.00	25.66 0.25 0.00	24.89 0.28 0.00	24.67 0.31 0.00	24.70 0.34 0.00	24.92 0.35 0.00	22.92 0.37 0.00	26.94 0.58 0.00	28.67 0.56 0.00	32.33 0.56 0.00	43.27 0.75 0.00	47.63 0.72 0.00	51.86 0.92 0.00	46.46 0.91 0.00	38.13 0.76 0.00	33.20 0.85 0.00
ALBANY___3 23573	33.18 0.57 0.00	30.63 0.53 0.00	29.79 0.52 0.00	28.74 0.49 0.00	29.58 0.48 0.00	30.94 0.48 0.00	34.83 0.53 0.00	31.65 0.37 0.00	28.89 0.14 0.00	25.66 0.25 0.00	24.89 0.28 0.00	24.67 0.31 0.00	24.70 0.34 0.00	24.92 0.35 0.00	22.92 0.37 0.00	26.94 0.58 0.00	28.67 0.56 0.00	32.33 0.56 0.00	43.27 0.75 0.00	47.63 0.72 0.00	51.86 0.92 0.00	46.46 0.91 0.00	38.13 0.76 0.00	33.20 0.85 0.00
ALBANY___4 23574	33.18 0.57 0.00	30.63 0.53 0.00	29.79 0.52 0.00	28.74 0.49 0.00	29.58 0.48 0.00	30.94 0.48 0.00	34.83 0.53 0.00	31.65 0.37 0.00	28.89 0.14 0.00	25.66 0.25 0.00	24.89 0.28 0.00	24.67 0.31 0.00	24.70 0.34 0.00	24.92 0.35 0.00	22.92 0.37 0.00	26.94 0.58 0.00	28.67 0.56 0.00	32.33 0.56 0.00	43.27 0.75 0.00	47.63 0.72 0.00	51.86 0.92 0.00	46.46 0.91 0.00	38.13 0.76 0.00	33.20 0.85 0.00
ALBANY___LFGE 323615	33.46 0.84 0.00	30.88 0.79 0.00	30.04 0.77 0.00	28.98 0.72 0.00	29.83 0.74 0.00	31.21 0.75 0.00	35.15 0.86 0.00	31.95 0.67 0.00	29.16 0.42 0.00	25.90 0.49 0.00	25.11 0.50 0.00	24.90 0.54 0.00	24.92 0.56 0.00	25.14 0.56 0.00	23.13 0.58 0.00	27.18 0.82 0.00	28.93 0.83 0.00	32.64 0.87 0.00	43.66 1.13 0.00	48.10 1.18 0.00	52.37 1.43 0.00	46.89 1.35 0.00	38.47 1.10 0.00	33.44 1.10 0.00
ALCOA_PA_115KV_PL-6C 55860	32.33 -0.28 0.00	29.90 -0.20 0.00	29.13 -0.14 0.00	28.11 -0.14 0.00	28.88 -0.22 0.00	30.27 -0.19 0.00	34.21 -0.09 0.00	31.21 -0.08 0.00	28.77 0.03 0.00	25.35 -0.05 0.00	24.48 -0.13 0.00	24.16 -0.20 0.00	24.11 -0.26 0.00	24.29 -0.28 0.00	22.24 -0.31 0.00	25.99 -0.37 0.00	27.75 -0.36 0.00	31.39 -0.38 0.00	42.20 -0.33 0.00	46.60 -0.32 0.00	50.63 -0.31 0.00	45.41 -0.13 0.00	37.35 -0.02 0.00	32.26 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	32.33 -0.28 0.00	29.90 -0.20 0.00	29.13 -0.15 0.00	28.11 -0.14 0.00	28.88 -0.22 0.00	30.27 -0.19 0.00	34.20 -0.09 0.00	31.21 -0.07 0.00	28.77 0.03 0.00	25.35 -0.05 0.00	24.47 -0.13 0.00	24.16 -0.20 0.00	24.11 -0.26 0.00	24.29 -0.28 0.00	22.24 -0.31 0.00	25.98 -0.37 0.00	27.75 -0.36 0.00	31.39 -0.37 0.00	42.20 -0.33 0.00	46.61 -0.30 0.00	50.64 -0.30 0.00	45.42 -0.13 0.00	37.35 -0.02 0.00	32.26 -0.09 0.00
ALCOA___DSASP 323711	32.33 -0.28 0.00	29.90 -0.20 0.00	29.13 -0.15 0.00	28.11 -0.14 0.00	28.88 -0.22 0.00	30.27 -0.19 0.00	34.20 -0.09 0.00	31.21 -0.07 0.00	28.77 0.03 0.00	25.35 -0.05 0.00	24.47 -0.13 0.00	24.16 -0.20 0.00	24.11 -0.26 0.00	24.29 -0.28 0.00	22.24 -0.31 0.00	25.98 -0.37 0.00	27.75 -0.36 0.00	31.39 -0.37 0.00	42.20 -0.33 0.00	46.61 -0.30 0.00	50.64 -0.30 0.00	45.42 -0.13 0.00	37.35 -0.02 0.00	32.26 -0.09 0.00
ALLEGHENY___COGEN 23514	33.62 -0.14 -1.14	30.32 -0.32 -0.54	28.84 -0.45 -0.01	27.85 -0.41 0.00	34.06 -0.37 -5.34	72.96 -0.10 -42.60	73.58 -0.29 -39.58	74.83 -0.24 -43.80	33.54 -0.72 -5.52	24.78 -0.79 -0.15	23.83 -0.78 0.00	23.39 -0.97 0.00	23.33 -1.03 0.00	23.57 -1.01 0.00	21.68 -0.87 0.00	30.56 -1.08 -5.28	33.06 -1.02 -5.97	52.90 -0.86 -21.99	88.58 -0.71 -46.77	93.64 -0.45 -47.17	97.97 -0.17 -47.20	82.96 -0.10 -37.51	72.29 -0.25 -35.18	68.31 -0.31 -36.28
ALTAMONT_115KV_TB 2 55880	33.49 0.88 0.00	30.91 0.81 0.00	30.06 0.78 0.00	29.00 0.75 0.00	29.88 0.78 0.00	31.27 0.81 0.00	35.24 0.95 0.00	32.11 0.83 0.00	29.37 0.62 0.00	26.03 0.62 0.00	25.24 0.63 0.00	25.03 0.67 0.00	25.06 0.69 0.00	25.28 0.70 0.00	23.23 0.68 0.00	27.20 0.84 0.00	28.97 0.86 0.00	32.69 0.92 0.00	43.71 1.18 0.00	48.20 1.28 0.00	52.47 1.53 0.00	46.95 1.41 0.00	38.47 1.10 0.00	33.32 0.97 0.00
ALTONA_WT_PWR 323606	32.22 -0.39 0.00	29.80 -0.30 0.00	29.04 -0.24 0.00	28.02 -0.23 0.00	28.81 -0.28 0.00	30.18 -0.27 0.00	34.12 -0.17 0.00	31.18 -0.10 0.00	28.71 -0.04 0.00	25.32 -0.09 0.00	24.45 -0.16 0.00	24.15 -0.21 0.00	24.11 -0.26 0.00	24.31 -0.26 0.00	22.27 -0.27 0.00	26.02 -0.34 0.00	27.77 -0.34 0.00	31.46 -0.31 0.00	42.28 -0.25 0.00	46.63 -0.28 0.00	50.65 -0.28 0.00	45.38 -0.17 0.00	37.27 -0.10 0.00	32.18 -0.17 0.00
AMERICAN_REF_FUEL 24010	28.86 -3.38 0.37	26.96 -2.97 0.17	26.65 -2.62 0.00	25.82 -2.43 0.00	24.90 -2.49 1.72	14.41 -2.35 13.71	18.52 -3.03 12.74	14.86 -2.33 14.09	24.58 -2.39 1.78	23.05 -2.30 0.05	22.27 -2.34 0.00	21.94 -2.41 0.00	21.82 -2.55 0.00	21.91 -2.66 0.00	20.08 -2.46 0.00	21.56 -3.18 1.63	23.05 -3.30 1.76	21.89 -3.39 6.49	23.86 -4.87 13.79	27.38 -5.63 13.91	30.69 -6.33 13.92	29.26 -5.23 11.06	23.09 -3.91 10.37	18.43 -3.22 10.70
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.82 -2.34 0.45	27.64 -2.25 0.21	27.12 -2.15 0.00	26.32 -1.93 0.00	24.84 -2.16 2.09	11.36 -2.39 16.70	15.89 -2.89 15.52	11.96 -2.15 17.17	24.84 -1.75 2.16	23.72 -1.63 0.06	23.03 -1.57 0.00	22.93 -1.43 0.00	22.84 -1.52 0.00	23.06 -1.51 0.00	21.12 -1.43 0.00	22.37 -1.97 2.02	23.95 -2.31 1.85	22.56 -2.41 6.80	24.46 -3.60 14.46	28.38 -3.95 14.59	31.73 -4.62 14.60	29.81 -4.13 11.60	22.87 -3.63 10.87	17.78 -3.36 11.22
ARTHUR KILL_GT_1 23520	35.15 2.54 0.00	32.40 2.30 0.00	31.46 2.18 0.00	30.33 2.08 0.00	31.29 2.19 0.00	32.83 2.37 0.00	37.15 2.85 -0.01	34.10 2.81 0.00	31.50 2.75 0.00	27.91 2.51 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.77 2.40 0.00	27.06 2.49 0.00	24.87 2.32 0.00	29.18 2.82 0.00	31.13 3.02 0.00	34.99 3.23 0.00	46.44 3.90 -0.01	51.06 4.14 -0.01	55.51 4.56 -0.01	49.40 3.85 0.00	40.34 2.97 0.00	34.65 2.31 0.00
ARTHUR_KILL_2 23512	35.07 2.46 0.00	32.33 2.23 0.00	31.38 2.10 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.05 2.75 -0.01	33.98 2.70 0.00	31.42 2.67 0.00	27.85 2.45 0.00	26.99 2.39 0.00	26.74 2.38 0.00	26.72 2.35 0.00	27.01 2.43 0.00	24.82 2.27 0.00	29.11 2.76 0.00	31.06 2.94 0.00	34.90 3.14 0.00	46.31 3.78 -0.01	50.94 4.01 -0.01	55.35 4.40 -0.01	49.26 3.71 0.00	40.23 2.86 0.00	34.56 2.21 0.00
ARTHUR_KILL_3 23513	34.77 2.16 0.00	32.04 1.94 0.00	31.12 1.84 0.00	30.01 1.76 0.00	30.95 1.86 0.00	32.45 2.00 0.00	36.70 2.41 0.00	33.67 2.39 0.00	31.15 2.40 0.00	27.66 2.26 0.00	26.83 2.23 0.00	26.59 2.23 0.00	26.58 2.21 0.00	26.86 2.29 0.00	24.69 2.15 0.00	28.96 2.60 0.00	30.88 2.77 0.00	34.65 2.88 0.00	45.99 3.47 0.00	50.53 3.61 0.00	54.92 3.98 0.00	48.88 3.34 0.00	39.93 2.56 0.00	34.28 1.93 0.00

ARTHUR_KILL_COGEN 323718	35.15 2.54 0.00	32.41 2.31 0.00	31.46 2.18 0.00	30.33 2.08 0.00	31.29 2.19 0.00	32.82 2.36 0.00	37.14 2.84 -0.01	34.07 2.79 0.00	31.50 2.75 0.00	27.91 2.51 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.77 2.40 0.00	27.06 2.48 0.00	24.87 2.32 0.00	29.18 2.82 0.00	31.13 3.01 0.00	34.98 3.22 0.00	46.43 3.90 -0.01	51.06 4.14 -0.01	55.50 4.55 -0.01	49.39 3.84 0.00	40.33 2.96 0.00	34.64 2.29 0.00
ASHOKAN____ 23654	34.13 1.52 0.00	31.42 1.33 0.00	30.52 1.25 0.00	29.43 1.18 0.00	30.35 1.25 0.00	31.81 1.35 0.00	36.03 1.74 0.00	32.93 1.65 0.00	30.26 1.51 0.00	26.75 1.34 0.00	25.79 1.19 0.00	25.51 1.16 0.00	25.53 1.17 0.00	25.84 1.27 0.00	23.79 1.25 0.00	27.97 1.62 0.00	29.88 1.77 0.00	33.74 1.98 0.00	45.07 2.55 0.00	49.68 2.76 0.00	54.15 3.21 0.00	48.33 2.78 0.00	39.47 2.10 0.00	33.97 1.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.83 2.22 0.00	32.11 2.02 0.00	31.13 1.86 0.00	30.03 1.78 0.00	30.97 1.87 0.00	32.47 2.01 0.00	36.74 2.45 0.00	33.76 2.48 0.00	31.20 2.46 0.00	27.69 2.28 0.00	26.84 2.24 0.00	26.60 2.24 0.00	26.57 2.21 0.00	26.86 2.29 0.00	24.70 2.16 0.00	28.90 2.55 0.00	30.79 2.68 0.00	34.55 2.79 0.00	45.68 3.16 0.00	50.36 3.44 0.01	54.75 3.81 0.00	48.72 3.17 0.01	39.85 2.48 0.00	34.31 1.96 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.84 2.23 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.88 0.00	32.49 2.03 0.00	36.75 2.46 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.87 2.30 0.00	24.71 2.16 0.00	28.90 2.55 0.00	30.79 2.68 0.00	34.55 2.79 0.00	45.68 3.16 0.00	50.36 3.44 0.01	54.75 3.81 0.00	48.72 3.17 0.01	39.85 2.48 0.00	34.31 1.96 0.00
ASTORIA_GT2_1 24094	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT2_2 24095	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT2_3 24096	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT2_4 24097	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT3_1 24098	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT3_2 24099	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT3_3 24100	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT3_4 24101	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT4_1 24102	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT4_2 24103	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT4_3 24104	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00

ASTORIA_GT4_4 24105	34.85 2.24 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.89 0.00	32.50 2.04 0.00	36.77 2.47 0.00	33.80 2.52 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.88 2.30 0.00	24.71 2.16 0.00	28.91 2.55 0.00	30.80 2.69 0.00	34.58 2.81 0.00	45.72 3.19 0.00	50.39 3.48 0.01	54.79 3.85 0.00	48.75 3.21 0.01	39.88 2.51 0.00	34.33 1.99 0.00
ASTORIA_GT_1 23523	34.90 2.29 0.00	32.17 2.07 0.00	31.19 1.92 0.00	30.08 1.83 0.00	31.02 1.93 0.00	32.55 2.09 0.00	36.82 2.53 0.00	33.86 2.58 0.00	31.27 2.52 0.00	27.75 2.34 0.00	26.89 2.29 0.00	26.65 2.29 0.00	26.63 2.26 0.00	26.92 2.35 0.00	24.75 2.21 0.00	28.96 2.60 0.00	30.86 2.75 0.00	34.64 2.87 0.00	45.80 3.27 0.00	50.47 3.56 0.01	54.89 3.95 0.00	48.82 3.28 0.01	39.95 2.57 0.00	34.38 2.03 0.00
ASTORIA_GT_10 24110	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.88 0.00	31.07 1.98 0.00	32.56 2.10 0.00	36.78 2.49 0.00	33.82 2.54 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.06 2.71 0.00	30.96 2.85 0.00	34.72 2.96 0.00	46.02 3.50 0.00	50.62 3.70 0.00	55.01 4.07 0.00	48.98 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
ASTORIA_GT_11 24225	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.88 0.00	31.07 1.98 0.00	32.56 2.10 0.00	36.78 2.49 0.00	33.82 2.54 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.06 2.71 0.00	30.96 2.85 0.00	34.72 2.96 0.00	46.02 3.50 0.00	50.62 3.70 0.00	55.01 4.07 0.00	48.98 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
ASTORIA_GT_12 24226	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.88 0.00	31.07 1.98 0.00	32.56 2.10 0.00	36.78 2.49 0.00	33.82 2.54 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.06 2.71 0.00	30.96 2.85 0.00	34.72 2.96 0.00	46.02 3.50 0.00	50.62 3.70 0.00	55.01 4.07 0.00	48.98 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
ASTORIA_GT_13 24227	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.88 0.00	31.07 1.98 0.00	32.56 2.10 0.00	36.78 2.49 0.00	33.82 2.54 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.06 2.71 0.00	30.96 2.85 0.00	34.72 2.96 0.00	46.02 3.50 0.00	50.62 3.70 0.00	55.01 4.07 0.00	48.98 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
ASTORIA_GT_5 24106	34.90 2.29 0.00	32.17 2.07 0.00	31.19 1.92 0.00	30.08 1.83 0.00	31.02 1.93 0.00	32.55 2.09 0.00	36.82 2.53 0.00	33.86 2.58 0.00	31.27 2.52 0.00	27.75 2.34 0.00	26.89 2.29 0.00	26.65 2.29 0.00	26.63 2.26 0.00	26.92 2.35 0.00	24.75 2.21 0.00	28.96 2.60 0.00	30.86 2.75 0.00	34.64 2.87 0.00	45.80 3.27 0.00	50.47 3.56 0.01	54.89 3.95 0.00	48.82 3.28 0.01	39.95 2.57 0.00	34.38 2.03 0.00
ASTORIA_GT_7 24107	34.90 2.29 0.00	32.17 2.07 0.00	31.19 1.92 0.00	30.08 1.83 0.00	31.02 1.93 0.00	32.55 2.09 0.00	36.82 2.53 0.00	33.86 2.58 0.00	31.27 2.52 0.00	27.75 2.34 0.00	26.89 2.29 0.00	26.65 2.29 0.00	26.63 2.26 0.00	26.92 2.35 0.00	24.75 2.21 0.00	28.96 2.60 0.00	30.86 2.75 0.00	34.64 2.87 0.00	45.80 3.27 0.00	50.47 3.56 0.01	54.89 3.95 0.00	48.82 3.28 0.01	39.95 2.57 0.00	34.38 2.03 0.00
ASTORIA_GT_8 24108	34.90 2.29 0.00	32.17 2.07 0.00	31.19 1.92 0.00	30.08 1.83 0.00	31.02 1.93 0.00	32.55 2.09 0.00	36.82 2.53 0.00	33.86 2.58 0.00	31.27 2.52 0.00	27.75 2.34 0.00	26.89 2.29 0.00	26.65 2.29 0.00	26.63 2.26 0.00	26.92 2.35 0.00	24.75 2.21 0.00	28.96 2.60 0.00	30.86 2.75 0.00	34.64 2.87 0.00	45.80 3.27 0.00	50.47 3.56 0.01	54.89 3.95 0.00	48.82 3.28 0.01	39.95 2.57 0.00	34.38 2.03 0.00
ASTORIA___2 24149	34.84 2.23 0.00	32.13 2.03 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.98 1.88 0.00	32.49 2.03 0.00	36.75 2.46 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.69 2.29 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.87 2.30 0.00	24.71 2.16 0.00	28.90 2.55 0.00	30.80 2.69 0.00	34.56 2.80 0.00	45.71 3.19 0.00	50.37 3.46 0.01	54.78 3.84 0.00	48.74 3.20 0.01	39.88 2.51 0.00	34.32 1.97 0.00
ASTORIA___3 23516	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.87 0.00	31.07 1.98 0.00	32.55 2.09 0.00	36.77 2.48 0.00	33.78 2.50 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.32 0.00	26.98 2.41 0.00	24.79 2.25 0.00	29.06 2.70 0.00	30.96 2.85 0.00	34.72 2.95 0.00	46.01 3.48 0.00	50.61 3.69 0.00	55.00 4.06 0.00	48.97 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
ASTORIA___4 23517	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.88 0.00	31.07 1.98 0.00	32.56 2.10 0.00	36.78 2.49 0.00	33.82 2.54 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.06 2.71 0.00	30.96 2.85 0.00	34.72 2.96 0.00	46.02 3.50 0.00	50.62 3.70 0.00	55.01 4.07 0.00	48.98 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
ASTORIA___5 23518	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.87 0.00	31.07 1.98 0.00	32.55 2.09 0.00	36.77 2.48 0.00	33.78 2.50 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.32 0.00	26.97 2.40 0.00	24.79 2.25 0.00	29.06 2.70 0.00	30.96 2.85 0.00	34.72 2.95 0.00	46.01 3.48 0.00	50.61 3.69 0.00	55.00 4.06 0.00	48.97 3.43 0.00	40.02 2.65 0.00	34.41 2.07 0.00
AST_ENERGY_2_CC3 323677	34.85 2.24 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.03 1.94 0.00	32.52 2.07 0.00	36.77 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.20 0.00	29.01 2.66 0.00	30.94 2.82 0.00	34.70 2.93 0.00	46.05 3.52 0.00	50.58 3.66 0.00	55.00 4.06 0.00	48.96 3.42 0.00	40.00 2.63 0.00	34.37 2.03 0.00
AST_ENERGY_2_CC4 323678	34.85 2.24 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.03 1.94 0.00	32.52 2.07 0.00	36.77 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.20 0.00	29.01 2.66 0.00	30.94 2.82 0.00	34.70 2.93 0.00	46.05 3.52 0.00	50.58 3.66 0.00	55.00 4.06 0.00	48.96 3.42 0.00	40.00 2.63 0.00	34.37 2.03 0.00

ATHENS_STG_1 23668	33.90 1.29 0.00	31.26 1.16 0.00	30.38 1.11 0.00	29.31 1.05 0.00	30.21 1.12 0.00	31.65 1.19 0.00	35.72 1.42 0.00	32.62 1.34 0.00	29.93 1.19 0.00	26.52 1.11 0.00	25.73 1.13 0.00	25.52 1.17 0.00	25.56 1.20 0.00	25.79 1.22 0.00	23.69 1.15 0.00	27.75 1.39 0.00	29.59 1.47 0.00	33.33 1.57 0.00	44.46 1.93 0.00	48.96 2.04 0.00	53.30 2.36 0.00	47.61 2.06 0.00	38.95 1.58 0.00	33.62 1.27 0.00
ATHENS_STG_2 23670	33.90 1.29 0.00	31.26 1.16 0.00	30.38 1.11 0.00	29.31 1.05 0.00	30.21 1.12 0.00	31.65 1.19 0.00	35.72 1.42 0.00	32.62 1.34 0.00	29.93 1.19 0.00	26.52 1.11 0.00	25.73 1.13 0.00	25.52 1.17 0.00	25.56 1.20 0.00	25.79 1.22 0.00	23.69 1.15 0.00	27.75 1.39 0.00	29.59 1.47 0.00	33.33 1.57 0.00	44.46 1.93 0.00	48.96 2.04 0.00	53.30 2.36 0.00	47.61 2.06 0.00	38.95 1.58 0.00	33.62 1.27 0.00
ATHENS_STG_3 23677	33.90 1.29 0.00	31.26 1.16 0.00	30.38 1.11 0.00	29.31 1.05 0.00	30.21 1.12 0.00	31.65 1.19 0.00	35.72 1.42 0.00	32.62 1.34 0.00	29.93 1.19 0.00	26.52 1.11 0.00	25.73 1.13 0.00	25.52 1.17 0.00	25.56 1.20 0.00	25.79 1.22 0.00	23.69 1.15 0.00	27.75 1.39 0.00	29.59 1.47 0.00	33.33 1.57 0.00	44.46 1.93 0.00	48.96 2.04 0.00	53.30 2.36 0.00	47.61 2.06 0.00	38.95 1.58 0.00	33.62 1.27 0.00
AUBURN___LFGE 323710	32.69 0.03 -0.05	30.13 0.02 -0.02	29.28 0.00 0.00	28.27 0.02 0.00	29.26 -0.05 -0.21	32.10 -0.04 -1.69	35.83 -0.03 -1.57	32.84 -0.18 -1.74	28.74 -0.23 -0.22	25.06 -0.35 -0.01	24.24 -0.37 0.00	23.95 -0.41 0.00	23.95 -0.42 0.00	24.25 -0.33 0.00	22.21 -0.33 0.00	26.27 -0.30 -0.21	27.83 -0.28 0.00	31.44 -0.32 0.00	42.16 -0.37 0.00	46.76 -0.16 0.00	50.80 -0.15 0.00	45.47 -0.07 0.00	37.32 -0.05 0.00	32.24 -0.11 0.00
BABYLON_RES_REC 323704	35.54 2.93 0.00	33.42 2.57 -0.76	31.64 2.37 0.00	30.50 2.25 0.00	31.53 2.44 0.00	33.07 2.61 0.00	37.44 3.14 0.00	34.23 2.94 0.00	31.48 2.74 0.00	27.58 2.18 0.00	26.94 2.33 0.00	26.79 2.43 0.00	26.76 2.40 0.00	26.91 2.34 0.00	24.81 2.26 0.00	29.19 2.83 0.00	31.33 3.22 0.00	35.17 3.41 0.00	46.88 4.36 0.00	51.53 4.61 0.00	55.93 4.99 0.00	49.77 4.22 0.00	40.74 3.37 0.00	34.92 2.56 0.00
BALL_HILL_WT_PWR 323825	29.75 -2.39 0.48	27.68 -2.20 0.22	27.20 -2.07 0.00	26.35 -1.90 0.00	24.81 -2.05 2.24	10.53 -2.06 17.87	15.07 -2.62 16.60	10.97 -1.94 18.37	24.70 -1.74 2.31	23.71 -1.63 0.06	22.98 -1.62 0.00	22.75 -1.61 0.00	22.65 -1.71 0.00	22.82 -1.75 0.00	20.93 -1.62 0.00	22.02 -2.17 2.17	23.37 -2.43 2.32	20.70 -2.53 8.54	20.78 -3.58 18.15	24.59 -4.02 18.31	27.94 -4.68 18.33	26.94 -4.04 14.56	20.41 -3.30 13.65	15.38 -2.89 14.08
BARON_WINDS___WT_PWR 323822	29.39 -1.45 1.77	27.61 -1.66 0.83	27.39 -1.87 0.02	26.50 -1.75 0.00	19.03 -1.81 8.26	-37.09 -1.61 65.94	-28.80 -1.83 61.26	-38.07 -1.58 67.77	18.72 -1.49 8.54	23.88 -1.29 0.24	23.39 -1.22 0.00	23.01 -1.35 0.00	22.96 -1.41 0.00	23.16 -1.41 0.00	21.30 -1.24 0.00	16.73 -1.53 8.10	16.13 -1.62 10.37	-8.00 -1.60 38.16	-40.63 -2.01 81.15	-37.02 -2.10 81.84	-33.42 -2.46 81.90	-21.85 -2.32 65.08	-25.73 -2.07 61.03	-32.50 -1.92 62.93
BARRETT_IC_1 23704	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_10 23701	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_11 23702	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_12 23703	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_2 23705	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_3 23706	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_4 23707	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_5 23708	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00

BARRETT_IC_6 23709	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_7 23710	35.03 2.42 0.00	32.22 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.01 0.00	32.62 2.17 0.00	36.93 2.63 0.00	33.79 2.51 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.65 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.04 0.00	46.28 3.75 0.00	50.86 3.94 0.00	55.25 4.31 0.00	49.18 3.63 0.00	40.22 2.85 0.00	34.49 2.14 0.00
BARRETT_IC_8 23711	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT_IC_9 23700	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT___1 23545	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BARRETT___2 23546	35.03 2.42 0.00	32.23 2.13 0.00	31.21 1.94 0.00	30.09 1.84 0.00	31.10 2.00 0.00	32.61 2.16 0.00	36.92 2.63 0.00	33.77 2.49 0.00	31.13 2.38 0.00	27.37 1.97 0.00	26.74 2.13 0.00	26.56 2.20 0.00	26.56 2.19 0.00	26.74 2.17 0.00	24.64 2.10 0.00	28.98 2.62 0.00	31.01 2.90 0.00	34.80 3.03 0.00	46.27 3.74 0.00	50.85 3.93 0.00	55.25 4.31 0.00	49.17 3.62 0.00	40.21 2.84 0.00	34.48 2.13 0.00
BATAVIA__115KV_TB1 55881	30.61 -1.75 0.25	28.46 -1.52 0.12	27.94 -1.34 0.00	27.04 -1.21 0.00	26.69 -1.23 1.18	19.95 -1.09 9.41	24.00 -1.55 8.74	20.36 -1.25 9.67	26.13 -1.39 1.22	23.96 -1.42 0.03	23.15 -1.46 0.00	22.67 -1.69 0.00	22.52 -1.84 0.00	22.66 -1.92 0.00	20.82 -1.73 0.00	22.96 -2.30 1.11	24.53 -2.37 1.21	25.01 -2.29 4.46	29.92 -3.12 9.48	34.07 -3.28 9.56	37.93 -3.44 9.57	35.19 -2.75 7.61	28.15 -2.09 7.13	23.23 -1.76 7.36
BAYONEEC___CTG1 323682	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG10 323750	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG2 323683	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG3 323684	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG4 323685	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG5 323686	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG6 323687	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG7 323688	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00

BAYONEEC___CTG8 323689	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYONEEC___CTG9 323749	34.85 2.24 0.00	32.12 2.02 0.00	31.19 1.91 0.00	30.08 1.83 0.00	31.03 1.93 0.00	32.52 2.07 0.00	36.78 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.65 2.29 0.00	26.64 2.27 0.00	26.93 2.36 0.00	24.75 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.72 2.96 0.00	46.06 3.54 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.37 2.02 0.00
BAYPORT_69_KV_BK 2 356364	36.13 3.51 0.00	40.15 3.10 -6.96	32.13 2.85 0.00	30.96 2.71 0.00	32.06 2.97 0.00	33.57 3.11 0.00	37.99 3.70 0.00	34.65 3.36 0.00	31.88 3.14 0.00	27.82 2.41 0.00	27.20 2.59 0.00	27.03 2.68 0.00	27.10 2.74 0.00	27.25 2.67 0.00	25.12 2.57 0.00	29.57 3.21 0.00	31.73 3.62 0.00	35.78 4.01 0.00	47.57 5.04 0.00	52.34 5.42 0.00	56.73 5.79 0.00	50.44 4.89 0.00	41.33 3.96 0.00	35.44 3.09 0.00
BEACON___LESR 323632	33.54 0.93 0.00	30.96 0.86 0.00	30.11 0.84 0.00	29.04 0.79 0.00	29.91 0.81 0.00	31.29 0.84 0.00	35.27 0.97 0.00	32.06 0.78 0.00	29.24 0.50 0.00	25.96 0.55 0.00	25.16 0.56 0.00	24.94 0.59 0.00	24.97 0.60 0.00	25.18 0.61 0.00	23.16 0.62 0.00	27.22 0.87 0.00	28.99 0.88 0.00	32.72 0.96 0.00	43.80 1.28 0.00	48.26 1.34 0.00	52.56 1.61 0.00	47.06 1.51 0.00	38.57 1.20 0.00	33.54 1.19 0.00
BEAVER RIVER___HYD 24048	32.53 -0.08 0.00	30.04 -0.06 0.00	29.00 -0.28 0.00	27.91 -0.34 0.00	28.67 -0.42 0.00	30.25 -0.21 0.00	34.06 -0.24 0.00	30.68 -0.60 0.00	28.06 -0.68 0.00	24.72 -0.69 0.00	23.86 -0.74 0.00	23.61 -0.75 0.00	23.62 -0.75 0.00	23.81 -0.77 0.00	21.84 -0.70 0.00	25.56 -0.80 0.00	27.32 -0.80 0.00	30.95 -0.81 0.00	41.78 -0.74 0.00	46.56 -0.36 0.00	51.37 0.43 0.00	46.11 0.56 0.00	37.95 0.58 0.00	32.62 0.27 0.00
BEEBEE_GT_13 23619	31.41 -1.16 0.05	29.05 -1.02 0.02	28.33 -0.94 0.00	27.38 -0.87 0.00	27.97 -0.90 0.22	27.80 -0.87 1.78	31.47 -1.17 1.66	28.53 -0.92 1.83	27.66 -0.86 0.23	24.60 -0.80 0.01	23.78 -0.83 0.00	23.41 -0.94 0.00	23.33 -1.03 0.00	23.53 -1.05 0.00	21.58 -0.96 0.00	25.10 -1.26 0.00	26.83 -1.28 0.00	30.46 -1.30 0.00	40.76 -1.76 0.00	45.01 -1.91 0.00	48.83 -2.11 0.00	43.75 -1.80 0.00	35.91 -1.46 0.00	31.14 -1.21 0.00
BENSHRST_27_KV_BENSHRST_1 355998	35.24 2.63 0.00	32.47 2.36 0.00	31.52 2.24 0.00	30.39 2.13 0.00	31.34 2.24 0.00	32.88 2.42 0.00	37.19 2.90 -0.01	34.17 2.89 0.00	31.58 2.83 0.00	28.02 2.61 0.00	27.17 2.57 0.00	26.93 2.57 0.00	26.92 2.55 0.00	27.20 2.63 0.00	25.00 2.45 0.00	29.32 2.96 0.00	31.25 3.14 0.00	35.10 3.34 0.00	46.56 4.03 -0.01	51.20 4.28 -0.01	55.66 4.71 -0.01	49.52 3.97 0.00	40.44 3.06 0.00	34.74 2.39 0.00
BETHLEHEM___GRP 23843	33.18 0.57 0.00	30.63 0.53 0.00	29.79 0.52 0.00	28.74 0.49 0.00	29.58 0.48 0.00	30.94 0.48 0.00	34.83 0.53 0.00	31.65 0.37 0.00	28.89 0.14 0.00	25.66 0.25 0.00	24.89 0.28 0.00	24.67 0.31 0.00	24.70 0.34 0.00	24.92 0.35 0.00	22.92 0.37 0.00	26.94 0.58 0.00	28.67 0.56 0.00	32.33 0.56 0.00	43.27 0.75 0.00	47.63 0.72 0.00	51.86 0.92 0.00	46.46 0.91 0.00	38.13 0.76 0.00	33.20 0.85 0.00
BETHLEHEM___GS1 323560	33.17 0.56 0.00	30.63 0.53 0.00	29.79 0.52 0.00	28.74 0.49 0.00	29.58 0.48 0.00	30.94 0.48 0.00	34.82 0.53 0.00	31.65 0.37 0.00	28.89 0.14 0.00	25.66 0.25 0.00	24.89 0.28 0.00	24.67 0.32 0.00	24.70 0.34 0.00	24.92 0.34 0.00	22.92 0.37 0.00	26.93 0.57 0.00	28.67 0.56 0.00	32.32 0.56 0.00	43.25 0.72 0.00	47.63 0.71 0.00	51.86 0.92 0.00	46.44 0.90 0.00	38.12 0.75 0.00	33.20 0.85 0.00
BETHLEHEM___GS2 323561	33.17 0.56 0.00	30.63 0.53 0.00	29.79 0.52 0.00	28.74 0.49 0.00	29.58 0.48 0.00	30.94 0.48 0.00	34.82 0.53 0.00	31.65 0.37 0.00	28.89 0.14 0.00	25.66 0.25 0.00	24.89 0.28 0.00	24.67 0.32 0.00	24.70 0.34 0.00	24.92 0.34 0.00	22.92 0.37 0.00	26.93 0.57 0.00	28.67 0.56 0.00	32.32 0.56 0.00	43.25 0.72 0.00	47.63 0.71 0.00	51.86 0.92 0.00	46.44 0.90 0.00	38.12 0.75 0.00	33.20 0.85 0.00
BETHLEHEM___GS3 323562	33.17 0.56 0.00	30.63 0.53 0.00	29.79 0.52 0.00	28.74 0.49 0.00	29.58 0.48 0.00	30.94 0.48 0.00	34.82 0.53 0.00	31.65 0.37 0.00	28.89 0.14 0.00	25.66 0.25 0.00	24.89 0.28 0.00	24.67 0.32 0.00	24.70 0.34 0.00	24.92 0.34 0.00	22.92 0.37 0.00	26.93 0.57 0.00	28.67 0.56 0.00	32.32 0.56 0.00	43.25 0.72 0.00	47.63 0.71 0.00	51.86 0.92 0.00	46.44 0.90 0.00	38.12 0.75 0.00	33.20 0.85 0.00
BETHLEHEM___STEEL 23779	29.68 -2.46 0.47	27.67 -2.21 0.22	27.21 -2.06 0.00	26.33 -1.92 0.00	24.91 -2.01 2.18	11.11 -1.95 17.40	15.61 -2.53 16.16	11.47 -1.93 17.88	24.75 -1.74 2.25	23.71 -1.64 0.06	22.94 -1.66 0.00	22.63 -1.73 0.00	22.51 -1.85 0.00	22.66 -1.91 0.00	20.77 -1.78 0.00	21.88 -2.36 2.12	23.30 -2.54 2.27	20.75 -2.64 8.36	21.01 -3.74 17.78	24.76 -4.23 17.94	28.19 -4.80 17.95	27.18 -4.10 14.26	20.72 -3.28 13.38	15.78 -2.78 13.79
BETHLHEM_115KV_TB1 79974	33.24 0.63 0.00	30.69 0.59 0.00	29.85 0.57 0.00	28.80 0.55 0.00	29.65 0.55 0.00	31.01 0.55 0.00	34.92 0.62 0.00	31.69 0.41 0.00	28.91 0.16 0.00	25.67 0.26 0.00	24.90 0.29 0.00	24.69 0.33 0.00	24.71 0.35 0.00	24.92 0.35 0.00	22.93 0.38 0.00	27.01 0.65 0.00	28.75 0.64 0.00	32.42 0.66 0.00	43.37 0.85 0.00	47.76 0.84 0.00	52.00 1.06 0.00	46.56 1.02 0.00	38.20 0.83 0.00	33.23 0.88 0.00
BETHPAGE_CC_5 323564	35.44 2.83 0.00	33.03 2.49 -0.45	31.57 2.29 0.00	30.43 2.18 0.00	31.46 2.37 0.00	32.98 2.53 0.00	37.35 3.05 0.00	34.15 2.87 0.00	31.46 2.71 0.00	27.62 2.21 0.00	26.97 2.36 0.00	26.82 2.46 0.00	26.78 2.42 0.00	26.96 2.38 0.00	24.85 2.30 0.00	29.23 2.87 0.00	31.32 3.20 0.00	35.16 3.40 0.00	46.77 4.25 0.00	51.41 4.49 0.00	55.80 4.86 0.00	49.67 4.12 0.00	40.67 3.30 0.00	34.85 2.50 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.73 -2.43 0.46	27.70 -2.18 0.21	27.24 -2.03 0.00	26.36 -1.89 0.00	24.98 -1.98 2.14	11.48 -1.92 17.06	15.96 -2.49 15.85	11.87 -1.88 17.53	24.83 -1.71 2.21	23.75 -1.59 0.06	22.98 -1.63 0.00	22.67 -1.69 0.00	22.56 -1.81 0.00	22.71 -1.86 0.00	20.81 -1.74 0.00	21.98 -2.32 2.06	23.46 -2.50 2.15	21.24 -2.59 7.94	21.99 -3.66 16.87	25.74 -4.16 17.02	29.17 -4.74 17.03	27.97 -4.04 13.53	21.45 -3.24 12.69	16.51 -2.75 13.08

BINGHAMTON___COGEN 23790	32.79 0.13 -0.05	30.18 0.06 -0.02	29.31 0.04 0.00	28.30 0.05 0.00	29.40 0.07 -0.23	32.43 0.13 -1.85	36.10 0.09 -1.72	33.28 0.10 -1.90	29.02 0.03 -0.24	25.38 -0.03 -0.01	24.59 -0.02 0.00	24.35 -0.01 0.00	24.37 0.01 0.00	24.57 0.00 0.00	22.56 0.01 0.00	26.54 -0.02 -0.20	28.09 -0.02 0.00	31.79 0.02 0.00	42.53 0.01 0.00	46.98 0.06 0.00	50.98 0.04 0.00	45.59 0.04 0.00	37.39 0.02 0.00	32.31 -0.04 0.00
BIXINCNT_115KV_LOAD 355685	29.91 -2.28 0.42	27.81 -2.09 0.20	27.22 -2.05 0.00	26.29 -1.96 0.00	25.07 -2.06 1.96	12.62 -2.14 15.70	16.95 -2.76 14.58	13.28 -1.87 16.14	25.03 -1.68 2.03	23.90 -1.45 0.06	23.08 -1.52 0.00	22.80 -1.56 0.00	22.72 -1.65 0.00	22.91 -1.67 0.00	20.97 -1.57 0.00	22.36 -2.12 1.89	24.15 -2.38 1.58	23.40 -2.55 5.82	26.55 -3.60 12.37	30.25 -4.19 12.48	33.69 -4.76 12.49	31.44 -4.18 9.92	24.60 -3.46 9.31	19.64 -3.11 9.60
BLACK RIVER___HYD 24047	32.56 -0.05 0.00	30.05 -0.05 0.00	28.99 -0.29 0.00	27.84 -0.41 0.00	28.62 -0.47 0.00	30.24 -0.22 0.00	33.99 -0.30 0.00	30.54 -0.75 0.00	27.85 -0.90 0.00	24.56 -0.85 0.00	23.70 -0.90 0.00	23.46 -0.90 0.00	23.51 -0.86 0.00	23.69 -0.88 0.00	21.73 -0.81 0.00	25.42 -0.93 0.00	27.16 -0.95 0.00	30.85 -0.92 0.00	41.59 -0.93 0.00	46.49 -0.43 0.00	51.56 0.62 0.00	46.28 0.73 0.00	38.03 0.66 0.00	32.69 0.34 0.00
BLACKRVR_115KV_TB2 79977	32.56 -0.06 0.00	30.05 -0.05 0.00	28.99 -0.29 0.00	27.84 -0.41 0.00	28.62 -0.47 0.00	30.24 -0.22 0.00	33.99 -0.30 0.00	30.54 -0.75 0.00	27.85 -0.90 0.00	24.56 -0.85 0.00	23.70 -0.90 0.00	23.46 -0.90 0.00	23.50 -0.86 0.00	23.69 -0.88 0.00	21.73 -0.81 0.00	25.42 -0.93 0.00	27.16 -0.95 0.00	30.85 -0.92 0.00	41.60 -0.93 0.00	46.50 -0.42 0.00	51.56 0.62 0.00	46.28 0.74 0.00	38.03 0.66 0.00	32.69 0.34 0.00
BLISS_WT_PWR 323608	29.85 -2.34 0.42	27.75 -2.15 0.20	27.15 -2.12 0.00	26.20 -2.05 0.00	24.98 -2.15 1.96	12.51 -2.24 15.70	16.83 -2.88 14.58	13.28 -1.86 16.14	24.98 -1.74 2.03	23.87 -1.48 0.06	23.06 -1.55 0.00	22.77 -1.59 0.00	22.70 -1.67 0.00	22.91 -1.67 0.00	20.97 -1.58 0.00	22.34 -2.13 1.89	24.12 -2.41 1.58	23.38 -2.57 5.82	26.56 -3.59 12.37	30.23 -4.21 12.48	33.62 -4.84 12.49	31.35 -4.27 9.92	24.51 -3.56 9.31	19.52 -3.23 9.60
BLUESTONE___WT_PWR 323821	33.79 1.18 0.00	31.05 0.95 0.00	30.14 0.86 0.00	29.03 0.78 0.00	30.15 1.06 0.00	31.74 1.29 0.00	35.67 1.38 0.00	32.44 1.16 0.00	29.75 1.00 0.00	26.21 0.80 0.00	25.32 0.72 0.00	25.09 0.73 0.00	25.13 0.76 0.00	25.39 0.82 0.00	23.36 0.82 0.00	27.33 0.97 0.00	29.25 1.15 0.00	33.15 1.39 0.00	44.56 2.03 0.00	49.34 2.43 0.00	53.47 2.52 0.00	47.69 2.15 0.00	38.91 1.54 0.00	33.46 1.12 0.00
BLUE_CIRC_CHEM_DRP 24182	33.57 0.96 0.00	30.99 0.89 0.00	30.15 0.88 0.00	29.08 0.83 0.00	29.96 0.87 0.00	31.36 0.90 0.00	35.30 1.01 0.00	32.07 0.79 0.00	29.27 0.53 0.00	25.93 0.52 0.00	25.13 0.53 0.00	24.93 0.56 0.00	24.96 0.59 0.00	25.17 0.59 0.00	23.14 0.59 0.00	27.13 0.77 0.00	28.93 0.82 0.00	32.66 0.90 0.00	43.72 1.19 0.00	48.20 1.28 0.00	52.52 1.58 0.00	47.00 1.46 0.00	38.54 1.17 0.00	33.45 1.10 0.00
BOC_GAS_DRP 24189	33.41 0.80 0.00	30.83 0.73 0.00	29.98 0.71 0.00	28.92 0.67 0.00	29.80 0.70 0.00	31.18 0.72 0.00	35.15 0.86 0.00	32.05 0.77 0.00	29.35 0.60 0.00	26.03 0.62 0.00	25.25 0.64 0.00	25.04 0.68 0.00	25.07 0.71 0.00	25.29 0.71 0.00	23.24 0.69 0.00	27.20 0.84 0.00	28.97 0.85 0.00	32.66 0.89 0.00	43.63 1.11 0.00	48.07 1.15 0.00	52.32 1.38 0.00	46.81 1.26 0.00	38.36 0.99 0.00	33.24 0.89 0.00
BOONVILLE_115KV_TB1 79983	33.26 0.65 0.00	30.69 0.59 0.00	29.70 0.43 0.00	28.63 0.38 0.00	29.46 0.36 0.00	30.99 0.53 0.00	34.89 0.60 0.00	31.50 0.22 0.00	28.77 0.02 0.00	25.32 -0.09 0.00	24.47 -0.14 0.00	24.21 -0.15 0.00	24.22 -0.14 0.00	24.44 -0.14 0.00	22.45 -0.10 0.00	26.27 -0.09 0.00	28.08 -0.03 0.00	31.87 0.11 0.00	43.09 0.56 0.00	47.91 0.99 0.00	52.46 1.52 0.00	46.95 1.41 0.00	38.51 1.14 0.00	33.15 0.80 0.00
BORALEX_4TH_BRANCH 23824	34.12 1.51 0.00	31.47 1.37 0.00	30.65 1.38 0.00	29.57 1.32 0.00	30.47 1.38 0.00	31.84 1.38 0.00	35.97 1.68 0.00	32.67 1.39 0.00	29.63 0.88 0.00	26.32 0.91 0.00	25.52 0.91 0.00	25.30 0.95 0.00	25.31 0.95 0.00	25.50 0.93 0.00	23.51 0.97 0.00	27.63 1.27 0.00	29.33 1.22 0.00	33.13 1.36 0.00	44.36 1.83 0.00	49.03 2.11 0.00	53.46 2.52 0.00	47.97 2.42 0.00	39.23 1.86 0.00	33.97 1.62 0.00
BOWLINE___1 23526	34.61 2.00 0.00	31.88 1.79 0.00	30.95 1.68 0.00	29.84 1.59 0.00	30.78 1.69 0.00	32.31 1.85 0.00	36.54 2.25 0.00	33.45 2.17 0.00	30.84 2.09 0.00	27.33 1.93 0.00	26.53 1.92 0.00	26.29 1.93 0.00	26.30 1.94 0.00	26.55 1.98 0.00	24.42 1.87 0.00	28.65 2.29 0.00	30.60 2.49 0.00	34.39 2.63 0.00	45.73 3.20 0.00	50.27 3.35 0.00	54.72 3.78 0.00	48.75 3.21 0.00	39.83 2.46 0.00	34.24 1.89 0.00
BOWLINE___2 23595	34.61 2.00 0.00	31.88 1.79 0.00	30.95 1.68 0.00	29.84 1.59 0.00	30.78 1.69 0.00	32.31 1.85 0.00	36.54 2.25 0.00	33.45 2.17 0.00	30.84 2.09 0.00	27.33 1.93 0.00	26.53 1.92 0.00	26.29 1.93 0.00	26.30 1.94 0.00	26.55 1.98 0.00	24.42 1.87 0.00	28.65 2.29 0.00	30.60 2.49 0.00	34.39 2.63 0.00	45.73 3.20 0.00	50.27 3.35 0.00	54.72 3.78 0.00	48.75 3.21 0.00	39.83 2.46 0.00	34.24 1.89 0.00
BRADY___115KV_TB2 356060	32.50 -0.11 0.00	30.06 -0.04 0.00	29.28 0.00 0.00	28.27 0.02 0.00	29.03 -0.06 0.00	30.45 -0.01 0.00	34.39 0.10 0.00	31.17 -0.12 0.00	28.70 -0.05 0.00	25.27 -0.14 0.00	24.39 -0.22 0.00	24.07 -0.29 0.00	24.01 -0.35 0.00	24.20 -0.38 0.00	22.15 -0.40 0.00	25.88 -0.48 0.00	27.64 -0.47 0.00	31.21 -0.55 0.00	42.00 -0.53 0.00	46.48 -0.43 0.00	50.94 -0.01 0.00	45.80 0.25 0.00	37.69 0.31 0.00	32.52 0.17 0.00
BRANSCOMB___SOLAR 323811	34.31 1.70 0.00	31.65 1.55 0.00	30.80 1.53 0.00	29.72 1.47 0.00	30.64 1.55 0.00	32.07 1.61 0.00	36.20 1.91 0.00	32.79 1.50 0.00	29.67 0.92 0.00	26.20 0.79 0.00	25.32 0.71 0.00	25.10 0.74 0.00	25.10 0.74 0.00	25.34 0.76 0.00	23.35 0.80 0.00	27.44 1.08 0.00	29.34 1.23 0.00	33.23 1.46 0.00	44.69 2.17 0.00	49.50 2.59 0.00	53.86 2.92 0.00	48.23 2.68 0.00	39.46 2.09 0.00	34.16 1.81 0.00
BRDGHMPT_69_KV_BK1 55812	36.74 4.13 0.00	42.65 3.64 -8.91	32.66 3.39 0.00	31.47 3.22 0.00	32.58 3.49 0.00	33.60 3.15 0.00	37.78 3.48 0.00	34.31 3.03 0.00	31.57 2.82 0.00	27.56 2.16 0.00	27.00 2.39 0.00	27.00 2.64 0.00	27.01 2.65 0.00	27.28 2.71 0.00	25.23 2.68 0.00	29.80 3.45 0.00	31.96 3.85 0.00	36.19 4.43 0.00	48.40 5.87 0.00	53.33 6.41 0.00	57.81 6.87 0.00	51.34 5.79 0.00	42.09 4.72 0.00	36.15 3.79 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	35.80 3.19 0.00	35.13 2.81 -2.22	31.87 2.60 0.00	30.72 2.46 0.00	31.78 2.68 0.00	33.31 2.85 0.00	37.70 3.41 0.00	34.44 3.16 0.00	31.67 2.93 0.00	27.69 2.29 0.00	27.07 2.46 0.00	26.95 2.59 0.00	26.94 2.57 0.00	27.07 2.50 0.00	24.96 2.41 0.00	29.36 3.00 0.00	31.50 3.39 0.00	35.43 3.67 0.00	47.16 4.64 0.00	51.84 4.92 0.00	56.23 5.29 0.00	50.02 4.48 0.00	40.97 3.60 0.00	35.12 2.77 0.00
BRISTLHL_115KV_TB1 79998	31.81 -0.80 0.00	29.35 -0.75 0.00	28.52 -0.75 0.00	27.53 -0.73 0.00	28.37 -0.73 0.00	29.68 -0.78 0.00	33.32 -0.98 0.00	30.37 -0.91 0.00	27.85 -0.90 0.00	24.59 -0.82 0.00	23.80 -0.81 0.00	23.55 -0.81 0.00	23.56 -0.81 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.44 -0.92 0.00	27.14 -0.97 0.00	30.69 -1.08 0.00	41.11 -1.42 0.00	45.42 -1.50 0.00	49.40 -1.55 0.00	44.20 -1.35 0.00	36.33 -1.04 0.00	31.55 -0.80 0.00
BROOKHAVEN___DRP 24191	36.04 3.42 0.00	42.08 3.01 -8.98	32.05 2.78 0.00	30.90 2.64 0.00	32.01 2.91 0.00	33.47 3.01 0.00	37.83 3.53 0.00	34.45 3.17 0.00	31.73 2.98 0.00	27.68 2.27 0.00	27.08 2.47 0.00	26.96 2.60 0.00	26.99 2.62 0.00	27.15 2.58 0.00	25.03 2.48 0.00	29.47 3.11 0.00	31.60 3.49 0.00	35.60 3.84 0.00	47.36 4.84 0.00	52.10 5.18 0.00	56.45 5.50 0.00	50.18 4.63 0.00	41.17 3.80 0.00	35.35 3.00 0.00
BROOKLYN_NAVY_YARD 23515	34.78 2.17 0.00	32.06 1.96 0.00	31.14 1.87 0.00	30.02 1.77 0.00	30.96 1.87 0.00	32.45 1.99 0.00	36.69 2.40 0.00	33.68 2.40 0.00	31.15 2.40 0.00	27.65 2.25 0.00	26.81 2.20 0.00	26.57 2.21 0.00	26.57 2.20 0.00	26.85 2.28 0.00	24.67 2.13 0.00	28.93 2.58 0.00	30.85 2.74 0.00	34.59 2.84 0.01	45.91 3.39 0.01	50.43 3.52 0.02	54.84 3.91 0.01	48.83 3.29 0.01	39.89 2.53 0.00	34.27 1.92 0.00
BROOKLYN___ARMY_DRP 323595	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
BROOME_2_LFGE 323671	32.79 0.13 -0.05	30.18 0.06 -0.02	29.31 0.03 0.00	28.30 0.05 0.00	29.40 0.07 -0.23	32.43 0.12 -1.85	36.08 0.07 -1.72	33.27 0.09 -1.90	29.02 0.03 -0.24	25.38 -0.03 -0.01	24.59 -0.02 0.00	24.35 -0.01 0.00	24.37 0.01 0.00	24.58 0.00 0.00	22.56 0.01 0.00	26.53 -0.02 -0.20	28.09 -0.02 0.00	31.78 0.02 0.00	42.53 0.00 0.00	46.98 0.06 0.00	50.98 0.04 0.00	45.59 0.04 0.00	37.38 0.01 0.00	32.31 -0.04 0.00
BROOME___LFGE 323600	32.79 0.13 -0.05	30.18 0.06 -0.02	29.31 0.03 0.00	28.30 0.05 0.00	29.40 0.07 -0.23	32.43 0.12 -1.85	36.08 0.07 -1.72	33.27 0.09 -1.90	29.02 0.03 -0.24	25.38 -0.03 -0.01	24.59 -0.02 0.00	24.35 -0.01 0.00	24.37 0.01 0.00	24.58 0.00 0.00	22.56 0.01 0.00	26.53 -0.02 -0.20	28.09 -0.02 0.00	31.78 0.02 0.00	42.53 0.00 0.00	46.98 0.06 0.00	50.98 0.04 0.00	45.59 0.04 0.00	37.38 0.01 0.00	32.31 -0.04 0.00
BROWNFLS_115KV_TB 3_5 80003	32.17 -0.44 0.00	29.74 -0.36 0.00	28.81 -0.47 0.00	27.77 -0.49 0.00	28.51 -0.58 0.00	30.01 -0.45 0.00	33.83 -0.46 0.00	30.59 -0.70 0.00	28.06 -0.69 0.00	24.71 -0.69 0.00	23.85 -0.76 0.00	23.57 -0.79 0.00	23.55 -0.82 0.00	23.73 -0.84 0.00	21.75 -0.79 0.00	25.44 -0.92 0.00	27.18 -0.93 0.00	30.66 -1.11 0.00	41.34 -1.19 0.00	45.95 -0.97 0.00	50.52 -0.42 0.00	45.44 -0.11 0.00	37.47 0.10 0.00	32.25 -0.09 0.00
BROWNSV1_27_KV_LOAD 356125	35.06 2.45 0.00	32.29 2.19 0.00	31.36 2.08 0.00	30.23 1.98 0.00	31.19 2.10 0.00	32.69 2.24 0.00	36.98 2.68 0.00	33.96 2.68 0.00	31.39 2.65 0.00	27.87 2.46 0.00	27.04 2.43 0.00	26.80 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.13 3.02 0.00	34.92 3.16 0.00	46.33 3.80 0.00	50.90 3.98 0.00	55.35 4.41 0.00	49.28 3.74 0.00	40.25 2.88 0.00	34.57 2.23 0.00
BURROWS___LYONSDAL 23803	33.07 0.46 0.00	30.53 0.43 0.00	29.52 0.24 0.00	28.44 0.19 0.00	29.26 0.16 0.00	30.81 0.35 0.00	34.68 0.39 0.00	31.30 0.02 0.00	28.59 -0.16 0.00	25.17 -0.23 0.00	24.32 -0.29 0.00	24.07 -0.29 0.00	24.08 -0.29 0.00	24.29 -0.29 0.00	22.31 -0.24 0.00	26.10 -0.26 0.00	27.90 -0.21 0.00	31.67 -0.10 0.00	42.79 0.27 0.00	47.61 0.70 0.00	52.23 1.29 0.00	46.77 1.23 0.00	38.38 1.01 0.00	33.03 0.68 0.00
CAITHNESS_CC_1 323624	35.94 3.33 0.00	42.07 2.94 -9.04	31.98 2.71 0.00	30.82 2.57 0.00	31.92 2.82 0.00	33.39 2.94 0.00	37.76 3.47 0.00	34.39 3.11 0.00	31.68 2.93 0.00	27.65 2.25 0.00	27.05 2.45 0.00	26.93 2.57 0.00	26.96 2.59 0.00	27.11 2.54 0.00	24.99 2.45 0.00	29.42 3.06 0.00	31.54 3.43 0.00	35.52 3.76 0.00	47.25 4.72 0.00	51.95 5.03 0.00	56.31 5.37 0.00	50.06 4.51 0.00	41.07 3.69 0.00	35.25 2.90 0.00
CALPINE BETH_PAGE_GT4 24209	35.42 2.81 0.00	32.91 2.47 -0.34	31.56 2.28 0.00	30.42 2.17 0.00	31.45 2.35 0.00	32.99 2.53 0.00	37.34 3.04 0.00	34.15 2.87 0.00	31.46 2.71 0.00	27.62 2.21 0.00	26.97 2.36 0.00	26.82 2.46 0.00	26.78 2.42 0.00	26.96 2.38 0.00	24.85 2.30 0.00	29.23 2.87 0.00	31.31 3.20 0.00	35.16 3.39 0.00	46.77 4.24 0.00	51.39 4.47 0.00	55.79 4.85 0.00	49.67 4.12 0.00	40.66 3.29 0.00	34.84 2.50 0.00
CALPINE_BETH_PAGE_GT_4 323586	35.42 2.81 0.00	32.91 2.47 -0.34	31.56 2.28 0.00	30.42 2.17 0.00	31.45 2.35 0.00	32.98 2.52 0.00	37.33 3.03 0.00	34.14 2.85 0.00	31.45 2.71 0.00	27.62 2.21 0.00	26.97 2.36 0.00	26.82 2.46 0.00	26.78 2.42 0.00	26.96 2.38 0.00	24.85 2.30 0.00	29.23 2.87 0.00	31.30 3.19 0.00	35.15 3.39 0.00	46.76 4.24 0.00	51.37 4.45 0.00	55.80 4.86 0.00	49.66 4.11 0.00	40.65 3.27 0.00	34.84 2.49 0.00
CALPINE_BP_GT1 23823	35.42 2.81 0.00	32.91 2.47 -0.34	31.56 2.28 0.00	30.42 2.17 0.00	31.45 2.35 0.00	32.98 2.52 0.00	37.33 3.03 0.00	34.14 2.85 0.00	31.45 2.71 0.00	27.62 2.21 0.00	26.97 2.36 0.00	26.82 2.46 0.00	26.78 2.42 0.00	26.96 2.38 0.00	24.85 2.30 0.00	29.23 2.87 0.00	31.30 3.19 0.00	35.15 3.39 0.00	46.76 4.24 0.00	51.37 4.45 0.00	55.80 4.86 0.00	49.66 4.11 0.00	40.65 3.27 0.00	34.84 2.49 0.00
CALSPAN___DRP 24200	29.68 -2.46 0.47	27.67 -2.21 0.22	27.21 -2.06 0.00	26.33 -1.92 0.00	24.91 -2.01 2.18	11.11 -1.95 17.40	15.61 -2.53 16.16	11.47 -1.93 17.88	24.75 -1.74 2.25	23.71 -1.64 0.06	22.94 -1.66 0.00	22.63 -1.73 0.00	22.51 -1.85 0.00	22.66 -1.91 0.00	20.77 -1.78 0.00	21.88 -2.36 2.12	23.30 -2.54 2.27	20.75 -2.64 8.36	21.01 -3.74 17.78	24.76 -4.23 17.94	28.19 -4.80 17.95	27.18 -4.10 14.26	20.72 -3.28 13.38	15.78 -2.78 13.79

CALVERTON___SOLAR 323806	36.13 3.52 0.00	42.16 3.10 -8.96	32.14 2.86 0.00	30.98 2.73 0.00	32.10 3.01 0.00	33.52 3.07 0.00	37.87 3.58 0.00	34.45 3.17 0.00	31.74 2.99 0.00	27.69 2.29 0.00	27.08 2.48 0.00	26.97 2.62 0.00	27.00 2.64 0.00	27.17 2.60 0.00	25.06 2.52 0.00	29.52 3.16 0.00	31.67 3.56 0.00	35.69 3.93 0.00	47.50 4.97 0.00	52.26 5.34 0.00	56.63 5.69 0.00	50.32 4.78 0.00	41.29 3.92 0.00	35.47 3.12 0.00
CANDIGU_WT_PWR 323617	29.39 -1.45 1.77	27.61 -1.66 0.83	27.39 -1.87 0.02	26.50 -1.75 0.00	19.03 -1.81 8.26	-37.09 -1.61 65.94	-28.80 -1.83 61.26	-38.07 -1.58 67.77	18.72 -1.49 8.54	23.88 -1.29 0.24	23.39 -1.22 0.00	23.01 -1.35 0.00	22.96 -1.41 0.00	23.16 -1.41 0.00	21.30 -1.24 0.00	16.73 -1.53 8.10	16.13 -1.62 10.37	-8.00 -1.60 38.16	-40.63 -2.01 81.15	-37.02 -2.10 81.84	-33.42 -2.46 81.90	-21.85 -2.32 65.08	-25.73 -2.07 61.03	-32.50 -1.92 62.93
CARR STREET_E_SYR 24060	32.25 -0.36 0.00	29.75 -0.35 0.00	28.93 -0.35 0.00	27.91 -0.34 0.00	28.77 -0.33 0.00	30.11 -0.35 0.00	33.81 -0.49 0.00	30.83 -0.45 0.00	28.27 -0.48 0.00	24.96 -0.45 0.00	24.18 -0.43 0.00	23.91 -0.44 0.00	23.92 -0.44 0.00	24.14 -0.44 0.00	22.15 -0.40 0.00	25.86 -0.50 0.00	27.59 -0.52 0.00	31.21 -0.55 0.00	41.79 -0.74 0.00	46.14 -0.78 0.00	50.14 -0.80 0.00	44.85 -0.69 0.00	36.84 -0.53 0.00	31.96 -0.39 0.00
CARTHAGE___PAPER 23857	32.56 -0.05 0.00	30.06 -0.04 0.00	29.02 -0.26 0.00	27.90 -0.35 0.00	28.67 -0.43 0.00	30.26 -0.20 0.00	34.05 -0.24 0.00	30.63 -0.65 0.00	27.99 -0.75 0.00	24.66 -0.74 0.00	23.81 -0.80 0.00	23.56 -0.80 0.00	23.58 -0.78 0.00	23.77 -0.80 0.00	21.81 -0.74 0.00	25.52 -0.84 0.00	27.27 -0.84 0.00	30.92 -0.84 0.00	41.73 -0.79 0.00	46.57 -0.35 0.00	51.53 0.59 0.00	46.26 0.72 0.00	38.04 0.67 0.00	32.69 0.34 0.00
CASSADAGA_WT_PWR 323784	29.96 -2.20 0.44	27.76 -2.12 0.21	27.22 -2.05 0.00	26.41 -1.84 0.00	24.98 -2.05 2.07	11.70 -2.24 16.51	16.26 -2.69 15.34	12.37 -1.94 16.97	25.00 -1.61 2.14	23.82 -1.53 0.06	23.13 -1.47 0.00	23.04 -1.32 0.00	22.97 -1.40 0.00	23.20 -1.37 0.00	21.19 -1.35 0.00	22.51 -1.85 1.99	24.18 -2.18 1.75	23.05 -2.27 6.44	25.44 -3.39 13.70	29.37 -3.73 13.82	32.71 -4.40 13.83	30.59 -3.97 10.99	23.54 -3.53 10.30	18.43 -3.30 10.63
CE_DUNWOOD___DRP 24194	34.73 2.12 0.00	32.01 1.91 0.00	31.08 1.80 0.00	29.96 1.71 0.00	30.92 1.82 0.00	32.43 1.97 0.00	36.68 2.38 0.00	33.61 2.33 0.00	30.99 2.24 0.00	27.46 2.05 0.00	26.67 2.06 0.00	26.42 2.07 0.00	26.43 2.07 0.00	26.69 2.11 0.00	24.54 2.00 0.00	28.79 2.43 0.00	30.73 2.62 0.00	34.53 2.76 0.00	45.90 3.37 0.00	50.44 3.52 0.00	54.88 3.94 0.00	48.89 3.34 0.00	39.94 2.56 0.00	34.33 1.98 0.00
CE_MILLWOOD___DRP 24193	34.68 2.07 0.00	31.95 1.85 0.00	31.03 1.75 0.00	29.91 1.66 0.00	30.87 1.77 0.00	32.38 1.92 0.00	36.61 2.32 0.00	33.55 2.26 0.00	30.91 2.16 0.00	27.39 1.98 0.00	26.59 1.99 0.00	26.35 1.99 0.00	26.37 2.00 0.00	26.61 2.04 0.00	24.48 1.93 0.00	28.72 2.36 0.00	30.67 2.55 0.00	34.46 2.69 0.00	45.80 3.28 0.00	50.34 3.43 0.00	54.78 3.84 0.00	48.80 3.26 0.00	39.87 2.50 0.00	34.29 1.94 0.00
CE_NYC2_DRP 24202	34.90 2.29 0.00	32.18 2.08 0.00	31.25 1.97 0.00	30.15 1.90 0.00	31.09 2.00 0.00	32.58 2.13 0.00	36.82 2.52 0.00	33.84 2.56 0.00	31.30 2.55 0.00	27.79 2.38 0.00	26.96 2.35 0.00	26.73 2.37 0.00	26.71 2.34 0.00	26.99 2.42 0.00	24.81 2.27 0.00	29.08 2.72 0.00	30.99 2.88 0.00	34.76 3.00 0.00	46.08 3.55 0.00	50.66 3.74 0.00	55.07 4.13 0.00	49.02 3.48 0.00	40.06 2.69 0.00	34.44 2.09 0.00
CE_NYC_DRP 24195	34.89 2.28 0.00	32.14 2.05 0.00	31.22 1.94 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.56 2.10 0.00	36.81 2.52 0.00	33.79 2.51 0.00	31.24 2.49 0.00	27.74 2.33 0.00	26.92 2.31 0.00	26.69 2.33 0.00	26.67 2.31 0.00	26.96 2.39 0.00	24.78 2.23 0.00	29.05 2.69 0.00	30.99 2.88 0.00	34.76 3.00 0.00	46.12 3.60 0.00	50.65 3.73 0.00	55.09 4.15 0.00	49.02 3.48 0.00	40.04 2.67 0.00	34.41 2.06 0.00
CHAFFEE___LFGE 323603	29.79 -2.38 0.45	27.75 -2.14 0.21	27.27 -2.00 0.00	26.40 -1.85 0.00	25.10 -1.93 2.07	12.10 -1.80 16.56	16.54 -2.37 15.38	12.56 -1.70 17.02	24.97 -1.63 2.14	23.79 -1.56 0.06	23.01 -1.60 0.00	22.69 -1.67 0.00	22.58 -1.78 0.00	22.74 -1.83 0.00	20.86 -1.69 0.00	22.05 -2.30 2.00	23.73 -2.46 1.93	22.13 -2.54 7.09	23.91 -3.55 15.07	27.72 -4.00 15.20	31.12 -4.61 15.21	29.55 -3.91 12.09	22.91 -3.13 11.33	17.99 -2.67 11.69
CHATEAUG_35_KV_LOAD 355732	32.31 -0.30 0.00	29.88 -0.22 0.00	29.11 -0.16 0.00	28.08 -0.18 0.00	28.85 -0.25 0.00	30.23 -0.22 0.00	34.15 -0.15 0.00	31.16 -0.12 0.00	28.69 -0.06 0.00	25.29 -0.12 0.00	24.42 -0.18 0.00	24.12 -0.23 0.00	24.08 -0.28 0.00	24.28 -0.29 0.00	22.23 -0.32 0.00	25.98 -0.38 0.00	27.74 -0.37 0.00	31.41 -0.36 0.00	42.21 -0.32 0.00	46.60 -0.32 0.00	50.75 -0.19 0.00	45.49 -0.06 0.00	37.35 -0.02 0.00	32.23 -0.11 0.00
CHATEAUG_WT_PWR 323614	32.30 -0.31 0.00	29.87 -0.23 0.00	29.10 -0.18 0.00	28.06 -0.19 0.00	28.84 -0.25 0.00	30.22 -0.23 0.00	34.16 -0.14 0.00	31.21 -0.07 0.00	28.74 -0.01 0.00	25.34 -0.06 0.00	24.48 -0.13 0.00	24.18 -0.18 0.00	24.13 -0.23 0.00	24.34 -0.23 0.00	22.30 -0.25 0.00	26.05 -0.31 0.00	27.81 -0.30 0.00	31.50 -0.26 0.00	42.33 -0.19 0.00	46.69 -0.23 0.00	50.72 -0.23 0.00	45.44 -0.11 0.00	37.32 -0.06 0.00	32.22 -0.13 0.00
CHAT_HIGH_FALL_HYD 323578	32.31 -0.30 0.00	29.88 -0.22 0.00	29.11 -0.16 0.00	28.08 -0.18 0.00	28.85 -0.25 0.00	30.23 -0.22 0.00	34.15 -0.15 0.00	31.16 -0.12 0.00	28.69 -0.06 0.00	25.29 -0.12 0.00	24.42 -0.18 0.00	24.12 -0.23 0.00	24.08 -0.28 0.00	24.28 -0.29 0.00	22.23 -0.32 0.00	25.98 -0.38 0.00	27.74 -0.37 0.00	31.41 -0.36 0.00	42.21 -0.32 0.00	46.60 -0.32 0.00	50.75 -0.19 0.00	45.49 -0.06 0.00	37.35 -0.02 0.00	32.23 -0.11 0.00
CHAUTAUQUA___LFGE 323629	29.95 -2.20 0.46	27.81 -2.07 0.22	27.30 -1.97 0.00	26.47 -1.78 0.00	24.98 -1.97 2.15	11.25 -2.07 17.14	15.79 -2.58 15.92	11.77 -1.90 17.61	24.91 -1.62 2.22	23.82 -1.52 0.06	23.11 -1.50 0.00	22.94 -1.42 0.00	22.85 -1.52 0.00	23.05 -1.52 0.00	21.13 -1.41 0.00	22.35 -1.94 2.07	23.80 -2.25 2.07	21.81 -2.34 7.61	22.95 -3.39 16.18	26.85 -3.75 16.32	30.20 -4.41 16.33	28.71 -3.86 12.98	21.93 -3.27 12.17	16.84 -2.96 12.55
CHERRYST_13_KV_LD 356241	34.96 2.35 0.00	32.21 2.12 0.00	31.29 2.01 0.00	30.18 1.92 0.00	31.12 2.03 0.00	32.63 2.18 0.00	36.91 2.61 0.00	33.88 2.60 0.00	31.33 2.58 0.00	27.82 2.41 0.00	26.99 2.39 0.00	26.77 2.41 0.00	26.75 2.38 0.00	27.04 2.46 0.00	24.85 2.31 0.00	29.14 2.78 0.00	31.08 2.97 0.00	34.86 3.09 0.00	46.24 3.71 0.00	50.78 3.86 0.00	55.20 4.26 0.00	49.14 3.59 0.00	40.14 2.77 0.00	34.48 2.13 0.00

CHESTROR_138KV_BK263 355645	34.42 1.81 0.00	31.71 1.61 0.00	30.79 1.51 0.00	29.69 1.43 0.00	30.64 1.54 0.00	32.13 1.68 0.00	36.33 2.04 0.00	33.23 1.96 0.00	30.58 1.83 0.00	27.09 1.68 0.00	26.28 1.68 0.00	26.04 1.68 0.00	26.07 1.70 0.00	26.31 1.74 0.00	24.19 1.64 0.00	28.38 2.02 0.00	30.31 2.20 0.00	34.11 2.35 0.00	45.42 2.89 0.00	49.95 3.03 0.00	54.39 3.45 0.00	48.48 2.94 0.00	39.61 2.24 0.00	34.08 1.73 0.00
CH_MIDHUDSON___DRP 24192	34.61 2.00 0.00	31.89 1.79 0.00	30.98 1.70 0.00	29.87 1.62 0.00	30.81 1.72 0.00	32.30 1.84 0.00	36.51 2.22 0.00	33.43 2.15 0.00	30.72 1.97 0.00	27.20 1.80 0.00	26.40 1.80 0.00	26.15 1.79 0.00	26.18 1.81 0.00	26.43 1.85 0.00	24.29 1.75 0.00	28.51 2.16 0.00	30.45 2.33 0.00	34.25 2.49 0.00	45.60 3.08 0.00	50.19 3.27 0.00	54.62 3.67 0.00	48.70 3.16 0.00	39.79 2.42 0.00	34.23 1.88 0.00
CH_MISC_IPPS 23765	34.79 2.18 0.00	32.04 1.94 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.95 1.86 0.00	32.46 2.00 0.00	36.70 2.41 0.00	33.59 2.30 0.00	30.90 2.15 0.00	27.35 1.94 0.00	26.53 1.92 0.00	26.28 1.92 0.00	26.30 1.94 0.00	26.56 1.99 0.00	24.43 1.89 0.00	28.69 2.33 0.00	30.65 2.53 0.00	34.48 2.71 0.00	45.90 3.37 0.00	50.51 3.59 0.00	54.95 4.01 0.00	48.99 3.44 0.00	40.01 2.64 0.00	34.40 2.05 0.00
CH_RES_BVR_FALLS 23983	32.45 -0.16 0.00	29.97 -0.13 0.00	29.16 -0.12 0.00	28.14 -0.11 0.00	28.96 -0.14 0.00	30.33 -0.13 0.00	34.18 -0.11 0.00	31.21 -0.08 0.00	28.70 -0.05 0.00	25.35 -0.05 0.00	24.53 -0.08 0.00	24.26 -0.10 0.00	24.27 -0.10 0.00	24.47 -0.11 0.00	22.43 -0.11 0.00	26.22 -0.14 0.00	27.97 -0.14 0.00	31.63 -0.14 0.00	42.39 -0.13 0.00	46.77 -0.14 0.00	50.80 -0.14 0.00	45.46 -0.09 0.00	37.31 -0.06 0.00	32.26 -0.09 0.00
CH_RES_NIAGARA 23895	28.90 -3.35 0.36	27.01 -2.92 0.17	26.62 -2.66 0.00	25.77 -2.48 0.00	24.86 -2.56 1.68	14.60 -2.46 13.40	18.67 -3.17 12.44	14.99 -2.52 13.77	24.63 -2.39 1.74	23.13 -2.23 0.05	22.40 -2.21 0.00	22.02 -2.34 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.12 -2.43 0.00	21.58 -3.15 1.63	23.05 -3.28 1.78	21.78 -3.44 6.54	23.81 -4.80 13.91	27.45 -5.43 14.03	30.84 -6.06 14.04	29.18 -5.21 11.16	22.80 -4.11 10.46	18.20 -3.36 10.79
CH_RES_SYRACUSE 23985	32.45 -0.16 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.16 0.00	30.28 -0.17 0.00	34.02 -0.28 0.00	30.98 -0.30 0.00	28.39 -0.36 0.00	25.04 -0.36 0.00	24.26 -0.35 0.00	23.99 -0.37 0.00	24.01 -0.36 0.00	24.23 -0.34 0.00	22.21 -0.33 0.00	25.97 -0.39 0.00	27.72 -0.39 0.00	31.35 -0.41 0.00	42.01 -0.51 0.00	46.42 -0.50 0.00	50.45 -0.49 0.00	45.13 -0.42 0.00	37.06 -0.31 0.00	32.14 -0.21 0.00
CLINTON_WT_PWR 323605	32.30 -0.31 0.00	29.87 -0.23 0.00	29.10 -0.18 0.00	28.06 -0.19 0.00	28.84 -0.25 0.00	30.22 -0.23 0.00	34.16 -0.14 0.00	31.21 -0.07 0.00	28.74 -0.01 0.00	25.34 -0.06 0.00	24.48 -0.13 0.00	24.18 -0.18 0.00	24.13 -0.23 0.00	24.34 -0.23 0.00	22.30 -0.25 0.00	26.05 -0.31 0.00	27.81 -0.30 0.00	31.50 -0.26 0.00	42.33 -0.19 0.00	46.69 -0.23 0.00	50.72 -0.23 0.00	45.44 -0.11 0.00	37.32 -0.06 0.00	32.22 -0.13 0.00
CLINTON___LFGE 323618	32.89 0.28 0.00	30.39 0.29 0.00	29.60 0.32 0.00	28.56 0.31 0.00	29.35 0.25 0.00	30.79 0.34 0.00	34.78 0.48 0.00	31.67 0.38 0.00	29.06 0.31 0.00	25.65 0.24 0.00	24.76 0.15 0.00	24.44 0.08 0.00	24.42 0.06 0.00	24.70 0.12 0.00	22.62 0.08 0.00	26.44 0.08 0.00	28.20 0.09 0.00	32.01 0.24 0.00	43.05 0.53 0.00	47.49 0.57 0.00	51.62 0.68 0.00	46.20 0.65 0.00	38.03 0.66 0.00	32.79 0.43 0.00
COBBLENY_34_KV_TB1 80064	29.79 -2.38 0.45	27.75 -2.14 0.21	27.27 -2.00 0.00	26.40 -1.85 0.00	25.09 -1.93 2.07	12.05 -1.85 16.56	16.51 -2.41 15.38	12.46 -1.81 17.02	24.97 -1.64 2.14	23.79 -1.56 0.06	23.01 -1.60 0.00	22.69 -1.67 0.00	22.57 -1.79 0.00	22.73 -1.84 0.00	20.84 -1.71 0.00	22.05 -2.30 2.00	23.71 -2.48 1.93	22.10 -2.58 7.09	23.83 -3.63 15.07	27.62 -4.10 15.20	31.06 -4.67 15.21	29.49 -3.97 12.09	22.87 -3.17 11.33	17.95 -2.71 11.69
COFFEEN___115KV_TB3 355620	32.62 0.01 0.00	30.10 0.00 0.00	29.05 -0.23 0.00	27.90 -0.35 0.00	28.69 -0.40 0.00	30.31 -0.15 0.00	34.06 -0.23 0.00	30.57 -0.72 0.00	27.86 -0.88 0.00	24.55 -0.86 0.00	23.69 -0.92 0.00	23.46 -0.90 0.00	23.49 -0.88 0.00	23.67 -0.90 0.00	21.72 -0.83 0.00	25.42 -0.94 0.00	27.16 -0.95 0.00	30.85 -0.91 0.00	41.63 -0.89 0.00	46.59 -0.32 0.00	51.69 0.74 0.00	46.35 0.80 0.00	38.09 0.71 0.00	32.74 0.39 0.00
COLDSPRG_115KV_BK1 355956	30.45 -1.74 0.42	28.25 -1.65 0.20	27.68 -1.59 0.00	26.83 -1.42 0.00	25.62 -1.53 1.94	13.38 -1.56 15.52	17.88 -1.98 14.42	13.96 -1.36 15.96	25.61 -1.13 2.01	24.27 -1.08 0.06	23.50 -1.11 0.00	23.32 -1.03 0.00	23.24 -1.13 0.00	23.45 -1.12 0.00	21.47 -1.07 0.00	22.92 -1.57 1.86	24.96 -1.90 1.25	25.22 -1.95 4.60	29.87 -2.87 9.78	33.87 -3.18 9.87	37.29 -3.78 9.88	34.43 -3.27 7.85	27.19 -2.83 7.36	22.21 -2.55 7.59
COLONIE_LFGE___ 323577	33.87 1.25 0.00	31.24 1.14 0.00	30.40 1.12 0.00	29.34 1.08 0.00	30.23 1.14 0.00	31.61 1.15 0.00	35.67 1.38 0.00	32.41 1.13 0.00	29.49 0.74 0.00	26.16 0.75 0.00	25.34 0.73 0.00	25.12 0.76 0.00	25.13 0.76 0.00	25.33 0.76 0.00	23.32 0.77 0.00	27.38 1.02 0.00	29.15 1.04 0.00	32.92 1.15 0.00	44.08 1.56 0.00	48.70 1.78 0.00	53.04 2.09 0.00	47.51 1.96 0.00	38.89 1.51 0.00	33.69 1.34 0.00
COOPERNY_115KV_TB1 80082	34.18 1.57 0.00	31.49 1.39 0.00	30.59 1.31 0.00	29.50 1.24 0.00	30.44 1.34 0.00	31.92 1.46 0.00	36.07 1.77 0.00	32.98 1.69 0.00	30.34 1.59 0.00	26.88 1.47 0.00	26.09 1.48 0.00	25.85 1.50 0.00	25.88 1.51 0.00	26.12 1.55 0.00	24.01 1.47 0.00	28.13 1.77 0.00	30.06 1.94 0.00	33.83 2.07 0.00	45.07 2.54 0.00	49.59 2.68 0.00	53.99 3.05 0.00	48.13 2.59 0.00	39.35 1.98 0.00	33.87 1.52 0.00
COPENHAGEN_WT_PWR 323753	32.42 -0.20 0.00	29.92 -0.18 0.00	28.85 -0.43 0.00	27.65 -0.60 0.00	28.42 -0.68 0.00	30.05 -0.40 0.00	33.80 -0.49 0.00	30.45 -0.83 0.00	27.83 -0.93 0.00	24.54 -0.86 0.00	23.71 -0.90 0.00	23.48 -0.88 0.00	23.51 -0.85 0.00	23.71 -0.86 0.00	21.75 -0.80 0.00	25.44 -0.92 0.00	27.17 -0.94 0.00	30.84 -0.92 0.00	41.54 -0.99 0.00	46.37 -0.55 0.00	51.34 0.40 0.00	46.07 0.52 0.00	37.87 0.50 0.00	32.55 0.20 0.00
CORNELL_____ 23752	33.08 0.33 -0.14	30.39 0.23 -0.06	29.47 0.19 0.00	28.44 0.19 0.00	29.97 0.23 -0.65	35.97 0.31 -5.21	39.40 0.27 -4.84	36.76 0.13 -5.35	29.35 -0.07 -0.67	25.21 -0.22 -0.02	24.36 -0.24 0.00	24.11 -0.25 0.00	24.11 -0.26 0.00	24.37 -0.20 0.00	22.39 -0.16 0.00	26.85 -0.15 -0.65	28.69 -0.08 -0.66	34.25 0.06 -2.43	47.88 0.19 -5.16	52.55 0.43 -5.21	56.76 0.61 -5.21	50.20 0.52 -4.14	41.64 0.39 -3.88	36.63 0.28 -4.00

CORONA_69_KV_TB1 355595	35.20 2.59 0.00	32.38 2.28 0.00	31.36 2.09 0.00	30.21 1.96 0.00	31.21 2.11 0.00	32.73 2.28 0.00	37.05 2.75 0.00	33.91 2.63 0.00	31.24 2.49 0.00	27.52 2.11 0.00	26.87 2.26 0.00	26.68 2.32 0.00	26.67 2.31 0.00	26.88 2.31 0.00	24.79 2.24 0.00	29.14 2.79 0.00	31.16 3.05 0.00	34.96 3.20 0.00	46.49 3.97 0.00	51.13 4.21 0.00	55.56 4.62 0.00	49.45 3.91 0.00	40.41 3.04 0.00	34.68 2.33 0.00
CORTLAND_115KV_TB3 80093	32.88 0.23 -0.05	30.28 0.16 -0.02	29.41 0.13 0.00	28.38 0.12 0.00	29.46 0.16 -0.21	32.35 0.21 -1.68	36.03 0.17 -1.56	33.10 0.09 -1.73	28.90 -0.06 -0.22	25.27 -0.14 -0.01	24.46 -0.15 0.00	24.21 -0.15 0.00	24.22 -0.15 0.00	24.46 -0.12 0.00	22.46 -0.08 0.00	26.48 -0.09 -0.21	28.03 -0.08 0.00	31.77 0.01 0.00	42.61 0.09 0.00	47.13 0.22 0.00	51.29 0.35 0.00	45.84 0.30 0.00	37.60 0.23 0.00	32.52 0.17 0.00
COXSACKIE___GT 23611	34.41 1.80 0.00	31.73 1.63 0.00	30.84 1.57 0.00	29.75 1.50 0.00	30.65 1.55 0.00	32.14 1.68 0.00	36.27 1.97 0.00	32.92 1.64 0.00	29.82 1.07 0.00	26.29 0.88 0.00	25.40 0.79 0.00	25.18 0.82 0.00	25.21 0.85 0.00	25.47 0.90 0.00	23.46 0.91 0.00	27.63 1.27 0.00	29.53 1.41 0.00	33.54 1.77 0.00	45.03 2.50 0.00	49.69 2.77 0.00	54.31 3.37 0.00	48.64 3.09 0.00	39.79 2.42 0.00	34.48 2.13 0.00
CPV_VALLEY___CC1 323721	34.18 1.57 0.00	31.49 1.39 0.00	30.58 1.31 0.00	29.49 1.23 0.00	30.42 1.33 0.00	31.91 1.45 0.00	36.07 1.77 0.00	32.99 1.71 0.00	30.37 1.62 0.00	26.92 1.52 0.00	26.14 1.53 0.00	25.91 1.55 0.00	25.93 1.57 0.00	26.17 1.59 0.00	24.05 1.51 0.00	28.18 1.83 0.00	30.10 1.99 0.00	33.86 2.10 0.00	45.05 2.53 0.00	49.58 2.66 0.00	53.95 3.01 0.00	48.10 2.55 0.00	39.33 1.96 0.00	33.84 1.49 0.00
CPV_VALLEY___CC2 323722	34.18 1.57 0.00	31.49 1.39 0.00	30.58 1.31 0.00	29.49 1.23 0.00	30.42 1.33 0.00	31.91 1.45 0.00	36.07 1.77 0.00	32.99 1.71 0.00	30.37 1.62 0.00	26.92 1.52 0.00	26.14 1.53 0.00	25.91 1.55 0.00	25.93 1.57 0.00	26.17 1.59 0.00	24.05 1.51 0.00	28.18 1.83 0.00	30.10 1.99 0.00	33.86 2.10 0.00	45.05 2.53 0.00	49.58 2.66 0.00	53.95 3.01 0.00	48.10 2.55 0.00	39.33 1.96 0.00	33.84 1.49 0.00
CRESCENT___HYD 24018	33.87 1.25 0.00	31.24 1.14 0.00	30.40 1.12 0.00	29.34 1.08 0.00	30.23 1.14 0.00	31.61 1.15 0.00	35.67 1.38 0.00	32.41 1.13 0.00	29.49 0.74 0.00	26.16 0.75 0.00	25.34 0.73 0.00	25.12 0.76 0.00	25.13 0.76 0.00	25.33 0.76 0.00	23.32 0.77 0.00	27.38 1.02 0.00	29.15 1.04 0.00	32.92 1.15 0.00	44.08 1.56 0.00	48.70 1.78 0.00	53.04 2.09 0.00	47.51 1.96 0.00	38.89 1.51 0.00	33.69 1.34 0.00
CRICKET___VALLEY_CC1 323756	34.34 1.73 0.00	31.66 1.56 0.00	30.77 1.49 0.00	29.68 1.42 0.00	30.61 1.51 0.00	32.05 1.60 0.00	36.23 1.94 0.00	33.17 1.89 0.00	30.44 1.69 0.00	26.95 1.54 0.00	26.21 1.60 0.00	25.95 1.59 0.00	25.98 1.62 0.00	26.20 1.62 0.00	24.08 1.54 0.00	28.31 1.96 0.00	30.22 2.10 0.00	34.00 2.24 0.00	45.29 2.77 0.00	49.87 2.95 0.00	54.27 3.33 0.00	48.41 2.86 0.00	39.54 2.16 0.00	34.02 1.67 0.00
CRICKET___VALLEY_CC2 323757	34.34 1.73 0.00	31.66 1.56 0.00	30.77 1.49 0.00	29.68 1.42 0.00	30.61 1.51 0.00	32.05 1.60 0.00	36.23 1.94 0.00	33.17 1.89 0.00	30.44 1.69 0.00	26.95 1.54 0.00	26.21 1.60 0.00	25.95 1.59 0.00	25.98 1.62 0.00	26.20 1.62 0.00	24.08 1.54 0.00	28.31 1.96 0.00	30.22 2.10 0.00	34.00 2.24 0.00	45.29 2.77 0.00	49.87 2.95 0.00	54.27 3.33 0.00	48.41 2.86 0.00	39.54 2.16 0.00	34.02 1.67 0.00
CRICKET___VALLEY_CC3 323758	34.34 1.73 0.00	31.66 1.56 0.00	30.77 1.49 0.00	29.68 1.42 0.00	30.61 1.51 0.00	32.05 1.60 0.00	36.23 1.94 0.00	33.17 1.89 0.00	30.44 1.69 0.00	26.95 1.54 0.00	26.21 1.60 0.00	25.95 1.59 0.00	25.98 1.62 0.00	26.20 1.62 0.00	24.08 1.54 0.00	28.31 1.96 0.00	30.22 2.10 0.00	34.00 2.24 0.00	45.29 2.77 0.00	49.87 2.95 0.00	54.27 3.33 0.00	48.41 2.86 0.00	39.54 2.16 0.00	34.02 1.67 0.00
CRUCIBLE_METL_DRP 24180	32.44 -0.17 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.16 0.00	30.28 -0.17 0.00	34.02 -0.28 0.00	30.97 -0.31 0.00	28.39 -0.36 0.00	25.04 -0.36 0.00	24.26 -0.35 0.00	23.99 -0.37 0.00	24.00 -0.36 0.00	24.23 -0.35 0.00	22.21 -0.33 0.00	25.97 -0.39 0.00	27.72 -0.39 0.00	31.35 -0.41 0.00	42.00 -0.52 0.00	46.42 -0.50 0.00	50.45 -0.49 0.00	45.13 -0.42 0.00	37.06 -0.32 0.00	32.14 -0.21 0.00
DAHOWA___HYDRO 323763	34.47 1.86 0.00	31.79 1.69 0.00	30.95 1.67 0.00	29.86 1.61 0.00	30.80 1.70 0.00	32.24 1.78 0.00	36.40 2.11 0.00	32.96 1.68 0.00	29.77 1.03 0.00	26.27 0.87 0.00	25.36 0.76 0.00	25.15 0.79 0.00	25.14 0.78 0.00	25.37 0.79 0.00	23.40 0.85 0.00	27.50 1.14 0.00	29.45 1.34 0.00	33.35 1.59 0.00	44.92 2.39 0.00	49.79 2.87 0.00	54.15 3.21 0.00	48.49 2.95 0.00	39.68 2.31 0.00	34.34 2.00 0.00
DANC___LFGE 323619	32.24 -0.37 0.00	29.77 -0.34 0.00	28.79 -0.49 0.00	27.67 -0.58 0.00	28.48 -0.61 0.00	29.99 -0.47 0.00	33.70 -0.60 0.00	30.49 -0.79 0.00	27.90 -0.85 0.00	24.61 -0.79 0.00	23.81 -0.80 0.00	23.57 -0.79 0.00	23.60 -0.77 0.00	23.78 -0.79 0.00	21.82 -0.73 0.00	25.48 -0.88 0.00	27.20 -0.91 0.00	30.82 -0.95 0.00	41.41 -1.12 0.00	46.02 -0.90 0.00	50.61 -0.33 0.00	45.41 -0.14 0.00	37.32 -0.06 0.00	32.20 -0.15 0.00
DANSKAMMER___1 23586	34.79 2.18 0.00	32.04 1.94 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.95 1.86 0.00	32.46 2.00 0.00	36.70 2.41 0.00	33.59 2.30 0.00	30.90 2.15 0.00	27.35 1.94 0.00	26.53 1.92 0.00	26.28 1.92 0.00	26.30 1.94 0.00	26.56 1.99 0.00	24.43 1.89 0.00	28.69 2.33 0.00	30.65 2.53 0.00	34.48 2.71 0.00	45.90 3.37 0.00	50.51 3.59 0.00	54.95 4.01 0.00	48.99 3.44 0.00	40.01 2.64 0.00	34.40 2.05 0.00
DANSKAMMER___2 23589	34.79 2.18 0.00	32.04 1.94 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.95 1.86 0.00	32.46 2.00 0.00	36.70 2.41 0.00	33.59 2.30 0.00	30.90 2.15 0.00	27.35 1.94 0.00	26.53 1.92 0.00	26.28 1.92 0.00	26.30 1.94 0.00	26.56 1.99 0.00	24.43 1.89 0.00	28.69 2.33 0.00	30.65 2.53 0.00	34.48 2.71 0.00	45.90 3.37 0.00	50.51 3.59 0.00	54.95 4.01 0.00	48.99 3.44 0.00	40.01 2.64 0.00	34.40 2.05 0.00
DANSKAMMER___3 23590	34.79 2.18 0.00	32.04 1.94 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.95 1.86 0.00	32.46 2.00 0.00	36.70 2.41 0.00	33.59 2.30 0.00	30.90 2.15 0.00	27.35 1.94 0.00	26.53 1.92 0.00	26.28 1.92 0.00	26.30 1.94 0.00	26.56 1.99 0.00	24.43 1.89 0.00	28.69 2.33 0.00	30.65 2.53 0.00	34.48 2.71 0.00	45.90 3.37 0.00	50.51 3.59 0.00	54.95 4.01 0.00	48.99 3.44 0.00	40.01 2.64 0.00	34.40 2.05 0.00

DANSKAMMER___4 23591	34.79 2.18 0.00	32.04 1.94 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.95 1.86 0.00	32.46 2.00 0.00	36.70 2.41 0.00	33.59 2.30 0.00	30.90 2.15 0.00	27.35 1.94 0.00	26.53 1.92 0.00	26.28 1.92 0.00	26.30 1.94 0.00	26.56 1.99 0.00	24.43 1.89 0.00	28.69 2.33 0.00	30.65 2.53 0.00	34.48 2.71 0.00	45.90 3.37 0.00	50.51 3.59 0.00	54.95 4.01 0.00	48.99 3.44 0.00	40.01 2.64 0.00	34.40 2.05 0.00
DANSKAMMER___DIESEL 23592	34.79 2.18 0.00	32.04 1.94 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.95 1.86 0.00	32.46 2.01 0.00	36.70 2.41 0.00	33.60 2.32 0.00	30.90 2.15 0.00	27.35 1.94 0.00	26.53 1.92 0.00	26.28 1.92 0.00	26.31 1.94 0.00	26.57 1.99 0.00	24.43 1.89 0.00	28.69 2.33 0.00	30.65 2.54 0.00	34.48 2.72 0.00	45.90 3.38 0.00	50.51 3.59 0.00	54.97 4.02 0.00	48.99 3.44 0.00	40.01 2.64 0.00	34.41 2.06 0.00
DARBY___SOLAR 323810	34.34 1.73 0.00	31.67 1.57 0.00	30.82 1.54 0.00	29.74 1.49 0.00	30.67 1.57 0.00	32.09 1.63 0.00	36.23 1.93 0.00	32.83 1.54 0.00	29.70 0.95 0.00	26.22 0.81 0.00	25.33 0.72 0.00	25.11 0.75 0.00	25.11 0.75 0.00	25.34 0.76 0.00	23.36 0.81 0.00	27.46 1.10 0.00	29.36 1.25 0.00	33.25 1.49 0.00	44.73 2.21 0.00	49.54 2.62 0.00	53.88 2.94 0.00	48.26 2.72 0.00	39.50 2.13 0.00	34.19 1.84 0.00
DASHVILLE___HYD 23610	34.38 1.77 0.00	31.67 1.57 0.00	30.76 1.48 0.00	29.66 1.41 0.00	30.60 1.50 0.00	32.08 1.62 0.00	36.28 1.98 0.00	33.23 1.95 0.00	30.59 1.84 0.00	27.09 1.68 0.00	26.26 1.66 0.00	26.01 1.66 0.00	26.05 1.69 0.00	26.31 1.73 0.00	24.19 1.65 0.00	28.40 2.04 0.00	30.32 2.21 0.00	34.11 2.35 0.00	45.41 2.89 0.00	49.95 3.03 0.00	54.38 3.44 0.00	48.48 2.93 0.00	39.60 2.23 0.00	34.05 1.70 0.00
DELAWARE___LFGE 323621	33.51 0.91 0.00	30.89 0.79 0.00	30.03 0.76 0.00	28.97 0.72 0.00	29.88 0.79 0.00	31.33 0.87 0.00	35.29 1.00 0.00	32.19 0.91 0.00	29.55 0.80 0.00	26.12 0.71 0.00	25.31 0.70 0.00	25.09 0.73 0.00	25.13 0.77 0.00	25.36 0.79 0.00	23.28 0.74 0.00	27.20 0.84 0.00	29.02 0.90 0.00	32.80 1.03 0.00	43.89 1.37 0.00	48.42 1.50 0.00	52.68 1.74 0.00	47.04 1.50 0.00	38.51 1.13 0.00	33.22 0.87 0.00
DERFIELD_115KV_TB7 355931	32.81 0.19 0.00	30.27 0.16 0.00	29.42 0.15 0.00	28.39 0.14 0.00	29.26 0.16 0.00	30.63 0.17 0.00	34.48 0.19 0.00	31.43 0.15 0.00	28.83 0.09 0.00	25.48 0.08 0.00	24.70 0.10 0.00	24.46 0.10 0.00	24.48 0.11 0.00	24.69 0.12 0.00	22.66 0.11 0.00	26.50 0.14 0.00	28.25 0.14 0.00	31.92 0.16 0.00	42.73 0.21 0.00	47.16 0.24 0.00	51.25 0.31 0.00	45.82 0.27 0.00	37.60 0.22 0.00	32.54 0.19 0.00
DOGLEVILLE___HYD 23807	34.45 1.84 0.00	31.83 1.73 0.00	31.00 1.72 0.00	29.90 1.65 0.00	30.82 1.73 0.00	32.30 1.85 0.00	36.25 1.95 0.00	32.50 1.22 0.00	29.08 0.33 0.00	25.59 0.18 0.00	24.84 0.24 0.00	24.64 0.28 0.00	24.70 0.34 0.00	24.98 0.41 0.00	23.04 0.50 0.00	27.19 0.84 0.00	28.99 0.88 0.00	32.97 1.21 0.00	44.65 2.13 0.00	49.82 2.90 0.00	54.51 3.57 0.00	48.94 3.40 0.00	40.04 2.66 0.00	34.51 2.16 0.00
DUNKIRK__115KV_TB_200 55889	29.94 -2.21 0.46	27.82 -2.06 0.22	27.30 -1.97 0.00	26.47 -1.78 0.00	24.97 -1.98 2.15	11.20 -2.06 17.20	15.75 -2.57 15.98	11.67 -1.93 17.68	24.91 -1.62 2.23	23.83 -1.52 0.06	23.11 -1.50 0.00	22.92 -1.44 0.00	22.82 -1.54 0.00	23.02 -1.55 0.00	21.10 -1.44 0.00	22.32 -1.95 2.08	23.75 -2.27 2.10	21.67 -2.38 7.72	22.67 -3.43 16.42	26.56 -3.80 16.56	29.95 -4.42 16.57	28.50 -3.87 13.17	21.78 -3.25 12.35	16.70 -2.91 12.73
DUNKIRK___1 23563	29.94 -2.21 0.46	27.82 -2.06 0.22	27.30 -1.97 0.00	26.47 -1.78 0.00	24.97 -1.98 2.15	11.20 -2.06 17.20	15.75 -2.57 15.98	11.67 -1.93 17.68	24.91 -1.62 2.23	23.83 -1.52 0.06	23.11 -1.50 0.00	22.92 -1.44 0.00	22.82 -1.54 0.00	23.02 -1.55 0.00	21.10 -1.44 0.00	22.32 -1.95 2.08	23.75 -2.27 2.10	21.67 -2.38 7.72	22.67 -3.43 16.42	26.56 -3.80 16.56	29.95 -4.42 16.57	28.50 -3.87 13.17	21.78 -3.25 12.35	16.70 -2.91 12.73
DUNKIRK___2 23564	29.94 -2.21 0.46	27.82 -2.06 0.22	27.30 -1.97 0.00	26.47 -1.78 0.00	24.97 -1.98 2.15	11.20 -2.06 17.20	15.75 -2.57 15.98	11.67 -1.93 17.68	24.91 -1.62 2.23	23.83 -1.52 0.06	23.11 -1.50 0.00	22.92 -1.44 0.00	22.82 -1.54 0.00	23.02 -1.55 0.00	21.10 -1.44 0.00	22.32 -1.95 2.08	23.75 -2.27 2.10	21.67 -2.38 7.72	22.67 -3.43 16.42	26.56 -3.80 16.56	29.95 -4.42 16.57	28.50 -3.87 13.17	21.78 -3.25 12.35	16.70 -2.91 12.73
DUNKIRK___3 23565	29.83 -2.31 0.47	27.75 -2.12 0.22	27.25 -2.02 0.00	26.41 -1.85 0.00	24.90 -2.00 2.19	10.91 -2.04 17.51	15.45 -2.58 16.27	11.32 -1.96 17.99	24.81 -1.67 2.27	23.77 -1.57 0.06	23.04 -1.56 0.00	22.82 -1.54 0.00	22.72 -1.64 0.00	22.90 -1.67 0.00	21.00 -1.54 0.00	22.17 -2.07 2.12	23.51 -2.36 2.24	21.06 -2.47 8.24	21.47 -3.54 17.52	25.31 -3.94 17.67	28.69 -4.57 17.68	27.54 -3.95 14.05	20.95 -3.25 13.17	15.90 -2.87 13.58
DUNKIRK___4 23566	29.83 -2.31 0.47	27.75 -2.12 0.22	27.25 -2.02 0.00	26.41 -1.85 0.00	24.90 -2.00 2.19	10.91 -2.04 17.51	15.45 -2.58 16.27	11.32 -1.96 17.99	24.81 -1.67 2.27	23.77 -1.57 0.06	23.04 -1.56 0.00	22.82 -1.54 0.00	22.72 -1.64 0.00	22.90 -1.67 0.00	21.00 -1.54 0.00	22.17 -2.07 2.12	23.51 -2.36 2.24	21.06 -2.47 8.24	21.47 -3.54 17.52	25.31 -3.94 17.67	28.69 -4.57 17.68	27.54 -3.95 14.05	20.95 -3.25 13.17	15.90 -2.87 13.58
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.83 2.22 0.00	32.10 2.00 0.00	31.17 1.90 0.00	30.06 1.80 0.00	31.02 1.92 0.00	32.51 2.06 0.00	36.75 2.46 0.00	33.70 2.42 0.00	31.09 2.34 0.00	27.55 2.14 0.00	26.74 2.14 0.00	26.51 2.15 0.00	26.51 2.15 0.00	26.77 2.20 0.00	24.61 2.07 0.00	28.88 2.52 0.00	30.83 2.72 0.00	34.62 2.85 0.00	45.99 3.46 0.00	50.54 3.62 0.00	54.99 4.05 0.00	48.98 3.44 0.00	40.02 2.65 0.00	34.40 2.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.64 2.03 0.00	31.90 1.80 0.00	30.98 1.70 0.00	29.87 1.62 0.00	30.81 1.72 0.00	32.32 1.87 0.00	36.55 2.26 0.00	33.45 2.18 0.00	30.77 2.02 0.00	27.24 1.83 0.00	26.42 1.82 0.00	26.18 1.82 0.00	26.20 1.84 0.00	26.45 1.88 0.00	24.31 1.77 0.00	28.52 2.16 0.00	30.49 2.38 0.00	34.31 2.54 0.00	45.68 3.15 0.00	50.25 3.33 0.00	54.69 3.75 0.00	48.75 3.20 0.00	39.82 2.45 0.00	34.24 1.89 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.89 2.28 0.00	32.15 2.05 0.00	31.18 1.91 0.00	30.08 1.83 0.00	31.02 1.93 0.00	32.52 2.07 0.00	36.74 2.45 0.00	33.77 2.49 0.00	31.19 2.44 0.00	27.68 2.28 0.00	26.85 2.24 0.00	26.61 2.25 0.00	26.59 2.22 0.00	26.88 2.31 0.00	24.71 2.16 0.00	28.94 2.58 0.00	30.84 2.73 0.00	34.62 2.86 0.00	45.87 3.34 0.00	50.59 3.67 0.00	54.99 4.05 0.00	48.95 3.40 0.00	40.01 2.64 0.00	34.42 2.08 0.00

E179THST_13_KV_LOAD 356214	35.01 2.40 0.00	32.25 2.15 0.00	31.27 1.99 0.00	30.16 1.91 0.00	31.11 2.01 0.00	32.61 2.15 0.00	36.87 2.58 0.00	33.90 2.62 0.00	31.32 2.57 0.00	27.79 2.38 0.00	26.95 2.35 0.00	26.71 2.36 0.00	26.70 2.33 0.00	26.98 2.41 0.00	24.81 2.27 0.00	29.05 2.69 0.00	30.97 2.86 0.00	34.77 3.01 0.00	46.06 3.54 0.00	50.81 3.89 0.00	55.19 4.25 0.00	49.11 3.57 0.00	40.15 2.77 0.00	34.54 2.19 0.00
EAST HAMPTON___GT 23717	36.95 4.33 0.00	42.84 3.83 -8.91	32.84 3.56 0.00	31.65 3.40 0.00	32.73 3.64 0.00	33.42 2.96 0.00	37.40 3.10 0.00	33.91 2.63 0.00	31.20 2.45 0.00	27.25 1.85 0.00	26.73 2.12 0.00	26.82 2.46 0.00	26.83 2.46 0.00	27.17 2.60 0.00	25.16 2.61 0.00	29.77 3.41 0.00	31.90 3.78 0.00	36.24 4.48 0.00	48.63 6.11 0.00	53.64 6.72 0.00	58.20 7.26 0.00	51.66 6.11 0.00	42.33 4.96 0.00	36.38 4.03 0.00
EAST RIVER___6 23660	34.89 2.27 0.00	32.15 2.05 0.00	31.21 1.94 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.56 2.10 0.00	36.83 2.53 0.00	33.76 2.48 0.00	31.23 2.49 0.00	27.74 2.33 0.00	26.92 2.32 0.00	26.70 2.34 0.00	26.68 2.32 0.00	26.98 2.40 0.00	24.79 2.25 0.00	29.07 2.72 0.00	31.02 2.91 0.00	34.78 3.02 0.00	46.14 3.62 0.00	50.67 3.75 0.00	55.13 4.19 0.00	49.05 3.51 0.00	40.05 2.68 0.00	34.39 2.04 0.00
EAST RIVER___7 23524	34.89 2.27 0.00	32.15 2.05 0.00	31.21 1.94 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.56 2.10 0.00	36.83 2.53 0.00	33.76 2.48 0.00	31.23 2.49 0.00	27.74 2.33 0.00	26.92 2.32 0.00	26.70 2.34 0.00	26.68 2.32 0.00	26.98 2.40 0.00	24.79 2.25 0.00	29.07 2.72 0.00	31.02 2.91 0.00	34.78 3.02 0.00	46.14 3.62 0.00	50.67 3.75 0.00	55.13 4.19 0.00	49.05 3.51 0.00	40.05 2.68 0.00	34.39 2.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.73 2.12 0.00	32.01 1.91 0.00	31.08 1.80 0.00	29.96 1.71 0.00	30.92 1.82 0.00	32.43 1.97 0.00	36.68 2.38 0.00	33.61 2.33 0.00	30.99 2.24 0.00	27.46 2.05 0.00	26.67 2.06 0.00	26.42 2.07 0.00	26.43 2.07 0.00	26.69 2.11 0.00	24.54 2.00 0.00	28.79 2.43 0.00	30.73 2.62 0.00	34.53 2.76 0.00	45.90 3.37 0.00	50.44 3.52 0.00	54.88 3.94 0.00	48.89 3.34 0.00	39.94 2.56 0.00	34.33 1.98 0.00
EAST_HAMPTON___DIESEL 23722	36.96 4.35 0.00	42.84 3.83 -8.91	32.85 3.57 0.00	31.66 3.41 0.00	32.73 3.64 0.00	33.38 2.92 0.00	37.34 3.05 0.00	33.85 2.57 0.00	31.14 2.40 0.00	27.21 1.81 0.00	26.69 2.09 0.00	26.78 2.43 0.00	26.79 2.43 0.00	27.15 2.57 0.00	25.14 2.59 0.00	29.76 3.40 0.00	31.87 3.76 0.00	36.22 4.46 0.00	48.63 6.11 0.00	53.64 6.72 0.00	58.20 7.26 0.00	51.66 6.12 0.00	42.33 4.96 0.00	36.39 4.04 0.00
EAST_POINT___SOLAR 323840	34.09 1.47 0.00	31.46 1.37 0.00	30.59 1.32 0.00	29.53 1.28 0.00	30.47 1.38 0.00	31.96 1.51 0.00	35.59 1.30 0.00	31.51 0.23 0.00	28.69 -0.06 0.00	25.23 -0.17 0.00	24.38 -0.22 0.00	24.14 -0.22 0.00	24.13 -0.23 0.00	24.35 -0.23 0.00	22.36 -0.19 0.00	26.17 -0.18 0.00	28.03 -0.08 0.00	32.05 0.29 0.00	43.69 1.17 0.00	48.98 2.06 0.00	53.62 2.68 0.00	47.94 2.39 0.00	39.27 1.90 0.00	33.82 1.47 0.00
EAST_PULASKI___ESR 323781	32.14 -0.48 0.00	29.66 -0.43 0.00	28.77 -0.50 0.00	27.74 -0.51 0.00	28.58 -0.52 0.00	29.97 -0.48 0.00	33.63 -0.66 0.00	30.58 -0.70 0.00	28.01 -0.74 0.00	24.72 -0.68 0.00	23.95 -0.66 0.00	23.70 -0.66 0.00	23.71 -0.65 0.00	23.89 -0.68 0.00	21.91 -0.63 0.00	25.58 -0.77 0.00	27.28 -0.83 0.00	30.88 -0.88 0.00	41.38 -1.15 0.00	45.77 -1.15 0.00	49.99 -0.96 0.00	44.81 -0.74 0.00	36.80 -0.57 0.00	31.90 -0.45 0.00
EAST_RIVER___1 323558	34.89 2.28 0.00	32.15 2.05 0.00	31.21 1.94 0.00	30.11 1.86 0.00	31.05 1.96 0.00	32.55 2.09 0.00	36.81 2.51 0.00	33.77 2.49 0.00	31.24 2.49 0.00	27.74 2.33 0.00	26.92 2.31 0.00	26.69 2.33 0.00	26.67 2.30 0.00	26.96 2.39 0.00	24.78 2.23 0.00	29.05 2.69 0.00	30.99 2.88 0.00	34.76 2.99 0.00	46.12 3.59 0.00	50.66 3.74 0.00	55.07 4.13 0.00	49.02 3.47 0.00	40.04 2.67 0.00	34.40 2.05 0.00
EAST_RIVER___2 323559	34.89 2.27 0.00	32.15 2.05 0.00	31.21 1.94 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.56 2.10 0.00	36.83 2.53 0.00	33.76 2.48 0.00	31.23 2.49 0.00	27.74 2.33 0.00	26.92 2.32 0.00	26.70 2.34 0.00	26.68 2.32 0.00	26.98 2.40 0.00	24.79 2.25 0.00	29.07 2.72 0.00	31.02 2.91 0.00	34.78 3.02 0.00	46.14 3.62 0.00	50.67 3.75 0.00	55.13 4.19 0.00	49.05 3.51 0.00	40.05 2.68 0.00	34.39 2.04 0.00
EAST___DELAWARE_HYD 23607	34.25 1.64 0.00	31.55 1.45 0.00	30.65 1.37 0.00	29.56 1.31 0.00	30.52 1.42 0.00	32.03 1.58 0.00	36.21 1.92 0.00	33.06 1.78 0.00	30.38 1.63 0.00	26.89 1.49 0.00	26.41 1.81 0.00	26.13 1.78 0.00	26.17 1.80 0.00	26.36 1.78 0.00	24.21 1.66 0.00	28.41 2.05 0.00	30.42 2.30 0.00	34.30 2.53 0.00	45.75 3.22 0.00	50.38 3.46 0.00	54.84 3.90 0.00	48.87 3.32 0.00	39.90 2.53 0.00	34.28 1.93 0.00
EIGHT_POINT___WT_PWR 323820	32.51 -1.49 -1.39	28.88 -1.87 -0.65	27.01 -2.28 -0.02	26.05 -2.20 0.00	33.33 -2.23 -6.46	80.11 -1.94 -51.59	79.94 -2.28 -47.93	82.47 -1.85 -53.03	33.80 -1.63 -6.68	24.23 -1.36 -0.19	23.27 -1.33 0.00	22.79 -1.57 0.00	22.74 -1.63 0.00	22.97 -1.60 0.00	21.14 -1.41 0.00	31.12 -1.62 -6.38	32.28 -1.63 -5.81	51.62 -1.53 -21.38	86.14 -1.85 -45.46	90.84 -1.93 -45.86	94.37 -2.46 -45.89	79.60 -2.42 -36.47	69.26 -2.31 -34.20	65.47 -2.14 -35.27
ELBRIDGE_115KV_TB2 80188	32.29 -0.32 0.00	29.79 -0.31 0.00	28.96 -0.32 0.00	27.96 -0.29 0.00	28.78 -0.32 0.00	30.12 -0.34 0.00	33.85 -0.45 0.00	30.83 -0.45 0.00	28.27 -0.47 0.00	24.92 -0.49 0.00	24.13 -0.48 0.00	23.86 -0.49 0.00	23.87 -0.50 0.00	24.11 -0.47 0.00	22.10 -0.45 0.00	25.86 -0.50 0.00	27.60 -0.51 0.00	31.19 -0.57 0.00	41.78 -0.75 0.00	46.18 -0.74 0.00	50.18 -0.76 0.00	44.90 -0.65 0.00	36.88 -0.50 0.00	31.95 -0.40 0.00
ELEC_TRO_TEK 24086	35.11 2.49 0.00	32.30 2.20 0.00	31.30 2.02 0.00	30.18 1.93 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.73 0.00	33.88 2.60 0.00	31.22 2.47 0.00	27.49 2.08 0.00	26.83 2.22 0.00	26.64 2.28 0.00	26.64 2.28 0.00	26.83 2.26 0.00	24.71 2.17 0.00	29.05 2.69 0.00	31.07 2.96 0.00	34.89 3.12 0.00	46.37 3.85 0.00	50.95 4.03 0.00	55.34 4.40 0.00	49.27 3.72 0.00	40.30 2.93 0.00	34.57 2.23 0.00
ELLENBURG_WT_PWR 323604	32.30 -0.31 0.00	29.87 -0.23 0.00	29.10 -0.18 0.00	28.06 -0.19 0.00	28.84 -0.25 0.00	30.22 -0.23 0.00	34.16 -0.14 0.00	31.21 -0.07 0.00	28.74 -0.01 0.00	25.34 -0.06 0.00	24.48 -0.13 0.00	24.18 -0.18 0.00	24.13 -0.23 0.00	24.34 -0.23 0.00	22.30 -0.25 0.00	26.05 -0.31 0.00	27.81 -0.30 0.00	31.50 -0.26 0.00	42.33 -0.19 0.00	46.69 -0.23 0.00	50.72 -0.23 0.00	45.44 -0.11 0.00	37.32 -0.06 0.00	32.22 -0.13 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.50 -2.65 0.46	27.54 -2.35 0.22	27.10 -2.17 0.00	26.23 -2.02 0.00	24.85 -2.11 2.14	11.30 -2.06 17.09	15.74 -2.67 15.88	11.65 -2.06 17.57	24.67 -1.87 2.21	23.59 -1.75 0.06	22.83 -1.77 0.00	22.52 -1.84 0.00	22.40 -1.97 0.00	22.54 -2.04 0.00	20.65 -1.90 0.00	21.79 -2.50 2.07	23.16 -2.67 2.29	20.54 -2.81 8.42	20.67 -3.96 17.90	24.38 -4.49 18.05	27.79 -5.08 18.07	26.86 -4.33 14.36	20.46 -3.45 13.46	15.57 -2.89 13.88
EMPIRE_CC_1 323656	33.47 0.86 0.00	30.91 0.81 0.00	30.08 0.80 0.00	29.02 0.77 0.00	29.91 0.81 0.00	31.23 0.77 0.00	35.25 0.95 0.00	32.03 0.75 0.00	29.22 0.47 0.00	26.13 0.72 0.00	25.35 0.74 0.00	25.14 0.78 0.00	25.17 0.80 0.00	25.36 0.79 0.00	23.34 0.80 0.00	27.39 1.03 0.00	29.04 0.93 0.00	32.63 0.86 0.00	43.42 0.90 0.00	47.91 0.99 0.00	52.20 1.27 0.00	46.80 1.25 0.00	38.38 1.00 0.00	33.34 0.99 0.00
EMPIRE_CC_2 323658	33.47 0.86 0.00	30.91 0.81 0.00	30.08 0.80 0.00	29.02 0.77 0.00	29.91 0.81 0.00	31.23 0.77 0.00	35.25 0.95 0.00	32.03 0.75 0.00	29.22 0.47 0.00	26.13 0.72 0.00	25.35 0.74 0.00	25.14 0.78 0.00	25.17 0.80 0.00	25.36 0.79 0.00	23.34 0.80 0.00	27.39 1.03 0.00	29.04 0.93 0.00	32.63 0.86 0.00	43.42 0.90 0.00	47.91 0.99 0.00	52.20 1.27 0.00	46.80 1.25 0.00	38.38 1.00 0.00	33.34 0.99 0.00
ENORWICH_115KV_TB1 80156	34.42 1.74 -0.07	31.54 1.40 -0.03	30.62 1.34 0.00	29.60 1.35 0.00	31.02 1.61 -0.31	34.79 1.83 -2.50	38.49 1.87 -2.33	35.22 1.36 -2.57	29.96 0.88 -0.32	25.80 0.38 -0.01	24.90 0.29 0.00	24.70 0.34 0.00	24.74 0.37 0.00	25.03 0.45 0.00	23.04 0.49 0.00	27.33 0.67 -0.30	29.31 0.89 -0.31	34.26 1.34 -1.15	47.30 2.32 -2.45	52.51 3.12 -2.47	56.90 3.49 -2.48	50.52 3.01 -1.97	41.38 2.17 -1.84	35.91 1.66 -1.90
ERIE_ST__34_KV_TB1-2 80199	29.70 -2.48 0.44	27.67 -2.22 0.20	27.18 -2.09 0.00	26.31 -1.94 0.00	25.07 -2.00 2.03	12.35 -1.91 16.20	16.76 -2.48 15.05	12.78 -1.84 16.65	24.97 -1.68 2.10	23.76 -1.58 0.06	22.98 -1.63 0.00	22.66 -1.70 0.00	22.56 -1.81 0.00	22.70 -1.87 0.00	20.80 -1.75 0.00	22.25 -2.34 1.78	23.80 -2.54 1.77	22.69 -2.55 6.53	25.01 -3.64 13.88	28.81 -4.11 14.00	32.23 -4.70 14.01	30.42 -4.00 11.13	23.77 -3.16 10.44	18.91 -2.67 10.76
ERIE_WT_PWR 323693	29.70 -2.44 0.47	27.68 -2.20 0.22	27.22 -2.05 0.00	26.34 -1.91 0.00	24.93 -1.99 2.18	11.17 -1.89 17.40	15.64 -2.49 16.16	11.58 -1.82 17.88	24.76 -1.73 2.25	23.71 -1.63 0.06	22.95 -1.66 0.00	22.64 -1.72 0.00	22.51 -1.86 0.00	22.67 -1.90 0.00	20.78 -1.76 0.00	21.89 -2.35 2.12	23.31 -2.53 2.27	20.80 -2.60 8.36	21.10 -3.64 17.78	24.87 -4.11 17.94	28.25 -4.74 17.95	27.24 -4.04 14.26	20.78 -3.21 13.38	15.82 -2.74 13.79
ESPRGFLD_115KV_TB1 80157	33.54 0.93 0.00	30.96 0.86 0.00	30.10 0.82 0.00	29.06 0.81 0.00	29.98 0.88 0.00	31.47 1.01 0.00	35.36 1.06 0.00	32.02 0.74 0.00	29.41 0.66 0.00	25.89 0.48 0.00	25.03 0.43 0.00	24.79 0.43 0.00	24.79 0.43 0.00	25.01 0.43 0.00	22.95 0.40 0.00	26.75 0.39 0.00	28.58 0.47 0.00	32.44 0.68 0.00	43.71 1.18 0.00	48.45 1.54 0.00	52.75 1.81 0.00	47.09 1.54 0.00	38.54 1.17 0.00	33.18 0.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.03 0.30 -0.12	30.36 0.21 -0.05	29.45 0.18 0.00	28.44 0.18 0.00	29.85 0.22 -0.54	35.03 0.28 -4.30	38.54 0.25 -4.00	35.82 0.12 -4.42	29.23 -0.08 -0.56	25.21 -0.21 -0.02	24.36 -0.24 0.00	24.12 -0.25 0.00	24.12 -0.25 0.00	24.38 -0.19 0.00	22.40 -0.15 0.00	26.75 -0.14 -0.53	28.57 -0.08 -0.55	33.81 0.04 -2.01	46.96 0.16 -4.28	51.62 0.38 -4.32	55.80 0.54 -4.32	49.44 0.46 -3.43	40.93 0.34 -3.22	35.91 0.24 -3.32
ETNA____115KV_TB2 80207	33.03 0.30 -0.12	30.36 0.21 -0.05	29.45 0.18 0.00	28.44 0.18 0.00	29.85 0.22 -0.54	35.03 0.28 -4.30	38.54 0.25 -4.00	35.82 0.12 -4.42	29.23 -0.08 -0.56	25.21 -0.21 -0.02	24.36 -0.24 0.00	24.12 -0.25 0.00	24.12 -0.25 0.00	24.38 -0.19 0.00	22.40 -0.15 0.00	26.75 -0.14 -0.53	28.57 -0.08 -0.55	33.81 0.04 -2.01	46.96 0.16 -4.28	51.62 0.38 -4.32	55.80 0.54 -4.32	49.44 0.46 -3.43	40.93 0.34 -3.22	35.91 0.24 -3.32
EUCLID___115KV_TB2 356179	32.11 -0.50 0.00	29.62 -0.48 0.00	28.81 -0.47 0.00	27.80 -0.45 0.00	28.64 -0.46 0.00	29.98 -0.48 0.00	33.65 -0.64 0.00	30.68 -0.60 0.00	28.14 -0.60 0.00	24.85 -0.55 0.00	24.08 -0.53 0.00	23.82 -0.54 0.00	23.83 -0.54 0.00	24.03 -0.54 0.00	22.04 -0.50 0.00	25.74 -0.62 0.00	27.46 -0.65 0.00	31.05 -0.71 0.00	41.57 -0.95 0.00	45.90 -1.01 0.00	49.89 -1.06 0.00	44.63 -0.92 0.00	36.68 -0.69 0.00	31.83 -0.52 0.00
E_CANADA_CAP_HY 24051	33.64 1.02 0.00	31.09 0.99 0.00	30.25 0.97 0.00	29.21 0.96 0.00	30.12 1.03 0.00	31.58 1.12 0.00	35.41 1.11 0.00	31.83 0.55 0.00	29.12 0.37 0.00	25.62 0.21 0.00	24.74 0.14 0.00	24.49 0.13 0.00	24.48 0.11 0.00	24.68 0.11 0.00	22.66 0.11 0.00	26.45 0.09 0.00	28.23 0.11 0.00	32.10 0.34 0.00	43.45 0.92 0.00	48.37 1.45 0.00	52.75 1.81 0.00	47.13 1.58 0.00	38.67 1.29 0.00	33.33 0.98 0.00
E_CANADA_MHWK_HY 24050	34.45 1.84 0.00	31.83 1.73 0.00	31.00 1.72 0.00	29.90 1.65 0.00	30.82 1.73 0.00	32.30 1.85 0.00	36.24 1.95 0.00	32.50 1.22 0.00	29.08 0.33 0.00	25.59 0.18 0.00	24.84 0.24 0.00	24.64 0.28 0.00	24.70 0.34 0.00	24.98 0.41 0.00	23.04 0.50 0.00	27.19 0.84 0.00	28.99 0.88 0.00	32.97 1.21 0.00	44.65 2.13 0.00	49.82 2.91 0.00	54.51 3.57 0.00	48.95 3.40 0.00	40.04 2.66 0.00	34.51 2.16 0.00
E_FISHKILL___LBMP 23776	34.44 1.83 0.00	31.74 1.64 0.00	30.83 1.56 0.00	29.73 1.48 0.00	30.67 1.58 0.00	32.14 1.69 0.00	36.33 2.04 0.00	33.27 1.99 0.00	30.60 1.85 0.00	27.10 1.70 0.00	26.33 1.72 0.00	26.08 1.73 0.00	26.11 1.74 0.00	26.34 1.77 0.00	24.22 1.67 0.00	28.42 2.06 0.00	30.33 2.22 0.00	34.12 2.35 0.00	45.41 2.89 0.00	49.95 3.03 0.00	54.36 3.42 0.00	48.46 2.92 0.00	39.61 2.24 0.00	34.09 1.74 0.00
FALCON___SEABRD_CC1 323796	32.95 0.34 0.00	30.44 0.34 0.00	29.65 0.38 0.00	28.61 0.36 0.00	29.41 0.31 0.00	30.85 0.40 0.00	34.84 0.55 0.00	31.77 0.48 0.00	29.16 0.41 0.00	25.76 0.35 0.00	24.87 0.26 0.00	24.55 0.19 0.00	24.53 0.16 0.00	24.83 0.26 0.00	22.74 0.19 0.00	26.58 0.22 0.00	28.34 0.23 0.00	32.16 0.40 0.00	43.25 0.72 0.00	47.60 0.68 0.00	51.67 0.73 0.00	46.26 0.72 0.00	38.07 0.70 0.00	32.81 0.46 0.00
FALCON___SEABRD_CC2 323797	32.95 0.34 0.00	30.44 0.34 0.00	29.65 0.38 0.00	28.61 0.36 0.00	29.41 0.31 0.00	30.85 0.40 0.00	34.84 0.55 0.00	31.77 0.48 0.00	29.16 0.41 0.00	25.76 0.35 0.00	24.87 0.26 0.00	24.55 0.19 0.00	24.53 0.16 0.00	24.83 0.26 0.00	22.74 0.19 0.00	26.58 0.22 0.00	28.34 0.23 0.00	32.16 0.40 0.00	43.25 0.72 0.00	47.60 0.68 0.00	51.67 0.73 0.00	46.26 0.72 0.00	38.07 0.70 0.00	32.81 0.46 0.00

FAR ROCKAWAY___4 23548	35.60 2.99 0.00	32.73 2.64 0.00	31.58 2.30 0.00	30.28 2.03 0.00	31.27 2.17 0.00	32.81 2.36 0.00	37.14 2.85 0.00	34.00 2.72 0.00	31.32 2.57 0.00	27.54 2.13 0.00	26.91 2.31 0.00	26.74 2.39 0.00	26.73 2.36 0.00	26.96 2.39 0.00	24.96 2.42 0.00	29.35 2.99 0.00	31.40 3.29 0.00	35.08 3.32 0.00	46.71 4.18 0.00	51.54 4.62 0.00	56.01 5.07 0.00	49.83 4.28 0.00	40.72 3.35 0.00	34.92 2.57 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.90 2.29 0.00	32.16 2.06 0.00	31.24 1.96 0.00	30.12 1.87 0.00	31.08 1.98 0.00	32.58 2.12 0.00	36.83 2.54 0.00	33.82 2.54 0.00	31.26 2.52 0.00	27.75 2.35 0.00	26.94 2.33 0.00	26.70 2.34 0.00	26.69 2.32 0.00	26.97 2.40 0.00	24.79 2.24 0.00	29.07 2.71 0.00	30.99 2.88 0.00	34.77 3.01 0.00	46.14 3.61 0.00	50.68 3.76 0.00	55.11 4.17 0.00	49.05 3.51 0.00	40.07 2.70 0.00	34.43 2.08 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.90 2.28 0.00	32.16 2.06 0.00	31.23 1.96 0.00	30.12 1.87 0.00	31.07 1.98 0.00	32.57 2.12 0.00	36.83 2.54 0.00	33.82 2.54 0.00	31.26 2.51 0.00	27.75 2.34 0.00	26.92 2.32 0.00	26.69 2.33 0.00	26.68 2.31 0.00	26.96 2.39 0.00	24.78 2.23 0.00	29.05 2.69 0.00	30.99 2.88 0.00	34.76 3.00 0.00	46.13 3.61 0.00	50.67 3.75 0.00	55.09 4.15 0.00	49.05 3.51 0.00	40.07 2.70 0.00	34.43 2.08 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.89 2.28 0.00	32.15 2.05 0.00	31.23 1.95 0.00	30.11 1.86 0.00	31.06 1.97 0.00	32.56 2.11 0.00	36.82 2.52 0.00	33.80 2.52 0.00	31.25 2.50 0.00	27.75 2.34 0.00	26.92 2.31 0.00	26.69 2.33 0.00	26.67 2.31 0.00	26.96 2.39 0.00	24.78 2.23 0.00	29.05 2.69 0.00	30.99 2.88 0.00	34.76 3.00 0.00	46.12 3.59 0.00	50.65 3.73 0.00	55.08 4.14 0.00	49.02 3.48 0.00	40.05 2.68 0.00	34.41 2.07 0.00
FARRAGUT___LBMP 323566	34.86 2.25 0.00	32.13 2.03 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.95 0.00	32.54 2.09 0.00	36.79 2.50 0.00	33.78 2.50 0.00	31.22 2.48 0.00	27.72 2.31 0.00	26.90 2.29 0.00	26.66 2.30 0.00	26.64 2.28 0.00	26.93 2.36 0.00	24.75 2.21 0.00	29.02 2.66 0.00	30.96 2.85 0.00	34.73 2.97 0.00	46.08 3.55 0.00	50.62 3.70 0.00	55.04 4.10 0.00	49.00 3.46 0.00	40.03 2.66 0.00	34.39 2.04 0.00
FARRCKWY_69_KV_BK2 55825	35.60 2.99 0.00	32.73 2.64 0.00	31.58 2.30 0.00	30.28 2.03 0.00	31.27 2.17 0.00	32.81 2.36 0.00	37.14 2.85 0.00	34.00 2.72 0.00	31.32 2.57 0.00	27.54 2.13 0.00	26.91 2.31 0.00	26.74 2.39 0.00	26.73 2.36 0.00	26.96 2.39 0.00	24.96 2.42 0.00	29.35 2.99 0.00	31.40 3.29 0.00	35.08 3.32 0.00	46.71 4.18 0.00	51.54 4.62 0.00	56.01 5.07 0.00	49.83 4.28 0.00	40.72 3.35 0.00	34.92 2.57 0.00
FENNER___WINDPWR 24204	33.14 0.53 0.00	30.57 0.47 0.00	29.67 0.40 0.00	28.60 0.35 0.00	29.48 0.38 0.00	30.93 0.47 0.00	34.76 0.47 0.00	31.53 0.24 0.00	28.80 0.05 0.00	25.37 -0.04 0.00	24.57 -0.04 0.00	24.32 -0.03 0.00	24.34 -0.02 0.00	24.57 -0.01 0.00	22.57 0.02 0.00	26.41 0.05 0.00	28.19 0.08 0.00	31.96 0.20 0.00	43.02 0.49 0.00	47.66 0.74 0.00	51.91 0.97 0.00	46.39 0.85 0.00	37.99 0.62 0.00	32.80 0.45 0.00
FIBERTEK___ENERGY 23856	32.44 -0.17 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.16 0.00	30.28 -0.17 0.00	34.02 -0.28 0.00	30.97 -0.31 0.00	28.39 -0.36 0.00	25.04 -0.36 0.00	24.26 -0.35 0.00	23.99 -0.37 0.00	24.00 -0.36 0.00	24.23 -0.35 0.00	22.21 -0.33 0.00	25.97 -0.39 0.00	27.72 -0.39 0.00	31.35 -0.41 0.00	42.00 -0.52 0.00	46.42 -0.50 0.00	50.45 -0.49 0.00	45.13 -0.42 0.00	37.06 -0.32 0.00	32.14 -0.21 0.00
FITZPATRICK___ 23598	31.73 -0.88 0.00	29.29 -0.81 0.00	28.49 -0.79 0.00	27.49 -0.76 0.00	28.31 -0.78 0.00	29.61 -0.85 0.00	33.23 -1.07 0.00	30.31 -0.97 0.00	27.81 -0.94 0.00	24.56 -0.85 0.00	23.80 -0.81 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.42 -0.93 0.00	27.13 -0.99 0.00	30.65 -1.11 0.00	41.02 -1.50 0.00	45.28 -1.64 0.00	49.21 -1.73 0.00	44.02 -1.52 0.00	36.21 -1.16 0.00	31.46 -0.89 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.84 2.23 0.00	32.08 1.98 0.00	31.16 1.89 0.00	30.04 1.79 0.00	31.00 1.90 0.00	32.50 2.05 0.00	36.76 2.46 0.00	33.65 2.37 0.00	30.95 2.21 0.00	27.39 1.99 0.00	26.58 1.97 0.00	26.32 1.96 0.00	26.35 1.98 0.00	26.60 2.03 0.00	24.48 1.94 0.00	28.75 2.39 0.00	30.71 2.60 0.00	34.55 2.79 0.00	45.98 3.46 0.00	50.60 3.68 0.00	55.06 4.12 0.00	49.08 3.53 0.00	40.08 2.71 0.00	34.46 2.11 0.00
FORT ORANGE___ 23900	33.46 0.85 0.00	30.89 0.80 0.00	30.05 0.77 0.00	28.98 0.72 0.00	29.84 0.75 0.00	31.21 0.76 0.00	35.17 0.88 0.00	31.94 0.66 0.00	29.13 0.38 0.00	25.86 0.45 0.00	25.06 0.45 0.00	24.85 0.50 0.00	24.88 0.52 0.00	25.10 0.52 0.00	23.08 0.54 0.00	27.12 0.76 0.00	28.87 0.76 0.00	32.59 0.83 0.00	43.62 1.10 0.00	48.10 1.18 0.00	52.41 1.47 0.00	46.94 1.39 0.00	38.48 1.11 0.00	33.45 1.11 0.00
FORT_DRUM_COGEN 23780	32.57 -0.04 0.00	30.06 -0.04 0.00	29.00 -0.28 0.00	27.85 -0.40 0.00	28.64 -0.46 0.00	30.25 -0.21 0.00	34.01 -0.28 0.00	30.55 -0.73 0.00	27.88 -0.87 0.00	24.58 -0.83 0.00	23.73 -0.88 0.00	23.48 -0.88 0.00	23.52 -0.84 0.00	23.71 -0.86 0.00	21.75 -0.80 0.00	25.45 -0.91 0.00	27.19 -0.92 0.00	30.87 -0.89 0.00	41.63 -0.89 0.00	46.52 -0.40 0.00	51.56 0.62 0.00	46.28 0.74 0.00	38.03 0.66 0.00	32.69 0.34 0.00
FOX_HILLS___ESR 323835	35.08 2.46 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.05 2.74 -0.01	33.99 2.70 0.00	31.42 2.67 0.00	27.87 2.46 0.00	27.02 2.41 0.00	26.77 2.41 0.00	26.75 2.39 0.00	27.03 2.46 0.00	24.86 2.31 0.00	29.14 2.78 0.00	31.08 2.96 0.00	34.91 3.15 0.00	46.33 3.80 -0.01	50.94 4.02 -0.01	55.37 4.41 -0.01	49.27 3.72 0.00	40.24 2.87 0.00	34.57 2.22 0.00
FPL_FAR_ROCK_GT1 24212	35.59 2.98 0.00	32.74 2.64 0.00	31.58 2.30 0.00	30.28 2.03 0.00	31.27 2.17 0.00	32.81 2.35 0.00	37.14 2.84 0.00	33.98 2.70 0.00	31.32 2.57 0.00	27.54 2.13 0.00	26.91 2.31 0.00	26.74 2.39 0.00	26.73 2.36 0.00	26.96 2.39 0.00	24.96 2.42 0.00	29.34 2.99 0.00	31.40 3.29 0.00	35.07 3.31 0.00	46.70 4.17 0.00	51.54 4.62 0.00	56.01 5.06 0.00	49.82 4.27 0.00	40.72 3.35 0.00	34.92 2.56 0.00
FPL_FAR_ROCK_GT2 23815	35.59 2.98 0.00	32.74 2.64 0.00	31.58 2.30 0.00	30.28 2.03 0.00	31.27 2.17 0.00	32.81 2.35 0.00	37.14 2.84 0.00	33.98 2.70 0.00	31.32 2.57 0.00	27.54 2.13 0.00	26.91 2.31 0.00	26.74 2.39 0.00	26.73 2.36 0.00	26.96 2.39 0.00	24.96 2.42 0.00	29.34 2.99 0.00	31.40 3.29 0.00	35.07 3.31 0.00	46.70 4.17 0.00	51.54 4.62 0.00	56.01 5.06 0.00	49.82 4.27 0.00	40.72 3.35 0.00	34.92 2.56 0.00

FRANKLIN_FALL_HYD 24054	32.36 -0.25 0.00	29.92 -0.18 0.00	29.15 -0.13 0.00	28.11 -0.14 0.00	28.90 -0.20 0.00	30.33 -0.13 0.00	34.48 0.18 0.00	31.63 0.35 0.00	28.90 0.15 0.00	25.43 0.02 0.00	24.54 -0.06 0.00	24.23 -0.13 0.00	24.17 -0.20 0.00	24.36 -0.21 0.00	22.31 -0.23 0.00	26.06 -0.30 0.00	27.82 -0.29 0.00	31.52 -0.24 0.00	42.42 -0.10 0.00	46.90 -0.02 0.00	50.80 -0.14 0.00	45.49 -0.06 0.00	37.45 0.08 0.00	32.32 -0.03 0.00
FREEPORT_EQUS_GT1 23764	35.36 2.75 0.00	32.72 2.41 -0.21	31.50 2.22 0.00	30.36 2.11 0.00	31.38 2.28 0.00	32.93 2.47 0.00	37.26 2.97 0.00	34.09 2.81 0.00	31.41 2.66 0.00	27.60 2.20 0.00	26.95 2.34 0.00	26.79 2.43 0.00	26.76 2.39 0.00	26.93 2.36 0.00	24.82 2.27 0.00	29.20 2.85 0.00	31.26 3.15 0.00	35.13 3.36 0.00	46.73 4.20 0.00	51.33 4.41 0.00	55.77 4.83 0.00	49.64 4.09 0.00	40.61 3.24 0.00	34.81 2.46 0.00
FREEPORT___CT2 23818	35.36 2.75 0.00	32.72 2.41 -0.21	31.50 2.22 0.00	30.36 2.11 0.00	31.38 2.28 0.00	32.93 2.47 0.00	37.26 2.97 0.00	34.09 2.81 0.00	31.41 2.66 0.00	27.60 2.20 0.00	26.95 2.34 0.00	26.79 2.43 0.00	26.76 2.39 0.00	26.93 2.36 0.00	24.82 2.27 0.00	29.20 2.85 0.00	31.26 3.15 0.00	35.13 3.36 0.00	46.73 4.20 0.00	51.33 4.41 0.00	55.77 4.83 0.00	49.64 4.09 0.00	40.61 3.24 0.00	34.81 2.46 0.00
FRESHKLS_33_KV_LOAD 356253	35.15 2.54 0.00	32.41 2.31 0.00	31.46 2.18 0.00	30.33 2.08 0.00	31.29 2.19 0.00	32.82 2.36 0.00	37.14 2.84 -0.01	34.07 2.79 0.00	31.50 2.75 0.00	27.91 2.51 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.77 2.40 0.00	27.06 2.48 0.00	24.87 2.32 0.00	29.18 2.82 0.00	31.13 3.01 0.00	34.98 3.22 0.00	46.43 3.90 -0.01	51.06 4.14 -0.01	55.50 4.55 -0.01	49.39 3.84 0.00	40.33 2.96 0.00	34.64 2.29 0.00
FULTON COGEN____ 23766	31.81 -0.80 0.00	29.35 -0.75 0.00	28.52 -0.75 0.00	27.53 -0.73 0.00	28.37 -0.73 0.00	29.68 -0.78 0.00	33.32 -0.98 0.00	30.37 -0.91 0.00	27.85 -0.90 0.00	24.59 -0.82 0.00	23.80 -0.81 0.00	23.55 -0.81 0.00	23.56 -0.81 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.44 -0.92 0.00	27.14 -0.97 0.00	30.69 -1.08 0.00	41.11 -1.42 0.00	45.42 -1.50 0.00	49.40 -1.55 0.00	44.20 -1.35 0.00	36.33 -1.04 0.00	31.55 -0.80 0.00
FULTON___LFGE 323630	33.96 1.35 0.00	31.35 1.26 0.00	30.49 1.21 0.00	29.41 1.16 0.00	30.35 1.26 0.00	31.82 1.36 0.00	35.69 1.40 0.00	31.97 0.68 0.00	29.04 0.29 0.00	25.50 0.10 0.00	24.64 0.03 0.00	24.40 0.04 0.00	24.41 0.04 0.00	24.63 0.05 0.00	22.63 0.08 0.00	26.50 0.14 0.00	28.33 0.21 0.00	32.25 0.49 0.00	43.80 1.27 0.00	48.87 1.94 0.00	53.39 2.45 0.00	47.75 2.20 0.00	39.10 1.73 0.00	33.71 1.36 0.00
G.F.CEMENT___DRP 24184	34.77 2.16 0.00	32.07 1.97 0.00	31.22 1.95 0.00	30.14 1.88 0.00	31.08 1.99 0.00	32.53 2.08 0.00	36.75 2.45 0.00	33.28 1.99 0.00	30.00 1.24 0.00	26.43 1.02 0.00	25.48 0.87 0.00	25.25 0.89 0.00	25.24 0.88 0.00	25.47 0.90 0.00	23.50 0.95 0.00	27.65 1.29 0.00	29.67 1.56 0.00	33.63 1.86 0.00	45.36 2.83 0.00	50.30 3.38 0.00	54.62 3.68 0.00	48.94 3.39 0.00	40.06 2.69 0.00	34.67 2.32 0.00
GARDENVILLE___LBMP 24039	29.60 -2.50 0.51	27.61 -2.25 0.24	27.16 -2.11 0.00	26.29 -1.96 0.00	24.67 -2.05 2.38	9.43 -1.99 19.03	14.03 -2.58 17.68	9.74 -1.98 19.56	24.48 -1.80 2.47	23.66 -1.68 0.07	22.90 -1.70 0.00	22.60 -1.76 0.00	22.49 -1.88 0.00	22.63 -1.94 0.00	20.74 -1.80 0.00	21.66 -2.38 2.31	22.98 -2.57 2.57	19.64 -2.67 9.45	18.65 -3.78 20.10	22.37 -4.27 20.27	25.80 -4.85 20.28	25.29 -4.14 16.12	18.94 -3.31 15.11	13.94 -2.82 15.58
GARDNVLA_35_KV_LD 355827	29.74 -2.43 0.45	27.72 -2.17 0.21	27.25 -2.02 0.00	26.37 -1.88 0.00	25.02 -1.98 2.10	11.76 -1.91 16.79	16.21 -2.49 15.60	12.14 -1.89 17.26	24.88 -1.69 2.18	23.76 -1.59 0.06	22.98 -1.63 0.00	22.67 -1.69 0.00	22.55 -1.82 0.00	22.71 -1.87 0.00	20.81 -1.74 0.00	22.00 -2.32 2.04	23.45 -2.50 2.16	21.21 -2.60 7.96	21.93 -3.68 16.92	25.69 -4.16 17.06	29.13 -4.74 17.08	27.94 -4.04 13.57	21.42 -3.23 12.73	16.48 -2.74 13.12
GELCKHM___115KV_LOAD 80723	32.25 -0.36 0.00	29.74 -0.35 0.00	28.93 -0.35 0.00	27.91 -0.34 0.00	28.75 -0.34 0.00	30.10 -0.36 0.00	33.80 -0.49 0.00	30.80 -0.48 0.00	28.24 -0.51 0.00	24.92 -0.49 0.00	24.14 -0.47 0.00	23.88 -0.48 0.00	23.88 -0.48 0.00	24.10 -0.47 0.00	22.10 -0.44 0.00	25.82 -0.54 0.00	27.55 -0.56 0.00	31.14 -0.62 0.00	41.73 -0.79 0.00	46.09 -0.83 0.00	50.11 -0.83 0.00	44.83 -0.71 0.00	36.83 -0.54 0.00	31.96 -0.39 0.00
GENERAL___MILLS 23808	29.68 -2.46 0.47	27.67 -2.21 0.22	27.21 -2.06 0.00	26.33 -1.92 0.00	24.91 -2.01 2.18	11.11 -1.95 17.40	15.61 -2.53 16.16	11.47 -1.93 17.88	24.75 -1.74 2.25	23.71 -1.64 0.06	22.94 -1.66 0.00	22.63 -1.73 0.00	22.51 -1.85 0.00	22.66 -1.91 0.00	20.77 -1.78 0.00	21.88 -2.36 2.12	23.30 -2.54 2.27	20.75 -2.64 8.36	21.01 -3.74 17.78	24.76 -4.23 17.94	28.19 -4.80 17.95	27.18 -4.10 14.26	20.72 -3.28 13.38	15.78 -2.78 13.79
GE_PLASTICS___DRP 24183	33.41 0.80 0.00	30.84 0.74 0.00	29.99 0.72 0.00	28.94 0.69 0.00	29.80 0.71 0.00	31.18 0.73 0.00	35.14 0.85 0.00	32.00 0.72 0.00	29.27 0.52 0.00	25.96 0.55 0.00	25.18 0.57 0.00	24.96 0.60 0.00	25.00 0.63 0.00	25.21 0.64 0.00	23.18 0.64 0.00	27.17 0.81 0.00	28.93 0.82 0.00	32.63 0.86 0.00	43.61 1.09 0.00	48.05 1.13 0.00	52.32 1.38 0.00	46.82 1.28 0.00	38.39 1.02 0.00	33.31 0.96 0.00
GILBOA___1 23756	33.60 0.99 0.00	30.99 0.89 0.00	30.13 0.85 0.00	29.07 0.81 0.00	29.96 0.87 0.00	31.37 0.92 0.00	35.39 1.10 0.00	32.29 1.01 0.00	29.62 0.87 0.00	26.23 0.82 0.00	25.47 0.86 0.00	25.29 0.93 0.00	25.38 1.02 0.00	25.62 1.05 0.00	23.50 0.95 0.00	27.42 1.06 0.00	29.21 1.10 0.00	32.94 1.18 0.00	43.98 1.46 0.00	48.40 1.49 0.00	52.74 1.80 0.00	47.13 1.58 0.00	38.59 1.22 0.00	33.34 0.99 0.00
GILBOA___2 23757	33.60 0.99 0.00	30.99 0.89 0.00	30.13 0.85 0.00	29.07 0.81 0.00	29.96 0.87 0.00	31.37 0.92 0.00	35.39 1.10 0.00	32.29 1.01 0.00	29.62 0.87 0.00	26.23 0.82 0.00	25.47 0.86 0.00	25.29 0.93 0.00	25.38 1.02 0.00	25.62 1.05 0.00	23.50 0.95 0.00	27.42 1.06 0.00	29.21 1.10 0.00	32.94 1.18 0.00	43.98 1.46 0.00	48.40 1.49 0.00	52.74 1.80 0.00	47.13 1.58 0.00	38.59 1.22 0.00	33.34 0.99 0.00
GILBOA___3 23758	33.60 0.99 0.00	30.99 0.89 0.00	30.13 0.85 0.00	29.07 0.81 0.00	29.96 0.87 0.00	31.37 0.92 0.00	35.39 1.10 0.00	32.29 1.01 0.00	29.62 0.87 0.00	26.23 0.82 0.00	25.47 0.86 0.00	25.29 0.93 0.00	25.38 1.02 0.00	25.62 1.05 0.00	23.50 0.95 0.00	27.42 1.06 0.00	29.21 1.10 0.00	32.94 1.18 0.00	43.98 1.46 0.00	48.40 1.49 0.00	52.74 1.80 0.00	47.13 1.58 0.00	38.59 1.22 0.00	33.34 0.99 0.00

GILBOA____4 23759	33.60 0.99 0.00	30.99 0.89 0.00	30.13 0.85 0.00	29.07 0.81 0.00	29.96 0.87 0.00	31.37 0.92 0.00	35.39 1.10 0.00	32.29 1.01 0.00	29.62 0.87 0.00	26.23 0.82 0.00	25.47 0.86 0.00	25.29 0.93 0.00	25.38 1.02 0.00	25.62 1.05 0.00	23.50 0.95 0.00	27.42 1.06 0.00	29.21 1.10 0.00	32.94 1.18 0.00	43.98 1.46 0.00	48.40 1.49 0.00	52.74 1.80 0.00	47.13 1.58 0.00	38.59 1.22 0.00	33.34 0.99 0.00
GILBOA____ 23599	33.61 1.00 0.00	30.99 0.90 0.00	30.13 0.85 0.00	29.07 0.81 0.00	29.96 0.87 0.00	31.38 0.92 0.00	35.39 1.10 0.00	32.30 1.02 0.00	29.62 0.87 0.00	26.23 0.82 0.00	25.47 0.86 0.00	25.29 0.93 0.00	25.38 1.02 0.00	25.62 1.05 0.00	23.50 0.96 0.00	27.42 1.06 0.00	29.21 1.10 0.00	32.95 1.18 0.00	43.98 1.46 0.00	48.40 1.48 0.00	52.75 1.80 0.00	47.13 1.58 0.00	38.59 1.22 0.00	33.34 0.99 0.00
GINNA____ 23603	30.20 -2.41 0.00	27.89 -2.21 0.00	27.20 -2.08 0.00	26.27 -1.98 0.00	27.07 -2.03 0.00	28.40 -2.06 0.00	31.83 -2.46 0.00	29.15 -2.14 0.00	26.69 -2.06 0.00	23.54 -1.87 0.00	22.76 -1.84 0.00	22.41 -1.95 0.00	22.34 -2.02 0.00	22.54 -2.03 0.00	20.67 -1.88 0.00	24.04 -2.32 0.00	25.74 -2.37 0.00	29.23 -2.53 0.00	39.19 -3.33 0.00	43.28 -3.64 0.00	46.95 -3.99 0.00	42.02 -3.53 0.00	34.48 -2.89 0.00	29.90 -2.45 0.00
GLEN PARK____ 23778	32.57 -0.03 0.00	30.06 -0.04 0.00	29.01 -0.27 0.00	27.86 -0.39 0.00	28.65 -0.45 0.00	30.27 -0.18 0.00	34.02 -0.27 0.00	30.53 -0.75 0.00	27.84 -0.91 0.00	24.53 -0.88 0.00	23.67 -0.93 0.00	23.43 -0.93 0.00	23.48 -0.89 0.00	23.66 -0.91 0.00	21.70 -0.85 0.00	25.40 -0.96 0.00	27.14 -0.98 0.00	30.82 -0.94 0.00	41.59 -0.93 0.00	46.52 -0.40 0.00	51.61 0.67 0.00	46.29 0.75 0.00	38.03 0.66 0.00	32.70 0.35 0.00
GLENDALE_27_KV_LOAD 356172	35.05 2.44 0.00	32.30 2.21 0.00	31.37 2.09 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.71 2.25 0.00	36.97 2.68 0.00	34.00 2.72 0.00	31.44 2.69 0.00	27.92 2.51 0.00	27.08 2.48 0.00	26.85 2.49 0.00	26.83 2.46 0.00	27.11 2.54 0.00	24.92 2.38 0.00	29.21 2.85 0.00	31.13 3.02 0.00	34.92 3.15 0.00	46.29 3.77 0.00	50.90 3.98 0.00	55.33 4.38 0.00	49.27 3.72 0.00	40.23 2.86 0.00	34.59 2.24 0.00
GLENWOOD_IC_1_G5 23712	35.12 2.51 0.00	32.32 2.23 0.00	31.36 2.08 0.00	30.22 1.97 0.00	31.22 2.12 0.00	32.74 2.29 0.00	37.05 2.75 0.00	33.93 2.65 0.00	31.29 2.54 0.00	27.61 2.20 0.00	26.91 2.30 0.00	26.71 2.36 0.00	26.70 2.34 0.00	26.93 2.35 0.00	24.79 2.24 0.00	29.12 2.76 0.00	31.11 3.00 0.00	34.74 2.98 0.00	46.16 3.63 0.00	50.71 3.79 0.00	55.12 4.17 0.00	49.10 3.55 0.00	40.34 2.97 0.00	34.62 2.27 0.00
GLENWOOD_IC_2_G1 23688	34.96 2.35 0.00	32.20 2.10 0.00	31.24 1.97 0.00	30.12 1.87 0.00	31.09 1.99 0.00	32.60 2.14 0.00	36.88 2.59 0.00	33.77 2.49 0.00	31.16 2.41 0.00	27.54 2.13 0.00	26.80 2.20 0.00	26.59 2.23 0.00	26.59 2.23 0.00	26.82 2.25 0.00	24.69 2.14 0.00	28.98 2.62 0.00	30.96 2.84 0.00	34.74 2.98 0.00	46.17 3.64 0.00	50.74 3.82 0.00	55.16 4.22 0.00	49.12 3.57 0.00	40.16 2.78 0.00	34.49 2.14 0.00
GLENWOOD_IC_3_G1 23689	34.96 2.35 0.00	32.20 2.10 0.00	31.24 1.97 0.00	30.12 1.87 0.00	31.09 1.99 0.00	32.60 2.14 0.00	36.88 2.59 0.00	33.77 2.49 0.00	31.16 2.41 0.00	27.54 2.13 0.00	26.80 2.20 0.00	26.59 2.23 0.00	26.59 2.23 0.00	26.82 2.25 0.00	24.69 2.14 0.00	28.98 2.62 0.00	30.96 2.84 0.00	34.74 2.98 0.00	46.17 3.64 0.00	50.74 3.82 0.00	55.16 4.22 0.00	49.12 3.57 0.00	40.16 2.78 0.00	34.49 2.14 0.00
GLENWOOD____4 23550	35.12 2.51 0.00	32.32 2.23 0.00	31.36 2.08 0.00	30.22 1.97 0.00	31.22 2.12 0.00	32.74 2.29 0.00	37.05 2.75 0.00	33.93 2.65 0.00	31.29 2.54 0.00	27.61 2.20 0.00	26.91 2.30 0.00	26.71 2.36 0.00	26.70 2.34 0.00	26.93 2.35 0.00	24.79 2.24 0.00	29.12 2.76 0.00	31.12 3.01 0.00	34.81 3.05 0.00	46.26 3.74 0.00	50.82 3.91 0.00	55.25 4.31 0.00	49.20 3.65 0.00	40.34 2.97 0.00	34.62 2.27 0.00
GLENWOOD____5 23614	35.12 2.51 0.00	32.32 2.23 0.00	31.36 2.08 0.00	30.22 1.97 0.00	31.22 2.12 0.00	32.74 2.29 0.00	37.05 2.75 0.00	33.93 2.65 0.00	31.29 2.54 0.00	27.61 2.20 0.00	26.91 2.30 0.00	26.71 2.36 0.00	26.70 2.34 0.00	26.93 2.35 0.00	24.79 2.24 0.00	29.12 2.76 0.00	31.12 3.01 0.00	34.81 3.05 0.00	46.26 3.74 0.00	50.82 3.91 0.00	55.25 4.31 0.00	49.20 3.65 0.00	40.34 2.97 0.00	34.62 2.27 0.00
GLOBAL GREEN_PORT_GT1 23814	36.87 4.26 0.00	42.77 3.76 -8.91	32.78 3.50 0.00	31.59 3.34 0.00	32.69 3.60 0.00	33.60 3.14 0.00	37.71 3.42 0.00	34.23 2.95 0.00	31.51 2.76 0.00	27.51 2.10 0.00	26.95 2.35 0.00	26.98 2.62 0.00	26.99 2.62 0.00	27.28 2.71 0.00	25.24 2.69 0.00	29.84 3.48 0.00	31.99 3.88 0.00	36.28 4.52 0.00	48.59 6.06 0.00	53.56 6.64 0.00	58.08 7.13 0.00	51.57 6.02 0.00	42.25 4.88 0.00	36.30 3.94 0.00
GLOBE____DSASP 323697	28.86 -3.39 0.36	26.97 -2.96 0.17	26.57 -2.70 0.00	25.72 -2.53 0.00	24.83 -2.60 1.67	14.61 -2.49 13.35	18.68 -3.21 12.40	15.00 -2.56 13.72	24.59 -2.42 1.73	23.08 -2.27 0.05	22.36 -2.25 0.00	21.97 -2.39 0.00	21.85 -2.52 0.00	21.94 -2.64 0.00	20.08 -2.47 0.00	21.55 -3.20 1.62	23.02 -3.33 1.77	21.77 -3.48 6.52	23.83 -4.84 13.85	27.45 -5.49 13.97	30.84 -6.12 13.98	29.17 -5.27 11.11	22.81 -4.15 10.42	18.20 -3.41 10.74
GOETHSLN____LBMP 323567	34.77 2.16 0.00	32.04 1.94 0.00	31.11 1.84 0.00	30.01 1.75 0.00	30.95 1.86 0.00	32.46 2.01 0.00	36.70 2.41 0.00	33.69 2.41 0.00	31.15 2.40 0.00	27.65 2.25 0.00	26.83 2.22 0.00	26.59 2.23 0.00	26.58 2.21 0.00	26.86 2.29 0.00	24.69 2.15 0.00	28.96 2.60 0.00	30.88 2.77 0.00	34.65 2.89 0.00	45.99 3.47 0.00	50.52 3.60 0.00	54.91 3.97 0.00	48.89 3.34 0.00	39.92 2.55 0.00	34.29 1.94 0.00
GOLAH____69_KV_TB 1_2 80279	31.31 -1.24 0.06	28.98 -1.09 0.03	28.30 -0.98 0.00	27.35 -0.90 0.00	27.89 -0.92 0.28	27.31 -0.87 2.27	30.99 -1.19 2.11	27.98 -0.97 2.33	27.47 -0.98 0.29	24.44 -0.96 0.01	23.63 -0.98 0.00	23.22 -1.14 0.00	23.13 -1.24 0.00	23.31 -1.27 0.00	21.40 -1.15 0.00	24.62 -1.50 0.23	26.33 -1.54 0.25	29.33 -1.52 0.91	38.56 -2.03 1.94	42.79 -2.18 1.95	46.68 -2.31 1.95	42.07 -1.93 1.55	34.37 -1.55 1.45	29.57 -1.28 1.50
GOODYEAR_LAKE_HYD 323669	33.63 1.02 0.00	31.01 0.91 0.00	30.13 0.85 0.00	29.07 0.82 0.00	30.00 0.90 0.00	31.48 1.02 0.00	35.44 1.15 0.00	32.25 0.97 0.00	29.63 0.88 0.00	26.13 0.72 0.00	25.30 0.70 0.00	25.07 0.71 0.00	25.11 0.75 0.00	25.34 0.76 0.00	23.26 0.71 0.00	27.15 0.79 0.00	28.99 0.88 0.00	32.83 1.06 0.00	44.02 1.50 0.00	48.65 1.73 0.00	52.93 1.98 0.00	47.24 1.70 0.00	38.64 1.27 0.00	33.30 0.95 0.00

GOUDEY___1 345031	32.83 0.17 -0.05	30.22 0.09 -0.02	29.35 0.07 0.00	28.33 0.08 0.00	29.45 0.11 -0.24	32.58 0.17 -1.96	36.24 0.13 -1.82	33.43 0.13 -2.01	29.07 0.06 -0.25	25.42 0.01 -0.01	24.63 0.02 0.00	24.38 0.03 0.00	24.40 0.04 0.00	24.61 0.04 0.00	22.58 0.04 0.00	26.59 0.02 -0.21	28.12 0.01 0.00	31.83 0.06 0.00	42.58 0.06 0.00	47.04 0.12 0.00	51.06 0.12 0.00	45.65 0.10 0.00	37.43 0.06 0.00	32.35 0.00 0.00
GOUDEY___7 23579	32.83 0.17 -0.05	30.22 0.09 -0.02	29.35 0.07 0.00	28.33 0.08 0.00	29.45 0.11 -0.24	32.58 0.17 -1.96	36.24 0.13 -1.82	33.43 0.13 -2.01	29.07 0.06 -0.25	25.42 0.01 -0.01	24.63 0.02 0.00	24.38 0.03 0.00	24.40 0.04 0.00	24.61 0.04 0.00	22.58 0.04 0.00	26.59 0.02 -0.21	28.12 0.01 0.00	31.83 0.06 0.00	42.58 0.06 0.00	47.04 0.12 0.00	51.06 0.12 0.00	45.65 0.10 0.00	37.43 0.06 0.00	32.35 0.00 0.00
GOUDEY___8 23580	32.83 0.17 -0.05	30.22 0.09 -0.02	29.35 0.07 0.00	28.33 0.08 0.00	29.45 0.11 -0.24	32.58 0.17 -1.96	36.24 0.13 -1.82	33.43 0.13 -2.01	29.07 0.06 -0.25	25.42 0.01 -0.01	24.63 0.02 0.00	24.38 0.03 0.00	24.40 0.04 0.00	24.61 0.04 0.00	22.58 0.04 0.00	26.59 0.02 -0.21	28.12 0.01 0.00	31.83 0.06 0.00	42.58 0.06 0.00	47.04 0.12 0.00	51.06 0.12 0.00	45.65 0.10 0.00	37.43 0.06 0.00	32.35 0.00 0.00
GOWANUS_GT1_1 24077	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT1_2 24078	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT1_3 24079	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT1_4 24080	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT1_5 24084	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT1_6 24111	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT1_7 24112	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT1_8 24113	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT2_1 24114	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT2_2 24115	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT2_3 24116	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT2_4 24117	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00

GOWANUS_GT2_5 24118	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT2_6 24119	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT2_7 24120	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT2_8 24121	35.06 2.45 0.00	32.32 2.22 0.00	31.37 2.09 0.00	30.25 2.01 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.72 -0.01	33.97 2.69 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.43 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.49 0.00	24.88 2.33 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_1 24122	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_2 24123	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_3 24124	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_4 24125	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_5 24126	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_6 24127	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_7 24128	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT3_8 24129	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
GOWANUS_GT4_1 24130	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT4_2 24131	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT4_3 24132	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00

GOWANUS_GT4_4 24133	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT4_5 24134	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT4_6 24135	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT4_7 24136	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GOWANUS_GT4_8 24137	35.07 2.46 0.00	32.31 2.22 0.00	31.37 2.10 0.00	30.25 2.00 0.00	31.20 2.10 0.00	32.73 2.28 0.00	37.02 2.72 -0.01	34.00 2.72 0.00	31.42 2.67 0.00	27.88 2.47 0.00	27.04 2.44 0.00	26.79 2.43 0.00	26.78 2.42 0.00	27.07 2.50 0.00	24.88 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GREENBSH_115KV_TB3 55895	33.31 0.70 0.00	30.76 0.66 0.00	29.92 0.65 0.00	28.85 0.60 0.00	29.71 0.62 0.00	31.08 0.62 0.00	35.00 0.70 0.00	31.82 0.54 0.00	29.04 0.29 0.00	25.80 0.39 0.00	25.02 0.41 0.00	24.81 0.45 0.00	24.84 0.47 0.00	25.05 0.47 0.00	23.04 0.49 0.00	27.06 0.70 0.00	28.80 0.69 0.00	32.48 0.72 0.00	43.44 0.92 0.00	47.85 0.93 0.00	52.11 1.16 0.00	46.66 1.11 0.00	38.28 0.91 0.00	33.30 0.95 0.00
GREENDGE_115KV_TB5 80291	32.69 -0.45 -0.52	29.80 -0.55 -0.24	28.66 -0.62 0.00	27.69 -0.56 0.00	30.98 -0.55 -2.44	49.53 -0.42 -19.49	51.84 -0.56 -18.11	50.79 -0.53 -20.03	30.65 -0.62 -2.53	24.81 -0.67 -0.07	23.92 -0.69 0.00	23.56 -0.80 0.00	23.51 -0.85 0.00	23.76 -0.82 0.00	21.83 -0.71 0.00	27.94 -0.83 -2.41	29.90 -0.82 -2.61	40.63 -0.73 -9.60	62.14 -0.79 -20.41	66.83 -0.68 -20.59	70.80 -0.75 -20.60	61.23 -0.69 -16.37	52.07 -0.65 -15.35	47.55 -0.63 -15.83
GREENIDGE___3 23582	32.69 -0.45 -0.52	29.80 -0.55 -0.24	28.66 -0.62 0.00	27.69 -0.56 0.00	30.98 -0.55 -2.44	49.53 -0.42 -19.49	51.84 -0.56 -18.11	50.79 -0.53 -20.03	30.65 -0.62 -2.53	24.81 -0.67 -0.07	23.92 -0.69 0.00	23.56 -0.80 0.00	23.51 -0.85 0.00	23.76 -0.82 0.00	21.83 -0.71 0.00	27.94 -0.83 -2.41	29.90 -0.82 -2.61	40.63 -0.73 -9.60	62.14 -0.79 -20.41	66.83 -0.68 -20.59	70.80 -0.75 -20.60	61.23 -0.69 -16.37	52.07 -0.65 -15.35	47.55 -0.63 -15.83
GREENIDGE___4 23583	32.68 -0.45 -0.52	29.80 -0.55 -0.24	28.66 -0.62 0.00	27.69 -0.56 0.00	30.99 -0.55 -2.44	49.54 -0.41 -19.49	51.85 -0.56 -18.11	50.81 -0.51 -20.03	30.65 -0.62 -2.53	24.81 -0.67 -0.07	23.92 -0.69 0.00	23.56 -0.80 0.00	23.52 -0.85 0.00	23.76 -0.81 0.00	21.84 -0.71 0.00	27.94 -0.83 -2.41	29.90 -0.82 -2.61	40.63 -0.73 -9.60	62.16 -0.77 -20.41	66.85 -0.66 -20.59	70.81 -0.74 -20.60	61.24 -0.68 -16.37	52.09 -0.64 -15.35	47.56 -0.62 -15.83
GREENLWN_69_KV_BK 3 55738	35.30 2.69 0.00	32.83 2.36 -0.37	31.45 2.17 0.00	30.31 2.06 0.00	31.35 2.25 0.00	32.87 2.41 0.00	37.19 2.90 0.00	33.97 2.68 0.00	31.28 2.53 0.00	27.36 1.96 0.00	26.79 2.18 0.00	26.69 2.33 0.00	26.68 2.32 0.00	26.79 2.22 0.00	24.68 2.14 0.00	29.03 2.67 0.00	31.11 2.99 0.00	34.93 3.17 0.00	46.45 3.92 0.00	51.00 4.08 0.00	55.26 4.31 0.00	49.19 3.64 0.00	40.32 2.95 0.00	34.57 2.22 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00
GRISSOM___SOLAR 323813	33.99 1.38 0.00	31.37 1.27 0.00	30.51 1.23 0.00	29.43 1.18 0.00	30.35 1.26 0.00	31.82 1.36 0.00	35.70 1.40 0.00	31.94 0.66 0.00	28.99 0.24 0.00	25.47 0.07 0.00	24.62 0.01 0.00	24.40 0.04 0.00	24.41 0.04 0.00	24.63 0.05 0.00	22.63 0.09 0.00	26.52 0.16 0.00	28.33 0.22 0.00	32.24 0.48 0.00	43.79 1.26 0.00	48.88 1.96 0.00	53.42 2.48 0.00	47.77 2.22 0.00	39.12 1.75 0.00	33.74 1.39 0.00
GROVEVILLE___HYD 323602	34.84 2.23 0.00	32.08 1.98 0.00	31.16 1.89 0.00	30.04 1.79 0.00	31.00 1.90 0.00	32.50 2.05 0.00	36.76 2.46 0.00	33.65 2.37 0.00	30.95 2.21 0.00	27.39 1.99 0.00	26.58 1.97 0.00	26.32 1.96 0.00	26.35 1.98 0.00	26.60 2.03 0.00	24.48 1.94 0.00	28.75 2.39 0.00	30.71 2.60 0.00	34.55 2.79 0.00	45.98 3.46 0.00	50.60 3.68 0.00	55.06 4.12 0.00	49.08 3.53 0.00	40.08 2.71 0.00	34.46 2.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.44 -0.17 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.16 0.00	30.28 -0.17 0.00	34.02 -0.28 0.00	30.97 -0.31 0.00	28.39 -0.36 0.00	25.04 -0.36 0.00	24.26 -0.35 0.00	23.99 -0.37 0.00	24.00 -0.36 0.00	24.23 -0.35 0.00	22.21 -0.33 0.00	25.97 -0.39 0.00	27.72 -0.39 0.00	31.35 -0.41 0.00	42.00 -0.52 0.00	46.42 -0.50 0.00	50.45 -0.49 0.00	45.13 -0.42 0.00	37.06 -0.32 0.00	32.14 -0.21 0.00
HAMLTNNY_34_KV_TB 80303	32.46 -0.15 0.00	29.94 -0.16 0.00	29.12 -0.16 0.00	28.10 -0.15 0.00	28.93 -0.17 0.00	30.29 -0.17 0.00	34.04 -0.26 0.00	30.98 -0.30 0.00	28.36 -0.39 0.00	24.99 -0.42 0.00	24.19 -0.42 0.00	23.91 -0.45 0.00	23.90 -0.46 0.00	24.15 -0.42 0.00	22.16 -0.38 0.00	25.92 -0.44 0.00	27.67 -0.45 0.00	31.31 -0.46 0.00	41.99 -0.54 0.00	46.46 -0.46 0.00	50.47 -0.47 0.00	45.15 -0.39 0.00	37.08 -0.30 0.00	32.12 -0.23 0.00

HAMPSHIRE___PAPER_HYD 323593	32.17 -0.44 0.00	29.73 -0.37 0.00	28.81 -0.47 0.00	27.77 -0.49 0.00	28.51 -0.58 0.00	30.01 -0.45 0.00	33.83 -0.46 0.00	30.59 -0.69 0.00	28.06 -0.68 0.00	24.71 -0.69 0.00	23.85 -0.76 0.00	23.57 -0.79 0.00	23.55 -0.82 0.00	23.73 -0.84 0.00	21.75 -0.79 0.00	25.44 -0.92 0.00	27.18 -0.93 0.00	30.66 -1.11 0.00	41.33 -1.20 0.00	45.93 -0.98 0.00	50.52 -0.42 0.00	45.44 -0.11 0.00	37.47 0.10 0.00	32.25 -0.10 0.00
HARDSCRABBLE_WT_PWR 323673	34.02 1.41 0.00	31.51 1.41 0.00	30.70 1.43 0.00	29.64 1.39 0.00	30.53 1.43 0.00	31.98 1.52 0.00	35.87 1.57 0.00	32.25 0.97 0.00	29.02 0.28 0.00	25.57 0.17 0.00	24.81 0.21 0.00	24.59 0.24 0.00	24.64 0.28 0.00	24.89 0.32 0.00	22.95 0.41 0.00	27.03 0.67 0.00	28.82 0.70 0.00	32.73 0.97 0.00	44.28 1.76 0.00	49.33 2.42 0.00	53.90 2.96 0.00	48.34 2.79 0.00	39.52 2.15 0.00	34.05 1.70 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.71 2.10 0.00	31.97 1.87 0.00	31.03 1.75 0.00	29.91 1.66 0.00	30.87 1.77 0.00	32.40 1.94 0.00	36.63 2.34 0.00	33.54 2.26 0.00	30.89 2.14 0.00	27.36 1.96 0.00	26.55 1.94 0.00	26.30 1.94 0.00	26.34 1.97 0.00	26.59 2.02 0.00	24.46 1.92 0.00	28.72 2.37 0.00	30.68 2.57 0.00	34.51 2.74 0.00	45.90 3.38 0.00	50.46 3.54 0.00	54.93 3.99 0.00	48.95 3.40 0.00	39.98 2.61 0.00	34.37 2.02 0.00
HARSNRAD_115KV_TB1 81005	29.34 -2.92 0.35	27.38 -2.56 0.16	26.98 -2.29 0.00	26.13 -2.12 0.00	25.28 -2.18 1.63	15.36 -2.09 13.01	19.46 -2.75 12.08	15.74 -2.18 13.37	24.97 -2.10 1.69	23.37 -1.99 0.05	22.58 -2.03 0.00	22.22 -2.14 0.00	22.09 -2.27 0.00	22.20 -2.37 0.00	20.34 -2.21 0.00	21.94 -2.87 1.55	23.40 -3.00 1.71	22.36 -3.10 6.31	24.69 -4.42 13.41	28.36 -5.04 13.52	31.81 -5.59 13.53	30.13 -4.66 10.76	23.72 -3.57 10.09	19.00 -2.95 10.40
HARZA MOOSE___RIVER 24016	33.07 0.46 0.00	30.53 0.43 0.00	29.52 0.24 0.00	28.44 0.19 0.00	29.26 0.16 0.00	30.81 0.35 0.00	34.68 0.39 0.00	31.30 0.02 0.00	28.59 -0.16 0.00	25.17 -0.23 0.00	24.32 -0.29 0.00	24.07 -0.29 0.00	24.08 -0.29 0.00	24.29 -0.29 0.00	22.31 -0.24 0.00	26.10 -0.26 0.00	27.90 -0.21 0.00	31.67 -0.10 0.00	42.79 0.27 0.00	47.61 0.70 0.00	52.23 1.29 0.00	46.77 1.23 0.00	38.38 1.01 0.00	33.03 0.68 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.24 -0.37 0.00	29.74 -0.36 0.00	28.91 -0.36 0.00	27.90 -0.35 0.00	28.75 -0.35 0.00	30.09 -0.36 0.00	33.79 -0.50 0.00	30.81 -0.47 0.00	28.26 -0.49 0.00	24.95 -0.46 0.00	24.17 -0.44 0.00	23.91 -0.45 0.00	23.92 -0.44 0.00	24.13 -0.45 0.00	22.14 -0.40 0.00	25.85 -0.51 0.00	27.58 -0.53 0.00	31.20 -0.57 0.00	41.77 -0.75 0.00	46.12 -0.80 0.00	50.11 -0.83 0.00	44.82 -0.73 0.00	36.82 -0.55 0.00	31.95 -0.40 0.00
HELLGATE_13_KV_LD 55870	35.07 2.46 0.00	32.34 2.24 0.00	31.39 2.11 0.00	30.29 2.04 0.00	31.24 2.14 0.00	32.74 2.28 0.00	36.99 2.69 0.00	34.01 2.73 0.00	31.46 2.71 0.00	27.93 2.52 0.00	27.10 2.49 0.00	26.85 2.50 0.00	26.84 2.47 0.00	27.13 2.56 0.00	24.94 2.39 0.00	29.22 2.86 0.00	31.14 3.03 0.00	34.92 3.16 0.00	46.28 3.76 0.00	50.91 3.99 0.00	55.33 4.38 0.00	49.26 3.71 0.00	40.24 2.87 0.00	34.61 2.26 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.07 2.46 0.00	32.34 2.24 0.00	31.39 2.11 0.00	30.29 2.04 0.00	31.24 2.14 0.00	32.74 2.28 0.00	36.99 2.69 0.00	34.01 2.73 0.00	31.46 2.71 0.00	27.93 2.52 0.00	27.10 2.49 0.00	26.85 2.50 0.00	26.84 2.47 0.00	27.13 2.56 0.00	24.94 2.39 0.00	29.22 2.86 0.00	31.14 3.03 0.00	34.92 3.16 0.00	46.28 3.76 0.00	50.91 3.99 0.00	55.33 4.38 0.00	49.26 3.71 0.00	40.24 2.87 0.00	34.61 2.26 0.00
HEMPSTEAD____ 23647	35.13 2.52 0.00	32.32 2.22 0.00	31.32 2.04 0.00	30.19 1.94 0.00	31.20 2.11 0.00	32.72 2.27 0.00	37.04 2.75 0.00	33.89 2.61 0.00	31.23 2.49 0.00	27.50 2.09 0.00	26.83 2.23 0.00	26.66 2.30 0.00	26.64 2.27 0.00	26.84 2.26 0.00	24.72 2.17 0.00	29.06 2.71 0.00	31.10 2.99 0.00	34.87 3.11 0.00	46.37 3.84 0.00	50.93 4.01 0.00	55.34 4.40 0.00	49.26 3.72 0.00	40.34 2.97 0.00	34.59 2.24 0.00
HICKLING___1 23621	32.28 -0.56 -0.23	29.48 -0.73 -0.11	28.41 -0.86 0.00	27.47 -0.78 0.00	29.40 -0.79 -1.09	38.51 -0.62 -8.68	41.57 -0.79 -8.06	39.57 -0.63 -8.92	29.24 -0.63 -1.12	24.84 -0.60 -0.03	24.06 -0.55 0.00	23.71 -0.65 0.00	23.68 -0.69 0.00	23.91 -0.66 0.00	22.00 -0.55 0.00	26.75 -0.69 -1.08	28.47 -0.74 -1.10	35.16 -0.64 -4.04	50.34 -0.77 -8.59	54.83 -0.75 -8.66	58.63 -0.97 -8.67	51.49 -0.94 -6.89	42.93 -0.90 -6.45	38.13 -0.87 -6.66
HICKLING___2 23622	32.28 -0.56 -0.23	29.48 -0.73 -0.11	28.41 -0.86 0.00	27.47 -0.78 0.00	29.40 -0.79 -1.09	38.51 -0.62 -8.68	41.57 -0.79 -8.06	39.57 -0.63 -8.92	29.24 -0.63 -1.12	24.84 -0.60 -0.03	24.06 -0.55 0.00	23.71 -0.65 0.00	23.68 -0.69 0.00	23.91 -0.66 0.00	22.00 -0.55 0.00	26.75 -0.69 -1.08	28.47 -0.74 -1.10	35.16 -0.64 -4.04	50.34 -0.77 -8.59	54.83 -0.75 -8.66	58.63 -0.97 -8.67	51.49 -0.94 -6.89	42.93 -0.90 -6.45	38.13 -0.87 -6.66
HIGH FALLS___HY 23754	34.81 2.20 0.00	32.04 1.94 0.00	31.11 1.83 0.00	29.99 1.74 0.00	30.96 1.87 0.00	32.49 2.04 0.00	36.76 2.46 0.00	33.66 2.38 0.00	30.96 2.21 0.00	27.38 1.97 0.00	26.54 1.94 0.00	26.26 1.90 0.00	26.29 1.93 0.00	26.54 1.97 0.00	24.45 1.90 0.00	28.70 2.34 0.00	30.73 2.62 0.00	34.61 2.85 0.00	46.12 3.60 0.00	50.78 3.86 0.00	55.30 4.35 0.00	49.24 3.70 0.00	40.19 2.82 0.00	34.50 2.15 0.00
HIGH_RIVER___SOLAR 323847	33.76 1.15 0.00	31.15 1.06 0.00	30.29 1.02 0.00	29.23 0.98 0.00	30.14 1.04 0.00	31.56 1.10 0.00	35.50 1.20 0.00	32.02 0.74 0.00	29.04 0.29 0.00	25.51 0.11 0.00	24.67 0.06 0.00	24.45 0.09 0.00	24.47 0.10 0.00	24.70 0.12 0.00	22.69 0.15 0.00	26.64 0.28 0.00	28.49 0.38 0.00	32.38 0.61 0.00	43.70 1.18 0.00	48.55 1.63 0.00	52.98 2.04 0.00	47.37 1.82 0.00	38.79 1.42 0.00	33.52 1.17 0.00
HILLBURN___GT 23639	34.68 2.07 0.00	31.95 1.85 0.00	31.01 1.74 0.00	29.90 1.64 0.00	30.85 1.76 0.00	32.38 1.92 0.00	36.64 2.35 0.00	33.55 2.27 0.00	30.94 2.19 0.00	27.42 2.01 0.00	26.62 2.01 0.00	26.37 2.02 0.00	26.40 2.03 0.00	26.64 2.07 0.00	24.50 1.96 0.00	28.75 2.39 0.00	30.71 2.60 0.00	34.52 2.76 0.00	45.89 3.37 0.00	50.46 3.54 0.00	54.92 3.98 0.00	48.93 3.38 0.00	39.96 2.58 0.00	34.33 1.98 0.00
HILLSIDE_115KV_TB1 80332	32.15 -0.67 -0.20	29.42 -0.77 -0.10	28.42 -0.86 0.00	27.47 -0.78 0.00	29.22 -0.82 -0.94	37.27 -0.69 -7.50	40.40 -0.87 -6.97	38.30 -0.70 -7.71	29.05 -0.67 -0.97	24.80 -0.63 -0.03	24.02 -0.59 0.00	23.72 -0.63 0.00	23.71 -0.66 0.00	23.94 -0.64 0.00	22.00 -0.54 0.00	26.61 -0.68 -0.93	28.29 -0.77 -0.95	34.53 -0.74 -3.51	49.02 -0.95 -7.45	53.50 -0.94 -7.52	57.30 -1.16 -7.52	50.45 -1.08 -5.97	42.03 -0.95 -5.60	37.22 -0.91 -5.78

HISHELDN_WT_PWR 323625	29.26 -2.42 0.93	27.35 -2.31 0.44	26.99 -2.28 0.01	26.09 -2.16 0.00	22.52 -2.24 4.34	-6.31 -2.12 34.65	-0.55 -2.65 32.19	-6.47 -2.13 35.62	22.21 -2.05 4.49	23.45 -1.83 0.13	22.80 -1.81 0.00	22.48 -1.88 0.00	22.39 -1.97 0.00	22.55 -2.02 0.00	20.72 -1.83 0.00	19.77 -2.35 4.24	20.43 -2.49 5.18	10.13 -2.55 19.08	-1.52 -3.47 40.57	2.13 -3.87 40.92	5.57 -4.42 40.95	9.15 -3.86 32.54	3.66 -3.20 30.51	-1.89 -2.78 31.46
HOLTSVILLE_IC_1 23690	35.81 3.20 0.00	42.08 2.83 -9.15	31.87 2.60 0.00	30.72 2.47 0.00	31.80 2.70 0.00	33.29 2.83 0.00	37.66 3.37 0.00	34.34 3.06 0.00	31.62 2.87 0.00	27.61 2.21 0.00	27.02 2.41 0.00	26.90 2.54 0.00	26.91 2.55 0.00	27.06 2.49 0.00	24.94 2.39 0.00	29.35 2.99 0.00	31.44 3.33 0.00	35.40 3.63 0.00	47.08 4.55 0.00	51.74 4.83 0.00	56.11 5.17 0.00	49.89 4.35 0.00	40.91 3.54 0.00	35.10 2.75 0.00
HOLTSVILLE_IC_10 23699	35.97 3.35 0.00	41.09 2.95 -8.04	31.99 2.72 0.00	30.84 2.58 0.00	31.92 2.83 0.00	33.42 2.96 0.00	37.82 3.52 0.00	34.47 3.19 0.00	31.74 2.99 0.00	27.70 2.29 0.00	27.09 2.49 0.00	26.96 2.60 0.00	27.00 2.64 0.00	27.15 2.58 0.00	25.02 2.48 0.00	29.45 3.09 0.00	31.58 3.47 0.00	35.58 3.82 0.00	47.30 4.77 0.00	52.02 5.10 0.00	56.40 5.46 0.00	50.14 4.59 0.00	41.10 3.73 0.00	35.27 2.92 0.00
HOLTSVILLE_IC_2 23691	35.81 3.20 0.00	42.08 2.83 -9.15	31.87 2.60 0.00	30.72 2.47 0.00	31.80 2.70 0.00	33.29 2.83 0.00	37.66 3.37 0.00	34.34 3.06 0.00	31.62 2.87 0.00	27.61 2.21 0.00	27.02 2.41 0.00	26.90 2.54 0.00	26.91 2.55 0.00	27.06 2.49 0.00	24.94 2.39 0.00	29.35 2.99 0.00	31.44 3.33 0.00	35.40 3.63 0.00	47.08 4.55 0.00	51.74 4.83 0.00	56.11 5.17 0.00	49.89 4.35 0.00	40.91 3.54 0.00	35.10 2.75 0.00
HOLTSVILLE_IC_3 23692	35.81 3.20 0.00	42.08 2.83 -9.15	31.87 2.60 0.00	30.72 2.47 0.00	31.80 2.70 0.00	33.29 2.83 0.00	37.66 3.37 0.00	34.34 3.06 0.00	31.62 2.87 0.00	27.61 2.21 0.00	27.02 2.41 0.00	26.90 2.54 0.00	26.91 2.55 0.00	27.06 2.49 0.00	24.94 2.39 0.00	29.35 2.99 0.00	31.44 3.33 0.00	35.40 3.63 0.00	47.08 4.55 0.00	51.74 4.83 0.00	56.11 5.17 0.00	49.89 4.35 0.00	40.91 3.54 0.00	35.10 2.75 0.00
HOLTSVILLE_IC_4 23693	35.81 3.20 0.00	42.08 2.83 -9.15	31.87 2.60 0.00	30.72 2.47 0.00	31.80 2.70 0.00	33.29 2.83 0.00	37.66 3.37 0.00	34.34 3.06 0.00	31.62 2.87 0.00	27.61 2.21 0.00	27.02 2.41 0.00	26.90 2.54 0.00	26.91 2.55 0.00	27.06 2.49 0.00	24.94 2.39 0.00	29.35 2.99 0.00	31.44 3.33 0.00	35.40 3.63 0.00	47.08 4.55 0.00	51.74 4.83 0.00	56.11 5.17 0.00	49.89 4.35 0.00	40.91 3.54 0.00	35.10 2.75 0.00
HOLTSVILLE_IC_5 23694	35.81 3.20 0.00	42.08 2.83 -9.15	31.87 2.60 0.00	30.72 2.47 0.00	31.80 2.70 0.00	33.29 2.83 0.00	37.66 3.37 0.00	34.34 3.06 0.00	31.62 2.87 0.00	27.61 2.21 0.00	27.02 2.41 0.00	26.90 2.54 0.00	26.91 2.55 0.00	27.06 2.49 0.00	24.94 2.39 0.00	29.35 2.99 0.00	31.44 3.33 0.00	35.40 3.63 0.00	47.08 4.55 0.00	51.74 4.83 0.00	56.11 5.17 0.00	49.89 4.35 0.00	40.91 3.54 0.00	35.10 2.75 0.00
HOLTSVILLE_IC_6 23695	35.97 3.35 0.00	41.09 2.95 -8.04	31.99 2.72 0.00	30.84 2.58 0.00	31.92 2.83 0.00	33.42 2.96 0.00	37.82 3.52 0.00	34.47 3.19 0.00	31.74 2.99 0.00	27.70 2.29 0.00	27.09 2.49 0.00	26.96 2.60 0.00	27.00 2.64 0.00	27.15 2.58 0.00	25.02 2.48 0.00	29.45 3.09 0.00	31.58 3.47 0.00	35.58 3.82 0.00	47.30 4.77 0.00	52.02 5.10 0.00	56.40 5.46 0.00	50.14 4.59 0.00	41.10 3.73 0.00	35.27 2.92 0.00
HOLTSVILLE_IC_7 23696	35.97 3.35 0.00	41.09 2.95 -8.04	31.99 2.72 0.00	30.84 2.58 0.00	31.92 2.83 0.00	33.42 2.96 0.00	37.82 3.52 0.00	34.47 3.19 0.00	31.74 2.99 0.00	27.70 2.29 0.00	27.09 2.49 0.00	26.96 2.60 0.00	27.00 2.64 0.00	27.15 2.58 0.00	25.02 2.48 0.00	29.45 3.09 0.00	31.58 3.47 0.00	35.58 3.82 0.00	47.30 4.77 0.00	52.02 5.10 0.00	56.40 5.46 0.00	50.14 4.59 0.00	41.10 3.73 0.00	35.27 2.92 0.00
HOLTSVILLE_IC_8 23697	35.97 3.35 0.00	41.09 2.95 -8.04	31.99 2.72 0.00	30.84 2.58 0.00	31.92 2.83 0.00	33.42 2.96 0.00	37.82 3.52 0.00	34.47 3.19 0.00	31.74 2.99 0.00	27.70 2.29 0.00	27.09 2.49 0.00	26.96 2.60 0.00	27.00 2.64 0.00	27.15 2.58 0.00	25.02 2.48 0.00	29.45 3.09 0.00	31.58 3.47 0.00	35.58 3.82 0.00	47.30 4.77 0.00	52.02 5.10 0.00	56.40 5.46 0.00	50.14 4.59 0.00	41.10 3.73 0.00	35.27 2.92 0.00
HOLTSVILLE_IC_9 23698	35.97 3.35 0.00	41.09 2.95 -8.04	31.99 2.72 0.00	30.84 2.58 0.00	31.92 2.83 0.00	33.42 2.96 0.00	37.82 3.52 0.00	34.47 3.19 0.00	31.74 2.99 0.00	27.70 2.29 0.00	27.09 2.49 0.00	26.96 2.60 0.00	27.00 2.64 0.00	27.15 2.58 0.00	25.02 2.48 0.00	29.45 3.09 0.00	31.58 3.47 0.00	35.58 3.82 0.00	47.30 4.77 0.00	52.02 5.10 0.00	56.40 5.46 0.00	50.14 4.59 0.00	41.10 3.73 0.00	35.27 2.92 0.00
HOMER_HL_115KV_TB2 355744	30.09 -2.12 0.39	27.93 -1.99 0.18	27.36 -1.92 0.00	26.48 -1.77 0.00	25.45 -1.81 1.84	13.98 -1.81 14.67	18.27 -2.39 13.63	14.41 -1.79 15.08	25.24 -1.61 1.90	23.91 -1.44 0.05	23.12 -1.49 0.00	22.90 -1.46 0.00	22.85 -1.52 0.00	23.03 -1.54 0.00	21.12 -1.43 0.00	22.57 -2.03 1.75	24.88 -2.42 0.81	26.24 -2.53 3.00	32.57 -3.57 6.38	36.52 -3.96 6.43	39.90 -4.60 6.44	36.49 -3.95 5.11	29.32 -3.26 4.80	24.60 -2.80 4.95
HOWARD_WT_PWR 323690	32.47 -1.41 -1.27	28.90 -1.80 -0.60	27.07 -2.22 -0.01	26.12 -2.13 0.00	32.88 -2.14 -5.92	75.90 -1.84 -47.29	76.03 -2.19 -43.93	78.12 -1.76 -48.60	33.33 -1.54 -6.12	24.29 -1.29 -0.17	23.34 -1.27 0.00	22.85 -1.51 0.00	22.79 -1.57 0.00	23.03 -1.54 0.00	21.20 -1.35 0.00	30.63 -1.58 -5.85	31.87 -1.59 -5.34	49.96 -1.48 -19.68	82.57 -1.80 -41.84	87.24 -1.88 -42.20	90.79 -2.39 -42.23	76.76 -2.35 -33.57	66.60 -2.24 -31.48	62.69 -2.11 -32.46
HQ_GEN_CEDARS 23644	32.28 -0.33 0.00	29.87 -0.23 0.00	29.09 -0.19 0.00	28.08 -0.17 0.00	28.84 -0.25 0.00	30.23 -0.23 0.00	34.16 -0.13 0.00	31.15 -0.13 0.00	28.73 -0.02 0.00	25.31 -0.10 0.00	24.43 -0.18 0.00	24.11 -0.25 0.00	24.06 -0.31 0.00	24.24 -0.34 0.00	22.19 -0.36 0.00	25.92 -0.43 0.00	27.69 -0.42 0.00	31.30 -0.47 0.00	42.08 -0.45 0.00	46.49 -0.43 0.00	50.54 -0.40 0.00	45.36 -0.18 0.00	37.32 -0.05 0.00	32.23 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	32.28 -0.33 0.00	29.86 -0.24 0.00	29.09 -0.19 0.00	28.08 -0.17 0.00	28.84 -0.25 0.00	30.23 -0.23 0.00	34.16 -0.13 0.00	29.76 -0.13 1.40	28.73 -0.02 0.00	25.31 -0.10 0.00	24.43 -0.18 0.00	24.11 -0.25 0.00	24.06 -0.31 0.00	24.24 -0.34 0.00	22.19 -0.36 0.00	25.93 -0.43 0.00	27.69 -0.42 0.00	31.30 -0.47 0.00	42.08 -0.45 0.00	46.48 -0.44 0.00	50.54 -0.41 0.00	45.36 -0.19 0.00	37.32 -0.05 0.00	32.23 -0.12 0.00

HQ_GEN_CHPE_PROXY 323851	34.85 2.24 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.03 1.94 0.00	32.52 2.07 0.00	36.77 2.48 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.45 2.27 0.18	26.92 2.34 0.00	24.74 2.20 0.00	29.01 2.66 0.00	30.94 2.82 0.00	34.70 2.93 0.00	46.05 3.52 0.00	50.58 3.66 0.00	55.00 4.06 0.00	48.96 3.42 0.00	40.00 2.63 0.00	34.37 2.03 0.00
HQ_GEN_IMPORT 323601	32.48 -0.14 0.00	29.99 -0.10 0.00	29.19 -0.09 0.00	28.17 -0.08 0.00	28.98 -0.12 0.00	30.35 -0.11 0.00	34.21 -0.09 0.00	31.22 -0.06 0.00	28.78 0.03 0.00	25.41 0.00 0.00	24.59 -0.01 0.00	24.33 -0.02 0.00	24.13 -0.05 0.18	24.52 -0.06 0.00	22.48 -0.06 0.00	26.28 -0.08 0.00	28.03 -0.08 0.00	31.70 -0.06 0.00	42.48 -0.04 0.00	46.87 -0.05 0.00	50.79 -0.15 0.00	45.39 -0.16 0.00	37.24 -0.13 0.00	32.20 -0.15 0.00
HQ_GEN_WHEEL 23651	32.48 -0.14 0.00	29.99 -0.10 0.00	29.19 -0.09 0.00	28.17 -0.08 0.00	28.98 -0.12 0.00	30.35 -0.11 0.00	34.21 -0.09 0.00	31.22 -0.06 0.00	28.78 0.03 0.00	25.41 0.00 0.00	24.59 -0.01 0.00	24.33 -0.02 0.00	24.13 -0.05 0.18	24.52 -0.06 0.00	22.48 -0.06 0.00	26.28 -0.08 0.00	28.03 -0.08 0.00	31.70 -0.06 0.00	42.48 -0.04 0.00	46.87 -0.05 0.00	50.79 -0.15 0.00	45.39 -0.16 0.00	37.24 -0.13 0.00	32.20 -0.15 0.00
HUDSON AVE_GT_3 23810	34.92 2.31 0.00	32.17 2.08 0.00	31.25 1.97 0.00	30.14 1.89 0.00	31.08 1.99 0.00	32.59 2.13 0.00	36.85 2.55 0.00	33.83 2.55 0.00	31.28 2.53 0.00	27.77 2.36 0.00	26.95 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.08 2.72 0.00	31.02 2.91 0.00	34.79 3.03 0.00	46.16 3.63 0.00	50.70 3.78 0.00	55.14 4.20 0.00	49.07 3.53 0.00	40.09 2.72 0.00	34.45 2.10 0.00
HUDSON AVE_GT_4 23540	34.92 2.31 0.00	32.17 2.08 0.00	31.25 1.97 0.00	30.14 1.89 0.00	31.08 1.99 0.00	32.59 2.13 0.00	36.85 2.55 0.00	33.83 2.55 0.00	31.28 2.53 0.00	27.77 2.36 0.00	26.95 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.08 2.72 0.00	31.02 2.91 0.00	34.79 3.03 0.00	46.16 3.63 0.00	50.70 3.78 0.00	55.14 4.20 0.00	49.07 3.53 0.00	40.09 2.72 0.00	34.45 2.10 0.00
HUDSON AVE_GT_5 23657	34.92 2.31 0.00	32.17 2.08 0.00	31.25 1.97 0.00	30.14 1.89 0.00	31.08 1.99 0.00	32.59 2.13 0.00	36.85 2.55 0.00	33.83 2.55 0.00	31.28 2.53 0.00	27.77 2.36 0.00	26.95 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.08 2.72 0.00	31.02 2.91 0.00	34.79 3.03 0.00	46.16 3.63 0.00	50.70 3.78 0.00	55.14 4.20 0.00	49.07 3.53 0.00	40.09 2.72 0.00	34.45 2.10 0.00
HUDSON_AVE_10 24168	34.78 2.18 0.00	32.05 1.95 0.00	31.14 1.87 0.00	30.02 1.77 0.00	30.96 1.87 0.00	32.46 2.01 0.00	36.69 2.40 0.00	33.70 2.42 0.00	31.15 2.40 0.00	27.65 2.25 0.00	26.81 2.20 0.00	26.57 2.21 0.00	26.56 2.20 0.00	26.85 2.28 0.00	24.68 2.13 0.00	28.93 2.58 0.00	30.85 2.74 0.00	34.59 2.84 0.01	45.91 3.40 0.01	50.43 3.52 0.02	54.84 3.91 0.01	48.83 3.29 0.01	39.89 2.52 0.00	34.28 1.93 0.00
HUDSON___115KV_TB 4 355613	33.84 1.23 0.00	31.22 1.13 0.00	30.37 1.09 0.00	29.29 1.04 0.00	30.17 1.08 0.00	31.59 1.14 0.00	35.62 1.32 0.00	32.30 1.02 0.00	29.38 0.63 0.00	26.02 0.61 0.00	25.20 0.59 0.00	24.98 0.62 0.00	25.01 0.64 0.00	25.24 0.66 0.00	23.22 0.67 0.00	27.28 0.93 0.00	29.09 0.98 0.00	32.94 1.18 0.00	44.18 1.66 0.00	48.76 1.85 0.00	53.21 2.27 0.00	47.64 2.09 0.00	39.02 1.65 0.00	33.86 1.51 0.00
HUNTER MOUNT___DRP 323613	33.94 1.33 0.00	31.31 1.21 0.00	30.45 1.17 0.00	29.36 1.11 0.00	30.25 1.16 0.00	31.68 1.23 0.00	35.73 1.44 0.00	32.44 1.16 0.00	29.50 0.75 0.00	26.08 0.67 0.00	25.23 0.62 0.00	25.01 0.65 0.00	25.04 0.68 0.00	25.28 0.71 0.00	23.26 0.72 0.00	27.35 0.99 0.00	29.18 1.06 0.00	33.06 1.29 0.00	44.35 1.82 0.00	48.94 2.02 0.00	53.42 2.47 0.00	47.82 2.27 0.00	39.16 1.79 0.00	33.97 1.62 0.00
HUNTINGTON_RES_REC 323705	35.57 2.96 0.00	33.20 2.58 -0.52	31.65 2.38 0.00	30.52 2.26 0.00	31.57 2.48 0.00	33.07 2.62 0.00	37.44 3.14 0.00	34.15 2.87 0.00	31.44 2.69 0.00	27.44 2.03 0.00	26.87 2.27 0.00	26.77 2.41 0.00	26.78 2.42 0.00	26.90 2.32 0.00	24.78 2.24 0.00	29.16 2.81 0.00	31.28 3.16 0.00	35.21 3.45 0.00	46.82 4.29 0.00	51.43 4.51 0.00	55.74 4.79 0.00	49.57 4.03 0.00	40.65 3.27 0.00	34.84 2.50 0.00
HUNTLEY___63 23557	29.69 -2.54 0.39	27.70 -2.22 0.18	27.26 -2.01 0.00	26.40 -1.86 0.00	25.36 -1.92 1.81	14.14 -1.81 14.50	18.41 -2.41 13.47	14.55 -1.82 14.91	25.13 -1.74 1.88	23.70 -1.66 0.05	22.99 -1.62 0.00	22.56 -1.80 0.00	22.44 -1.93 0.00	22.57 -2.00 0.00	20.63 -1.91 0.00	22.06 -2.57 1.73	23.54 -2.70 1.88	22.09 -2.77 6.91	23.91 -3.93 14.69	27.64 -4.46 14.81	31.12 -5.00 14.82	29.55 -4.21 11.78	23.04 -3.29 11.04	18.23 -2.73 11.39
HUNTLEY___64 23558	29.69 -2.54 0.39	27.70 -2.22 0.18	27.26 -2.01 0.00	26.40 -1.86 0.00	25.36 -1.92 1.81	14.14 -1.81 14.50	18.41 -2.41 13.47	14.55 -1.82 14.91	25.13 -1.74 1.88	23.70 -1.66 0.05	22.99 -1.62 0.00	22.56 -1.80 0.00	22.44 -1.93 0.00	22.57 -2.00 0.00	20.63 -1.91 0.00	22.06 -2.57 1.73	23.54 -2.70 1.88	22.09 -2.77 6.91	23.91 -3.93 14.69	27.64 -4.46 14.81	31.12 -5.00 14.82	29.55 -4.21 11.78	23.04 -3.29 11.04	18.23 -2.73 11.39
HUNTLEY___65 23559	29.69 -2.54 0.39	27.70 -2.22 0.18	27.26 -2.01 0.00	26.40 -1.86 0.00	25.36 -1.92 1.81	14.14 -1.81 14.50	18.41 -2.41 13.47	14.55 -1.82 14.91	25.13 -1.74 1.88	23.70 -1.66 0.05	22.99 -1.62 0.00	22.56 -1.80 0.00	22.44 -1.93 0.00	22.57 -2.00 0.00	20.63 -1.91 0.00	22.06 -2.57 1.73	23.54 -2.70 1.88	22.09 -2.77 6.91	23.91 -3.93 14.69	27.64 -4.46 14.81	31.12 -5.00 14.82	29.55 -4.21 11.78	23.04 -3.29 11.04	18.23 -2.73 11.39
HUNTLEY___66 23560	29.69 -2.54 0.39	27.70 -2.22 0.18	27.26 -2.01 0.00	26.40 -1.86 0.00	25.36 -1.92 1.81	14.14 -1.81 14.50	18.41 -2.41 13.47	14.55 -1.82 14.91	25.13 -1.74 1.88	23.70 -1.66 0.05	22.99 -1.62 0.00	22.56 -1.80 0.00	22.44 -1.93 0.00	22.57 -2.00 0.00	20.63 -1.91 0.00	22.06 -2.57 1.73	23.54 -2.70 1.88	22.09 -2.77 6.91	23.91 -3.93 14.69	27.64 -4.46 14.81	31.12 -5.00 14.82	29.55 -4.21 11.78	23.04 -3.29 11.04	18.23 -2.73 11.39
HUNTLEY___67 23561	29.30 -2.90 0.41	27.35 -2.55 0.19	26.94 -2.33 0.00	26.08 -2.17 0.00	24.91 -2.27 1.92	12.89 -2.23 15.33	17.17 -2.88 14.24	13.26 -2.27 15.76	24.70 -2.06 1.99	23.43 -1.93 0.06	22.66 -1.95 0.00	22.33 -2.03 0.00	22.21 -2.16 0.00	22.32 -2.25 0.00	20.45 -2.10 0.00	21.78 -2.74 1.85	23.18 -2.90 2.04	21.18 -3.08 7.50	22.25 -4.33 15.95	25.93 -4.90 16.09	29.33 -5.51 16.10	28.06 -4.70 12.79	21.65 -3.72 12.00	16.89 -3.09 12.37

HUNTLEY___68 23562	29.30 -2.90 0.41	27.35 -2.55 0.19	26.94 -2.33 0.00	26.08 -2.17 0.00	24.91 -2.27 1.92	12.89 -2.23 15.33	17.17 -2.88 14.24	13.26 -2.27 15.76	24.70 -2.06 1.99	23.43 -1.93 0.06	22.66 -1.95 0.00	22.33 -2.03 0.00	22.21 -2.16 0.00	22.32 -2.25 0.00	20.45 -2.10 0.00	21.78 -2.74 1.85	23.18 -2.90 2.04	21.18 -3.08 7.50	22.25 -4.33 15.95	25.93 -4.90 16.09	29.33 -5.51 16.10	28.06 -4.70 12.79	21.65 -3.72 12.00	16.89 -3.09 12.37
HYLAND___LFGE 323620	33.77 0.02 -1.14	30.46 -0.17 -0.54	28.97 -0.32 -0.01	27.97 -0.29 0.00	34.19 -0.24 -5.34	73.11 0.05 -42.60	73.74 -0.14 -39.58	74.95 -0.12 -43.80	33.56 -0.70 -5.52	24.78 -0.78 -0.15	23.83 -0.78 0.00	23.39 -0.97 0.00	23.33 -1.03 0.00	23.57 -1.01 0.00	21.68 -0.87 0.00	30.56 -1.08 -5.28	33.06 -1.02 -5.97	52.90 -0.86 -21.99	88.67 -0.62 -46.77	93.80 -0.29 -47.17	98.25 0.10 -47.20	83.21 0.15 -37.51	72.49 -0.06 -35.18	68.48 -0.15 -36.28
INDECK___CORINTH 23802	34.63 2.02 0.00	31.94 1.84 0.00	31.10 1.82 0.00	30.01 1.76 0.00	30.95 1.86 0.00	32.40 1.95 0.00	36.60 2.31 0.00	33.16 1.88 0.00	29.96 1.21 0.00	26.41 1.01 0.00	25.42 0.81 0.00	25.19 0.84 0.00	25.18 0.82 0.00	25.39 0.81 0.00	23.41 0.86 0.00	27.53 1.17 0.00	29.58 1.46 0.00	33.52 1.75 0.00	45.22 2.70 0.00	50.11 3.19 0.00	54.41 3.46 0.00	48.77 3.22 0.00	39.91 2.54 0.00	34.53 2.18 0.00
INDECK___ILION 23567	34.45 1.84 0.00	31.83 1.73 0.00	31.00 1.72 0.00	29.90 1.65 0.00	30.82 1.73 0.00	32.30 1.85 0.00	36.25 1.95 0.00	32.50 1.22 0.00	29.08 0.33 0.00	25.59 0.18 0.00	24.84 0.24 0.00	24.64 0.28 0.00	24.70 0.34 0.00	24.98 0.41 0.00	23.04 0.50 0.00	27.19 0.84 0.00	28.99 0.88 0.00	32.97 1.21 0.00	44.65 2.13 0.00	49.82 2.90 0.00	54.51 3.57 0.00	48.94 3.40 0.00	40.04 2.66 0.00	34.51 2.16 0.00
INDECK___OLEAN 23982	30.08 -2.13 0.39	27.93 -1.98 0.18	27.35 -1.92 0.00	26.48 -1.77 0.00	25.47 -1.79 1.84	14.01 -1.78 14.67	18.30 -2.36 13.63	14.50 -1.70 15.08	25.24 -1.61 1.90	23.91 -1.44 0.05	23.12 -1.49 0.00	22.90 -1.46 0.00	22.85 -1.51 0.00	23.04 -1.53 0.00	21.13 -1.42 0.00	22.58 -2.03 1.75	24.89 -2.41 0.81	26.26 -2.50 3.00	32.64 -3.50 6.38	36.59 -3.89 6.43	39.94 -4.56 6.44	36.53 -3.91 5.11	29.35 -3.22 4.80	24.64 -2.77 4.95
INDECK___OSWEGO 23783	31.88 -0.73 0.00	29.41 -0.68 0.00	28.59 -0.69 0.00	27.58 -0.67 0.00	28.42 -0.68 0.00	29.74 -0.71 0.00	33.37 -0.92 0.00	30.42 -0.87 0.00	27.89 -0.86 0.00	24.64 -0.77 0.00	23.86 -0.75 0.00	23.61 -0.75 0.00	23.62 -0.75 0.00	23.82 -0.76 0.00	21.83 -0.71 0.00	25.50 -0.86 0.00	27.20 -0.91 0.00	30.75 -1.01 0.00	41.16 -1.37 0.00	45.47 -1.45 0.00	49.47 -1.47 0.00	44.27 -1.27 0.00	36.41 -0.96 0.00	31.61 -0.74 0.00
INDECK___YERKES 23781	29.72 -2.50 0.39	27.73 -2.19 0.18	27.28 -1.99 0.00	26.42 -1.83 0.00	25.40 -1.88 1.81	14.23 -1.72 14.50	18.50 -2.32 13.47	14.71 -1.67 14.91	25.17 -1.70 1.88	23.72 -1.63 0.05	23.01 -1.60 0.00	22.58 -1.78 0.00	22.47 -1.90 0.00	22.61 -1.97 0.00	20.67 -1.87 0.00	22.09 -2.54 1.73	23.58 -2.66 1.88	22.16 -2.70 6.91	24.06 -3.78 14.69	27.81 -4.29 14.81	31.25 -4.87 14.82	29.68 -4.09 11.78	23.14 -3.19 11.04	18.32 -2.64 11.39
INDIAN POINT_GT_1 24139	34.66 2.05 0.00	31.94 1.84 0.00	31.01 1.73 0.00	29.90 1.64 0.00	30.84 1.75 0.00	32.36 1.90 0.00	36.60 2.30 0.00	33.53 2.25 0.00	30.90 2.15 0.00	27.38 1.98 0.00	26.58 1.97 0.00	26.34 1.98 0.00	26.35 1.99 0.00	26.60 2.03 0.00	24.46 1.92 0.00	28.71 2.35 0.00	30.64 2.53 0.00	34.44 2.67 0.00	45.79 3.27 0.00	50.34 3.42 0.00	54.77 3.83 0.00	48.79 3.24 0.00	39.86 2.48 0.00	34.26 1.91 0.00
INDIAN POINT_GT_2 23659	34.66 2.05 0.00	31.94 1.84 0.00	31.01 1.73 0.00	29.90 1.64 0.00	30.84 1.75 0.00	32.36 1.90 0.00	36.60 2.30 0.00	33.53 2.25 0.00	30.90 2.15 0.00	27.38 1.98 0.00	26.58 1.97 0.00	26.34 1.98 0.00	26.35 1.99 0.00	26.60 2.03 0.00	24.46 1.92 0.00	28.71 2.35 0.00	30.64 2.53 0.00	34.44 2.67 0.00	45.79 3.27 0.00	50.34 3.42 0.00	54.77 3.83 0.00	48.79 3.24 0.00	39.86 2.48 0.00	34.26 1.91 0.00
INDIAN POINT_GT_3 24019	34.66 2.05 0.00	31.94 1.84 0.00	31.01 1.73 0.00	29.90 1.64 0.00	30.84 1.75 0.00	32.36 1.90 0.00	36.60 2.30 0.00	33.53 2.25 0.00	30.90 2.15 0.00	27.38 1.98 0.00	26.58 1.97 0.00	26.34 1.98 0.00	26.35 1.99 0.00	26.60 2.03 0.00	24.46 1.92 0.00	28.71 2.35 0.00	30.64 2.53 0.00	34.44 2.67 0.00	45.79 3.27 0.00	50.34 3.42 0.00	54.77 3.83 0.00	48.79 3.24 0.00	39.86 2.48 0.00	34.26 1.91 0.00
INDIAN POINT___2 23530	34.64 2.03 0.00	31.92 1.82 0.00	30.99 1.71 0.00	29.88 1.63 0.00	30.83 1.73 0.00	32.34 1.88 0.00	36.58 2.29 0.00	33.50 2.22 0.00	30.89 2.14 0.00	27.37 1.97 0.00	26.57 1.97 0.00	26.33 1.98 0.00	26.35 1.98 0.00	26.60 2.02 0.00	24.46 1.91 0.00	28.69 2.34 0.00	30.64 2.53 0.00	34.43 2.67 0.00	45.78 3.25 0.00	50.31 3.39 0.00	54.76 3.82 0.00	48.79 3.24 0.00	39.85 2.48 0.00	34.26 1.91 0.00
INDIAN POINT___3 23531	34.63 2.03 0.00	31.91 1.82 0.00	30.99 1.71 0.00	29.87 1.62 0.00	30.83 1.73 0.00	32.34 1.88 0.00	36.57 2.27 0.00	33.51 2.23 0.00	30.87 2.13 0.00	27.36 1.95 0.00	26.56 1.95 0.00	26.33 1.97 0.00	26.33 1.97 0.00	26.58 2.01 0.00	24.44 1.90 0.00	28.68 2.32 0.00	30.62 2.51 0.00	34.42 2.66 0.00	45.76 3.23 0.00	50.30 3.38 0.00	54.73 3.79 0.00	48.77 3.22 0.00	39.84 2.47 0.00	34.26 1.91 0.00
INDIANHDD_69_KV_BK1 55831	35.71 3.10 0.00	41.14 2.76 -8.29	31.77 2.49 0.00	30.62 2.37 0.00	31.70 2.60 0.00	33.21 2.75 0.00	37.58 3.29 0.00	34.29 3.00 0.00	31.55 2.80 0.00	27.51 2.10 0.00	26.95 2.34 0.00	26.83 2.48 0.00	26.87 2.50 0.00	26.98 2.40 0.00	24.87 2.32 0.00	29.26 2.90 0.00	31.39 3.28 0.00	35.36 3.60 0.00	47.03 4.51 0.00	51.67 4.75 0.00	56.00 5.06 0.00	49.81 4.27 0.00	40.83 3.46 0.00	35.01 2.66 0.00
INGHAM_C_115KV_TB7 356103	34.45 1.84 0.00	31.83 1.73 0.00	31.00 1.72 0.00	29.90 1.65 0.00	30.82 1.73 0.00	32.30 1.85 0.00	36.25 1.95 0.00	32.50 1.22 0.00	29.08 0.33 0.00	25.59 0.18 0.00	24.84 0.24 0.00	24.64 0.28 0.00	24.70 0.34 0.00	24.98 0.41 0.00	23.04 0.50 0.00	27.19 0.84 0.00	28.99 0.88 0.00	32.97 1.21 0.00	44.65 2.13 0.00	49.82 2.90 0.00	54.51 3.57 0.00	48.94 3.40 0.00	40.04 2.66 0.00	34.51 2.16 0.00
IP CORINTH___1 23988	34.63 2.02 0.00	31.94 1.84 0.00	31.10 1.82 0.00	30.01 1.76 0.00	30.95 1.86 0.00	32.40 1.95 0.00	36.60 2.31 0.00	33.17 1.88 0.00	29.96 1.21 0.00	26.41 1.01 0.00	25.42 0.81 0.00	25.20 0.84 0.00	25.18 0.82 0.00	25.39 0.81 0.00	23.41 0.86 0.00	27.53 1.17 0.00	29.58 1.46 0.00	33.52 1.75 0.00	45.22 2.70 0.00	50.11 3.19 0.00	54.40 3.46 0.00	48.77 3.22 0.00	39.91 2.54 0.00	34.53 2.18 0.00

IP___TICONDEROGA 23804	35.84 3.23 0.00	33.01 2.92 0.00	32.28 3.00 0.00	31.19 2.94 0.00	32.20 3.10 0.00	33.62 3.16 0.00	38.00 3.70 0.00	34.26 2.98 0.00	30.36 1.62 0.00	26.70 1.29 0.00	25.87 1.26 0.00	25.62 1.26 0.00	25.64 1.28 0.00	25.95 1.37 0.00	24.08 1.53 0.00	28.44 2.08 0.00	30.48 2.37 0.00	34.51 2.75 0.00	46.59 4.07 0.00	51.92 5.00 0.00	56.19 5.25 0.00	50.45 4.90 0.00	41.35 3.98 0.00	35.83 3.49 0.00
ISLIP_RES_REC 323679	36.07 3.46 0.00	40.55 3.06 -7.39	32.08 2.81 0.00	30.92 2.67 0.00	32.02 2.92 0.00	33.52 3.06 0.00	37.93 3.64 0.00	34.57 3.29 0.00	31.83 3.09 0.00	27.77 2.36 0.00	27.17 2.56 0.00	27.01 2.65 0.00	27.07 2.71 0.00	27.22 2.64 0.00	25.08 2.54 0.00	29.53 3.17 0.00	31.68 3.56 0.00	35.71 3.95 0.00	47.46 4.94 0.00	52.21 5.29 0.00	56.62 5.68 0.00	50.32 4.77 0.00	41.24 3.87 0.00	35.37 3.02 0.00
JAMAICA__27_KV_LOAD 355505	34.96 2.35 0.00	32.20 2.11 0.00	31.33 2.05 0.00	30.17 1.92 0.00	31.12 2.02 0.00	32.61 2.15 0.00	36.84 2.55 0.00	33.88 2.60 0.00	31.28 2.53 0.00	27.77 2.36 0.00	26.85 2.24 0.00	26.61 2.25 0.00	26.63 2.26 0.00	26.89 2.32 0.00	24.71 2.17 0.00	28.98 2.62 0.00	30.90 2.79 0.00	34.65 2.90 0.01	45.98 3.46 0.01	50.50 3.60 0.02	54.93 4.00 0.01	48.91 3.37 0.01	39.98 2.61 0.00	34.36 2.01 0.00
JANIS___SOLAR 323808	33.65 0.95 -0.09	30.89 0.75 -0.04	29.96 0.69 0.00	28.95 0.70 0.00	30.35 0.84 -0.41	34.76 0.99 -3.31	38.34 0.97 -3.08	35.27 0.58 -3.40	29.33 0.15 -0.43	25.24 -0.18 -0.01	24.34 -0.27 0.00	24.12 -0.24 0.00	24.13 -0.23 0.00	24.43 -0.15 0.00	22.46 -0.08 0.00	26.74 -0.03 -0.41	28.65 0.12 -0.42	33.71 0.40 -1.54	46.74 0.94 -3.28	51.73 1.51 -3.30	56.10 1.86 -3.30	49.79 1.61 -2.63	40.99 1.16 -2.46	35.77 0.88 -2.54
JARVIS____ 23743	32.81 0.19 0.00	30.27 0.17 0.00	29.42 0.15 0.00	28.39 0.14 0.00	29.25 0.16 0.00	30.62 0.16 0.00	34.48 0.18 0.00	31.43 0.15 0.00	28.83 0.09 0.00	25.49 0.08 0.00	24.70 0.10 0.00	24.46 0.10 0.00	24.48 0.11 0.00	24.69 0.12 0.00	22.66 0.11 0.00	26.50 0.14 0.00	28.25 0.14 0.00	31.92 0.16 0.00	42.73 0.21 0.00	47.16 0.24 0.00	51.25 0.31 0.00	45.82 0.28 0.00	37.60 0.22 0.00	32.55 0.19 0.00
JENNISON___1 23625	33.84 1.19 -0.05	31.09 0.97 -0.02	30.17 0.89 0.00	29.10 0.85 0.00	30.37 1.06 -0.21	33.41 1.25 -1.70	37.21 1.34 -1.58	34.11 1.08 -1.75	29.83 0.86 -0.22	26.02 0.61 -0.01	25.15 0.55 0.00	24.92 0.56 0.00	24.96 0.60 0.00	25.21 0.64 0.00	23.19 0.64 0.00	27.33 0.77 -0.20	29.04 0.93 0.00	32.96 1.19 0.00	44.34 1.81 0.00	49.15 2.23 0.00	53.33 2.39 0.00	47.60 2.05 0.00	38.87 1.49 0.00	33.46 1.11 0.00
JENNISON___2 23626	33.84 1.19 -0.05	31.09 0.97 -0.02	30.17 0.89 0.00	29.10 0.85 0.00	30.37 1.06 -0.21	33.41 1.25 -1.70	37.21 1.34 -1.58	34.11 1.08 -1.75	29.83 0.86 -0.22	26.02 0.61 -0.01	25.15 0.55 0.00	24.92 0.56 0.00	24.96 0.60 0.00	25.21 0.64 0.00	23.19 0.64 0.00	27.33 0.77 -0.20	29.04 0.93 0.00	32.96 1.19 0.00	44.34 1.81 0.00	49.15 2.23 0.00	53.33 2.39 0.00	47.60 2.05 0.00	38.87 1.49 0.00	33.46 1.11 0.00
JERICHO_RISE_WT_PWR 323719	32.25 -0.37 0.00	29.82 -0.28 0.00	29.05 -0.23 0.00	28.02 -0.23 0.00	28.80 -0.30 0.00	30.17 -0.29 0.00	34.08 -0.21 0.00	31.15 -0.13 0.00	28.68 -0.07 0.00	25.29 -0.12 0.00	24.42 -0.18 0.00	24.12 -0.24 0.00	24.08 -0.29 0.00	24.27 -0.30 0.00	22.23 -0.32 0.00	25.97 -0.39 0.00	27.73 -0.38 0.00	31.40 -0.37 0.00	42.20 -0.33 0.00	46.57 -0.34 0.00	50.67 -0.27 0.00	45.38 -0.16 0.00	37.27 -0.10 0.00	32.18 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	34.72 2.11 0.00	31.99 1.89 0.00	31.07 1.79 0.00	29.95 1.70 0.00	30.90 1.81 0.00	32.41 1.95 0.00	36.65 2.35 0.00	33.57 2.29 0.00	30.93 2.18 0.00	27.40 2.00 0.00	26.60 1.99 0.00	26.37 2.01 0.00	26.39 2.02 0.00	26.69 2.11 0.00	24.51 1.97 0.00	28.74 2.38 0.00	30.69 2.58 0.00	34.49 2.73 0.00	45.88 3.36 0.00	50.44 3.52 0.00	54.87 3.93 0.00	48.89 3.35 0.00	39.94 2.56 0.00	34.34 1.99 0.00
KCE_NY_1 323755	34.29 1.68 0.00	31.63 1.52 0.00	30.78 1.50 0.00	29.70 1.45 0.00	30.63 1.53 0.00	32.04 1.59 0.00	36.16 1.87 0.00	32.81 1.53 0.00	29.79 1.04 0.00	26.32 0.91 0.00	25.44 0.83 0.00	25.22 0.86 0.00	25.23 0.87 0.00	25.47 0.89 0.00	23.45 0.90 0.00	27.55 1.19 0.00	29.43 1.32 0.00	33.31 1.55 0.00	44.74 2.22 0.00	49.52 2.60 0.00	53.89 2.95 0.00	48.20 2.66 0.00	39.44 2.07 0.00	34.12 1.77 0.00
KCE_NY_6_ESR 323823	29.70 -2.44 0.47	27.68 -2.20 0.22	27.22 -2.05 0.00	26.34 -1.91 0.00	24.93 -1.99 2.18	11.17 -1.89 17.40	15.64 -2.49 16.16	11.58 -1.82 17.88	24.76 -1.73 2.25	23.71 -1.63 0.06	22.95 -1.66 0.00	22.64 -1.72 0.00	22.51 -1.86 0.00	22.67 -1.90 0.00	20.78 -1.76 0.00	21.89 -2.35 2.12	23.31 -2.53 2.27	20.80 -2.60 8.36	21.10 -3.64 17.78	24.87 -4.11 17.94	28.25 -4.74 17.95	27.24 -4.04 14.26	20.78 -3.21 13.38	15.82 -2.74 13.79
KEDC_PORT_JEFF_GT2 24210	35.90 3.29 0.00	41.51 2.91 -8.50	31.94 2.66 0.00	30.78 2.53 0.00	31.87 2.78 0.00	33.36 2.91 0.00	37.75 3.46 0.00	34.41 3.13 0.00	31.68 2.93 0.00	27.53 2.13 0.00	27.05 2.44 0.00	26.94 2.58 0.00	26.98 2.61 0.00	27.12 2.54 0.00	24.99 2.45 0.00	29.42 3.06 0.00	31.55 3.44 0.00	35.53 3.77 0.00	47.25 4.72 0.00	51.93 5.01 0.00	56.31 5.37 0.00	50.06 4.51 0.00	41.04 3.67 0.00	35.21 2.87 0.00
KEDC_PORT_JEFF_GT3 24211	35.90 3.29 0.00	41.51 2.91 -8.50	31.94 2.66 0.00	30.78 2.53 0.00	31.87 2.78 0.00	33.36 2.91 0.00	37.75 3.46 0.00	34.41 3.13 0.00	31.68 2.93 0.00	27.53 2.13 0.00	27.05 2.44 0.00	26.94 2.58 0.00	26.98 2.61 0.00	27.12 2.54 0.00	24.99 2.45 0.00	29.42 3.06 0.00	31.55 3.44 0.00	35.53 3.77 0.00	47.25 4.72 0.00	51.93 5.01 0.00	56.31 5.37 0.00	50.06 4.51 0.00	41.04 3.67 0.00	35.21 2.87 0.00
KEDC_GLWD_GT4 24219	35.12 2.51 0.00	32.33 2.23 0.00	31.36 2.08 0.00	30.22 1.97 0.00	31.22 2.12 0.00	32.73 2.28 0.00	37.04 2.75 0.00	33.91 2.63 0.00	31.28 2.54 0.00	27.61 2.20 0.00	26.91 2.30 0.00	26.71 2.36 0.00	26.70 2.34 0.00	26.92 2.35 0.00	24.78 2.24 0.00	29.11 2.75 0.00	31.11 3.00 0.00	34.74 2.97 0.00	46.16 3.63 0.00	50.70 3.78 0.00	55.11 4.17 0.00	49.08 3.53 0.00	40.34 2.96 0.00	34.62 2.27 0.00
KEDC_GLWD_GT5 24220	35.12 2.51 0.00	32.33 2.23 0.00	31.36 2.08 0.00	30.22 1.97 0.00	31.22 2.12 0.00	32.73 2.28 0.00	37.04 2.75 0.00	33.91 2.63 0.00	31.28 2.54 0.00	27.61 2.20 0.00	26.91 2.30 0.00	26.71 2.36 0.00	26.70 2.34 0.00	26.92 2.35 0.00	24.78 2.24 0.00	29.11 2.75 0.00	31.11 3.00 0.00	34.74 2.97 0.00	46.16 3.63 0.00	50.70 3.78 0.00	55.11 4.17 0.00	49.08 3.53 0.00	40.34 2.96 0.00	34.62 2.27 0.00

KENSICO____ 23655	34.73 2.12 0.00	32.01 1.91 0.00	31.08 1.80 0.00	29.96 1.71 0.00	30.92 1.82 0.00	32.43 1.97 0.00	36.68 2.38 0.00	33.61 2.33 0.00	30.99 2.24 0.00	27.46 2.05 0.00	26.67 2.06 0.00	26.42 2.07 0.00	26.43 2.07 0.00	26.69 2.11 0.00	24.54 2.00 0.00	28.79 2.43 0.00	30.73 2.62 0.00	34.53 2.76 0.00	45.90 3.37 0.00	50.44 3.52 0.00	54.88 3.94 0.00	48.89 3.34 0.00	39.94 2.56 0.00	34.33 1.98 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.80 2.19 0.00	32.04 1.94 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.97 1.87 0.00	32.50 2.04 0.00	36.74 2.45 0.00	33.62 2.34 0.00	30.90 2.16 0.00	27.32 1.91 0.00	26.51 1.90 0.00	26.23 1.87 0.00	26.25 1.89 0.00	26.50 1.92 0.00	24.40 1.86 0.00	28.66 2.30 0.00	30.69 2.58 0.00	34.58 2.82 0.00	46.10 3.57 0.00	50.77 3.84 0.00	55.27 4.33 0.00	49.25 3.70 0.00	40.20 2.83 0.00	34.53 2.18 0.00
KIAC_JFK_GT1 23816	34.78 2.17 0.00	32.05 1.95 0.00	31.17 1.89 0.00	30.03 1.78 0.00	30.97 1.88 0.00	32.45 1.99 0.00	36.65 2.36 0.00	33.71 2.42 0.00	31.14 2.39 0.00	27.64 2.23 0.00	26.72 2.12 0.00	26.49 2.13 0.00	26.50 2.13 0.00	26.77 2.20 0.00	24.60 2.05 0.00	28.85 2.49 0.00	30.74 2.63 0.00	34.47 2.72 0.01	45.75 3.23 0.01	50.24 3.34 0.02	54.64 3.70 0.01	48.68 3.14 0.01	39.78 2.41 0.00	34.19 1.84 0.00
KIAC_JFK_GT2 23817	34.78 2.17 0.00	32.05 1.95 0.00	31.17 1.89 0.00	30.03 1.78 0.00	30.97 1.88 0.00	32.45 1.99 0.00	36.65 2.36 0.00	33.71 2.42 0.00	31.14 2.39 0.00	27.64 2.23 0.00	26.72 2.12 0.00	26.49 2.13 0.00	26.50 2.13 0.00	26.77 2.20 0.00	24.60 2.05 0.00	28.85 2.49 0.00	30.74 2.63 0.00	34.47 2.72 0.01	45.75 3.23 0.01	50.24 3.34 0.02	54.64 3.70 0.01	48.68 3.14 0.01	39.78 2.41 0.00	34.19 1.84 0.00
KIAC_JFK____ 323774	34.78 2.17 0.00	32.06 1.96 0.00	31.17 1.89 0.00	30.03 1.78 0.00	30.97 1.88 0.00	32.44 1.98 0.00	36.65 2.36 0.00	33.68 2.40 0.00	31.13 2.38 0.00	27.64 2.23 0.00	26.72 2.12 0.00	26.49 2.13 0.00	26.50 2.13 0.00	26.77 2.20 0.00	24.60 2.05 0.00	28.84 2.48 0.00	30.74 2.63 0.00	34.47 2.71 0.01	45.74 3.22 0.01	50.24 3.33 0.02	54.64 3.71 0.01	48.68 3.14 0.01	39.78 2.41 0.00	34.18 1.83 0.00
KINTIGH_24_KV_GSU 356498	29.85 -2.50 0.26	27.78 -2.20 0.12	27.28 -2.00 0.00	26.39 -1.86 0.00	25.98 -1.93 1.20	19.00 -1.90 9.56	22.95 -2.46 8.88	19.58 -1.88 9.82	25.72 -1.79 1.24	23.70 -1.67 0.04	22.92 -1.69 0.00	22.59 -1.77 0.00	22.49 -1.87 0.00	22.62 -1.96 0.00	20.73 -1.82 0.00	22.86 -2.37 1.12	24.39 -2.50 1.23	24.57 -2.67 4.52	29.22 -3.70 9.60	33.06 -4.18 9.68	36.55 -4.70 9.69	33.84 -4.01 7.70	26.97 -3.18 7.22	22.28 -2.62 7.45
KINTIGH____ 23543	29.82 -2.53 0.26	27.77 -2.21 0.12	27.27 -2.01 0.00	26.38 -1.87 0.00	25.95 -1.95 1.20	18.93 -1.97 9.56	22.88 -2.53 8.88	19.44 -2.02 9.82	25.70 -1.81 1.24	23.69 -1.68 0.04	22.90 -1.71 0.00	22.58 -1.78 0.00	22.48 -1.89 0.00	22.60 -1.98 0.00	20.71 -1.84 0.00	22.85 -2.39 1.12	24.35 -2.53 1.23	24.52 -2.73 4.52	29.12 -3.80 9.60	32.94 -4.29 9.68	36.46 -4.79 9.69	33.75 -4.09 7.70	26.89 -3.26 7.22	22.22 -2.68 7.45
KNTFSRNC_46_KV_46KV_LOAD 80397	32.89 0.28 0.00	30.39 0.29 0.00	29.60 0.32 0.00	28.56 0.31 0.00	29.35 0.25 0.00	30.79 0.34 0.00	34.78 0.48 0.00	31.67 0.38 0.00	29.06 0.31 0.00	25.65 0.24 0.00	24.75 0.15 0.00	24.44 0.08 0.00	24.42 0.06 0.00	24.70 0.12 0.00	22.62 0.08 0.00	26.44 0.08 0.00	28.20 0.09 0.00	32.00 0.24 0.00	43.05 0.53 0.00	47.50 0.58 0.00	51.62 0.68 0.00	46.20 0.66 0.00	38.03 0.66 0.00	32.79 0.43 0.00
LACHUTE____HYDRO 323717	35.84 3.23 0.00	33.02 2.92 0.00	32.28 3.00 0.00	31.19 2.94 0.00	32.20 3.10 0.00	33.62 3.16 0.00	38.00 3.70 0.00	34.26 2.98 0.00	30.36 1.62 0.00	26.70 1.29 0.00	25.87 1.26 0.00	25.62 1.26 0.00	25.64 1.27 0.00	25.95 1.37 0.00	24.08 1.53 0.00	28.44 2.08 0.00	30.48 2.37 0.00	34.51 2.75 0.00	46.59 4.07 0.00	51.93 5.01 0.00	56.19 5.25 0.00	50.45 4.90 0.00	41.35 3.98 0.00	35.83 3.48 0.00
LAWRNCV_115KV_TB1 80681	32.08 -0.53 0.00	29.67 -0.43 0.00	28.88 -0.39 0.00	27.88 -0.37 0.00	28.63 -0.47 0.00	30.02 -0.44 0.00	33.91 -0.39 0.00	30.82 -0.46 0.00	28.39 -0.36 0.00	25.00 -0.40 0.00	24.12 -0.49 0.00	23.81 -0.55 0.00	23.75 -0.62 0.00	23.93 -0.65 0.00	21.90 -0.64 0.00	25.59 -0.77 0.00	27.34 -0.77 0.00	30.73 -1.03 0.00	41.36 -1.17 0.00	45.79 -1.13 0.00	50.07 -0.87 0.00	45.06 -0.49 0.00	37.20 -0.17 0.00	32.09 -0.26 0.00
LEDERLE____ 23769	34.79 2.19 0.00	32.05 1.95 0.00	31.11 1.83 0.00	30.00 1.75 0.00	30.95 1.86 0.00	32.49 2.03 0.00	36.76 2.47 0.00	33.67 2.39 0.00	31.04 2.30 0.00	27.51 2.10 0.00	26.69 2.09 0.00	26.45 2.09 0.00	26.47 2.11 0.00	26.73 2.15 0.00	24.59 2.04 0.00	28.86 2.50 0.00	30.83 2.71 0.00	34.65 2.88 0.00	46.06 3.54 0.00	50.63 3.71 0.00	55.11 4.17 0.00	49.10 3.55 0.00	40.09 2.72 0.00	34.45 2.10 0.00
LIGHTHSE_115KV_TB6 355974	32.16 -0.45 0.00	29.67 -0.42 0.00	28.78 -0.49 0.00	27.73 -0.52 0.00	28.57 -0.53 0.00	29.98 -0.47 0.00	33.65 -0.64 0.00	30.56 -0.73 0.00	27.98 -0.77 0.00	24.70 -0.71 0.00	23.92 -0.69 0.00	23.67 -0.68 0.00	23.69 -0.68 0.00	23.88 -0.70 0.00	21.91 -0.64 0.00	25.56 -0.79 0.00	27.26 -0.86 0.00	30.86 -0.90 0.00	41.37 -1.15 0.00	45.82 -1.10 0.00	50.11 -0.83 0.00	44.96 -0.59 0.00	36.94 -0.43 0.00	31.98 -0.37 0.00
LINDEN COGEN____ 23786	34.76 2.15 0.00	32.03 1.93 0.00	31.10 1.83 0.00	30.00 1.75 0.00	30.94 1.84 0.00	32.44 1.98 0.00	36.69 2.40 0.00	33.66 2.37 0.00	31.14 2.39 0.00	27.65 2.24 0.00	26.82 2.22 0.00	26.58 2.23 0.00	26.56 2.20 0.00	26.86 2.28 0.00	24.68 2.14 0.00	28.94 2.58 0.00	30.87 2.76 0.00	34.63 2.87 0.00	45.96 3.44 0.00	50.50 3.58 0.00	54.90 3.95 0.00	48.87 3.33 0.00	39.91 2.54 0.00	34.26 1.91 0.00
LINDHRST_69_KV_BK1 356055	35.83 3.21 0.00	33.88 2.82 -0.96	31.88 2.60 0.00	30.72 2.46 0.00	31.76 2.67 0.00	33.32 2.86 0.00	37.72 3.43 0.00	34.50 3.22 0.00	31.73 2.98 0.00	27.81 2.40 0.00	27.16 2.55 0.00	27.01 2.65 0.00	26.97 2.61 0.00	27.12 2.55 0.00	25.01 2.46 0.00	29.43 3.07 0.00	31.60 3.48 0.00	35.51 3.75 0.00	47.29 4.77 0.00	52.00 5.08 0.00	56.45 5.50 0.00	50.25 4.70 0.00	41.11 3.74 0.00	35.21 2.86 0.00
LIPA_MISC_IPP 23656	36.04 3.42 0.00	42.08 3.01 -8.98	32.05 2.78 0.00	30.90 2.64 0.00	32.01 2.91 0.00	33.47 3.01 0.00	37.83 3.53 0.00	34.45 3.17 0.00	31.73 2.98 0.00	27.68 2.27 0.00	27.08 2.47 0.00	26.96 2.60 0.00	26.99 2.62 0.00	27.15 2.58 0.00	25.03 2.48 0.00	29.47 3.11 0.00	31.60 3.49 0.00	35.60 3.84 0.00	47.36 4.84 0.00	52.10 5.18 0.00	56.45 5.50 0.00	50.18 4.63 0.00	41.17 3.80 0.00	35.35 3.00 0.00

LISF___SOLAR 323691	36.10 3.49 0.00	41.95 3.07 -8.77	32.12 2.84 0.00	30.95 2.70 0.00	32.07 2.97 0.00	33.53 3.07 0.00	37.90 3.61 0.00	34.50 3.22 0.00	31.78 3.03 0.00	27.71 2.31 0.00	27.10 2.50 0.00	26.97 2.62 0.00	27.01 2.65 0.00	27.17 2.60 0.00	25.05 2.50 0.00	29.50 3.14 0.00	31.63 3.52 0.00	35.67 3.90 0.00	47.44 4.92 0.00	52.19 5.27 0.00	56.57 5.62 0.00	50.28 4.74 0.00	41.25 3.88 0.00	35.42 3.07 0.00
LITTLE FALLS___HYD 24013	34.45 1.84 0.00	31.83 1.73 0.00	31.00 1.72 0.00	29.90 1.65 0.00	30.82 1.73 0.00	32.30 1.85 0.00	36.25 1.95 0.00	32.50 1.22 0.00	29.08 0.33 0.00	25.59 0.18 0.00	24.84 0.24 0.00	24.64 0.28 0.00	24.70 0.34 0.00	24.98 0.41 0.00	23.04 0.50 0.00	27.19 0.84 0.00	28.99 0.88 0.00	32.97 1.21 0.00	44.65 2.13 0.00	49.82 2.90 0.00	54.51 3.57 0.00	48.94 3.40 0.00	40.04 2.66 0.00	34.51 2.16 0.00
LITTLRIV_115KV_TB1 356100	32.34 -0.28 0.00	29.92 -0.18 0.00	29.12 -0.16 0.00	28.12 -0.13 0.00	28.87 -0.23 0.00	30.30 -0.16 0.00	34.23 -0.07 0.00	30.94 -0.34 0.00	28.45 -0.30 0.00	25.04 -0.37 0.00	24.15 -0.45 0.00	23.83 -0.52 0.00	23.77 -0.59 0.00	23.95 -0.62 0.00	21.92 -0.62 0.00	25.62 -0.74 0.00	27.37 -0.74 0.00	30.79 -0.98 0.00	41.44 -1.08 0.00	45.98 -0.94 0.00	50.57 -0.37 0.00	45.55 0.00 0.00	37.58 0.21 0.00	32.40 0.05 0.00
LI_NEWBRDGE___DRP 323616	35.09 2.48 0.00	32.28 2.18 0.00	31.28 2.00 0.00	30.15 1.90 0.00	31.17 2.07 0.00	32.68 2.22 0.00	36.99 2.70 0.00	33.82 2.54 0.00	31.15 2.40 0.00	27.38 1.98 0.00	26.75 2.14 0.00	26.58 2.22 0.00	26.58 2.22 0.00	26.75 2.17 0.00	24.65 2.10 0.00	28.97 2.62 0.00	31.01 2.90 0.00	34.82 3.05 0.00	46.29 3.76 0.00	50.85 3.93 0.00	55.21 4.27 0.00	49.15 3.60 0.00	40.24 2.87 0.00	34.52 2.17 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.37 -2.91 0.33	27.40 -2.54 0.16	27.02 -2.26 0.00	26.16 -2.09 0.00	25.41 -2.15 1.54	16.13 -2.05 12.28	20.20 -2.69 11.41	16.53 -2.12 12.62	25.07 -2.08 1.59	23.36 -2.00 0.05	22.57 -2.04 0.00	22.22 -2.14 0.00	22.08 -2.29 0.00	22.18 -2.39 0.00	20.33 -2.21 0.00	22.02 -2.88 1.46	23.52 -3.00 1.60	22.80 -3.07 5.89	25.59 -4.41 12.52	29.24 -5.04 12.63	32.73 -5.57 12.64	30.89 -4.61 10.05	24.46 -3.49 9.42	19.75 -2.89 9.71
LOCKPORT___CC1 323769	29.34 -2.92 0.35	27.38 -2.56 0.16	26.98 -2.29 0.00	26.14 -2.12 0.00	25.30 -2.17 1.63	15.41 -2.04 13.01	19.51 -2.70 12.08	15.87 -2.04 13.37	24.98 -2.08 1.69	23.37 -1.99 0.05	22.58 -2.03 0.00	22.22 -2.13 0.00	22.10 -2.27 0.00	22.21 -2.36 0.00	20.36 -2.19 0.00	21.95 -2.86 1.55	23.42 -2.98 1.71	22.41 -3.05 6.31	24.80 -4.32 13.41	28.48 -4.91 13.52	31.89 -5.52 13.53	30.21 -4.58 10.76	23.78 -3.50 10.09	19.05 -2.90 10.40
LOCKPORT___CC2 323770	29.34 -2.92 0.35	27.38 -2.56 0.16	26.98 -2.29 0.00	26.14 -2.12 0.00	25.30 -2.17 1.63	15.41 -2.04 13.01	19.51 -2.70 12.08	15.87 -2.04 13.37	24.98 -2.08 1.69	23.37 -1.99 0.05	22.58 -2.03 0.00	22.22 -2.13 0.00	22.10 -2.27 0.00	22.21 -2.36 0.00	20.36 -2.19 0.00	21.95 -2.86 1.55	23.42 -2.98 1.71	22.41 -3.05 6.31	24.80 -4.32 13.41	28.48 -4.91 13.52	31.89 -5.52 13.53	30.21 -4.58 10.76	23.78 -3.50 10.09	19.05 -2.90 10.40
LOCKPORT___CC3 323771	29.34 -2.92 0.35	27.38 -2.56 0.16	26.98 -2.29 0.00	26.14 -2.12 0.00	25.30 -2.17 1.63	15.41 -2.04 13.01	19.51 -2.70 12.08	15.87 -2.04 13.37	24.98 -2.08 1.69	23.37 -1.99 0.05	22.58 -2.03 0.00	22.22 -2.13 0.00	22.10 -2.27 0.00	22.21 -2.36 0.00	20.36 -2.19 0.00	21.95 -2.86 1.55	23.42 -2.98 1.71	22.41 -3.05 6.31	24.80 -4.32 13.41	28.48 -4.91 13.52	31.89 -5.52 13.53	30.21 -4.58 10.76	23.78 -3.50 10.09	19.05 -2.90 10.40
LOCUSVLY_69_KV_BK2 55797	35.30 2.69 0.00	32.47 2.37 0.00	31.48 2.20 0.00	30.35 2.10 0.00	31.36 2.26 0.00	32.89 2.43 0.00	37.22 2.93 0.00	34.06 2.78 0.00	31.40 2.65 0.00	27.64 2.23 0.00	26.99 2.38 0.00	26.81 2.45 0.00	26.79 2.43 0.00	26.99 2.42 0.00	24.86 2.31 0.00	29.20 2.84 0.00	31.24 3.13 0.00	34.99 3.23 0.00	46.51 3.99 0.00	51.08 4.16 0.00	55.47 4.53 0.00	49.41 3.86 0.00	40.51 3.14 0.00	34.74 2.39 0.00
LONG_LAKE_PHOENIX 24014	31.81 -0.80 0.00	29.35 -0.75 0.00	28.52 -0.75 0.00	27.53 -0.73 0.00	28.37 -0.73 0.00	29.68 -0.78 0.00	33.32 -0.98 0.00	30.37 -0.91 0.00	27.85 -0.90 0.00	24.59 -0.82 0.00	23.80 -0.81 0.00	23.55 -0.81 0.00	23.56 -0.81 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.44 -0.92 0.00	27.14 -0.97 0.00	30.69 -1.08 0.00	41.11 -1.42 0.00	45.42 -1.50 0.00	49.40 -1.55 0.00	44.20 -1.35 0.00	36.33 -1.04 0.00	31.55 -0.80 0.00
LOVETT___3 23632	34.62 2.01 0.00	31.89 1.80 0.00	30.97 1.69 0.00	29.86 1.61 0.00	30.81 1.72 0.00	32.32 1.86 0.00	36.56 2.27 0.00	33.49 2.21 0.00	30.87 2.12 0.00	27.35 1.95 0.00	26.55 1.95 0.00	26.32 1.96 0.00	26.33 1.96 0.00	26.58 2.01 0.00	24.44 1.89 0.00	28.67 2.32 0.00	30.62 2.50 0.00	34.41 2.65 0.00	45.75 3.23 0.00	50.30 3.38 0.00	54.73 3.79 0.00	48.77 3.22 0.00	39.84 2.46 0.00	34.25 1.90 0.00
LOVETT___4 23642	34.62 2.01 0.00	31.89 1.80 0.00	30.97 1.69 0.00	29.86 1.61 0.00	30.81 1.72 0.00	32.32 1.86 0.00	36.56 2.27 0.00	33.49 2.21 0.00	30.87 2.12 0.00	27.35 1.95 0.00	26.55 1.95 0.00	26.32 1.96 0.00	26.33 1.96 0.00	26.58 2.01 0.00	24.44 1.89 0.00	28.67 2.32 0.00	30.62 2.50 0.00	34.41 2.65 0.00	45.75 3.23 0.00	50.30 3.38 0.00	54.73 3.79 0.00	48.77 3.22 0.00	39.84 2.46 0.00	34.25 1.90 0.00
LOVETT___5 23593	34.62 2.01 0.00	31.89 1.80 0.00	30.97 1.69 0.00	29.86 1.61 0.00	30.81 1.72 0.00	32.32 1.86 0.00	36.56 2.27 0.00	33.49 2.21 0.00	30.87 2.12 0.00	27.35 1.95 0.00	26.55 1.95 0.00	26.32 1.96 0.00	26.33 1.96 0.00	26.58 2.01 0.00	24.44 1.89 0.00	28.67 2.32 0.00	30.62 2.50 0.00	34.41 2.65 0.00	45.75 3.23 0.00	50.30 3.38 0.00	54.73 3.79 0.00	48.77 3.22 0.00	39.84 2.46 0.00	34.25 1.90 0.00
LOWER RAQUET___HYD 24057	32.01 -0.60 0.00	29.61 -0.49 0.00	28.82 -0.46 0.00	27.80 -0.45 0.00	28.56 -0.54 0.00	29.96 -0.49 0.00	33.83 -0.47 0.00	30.72 -0.57 0.00	28.28 -0.47 0.00	24.90 -0.50 0.00	24.02 -0.59 0.00	23.71 -0.65 0.00	23.65 -0.72 0.00	23.83 -0.75 0.00	21.81 -0.74 0.00	25.49 -0.87 0.00	27.23 -0.88 0.00	30.55 -1.22 0.00	41.14 -1.39 0.00	45.55 -1.37 0.00	49.91 -1.03 0.00	44.96 -0.58 0.00	37.16 -0.21 0.00	32.05 -0.30 0.00
LOWER___HUDSON 24059	33.87 1.25 0.00	31.24 1.14 0.00	30.40 1.12 0.00	29.34 1.08 0.00	30.23 1.14 0.00	31.61 1.15 0.00	35.67 1.38 0.00	32.41 1.13 0.00	29.49 0.74 0.00	26.16 0.75 0.00	25.34 0.73 0.00	25.12 0.76 0.00	25.13 0.76 0.00	25.33 0.76 0.00	23.32 0.77 0.00	27.38 1.02 0.00	29.15 1.04 0.00	32.92 1.15 0.00	44.08 1.56 0.00	48.70 1.78 0.00	53.04 2.09 0.00	47.51 1.96 0.00	38.89 1.51 0.00	33.69 1.34 0.00

LOWVILLE_115KV_TB2 356335	32.83 0.21 0.00	30.32 0.22 0.00	29.23 -0.04 0.00	28.16 -0.09 0.00	28.96 -0.14 0.00	30.54 0.08 0.00	34.39 0.10 0.00	31.00 -0.28 0.00	28.34 -0.41 0.00	24.95 -0.46 0.00	24.09 -0.52 0.00	23.84 -0.52 0.00	23.85 -0.51 0.00	24.05 -0.52 0.00	22.09 -0.46 0.00	25.84 -0.52 0.00	27.62 -0.49 0.00	31.33 -0.43 0.00	42.36 -0.17 0.00	47.19 0.27 0.00	51.96 1.02 0.00	46.59 1.05 0.00	38.28 0.91 0.00	32.90 0.55 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.26 1.65 0.00	31.60 1.50 0.00	30.75 1.47 0.00	29.67 1.42 0.00	30.60 1.50 0.00	32.02 1.56 0.00	36.13 1.84 0.00	32.78 1.50 0.00	29.76 1.01 0.00	26.30 0.89 0.00	25.42 0.81 0.00	25.21 0.85 0.00	25.21 0.85 0.00	25.44 0.87 0.00	23.43 0.88 0.00	27.51 1.15 0.00	29.39 1.28 0.00	33.27 1.50 0.00	44.70 2.17 0.00	49.44 2.52 0.00	53.80 2.86 0.00	48.15 2.60 0.00	39.40 2.03 0.00	34.09 1.74 0.00
LUTHERNY_35_KV_BK2 355980	34.29 1.68 0.00	31.63 1.53 0.00	30.78 1.50 0.00	29.70 1.45 0.00	30.63 1.53 0.00	32.05 1.59 0.00	36.16 1.87 0.00	32.82 1.54 0.00	29.79 1.05 0.00	26.32 0.91 0.00	25.44 0.83 0.00	25.23 0.86 0.00	25.23 0.87 0.00	25.47 0.89 0.00	23.45 0.90 0.00	27.55 1.19 0.00	29.44 1.32 0.00	33.31 1.55 0.00	44.75 2.22 0.00	49.52 2.60 0.00	53.89 2.96 0.00	48.20 2.66 0.00	39.45 2.08 0.00	34.12 1.77 0.00
LWR__OSWEGATCHIE_HYD 23850	32.17 -0.44 0.00	29.74 -0.36 0.00	28.81 -0.47 0.00	27.77 -0.49 0.00	28.51 -0.58 0.00	30.01 -0.45 0.00	33.83 -0.46 0.00	30.59 -0.70 0.00	28.06 -0.69 0.00	24.71 -0.69 0.00	23.85 -0.76 0.00	23.57 -0.79 0.00	23.55 -0.82 0.00	23.73 -0.84 0.00	21.75 -0.79 0.00	25.44 -0.92 0.00	27.18 -0.93 0.00	30.66 -1.11 0.00	41.34 -1.19 0.00	45.95 -0.97 0.00	50.52 -0.42 0.00	45.44 -0.11 0.00	37.47 0.10 0.00	32.25 -0.09 0.00
LYONS_FALL_HYD 23570	33.07 0.46 0.00	30.53 0.43 0.00	29.52 0.24 0.00	28.44 0.19 0.00	29.26 0.16 0.00	30.81 0.35 0.00	34.68 0.39 0.00	31.30 0.02 0.00	28.59 -0.16 0.00	25.17 -0.23 0.00	24.32 -0.29 0.00	24.06 -0.29 0.00	24.08 -0.29 0.00	24.29 -0.29 0.00	22.31 -0.24 0.00	26.10 -0.26 0.00	27.90 -0.21 0.00	31.67 -0.10 0.00	42.79 0.27 0.00	47.61 0.69 0.00	52.23 1.29 0.00	46.77 1.23 0.00	38.38 1.01 0.00	33.02 0.68 0.00
MADISON__COUNTY_LFGE 323628	33.38 0.77 0.00	30.79 0.69 0.00	29.88 0.61 0.00	28.81 0.56 0.00	29.69 0.60 0.00	31.16 0.70 0.00	35.03 0.73 0.00	31.70 0.42 0.00	28.92 0.18 0.00	25.48 0.07 0.00	24.66 0.05 0.00	24.41 0.05 0.00	24.42 0.06 0.00	24.65 0.07 0.00	22.65 0.10 0.00	26.50 0.14 0.00	28.30 0.19 0.00	32.12 0.35 0.00	43.30 0.78 0.00	48.02 1.10 0.00	52.36 1.42 0.00	46.81 1.26 0.00	38.35 0.97 0.00	33.09 0.74 0.00
MALONE__115KV_TB1 356076	32.36 -0.25 0.00	29.92 -0.18 0.00	29.15 -0.13 0.00	28.11 -0.14 0.00	28.90 -0.20 0.00	30.33 -0.13 0.00	34.48 0.18 0.00	31.63 0.35 0.00	28.90 0.15 0.00	25.43 0.02 0.00	24.54 -0.06 0.00	24.23 -0.13 0.00	24.17 -0.20 0.00	24.36 -0.21 0.00	22.31 -0.23 0.00	26.06 -0.30 0.00	27.82 -0.29 0.00	31.52 -0.24 0.00	42.42 -0.10 0.00	46.90 -0.02 0.00	50.80 -0.14 0.00	45.49 -0.06 0.00	37.45 0.08 0.00	32.32 -0.03 0.00
MAPLEWOD_115KV_TB3 80458	33.67 1.06 0.00	31.07 0.97 0.00	30.22 0.95 0.00	29.15 0.89 0.00	30.03 0.93 0.00	31.41 0.95 0.00	35.40 1.11 0.00	32.19 0.91 0.00	29.36 0.61 0.00	26.07 0.66 0.00	25.27 0.66 0.00	25.06 0.70 0.00	25.08 0.71 0.00	25.29 0.72 0.00	23.27 0.72 0.00	27.33 0.97 0.00	29.08 0.97 0.00	32.81 1.05 0.00	43.89 1.37 0.00	48.39 1.47 0.00	52.70 1.76 0.00	47.21 1.66 0.00	38.70 1.32 0.00	33.58 1.23 0.00
MAPLE_RIDGE_WT_1 323574	32.37 -0.24 0.00	29.85 -0.25 0.00	29.02 -0.26 0.00	28.04 -0.21 0.00	28.86 -0.24 0.00	30.23 -0.23 0.00	34.06 -0.23 0.00	31.15 -0.13 0.00	28.69 -0.06 0.00	25.36 -0.05 0.00	24.55 -0.06 0.00	24.29 -0.07 0.00	24.29 -0.07 0.00	24.49 -0.08 0.00	22.46 -0.09 0.00	26.26 -0.10 0.00	28.01 -0.11 0.00	31.67 -0.10 0.00	42.43 -0.10 0.00	46.81 -0.11 0.00	50.84 -0.10 0.00	45.49 -0.06 0.00	37.31 -0.06 0.00	32.16 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	32.37 -0.24 0.00	29.85 -0.25 0.00	29.02 -0.26 0.00	28.04 -0.21 0.00	28.86 -0.24 0.00	30.23 -0.23 0.00	34.06 -0.23 0.00	31.15 -0.13 0.00	28.69 -0.06 0.00	25.36 -0.05 0.00	24.55 -0.06 0.00	24.29 -0.07 0.00	24.29 -0.07 0.00	24.49 -0.08 0.00	22.46 -0.09 0.00	26.26 -0.10 0.00	28.01 -0.11 0.00	31.67 -0.10 0.00	42.43 -0.10 0.00	46.81 -0.11 0.00	50.84 -0.10 0.00	45.49 -0.06 0.00	37.31 -0.06 0.00	32.16 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	32.25 -0.37 0.00	29.82 -0.28 0.00	29.05 -0.23 0.00	28.03 -0.23 0.00	28.81 -0.28 0.00	30.18 -0.27 0.00	34.12 -0.17 0.00	31.18 -0.10 0.00	28.71 -0.04 0.00	25.32 -0.09 0.00	24.45 -0.16 0.00	24.15 -0.21 0.00	24.11 -0.26 0.00	24.31 -0.26 0.00	22.27 -0.27 0.00	26.02 -0.34 0.00	27.77 -0.34 0.00	31.46 -0.31 0.00	42.28 -0.25 0.00	46.63 -0.28 0.00	50.65 -0.28 0.00	45.38 -0.17 0.00	37.27 -0.10 0.00	32.18 -0.17 0.00
MARSHVLE_115KV_TB1 80742	33.74 1.13 0.00	31.18 1.08 0.00	30.32 1.05 0.00	29.27 1.02 0.00	30.20 1.10 0.00	31.66 1.21 0.00	35.48 1.19 0.00	31.86 0.57 0.00	29.09 0.34 0.00	25.58 0.17 0.00	24.71 0.10 0.00	24.46 0.10 0.00	24.45 0.09 0.00	24.66 0.08 0.00	22.64 0.10 0.00	26.45 0.09 0.00	28.25 0.13 0.00	32.15 0.39 0.00	43.56 1.03 0.00	48.52 1.61 0.00	52.96 2.02 0.00	47.32 1.77 0.00	38.81 1.44 0.00	33.44 1.09 0.00
MARSH_HILL_WT_PWR 323713	32.51 -1.49 -1.39	28.88 -1.87 -0.65	27.01 -2.28 -0.02	26.05 -2.20 0.00	33.33 -2.23 -6.46	80.11 -1.94 -51.59	79.94 -2.28 -47.93	82.47 -1.85 -53.03	33.80 -1.63 -6.68	24.23 -1.36 -0.19	23.27 -1.33 0.00	22.79 -1.57 0.00	22.74 -1.63 0.00	22.97 -1.60 0.00	21.14 -1.41 0.00	31.12 -1.62 -6.38	32.29 -1.63 -5.81	51.62 -1.53 -21.39	86.15 -1.86 -45.48	90.86 -1.93 -45.87	94.38 -2.46 -45.90	79.61 -2.42 -36.48	69.27 -2.32 -34.21	65.48 -2.14 -35.28
MCINTYRE_115KV_TB2 80467	32.60 -0.01 0.00	30.16 0.06 0.00	29.37 0.10 0.00	28.36 0.10 0.00	29.12 0.03 0.00	30.57 0.11 0.00	34.52 0.23 0.00	31.15 -0.14 0.00	28.65 -0.10 0.00	25.21 -0.20 0.00	24.31 -0.30 0.00	23.99 -0.37 0.00	23.93 -0.44 0.00	24.10 -0.47 0.00	22.06 -0.49 0.00	25.78 -0.58 0.00	27.54 -0.57 0.00	31.07 -0.69 0.00	41.82 -0.70 0.00	46.41 -0.51 0.00	51.13 0.19 0.00	46.05 0.50 0.00	37.92 0.55 0.00	32.70 0.35 0.00
MECO____69_KV_BK1 80468	34.29 1.68 0.00	31.64 1.54 0.00	30.76 1.49 0.00	29.69 1.44 0.00	30.64 1.54 0.00	32.13 1.68 0.00	36.10 1.80 0.00	32.34 1.06 0.00	29.19 0.44 0.00	25.55 0.14 0.00	24.66 0.05 0.00	24.43 0.07 0.00	24.43 0.06 0.00	24.68 0.10 0.00	22.68 0.14 0.00	26.62 0.26 0.00	28.52 0.41 0.00	32.54 0.78 0.00	44.26 1.73 0.00	49.45 2.53 0.00	54.05 3.11 0.00	48.34 2.79 0.00	39.55 2.18 0.00	34.09 1.74 0.00

MENANDS__115KV_TB5 355628	33.50 0.89 0.00	30.93 0.83 0.00	30.09 0.81 0.00	29.02 0.77 0.00	29.89 0.79 0.00	31.26 0.80 0.00	35.22 0.93 0.00	32.03 0.75 0.00	29.22 0.47 0.00	25.98 0.57 0.00	25.20 0.59 0.00	24.99 0.63 0.00	25.01 0.65 0.00	25.22 0.64 0.00	23.20 0.65 0.00	27.26 0.90 0.00	28.99 0.88 0.00	32.69 0.92 0.00	43.69 1.17 0.00	48.14 1.22 0.00	52.42 1.48 0.00	46.95 1.40 0.00	38.50 1.13 0.00	33.45 1.10 0.00
MG INDUSTRY__DRP 24185	33.57 0.96 0.00	30.99 0.89 0.00	30.15 0.88 0.00	29.08 0.83 0.00	29.96 0.87 0.00	31.36 0.90 0.00	35.30 1.01 0.00	32.07 0.79 0.00	29.27 0.53 0.00	25.93 0.52 0.00	25.13 0.53 0.00	24.93 0.56 0.00	24.96 0.59 0.00	25.17 0.59 0.00	23.14 0.59 0.00	27.13 0.77 0.00	28.93 0.82 0.00	32.66 0.90 0.00	43.72 1.19 0.00	48.20 1.28 0.00	52.52 1.58 0.00	47.00 1.46 0.00	38.54 1.17 0.00	33.45 1.10 0.00
MID__OSWEGATCHIE_HYD 23849	32.17 -0.44 0.00	29.74 -0.36 0.00	28.81 -0.47 0.00	27.77 -0.49 0.00	28.51 -0.58 0.00	30.01 -0.45 0.00	33.83 -0.46 0.00	30.59 -0.70 0.00	28.06 -0.69 0.00	24.71 -0.69 0.00	23.85 -0.76 0.00	23.57 -0.79 0.00	23.55 -0.82 0.00	23.73 -0.84 0.00	21.75 -0.79 0.00	25.44 -0.92 0.00	27.18 -0.93 0.00	30.66 -1.11 0.00	41.34 -1.19 0.00	45.95 -0.97 0.00	50.52 -0.42 0.00	45.44 -0.11 0.00	37.47 0.10 0.00	32.25 -0.09 0.00
MID__RAQUETTE_HYD 23851	32.01 -0.60 0.00	29.61 -0.49 0.00	28.81 -0.46 0.00	27.80 -0.45 0.00	28.56 -0.54 0.00	29.96 -0.49 0.00	33.83 -0.47 0.00	30.72 -0.56 0.00	28.29 -0.46 0.00	24.90 -0.50 0.00	24.02 -0.59 0.00	23.71 -0.65 0.00	23.65 -0.71 0.00	23.83 -0.75 0.00	21.81 -0.74 0.00	25.49 -0.87 0.00	27.23 -0.88 0.00	30.55 -1.22 0.00	41.14 -1.39 0.00	45.56 -1.36 0.00	49.92 -1.03 0.00	44.97 -0.58 0.00	37.16 -0.21 0.00	32.05 -0.30 0.00
MILLIKEN__1 23584	33.04 0.33 -0.10	30.39 0.24 -0.05	29.49 0.21 0.00	28.46 0.21 0.00	29.78 0.23 -0.45	34.35 0.29 -3.61	37.92 0.28 -3.35	35.11 0.13 -3.70	29.15 -0.07 -0.47	25.21 -0.21 -0.01	24.36 -0.24 0.00	24.11 -0.25 0.00	24.10 -0.26 0.00	24.38 -0.19 0.00	22.38 -0.17 0.00	26.67 -0.14 -0.45	28.50 -0.07 -0.46	33.48 0.03 -1.69	46.26 0.14 -3.60	50.93 0.38 -3.63	55.11 0.54 -3.63	48.90 0.47 -2.89	40.44 0.36 -2.71	35.39 0.25 -2.79
MILLIKEN__2 23585	33.04 0.33 -0.10	30.39 0.24 -0.05	29.49 0.21 0.00	28.46 0.21 0.00	29.78 0.23 -0.45	34.35 0.29 -3.61	37.92 0.28 -3.35	35.11 0.13 -3.70	29.15 -0.07 -0.47	25.21 -0.21 -0.01	24.36 -0.24 0.00	24.11 -0.25 0.00	24.10 -0.26 0.00	24.38 -0.19 0.00	22.38 -0.17 0.00	26.67 -0.14 -0.45	28.50 -0.07 -0.46	33.48 0.03 -1.69	46.26 0.14 -3.60	50.93 0.38 -3.63	55.11 0.54 -3.63	48.90 0.47 -2.89	40.44 0.36 -2.71	35.39 0.25 -2.79
MILLIKEN__DIESEL 23629	33.04 0.33 -0.10	30.39 0.24 -0.05	29.49 0.21 0.00	28.46 0.21 0.00	29.78 0.23 -0.45	34.35 0.29 -3.61	37.92 0.28 -3.35	35.11 0.13 -3.70	29.15 -0.07 -0.47	25.21 -0.21 -0.01	24.36 -0.24 0.00	24.11 -0.25 0.00	24.10 -0.26 0.00	24.38 -0.19 0.00	22.38 -0.17 0.00	26.67 -0.14 -0.45	28.50 -0.07 -0.46	33.48 0.03 -1.69	46.26 0.14 -3.60	50.93 0.38 -3.63	55.11 0.54 -3.63	48.90 0.47 -2.89	40.44 0.36 -2.71	35.39 0.25 -2.79
MILLSEAT__LFGE 323607	30.20 -2.13 0.27	28.10 -1.87 0.13	27.63 -1.65 0.00	26.73 -1.52 0.00	26.28 -1.53 1.28	18.86 -1.35 10.24	22.89 -1.88 9.51	19.34 -1.42 10.53	25.79 -1.63 1.33	23.75 -1.63 0.04	22.94 -1.67 0.00	22.49 -1.87 0.00	22.36 -2.01 0.00	22.48 -2.09 0.00	20.65 -1.90 0.00	22.64 -2.51 1.21	24.20 -2.58 1.32	24.36 -2.53 4.87	28.69 -3.46 10.37	32.72 -3.74 10.46	36.40 -4.08 10.46	33.94 -3.29 8.32	27.08 -2.49 7.80	22.23 -2.08 8.04
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.68 2.07 0.00	31.95 1.85 0.00	31.03 1.75 0.00	29.91 1.66 0.00	30.87 1.77 0.00	32.38 1.92 0.00	36.61 2.32 0.00	33.55 2.26 0.00	30.91 2.16 0.00	27.39 1.98 0.00	26.59 1.99 0.00	26.35 1.99 0.00	26.37 2.00 0.00	26.61 2.04 0.00	24.48 1.93 0.00	28.72 2.36 0.00	30.67 2.55 0.00	34.46 2.69 0.00	45.80 3.28 0.00	50.34 3.43 0.00	54.78 3.84 0.00	48.80 3.26 0.00	39.87 2.50 0.00	34.29 1.94 0.00
MILLWOOD_13_KV_LOAD 356217	34.74 2.13 0.00	32.01 1.91 0.00	31.08 1.80 0.00	29.96 1.71 0.00	30.90 1.81 0.00	32.42 1.96 0.00	36.67 2.37 0.00	33.60 2.32 0.00	30.96 2.21 0.00	27.42 2.02 0.00	26.63 2.02 0.00	26.39 2.03 0.00	26.39 2.03 0.00	26.64 2.07 0.00	24.50 1.95 0.00	28.76 2.40 0.00	30.70 2.59 0.00	34.52 2.75 0.00	45.89 3.37 0.00	50.44 3.52 0.00	54.88 3.94 0.00	48.89 3.34 0.00	39.94 2.57 0.00	34.33 1.98 0.00
MODEL_CITY_ENERGY 24167	29.01 -3.25 0.35	27.09 -2.85 0.16	26.75 -2.52 0.00	25.92 -2.33 0.00	25.08 -2.38 1.63	15.18 -2.22 13.05	19.26 -2.91 12.13	15.66 -2.21 13.41	24.76 -2.30 1.69	23.13 -2.23 0.05	22.35 -2.26 0.00	22.01 -2.35 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.15 -2.40 0.00	21.71 -3.10 1.55	23.21 -3.21 1.69	22.26 -3.28 6.23	24.58 -4.70 13.24	28.14 -5.43 13.35	31.48 -6.09 13.36	29.92 -5.01 10.62	23.68 -3.74 9.96	18.99 -3.10 10.27
MODERN_LFGE__ 323580	29.01 -3.25 0.35	27.09 -2.85 0.16	26.75 -2.52 0.00	25.92 -2.33 0.00	25.08 -2.38 1.63	15.18 -2.22 13.05	19.26 -2.91 12.13	15.66 -2.21 13.41	24.76 -2.30 1.69	23.13 -2.23 0.05	22.35 -2.26 0.00	22.01 -2.35 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.15 -2.40 0.00	21.71 -3.10 1.55	23.21 -3.21 1.69	22.26 -3.28 6.23	24.58 -4.70 13.24	28.14 -5.43 13.35	31.48 -6.09 13.36	29.92 -5.01 10.62	23.68 -3.74 9.96	18.99 -3.10 10.27
MOHAWK_PAPER__DRP 24187	33.67 1.06 0.00	31.07 0.97 0.00	30.22 0.95 0.00	29.15 0.89 0.00	30.03 0.93 0.00	31.41 0.95 0.00	35.40 1.11 0.00	32.19 0.91 0.00	29.36 0.61 0.00	26.07 0.66 0.00	25.27 0.66 0.00	25.06 0.70 0.00	25.08 0.71 0.00	25.29 0.72 0.00	23.27 0.72 0.00	27.33 0.97 0.00	29.08 0.97 0.00	32.81 1.05 0.00	43.89 1.37 0.00	48.39 1.47 0.00	52.70 1.76 0.00	47.21 1.66 0.00	38.70 1.32 0.00	33.58 1.23 0.00
MOHICAN__35_KV_115KV_LD 80490	34.77 2.16 0.00	32.07 1.97 0.00	31.22 1.95 0.00	30.14 1.88 0.00	31.08 1.99 0.00	32.53 2.08 0.00	36.75 2.45 0.00	33.28 1.99 0.00	30.00 1.24 0.00	26.43 1.02 0.00	25.48 0.87 0.00	25.25 0.89 0.00	25.24 0.88 0.00	25.47 0.90 0.00	23.50 0.95 0.00	27.65 1.29 0.00	29.67 1.56 0.00	33.63 1.86 0.00	45.36 2.83 0.00	50.30 3.38 0.00	54.62 3.68 0.00	48.94 3.39 0.00	40.06 2.69 0.00	34.67 2.32 0.00
MONGAUP__HYD 23641	34.62 2.01 0.00	31.88 1.78 0.00	30.94 1.66 0.00	29.83 1.57 0.00	30.77 1.68 0.00	32.29 1.84 0.00	36.50 2.21 0.00	33.28 2.00 0.00	30.40 1.65 0.00	26.89 1.48 0.00	26.08 1.47 0.00	25.84 1.48 0.00	25.86 1.49 0.00	26.11 1.54 0.00	24.00 1.46 0.00	28.16 1.81 0.00	30.14 2.03 0.00	34.09 2.32 0.00	45.58 3.06 0.00	50.27 3.35 0.00	54.80 3.85 0.00	48.87 3.32 0.00	39.92 2.55 0.00	34.31 1.96 0.00

MONTAUK___DIESEL 23721	36.95 4.34 0.00	42.84 3.83 -8.91	32.84 3.56 0.00	31.66 3.40 0.00	32.73 3.64 0.00	33.42 2.97 0.00	37.41 3.11 0.00	33.93 2.65 0.00	31.20 2.45 0.00	27.26 1.85 0.00	26.73 2.12 0.00	26.82 2.46 0.00	26.83 2.46 0.00	27.17 2.60 0.00	25.16 2.61 0.00	29.78 3.42 0.00	31.90 3.79 0.00	36.25 4.48 0.00	48.64 6.11 0.00	53.65 6.73 0.00	58.20 7.26 0.00	51.67 6.13 0.00	42.34 4.96 0.00	36.39 4.04 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.96 -2.21 0.44	27.76 -2.13 0.21	27.22 -2.05 0.00	26.41 -1.84 0.00	24.97 -2.06 2.07	11.69 -2.26 16.51	16.25 -2.71 15.34	12.31 -2.00 16.97	25.00 -1.61 2.14	23.82 -1.53 0.06	23.13 -1.47 0.00	23.04 -1.32 0.00	22.96 -1.40 0.00	23.20 -1.37 0.00	21.18 -1.36 0.00	22.51 -1.85 1.99	24.17 -2.19 1.75	23.04 -2.29 6.44	25.39 -3.44 13.70	29.32 -3.78 13.82	32.69 -4.42 13.83	30.57 -3.99 10.99	23.52 -3.55 10.30	18.42 -3.31 10.63
MORRIS_RIDGE___SOLAR 323848	29.25 -1.84 1.52	27.46 -1.93 0.72	27.20 -2.06 0.02	26.29 -1.96 0.00	19.97 -2.02 7.10	-28.10 -1.85 56.71	-20.61 -2.22 52.69	-28.93 -1.92 58.29	19.51 -1.89 7.35	23.50 -1.70 0.21	22.96 -1.65 0.00	22.60 -1.76 0.00	22.55 -1.82 0.00	22.73 -1.83 0.00	20.92 -1.62 0.00	17.40 -1.99 6.96	17.18 -2.10 8.83	-2.83 -2.08 32.51	-29.26 -2.64 69.14	-25.64 -2.82 69.73	-22.10 -3.26 69.79	-12.86 -2.95 55.46	-17.19 -2.56 52.00	-23.57 -2.30 53.62
MORTIMER_115KV_TB3 55949	31.30 -1.26 0.05	28.97 -1.11 0.02	28.26 -1.02 0.00	27.30 -0.95 0.00	27.89 -0.98 0.23	27.68 -0.96 1.81	31.35 -1.26 1.68	28.41 -1.01 1.86	27.56 -0.95 0.23	24.51 -0.89 0.01	23.69 -0.91 0.00	23.34 -1.02 0.00	23.26 -1.11 0.00	23.44 -1.14 0.00	21.51 -1.04 0.00	25.02 -1.34 0.00	26.74 -1.37 0.00	30.35 -1.41 0.00	40.62 -1.91 0.00	44.84 -2.08 0.00	48.66 -2.28 0.00	43.59 -1.95 0.00	35.78 -1.59 0.00	31.04 -1.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.08 1.83 0.00	31.03 1.94 0.00	32.53 2.07 0.00	36.78 2.49 0.00	33.75 2.47 0.00	31.19 2.44 0.00	27.67 2.26 0.00	26.85 2.24 0.00	26.62 2.26 0.00	26.61 2.24 0.00	26.88 2.31 0.00	24.71 2.17 0.00	28.98 2.63 0.00	30.91 2.81 0.00	34.70 2.93 0.00	46.05 3.52 0.00	50.59 3.67 0.00	55.02 4.08 0.00	48.99 3.45 0.00	40.03 2.66 0.00	34.40 2.05 0.00
MUNSVILLE_WIND_PWR 323609	34.56 1.89 -0.07	31.64 1.51 -0.03	30.72 1.45 0.00	29.72 1.46 0.00	31.16 1.75 -0.31	34.95 1.99 -2.50	38.63 2.01 -2.33	35.32 1.47 -2.57	30.03 0.96 -0.32	25.82 0.40 -0.01	24.93 0.33 0.00	24.75 0.39 0.00	24.80 0.44 0.00	25.09 0.52 0.00	23.10 0.55 0.00	27.41 0.75 -0.30	29.42 0.99 -0.31	34.40 1.48 -1.15	47.54 2.56 -2.45	52.84 3.44 -2.47	57.24 3.82 -2.48	50.80 3.29 -1.97	41.57 2.36 -1.84	36.04 1.79 -1.90
N SALMON___HYD 24042	32.37 -0.25 0.00	29.92 -0.18 0.00	29.15 -0.13 0.00	28.11 -0.14 0.00	28.90 -0.20 0.00	30.33 -0.13 0.00	34.48 0.19 0.00	31.63 0.35 0.00	28.90 0.15 0.00	25.43 0.02 0.00	24.54 -0.06 0.00	24.23 -0.13 0.00	24.17 -0.20 0.00	24.36 -0.21 0.00	22.31 -0.23 0.00	26.06 -0.30 0.00	27.82 -0.29 0.00	31.52 -0.24 0.00	42.42 -0.10 0.00	46.90 -0.02 0.00	50.80 -0.15 0.00	45.49 -0.06 0.00	37.45 0.08 0.00	32.32 -0.03 0.00
N.AKRON__115KV_KNAPP 355671	29.99 -2.32 0.30	27.93 -2.03 0.14	27.48 -1.79 0.00	26.61 -1.64 0.00	26.04 -1.68 1.39	17.86 -1.54 11.05	21.93 -2.10 10.27	18.27 -1.65 11.36	25.60 -1.72 1.43	23.68 -1.69 0.04	22.86 -1.75 0.00	22.46 -1.90 0.00	22.32 -2.05 0.00	22.44 -2.13 0.00	20.62 -1.92 0.00	22.48 -2.57 1.31	23.99 -2.68 1.43	23.82 -2.67 5.28	27.54 -3.76 11.22	31.45 -4.15 11.32	35.10 -4.52 11.33	32.86 -3.69 9.00	26.15 -2.78 8.44	21.33 -2.32 8.70
N.BELMOR_69_KV_BK1 55787	35.31 2.70 0.00	32.64 2.37 -0.18	31.46 2.18 0.00	30.33 2.07 0.00	31.35 2.25 0.00	32.89 2.43 0.00	37.23 2.93 0.00	34.06 2.77 0.00	31.36 2.61 0.00	27.57 2.17 0.00	26.91 2.31 0.00	26.74 2.39 0.00	26.73 2.36 0.00	26.90 2.32 0.00	24.78 2.24 0.00	29.16 2.81 0.00	31.21 3.10 0.00	35.07 3.30 0.00	46.64 4.11 0.00	51.24 4.32 0.00	55.66 4.72 0.00	49.55 4.00 0.00	40.56 3.19 0.00	34.76 2.41 0.00
N.E._GEN_SANDY PD 24062	34.02 1.41 0.00	31.38 1.29 0.00	30.54 1.26 0.00	29.46 1.21 0.00	30.48 1.28 -0.11	31.53 1.30 0.23	35.87 1.58 0.00	32.99 1.38 -0.33	28.86 1.02 0.91	26.46 1.05 0.00	25.69 1.08 0.00	25.47 1.11 0.00	25.31 1.13 0.18	25.68 1.11 0.00	23.64 1.10 0.00	27.78 1.42 0.00	29.51 1.40 0.00	33.26 1.50 0.00	44.41 1.89 0.00	48.99 2.07 0.00	53.38 2.44 0.00	56.01 2.25 -8.21	40.10 1.73 -1.01	33.80 1.45 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.69 2.08 0.00	31.96 1.86 0.00	31.03 1.75 0.00	29.91 1.67 0.00	30.87 1.78 0.00	32.40 1.94 0.00	36.65 2.35 0.00	33.56 2.28 0.00	30.94 2.19 0.00	27.41 2.01 0.00	26.61 2.00 0.00	26.37 2.01 0.00	26.38 2.02 0.00	26.64 2.06 0.00	24.50 1.95 0.00	28.75 2.39 0.00	30.71 2.59 0.00	34.52 2.75 0.00	45.88 3.36 0.00	50.44 3.52 0.00	54.89 3.95 0.00	48.91 3.37 0.00	39.95 2.58 0.00	34.34 1.99 0.00
N.QUEENS_27_KV_LOAD 356247	34.90 2.29 0.00	32.17 2.07 0.00	31.19 1.92 0.00	30.08 1.83 0.00	31.02 1.93 0.00	32.55 2.09 0.00	36.82 2.53 0.00	33.86 2.58 0.00	31.27 2.52 0.00	27.75 2.34 0.00	26.89 2.29 0.00	26.65 2.29 0.00	26.63 2.26 0.00	26.92 2.35 0.00	24.75 2.21 0.00	28.96 2.60 0.00	30.86 2.75 0.00	34.64 2.87 0.00	45.80 3.27 0.00	50.47 3.56 0.01	54.89 3.95 0.00	48.82 3.28 0.01	39.95 2.57 0.00	34.38 2.03 0.00
N.TROY___115KV_TB1 355778	33.87 1.26 0.00	31.24 1.15 0.00	30.40 1.12 0.00	29.34 1.08 0.00	30.23 1.14 0.00	31.61 1.15 0.00	35.67 1.38 0.00	32.42 1.14 0.00	29.49 0.74 0.00	26.16 0.75 0.00	25.34 0.73 0.00	25.12 0.76 0.00	25.13 0.76 0.00	25.33 0.76 0.00	23.32 0.78 0.00	27.39 1.03 0.00	29.15 1.04 0.00	32.92 1.16 0.00	44.10 1.57 0.00	48.70 1.78 0.00	53.04 2.09 0.00	47.51 1.96 0.00	38.89 1.52 0.00	33.69 1.34 0.00
NARROWS_GT1_1 24228	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT1_2 24229	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00

NARROWS_GT1_3 24230	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT1_4 24231	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT1_5 24232	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT1_6 24233	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT1_7 24234	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT1_8 24235	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_1 24236	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_2 24237	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_3 24238	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_4 24239	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_5 24240	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_6 24241	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_7 24242	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NARROWS_GT2_8 24243	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.94 1.33 0.00	31.31 1.21 0.00	30.45 1.17 0.00	29.36 1.11 0.00	30.25 1.16 0.00	31.68 1.23 0.00	35.73 1.44 0.00	32.44 1.16 0.00	29.50 0.75 0.00	26.08 0.67 0.00	25.23 0.62 0.00	25.01 0.65 0.00	25.04 0.68 0.00	25.28 0.71 0.00	23.26 0.72 0.00	27.35 0.99 0.00	29.18 1.06 0.00	33.06 1.29 0.00	44.35 1.82 0.00	48.94 2.02 0.00	53.42 2.47 0.00	47.82 2.27 0.00	39.16 1.79 0.00	33.97 1.62 0.00

NCHELSEA_115KV_TR2 355582	34.80 2.19 0.00	32.05 1.95 0.00	31.12 1.85 0.00	30.01 1.76 0.00	30.96 1.87 0.00	32.47 2.02 0.00	36.71 2.42 0.00	33.62 2.34 0.00	30.91 2.16 0.00	27.37 1.96 0.00	26.54 1.94 0.00	26.29 1.93 0.00	26.32 1.95 0.00	26.58 2.00 0.00	24.45 1.90 0.00	28.70 2.34 0.00	30.67 2.56 0.00	34.50 2.73 0.00	45.93 3.41 0.00	50.53 3.61 0.00	55.00 4.05 0.00	49.01 3.46 0.00	40.03 2.66 0.00	34.43 2.08 0.00
NEG CAPITAL___MECHNVIL 23645	34.29 1.68 0.00	31.62 1.52 0.00	30.77 1.50 0.00	29.69 1.43 0.00	30.61 1.52 0.00	32.04 1.58 0.00	36.16 1.86 0.00	32.81 1.53 0.00	29.81 1.06 0.00	26.37 0.96 0.00	25.50 0.89 0.00	25.28 0.92 0.00	25.28 0.92 0.00	25.50 0.93 0.00	23.49 0.94 0.00	27.59 1.24 0.00	29.46 1.34 0.00	33.33 1.56 0.00	44.75 2.23 0.00	49.49 2.57 0.00	53.87 2.93 0.00	48.21 2.66 0.00	39.45 2.08 0.00	34.12 1.78 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.12 -1.49 0.00	28.73 -1.36 0.00	28.00 -1.28 0.00	27.05 -1.20 0.00	27.88 -1.22 0.00	29.24 -1.22 0.00	32.77 -1.52 0.00	30.01 -1.27 0.00	27.49 -1.25 0.00	24.23 -1.18 0.00	23.43 -1.17 0.00	23.08 -1.28 0.00	23.01 -1.35 0.00	23.22 -1.36 0.00	21.30 -1.25 0.00	24.78 -1.58 0.00	26.49 -1.62 0.00	30.09 -1.68 0.00	40.31 -2.22 0.00	44.51 -2.41 0.00	48.26 -2.68 0.00	43.20 -2.34 0.00	35.46 -1.91 0.00	30.74 -1.61 0.00
NEG CENTRAL___DRP 24199	32.45 -0.27 -0.11	29.84 -0.31 -0.05	28.95 -0.33 0.00	27.96 -0.29 0.00	29.32 -0.31 -0.53	34.44 -0.25 -4.23	37.88 -0.35 -3.93	35.25 -0.37 -4.35	28.85 -0.45 -0.55	24.93 -0.50 -0.02	24.09 -0.52 0.00	23.78 -0.58 0.00	23.76 -0.61 0.00	24.01 -0.56 0.00	22.04 -0.51 0.00	26.30 -0.59 -0.53	28.09 -0.59 -0.57	33.29 -0.58 -2.10	46.34 -0.66 -4.47	50.86 -0.57 -4.51	54.85 -0.60 -4.51	48.61 -0.53 -3.59	40.28 -0.45 -3.36	35.40 -0.41 -3.47
NEG CENTRAL___INDECK 23768	33.30 -0.45 -1.15	30.06 -0.58 -0.54	28.59 -0.70 -0.01	27.61 -0.64 0.00	33.83 -0.62 -5.36	72.87 -0.39 -42.81	73.46 -0.60 -39.77	74.82 -0.46 -44.00	33.52 -0.78 -5.55	24.78 -0.79 -0.16	23.83 -0.78 0.00	23.39 -0.97 0.00	23.33 -1.03 0.00	23.57 -1.01 0.00	21.68 -0.87 0.00	30.59 -1.08 -5.31	33.09 -1.02 -6.00	53.00 -0.86 -22.10	88.63 -0.88 -46.99	93.57 -0.74 -47.39	97.68 -0.68 -47.42	82.63 -0.60 -37.69	72.06 -0.65 -35.34	68.17 -0.62 -36.44
NEG CENTRAL___SENECA 23627	32.46 -0.33 -0.18	29.79 -0.40 -0.08	28.84 -0.44 0.00	27.87 -0.38 0.00	29.56 -0.38 -0.84	36.94 -0.27 -6.75	40.17 -0.40 -6.27	37.83 -0.39 -6.94	29.13 -0.50 -0.87	24.89 -0.54 -0.02	24.04 -0.57 0.00	23.70 -0.66 0.00	23.65 -0.72 0.00	23.90 -0.67 0.00	21.97 -0.58 0.00	26.49 -0.71 -0.84	28.31 -0.71 -0.91	34.47 -0.64 -3.35	48.94 -0.70 -7.12	53.51 -0.59 -7.18	57.47 -0.65 -7.19	50.67 -0.58 -5.71	42.18 -0.55 -5.36	37.35 -0.52 -5.52
NEG CENTRAL___STATE_STREET 24147	32.69 0.03 -0.05	30.13 0.02 -0.02	29.28 0.00 0.00	28.27 0.02 0.00	29.26 -0.05 -0.21	32.10 -0.04 -1.69	35.83 -0.03 -1.57	32.84 -0.18 -1.74	28.74 -0.23 -0.22	25.06 -0.35 -0.01	24.24 -0.37 0.00	23.95 -0.41 0.00	23.95 -0.42 0.00	24.25 -0.33 0.00	22.21 -0.33 0.00	26.27 -0.30 -0.21	27.83 -0.28 0.00	31.44 -0.32 0.00	42.16 -0.37 0.00	46.76 -0.16 0.00	50.80 -0.15 0.00	45.47 -0.07 0.00	37.32 -0.05 0.00	32.24 -0.11 0.00
NEG MILLWOOD___DRP 24198	34.82 2.21 0.00	32.07 1.97 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.99 1.90 0.00	32.50 2.04 0.00	36.75 2.46 0.00	33.67 2.39 0.00	30.99 2.23 0.00	27.45 2.04 0.00	26.63 2.02 0.00	26.38 2.02 0.00	26.40 2.03 0.00	26.66 2.09 0.00	24.52 1.98 0.00	28.79 2.43 0.00	30.74 2.63 0.00	34.59 2.83 0.00	46.02 3.49 0.00	50.60 3.68 0.00	55.05 4.10 0.00	49.06 3.51 0.00	40.06 2.69 0.00	34.44 2.09 0.00
NEG NORTH_FLCN_SEA 23793	32.95 0.34 0.00	30.44 0.34 0.00	29.65 0.38 0.00	28.61 0.36 0.00	29.41 0.31 0.00	30.85 0.40 0.00	34.84 0.55 0.00	31.77 0.48 0.00	29.16 0.41 0.00	25.76 0.35 0.00	24.87 0.26 0.00	24.55 0.19 0.00	24.53 0.16 0.00	24.83 0.25 0.00	22.74 0.19 0.00	26.58 0.22 0.00	28.34 0.23 0.00	32.16 0.40 0.00	43.25 0.72 0.00	47.61 0.69 0.00	51.68 0.74 0.00	46.27 0.72 0.00	38.07 0.70 0.00	32.82 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	32.31 -0.30 0.00	29.88 -0.22 0.00	29.11 -0.16 0.00	28.08 -0.18 0.00	28.85 -0.25 0.00	30.23 -0.22 0.00	34.15 -0.15 0.00	31.16 -0.12 0.00	28.69 -0.06 0.00	25.29 -0.12 0.00	24.42 -0.18 0.00	24.12 -0.23 0.00	24.08 -0.28 0.00	24.28 -0.29 0.00	22.23 -0.32 0.00	25.98 -0.38 0.00	27.74 -0.37 0.00	31.41 -0.36 0.00	42.21 -0.32 0.00	46.60 -0.32 0.00	50.75 -0.19 0.00	45.49 -0.06 0.00	37.35 -0.02 0.00	32.23 -0.11 0.00
NEG NORTH___ALICE_FALLS 23915	32.89 0.28 0.00	30.39 0.29 0.00	29.60 0.32 0.00	28.56 0.31 0.00	29.35 0.25 0.00	30.79 0.34 0.00	34.78 0.48 0.00	31.67 0.38 0.00	29.06 0.31 0.00	25.65 0.24 0.00	24.75 0.15 0.00	24.44 0.08 0.00	24.42 0.06 0.00	24.70 0.12 0.00	22.62 0.08 0.00	26.44 0.08 0.00	28.20 0.09 0.00	32.00 0.24 0.00	43.05 0.53 0.00	47.50 0.58 0.00	51.62 0.68 0.00	46.20 0.66 0.00	38.03 0.66 0.00	32.79 0.43 0.00
NEG NORTH___LWR_SARANAC 23913	32.89 0.28 0.00	30.39 0.29 0.00	29.60 0.32 0.00	28.56 0.31 0.00	29.35 0.25 0.00	30.79 0.34 0.00	34.78 0.48 0.00	31.67 0.38 0.00	29.06 0.31 0.00	25.65 0.24 0.00	24.75 0.15 0.00	24.44 0.08 0.00	24.42 0.06 0.00	24.70 0.12 0.00	22.62 0.08 0.00	26.44 0.08 0.00	28.20 0.09 0.00	32.00 0.24 0.00	43.05 0.53 0.00	47.50 0.58 0.00	51.62 0.68 0.00	46.20 0.66 0.00	38.03 0.66 0.00	32.79 0.43 0.00
NEG NORTH___PLATTSBURG 23628	32.89 0.28 0.00	30.39 0.29 0.00	29.60 0.32 0.00	28.56 0.31 0.00	29.35 0.25 0.00	30.79 0.34 0.00	34.78 0.48 0.00	31.67 0.38 0.00	29.06 0.31 0.00	25.65 0.24 0.00	24.76 0.15 0.00	24.44 0.08 0.00	24.42 0.06 0.00	24.70 0.12 0.00	22.62 0.08 0.00	26.44 0.08 0.00	28.20 0.09 0.00	32.01 0.24 0.00	43.05 0.53 0.00	47.49 0.57 0.00	51.62 0.68 0.00	46.20 0.65 0.00	38.03 0.66 0.00	32.79 0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	29.34 -2.92 0.35	27.38 -2.56 0.16	26.98 -2.29 0.00	26.13 -2.12 0.00	25.28 -2.18 1.63	15.36 -2.09 13.01	19.46 -2.75 12.08	15.74 -2.18 13.37	24.97 -2.10 1.69	23.37 -1.99 0.05	22.58 -2.03 0.00	22.22 -2.14 0.00	22.09 -2.27 0.00	22.20 -2.37 0.00	20.34 -2.21 0.00	21.94 -2.87 1.55	23.40 -3.00 1.71	22.36 -3.10 6.31	24.69 -4.42 13.41	28.36 -5.04 13.52	31.81 -5.59 13.53	30.13 -4.66 10.76	23.72 -3.57 10.09	19.00 -2.95 10.40
NEG WEST___LANCASTR 23811	29.55 -2.64 0.42	27.53 -2.37 0.20	27.02 -2.25 0.00	26.16 -2.10 0.00	25.00 -2.14 1.96	12.74 -2.06 15.66	17.09 -2.65 14.55	13.15 -2.04 16.10	24.85 -1.87 2.03	23.61 -1.74 0.06	22.82 -1.79 0.00	22.53 -1.83 0.00	22.43 -1.93 0.00	22.57 -2.00 0.00	20.68 -1.87 0.00	22.06 -2.47 1.83	23.64 -2.70 1.78	22.48 -2.74 6.54	24.74 -3.88 13.91	28.53 -4.36 14.03	31.90 -5.01 14.04	30.11 -4.29 11.15	23.49 -3.42 10.46	18.69 -2.88 10.79

NEG_PENN_ALLEGHNY 23528	32.82 0.16 -0.05	30.20 0.08 -0.02	29.32 0.04 0.00	28.31 0.06 0.00	29.42 0.09 -0.23	32.47 0.15 -1.87	36.14 0.11 -1.73	33.31 0.11 -1.92	29.05 0.06 -0.24	25.40 -0.01 -0.01	24.60 -0.01 0.00	24.36 0.00 0.00	24.38 0.01 0.00	24.59 0.02 0.00	22.57 0.03 0.00	26.56 0.00 -0.20	28.11 0.00 0.00	31.82 0.05 0.00	42.57 0.05 0.00	47.02 0.10 0.00	51.03 0.08 0.00	45.61 0.06 0.00	37.40 0.02 0.00	32.32 -0.02 0.00
NEG___GEN_MONROE 24207	31.31 -1.24 0.06	28.98 -1.09 0.03	28.30 -0.98 0.00	27.35 -0.90 0.00	27.89 -0.92 0.28	27.31 -0.87 2.27	30.99 -1.19 2.11	27.98 -0.97 2.33	27.47 -0.98 0.29	24.44 -0.96 0.01	23.63 -0.98 0.00	23.22 -1.14 0.00	23.13 -1.24 0.00	23.31 -1.27 0.00	21.40 -1.15 0.00	24.62 -1.50 0.23	26.33 -1.54 0.25	29.33 -1.52 0.91	38.56 -2.03 1.94	42.79 -2.18 1.95	46.68 -2.31 1.95	42.07 -1.93 1.55	34.37 -1.55 1.45	29.57 -1.28 1.50
NEPA___ENERGY 23901	30.01 -2.16 0.44	27.88 -2.02 0.20	27.34 -1.93 0.00	26.50 -1.75 0.00	25.12 -1.94 2.03	12.26 -1.96 16.24	16.69 -2.51 15.09	12.70 -1.89 16.69	25.06 -1.58 2.10	23.89 -1.46 0.06	23.17 -1.44 0.00	22.95 -1.40 0.00	22.88 -1.49 0.00	23.08 -1.49 0.00	21.18 -1.36 0.00	22.55 -1.85 1.96	23.85 -2.22 2.04	21.89 -2.35 7.52	23.17 -3.37 15.98	27.11 -3.69 16.12	30.42 -4.38 16.13	28.98 -3.75 12.82	22.30 -3.05 12.02	17.23 -2.72 12.39
NEVERSINK___HYD 23608	34.53 1.92 0.00	31.81 1.71 0.00	30.90 1.62 0.00	29.81 1.56 0.00	30.77 1.68 0.00	32.30 1.85 0.00	36.51 2.22 0.00	33.33 2.05 0.00	30.62 1.87 0.00	27.10 1.69 0.00	26.50 1.89 0.00	26.21 1.85 0.00	26.26 1.89 0.00	26.44 1.86 0.00	24.26 1.72 0.00	28.48 2.12 0.00	30.50 2.38 0.00	34.38 2.61 0.00	45.85 3.32 0.00	50.51 3.59 0.00	54.99 4.05 0.00	48.99 3.44 0.00	39.99 2.62 0.00	34.36 2.01 0.00
NEWKRMKL_115KV_TB1 55635	33.37 0.76 0.00	30.81 0.71 0.00	29.97 0.69 0.00	28.91 0.66 0.00	29.77 0.67 0.00	31.12 0.67 0.00	35.05 0.76 0.00	31.86 0.58 0.00	29.08 0.33 0.00	25.82 0.41 0.00	25.03 0.43 0.00	24.82 0.47 0.00	24.85 0.49 0.00	25.06 0.49 0.00	23.06 0.52 0.00	27.10 0.75 0.00	28.85 0.74 0.00	32.55 1.03 0.00	43.55 1.03 0.00	47.96 1.04 0.00	52.21 1.27 0.00	46.76 1.22 0.00	38.36 0.99 0.00	33.38 1.03 0.00
NEWTON___FALLS_HYD 23847	32.17 -0.44 0.00	29.74 -0.36 0.00	28.81 -0.47 0.00	27.77 -0.49 0.00	28.51 -0.58 0.00	30.01 -0.45 0.00	33.83 -0.46 0.00	30.59 -0.70 0.00	28.06 -0.69 0.00	24.71 -0.69 0.00	23.85 -0.76 0.00	23.57 -0.79 0.00	23.55 -0.82 0.00	23.73 -0.84 0.00	21.75 -0.79 0.00	25.44 -0.92 0.00	27.18 -0.93 0.00	30.66 -1.11 0.00	41.34 -1.19 0.00	45.95 -0.97 0.00	50.52 -0.42 0.00	45.44 -0.11 0.00	37.47 0.10 0.00	32.25 -0.09 0.00
NGRID_A1_DSASP 323792	28.90 -3.35 0.36	27.01 -2.92 0.17	26.62 -2.66 0.00	25.77 -2.48 0.00	24.86 -2.56 1.68	14.60 -2.46 13.40	18.67 -3.17 12.44	14.99 -2.52 13.77	24.63 -2.39 1.74	23.13 -2.23 0.05	22.40 -2.21 0.00	22.02 -2.34 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.12 -2.43 0.00	21.58 -3.15 1.63	23.05 -3.28 1.78	21.78 -3.44 6.54	23.81 -4.80 13.91	27.45 -5.43 14.03	30.84 -6.06 14.04	29.18 -5.21 11.16	22.80 -4.11 10.46	18.20 -3.36 10.79
NGRID_A2_DSASP 323793	28.90 -3.35 0.36	27.01 -2.92 0.17	26.62 -2.66 0.00	25.77 -2.48 0.00	24.86 -2.56 1.68	14.60 -2.46 13.40	18.67 -3.17 12.44	14.99 -2.52 13.77	24.63 -2.39 1.74	23.13 -2.23 0.05	22.40 -2.21 0.00	22.02 -2.34 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.12 -2.43 0.00	21.58 -3.15 1.63	23.05 -3.28 1.78	21.78 -3.44 6.54	23.81 -4.80 13.91	27.45 -5.43 14.03	30.84 -6.06 14.04	29.18 -5.21 11.16	22.80 -4.11 10.46	18.20 -3.36 10.79
NGRID_A4_DSASP 323807	28.90 -3.35 0.36	27.01 -2.92 0.17	26.62 -2.66 0.00	25.77 -2.48 0.00	24.86 -2.56 1.68	14.60 -2.46 13.40	18.67 -3.17 12.44	14.99 -2.52 13.77	24.63 -2.39 1.74	23.13 -2.23 0.05	22.40 -2.21 0.00	22.02 -2.34 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.12 -2.43 0.00	21.58 -3.15 1.63	23.05 -3.28 1.78	21.78 -3.44 6.54	23.81 -4.80 13.91	27.45 -5.43 14.03	30.84 -6.06 14.04	29.18 -5.21 11.16	22.80 -4.11 10.46	18.20 -3.36 10.79
NIAGARA_115E_LBMP 323715	28.82 -3.43 0.36	26.91 -3.02 0.17	26.62 -2.66 0.00	25.78 -2.47 0.00	24.90 -2.52 1.68	14.68 -2.35 13.42	18.76 -3.06 12.47	15.14 -2.34 13.80	24.58 -2.43 1.74	23.00 -2.36 0.05	22.22 -2.39 0.00	21.90 -2.46 0.00	21.77 -2.59 0.00	21.85 -2.72 0.00	20.03 -2.51 0.00	21.53 -3.23 1.60	23.03 -3.35 1.74	21.95 -3.42 6.39	23.99 -4.95 13.59	27.48 -5.73 13.71	30.79 -6.44 13.71	29.35 -5.29 10.90	23.23 -3.92 10.22	18.58 -3.23 10.54
NIAGARA_115W_LBMP 323714	28.86 -3.39 0.36	26.97 -2.96 0.17	26.57 -2.70 0.00	25.72 -2.53 0.00	24.84 -2.58 1.67	14.67 -2.43 13.35	18.73 -3.16 12.40	15.15 -2.41 13.72	24.61 -2.41 1.73	23.09 -2.27 0.05	22.36 -2.25 0.00	21.97 -2.39 0.00	21.86 -2.51 0.00	21.95 -2.63 0.00	20.09 -2.45 0.00	21.56 -3.19 1.62	23.03 -3.32 1.77	21.81 -3.43 6.52	23.94 -4.73 13.85	27.58 -5.36 13.97	30.92 -6.04 13.98	29.26 -5.18 11.11	22.88 -4.07 10.42	18.26 -3.34 10.74
NIAGARA_230_LBMP 323716	29.13 -3.14 0.35	27.19 -2.75 0.16	26.79 -2.49 0.00	25.93 -2.32 0.00	25.07 -2.40 1.62	15.14 -2.35 12.97	19.22 -3.03 12.05	15.62 -2.33 13.33	24.83 -2.23 1.68	23.27 -2.09 0.05	22.48 -2.12 0.00	22.15 -2.21 0.00	22.04 -2.32 0.00	22.14 -2.43 0.00	20.28 -2.26 0.00	21.86 -2.95 1.55	23.31 -3.10 1.70	22.19 -3.30 6.28	24.60 -4.58 13.35	28.25 -5.20 13.47	31.61 -5.86 13.47	29.85 -4.99 10.71	23.41 -3.92 10.04	18.78 -3.21 10.35
NIAGARA___115KV_198_GIBSON 55903	28.86 -3.39 0.36	26.97 -2.96 0.17	26.57 -2.70 0.00	25.72 -2.53 0.00	24.83 -2.60 1.67	14.61 -2.49 13.35	18.68 -3.21 12.40	15.00 -2.56 13.72	24.59 -2.42 1.73	23.08 -2.27 0.05	22.36 -2.25 0.00	21.97 -2.39 0.00	21.85 -2.52 0.00	21.94 -2.64 0.00	20.08 -2.47 0.00	21.55 -3.20 1.62	23.02 -3.33 1.77	21.77 -3.48 6.52	23.83 -4.84 13.85	27.45 -5.49 13.97	30.84 -6.12 13.98	29.17 -5.27 11.11	22.81 -4.15 10.42	18.20 -3.41 10.74
NIAGARA____ 23760	29.12 -3.14 0.35	27.19 -2.75 0.17	26.79 -2.49 0.00	25.93 -2.32 0.00	25.05 -2.40 1.65	14.99 -2.35 13.13	19.11 -3.03 12.15	15.52 -2.33 13.44	24.82 -2.23 1.69	23.27 -2.09 0.05	22.48 -2.12 0.00	22.15 -2.21 0.00	22.04 -2.32 0.00	22.14 -2.43 0.00	20.28 -2.26 0.00	21.84 -2.95 1.56	23.30 -3.10 1.72	22.15 -3.30 6.32	24.50 -4.58 13.45	28.14 -5.20 13.57	31.50 -5.86 13.58	29.77 -4.99 10.78	23.34 -3.92 10.11	18.69 -3.21 10.45
NINE_MILE_1 23575	31.73 -0.88 0.00	29.29 -0.81 0.00	28.48 -0.80 0.00	27.49 -0.76 0.00	28.31 -0.78 0.00	29.61 -1.07 0.00	33.22 -1.07 0.00	30.31 -0.97 0.00	27.81 -0.94 0.00	24.56 -0.85 0.00	23.79 -0.82 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.42 -0.94 0.00	27.12 -0.99 0.00	30.65 -1.12 0.00	41.02 -1.51 0.00	45.28 -1.64 0.00	49.20 -1.75 0.00	44.02 -1.53 0.00	36.21 -1.17 0.00	31.46 -0.89 0.00

NINE_MILE_2 23744	31.73 -0.88 0.00	29.29 -0.81 0.00	28.49 -0.79 0.00	27.49 -0.76 0.00	28.31 -0.78 0.00	29.61 -0.85 0.00	33.23 -1.07 0.00	30.31 -0.97 0.00	27.81 -0.94 0.00	24.56 -0.85 0.00	23.79 -0.82 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.42 -0.93 0.00	27.12 -0.99 0.00	30.65 -1.11 0.00	41.02 -1.50 0.00	45.28 -1.64 0.00	49.20 -1.74 0.00	44.02 -1.52 0.00	36.21 -1.17 0.00	31.46 -0.89 0.00
NM_CAPITAL___DRP 24208	33.44 0.83 0.00	30.87 0.77 0.00	30.03 0.75 0.00	28.97 0.71 0.00	29.83 0.73 0.00	31.20 0.74 0.00	35.14 0.85 0.00	31.95 0.67 0.00	29.16 0.41 0.00	25.92 0.51 0.00	25.14 0.53 0.00	24.92 0.56 0.00	24.95 0.58 0.00	25.16 0.59 0.00	23.15 0.61 0.00	27.20 0.84 0.00	28.93 0.82 0.00	32.61 0.85 0.00	43.60 1.08 0.00	48.05 1.13 0.00	52.31 1.37 0.00	46.85 1.31 0.00	38.42 1.05 0.00	33.40 1.05 0.00
NM_CENTRAL___DRP 24181	32.27 -0.34 0.00	29.77 -0.33 0.00	28.94 -0.34 0.00	27.93 -0.33 0.00	28.77 -0.32 0.00	30.12 -0.33 0.00	33.82 -0.48 0.00	30.84 -0.45 0.00	28.27 -0.47 0.00	24.96 -0.45 0.00	24.18 -0.42 0.00	23.93 -0.43 0.00	23.93 -0.43 0.00	24.15 -0.43 0.00	22.15 -0.39 0.00	25.87 -0.49 0.00	27.60 -0.51 0.00	31.22 -0.55 0.00	41.80 -0.72 0.00	46.16 -0.76 0.00	50.17 -0.77 0.00	44.87 -0.68 0.00	36.86 -0.51 0.00	31.98 -0.37 0.00
NM_FRONTIER___DRP 24179	28.86 -3.39 0.36	26.97 -2.96 0.17	26.57 -2.70 0.00	25.72 -2.53 0.00	24.83 -2.60 1.67	14.61 -2.49 13.35	18.68 -3.21 12.40	15.00 -2.56 13.72	24.59 -2.42 1.73	23.08 -2.27 0.05	22.36 -2.25 0.00	21.97 -2.39 0.00	21.85 -2.52 0.00	21.94 -2.64 0.00	20.08 -2.47 0.00	21.55 -3.20 1.62	23.02 -3.33 1.77	21.77 -3.48 6.52	23.83 -4.84 13.85	27.45 -5.49 13.97	30.84 -6.12 13.98	29.17 -5.27 11.11	22.81 -4.15 10.42	18.20 -3.41 10.74
NM_ST_REGIS___HYD 24053	32.12 -0.49 0.00	29.71 -0.39 0.00	28.92 -0.36 0.00	27.91 -0.34 0.00	28.67 -0.43 0.00	30.12 -0.34 0.00	34.55 0.26 0.00	31.65 0.37 0.00	28.90 0.15 0.00	25.43 0.02 0.00	24.54 -0.06 0.00	24.23 -0.13 0.00	24.17 -0.20 0.00	24.36 -0.21 0.00	22.31 -0.23 0.00	26.06 -0.30 0.00	27.82 -0.29 0.00	31.52 -0.24 0.00	42.42 -0.10 0.00	46.86 -0.06 0.00	50.18 -0.76 0.00	45.13 -0.42 0.00	37.27 -0.10 0.00	32.14 -0.21 0.00
NORTHPORT___1 23551	35.40 2.79 0.00	32.57 2.47 0.00	31.55 2.27 0.00	30.40 2.15 0.00	31.45 2.35 0.00	32.95 2.50 0.00	37.29 2.99 0.00	34.02 2.74 0.00	31.35 2.60 0.00	27.41 2.01 0.00	26.83 2.22 0.00	26.73 2.37 0.00	26.72 2.35 0.00	26.83 2.26 0.00	24.73 2.18 0.00	29.07 2.71 0.00	31.16 3.05 0.00	34.99 3.23 0.00	46.52 4.00 0.00	51.11 4.19 0.00	55.41 4.47 0.00	49.31 3.76 0.00	40.43 3.06 0.00	34.67 2.33 0.00
NORTHPORT___2 23552	35.40 2.79 0.00	32.57 2.47 0.00	31.55 2.27 0.00	30.40 2.15 0.00	31.45 2.35 0.00	32.95 2.50 0.00	37.29 2.99 0.00	34.02 2.74 0.00	31.35 2.60 0.00	27.41 2.01 0.00	26.83 2.22 0.00	26.73 2.37 0.00	26.72 2.35 0.00	26.83 2.26 0.00	24.73 2.18 0.00	29.07 2.71 0.00	31.16 3.05 0.00	34.99 3.23 0.00	46.52 4.00 0.00	51.11 4.19 0.00	55.41 4.47 0.00	49.31 3.76 0.00	40.43 3.06 0.00	34.67 2.33 0.00
NORTHPORT___3 23553	35.32 2.71 0.00	32.50 2.40 0.00	31.48 2.20 0.00	30.34 2.09 0.00	31.38 2.28 0.00	32.89 2.43 0.00	37.21 2.92 0.00	33.96 2.68 0.00	31.28 2.53 0.00	27.34 1.93 0.00	26.78 2.17 0.00	26.68 2.33 0.00	26.68 2.31 0.00	26.77 2.20 0.00	24.67 2.12 0.00	29.00 2.65 0.00	31.08 2.97 0.00	34.90 3.14 0.00	46.40 3.88 0.00	50.95 4.03 0.00	55.20 4.26 0.00	49.14 3.60 0.00	40.31 2.94 0.00	34.56 2.22 0.00
NORTHPORT___4 23650	35.32 2.71 0.00	32.50 2.40 0.00	31.48 2.20 0.00	30.34 2.09 0.00	31.38 2.28 0.00	32.89 2.43 0.00	37.21 2.92 0.00	33.96 2.68 0.00	31.28 2.53 0.00	27.34 1.93 0.00	26.78 2.17 0.00	26.68 2.33 0.00	26.68 2.31 0.00	26.77 2.20 0.00	24.67 2.12 0.00	29.00 2.65 0.00	31.08 2.97 0.00	34.90 3.14 0.00	46.40 3.88 0.00	50.95 4.03 0.00	55.20 4.26 0.00	49.14 3.60 0.00	40.31 2.94 0.00	34.56 2.22 0.00
NORTHPORT___IC 23718	35.40 2.79 0.00	32.57 2.47 0.00	31.54 2.27 0.00	30.40 2.15 0.00	31.45 2.35 0.00	32.96 2.50 0.00	37.30 3.00 0.00	34.04 2.76 0.00	31.35 2.60 0.00	27.41 2.00 0.00	26.83 2.22 0.00	26.73 2.37 0.00	26.72 2.36 0.00	26.83 2.26 0.00	24.73 2.18 0.00	29.08 2.72 0.00	31.17 3.05 0.00	35.00 3.23 0.00	46.53 4.01 0.00	51.11 4.19 0.00	55.41 4.47 0.00	49.33 3.79 0.00	40.45 3.07 0.00	34.68 2.33 0.00
NORTH___COUNTRY_ESR 323785	32.25 -0.37 0.00	29.82 -0.28 0.00	29.05 -0.23 0.00	28.02 -0.23 0.00	28.80 -0.30 0.00	30.17 -0.29 0.00	34.08 -0.21 0.00	31.15 -0.13 0.00	28.68 -0.07 0.00	25.29 -0.12 0.00	24.42 -0.18 0.00	24.12 -0.24 0.00	24.08 -0.29 0.00	24.27 -0.30 0.00	22.23 -0.32 0.00	25.97 -0.39 0.00	27.73 -0.38 0.00	31.40 -0.37 0.00	42.20 -0.33 0.00	46.57 -0.34 0.00	50.67 -0.27 0.00	45.38 -0.16 0.00	37.27 -0.10 0.00	32.18 -0.17 0.00
NPX_GEN_1385_PROXY 323591	35.40 2.79 0.00	32.57 2.47 0.00	31.55 2.27 0.00	30.40 2.15 0.00	31.45 2.35 0.00	32.95 2.50 0.00	37.29 2.99 0.00	32.63 2.74 1.40	31.35 2.60 0.00	27.41 2.01 0.00	26.83 2.22 0.00	26.73 2.37 0.00	26.72 2.35 0.00	26.83 2.26 0.00	24.72 2.18 0.00	28.96 2.61 0.00	31.15 3.04 0.00	34.86 3.10 0.00	46.35 3.83 0.00	50.92 4.00 0.00	55.58 4.64 0.00	49.51 3.96 0.00	40.59 3.22 0.00	34.80 2.45 0.00
NPX_GEN_CSC 323557	36.10 3.49 0.00	42.14 3.08 -8.97	32.12 2.84 0.00	30.95 2.70 0.00	32.11 3.01 0.00	33.53 3.08 0.00	37.90 3.61 0.00	33.05 3.17 1.40	31.77 3.02 0.00	27.71 2.31 0.00	27.11 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.19 2.62 0.00	25.08 2.53 0.00	29.54 3.18 0.00	31.68 3.57 0.00	35.68 3.91 0.00	47.42 4.90 0.00	52.18 5.26 0.00	56.49 5.55 0.00	50.21 4.66 0.00	41.23 3.86 0.00	35.44 3.09 0.00
NSINS_S_GLNS_FALLS 23858	34.75 2.14 0.00	32.05 1.95 0.00	31.20 1.93 0.00	30.12 1.87 0.00	31.06 1.96 0.00	32.52 2.06 0.00	36.73 2.44 0.00	33.27 1.99 0.00	30.01 1.26 0.00	26.44 1.03 0.00	25.48 0.88 0.00	25.26 0.90 0.00	25.24 0.88 0.00	25.46 0.89 0.00	23.49 0.94 0.00	27.63 1.27 0.00	29.66 1.55 0.00	33.62 1.85 0.00	45.35 2.82 0.00	50.26 3.35 0.00	54.60 3.66 0.00	48.92 3.38 0.00	40.04 2.67 0.00	34.65 2.30 0.00
NUCOR_STEEL___DRP 24197	32.64 0.03 0.00	30.11 0.02 0.00	29.28 0.01 0.00	28.27 0.02 0.00	29.04 -0.05 0.00	30.40 -0.06 0.00	34.25 -0.04 0.00	31.08 -0.20 0.00	28.52 -0.23 0.00	25.05 -0.36 0.00	24.24 -0.37 0.00	23.95 -0.41 0.00	23.95 -0.41 0.00	24.26 -0.31 0.00	22.21 -0.33 0.00	26.07 -0.29 0.00	27.84 -0.27 0.00	31.44 -0.32 0.00	42.12 -0.41 0.00	46.73 -0.19 0.00	50.78 -0.16 0.00	45.46 -0.09 0.00	37.32 -0.06 0.00	32.22 -0.13 0.00

NUMBER_THREE_WT_PWR 323818	32.78 0.17 0.00	30.27 0.17 0.00	29.18 -0.10 0.00	28.11 -0.14 0.00	28.89 -0.21 0.00	30.48 0.02 0.00	34.33 0.03 0.00	30.95 -0.33 0.00	28.30 -0.45 0.00	24.92 -0.49 0.00	24.06 -0.55 0.00	23.81 -0.54 0.00	23.83 -0.54 0.00	24.03 -0.55 0.00	22.05 -0.49 0.00	25.81 -0.55 0.00	27.58 -0.53 0.00	31.29 -0.48 0.00	42.29 -0.24 0.00	47.11 0.19 0.00	51.88 0.94 0.00	46.52 0.97 0.00	38.23 0.86 0.00	32.86 0.51 0.00
NYISO_LBMP_REFERENCE 24008	32.61 0.00 0.00	30.10 0.00 0.00	29.28 0.00 0.00	28.25 0.00 0.00	29.09 0.00 0.00	30.46 0.00 0.00	34.30 0.00 0.00	31.28 0.00 0.00	28.75 0.00 0.00	25.41 0.00 0.00	24.61 0.00 0.00	24.36 0.00 0.00	24.36 0.00 0.00	24.57 0.00 0.00	22.55 0.00 0.00	26.36 0.00 0.00	28.11 0.00 0.00	31.76 0.00 0.00	42.53 0.00 0.00	46.92 0.00 0.00	50.94 0.00 0.00	45.55 0.00 0.00	37.37 0.00 0.00	32.35 0.00 0.00
NYPA_BRENTWD____GT 24164	35.80 3.19 0.00	35.13 2.82 -2.22	31.87 2.60 0.00	30.72 2.46 0.00	31.77 2.67 0.00	33.30 2.84 0.00	37.69 3.40 0.00	34.41 3.13 0.00	31.67 2.93 0.00	27.70 2.29 0.00	27.07 2.47 0.00	26.95 2.59 0.00	26.94 2.57 0.00	27.07 2.50 0.00	24.96 2.41 0.00	29.36 3.00 0.00	31.50 3.39 0.00	35.42 3.66 0.00	47.16 4.64 0.00	51.84 4.92 0.00	56.23 5.29 0.00	50.02 4.47 0.00	40.96 3.59 0.00	35.11 2.76 0.00
NYPA_GOWANUS____GT5 24156	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NYPA_GOWANUS____GT6 24157	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.73 2.27 0.00	37.03 2.73 -0.01	33.99 2.71 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.93 3.16 0.00	46.34 3.81 -0.01	50.95 4.02 -0.01	55.38 4.43 -0.01	49.28 3.73 0.00	40.24 2.87 0.00	34.58 2.23 0.00
NYPA_HARLEM__RVR__GT1 24160	34.86 2.25 0.00	32.13 2.04 0.00	31.15 1.88 0.00	30.06 1.80 0.00	30.99 1.90 0.00	32.49 2.03 0.00	36.75 2.46 0.00	33.76 2.48 0.00	31.20 2.46 0.00	27.69 2.28 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.87 2.30 0.00	24.70 2.16 0.00	28.91 2.56 0.00	30.81 2.70 0.00	34.58 2.82 0.00	45.76 3.23 0.00	50.42 3.51 0.01	54.84 3.90 0.00	48.79 3.25 0.02	39.92 2.55 0.00	34.35 2.00 0.00
NYPA_HARLEM__RVR__GT2 24161	34.86 2.25 0.00	32.13 2.04 0.00	31.15 1.88 0.00	30.06 1.80 0.00	30.99 1.90 0.00	32.49 2.03 0.00	36.75 2.46 0.00	33.76 2.48 0.00	31.20 2.46 0.00	27.69 2.28 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.87 2.30 0.00	24.70 2.16 0.00	28.91 2.56 0.00	30.81 2.70 0.00	34.58 2.82 0.00	45.76 3.23 0.00	50.42 3.51 0.01	54.84 3.90 0.00	48.79 3.25 0.02	39.92 2.55 0.00	34.35 2.00 0.00
NYPA_KENT____GT 24152	35.00 2.39 0.00	32.27 2.17 0.00	31.33 2.05 0.00	30.21 1.96 0.00	31.16 2.06 0.00	32.66 2.21 0.00	36.94 2.65 0.00	33.91 2.63 0.00	31.38 2.63 0.00	27.85 2.45 0.00	27.02 2.41 0.00	26.78 2.42 0.00	26.76 2.40 0.00	27.04 2.47 0.00	24.86 2.31 0.00	29.14 2.78 0.00	31.05 2.94 0.00	34.85 3.08 0.00	46.22 3.69 0.00	50.83 3.90 0.00	55.25 4.30 0.00	49.17 3.62 0.00	40.17 2.80 0.00	34.52 2.18 0.00
NYPA_POUCH1____GT 24155	35.08 2.46 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.05 2.74 -0.01	33.99 2.70 0.00	31.42 2.67 0.00	27.87 2.46 0.00	27.02 2.41 0.00	26.77 2.41 0.00	26.75 2.39 0.00	27.03 2.46 0.00	24.86 2.31 0.00	29.14 2.78 0.00	31.08 2.96 0.00	34.91 3.15 0.00	46.33 3.80 -0.01	50.94 4.02 -0.01	55.37 4.41 -0.01	49.27 3.72 0.00	40.24 2.87 0.00	34.57 2.22 0.00
NYPA_VERNON____GT2 24162	34.93 2.32 0.00	32.21 2.11 0.00	31.27 1.99 0.00	30.17 1.92 0.00	31.11 2.01 0.00	32.60 2.14 0.00	36.85 2.55 0.00	33.84 2.56 0.00	31.32 2.57 0.00	27.81 2.40 0.00	26.98 2.38 0.00	26.74 2.38 0.00	26.73 2.36 0.00	27.01 2.44 0.00	24.83 2.28 0.00	29.10 2.74 0.00	31.01 2.90 0.00	34.78 3.02 0.00	46.12 3.60 0.00	50.70 3.78 0.00	55.11 4.16 0.00	49.07 3.52 0.00	40.08 2.71 0.00	34.46 2.11 0.00
NYPA_VERNON____GT3 24163	34.93 2.32 0.00	32.21 2.11 0.00	31.27 1.99 0.00	30.17 1.92 0.00	31.11 2.01 0.00	32.60 2.14 0.00	36.85 2.55 0.00	33.84 2.56 0.00	31.32 2.57 0.00	27.81 2.40 0.00	26.98 2.38 0.00	26.74 2.38 0.00	26.73 2.36 0.00	27.01 2.44 0.00	24.83 2.28 0.00	29.10 2.74 0.00	31.01 2.90 0.00	34.78 3.02 0.00	46.12 3.60 0.00	50.70 3.78 0.00	55.11 4.16 0.00	49.07 3.52 0.00	40.08 2.71 0.00	34.46 2.11 0.00
NYPA__ASTORIA_CC1 323568	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.87 0.00	31.07 1.98 0.00	32.55 2.09 0.00	36.77 2.48 0.00	33.78 2.50 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.32 0.00	26.98 2.41 0.00	24.79 2.25 0.00	29.06 2.70 0.00	30.96 2.85 0.00	34.72 2.95 0.00	46.01 3.48 0.00	50.61 3.69 0.00	55.00 4.06 0.00	48.97 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
NYPA__ASTORIA_CC2 323569	34.87 2.26 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.87 0.00	31.07 1.98 0.00	32.55 2.09 0.00	36.77 2.48 0.00	33.78 2.50 0.00	31.27 2.52 0.00	27.77 2.37 0.00	26.94 2.34 0.00	26.71 2.35 0.00	26.69 2.32 0.00	26.98 2.41 0.00	24.79 2.25 0.00	29.06 2.70 0.00	30.96 2.85 0.00	34.72 2.95 0.00	46.01 3.48 0.00	50.61 3.69 0.00	55.00 4.06 0.00	48.97 3.43 0.00	40.02 2.65 0.00	34.42 2.07 0.00
NYPA__HOLTSVILL 23794	35.81 3.20 0.00	42.08 2.83 -9.15	31.87 2.60 0.00	30.72 2.47 0.00	31.80 2.70 0.00	33.29 2.83 0.00	37.66 3.37 0.00	34.34 3.06 0.00	31.62 2.87 0.00	27.61 2.21 0.00	27.02 2.41 0.00	26.90 2.54 0.00	26.91 2.55 0.00	27.06 2.49 0.00	24.94 2.39 0.00	29.35 2.99 0.00	31.44 3.33 0.00	35.39 3.63 0.00	47.06 4.54 0.00	51.73 4.81 0.00	56.10 5.15 0.00	49.88 4.33 0.00	40.90 3.53 0.00	35.10 2.75 0.00
NYPA__HELLGATE_GT1 24158	34.86 2.25 0.00	32.13 2.04 0.00	31.15 1.88 0.00	30.06 1.80 0.00	30.99 1.90 0.00	32.49 2.03 0.00	36.75 2.46 0.00	33.76 2.48 0.00	31.20 2.46 0.00	27.69 2.28 0.00	26.85 2.24 0.00	26.60 2.24 0.00	26.58 2.21 0.00	26.87 2.30 0.00	24.70 2.16 0.00	28.91 2.56 0.00	30.81 2.70 0.00	34.58 2.82 0.00	45.76 3.23 0.00	50.43 3.51 0.00	54.84 3.90 0.00	48.80 3.25 0.00	39.92 2.55 0.00	34.35 2.00 0.00

NYPA_____HELLGATE_GT2 24159	34.86	32.13	31.15	30.06	30.99	32.49	36.75	33.76	31.20	27.69	26.85	26.60	26.58	26.87	24.70	28.91	30.81	34.58	45.76	50.43	54.84	48.80	39.92	34.35
	2.25	2.04	1.88	1.80	1.90	2.03	2.46	2.48	2.46	2.28	2.24	2.24	2.21	2.30	2.16	2.56	2.70	2.82	3.23	3.51	3.90	3.25	2.55	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	29.38	27.40	27.01	26.16	25.42	16.19	20.25	16.67	25.10	23.36	22.57	22.22	22.09	22.20	20.34	22.03	23.54	22.85	25.70	29.38	32.80	30.97	24.53	19.80
	-2.90	-2.55	-2.26	-2.09	-2.13	-1.98	-2.64	-1.98	-2.06	-2.00	-2.04	-2.14	-2.28	-2.38	-2.20	-2.87	-2.97	-3.03	-4.30	-4.91	-5.50	-4.53	-3.43	-2.83
	0.33	0.16	0.00	0.00	1.54	12.28	11.41	12.62	1.59	0.05	0.00	0.00	0.00	0.00	0.00	1.46	1.60	5.89	12.52	12.63	12.64	10.05	9.42	9.71
OAK ORCHARD____HYD 24046	31.31	28.97	28.25	27.30	27.90	27.72	31.38	28.48	27.58	24.51	23.70	23.34	23.26	23.45	21.52	25.02	26.75	30.37	40.67	44.90	48.70	43.64	35.81	31.07
	-1.25	-1.11	-1.02	-0.95	-0.97	-0.93	-1.24	-0.94	-0.94	-0.89	-0.91	-1.02	-1.11	-1.13	-1.03	-1.34	-1.36	-1.39	-1.86	-2.02	-2.24	-1.91	-1.56	-1.28
	0.05	0.02	0.00	0.00	0.23	1.81	1.68	1.86	0.23	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	32.79	30.18	29.30	28.29	29.42	32.68	36.31	33.54	29.06	25.41	24.60	24.37	24.39	24.59	22.56	26.57	28.10	31.78	42.52	46.95	50.97	45.57	37.37	32.30
	0.12	0.05	0.02	0.04	0.06	0.12	0.06	0.09	0.04	-0.01	-0.01	0.02	0.03	0.02	0.02	-0.01	-0.01	0.02	-0.01	0.04	0.02	0.02	-0.01	-0.05
	-0.06	-0.03	0.00	0.00	-0.26	-2.10	-1.95	-2.16	-0.27	-0.01	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OCC_CHEM____DRP 24175	28.90	27.01	26.62	25.77	24.86	14.60	18.67	14.99	24.63	23.13	22.40	22.02	21.89	21.98	20.12	21.58	23.05	21.78	23.81	27.45	30.84	29.18	22.80	18.20
	-3.35	-2.92	-2.66	-2.48	-2.56	-2.46	-3.17	-2.52	-2.39	-2.23	-2.21	-2.34	-2.48	-2.59	-2.43	-3.15	-3.28	-3.44	-4.80	-5.43	-6.06	-5.21	-4.11	-3.36
	0.36	0.17	0.00	0.00	1.68	13.40	12.44	13.77	1.74	0.05	0.00	0.00	0.00	0.00	0.00	1.63	1.78	6.54	13.91	14.03	14.04	11.16	10.46	10.79
OH_GEN_PROXY 24063	29.23	27.27	26.83	25.97	25.25	16.29	20.31	15.42	25.05	23.34	22.55	22.22	22.11	22.22	20.35	22.10	23.57	22.90	26.05	29.76	33.13	31.06	24.48	19.85
	-2.06	-2.68	-2.44	-2.28	-2.36	-2.31	-2.96	-2.28	-2.17	-2.02	-2.06	-2.14	-2.25	-2.36	-2.19	-2.85	-3.00	-3.20	-4.43	-5.02	-5.66	-4.83	-3.84	-3.16
	0.32	0.15	0.00	0.00	1.49	11.86	11.02	13.59	1.54	0.04	0.00	0.00	0.00	0.00	0.00	1.41	1.54	5.66	12.04	12.15	12.15	9.66	9.06	9.34
OLIN_CORP_DRP 24177	28.85	26.96	26.65	25.82	24.88	14.35	18.46	14.72	24.57	23.05	22.27	21.94	21.81	21.90	20.06	21.55	23.04	21.85	23.76	27.25	30.63	29.17	23.03	18.37
	-3.39	-2.96	-2.63	-2.43	-2.50	-2.40	-3.10	-2.47	-2.41	-2.31	-2.34	-2.42	-2.55	-2.67	-2.48	-3.18	-3.32	-3.43	-4.97	-5.76	-6.39	-5.31	-3.97	-3.28
	0.37	0.17	0.00	0.00	1.72	13.71	12.74	14.09	1.78	0.05	0.00	0.00	0.00	0.00	0.00	1.63	1.76	6.49	13.79	13.91	13.92	11.06	10.37	10.70
OLIN_CORP_DSASP 323712	28.90	27.01	26.62	25.77	24.86	14.60	18.67	14.99	24.63	23.13	22.40	22.02	21.89	21.98	20.12	21.58	23.05	21.78	23.81	27.45	30.84	29.18	22.80	18.20
	-3.35	-2.92	-2.66	-2.48	-2.56	-2.46	-3.17	-2.52	-2.39	-2.23	-2.21	-2.34	-2.48	-2.59	-2.43	-3.15	-3.28	-3.44	-4.80	-5.43	-6.06	-5.21	-4.11	-3.36
	0.36	0.17	0.00	0.00	1.68	13.40	12.44	13.77	1.74	0.05	0.00	0.00	0.00	0.00	0.00	1.63	1.78	6.54	13.91	14.03	14.04	11.16	10.46	10.79
ONEIDA_HERK_LFGE 323681	33.26	30.70	29.71	28.64	29.47	31.00	34.89	31.52	28.77	25.33	24.48	24.22	24.23	24.44	22.45	26.28	28.08	31.89	43.09	47.93	52.47	46.97	38.52	33.16
	0.65	0.60	0.43	0.39	0.38	0.54	0.60	0.23	0.02	-0.08	-0.13	-0.14	-0.14	-0.13	-0.09	-0.08	-0.03	0.12	0.57	1.01	1.53	1.43	1.15	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	33.38	30.79	29.88	28.81	29.69	31.16	35.03	31.70	28.92	25.48	24.66	24.41	24.42	24.65	22.65	26.50	28.30	32.12	43.30	48.02	52.36	46.81	38.35	33.09
	0.77	0.69	0.61	0.56	0.60	0.70	0.73	0.42	0.18	0.07	0.05	0.05	0.06	0.07	0.10	0.14	0.19	0.35	0.78	1.10	1.42	1.26	0.97	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA_REF_OCCRA 23987	32.48	29.95	29.12	28.10	28.97	30.33	34.05	31.04	28.44	25.09	24.31	24.03	24.07	24.27	22.28	26.02	27.77	31.42	42.10	46.52	50.57	45.21	37.13	32.19
	-0.13	-0.14	-0.15	-0.15	-0.12	-0.12	-0.24	-0.24	-0.31	-0.32	-0.30	-0.33	-0.30	-0.30	-0.27	-0.34	-0.35	-0.34	-0.43	-0.40	-0.37	-0.33	-0.25	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONONDAGA____COGEN 23986	32.44	29.92	29.10	28.08	28.94	30.28	34.02	30.97	28.39	25.04	24.26	23.99	24.00	24.23	22.21	25.97	27.72	31.35	42.00	46.42	50.45	45.13	37.06	32.14
	-0.17	-0.17	-0.18	-0.17	-0.16	-0.17	-0.28	-0.31	-0.36	-0.36	-0.35	-0.37	-0.36	-0.35	-0.33	-0.39	-0.39	-0.41	-0.52	-0.50	-0.49	-0.42	-0.32	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONTARIO____LFGE 23819	32.46	29.78	28.84	27.87	29.56	36.94	40.17	37.85	29.13	24.89	24.04	23.70	23.65	23.90	21.97	26.49	28.31	34.47	48.97	53.52	57.48	50.68	42.18	37.36
	-0.33	-0.40	-0.44	-0.38	-0.38	-0.26	-0.40	-0.37	-0.50	-0.54	-0.57	-0.66	-0.71	-0.67	-0.58	-0.71	-0.71	-0.64	-0.68	-0.58	-0.65	-0.58	-0.54	-0.51
	-0.18	-0.08	0.00	0.00	-0.84	-6.75	-6.27	-6.94	-0.87	-0.02	0.00	0.00	0.00	0.00	0.00	-0.84	-0.91	-3.35	-7.12	-7.18	-7.19	-5.71	-5.36	-5.52
ORANGEVILLE_WT_PWR 323706	29.20	27.34	26.99	26.08	21.72	-12.63	-6.40	-12.99	21.37	23.43	22.82	22.49	22.41	22.58	20.76	19.08	19.48	6.38	-9.52	-5.90	-2.43	2.77	-2.39	-8.19
	-2.31	-2.24	-2.28	-2.17	-2.25	-2.11	-2.62	-2.15	-2.07	-1.83	-1.79	-1.87	-1.96	-1.99	-1.78	-2.26	-2.40	-2.45	-3.28	-3.63	-4.14	-3.67	-3.09	-2.72
	1.10	0.52	0.01	0.00	5.13	40.98	38.07	42.12	5.31	0.15	0.00	0.00	0.00	0.00	0.00	5.02	6.23	22.93	48.76	49.19	49.22	39.11	36.68	37.82
ORANGEVILLE____ESR 323794	29.20	27.34	26.99	26.08	21.72	-12.63	-6.40	-12.99	21.37	23.43	22.82	22.49	22.41	22.58	20.76	19.08	19.48	6.38	-9.52	-5.90	-2.43	2.77	-2.39	-8.19
	-2.31	-2.24	-2.28	-2.17	-2.25	-2.11	-2.62	-2.15	-2.07	-1.83	-1.79	-1.87	-1.96	-1.99	-1.78	-2.26	-2.40	-2.45	-3.28	-3.63	-4.14	-3.67	-3.09	-2.72
	1.10	0.52	0.01	0.00	5.13	40.98	38.07	42.12	5.31	0.15	0.00	0.00	0.00	0.00	0.00	5.02	6.23	22.93	48.76	49.19	49.22	39.11	36.68	37.82

OSWEGATCHIE___HYD 24044	32.17 -0.44 0.00	29.73 -0.37 0.00	28.81 -0.47 0.00	27.77 -0.49 0.00	28.51 -0.58 0.00	30.01 -0.45 0.00	33.83 -0.46 0.00	30.59 -0.69 0.00	28.06 -0.68 0.00	24.71 -0.69 0.00	23.85 -0.76 0.00	23.57 -0.79 0.00	23.55 -0.82 0.00	23.73 -0.84 0.00	21.75 -0.79 0.00	25.44 -0.92 0.00	27.18 -0.93 0.00	30.66 -1.11 0.00	41.33 -1.20 0.00	45.93 -0.98 0.00	50.52 -0.42 0.00	45.44 -0.11 0.00	37.47 0.10 0.00	32.25 -0.10 0.00
OSWEGO___5 23606	31.91 -0.69 0.00	29.45 -0.65 0.00	28.63 -0.64 0.00	27.64 -0.61 0.00	28.48 -0.61 0.00	29.79 -0.67 0.00	33.45 -0.84 0.00	30.50 -0.78 0.00	27.99 -0.76 0.00	24.72 -0.69 0.00	23.94 -0.67 0.00	23.68 -0.68 0.00	23.68 -0.68 0.00	23.89 -0.68 0.00	21.90 -0.64 0.00	25.58 -0.78 0.00	27.29 -0.82 0.00	30.86 -0.91 0.00	41.29 -1.24 0.00	45.61 -1.31 0.00	49.56 -1.38 0.00	44.33 -1.22 0.00	36.45 -0.92 0.00	31.64 -0.71 0.00
OSWEGO___6 23613	31.91 -0.69 0.00	29.45 -0.65 0.00	28.63 -0.64 0.00	27.64 -0.61 0.00	28.48 -0.61 0.00	29.79 -0.67 0.00	33.45 -0.84 0.00	30.50 -0.78 0.00	27.99 -0.76 0.00	24.72 -0.69 0.00	23.94 -0.67 0.00	23.68 -0.68 0.00	23.68 -0.68 0.00	23.89 -0.68 0.00	21.90 -0.64 0.00	25.58 -0.78 0.00	27.29 -0.82 0.00	30.86 -0.91 0.00	41.29 -1.24 0.00	45.61 -1.31 0.00	49.56 -1.38 0.00	44.33 -1.22 0.00	36.45 -0.92 0.00	31.64 -0.71 0.00
OUTOKUMPU-AB___DRP 24206	29.69 -2.54 0.39	27.70 -2.22 0.18	27.26 -2.01 0.00	26.40 -1.86 0.00	25.36 -1.92 1.81	14.14 -1.81 14.50	18.41 -2.41 13.47	14.55 -1.82 14.91	25.13 -1.74 1.88	23.70 -1.66 0.05	22.99 -1.62 0.00	22.56 -1.80 0.00	22.44 -1.93 0.00	22.57 -2.00 0.00	20.63 -1.91 0.00	22.06 -2.57 1.73	23.54 -2.70 1.88	22.09 -2.77 6.91	23.91 -3.93 14.69	27.64 -4.46 14.81	31.12 -5.00 14.82	29.55 -4.21 11.78	23.04 -3.29 11.04	18.23 -2.73 11.39
OXBOW___BTM 323836	29.16 -3.09 0.36	27.25 -2.68 0.17	26.84 -2.43 0.00	25.99 -2.27 0.00	25.11 -2.31 1.68	14.92 -2.15 13.40	19.01 -2.84 12.44	15.40 -2.11 13.77	24.88 -2.14 1.74	23.34 -2.02 0.05	22.59 -2.02 0.00	22.15 -2.21 0.00	22.03 -2.34 0.00	22.12 -2.45 0.00	20.38 -2.16 0.00	21.92 -2.76 1.68	23.42 -2.87 1.83	22.09 -2.94 6.73	24.13 -4.09 14.30	27.84 -4.65 14.43	31.25 -5.25 14.44	29.62 -4.45 11.47	23.12 -3.49 10.76	18.38 -2.87 11.09
OXBOW___ 24026	29.16 -3.09 0.36	27.25 -2.68 0.17	26.84 -2.43 0.00	25.99 -2.26 0.00	25.10 -2.32 1.68	14.85 -2.21 13.40	18.95 -2.90 12.44	15.25 -2.26 13.77	24.87 -2.15 1.74	23.33 -2.02 0.05	22.58 -2.02 0.00	22.15 -2.21 0.00	22.02 -2.34 0.00	22.11 -2.46 0.00	20.37 -2.18 0.00	21.92 -2.77 1.68	23.40 -2.89 1.83	22.05 -2.99 6.73	24.02 -4.21 14.30	27.72 -4.77 14.43	31.17 -5.34 14.44	29.54 -4.54 11.47	23.05 -3.56 10.76	18.33 -2.93 11.09
OXY_CHEM_DSASP 323612	28.90 -3.35 0.36	27.01 -2.92 0.17	26.62 -2.66 0.00	25.77 -2.48 0.00	24.86 -2.56 1.68	14.60 -2.46 13.40	18.67 -3.17 12.44	14.99 -2.52 13.77	24.63 -2.39 1.74	23.13 -2.23 0.05	22.40 -2.21 0.00	22.02 -2.34 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.12 -2.43 0.00	21.58 -3.15 1.63	23.05 -3.28 1.78	21.78 -3.44 6.54	23.81 -4.80 13.91	27.45 -5.43 14.03	30.84 -6.06 14.04	29.18 -5.21 11.16	22.80 -4.11 10.46	18.20 -3.36 10.79
OZONE_PARK_ESR 323760	35.11 2.49 0.00	32.34 2.25 0.00	31.41 2.13 0.00	30.28 2.03 0.00	31.23 2.13 0.00	32.75 2.30 0.00	37.04 2.75 0.00	34.02 2.74 0.00	31.44 2.69 0.00	27.90 2.49 0.00	27.07 2.47 0.00	26.84 2.48 0.00	26.82 2.45 0.00	27.11 2.53 0.00	24.91 2.36 0.00	29.22 2.86 0.00	31.16 3.05 0.00	34.96 3.20 0.00	46.40 3.88 0.00	50.97 4.05 0.00	55.44 4.50 0.00	49.35 3.81 0.00	40.31 2.94 0.00	34.62 2.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.90 -3.35 0.36	27.01 -2.92 0.17	26.62 -2.66 0.00	25.77 -2.48 0.00	24.86 -2.56 1.68	14.60 -2.46 13.40	18.67 -3.17 12.44	14.99 -2.52 13.77	24.63 -2.39 1.74	23.13 -2.23 0.05	22.40 -2.21 0.00	22.02 -2.34 0.00	21.89 -2.48 0.00	21.98 -2.59 0.00	20.12 -2.43 0.00	21.58 -3.15 1.63	23.05 -3.28 1.78	21.78 -3.44 6.54	23.81 -4.80 13.91	27.45 -5.43 14.03	30.84 -6.06 14.04	29.18 -5.21 11.16	22.80 -4.11 10.46	18.20 -3.36 10.79
PACKARD___115KV_DUPONT_184 80571	28.91 -3.34 0.36	27.02 -2.91 0.17	26.62 -2.66 0.00	25.77 -2.48 0.00	24.88 -2.54 1.68	14.66 -2.40 13.40	18.73 -3.12 12.44	15.13 -2.38 13.77	24.64 -2.37 1.74	23.13 -2.23 0.05	22.40 -2.21 0.00	22.01 -2.35 0.00	21.90 -2.47 0.00	21.99 -2.58 0.00	20.13 -2.41 0.00	21.60 -3.14 1.63	23.07 -3.27 1.78	21.83 -3.39 6.54	23.93 -4.69 13.91	27.59 -5.30 14.03	30.92 -5.98 14.04	29.28 -5.12 11.16	22.87 -4.04 10.46	18.26 -3.30 10.79
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.88 2.27 0.00	32.14 2.04 0.00	31.17 1.89 0.00	30.06 1.81 0.00	31.00 1.91 0.00	32.51 2.06 0.00	36.74 2.45 0.00	33.77 2.49 0.00	31.18 2.43 0.00	27.68 2.27 0.00	26.84 2.24 0.00	26.60 2.24 0.00	26.58 2.22 0.00	26.87 2.30 0.00	24.70 2.16 0.00	28.93 2.57 0.00	30.84 2.72 0.00	34.62 2.86 0.00	45.87 3.34 0.00	50.57 3.66 0.00	54.97 4.03 0.00	48.93 3.38 0.00	40.00 2.63 0.00	34.41 2.06 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.23 2.62 0.00	32.46 2.36 0.00	31.54 2.26 0.00	30.43 2.18 0.00	31.40 2.30 0.00	32.93 2.47 0.00	36.97 2.67 0.00	33.93 2.65 0.00	31.35 2.60 0.00	27.79 2.39 0.00	26.96 2.35 0.00	26.69 2.34 0.00	26.69 2.32 0.00	26.96 2.38 0.00	24.79 2.24 0.00	29.02 2.67 0.00	30.93 2.81 0.00	34.72 2.96 0.00	45.98 3.45 0.00	50.65 3.74 0.00	55.35 4.41 0.00	49.31 3.76 0.00	40.33 2.96 0.00	34.70 2.35 0.00
PATROON___115KV_TB1 80586	33.46 0.84 0.00	30.88 0.79 0.00	30.04 0.77 0.00	28.98 0.72 0.00	29.84 0.74 0.00	31.21 0.75 0.00	35.15 0.86 0.00	31.96 0.67 0.00	29.17 0.42 0.00	25.90 0.49 0.00	25.11 0.50 0.00	24.90 0.54 0.00	24.92 0.55 0.00	25.14 0.56 0.00	23.13 0.58 0.00	27.18 0.83 0.00	28.93 0.83 0.00	32.64 0.87 0.00	43.68 1.16 0.00	48.10 1.18 0.00	52.37 1.43 0.00	46.89 1.35 0.00	38.47 1.10 0.00	33.45 1.10 0.00
PATTRSNVILLE___SOLAR 323815	33.72 1.11 0.00	31.11 1.02 0.00	30.26 0.98 0.00	29.20 0.94 0.00	30.10 1.00 0.00	31.52 1.07 0.00	35.47 1.18 0.00	32.08 0.80 0.00	29.19 0.44 0.00	25.73 0.32 0.00	24.90 0.29 0.00	24.68 0.32 0.00	24.71 0.35 0.00	24.93 0.36 0.00	22.92 0.37 0.00	26.88 0.52 0.00	28.70 0.58 0.00	32.53 0.76 0.00	43.78 1.26 0.00	48.53 1.61 0.00	52.89 1.95 0.00	47.31 1.76 0.00	38.74 1.37 0.00	33.48 1.13 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.64 -2.54 0.43	27.63 -2.27 0.20	27.13 -2.15 0.00	26.26 -1.99 0.00	25.05 -2.04 2.01	12.43 -1.95 16.07	16.81 -2.55 14.93	12.83 -1.93 16.52	24.90 -1.77 2.08	23.69 -1.66 0.06	22.90 -1.71 0.00	22.60 -1.76 0.00	22.50 -1.87 0.00	22.63 -1.94 0.00	20.73 -1.81 0.00	22.16 -2.41 1.79	23.71 -2.62 1.77	22.59 -2.64 6.53	24.89 -3.76 13.88	28.68 -4.23 14.00	32.09 -4.84 14.02	30.28 -4.13 11.14	23.66 -3.27 10.44	18.83 -2.75 10.77

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.82 2.21 0.00	32.07 1.97 0.00	31.14 1.87 0.00	30.04 1.79 0.00	30.99 1.90 0.00	32.50 2.04 0.00	36.75 2.46 0.00	33.67 2.39 0.00	30.99 2.23 0.00	27.45 2.04 0.00	26.63 2.02 0.00	26.38 2.02 0.00	26.40 2.03 0.00	26.66 2.09 0.00	24.52 1.98 0.00	28.79 2.43 0.00	30.74 2.63 0.00	34.59 2.83 0.00	46.02 3.49 0.00	50.60 3.68 0.00	55.05 4.10 0.00	49.06 3.51 0.00	40.06 2.69 0.00	34.44 2.09 0.00
PEEKSKILL____ 23653	34.66 2.05 0.00	31.94 1.84 0.00	31.01 1.73 0.00	29.90 1.64 0.00	30.84 1.75 0.00	32.35 1.89 0.00	36.60 2.30 0.00	33.51 2.23 0.00	30.90 2.15 0.00	27.38 1.98 0.00	26.58 1.97 0.00	26.34 1.98 0.00	26.35 1.98 0.00	26.60 2.03 0.00	24.46 1.91 0.00	28.70 2.35 0.00	30.64 2.53 0.00	34.43 2.67 0.00	45.78 3.25 0.00	50.33 3.41 0.00	54.76 3.82 0.00	48.79 3.24 0.00	39.85 2.47 0.00	34.26 1.91 0.00
PGE MADISON__WINDPWR 24146	34.56 1.89 -0.07	31.64 1.51 -0.03	30.72 1.45 0.00	29.72 1.47 0.00	31.16 1.75 -0.31	34.95 1.99 -2.50	38.63 2.01 -2.33	35.32 1.47 -2.57	30.04 0.96 -0.32	25.82 0.40 -0.01	24.93 0.33 0.00	24.75 0.39 0.00	24.81 0.44 0.00	25.09 0.52 0.00	23.10 0.55 0.00	27.41 0.75 -0.30	29.42 0.99 -0.31	34.40 1.48 -1.15	47.54 2.56 -2.45	52.83 3.44 -2.47	57.25 3.83 -2.48	50.80 3.29 -1.97	41.57 2.36 -1.84	36.04 1.79 -1.90
PIERCEFIELD__HYD 23852	32.01 -0.60 0.00	29.61 -0.49 0.00	28.81 -0.46 0.00	27.80 -0.45 0.00	28.56 -0.54 0.00	29.96 -0.49 0.00	33.83 -0.47 0.00	30.72 -0.56 0.00	28.29 -0.46 0.00	24.90 -0.50 0.00	24.02 -0.59 0.00	23.71 -0.65 0.00	23.65 -0.71 0.00	23.83 -0.75 0.00	21.81 -0.74 0.00	25.49 -0.87 0.00	27.23 -0.88 0.00	30.55 -1.22 0.00	41.14 -1.39 0.00	45.56 -1.36 0.00	49.92 -1.03 0.00	44.97 -0.58 0.00	37.16 -0.21 0.00	32.05 -0.30 0.00
PINELAWN_CC_1 323563	35.54 2.93 0.00	33.42 2.57 -0.76	31.64 2.37 0.00	30.50 2.25 0.00	31.53 2.44 0.00	33.07 2.61 0.00	37.44 3.14 0.00	34.23 2.94 0.00	31.48 2.74 0.00	27.58 2.18 0.00	26.94 2.33 0.00	26.79 2.43 0.00	26.76 2.40 0.00	26.91 2.34 0.00	24.81 2.26 0.00	29.19 2.83 0.00	31.33 3.22 0.00	35.17 3.41 0.00	46.88 4.36 0.00	51.53 4.61 0.00	55.93 4.99 0.00	49.77 4.22 0.00	40.74 3.37 0.00	34.92 2.56 0.00
PJM_GEN_HTP_PROXY 323702	34.83 2.21 0.00	32.10 2.00 0.00	31.17 1.90 0.00	30.06 1.81 0.00	31.01 1.91 0.00	32.51 2.05 0.00	36.76 2.47 0.00	33.74 2.46 0.00	31.21 2.46 0.00	27.71 2.30 0.00	26.89 2.29 0.00	26.65 2.29 0.00	26.45 2.27 0.18	26.93 2.36 0.00	24.74 2.20 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.70 2.93 0.00	46.05 3.52 0.00	50.58 3.66 0.00	55.00 4.06 0.00	48.96 3.42 0.00	39.99 2.62 0.00	34.36 2.01 0.00
PJM_GEN_KEystone 24065	24.89 -1.53 6.20	28.59 -1.41 0.10	27.93 -1.34 0.00	27.02 -1.23 0.00	24.83 -1.29 2.98	21.23 -1.26 7.97	25.24 -1.65 7.40	21.91 -1.18 8.19	26.69 -1.03 1.03	24.46 -0.92 0.03	23.70 -0.91 0.00	23.45 -0.91 0.00	23.23 -0.95 0.18	23.60 -0.97 0.00	21.67 -0.87 0.00	24.21 -1.21 0.94	25.79 -1.43 0.89	26.90 -1.57 3.29	33.24 -2.29 7.00	37.30 -2.56 7.06	40.88 -2.99 7.07	37.36 -2.57 5.61	25.88 -2.10 9.39	24.04 -1.86 6.45
PJM_GEN_NEPTUNE_PROXY 323594	35.06 2.45 0.00	32.26 2.16 0.00	31.26 1.98 0.00	30.14 1.89 0.00	31.15 2.05 0.00	32.65 2.20 0.00	36.96 2.67 0.00	33.78 2.50 0.00	31.14 2.39 0.00	27.36 1.96 0.00	26.73 2.12 0.00	26.57 2.21 0.00	26.37 2.19 0.18	26.73 2.16 0.00	24.63 2.08 0.00	28.95 2.59 0.00	30.99 2.87 0.00	34.78 3.02 0.00	46.25 3.73 0.00	50.81 3.89 0.00	55.18 4.24 0.00	49.12 3.57 0.00	40.21 2.83 0.00	34.49 2.14 0.00
PJM_GEN_VFT_PROXY 323633	34.76 2.15 0.00	32.03 1.93 0.00	31.10 1.83 0.00	30.00 1.75 0.00	30.94 1.84 0.00	32.44 1.98 0.00	36.69 2.40 0.00	33.66 2.37 0.00	31.14 2.39 0.00	27.65 2.24 0.00	26.82 2.22 0.00	26.58 2.23 0.00	26.38 2.20 0.18	26.86 2.28 0.00	24.68 2.14 0.00	28.94 2.58 0.00	30.87 2.76 0.00	34.63 2.87 0.00	45.96 3.44 0.00	50.50 3.58 0.00	54.90 3.95 0.00	48.87 3.33 0.00	39.91 2.54 0.00	34.26 1.91 0.00
PLATSBURG_115KV_PMLD1 355749	32.93 0.32 0.00	30.43 0.33 0.00	29.64 0.37 0.00	28.59 0.34 0.00	29.39 0.29 0.00	30.84 0.38 0.00	34.82 0.53 0.00	31.75 0.47 0.00	29.14 0.39 0.00	25.74 0.33 0.00	24.85 0.25 0.00	24.54 0.18 0.00	24.52 0.15 0.00	24.82 0.24 0.00	22.73 0.18 0.00	26.57 0.21 0.00	28.33 0.21 0.00	32.15 0.39 0.00	43.22 0.70 0.00	47.58 0.66 0.00	51.65 0.71 0.00	46.24 0.69 0.00	38.05 0.68 0.00	32.79 0.44 0.00
PLEASANTVLY__LBMP 24000	34.43 1.82 0.00	31.73 1.63 0.00	30.83 1.55 0.00	29.73 1.48 0.00	30.67 1.57 0.00	32.14 1.68 0.00	36.32 2.03 0.00	33.26 1.98 0.00	30.58 1.83 0.00	27.09 1.68 0.00	26.31 1.70 0.00	26.07 1.71 0.00	26.09 1.73 0.00	26.33 1.76 0.00	24.21 1.66 0.00	28.41 2.05 0.00	30.32 2.21 0.00	34.11 2.34 0.00	45.39 2.87 0.00	49.93 3.01 0.00	54.34 3.40 0.00	48.46 2.91 0.00	39.60 2.23 0.00	34.08 1.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.81 2.20 0.00	32.08 1.98 0.00	31.15 1.87 0.00	30.03 1.78 0.00	30.98 1.89 0.00	32.49 2.04 0.00	36.72 2.43 0.00	33.66 2.37 0.00	31.02 2.27 0.00	27.49 2.08 0.00	26.69 2.09 0.00	26.45 2.09 0.00	26.47 2.10 0.00	26.71 2.14 0.00	24.56 2.01 0.00	28.82 2.47 0.00	30.78 2.67 0.00	34.58 2.82 0.00	45.97 3.44 0.00	50.51 3.59 0.00	54.98 4.04 0.00	48.98 3.44 0.00	40.03 2.66 0.00	34.41 2.06 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.81 2.20 0.00	32.08 1.98 0.00	31.15 1.87 0.00	30.03 1.78 0.00	30.98 1.89 0.00	32.49 2.04 0.00	36.72 2.43 0.00	33.66 2.37 0.00	31.02 2.27 0.00	27.49 2.08 0.00	26.69 2.09 0.00	26.45 2.09 0.00	26.47 2.10 0.00	26.71 2.14 0.00	24.56 2.01 0.00	28.82 2.47 0.00	30.78 2.67 0.00	34.58 2.82 0.00	45.97 3.44 0.00	50.51 3.59 0.00	54.98 4.04 0.00	48.98 3.44 0.00	40.03 2.66 0.00	34.41 2.06 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.65 2.04 0.00	31.92 1.82 0.00	31.01 1.74 0.00	29.90 1.65 0.00	30.84 1.75 0.00	32.33 1.87 0.00	36.55 2.25 0.00	33.45 2.17 0.00	30.73 1.98 0.00	27.19 1.78 0.00	26.37 1.76 0.00	26.11 1.75 0.00	26.14 1.77 0.00	26.39 1.82 0.00	24.27 1.72 0.00	28.49 2.13 0.00	30.43 2.31 0.00	34.26 2.50 0.00	45.63 3.11 0.00	50.25 3.33 0.00	54.70 3.76 0.00	48.78 3.24 0.00	39.85 2.48 0.00	34.30 1.95 0.00
POLETTI____ 23519	34.85 2.24 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.94 0.00	32.53 2.08 0.00	36.77 2.48 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.64 2.27 0.00	26.92 2.34 0.00	24.74 2.20 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.70 2.93 0.00	46.05 3.52 0.00	50.58 3.66 0.00	55.01 4.07 0.00	48.97 3.43 0.00	40.00 2.63 0.00	34.38 2.03 0.00

POMONA___ESR 323819	34.69 2.08 0.00	31.97 1.87 0.00	31.03 1.75 0.00	29.91 1.67 0.00	30.87 1.78 0.00	32.39 1.93 0.00	36.64 2.34 0.00	33.55 2.27 0.00	30.94 2.19 0.00	27.41 2.01 0.00	26.60 1.99 0.00	26.37 2.01 0.00	26.38 2.02 0.00	26.64 2.06 0.00	24.50 1.95 0.00	28.75 2.39 0.00	30.70 2.59 0.00	34.51 2.74 0.00	45.88 3.35 0.00	50.44 3.52 0.00	54.89 3.95 0.00	48.91 3.36 0.00	39.95 2.57 0.00	34.33 1.98 0.00
PORT_JEFF_3 23555	35.87 3.26 0.00	41.95 2.88 -8.97	31.92 2.64 0.00	30.76 2.51 0.00	31.84 2.75 0.00	33.34 2.88 0.00	37.72 3.43 0.00	34.39 3.10 0.00	31.66 2.91 0.00	27.61 2.20 0.00	27.04 2.44 0.00	26.93 2.57 0.00	26.96 2.59 0.00	27.10 2.52 0.00	24.98 2.43 0.00	29.40 3.04 0.00	31.51 3.40 0.00	35.48 3.72 0.00	47.18 4.66 0.00	51.87 4.95 0.00	56.25 5.31 0.00	50.01 4.46 0.00	41.00 3.62 0.00	35.17 2.82 0.00
PORT_JEFF_4 23616	35.87 3.26 0.00	41.95 2.88 -8.97	31.92 2.64 0.00	30.76 2.51 0.00	31.84 2.75 0.00	33.34 2.88 0.00	37.72 3.43 0.00	34.39 3.10 0.00	31.66 2.91 0.00	27.61 2.20 0.00	27.04 2.44 0.00	26.93 2.57 0.00	26.96 2.59 0.00	27.10 2.52 0.00	24.98 2.43 0.00	29.40 3.04 0.00	31.51 3.40 0.00	35.48 3.72 0.00	47.18 4.66 0.00	51.87 4.95 0.00	56.25 5.31 0.00	50.01 4.46 0.00	41.00 3.62 0.00	35.17 2.82 0.00
PORT_JEFF_IC 23713	35.91 3.29 0.00	41.51 2.91 -8.50	31.94 2.67 0.00	30.78 2.53 0.00	31.87 2.78 0.00	33.38 2.92 0.00	37.76 3.46 0.00	34.43 3.15 0.00	31.68 2.93 0.00	27.53 2.13 0.00	27.04 2.44 0.00	26.94 2.58 0.00	26.98 2.61 0.00	27.12 2.55 0.00	25.00 2.45 0.00	29.43 3.07 0.00	31.56 3.44 0.00	35.54 3.78 0.00	47.25 4.73 0.00	51.94 5.02 0.00	56.32 5.38 0.00	50.08 4.53 0.00	41.05 3.68 0.00	35.22 2.87 0.00
PPL PILGRIM_ST_GT1 24216	35.80 3.19 0.00	35.13 2.82 -2.22	31.87 2.60 0.00	30.72 2.46 0.00	31.77 2.67 0.00	33.30 2.84 0.00	37.69 3.40 0.00	34.41 3.13 0.00	31.67 2.93 0.00	27.70 2.29 0.00	27.07 2.47 0.00	26.95 2.59 0.00	26.94 2.57 0.00	27.07 2.50 0.00	24.96 2.41 0.00	29.36 3.00 0.00	31.50 3.39 0.00	35.42 3.66 0.00	47.16 4.64 0.00	51.84 4.92 0.00	56.23 5.29 0.00	50.02 4.47 0.00	40.96 3.59 0.00	35.11 2.76 0.00
PPL PILGRIM_ST_GT2 24217	35.80 3.19 0.00	35.13 2.82 -2.22	31.87 2.60 0.00	30.72 2.46 0.00	31.77 2.67 0.00	33.30 2.84 0.00	37.69 3.40 0.00	34.41 3.13 0.00	31.67 2.93 0.00	27.70 2.29 0.00	27.07 2.47 0.00	26.95 2.59 0.00	26.94 2.57 0.00	27.07 2.50 0.00	24.96 2.41 0.00	29.36 3.00 0.00	31.50 3.39 0.00	35.42 3.66 0.00	47.16 4.64 0.00	51.84 4.92 0.00	56.23 5.29 0.00	50.02 4.47 0.00	40.96 3.59 0.00	35.11 2.76 0.00
PPL_SHRM_GT3 24213	36.13 3.52 0.00	41.93 3.10 -8.73	32.14 2.86 0.00	30.97 2.72 0.00	32.13 3.03 0.00	33.55 3.10 0.00	37.93 3.64 0.00	34.48 3.20 0.00	31.79 3.05 0.00	27.74 2.33 0.00	27.12 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.20 2.62 0.00	25.08 2.54 0.00	29.54 3.18 0.00	31.69 3.58 0.00	35.69 3.93 0.00	47.45 4.93 0.00	52.21 5.29 0.00	56.53 5.59 0.00	50.24 4.69 0.00	41.26 3.89 0.00	35.46 3.11 0.00
PPL_SHRM_GT4 24214	36.13 3.52 0.00	41.93 3.10 -8.73	32.14 2.86 0.00	30.97 2.72 0.00	32.13 3.03 0.00	33.55 3.10 0.00	37.93 3.64 0.00	34.48 3.20 0.00	31.79 3.05 0.00	27.74 2.33 0.00	27.12 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.20 2.62 0.00	25.08 2.54 0.00	29.54 3.18 0.00	31.69 3.58 0.00	35.69 3.93 0.00	47.45 4.93 0.00	52.21 5.29 0.00	56.53 5.59 0.00	50.24 4.69 0.00	41.26 3.89 0.00	35.46 3.11 0.00
PROJECT___ORANGE 1 24174	32.28 -0.33 0.00	29.78 -0.32 0.00	28.95 -0.33 0.00	27.94 -0.32 0.00	28.79 -0.31 0.00	30.13 -0.32 0.00	33.83 -0.46 0.00	30.85 -0.44 0.00	28.29 -0.46 0.00	24.98 -0.43 0.00	24.20 -0.40 0.00	23.94 -0.42 0.00	23.95 -0.41 0.00	24.16 -0.41 0.00	22.17 -0.38 0.00	25.89 -0.47 0.00	27.62 -0.49 0.00	31.24 -0.52 0.00	41.83 -0.70 0.00	46.19 -0.73 0.00	50.19 -0.75 0.00	44.89 -0.66 0.00	36.87 -0.50 0.00	31.99 -0.36 0.00
PROJECT___ORANGE 2 24166	32.28 -0.33 0.00	29.78 -0.32 0.00	28.95 -0.33 0.00	27.94 -0.32 0.00	28.79 -0.31 0.00	30.13 -0.32 0.00	33.83 -0.46 0.00	30.85 -0.44 0.00	28.29 -0.46 0.00	24.98 -0.43 0.00	24.20 -0.40 0.00	23.94 -0.42 0.00	23.95 -0.41 0.00	24.16 -0.41 0.00	22.17 -0.38 0.00	25.89 -0.47 0.00	27.62 -0.49 0.00	31.24 -0.52 0.00	41.83 -0.70 0.00	46.19 -0.73 0.00	50.19 -0.75 0.00	44.89 -0.66 0.00	36.87 -0.50 0.00	31.99 -0.36 0.00
PUCKETT___SOLAR 323809	33.20 0.54 -0.05	30.54 0.42 -0.02	29.65 0.37 0.00	28.62 0.37 0.00	29.79 0.46 -0.22	32.83 0.58 -1.80	36.53 0.56 -1.67	33.55 0.42 -1.85	29.20 0.21 -0.23	25.45 0.04 -0.01	24.61 0.00 0.00	24.37 0.01 0.00	24.40 0.04 0.00	24.63 0.06 0.00	22.62 0.07 0.00	26.65 0.10 -0.20	28.31 0.20 0.00	32.13 0.37 0.00	43.13 0.60 0.00	47.75 0.83 0.00	51.87 0.93 0.00	46.35 0.80 0.00	37.95 0.58 0.00	32.75 0.40 0.00
PYRITES___HYD 24023	32.49 -0.13 0.00	30.06 -0.04 0.00	29.26 -0.02 0.00	28.25 0.00 0.00	29.01 -0.08 0.00	30.45 0.00 0.00	34.40 0.10 0.00	31.04 -0.24 0.00	28.52 -0.23 0.00	25.09 -0.32 0.00	24.20 -0.41 0.00	23.88 -0.48 0.00	23.82 -0.55 0.00	24.00 -0.58 0.00	21.96 -0.58 0.00	25.66 -0.69 0.00	27.42 -0.69 0.00	30.86 -0.90 0.00	41.56 -0.96 0.00	46.15 -0.77 0.00	50.85 -0.09 0.00	45.82 0.27 0.00	37.78 0.40 0.00	32.57 0.22 0.00
QUAKERRD_115KV_BK1 80622	30.96 -1.65 0.00	28.61 -1.49 0.00	27.87 -1.41 0.00	26.92 -1.33 0.00	27.73 -1.37 0.00	29.07 -1.39 0.00	32.58 -1.71 0.00	29.81 -1.47 0.00	27.36 -1.39 0.00	24.13 -1.27 0.00	23.34 -1.27 0.00	23.00 -1.35 0.00	22.95 -1.42 0.00	23.14 -1.44 0.00	21.21 -1.34 0.00	24.67 -1.69 0.00	26.38 -1.73 0.00	29.92 -1.85 0.00	40.06 -2.46 0.00	44.24 -2.68 0.00	48.00 -2.94 0.00	42.98 -2.57 0.00	35.28 -2.09 0.00	30.60 -1.75 0.00
QUENSBRY_115KV_TB8 356137	34.89 2.28 0.00	32.18 2.08 0.00	31.35 2.08 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.67 2.21 0.00	36.91 2.62 0.00	33.43 2.15 0.00	30.08 1.34 0.00	26.50 1.09 0.00	25.54 0.93 0.00	25.31 0.95 0.00	25.30 0.94 0.00	25.52 0.95 0.00	23.57 1.03 0.00	27.75 1.39 0.00	29.79 1.68 0.00	33.76 2.00 0.00	45.57 3.05 0.00	50.55 3.63 0.00	54.84 3.90 0.00	49.15 3.60 0.00	40.22 2.85 0.00	34.82 2.47 0.00
RAMAPO___LBMP 323565	34.57 1.96 0.00	31.85 1.75 0.00	30.92 1.65 0.00	29.81 1.56 0.00	30.76 1.66 0.00	32.28 1.82 0.00	36.51 2.22 0.00	33.44 2.16 0.00	30.81 2.06 0.00	27.30 1.90 0.00	26.50 1.89 0.00	26.26 1.90 0.00	26.28 1.91 0.00	26.52 1.95 0.00	24.39 1.85 0.00	28.62 2.26 0.00	30.57 2.46 0.00	34.36 2.60 0.00	45.70 3.17 0.00	50.23 3.32 0.00	54.68 3.74 0.00	48.73 3.18 0.00	39.80 2.43 0.00	34.22 1.87 0.00

RANKINE____ 23646	29.68 -2.46 0.47	27.67 -2.21 0.22	27.21 -2.06 0.00	26.33 -1.92 0.00	24.91 -2.01 2.18	11.11 -1.95 17.40	15.61 -2.53 16.16	11.47 -1.93 17.88	24.75 -1.74 2.25	23.71 -1.64 0.06	22.94 -1.66 0.00	22.63 -1.73 0.00	22.51 -1.85 0.00	22.66 -1.91 0.00	20.77 -1.78 0.00	21.88 -2.36 2.12	23.30 -2.54 2.27	20.75 -2.64 8.36	21.01 -3.74 17.78	24.76 -4.23 17.94	28.19 -4.80 17.95	27.18 -4.10 14.26	20.72 -3.28 13.38	15.78 -2.78 13.79
RAVENSWOOD_GT2_1 24244	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.94 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.19 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.70 2.94 0.00	46.05 3.53 0.00	50.59 3.67 0.00	55.01 4.07 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD_GT2_2 24245	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.94 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.19 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.70 2.94 0.00	46.05 3.53 0.00	50.59 3.67 0.00	55.01 4.07 0.00	48.98 3.43 0.00	40.01 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD_GT2_3 24246	34.86 2.25 0.00	32.13 2.03 0.00	31.21 1.94 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.54 2.09 0.00	36.80 2.50 0.00	33.78 2.50 0.00	31.22 2.47 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.66 2.30 0.00	26.64 2.28 0.00	26.93 2.35 0.00	24.75 2.20 0.00	29.02 2.66 0.00	30.95 2.84 0.00	34.72 2.96 0.00	46.07 3.55 0.00	50.61 3.69 0.00	55.04 4.10 0.00	49.00 3.46 0.00	40.03 2.66 0.00	34.40 2.05 0.00
RAVENSWOOD_GT2_4 24247	34.86 2.25 0.00	32.13 2.03 0.00	31.21 1.94 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.54 2.09 0.00	36.80 2.50 0.00	33.78 2.50 0.00	31.22 2.47 0.00	27.71 2.30 0.00	26.89 2.28 0.00	26.66 2.30 0.00	26.64 2.28 0.00	26.93 2.35 0.00	24.75 2.20 0.00	29.02 2.66 0.00	30.95 2.84 0.00	34.72 2.96 0.00	46.07 3.55 0.00	50.61 3.69 0.00	55.04 4.10 0.00	49.00 3.46 0.00	40.03 2.66 0.00	34.40 2.05 0.00
RAVENSWOOD_GT3_1 24248	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.95 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.77 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.20 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.71 2.94 0.00	46.06 3.53 0.00	50.59 3.68 0.00	55.02 4.08 0.00	48.98 3.44 0.00	40.02 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD_GT3_2 24249	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.95 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.77 2.49 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.20 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.71 2.94 0.00	46.06 3.53 0.00	50.59 3.68 0.00	55.02 4.08 0.00	48.98 3.44 0.00	40.02 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD_GT3_3 24250	34.89 2.28 0.00	32.16 2.06 0.00	31.24 1.96 0.00	30.12 1.87 0.00	31.07 1.98 0.00	32.57 2.12 0.00	36.83 2.53 0.00	33.81 2.53 0.00	31.25 2.50 0.00	27.74 2.33 0.00	26.92 2.31 0.00	26.68 2.32 0.00	26.67 2.30 0.00	26.95 2.38 0.00	24.77 2.23 0.00	29.05 2.69 0.00	30.98 2.87 0.00	34.76 2.99 0.00	46.11 3.59 0.00	50.66 3.74 0.00	55.09 4.15 0.00	49.05 3.50 0.00	40.07 2.70 0.00	34.43 2.08 0.00
RAVENSWOOD_GT3_4 24251	34.89 2.28 0.00	32.16 2.06 0.00	31.24 1.96 0.00	30.12 1.87 0.00	31.07 1.98 0.00	32.57 2.12 0.00	36.83 2.53 0.00	33.81 2.53 0.00	31.25 2.50 0.00	27.74 2.33 0.00	26.92 2.31 0.00	26.68 2.32 0.00	26.67 2.30 0.00	26.95 2.38 0.00	24.77 2.23 0.00	29.05 2.69 0.00	30.98 2.87 0.00	34.76 2.99 0.00	46.11 3.59 0.00	50.66 3.74 0.00	55.09 4.15 0.00	49.05 3.50 0.00	40.07 2.70 0.00	34.43 2.08 0.00
RAVENSWOOD_GT_1 23729	34.93 2.32 0.00	32.21 2.11 0.00	31.27 2.00 0.00	30.17 1.92 0.00	31.11 2.02 0.00	32.61 2.16 0.00	36.85 2.56 0.00	33.88 2.59 0.00	31.32 2.57 0.00	27.81 2.40 0.00	26.98 2.37 0.00	26.74 2.38 0.00	26.73 2.36 0.00	27.01 2.44 0.00	24.83 2.29 0.00	29.10 2.74 0.00	31.02 2.91 0.00	34.79 3.03 0.00	46.12 3.60 0.00	50.70 3.78 0.00	55.12 4.18 0.00	49.07 3.52 0.00	40.09 2.72 0.00	34.47 2.12 0.00
RAVENSWOOD_GT_10 24258	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.94 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.19 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.71 2.94 0.00	46.06 3.53 0.00	50.59 3.68 0.00	55.02 4.08 0.00	48.98 3.44 0.00	40.02 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD_GT_11 24259	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.94 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.19 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.71 2.94 0.00	46.06 3.53 0.00	50.59 3.68 0.00	55.02 4.08 0.00	48.98 3.44 0.00	40.02 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD_GT_4 24252	34.86 2.25 0.00	32.13 2.03 0.00	31.20 1.93 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.54 2.09 0.00	36.79 2.50 0.00	33.78 2.50 0.00	31.23 2.48 0.00	27.72 2.31 0.00	26.90 2.29 0.00	26.67 2.31 0.00	26.65 2.29 0.00	26.93 2.36 0.00	24.76 2.22 0.00	29.02 2.66 0.00	30.95 2.84 0.00	34.72 2.95 0.00	46.05 3.53 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.99 3.45 0.00	40.02 2.65 0.00	34.40 2.06 0.00
RAVENSWOOD_GT_5 24254	34.86 2.25 0.00	32.13 2.03 0.00	31.20 1.93 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.54 2.09 0.00	36.79 2.50 0.00	33.78 2.50 0.00	31.23 2.48 0.00	27.72 2.31 0.00	26.90 2.29 0.00	26.67 2.31 0.00	26.65 2.29 0.00	26.93 2.36 0.00	24.76 2.22 0.00	29.02 2.66 0.00	30.95 2.84 0.00	34.72 2.95 0.00	46.05 3.53 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.99 3.45 0.00	40.02 2.65 0.00	34.40 2.06 0.00
RAVENSWOOD_GT_6 24253	34.86 2.25 0.00	32.13 2.03 0.00	31.20 1.93 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.54 2.09 0.00	36.79 2.50 0.00	33.78 2.50 0.00	31.23 2.48 0.00	27.72 2.31 0.00	26.90 2.29 0.00	26.67 2.31 0.00	26.65 2.29 0.00	26.93 2.36 0.00	24.76 2.22 0.00	29.02 2.66 0.00	30.95 2.84 0.00	34.72 2.95 0.00	46.05 3.53 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.99 3.45 0.00	40.02 2.65 0.00	34.40 2.06 0.00

RAVENSWOOD_GT_7 24255	34.86 2.25 0.00	32.13 2.03 0.00	31.20 1.93 0.00	30.10 1.85 0.00	31.05 1.96 0.00	32.54 2.09 0.00	36.79 2.50 0.00	33.78 2.50 0.00	31.23 2.48 0.00	27.72 2.31 0.00	26.90 2.29 0.00	26.67 2.31 0.00	26.65 2.29 0.00	26.93 2.36 0.00	24.76 2.22 0.00	29.02 2.66 0.00	30.95 2.84 0.00	34.72 2.95 0.00	46.05 3.53 0.00	50.60 3.68 0.00	55.02 4.08 0.00	48.99 3.45 0.00	40.02 2.65 0.00	34.40 2.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.94 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.19 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.71 2.94 0.00	46.06 3.53 0.00	50.59 3.68 0.00	55.02 4.08 0.00	48.98 3.44 0.00	40.02 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD_GT_9 24257	34.86 2.25 0.00	32.12 2.02 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.04 1.94 0.00	32.53 2.08 0.00	36.78 2.48 0.00	33.76 2.48 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.19 0.00	29.01 2.65 0.00	30.94 2.83 0.00	34.71 2.94 0.00	46.06 3.53 0.00	50.59 3.68 0.00	55.02 4.08 0.00	48.98 3.44 0.00	40.02 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD___1 23533	34.88 2.27 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.87 0.00	31.07 1.98 0.00	32.55 2.10 0.00	36.80 2.51 0.00	33.80 2.52 0.00	31.28 2.53 0.00	27.77 2.37 0.00	26.95 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.25 0.00	29.07 2.71 0.00	30.97 2.86 0.00	34.73 2.97 0.00	46.05 3.53 0.00	50.64 3.72 0.00	55.04 4.10 0.00	49.01 3.46 0.00	40.03 2.66 0.00	34.42 2.07 0.00
RAVENSWOOD___2 23534	34.88 2.27 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.87 0.00	31.07 1.98 0.00	32.55 2.10 0.00	36.80 2.51 0.00	33.80 2.52 0.00	31.28 2.53 0.00	27.77 2.37 0.00	26.95 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.25 0.00	29.07 2.71 0.00	30.97 2.86 0.00	34.73 2.97 0.00	46.05 3.53 0.00	50.64 3.72 0.00	55.04 4.10 0.00	49.01 3.46 0.00	40.03 2.66 0.00	34.42 2.07 0.00
RAVENSWOOD___3 23535	34.85 2.24 0.00	32.13 2.03 0.00	31.20 1.93 0.00	30.09 1.84 0.00	31.03 1.94 0.00	32.53 2.07 0.00	36.78 2.48 0.00	33.75 2.46 0.00	31.21 2.46 0.00	27.70 2.29 0.00	26.88 2.27 0.00	26.64 2.28 0.00	26.63 2.27 0.00	26.92 2.34 0.00	24.74 2.20 0.00	29.01 2.66 0.00	30.94 2.83 0.00	34.70 2.93 0.00	46.05 3.53 0.00	50.59 3.67 0.00	55.01 4.07 0.00	48.98 3.44 0.00	40.01 2.64 0.00	34.39 2.04 0.00
RAVENSWOOD___4 23820	34.88 2.27 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.87 0.00	31.07 1.98 0.00	32.55 2.10 0.00	36.80 2.51 0.00	33.80 2.52 0.00	31.28 2.53 0.00	27.77 2.37 0.00	26.95 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.25 0.00	29.07 2.71 0.00	30.97 2.86 0.00	34.73 2.97 0.00	46.05 3.53 0.00	50.64 3.72 0.00	55.04 4.10 0.00	49.01 3.46 0.00	40.03 2.66 0.00	34.42 2.07 0.00
RCPL_TRUST___DRP 24196	35.03 2.42 0.00	32.27 2.17 0.00	31.35 2.07 0.00	30.23 1.98 0.00	31.19 2.10 0.00	32.70 2.25 0.00	36.98 2.69 0.00	33.99 2.71 0.00	31.47 2.72 0.00	27.96 2.55 0.00	27.13 2.53 0.00	26.90 2.54 0.00	26.88 2.52 0.00	27.18 2.60 0.00	24.97 2.43 0.00	29.28 2.92 0.00	31.21 3.10 0.00	34.98 3.22 0.00	46.39 3.87 0.00	50.92 4.00 0.00	55.35 4.41 0.00	49.25 3.70 0.00	40.22 2.85 0.00	34.55 2.20 0.00
RED___ROCHESTER 323720	31.53 -1.03 0.05	29.16 -0.92 0.02	28.42 -0.85 0.00	27.46 -0.79 0.00	28.04 -0.81 0.24	27.77 -0.75 1.93	31.47 -1.03 1.80	28.56 -0.73 1.99	27.74 -0.75 0.25	24.68 -0.72 0.01	23.87 -0.74 0.00	23.49 -0.86 0.00	23.42 -0.94 0.00	23.61 -0.96 0.00	21.68 -0.87 0.00	25.19 -1.16 0.00	26.94 -1.17 0.00	30.61 -1.15 0.00	40.99 -1.54 0.00	45.26 -1.66 0.00	49.07 -1.87 0.00	43.97 -1.58 0.00	36.09 -1.29 0.00	31.29 -1.07 0.00
REGAN___SOLAR 323812	34.19 1.58 0.00	31.55 1.44 0.00	30.68 1.41 0.00	29.61 1.35 0.00	30.54 1.44 0.00	32.02 1.57 0.00	35.95 1.66 0.00	32.10 0.82 0.00	28.82 0.07 0.00	25.22 -0.19 0.00	24.35 -0.25 0.00	24.14 -0.21 0.00	24.16 -0.21 0.00	24.44 -0.14 0.00	22.47 -0.08 0.00	26.41 0.05 0.00	28.31 0.20 0.00	32.32 0.55 0.00	44.03 1.51 0.00	49.24 2.32 0.00	53.84 2.90 0.00	48.16 2.61 0.00	39.41 2.04 0.00	33.98 1.63 0.00
RENSSELAER___COGEN 23796	33.31 0.70 0.00	30.76 0.66 0.00	29.92 0.64 0.00	28.86 0.61 0.00	29.71 0.62 0.00	31.07 0.61 0.00	34.99 0.70 0.00	31.81 0.53 0.00	29.04 0.29 0.00	25.80 0.39 0.00	25.01 0.41 0.00	24.81 0.45 0.00	24.83 0.47 0.00	25.05 0.47 0.00	23.04 0.49 0.00	27.06 0.70 0.00	28.80 0.69 0.00	32.48 0.71 0.00	43.42 0.89 0.00	47.84 0.92 0.00	52.10 1.16 0.00	46.66 1.11 0.00	38.28 0.91 0.00	33.30 0.95 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.08 3.47 0.00	33.22 3.12 0.00	32.47 3.20 0.00	31.37 3.12 0.00	32.41 3.31 0.00	33.84 3.38 0.00	38.24 3.95 0.00	34.47 3.19 0.00	30.53 1.78 0.00	26.84 1.43 0.00	25.99 1.38 0.00	25.73 1.37 0.00	25.74 1.37 0.00	26.06 1.48 0.00	24.18 1.63 0.00	28.58 2.22 0.00	30.63 2.52 0.00	34.71 2.95 0.00	46.92 4.39 0.00	52.31 5.39 0.00	56.63 5.69 0.00	50.83 5.28 0.00	41.65 4.28 0.00	36.09 3.74 0.00
REVERE_CPPR_DRP 24186	33.68 1.07 0.00	31.07 0.97 0.00	30.12 0.85 0.00	29.03 0.78 0.00	29.90 0.80 0.00	31.41 0.95 0.00	35.33 1.04 0.00	31.89 0.61 0.00	29.04 0.30 0.00	25.55 0.14 0.00	24.70 0.09 0.00	24.44 0.08 0.00	24.45 0.09 0.00	24.67 0.10 0.00	22.69 0.14 0.00	26.56 0.20 0.00	28.38 0.27 0.00	32.25 0.49 0.00	43.66 1.14 0.00	48.53 1.61 0.00	53.01 2.07 0.00	47.39 1.85 0.00	38.82 1.45 0.00	33.44 1.09 0.00
REYNLDDPA_13_KV_LD 356490	32.36 -0.25 0.00	29.93 -0.17 0.00	29.16 -0.11 0.00	28.15 -0.10 0.00	28.92 -0.18 0.00	30.30 -0.16 0.00	34.25 -0.05 0.00	31.27 -0.01 0.00	28.85 0.10 0.00	25.42 0.02 0.00	24.54 -0.06 0.00	24.23 -0.12 0.00	24.18 -0.19 0.00	24.36 -0.21 0.00	22.30 -0.24 0.00	26.06 -0.30 0.00	27.84 -0.27 0.00	31.53 -0.24 0.00	42.37 -0.16 0.00	46.68 -0.24 0.00	50.68 -0.26 0.00	45.50 -0.04 0.00	37.32 -0.06 0.00	32.26 -0.09 0.00
REYNOLDS_115KV_TB3 80639	33.54 0.93 0.00	30.95 0.86 0.00	30.11 0.84 0.00	29.05 0.80 0.00	29.93 0.83 0.00	31.28 0.83 0.00	35.27 0.98 0.00	32.07 0.79 0.00	29.26 0.51 0.00	26.03 0.62 0.00	25.25 0.64 0.00	25.04 0.68 0.00	25.07 0.70 0.00	25.27 0.70 0.00	23.25 0.70 0.00	27.31 0.95 0.00	29.03 0.92 0.00	32.70 0.94 0.00	43.69 1.16 0.00	48.15 1.23 0.00	52.45 1.51 0.00	46.98 1.43 0.00	38.51 1.14 0.00	33.44 1.10 0.00

RIVERBAY____ 323610	35.23 2.62 0.00	32.46 2.36 0.00	31.54 2.26 0.00	30.43 2.18 0.00	31.40 2.30 0.00	32.93 2.47 0.00	36.97 2.67 0.00	33.93 2.65 0.00	31.35 2.60 0.00	27.79 2.39 0.00	26.96 2.35 0.00	26.69 2.34 0.00	26.69 2.32 0.00	26.96 2.38 0.00	24.79 2.24 0.00	29.02 2.67 0.00	30.93 2.81 0.00	34.72 2.96 0.00	45.98 3.45 0.00	50.65 3.74 0.00	55.35 4.41 0.00	49.31 3.76 0.00	40.33 2.96 0.00	34.70 2.35 0.00
RIVERSDE_115KV_TB3 55908	33.44 0.83 0.00	30.87 0.77 0.00	30.03 0.75 0.00	28.97 0.71 0.00	29.83 0.73 0.00	31.20 0.74 0.00	35.14 0.85 0.00	31.95 0.67 0.00	29.16 0.41 0.00	25.92 0.51 0.00	25.14 0.53 0.00	24.92 0.56 0.00	24.95 0.58 0.00	25.16 0.59 0.00	23.15 0.61 0.00	27.20 0.84 0.00	28.93 0.82 0.00	32.61 0.85 0.00	43.60 1.08 0.00	48.05 1.13 0.00	52.31 1.37 0.00	46.85 1.31 0.00	38.42 1.05 0.00	33.40 1.05 0.00
ROARING__BROOK_WT_PWR 323790	32.37 -0.24 0.00	29.85 -0.25 0.00	29.02 -0.26 0.00	28.04 -0.21 0.00	28.86 -0.24 0.00	30.23 -0.23 0.00	34.06 -0.23 0.00	31.15 -0.13 0.00	28.69 -0.06 0.00	25.36 -0.05 0.00	24.55 -0.06 0.00	24.29 -0.07 0.00	24.29 -0.07 0.00	24.49 -0.08 0.00	22.46 -0.09 0.00	26.26 -0.10 0.00	28.01 -0.11 0.00	31.67 -0.10 0.00	42.43 -0.10 0.00	46.81 -0.11 0.00	50.84 -0.10 0.00	45.49 -0.06 0.00	37.31 -0.06 0.00	32.16 -0.19 0.00
ROCHESRG_115KV_T4 355643	31.16 -1.39 0.06	28.85 -1.22 0.03	28.15 -1.13 0.00	27.20 -1.05 0.00	27.72 -1.09 0.29	27.07 -1.08 2.31	30.74 -1.42 2.14	27.78 -1.13 2.37	27.39 -1.06 0.30	24.42 -0.98 0.01	23.61 -1.00 0.00	23.26 -1.10 0.00	23.18 -1.19 0.00	23.36 -1.22 0.00	21.44 -1.10 0.00	24.70 -1.42 0.23	26.41 -1.46 0.24	29.33 -1.53 0.90	38.53 -2.08 1.91	42.71 -2.29 1.93	46.50 -2.51 1.93	41.87 -2.15 1.53	34.20 -1.74 1.44	29.44 -1.43 1.48
ROCHESTER_9_IC 23652	31.41 -1.16 0.05	29.05 -1.02 0.02	28.33 -0.94 0.00	27.38 -0.87 0.00	27.97 -0.90 0.22	27.80 -0.87 1.78	31.47 -1.17 1.66	28.53 -0.92 1.83	27.66 -0.86 0.23	24.60 -0.80 0.01	23.78 -0.83 0.00	23.41 -0.94 0.00	23.33 -1.03 0.00	23.53 -1.05 0.00	21.58 -0.96 0.00	25.10 -1.26 0.00	26.83 -1.28 0.00	30.46 -1.30 0.00	40.76 -1.76 0.00	45.01 -1.91 0.00	48.83 -2.11 0.00	43.75 -1.80 0.00	35.91 -1.46 0.00	31.14 -1.21 0.00
ROCKVIEW_13_KV_LD 356306	34.94 2.33 0.00	32.19 2.09 0.00	31.26 1.98 0.00	30.13 1.88 0.00	31.09 2.00 0.00	32.60 2.15 0.00	36.86 2.57 0.00	33.80 2.52 0.00	31.18 2.43 0.00	27.62 2.22 0.00	26.82 2.22 0.00	26.59 2.23 0.00	26.59 2.22 0.00	26.85 2.28 0.00	24.69 2.15 0.00	28.97 2.61 0.00	30.92 2.81 0.00	34.74 2.97 0.00	46.15 3.63 0.00	50.71 3.79 0.00	55.17 4.23 0.00	49.14 3.59 0.00	40.14 2.76 0.00	34.50 2.15 0.00
ROME____115KV_TB2 80656	33.68 1.07 0.00	31.07 0.97 0.00	30.12 0.85 0.00	29.03 0.78 0.00	29.90 0.80 0.00	31.41 0.95 0.00	35.33 1.04 0.00	31.89 0.61 0.00	29.04 0.30 0.00	25.55 0.14 0.00	24.70 0.09 0.00	24.44 0.08 0.00	24.45 0.09 0.00	24.67 0.10 0.00	22.69 0.14 0.00	26.56 0.20 0.00	28.38 0.27 0.00	32.25 0.49 0.00	43.66 1.14 0.00	48.53 1.61 0.00	53.01 2.07 0.00	47.39 1.85 0.00	38.82 1.45 0.00	33.44 1.09 0.00
ROSETON__1 23587	34.39 1.78 0.00	31.69 1.59 0.00	30.78 1.51 0.00	29.68 1.43 0.00	30.61 1.52 0.00	32.10 1.64 0.00	36.28 1.98 0.00	33.19 1.92 0.00	30.54 1.80 0.00	27.06 1.65 0.00	26.27 1.66 0.00	26.04 1.68 0.00	26.06 1.69 0.00	26.30 1.72 0.00	24.18 1.63 0.00	28.37 2.01 0.00	30.27 2.16 0.00	34.06 2.29 0.00	45.33 2.81 0.00	49.87 2.95 0.00	54.28 3.34 0.00	48.40 2.85 0.00	39.55 2.18 0.00	34.04 1.69 0.00
ROSETON__2 23588	34.39 1.78 0.00	31.69 1.59 0.00	30.78 1.51 0.00	29.68 1.43 0.00	30.61 1.52 0.00	32.10 1.64 0.00	36.28 1.98 0.00	33.19 1.92 0.00	30.54 1.80 0.00	27.06 1.65 0.00	26.27 1.66 0.00	26.04 1.68 0.00	26.06 1.69 0.00	26.30 1.72 0.00	24.18 1.63 0.00	28.37 2.01 0.00	30.27 2.16 0.00	34.06 2.29 0.00	45.33 2.81 0.00	49.87 2.95 0.00	54.28 3.34 0.00	48.40 2.85 0.00	39.55 2.18 0.00	34.04 1.69 0.00
ROTTDRAM_115KV_TB3 80664	33.62 1.01 0.00	31.02 0.92 0.00	30.16 0.89 0.00	29.10 0.85 0.00	30.00 0.90 0.00	31.40 0.94 0.00	35.40 1.11 0.00	32.19 0.91 0.00	29.40 0.65 0.00	26.00 0.60 0.00	25.18 0.58 0.00	24.96 0.61 0.00	24.99 0.62 0.00	25.20 0.63 0.00	23.16 0.62 0.00	27.15 0.78 0.00	28.95 0.84 0.00	32.71 0.95 0.00	43.83 1.30 0.00	48.41 1.49 0.00	52.69 1.75 0.00	47.14 1.60 0.00	38.61 1.24 0.00	33.39 1.04 0.00
RUSSELL__1 23602	31.52 -1.04 0.05	29.16 -0.92 0.02	28.42 -0.85 0.00	27.46 -0.79 0.00	28.04 -0.82 0.24	27.75 -0.78 1.93	31.44 -1.06 1.80	28.48 -0.82 1.99	27.73 -0.76 0.25	24.68 -0.72 0.01	23.87 -0.74 0.00	23.49 -0.86 0.00	23.42 -0.95 0.00	23.61 -0.97 0.00	21.67 -0.88 0.00	25.19 -1.17 0.00	26.93 -1.18 0.00	30.59 -1.17 0.00	40.93 -1.59 0.00	45.19 -1.72 0.00	49.03 -1.91 0.00	43.94 -1.61 0.00	36.05 -1.32 0.00	31.26 -1.10 0.00
RUSSELL__2 23532	31.52 -1.04 0.05	29.16 -0.92 0.02	28.42 -0.85 0.00	27.46 -0.79 0.00	28.04 -0.82 0.24	27.75 -0.78 1.93	31.44 -1.06 1.80	28.48 -0.82 1.99	27.73 -0.76 0.25	24.68 -0.72 0.01	23.87 -0.74 0.00	23.49 -0.86 0.00	23.42 -0.95 0.00	23.61 -0.97 0.00	21.67 -0.88 0.00	25.19 -1.17 0.00	26.93 -1.18 0.00	30.59 -1.17 0.00	40.93 -1.59 0.00	45.19 -1.72 0.00	49.03 -1.91 0.00	43.94 -1.61 0.00	36.05 -1.32 0.00	31.26 -1.10 0.00
RUSSELL__3 23549	31.52 -1.04 0.05	29.16 -0.92 0.02	28.42 -0.85 0.00	27.46 -0.79 0.00	28.04 -0.82 0.24	27.75 -0.78 1.93	31.44 -1.06 1.80	28.48 -0.82 1.99	27.73 -0.76 0.25	24.68 -0.72 0.01	23.87 -0.74 0.00	23.49 -0.86 0.00	23.42 -0.95 0.00	23.61 -0.97 0.00	21.67 -0.88 0.00	25.19 -1.17 0.00	26.93 -1.18 0.00	30.59 -1.17 0.00	40.93 -1.59 0.00	45.19 -1.72 0.00	49.03 -1.91 0.00	43.94 -1.61 0.00	36.05 -1.32 0.00	31.26 -1.10 0.00
RUSSELL__4 23556	31.52 -1.04 0.05	29.16 -0.92 0.02	28.42 -0.85 0.00	27.46 -0.79 0.00	28.04 -0.82 0.24	27.75 -0.78 1.93	31.44 -1.06 1.80	28.48 -0.82 1.99	27.73 -0.76 0.25	24.68 -0.72 0.01	23.87 -0.74 0.00	23.49 -0.86 0.00	23.42 -0.95 0.00	23.61 -0.97 0.00	21.67 -0.88 0.00	25.19 -1.17 0.00	26.93 -1.18 0.00	30.59 -1.17 0.00	40.93 -1.59 0.00	45.19 -1.72 0.00	49.03 -1.91 0.00	43.94 -1.61 0.00	36.05 -1.32 0.00	31.26 -1.10 0.00
RUSSELL__STATION 23914	31.52 -1.04 0.05	29.16 -0.92 0.02	28.42 -0.85 0.00	27.46 -0.79 0.00	28.04 -0.82 0.24	27.75 -0.78 1.93	31.44 -1.06 1.80	28.48 -0.82 1.99	27.73 -0.76 0.25	24.68 -0.72 0.01	23.87 -0.74 0.00	23.49 -0.86 0.00	23.42 -0.95 0.00	23.61 -0.97 0.00	21.67 -0.88 0.00	25.19 -1.17 0.00	26.93 -1.18 0.00	30.59 -1.17 0.00	40.93 -1.59 0.00	45.19 -1.72 0.00	49.03 -1.91 0.00	43.94 -1.61 0.00	36.05 -1.32 0.00	31.26 -1.10 0.00

S SALMON___HYD 24043	32.16 -0.45 0.00	29.67 -0.43 0.00	28.78 -0.49 0.00	27.73 -0.52 0.00	28.57 -0.53 0.00	29.99 -0.47 0.00	33.65 -0.65 0.00	30.56 -0.72 0.00	27.98 -0.77 0.00	24.70 -0.71 0.00	23.92 -0.69 0.00	23.68 -0.68 0.00	23.69 -0.68 0.00	23.88 -0.69 0.00	21.91 -0.64 0.00	25.57 -0.79 0.00	27.26 -0.85 0.00	30.86 -0.90 0.00	41.38 -1.15 0.00	45.82 -1.09 0.00	50.11 -0.83 0.00	44.96 -0.59 0.00	36.94 -0.43 0.00	31.98 -0.37 0.00
S.PERRY___115KV_TB1 80734	33.31 -0.45 -1.15	30.06 -0.58 -0.54	28.59 -0.70 -0.01	27.61 -0.64 0.00	33.82 -0.63 -5.36	72.84 -0.42 -42.81	73.43 -0.63 -39.77	74.76 -0.52 -44.00	33.51 -0.78 -5.55	24.78 -0.79 -0.16	23.82 -0.78 0.00	23.39 -0.97 0.00	23.33 -1.04 0.00	23.56 -1.01 0.00	21.67 -0.88 0.00	30.58 -1.09 -5.31	33.08 -1.03 -6.00	52.98 -0.88 -22.10	88.58 -0.93 -46.99	93.52 -0.79 -47.39	97.65 -0.71 -47.42	82.60 -0.64 -37.69	72.03 -0.68 -35.34	68.14 -0.65 -36.44
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.36 -2.84 0.41	27.41 -2.49 0.19	27.00 -2.27 0.00	26.14 -2.11 0.00	24.97 -2.20 1.92	12.95 -2.17 15.33	17.25 -2.80 14.25	13.33 -2.19 15.76	24.78 -1.99 1.99	23.49 -1.86 0.06	22.71 -1.90 0.00	22.39 -1.97 0.00	22.26 -2.10 0.00	22.38 -2.20 0.00	20.50 -2.05 0.00	21.83 -2.68 1.85	23.24 -2.83 2.04	21.27 -3.00 7.50	22.35 -4.22 15.95	26.03 -4.80 16.09	29.47 -5.37 16.10	28.16 -4.59 12.79	21.75 -3.63 12.00	16.97 -3.01 12.37
SAWYER___23_KV_LOAD 55526	29.36 -2.84 0.41	27.41 -2.49 0.19	27.00 -2.27 0.00	26.14 -2.11 0.00	24.97 -2.20 1.92	12.95 -2.17 15.33	17.25 -2.80 14.25	13.33 -2.19 15.76	24.78 -1.99 1.99	23.49 -1.86 0.06	22.71 -1.90 0.00	22.39 -1.97 0.00	22.26 -2.10 0.00	22.38 -2.20 0.00	20.50 -2.05 0.00	21.83 -2.68 1.85	23.24 -2.83 2.04	21.27 -3.00 7.50	22.35 -4.22 15.95	26.03 -4.80 16.09	29.47 -5.37 16.10	28.16 -4.59 12.79	21.75 -3.63 12.00	16.97 -3.01 12.37
SELKIRK___I 23801	33.57 0.96 0.00	30.99 0.89 0.00	30.15 0.88 0.00	29.08 0.83 0.00	29.96 0.87 0.00	31.36 0.90 0.00	35.31 1.01 0.00	32.06 0.78 0.00	29.27 0.52 0.00	25.93 0.52 0.00	25.14 0.53 0.00	24.93 0.56 0.00	24.96 0.59 0.00	25.17 0.59 0.00	23.14 0.59 0.00	27.12 0.76 0.00	28.93 0.82 0.00	32.66 0.90 0.00	43.70 1.18 0.00	48.20 1.28 0.00	52.51 1.57 0.00	47.00 1.46 0.00	38.54 1.17 0.00	33.44 1.09 0.00
SELKIRK___II 23799	33.41 0.80 0.00	30.85 0.75 0.00	30.00 0.72 0.00	28.94 0.69 0.00	29.80 0.71 0.00	31.18 0.72 0.00	35.14 0.84 0.00	32.00 0.72 0.00	29.26 0.51 0.00	25.96 0.55 0.00	25.18 0.57 0.00	24.96 0.60 0.00	25.00 0.63 0.00	25.21 0.64 0.00	23.18 0.63 0.00	27.17 0.81 0.00	28.93 0.82 0.00	32.62 0.86 0.00	43.60 1.07 0.00	48.05 1.13 0.00	52.32 1.38 0.00	46.82 1.27 0.00	38.38 1.01 0.00	33.30 0.96 0.00
SENECA OSWGO___HYD 24041	31.81 -0.80 0.00	29.35 -0.75 0.00	28.53 -0.75 0.00	27.53 -0.73 0.00	28.37 -0.73 0.00	29.68 -0.78 0.00	33.32 -0.98 0.00	30.37 -0.91 0.00	27.85 -0.90 0.00	24.59 -0.82 0.00	23.80 -0.81 0.00	23.55 -0.81 0.00	23.56 -0.81 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.44 -0.92 0.00	27.14 -0.97 0.00	30.69 -1.08 0.00	41.11 -1.42 0.00	45.42 -1.50 0.00	49.40 -1.55 0.00	44.20 -1.35 0.00	36.33 -1.04 0.00	31.55 -0.80 0.00
SENECA___115KV_TB3 355854	29.73 -2.41 0.47	27.71 -2.17 0.22	27.24 -2.03 0.00	26.37 -1.88 0.00	24.96 -1.96 2.18	11.20 -1.86 17.40	15.69 -2.45 16.16	11.62 -1.78 17.88	24.80 -1.70 2.25	23.74 -1.60 0.06	22.97 -1.63 0.00	22.67 -1.69 0.00	22.56 -1.81 0.00	22.71 -1.86 0.00	20.81 -1.73 0.00	21.93 -2.32 2.12	23.35 -2.49 2.27	20.84 -2.56 8.36	21.15 -3.59 17.78	24.92 -4.07 17.94	28.31 -4.68 17.95	27.32 -3.97 14.26	20.82 -3.18 13.38	15.86 -2.70 13.79
SENECA___ENERGY 23797	32.22 -0.47 -0.08	29.66 -0.48 -0.04	28.79 -0.48 0.00	27.81 -0.44 0.00	29.01 -0.47 -0.39	33.11 -0.44 -3.10	36.62 -0.55 -2.88	33.93 -0.54 -3.18	28.57 -0.57 -0.40	24.82 -0.60 -0.01	24.00 -0.61 0.00	23.70 -0.66 0.00	23.68 -0.68 0.00	23.93 -0.64 0.00	21.95 -0.60 0.00	26.05 -0.69 -0.39	27.82 -0.71 -0.42	32.56 -0.74 -1.54	44.88 -0.91 -3.27	49.36 -0.85 -3.29	53.31 -0.93 -3.30	47.37 -0.80 -2.62	39.17 -0.66 -2.46	34.28 -0.60 -2.53
SHOEMAKER___GT 23640	34.32 1.71 0.00	31.62 1.52 0.00	30.71 1.43 0.00	29.61 1.35 0.00	30.54 1.45 0.00	32.03 1.58 0.00	36.19 1.90 0.00	33.09 1.81 0.00	30.41 1.66 0.00	26.92 1.51 0.00	26.11 1.51 0.00	25.87 1.51 0.00	25.89 1.53 0.00	26.14 1.57 0.00	24.03 1.48 0.00	28.20 1.84 0.00	30.14 2.03 0.00	33.94 2.18 0.00	45.24 2.72 0.00	49.79 2.87 0.00	54.21 3.26 0.00	48.33 2.78 0.00	39.51 2.13 0.00	33.99 1.64 0.00
SHOEMAKR_138KV_BK 111 55601	34.32 1.70 0.00	31.61 1.51 0.00	30.70 1.43 0.00	29.60 1.35 0.00	30.55 1.45 0.00	32.04 1.58 0.00	36.20 1.91 0.00	33.11 1.83 0.00	30.43 1.69 0.00	26.95 1.54 0.00	26.15 1.54 0.00	25.91 1.55 0.00	25.93 1.57 0.00	26.18 1.60 0.00	24.07 1.52 0.00	28.23 1.87 0.00	30.17 2.06 0.00	33.97 2.21 0.00	45.24 2.72 0.00	49.78 2.86 0.00	54.20 3.26 0.00	48.33 2.78 0.00	39.50 2.12 0.00	33.99 1.64 0.00
SHOREHAM_IC_1 23715	36.13 3.52 0.00	41.93 3.10 -8.73	32.14 2.86 0.00	30.97 2.72 0.00	32.13 3.03 0.00	33.55 3.10 0.00	37.93 3.64 0.00	34.48 3.20 0.00	31.79 3.05 0.00	27.74 2.33 0.00	27.12 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.20 2.62 0.00	25.08 2.54 0.00	29.54 3.18 0.00	31.69 3.58 0.00	35.69 3.93 0.00	47.45 4.93 0.00	52.21 5.29 0.00	56.53 5.59 0.00	50.24 4.69 0.00	41.26 3.89 0.00	35.46 3.11 0.00
SHOREHAM_IC_2 23716	36.13 3.52 0.00	41.93 3.10 -8.73	32.14 2.86 0.00	30.97 2.72 0.00	32.13 3.03 0.00	33.55 3.10 0.00	37.93 3.64 0.00	34.48 3.20 0.00	31.79 3.05 0.00	27.74 2.33 0.00	27.12 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.20 2.62 0.00	25.08 2.54 0.00	29.54 3.18 0.00	31.69 3.58 0.00	35.69 3.93 0.00	47.45 4.93 0.00	52.21 5.29 0.00	56.53 5.59 0.00	50.24 4.69 0.00	41.26 3.89 0.00	35.46 3.11 0.00
SISSONVILLE___ 23735	32.01 -0.60 0.00	29.61 -0.49 0.00	28.81 -0.46 0.00	27.80 -0.45 0.00	28.56 -0.54 0.00	29.96 -0.49 0.00	33.83 -0.47 0.00	30.72 -0.56 0.00	28.29 -0.46 0.00	24.90 -0.50 0.00	24.02 -0.59 0.00	23.71 -0.65 0.00	23.65 -0.71 0.00	23.83 -0.75 0.00	21.81 -0.74 0.00	25.49 -0.87 0.00	27.23 -0.88 0.00	30.55 -1.22 0.00	41.14 -1.39 0.00	45.56 -1.36 0.00	49.92 -1.03 0.00	44.97 -0.58 0.00	37.16 -0.21 0.00	32.05 -0.30 0.00
SITHE_IND_GS1 24169	31.75 -0.86 0.00	29.30 -0.80 0.00	28.49 -0.79 0.00	27.50 -0.75 0.00	28.33 -0.76 0.00	29.62 -0.83 0.00	33.22 -1.07 0.00	30.31 -0.97 0.00	27.82 -0.93 0.00	24.57 -0.84 0.00	23.80 -0.81 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.41 -0.94 0.00	27.12 -0.99 0.00	30.65 -1.12 0.00	40.99 -1.53 0.00	45.25 -1.67 0.00	49.17 -1.78 0.00	44.00 -1.55 0.00	36.21 -1.16 0.00	31.49 -0.86 0.00

SITHE_IND_GS2 24170	31.75 -0.86 0.00	29.30 -0.80 0.00	28.49 -0.79 0.00	27.50 -0.75 0.00	28.33 -0.76 0.00	29.62 -0.83 0.00	33.22 -1.07 0.00	30.31 -0.97 0.00	27.82 -0.93 0.00	24.57 -0.84 0.00	23.80 -0.81 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.41 -0.94 0.00	27.12 -0.99 0.00	30.65 -1.12 0.00	40.99 -1.53 0.00	45.25 -1.67 0.00	49.17 -1.78 0.00	44.00 -1.55 0.00	36.21 -1.16 0.00	31.49 -0.86 0.00
SITHE_IND_GS3 24171	31.75 -0.86 0.00	29.30 -0.80 0.00	28.49 -0.79 0.00	27.50 -0.75 0.00	28.33 -0.76 0.00	29.62 -0.83 0.00	33.22 -1.07 0.00	30.31 -0.97 0.00	27.82 -0.93 0.00	24.57 -0.84 0.00	23.80 -0.81 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.41 -0.94 0.00	27.12 -0.99 0.00	30.65 -1.12 0.00	40.99 -1.53 0.00	45.25 -1.67 0.00	49.17 -1.78 0.00	44.00 -1.55 0.00	36.21 -1.16 0.00	31.49 -0.86 0.00
SITHE_IND_GS4 24172	31.75 -0.86 0.00	29.30 -0.80 0.00	28.49 -0.79 0.00	27.50 -0.75 0.00	28.33 -0.76 0.00	29.62 -0.83 0.00	33.22 -1.07 0.00	30.31 -0.97 0.00	27.82 -0.93 0.00	24.57 -0.84 0.00	23.80 -0.81 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.41 -0.94 0.00	27.12 -0.99 0.00	30.65 -1.12 0.00	40.99 -1.53 0.00	45.25 -1.67 0.00	49.17 -1.78 0.00	44.00 -1.55 0.00	36.21 -1.16 0.00	31.49 -0.86 0.00
SITHE___BATAVIA 24024	30.70 -1.68 0.23	28.52 -1.46 0.11	27.99 -1.28 0.00	27.08 -1.17 0.00	26.83 -1.17 1.10	20.71 -1.00 8.75	24.71 -1.46 8.13	21.20 -1.09 8.99	26.27 -1.35 1.14	23.99 -1.38 0.03	23.18 -1.43 0.00	22.70 -1.66 0.00	22.56 -1.80 0.00	22.71 -1.87 0.00	20.86 -1.68 0.00	23.09 -2.24 1.03	24.68 -2.30 1.12	25.43 -2.21 4.13	30.79 -2.95 8.79	34.98 -3.08 8.86	38.81 -3.26 8.87	35.91 -2.59 7.05	28.79 -1.98 6.61	23.89 -1.65 6.81
SITHE___INDEPEND 23800	31.75 -0.86 0.00	29.30 -0.80 0.00	28.49 -0.79 0.00	27.50 -0.75 0.00	28.34 -0.76 0.00	29.62 -0.84 0.00	33.22 -1.07 0.00	30.31 -0.98 0.00	27.82 -0.93 0.00	24.57 -0.84 0.00	23.79 -0.81 0.00	23.54 -0.82 0.00	23.54 -0.83 0.00	23.74 -0.83 0.00	21.77 -0.78 0.00	25.41 -0.94 0.00	27.12 -0.99 0.00	30.64 -1.13 0.00	40.99 -1.54 0.00	45.25 -1.67 0.00	49.17 -1.77 0.00	44.00 -1.55 0.00	36.21 -1.17 0.00	31.47 -0.88 0.00
SITHE___MASSENA 23902	32.33 -0.28 0.00	29.90 -0.20 0.00	29.13 -0.14 0.00	28.11 -0.14 0.00	28.88 -0.22 0.00	30.27 -0.19 0.00	34.20 -0.09 0.00	31.20 -0.08 0.00	28.77 0.02 0.00	25.35 -0.06 0.00	24.47 -0.14 0.00	24.16 -0.20 0.00	24.11 -0.26 0.00	24.28 -0.30 0.00	22.23 -0.31 0.00	25.98 -0.38 0.00	27.75 -0.36 0.00	31.37 -0.39 0.00	42.19 -0.34 0.00	46.58 -0.34 0.00	50.62 -0.32 0.00	45.41 -0.13 0.00	37.35 -0.02 0.00	32.26 -0.09 0.00
SITHE___OGDNSBRG 24021	32.57 -0.04 0.00	30.13 0.03 0.00	29.34 0.07 0.00	28.33 0.07 0.00	29.10 0.00 0.00	30.53 0.07 0.00	34.48 0.19 0.00	31.15 -0.13 0.00	28.66 -0.09 0.00	25.23 -0.17 0.00	24.33 -0.27 0.00	24.01 -0.34 0.00	23.95 -0.42 0.00	24.13 -0.44 0.00	22.08 -0.46 0.00	25.81 -0.55 0.00	27.57 -0.54 0.00	31.11 -0.66 0.00	41.88 -0.64 0.00	46.43 -0.49 0.00	51.07 0.13 0.00	45.98 0.43 0.00	37.85 0.48 0.00	32.65 0.30 0.00
SITHE___STERLING 23777	33.38 0.77 0.00	30.79 0.69 0.00	29.89 0.61 0.00	28.81 0.56 0.00	29.69 0.60 0.00	31.16 0.70 0.00	35.03 0.73 0.00	31.70 0.42 0.00	28.92 0.18 0.00	25.48 0.07 0.00	24.66 0.05 0.00	24.41 0.05 0.00	24.42 0.06 0.00	24.65 0.07 0.00	22.65 0.10 0.00	26.50 0.15 0.00	28.31 0.19 0.00	32.11 0.35 0.00	43.30 0.77 0.00	48.03 1.11 0.00	52.36 1.42 0.00	46.81 1.26 0.00	38.34 0.97 0.00	33.09 0.74 0.00
SLEIGHT__34_KV_TB1 80719	31.65 -0.96 0.00	29.22 -0.88 0.00	28.44 -0.83 0.00	27.48 -0.77 0.00	28.29 -0.81 0.00	29.66 -0.80 0.00	33.31 -0.99 0.00	30.40 -0.89 0.00	27.82 -0.93 0.00	24.52 -0.89 0.00	23.72 -0.89 0.00	23.38 -0.98 0.00	23.31 -1.05 0.00	23.55 -1.03 0.00	21.60 -0.95 0.00	25.19 -1.17 0.00	26.93 -1.19 0.00	30.52 -1.24 0.00	40.93 -1.60 0.00	45.28 -1.64 0.00	49.18 -1.76 0.00	44.04 -1.51 0.00	36.13 -1.24 0.00	31.29 -1.06 0.00
SOUTH CAIRO___GT 23612	34.23 1.63 0.00	31.57 1.47 0.00	30.69 1.42 0.00	29.60 1.35 0.00	30.50 1.40 0.00	31.96 1.51 0.00	36.06 1.76 0.00	32.74 1.45 0.00	29.70 0.95 0.00	26.20 0.80 0.00	25.32 0.72 0.00	25.11 0.75 0.00	25.13 0.76 0.00	25.38 0.81 0.00	23.37 0.82 0.00	27.50 1.15 0.00	29.38 1.26 0.00	33.32 1.56 0.00	44.75 2.23 0.00	49.43 2.51 0.00	54.00 3.06 0.00	48.34 2.80 0.00	39.57 2.20 0.00	34.30 1.95 0.00
SOUTH HAMPTN___IC 23720	36.48 3.87 0.00	42.43 3.42 -8.92	32.44 3.17 0.00	31.27 3.02 0.00	32.40 3.30 0.00	33.61 3.16 0.00	37.89 3.60 0.00	34.44 3.16 0.00	31.72 2.97 0.00	27.68 2.28 0.00	27.10 2.49 0.00	27.04 2.69 0.00	27.06 2.70 0.00	27.28 2.71 0.00	25.20 2.65 0.00	29.72 3.37 0.00	31.89 3.77 0.00	36.01 4.24 0.00	48.04 5.52 0.00	52.90 5.98 0.00	57.31 6.37 0.00	50.90 5.36 0.00	41.76 4.39 0.00	35.86 3.51 0.00
SOUTHDOW__115KV_TB1 355954	30.45 -1.73 0.43	28.25 -1.65 0.20	27.70 -1.58 0.00	26.85 -1.40 0.00	25.56 -1.55 1.99	12.98 -1.60 15.88	17.55 -1.99 14.75	13.60 -1.35 16.32	25.62 -1.07 2.06	24.29 -1.06 0.06	23.54 -1.07 0.00	23.39 -0.97 0.00	23.28 -1.08 0.00	23.51 -1.06 0.00	21.52 -1.03 0.00	22.94 -1.51 1.91	24.86 -1.83 1.43	24.61 -1.88 5.26	28.51 -2.82 11.19	32.52 -3.10 11.29	35.95 -3.70 11.30	33.34 -3.23 8.98	26.12 -2.83 8.42	21.07 -2.60 8.68
SOUTHOLD_69_KV_BK 2 55809	36.87 4.26 0.00	42.76 3.76 -8.91	32.78 3.50 0.00	31.59 3.34 0.00	32.69 3.60 0.00	33.60 3.15 0.00	37.72 3.42 0.00	34.25 2.97 0.00	31.51 2.76 0.00	27.51 2.10 0.00	26.95 2.35 0.00	26.98 2.62 0.00	26.99 2.63 0.00	27.28 2.71 0.00	25.24 2.69 0.00	29.84 3.48 0.00	31.99 3.88 0.00	36.28 4.52 0.00	48.59 6.07 0.00	53.56 6.64 0.00	58.08 7.14 0.00	51.58 6.03 0.00	42.26 4.89 0.00	36.30 3.95 0.00
SOUTHOLD___IC 23719	36.87 4.26 0.00	42.77 3.76 -8.91	32.78 3.50 0.00	31.59 3.34 0.00	32.69 3.60 0.00	33.60 3.14 0.00	37.71 3.42 0.00	34.23 2.95 0.00	31.51 2.76 0.00	27.51 2.10 0.00	26.95 2.35 0.00	26.98 2.62 0.00	26.99 2.62 0.00	27.28 2.71 0.00	25.24 2.69 0.00	29.84 3.48 0.00	31.99 3.88 0.00	36.28 4.52 0.00	48.59 6.06 0.00	53.56 6.64 0.00	58.08 7.13 0.00	51.57 6.02 0.00	42.25 4.88 0.00	36.30 3.94 0.00
SOUTH_FORK_WT_PWR 323839	36.96 4.35 0.00	42.84 3.83 -8.91	32.85 3.57 0.00	31.66 3.41 0.00	32.73 3.64 0.00	33.38 2.92 0.00	37.34 3.05 0.00	33.85 2.57 0.00	31.14 2.40 0.00	27.21 1.81 0.00	26.69 2.09 0.00	26.78 2.43 0.00	26.79 2.43 0.00	27.15 2.57 0.00	25.14 2.59 0.00	29.76 3.40 0.00	31.87 3.76 0.00	36.22 4.46 0.00	48.63 6.11 0.00	53.64 6.72 0.00	58.20 7.26 0.00	51.66 6.12 0.00	42.33 4.96 0.00	36.39 4.04 0.00

SPIERFLS_115KV_TB1 80737	34.63 2.02 0.00	31.94 1.84 0.00	31.10 1.82 0.00	30.01 1.76 0.00	30.95 1.86 0.00	32.40 1.95 0.00	36.60 2.31 0.00	33.17 1.88 0.00	29.96 1.21 0.00	26.41 1.01 0.00	25.42 0.81 0.00	25.20 0.84 0.00	25.18 0.82 0.00	25.39 0.81 0.00	23.41 0.86 0.00	27.53 1.17 0.00	29.58 1.46 0.00	33.52 1.75 0.00	45.22 2.70 0.00	50.11 3.19 0.00	54.40 3.46 0.00	48.77 3.22 0.00	39.91 2.54 0.00	34.53 2.18 0.00
ST LAWRENCE____ 23600	32.12 -0.49 0.00	29.70 -0.40 0.00	28.93 -0.35 0.00	27.92 -0.33 0.00	28.69 -0.40 0.00	30.05 -0.41 0.00	33.95 -0.34 0.00	31.02 -0.26 0.00	28.61 -0.14 0.00	25.22 -0.19 0.00	24.35 -0.25 0.00	24.06 -0.30 0.00	24.01 -0.35 0.00	24.19 -0.38 0.00	22.16 -0.39 0.00	25.89 -0.47 0.00	27.64 -0.47 0.00	31.30 -0.46 0.00	42.04 -0.48 0.00	46.38 -0.54 0.00	50.36 -0.58 0.00	45.14 -0.41 0.00	37.06 -0.31 0.00	32.02 -0.33 0.00
STATE_CA_115KV_115_LB 55624	33.46 0.85 0.00	30.89 0.79 0.00	30.04 0.77 0.00	28.98 0.73 0.00	29.84 0.74 0.00	31.21 0.75 0.00	35.15 0.86 0.00	31.96 0.68 0.00	29.17 0.42 0.00	25.90 0.49 0.00	25.11 0.50 0.00	24.90 0.54 0.00	24.92 0.55 0.00	25.14 0.57 0.00	23.13 0.58 0.00	27.19 0.83 0.00	28.94 0.83 0.00	32.64 0.88 0.00	43.68 1.16 0.00	48.10 1.18 0.00	52.37 1.43 0.00	46.90 1.35 0.00	38.47 1.10 0.00	33.45 1.10 0.00
STATE_ST_34_KV_LOAD 55959	32.69 0.03 -0.05	30.13 0.02 -0.02	29.28 0.00 0.00	28.27 0.02 0.00	29.26 -0.05 -0.21	32.10 -0.04 -1.69	35.83 -0.03 -1.57	32.84 -0.18 -1.74	28.74 -0.23 -0.22	25.06 -0.35 -0.01	24.24 -0.37 0.00	23.95 -0.41 0.00	23.95 -0.42 0.00	24.25 -0.33 0.00	22.21 -0.33 0.00	26.27 -0.30 -0.21	27.83 -0.28 0.00	31.44 -0.32 0.00	42.16 -0.37 0.00	46.76 -0.16 0.00	50.80 -0.15 0.00	45.47 -0.07 0.00	37.32 -0.05 0.00	32.24 -0.11 0.00
STATION 5_MISC_HYD 23604	31.41 -1.15 0.05	29.05 -1.02 0.02	28.33 -0.94 0.00	27.38 -0.87 0.00	27.98 -0.89 0.22	27.83 -0.84 1.78	31.50 -1.14 1.66	28.61 -0.84 1.83	27.66 -0.85 0.23	24.60 -0.80 0.01	23.78 -0.83 0.00	23.41 -0.94 0.00	23.33 -1.03 0.00	23.53 -1.04 0.00	21.59 -0.96 0.00	25.10 -1.26 0.00	26.84 -1.27 0.00	30.49 -1.27 0.00	40.82 -1.71 0.00	45.06 -1.86 0.00	48.87 -2.07 0.00	43.79 -1.76 0.00	35.94 -1.43 0.00	31.17 -1.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.80 -0.81 0.00	29.35 -0.75 0.00	28.57 -0.70 0.00	27.60 -0.65 0.00	28.44 -0.66 0.00	29.83 -0.62 0.00	33.46 -0.83 0.00	30.58 -0.70 0.00	28.05 -0.70 0.00	24.73 -0.68 0.00	23.90 -0.70 0.00	23.55 -0.80 0.00	23.50 -0.87 0.00	23.71 -0.87 0.00	21.75 -0.79 0.00	25.34 -1.02 0.00	27.09 -1.02 0.00	30.73 -1.03 0.00	41.21 -1.32 0.00	45.55 -1.37 0.00	49.43 -1.52 0.00	44.25 -1.30 0.00	36.29 -1.08 0.00	31.44 -0.91 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.33 -1.28 0.00	28.96 -1.14 0.00	28.22 -1.06 0.00	27.26 -0.99 0.00	28.08 -1.02 0.00	29.45 -1.01 0.00	32.99 -1.30 0.00	30.23 -1.05 0.00	27.76 -0.99 0.00	24.49 -0.91 0.00	23.68 -0.93 0.00	23.33 -1.03 0.00	23.25 -1.12 0.00	23.44 -1.14 0.00	21.50 -1.05 0.00	25.00 -1.35 0.00	26.73 -1.38 0.00	30.34 -1.43 0.00	40.60 -1.93 0.00	44.82 -2.10 0.00	48.63 -2.32 0.00	43.56 -1.99 0.00	35.75 -1.62 0.00	31.00 -1.35 0.00
STA_56____34_KV_BUS2 355983	31.33 -1.28 0.00	28.96 -1.14 0.00	28.22 -1.06 0.00	27.26 -0.99 0.00	28.08 -1.02 0.00	29.45 -1.01 0.00	32.99 -1.30 0.00	30.23 -1.05 0.00	27.76 -0.99 0.00	24.49 -0.91 0.00	23.68 -0.93 0.00	23.33 -1.03 0.00	23.25 -1.12 0.00	23.44 -1.14 0.00	21.50 -1.05 0.00	25.00 -1.35 0.00	26.73 -1.38 0.00	30.34 -1.43 0.00	40.60 -1.93 0.00	44.82 -2.10 0.00	48.63 -2.32 0.00	43.56 -1.99 0.00	35.75 -1.62 0.00	31.00 -1.35 0.00
STA_67____115KV_BK2 355882	31.36 -1.20 0.05	29.01 -1.07 0.02	28.30 -0.98 0.00	27.34 -0.91 0.00	27.94 -0.93 0.22	27.80 -0.92 1.74	31.45 -1.22 1.62	28.52 -0.97 1.79	27.62 -0.90 0.23	24.56 -0.84 0.01	23.74 -0.87 0.00	23.38 -0.98 0.00	23.30 -1.07 0.00	23.48 -1.09 0.00	21.55 -0.99 0.00	25.06 -1.30 0.00	26.79 -1.32 0.00	30.41 -1.35 0.00	40.69 -1.84 0.00	44.92 -2.00 0.00	48.75 -2.20 0.00	43.68 -1.87 0.00	35.85 -1.52 0.00	31.09 -1.26 0.00
STA_7____115KV_9TRANS 80674	31.52 -1.04 0.05	29.16 -0.92 0.02	28.42 -0.85 0.00	27.46 -0.79 0.00	28.04 -0.82 0.24	27.75 -0.78 1.93	31.44 -1.06 1.80	28.48 -0.82 1.99	27.73 -0.76 0.25	24.68 -0.72 0.01	23.87 -0.74 0.00	23.49 -0.86 0.00	23.42 -0.95 0.00	23.61 -0.97 0.00	21.67 -0.88 0.00	25.19 -1.17 0.00	26.93 -1.18 0.00	30.59 -1.17 0.00	40.93 -1.59 0.00	45.19 -1.72 0.00	49.03 -1.91 0.00	43.94 -1.61 0.00	36.05 -1.32 0.00	31.26 -1.10 0.00
STA_82____115KV_TB1 80780	31.30 -1.27 0.05	28.97 -1.11 0.02	28.25 -1.03 0.00	27.30 -0.95 0.00	27.90 -0.98 0.21	27.78 -0.96 1.71	31.43 -1.28 1.59	28.51 -1.01 1.76	27.57 -0.95 0.22	24.51 -0.89 0.01	23.69 -0.91 0.00	23.33 -1.03 0.00	23.26 -1.11 0.00	23.44 -1.14 0.00	21.51 -1.04 0.00	25.02 -1.34 0.00	26.74 -1.37 0.00	30.35 -1.41 0.00	40.61 -1.92 0.00	44.83 -2.09 0.00	48.65 -2.29 0.00	43.59 -1.96 0.00	35.78 -1.60 0.00	31.04 -1.31 0.00
STEEL____WIND 323596	29.70 -2.44 0.47	27.68 -2.20 0.22	27.22 -2.05 0.00	26.34 -1.91 0.00	24.93 -1.99 2.18	11.17 -1.89 17.40	15.64 -2.49 16.16	11.58 -1.82 17.88	24.76 -1.73 2.25	23.71 -1.63 0.06	22.95 -1.66 0.00	22.64 -1.72 0.00	22.51 -1.86 0.00	22.67 -1.90 0.00	20.78 -1.76 0.00	21.89 -2.35 2.12	23.31 -2.53 2.27	20.80 -2.60 8.36	21.10 -3.64 17.78	24.87 -4.11 17.94	28.25 -4.74 17.95	27.24 -4.04 14.26	20.78 -3.21 13.38	15.82 -2.74 13.79
STEPHTWN_115KV_BK_2 55603	33.54 0.93 0.00	30.96 0.86 0.00	30.11 0.84 0.00	29.04 0.79 0.00	29.91 0.82 0.00	31.30 0.84 0.00	35.27 0.98 0.00	32.07 0.79 0.00	29.24 0.50 0.00	25.96 0.55 0.00	25.16 0.55 0.00	24.94 0.59 0.00	24.97 0.60 0.00	25.18 0.61 0.00	23.16 0.62 0.00	27.23 0.87 0.00	28.99 0.88 0.00	32.73 0.96 0.00	43.83 1.31 0.00	48.26 1.35 0.00	52.56 1.62 0.00	47.06 1.51 0.00	38.58 1.21 0.00	33.55 1.20 0.00
STEBEN_REC_LFGE 323667	32.41 -1.13 -0.92	29.05 -1.48 -0.43	27.43 -1.85 -0.01	26.48 -1.77 0.00	31.65 -1.75 -4.30	63.34 -1.48 -34.37	64.44 -1.79 -31.93	65.19 -1.42 -35.32	31.94 -1.26 -4.45	24.45 -1.08 -0.12	23.53 -1.08 0.00	23.05 -1.31 0.00	23.00 -1.37 0.00	23.25 -1.33 0.00	21.38 -1.17 0.00	29.21 -1.40 -4.25	30.65 -1.41 -3.95	45.03 -1.28 -14.55	71.90 -1.56 -30.94	76.49 -1.63 -31.20	80.09 -2.08 -31.22	68.32 -2.04 -24.82	58.69 -1.96 -23.27	54.49 -1.85 -24.00
STILLWATER____SOLAR 323814	34.26 1.65 0.00	31.60 1.49 0.00	30.75 1.47 0.00	29.67 1.42 0.00	30.60 1.50 0.00	32.01 1.55 0.00	36.13 1.83 0.00	32.76 1.48 0.00	29.72 0.97 0.00	26.26 0.85 0.00	25.38 0.77 0.00	25.16 0.80 0.00	25.17 0.80 0.00	25.40 0.82 0.00	23.39 0.85 0.00	27.48 1.12 0.00	29.36 1.25 0.00	33.24 1.47 0.00	44.66 2.14 0.00	49.42 2.50 0.00	53.76 2.82 0.00	48.13 2.59 0.00	39.39 2.02 0.00	34.09 1.74 0.00

STONY___BROOK 24151	35.89 3.27 0.00	41.40 2.90 -8.40	31.93 2.65 0.00	30.77 2.52 0.00	31.86 2.76 0.00	33.35 2.90 0.00	37.75 3.46 0.00	34.41 3.13 0.00	31.69 2.94 0.00	27.58 2.17 0.00	27.06 2.45 0.00	26.94 2.58 0.00	26.98 2.61 0.00	27.12 2.55 0.00	25.00 2.46 0.00	29.43 3.07 0.00	31.56 3.45 0.00	35.56 3.80 0.00	47.29 4.76 0.00	51.98 5.06 0.00	56.36 5.42 0.00	50.10 4.56 0.00	41.07 3.70 0.00	35.23 2.88 0.00
STURGEON_POOL_HYD 23609	34.48 1.87 0.00	31.76 1.66 0.00	30.85 1.57 0.00	29.74 1.49 0.00	30.69 1.59 0.00	32.17 1.71 0.00	36.40 2.10 0.00	33.34 2.06 0.00	30.69 1.94 0.00	27.18 1.78 0.00	26.37 1.77 0.00	26.12 1.77 0.00	26.16 1.79 0.00	26.41 1.84 0.00	24.30 1.76 0.00	28.52 2.16 0.00	30.45 2.34 0.00	34.25 2.49 0.00	45.57 3.04 0.00	50.13 3.21 0.00	54.56 3.62 0.00	48.63 3.08 0.00	39.73 2.35 0.00	34.14 1.79 0.00
ST_LAW_115_BK7_LBMP 345037	32.07 -0.53 0.00	29.66 -0.43 0.00	28.90 -0.38 0.00	27.89 -0.36 0.00	28.66 -0.44 0.00	30.02 -0.44 0.00	33.93 -0.36 0.00	31.00 -0.28 0.00	28.59 -0.16 0.00	25.20 -0.21 0.00	24.33 -0.27 0.00	24.03 -0.33 0.00	23.99 -0.38 0.00	24.16 -0.41 0.00	22.12 -0.43 0.00	25.85 -0.51 0.00	27.61 -0.50 0.00	31.25 -0.51 0.00	42.00 -0.52 0.00	46.34 -0.58 0.00	50.31 -0.63 0.00	45.11 -0.43 0.00	37.04 -0.34 0.00	31.99 -0.36 0.00
ST_LAW_115_BK8_LBMP 345038	32.07 -0.53 0.00	29.66 -0.43 0.00	28.90 -0.38 0.00	27.89 -0.36 0.00	28.66 -0.44 0.00	30.02 -0.44 0.00	33.93 -0.36 0.00	31.00 -0.28 0.00	28.59 -0.16 0.00	25.20 -0.21 0.00	24.33 -0.27 0.00	24.03 -0.33 0.00	23.99 -0.38 0.00	24.16 -0.41 0.00	22.12 -0.43 0.00	25.85 -0.51 0.00	27.61 -0.50 0.00	31.25 -0.51 0.00	42.00 -0.52 0.00	46.34 -0.58 0.00	50.31 -0.63 0.00	45.11 -0.43 0.00	37.04 -0.34 0.00	31.99 -0.36 0.00
ST_LAW_230_BK5_LBMP 345035	32.12 -0.49 0.00	29.70 -0.40 0.00	28.93 -0.35 0.00	27.92 -0.33 0.00	28.69 -0.40 0.00	30.05 -0.41 0.00	33.95 -0.34 0.00	31.02 -0.26 0.00	28.61 -0.14 0.00	25.22 -0.19 0.00	24.35 -0.25 0.00	24.06 -0.30 0.00	24.01 -0.35 0.00	24.19 -0.38 0.00	22.16 -0.39 0.00	25.89 -0.47 0.00	27.64 -0.47 0.00	31.30 -0.46 0.00	42.04 -0.48 0.00	46.38 -0.54 0.00	50.36 -0.58 0.00	45.14 -0.41 0.00	37.06 -0.31 0.00	32.02 -0.33 0.00
ST_LAW_230_BK6_LBMP 345036	32.12 -0.49 0.00	29.70 -0.40 0.00	28.93 -0.35 0.00	27.92 -0.33 0.00	28.69 -0.40 0.00	30.05 -0.41 0.00	33.95 -0.34 0.00	31.02 -0.26 0.00	28.61 -0.14 0.00	25.22 -0.19 0.00	24.35 -0.25 0.00	24.06 -0.30 0.00	24.01 -0.35 0.00	24.19 -0.38 0.00	22.16 -0.39 0.00	25.89 -0.47 0.00	27.64 -0.47 0.00	31.30 -0.46 0.00	42.04 -0.48 0.00	46.38 -0.54 0.00	50.36 -0.58 0.00	45.14 -0.41 0.00	37.06 -0.31 0.00	32.02 -0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.48 1.87 0.00	31.76 1.66 0.00	30.84 1.57 0.00	29.73 1.48 0.00	30.68 1.58 0.00	32.19 1.73 0.00	36.39 2.10 0.00	33.32 2.03 0.00	30.66 1.91 0.00	27.16 1.75 0.00	26.36 1.75 0.00	26.12 1.77 0.00	26.15 1.78 0.00	26.39 1.82 0.00	24.26 1.72 0.00	28.47 2.11 0.00	30.41 2.29 0.00	34.21 2.45 0.00	45.51 2.99 0.00	50.06 3.14 0.00	54.49 3.55 0.00	48.57 3.02 0.00	39.69 2.32 0.00	34.13 1.78 0.00
SWANROAD_115KV_TB1 355699	28.92 -3.34 0.35	27.01 -2.92 0.17	26.69 -2.58 0.00	25.86 -2.39 0.00	25.01 -2.45 1.64	14.98 -2.34 13.14	19.06 -3.03 12.20	15.37 -2.41 13.50	24.67 -2.38 1.70	23.07 -2.29 0.05	22.28 -2.33 0.00	21.96 -2.40 0.00	21.81 -2.55 0.00	21.90 -2.67 0.00	20.07 -2.48 0.00	21.62 -3.18 1.56	23.11 -3.30 1.70	22.11 -3.39 6.27	24.27 -4.93 13.32	27.77 -5.71 13.43	31.16 -6.34 13.44	29.64 -5.23 10.68	23.46 -3.90 10.02	18.80 -3.22 10.33
SYNERGY___BIOGAS 323694	30.69 -1.69 0.23	28.52 -1.46 0.11	27.99 -1.28 0.00	27.08 -1.17 0.00	26.82 -1.18 1.10	20.66 -1.05 8.75	24.67 -1.50 8.13	21.09 -1.20 8.99	26.26 -1.36 1.14	23.99 -1.38 0.03	23.18 -1.43 0.00	22.70 -1.66 0.00	22.56 -1.81 0.00	22.70 -1.87 0.00	20.85 -1.70 0.00	23.08 -2.25 1.03	24.67 -2.32 1.12	25.39 -2.24 4.13	30.70 -3.04 8.79	34.88 -3.18 8.86	38.74 -3.33 8.87	35.85 -2.65 7.05	28.74 -2.02 6.61	23.83 -1.70 6.81
SYRACUSE___ENERGY_ST1 323597	32.44 -0.17 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.16 0.00	30.28 -0.17 0.00	34.02 -0.28 0.00	30.97 -0.31 0.00	28.39 -0.36 0.00	25.04 -0.36 0.00	24.26 -0.35 0.00	23.99 -0.37 0.00	24.00 -0.36 0.00	24.23 -0.35 0.00	22.21 -0.33 0.00	25.97 -0.39 0.00	27.72 -0.39 0.00	31.35 -0.41 0.00	42.00 -0.52 0.00	46.42 -0.50 0.00	50.45 -0.49 0.00	45.13 -0.42 0.00	37.06 -0.32 0.00	32.14 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	32.44 -0.17 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.16 0.00	30.28 -0.17 0.00	34.02 -0.28 0.00	30.97 -0.31 0.00	28.39 -0.36 0.00	25.04 -0.36 0.00	24.26 -0.35 0.00	23.99 -0.37 0.00	24.00 -0.36 0.00	24.23 -0.35 0.00	22.21 -0.33 0.00	25.97 -0.39 0.00	27.72 -0.39 0.00	31.35 -0.41 0.00	42.00 -0.52 0.00	46.42 -0.50 0.00	50.45 -0.49 0.00	45.13 -0.42 0.00	37.06 -0.32 0.00	32.14 -0.21 0.00
SYRACUSE___POWER 24017	32.45 -0.16 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.15 0.00	30.30 -0.16 0.00	34.02 -0.28 0.00	31.00 -0.28 0.00	28.41 -0.33 0.00	25.07 -0.34 0.00	24.29 -0.32 0.00	24.01 -0.35 0.00	24.05 -0.32 0.00	24.25 -0.32 0.00	22.25 -0.29 0.00	26.00 -0.36 0.00	27.74 -0.37 0.00	31.39 -0.37 0.00	42.05 -0.48 0.00	46.46 -0.46 0.00	50.50 -0.44 0.00	45.15 -0.40 0.00	37.09 -0.28 0.00	32.16 -0.19 0.00
TALLMAN__138KV_BK151 55660	34.67 2.06 0.00	31.93 1.84 0.00	31.00 1.72 0.00	29.89 1.63 0.00	30.84 1.75 0.00	32.37 1.91 0.00	36.61 2.32 0.00	33.54 2.26 0.00	30.92 2.17 0.00	27.40 1.99 0.00	26.60 1.99 0.00	26.35 1.99 0.00	26.37 2.01 0.00	26.62 2.05 0.00	24.49 1.94 0.00	28.74 2.38 0.00	30.69 2.58 0.00	34.49 2.73 0.00	45.85 3.33 0.00	50.40 3.48 0.00	54.87 3.93 0.00	48.88 3.33 0.00	39.92 2.55 0.00	34.31 1.96 0.00
TEALLAVE_115KV_TB7 355573	32.27 -0.34 0.00	29.77 -0.33 0.00	28.94 -0.34 0.00	27.93 -0.33 0.00	28.77 -0.32 0.00	30.12 -0.33 0.00	33.82 -0.48 0.00	30.84 -0.45 0.00	28.27 -0.47 0.00	24.96 -0.45 0.00	24.18 -0.42 0.00	23.93 -0.43 0.00	23.93 -0.43 0.00	24.15 -0.43 0.00	22.15 -0.39 0.00	25.87 -0.49 0.00	27.60 -0.51 0.00	31.22 -0.55 0.00	41.80 -0.72 0.00	46.16 -0.76 0.00	50.17 -0.77 0.00	44.87 -0.68 0.00	36.86 -0.51 0.00	31.98 -0.37 0.00
TELGRAPH_34_KV_EAST 80808	29.87 -2.45 0.29	27.82 -2.14 0.14	27.38 -1.90 0.00	26.50 -1.75 0.00	25.95 -1.79 1.36	17.94 -1.67 10.85	21.98 -2.24 10.08	18.37 -1.76 11.15	25.56 -1.78 1.41	23.65 -1.72 0.04	22.84 -1.77 0.00	22.46 -1.90 0.00	22.31 -2.06 0.00	22.43 -2.15 0.00	20.58 -1.96 0.00	22.50 -2.58 1.29	24.04 -2.66 1.41	23.91 -2.68 5.18	27.71 -3.80 11.01	31.54 -4.28 11.10	35.13 -4.69 11.11	32.87 -3.85 8.83	26.17 -2.93 8.28	21.38 -2.43 8.54

TEMPLE___115KV_TB 2 55572	32.28 -0.33 0.00	29.78 -0.32 0.00	28.95 -0.33 0.00	27.94 -0.32 0.00	28.79 -0.31 0.00	30.13 -0.32 0.00	33.83 -0.46 0.00	30.85 -0.44 0.00	28.29 -0.46 0.00	24.98 -0.43 0.00	24.20 -0.40 0.00	23.94 -0.42 0.00	23.95 -0.41 0.00	24.16 -0.41 0.00	22.17 -0.38 0.00	25.89 -0.47 0.00	27.62 -0.49 0.00	31.24 -0.52 0.00	41.83 -0.70 0.00	46.19 -0.73 0.00	50.19 -0.75 0.00	44.89 -0.66 0.00	36.87 -0.50 0.00	31.99 -0.36 0.00
TIANA___69_KV_BK 1 55817	36.37 3.76 0.00	42.32 3.31 -8.91	32.35 3.07 0.00	31.17 2.92 0.00	32.31 3.21 0.00	33.63 3.18 0.00	37.95 3.66 0.00	34.52 3.24 0.00	31.79 3.05 0.00	27.74 2.34 0.00	27.14 2.53 0.00	27.05 2.69 0.00	27.08 2.71 0.00	27.28 2.70 0.00	25.17 2.63 0.00	29.68 3.32 0.00	31.85 3.73 0.00	35.93 4.17 0.00	47.89 5.36 0.00	52.71 5.79 0.00	57.10 6.16 0.00	50.73 5.18 0.00	41.62 4.25 0.00	35.74 3.39 0.00
TILDEN___115KV_TB1 80814	32.45 -0.16 0.00	29.92 -0.17 0.00	29.10 -0.18 0.00	28.08 -0.17 0.00	28.94 -0.15 0.00	30.30 -0.16 0.00	34.02 -0.28 0.00	31.00 -0.28 0.00	28.41 -0.33 0.00	25.07 -0.34 0.00	24.29 -0.32 0.00	24.01 -0.35 0.00	24.05 -0.32 0.00	24.25 -0.32 0.00	22.25 -0.29 0.00	26.00 -0.36 0.00	27.74 -0.37 0.00	31.39 -0.37 0.00	42.05 -0.48 0.00	46.46 -0.46 0.00	50.50 -0.44 0.00	45.15 -0.40 0.00	37.09 -0.28 0.00	32.16 -0.19 0.00
TRIGEN___CC 323695	35.11 2.49 0.00	32.30 2.20 0.00	31.30 2.02 0.00	30.18 1.93 0.00	31.20 2.10 0.00	32.71 2.26 0.00	37.02 2.73 0.00	33.88 2.60 0.00	31.22 2.47 0.00	27.49 2.08 0.00	26.83 2.22 0.00	26.64 2.28 0.00	26.64 2.28 0.00	26.83 2.26 0.00	24.71 2.17 0.00	29.05 2.69 0.00	31.07 2.96 0.00	34.89 3.12 0.00	46.37 3.85 0.00	50.95 4.03 0.00	55.34 4.40 0.00	49.27 3.72 0.00	40.30 2.93 0.00	34.57 2.23 0.00
TRINITY___115KV___ 4 BK 55933	33.35 0.74 0.00	30.80 0.70 0.00	29.96 0.68 0.00	28.89 0.64 0.00	29.75 0.66 0.00	31.11 0.66 0.00	35.05 0.75 0.00	31.86 0.57 0.00	29.07 0.32 0.00	25.84 0.43 0.00	25.05 0.44 0.00	24.84 0.48 0.00	24.87 0.50 0.00	25.07 0.50 0.00	23.07 0.52 0.00	27.11 0.75 0.00	28.85 0.74 0.00	32.53 0.76 0.00	43.50 0.98 0.00	47.91 0.99 0.00	52.17 1.23 0.00	46.73 1.18 0.00	38.33 0.96 0.00	33.34 0.99 0.00
UNION___PROCESSING_DRP 323587	31.30 -1.26 0.05	28.97 -1.11 0.02	28.26 -1.02 0.00	27.30 -0.95 0.00	27.89 -0.98 0.23	27.68 -0.96 1.81	31.35 -1.26 1.68	28.41 -1.01 1.86	27.56 -0.95 0.23	24.51 -0.89 0.01	23.69 -0.91 0.00	23.34 -1.02 0.00	23.26 -1.11 0.00	23.44 -1.14 0.00	21.51 -1.04 0.00	25.02 -1.34 0.00	26.74 -1.37 0.00	30.35 -1.41 0.00	40.62 -1.91 0.00	44.84 -2.08 0.00	48.66 -2.28 0.00	43.59 -1.95 0.00	35.78 -1.59 0.00	31.04 -1.31 0.00
UPPER HUDSON___HYD 24058	34.63 2.02 0.00	31.94 1.84 0.00	31.10 1.82 0.00	30.01 1.76 0.00	30.95 1.86 0.00	32.40 1.95 0.00	36.60 2.31 0.00	33.16 1.88 0.00	29.96 1.21 0.00	26.41 1.01 0.00	25.42 0.81 0.00	25.19 0.84 0.00	25.18 0.82 0.00	25.39 0.81 0.00	23.41 0.86 0.00	27.53 1.17 0.00	29.58 1.46 0.00	33.52 1.75 0.00	45.22 2.70 0.00	50.11 3.19 0.00	54.41 3.46 0.00	48.77 3.22 0.00	39.91 2.54 0.00	34.53 2.18 0.00
UPPER RAQUET___HYD 24056	32.01 -0.60 0.00	29.61 -0.49 0.00	28.82 -0.46 0.00	27.80 -0.45 0.00	28.56 -0.54 0.00	29.96 -0.49 0.00	33.83 -0.47 0.00	30.72 -0.57 0.00	28.28 -0.47 0.00	24.90 -0.50 0.00	24.02 -0.59 0.00	23.71 -0.65 0.00	23.65 -0.72 0.00	23.83 -0.75 0.00	21.81 -0.74 0.00	25.49 -0.87 0.00	27.23 -0.88 0.00	30.55 -1.22 0.00	41.14 -1.39 0.00	45.55 -1.37 0.00	49.91 -1.03 0.00	44.96 -0.58 0.00	37.16 -0.21 0.00	32.05 -0.30 0.00
VALLEY44___115KV_TB2 355964	30.00 -2.21 0.40	27.86 -2.05 0.19	27.30 -1.97 0.00	26.43 -1.82 0.00	25.40 -1.86 1.84	13.88 -1.84 14.73	18.15 -2.45 13.69	14.30 -1.84 15.15	25.18 -1.66 1.91	23.85 -1.51 0.05	23.06 -1.55 0.00	22.81 -1.55 0.00	22.75 -1.61 0.00	22.94 -1.64 0.00	21.03 -1.51 0.00	22.49 -2.11 1.76	24.48 -2.46 1.17	24.87 -2.58 4.31	29.71 -3.65 9.16	33.62 -4.06 9.24	37.01 -4.68 9.25	34.19 -4.00 7.35	27.20 -3.28 6.89	22.46 -2.78 7.11
VALLEY___115KV_TB 1-4 80826	33.77 1.16 0.00	31.24 1.14 0.00	30.43 1.15 0.00	29.36 1.11 0.00	30.26 1.16 0.00	31.69 1.23 0.00	35.57 1.37 0.00	32.08 0.80 0.00	29.01 0.26 0.00	25.58 0.17 0.00	24.80 0.19 0.00	24.58 0.22 0.00	24.62 0.25 0.00	24.86 0.28 0.00	22.90 0.35 0.00	26.93 0.57 0.00	28.70 0.58 0.00	32.57 0.80 0.00	43.96 1.44 0.00	48.88 1.96 0.00	53.33 2.39 0.00	47.79 2.24 0.00	39.10 1.73 0.00	33.74 1.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.84 1.23 0.00	31.19 1.09 0.00	30.33 1.06 0.00	29.26 1.01 0.00	30.18 1.08 0.00	31.65 1.19 0.00	35.66 1.37 0.00	32.51 1.23 0.00	29.81 1.06 0.00	26.36 0.95 0.00	25.50 0.90 0.00	25.29 0.93 0.00	25.33 0.97 0.00	25.55 0.98 0.00	23.47 0.92 0.00	27.42 1.06 0.00	29.28 1.17 0.00	33.18 1.41 0.00	44.47 1.95 0.00	49.13 2.21 0.00	53.43 2.49 0.00	47.71 2.17 0.00	39.02 1.64 0.00	33.64 1.29 0.00
VISCHER___FERRY HYD 24020	33.87 1.25 0.00	31.24 1.14 0.00	30.40 1.12 0.00	29.34 1.08 0.00	30.23 1.14 0.00	31.61 1.15 0.00	35.67 1.38 0.00	32.41 1.13 0.00	29.49 0.74 0.00	26.16 0.75 0.00	25.34 0.73 0.00	25.12 0.76 0.00	25.13 0.76 0.00	25.33 0.76 0.00	23.32 0.77 0.00	27.38 1.02 0.00	29.15 1.04 0.00	32.92 1.15 0.00	44.08 1.56 0.00	48.70 1.78 0.00	53.04 2.09 0.00	47.51 1.96 0.00	38.89 1.51 0.00	33.69 1.34 0.00
V_A_10_SYNC_DSASP 323832	29.82 -2.53 0.26	27.77 -2.21 0.12	27.27 -2.01 0.00	26.38 -1.87 0.00	25.95 -1.95 1.20	18.93 -1.97 9.56	22.88 -2.53 8.88	19.44 -2.02 9.82	25.70 -1.81 1.24	23.69 -1.68 0.04	22.90 -1.71 0.00	22.58 -1.78 0.00	22.48 -1.89 0.00	22.60 -1.98 0.00	20.71 -1.84 0.00	22.85 -2.39 1.12	24.35 -2.53 1.23	24.52 -2.73 4.52	29.12 -3.80 9.60	32.94 -4.29 9.68	36.46 -4.79 9.69	33.75 -4.09 7.70	26.89 -3.26 7.22	22.22 -2.68 7.45
V_CMM_10_SYNC_DSASP 323787	32.22 -0.40 0.00	29.80 -0.30 0.00	29.03 -0.25 0.00	28.02 -0.23 0.00	28.79 -0.30 0.00	30.15 -0.30 0.00	34.09 -0.21 0.00	31.13 -0.15 0.00	28.72 -0.03 0.00	25.31 -0.10 0.00	24.44 -0.17 0.00	24.13 -0.23 0.00	24.08 -0.29 0.00	24.26 -0.31 0.00	22.21 -0.34 0.00	25.95 -0.41 0.00	27.72 -0.40 0.00	31.39 -0.38 0.00	42.18 -0.34 0.00	46.53 -0.38 0.00	50.51 -0.43 0.00	45.30 -0.25 0.00	37.17 -0.20 0.00	32.13 -0.22 0.00
V_CMP_10_SYNC_DSASP 323788	32.93 0.32 0.00	30.43 0.33 0.00	29.64 0.37 0.00	28.59 0.34 0.00	29.39 0.29 0.00	30.84 0.38 0.00	34.82 0.53 0.00	31.75 0.47 0.00	29.14 0.39 0.00	25.74 0.33 0.00	24.85 0.25 0.00	24.54 0.18 0.00	24.52 0.15 0.00	24.82 0.24 0.00	22.73 0.18 0.00	26.57 0.21 0.00	28.33 0.21 0.00	32.15 0.39 0.00	43.22 0.70 0.00	47.58 0.66 0.00	51.65 0.71 0.00	46.24 0.69 0.00	38.05 0.68 0.00	32.79 0.44 0.00

V_D_10_SYNC_DSASP 323841	32.33 -0.28 0.00	29.90 -0.20 0.00	29.13 -0.15 0.00	28.11 -0.14 0.00	28.88 -0.22 0.00	30.27 -0.19 0.00	34.20 -0.09 0.00	31.21 -0.07 0.00	28.77 0.03 0.00	25.35 -0.05 0.00	24.47 -0.13 0.00	24.16 -0.20 0.00	24.11 -0.26 0.00	24.29 -0.28 0.00	22.24 -0.31 0.00	25.98 -0.37 0.00	27.75 -0.36 0.00	31.39 -0.37 0.00	42.20 -0.33 0.00	46.61 -0.30 0.00	50.64 -0.30 0.00	45.42 -0.13 0.00	37.35 -0.02 0.00	32.26 -0.09 0.00
V_E_10_SYNC_DSASP 323830	34.56 1.89 -0.07	31.64 1.51 -0.03	30.72 1.45 0.00	29.72 1.47 0.00	31.16 1.75 -0.31	34.95 1.99 -2.50	38.63 2.01 -2.33	35.32 1.47 -2.57	30.04 0.96 -0.32	25.82 0.40 -0.01	24.93 0.33 0.00	24.75 0.39 0.00	24.81 0.44 0.00	25.09 0.52 0.00	23.10 0.55 0.00	27.41 0.75 -0.30	29.42 0.99 -0.31	34.40 1.48 -1.15	47.54 2.56 -2.45	52.83 3.44 -2.47	57.25 3.83 -2.48	50.80 3.29 -1.97	41.57 2.36 -1.84	36.04 1.79 -1.90
V_F_30_NSYNC___DSASP 323816	34.26 1.65 0.00	31.60 1.50 0.00	30.75 1.47 0.00	29.67 1.42 0.00	30.60 1.50 0.00	32.02 1.56 0.00	36.13 1.84 0.00	32.78 1.50 0.00	29.76 1.01 0.00	26.30 0.89 0.00	25.42 0.81 0.00	25.21 0.85 0.00	25.21 0.85 0.00	25.44 0.87 0.00	23.43 0.88 0.00	27.51 1.15 0.00	29.39 1.28 0.00	33.27 1.50 0.00	44.70 2.17 0.00	49.44 2.52 0.00	53.80 2.86 0.00	48.15 2.60 0.00	39.40 2.03 0.00	34.09 1.74 0.00
V_F_30_SYNC_DSASP 323786	33.46 0.84 0.00	30.88 0.79 0.00	30.04 0.77 0.00	28.98 0.72 0.00	29.84 0.74 0.00	31.21 0.75 0.00	35.15 0.86 0.00	31.96 0.67 0.00	29.17 0.42 0.00	25.90 0.49 0.00	25.11 0.50 0.00	24.90 0.54 0.00	24.92 0.55 0.00	25.14 0.56 0.00	23.13 0.58 0.00	27.18 0.83 0.00	28.93 0.83 0.00	32.64 0.87 0.00	43.68 1.16 0.00	48.10 1.18 0.00	52.37 1.43 0.00	46.89 1.35 0.00	38.47 1.10 0.00	33.45 1.10 0.00
V_XM_10_SYNC_DSASP 323789	32.93 0.32 0.00	30.43 0.33 0.00	29.64 0.37 0.00	28.59 0.34 0.00	29.39 0.29 0.00	30.84 0.38 0.00	34.82 0.53 0.00	31.75 0.47 0.00	29.14 0.39 0.00	25.74 0.33 0.00	24.85 0.25 0.00	24.54 0.18 0.00	24.52 0.15 0.00	24.82 0.24 0.00	22.73 0.18 0.00	26.57 0.21 0.00	28.33 0.21 0.00	32.15 0.39 0.00	43.22 0.70 0.00	47.58 0.66 0.00	51.65 0.71 0.00	46.24 0.69 0.00	38.05 0.68 0.00	32.79 0.44 0.00
W.BABYLN_69_KV_BK1 56697	35.91 3.29 0.00	34.22 2.89 -1.24	31.94 2.67 0.00	30.78 2.53 0.00	31.84 2.74 0.00	33.38 2.92 0.00	37.80 3.51 0.00	34.56 3.28 0.00	31.77 3.02 0.00	27.82 2.41 0.00	27.16 2.55 0.00	27.02 2.66 0.00	27.00 2.64 0.00	27.14 2.57 0.00	25.03 2.48 0.00	29.45 3.09 0.00	31.63 3.51 0.00	35.56 3.79 0.00	47.37 4.85 0.00	52.10 5.17 0.00	56.52 5.58 0.00	50.31 4.76 0.00	41.17 3.80 0.00	35.26 2.91 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.77 2.15 0.00	32.03 1.93 0.00	31.09 1.81 0.00	29.97 1.72 0.00	30.93 1.84 0.00	32.46 2.01 0.00	36.72 2.43 0.00	33.64 2.36 0.00	31.01 2.26 0.00	27.47 2.06 0.00	26.67 2.06 0.00	26.42 2.07 0.00	26.45 2.08 0.00	26.70 2.12 0.00	24.56 2.01 0.00	28.82 2.47 0.00	30.79 2.67 0.00	34.60 2.84 0.00	46.00 3.48 0.00	50.57 3.65 0.00	55.04 4.10 0.00	49.02 3.48 0.00	40.04 2.67 0.00	34.41 2.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.89 2.28 0.00	32.14 2.05 0.00	31.21 1.94 0.00	30.11 1.86 0.00	31.06 1.96 0.00	32.56 2.11 0.00	36.82 2.53 0.00	33.82 2.54 0.00	31.27 2.53 0.00	27.78 2.37 0.00	26.95 2.35 0.00	26.72 2.36 0.00	26.69 2.33 0.00	26.99 2.42 0.00	24.81 2.26 0.00	29.08 2.72 0.00	31.02 2.91 0.00	34.78 3.02 0.00	46.14 3.62 0.00	50.68 3.76 0.00	55.09 4.15 0.00	49.04 3.50 0.00	40.06 2.69 0.00	34.42 2.07 0.00
W50THST__13_KV_LOAD 356117	35.03 2.42 0.00	32.28 2.18 0.00	31.35 2.08 0.00	30.24 1.99 0.00	31.20 2.10 0.00	32.71 2.26 0.00	36.99 2.70 0.00	34.00 2.72 0.00	31.47 2.72 0.00	27.96 2.55 0.00	27.14 2.53 0.00	26.90 2.54 0.00	26.88 2.52 0.00	27.18 2.61 0.00	24.98 2.43 0.00	29.28 2.93 0.00	31.22 3.11 0.00	34.99 3.22 0.00	46.41 3.89 0.00	50.94 4.02 0.00	55.36 4.42 0.00	49.26 3.71 0.00	40.23 2.86 0.00	34.55 2.21 0.00
WADING RIVER_IC_1 23522	36.12 3.51 0.00	42.16 3.09 -8.97	32.13 2.85 0.00	30.96 2.71 0.00	32.13 3.03 0.00	33.55 3.10 0.00	37.91 3.61 0.00	34.45 3.17 0.00	31.78 3.03 0.00	27.72 2.31 0.00	27.12 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.20 2.63 0.00	25.08 2.54 0.00	29.55 3.19 0.00	31.70 3.59 0.00	35.69 3.93 0.00	47.45 4.93 0.00	52.20 5.28 0.00	56.50 5.56 0.00	50.22 4.67 0.00	41.25 3.87 0.00	35.46 3.11 0.00
WADING RIVER_IC_2 23547	36.12 3.51 0.00	42.16 3.09 -8.97	32.13 2.85 0.00	30.96 2.71 0.00	32.13 3.03 0.00	33.55 3.10 0.00	37.91 3.61 0.00	34.45 3.17 0.00	31.78 3.03 0.00	27.72 2.31 0.00	27.12 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.20 2.63 0.00	25.08 2.54 0.00	29.55 3.19 0.00	31.70 3.59 0.00	35.69 3.93 0.00	47.45 4.93 0.00	52.20 5.28 0.00	56.50 5.56 0.00	50.22 4.67 0.00	41.25 3.87 0.00	35.46 3.11 0.00
WADING RIVER_IC_3 23601	36.12 3.51 0.00	42.16 3.09 -8.97	32.13 2.85 0.00	30.96 2.71 0.00	32.13 3.03 0.00	33.55 3.10 0.00	37.91 3.61 0.00	34.45 3.17 0.00	31.78 3.03 0.00	27.72 2.31 0.00	27.12 2.51 0.00	27.00 2.64 0.00	27.03 2.66 0.00	27.20 2.63 0.00	25.08 2.54 0.00	29.55 3.19 0.00	31.70 3.59 0.00	35.69 3.93 0.00	47.45 4.93 0.00	52.20 5.28 0.00	56.50 5.56 0.00	50.22 4.67 0.00	41.25 3.87 0.00	35.46 3.11 0.00
WALDENNY_12_KV_BK2 80841	29.70 -2.45 0.45	27.70 -2.19 0.21	27.24 -2.03 0.00	26.38 -1.87 0.00	25.03 -1.94 2.12	11.64 -1.88 16.94	16.11 -2.45 15.74	12.02 -1.85 17.41	24.81 -1.74 2.19	23.69 -1.65 0.06	22.96 -1.64 0.00	22.65 -1.71 0.00	22.53 -1.83 0.00	22.68 -1.90 0.00	20.77 -1.77 0.00	21.94 -2.36 2.05	23.38 -2.53 2.21	21.03 -2.60 8.13	21.51 -3.72 17.29	25.25 -4.24 17.44	28.68 -4.81 17.45	27.62 -4.06 13.87	21.18 -3.20 13.00	16.23 -2.72 13.41
WALDEN___HYDRO 24148	34.66 2.05 0.00	31.92 1.82 0.00	30.99 1.72 0.00	29.88 1.63 0.00	30.83 1.73 0.00	32.34 1.89 0.00	36.57 2.27 0.00	33.47 2.19 0.00	30.78 2.03 0.00	27.25 1.84 0.00	26.42 1.82 0.00	26.18 1.82 0.00	26.20 1.84 0.00	26.45 1.88 0.00	24.31 1.77 0.00	28.52 2.16 0.00	30.50 2.39 0.00	34.33 2.56 0.00	45.69 3.17 0.00	50.28 3.36 0.00	54.73 3.79 0.00	48.78 3.23 0.00	39.85 2.47 0.00	34.27 1.92 0.00
WARRENSBURG____ 23737	34.63 2.02 0.00	31.94 1.84 0.00	31.10 1.82 0.00	30.01 1.76 0.00	30.95 1.86 0.00	32.40 1.95 0.00	36.60 2.31 0.00	33.17 1.88 0.00	29.96 1.21 0.00	26.41 1.01 0.00	25.42 0.81 0.00	25.20 0.84 0.00	25.18 0.82 0.00	25.39 0.81 0.00	23.41 0.86 0.00	27.53 1.17 0.00	29.58 1.46 0.00	33.52 1.75 0.00	45.22 2.70 0.00	50.11 3.19 0.00	54.40 3.46 0.00	48.77 3.22 0.00	39.91 2.54 0.00	34.53 2.18 0.00

WATERSIDE___6 8 9 23538	34.88 2.27 0.00	32.16 2.06 0.00	31.23 1.95 0.00	30.13 1.88 0.00	31.08 1.98 0.00	32.56 2.11 0.00	36.80 2.51 0.00	33.83 2.55 0.00	31.28 2.53 0.00	27.77 2.37 0.00	26.95 2.34 0.00	26.71 2.35 0.00	26.69 2.33 0.00	26.98 2.41 0.00	24.80 2.26 0.00	29.07 2.71 0.00	30.98 2.87 0.00	34.74 2.98 0.00	46.07 3.54 0.00	50.64 3.72 0.00	55.05 4.11 0.00	49.00 3.46 0.00	40.03 2.66 0.00	34.42 2.08 0.00
WATKINRD_115KV_LN8_ILLION 55919	34.45 1.84 0.00	31.83 1.73 0.00	31.00 1.72 0.00	29.90 1.65 0.00	30.82 1.73 0.00	32.30 1.85 0.00	36.25 1.95 0.00	32.50 1.22 0.00	29.08 0.33 0.00	25.59 0.18 0.00	24.84 0.24 0.00	24.64 0.28 0.00	24.70 0.34 0.00	24.98 0.41 0.00	23.04 0.50 0.00	27.19 0.84 0.00	28.99 0.88 0.00	32.97 1.21 0.00	44.65 2.13 0.00	49.82 2.90 0.00	54.51 3.57 0.00	48.94 3.40 0.00	40.04 2.66 0.00	34.51 2.16 0.00
WDELAWARE___HYD 323627	34.28 1.67 0.00	31.57 1.47 0.00	30.67 1.40 0.00	29.59 1.33 0.00	30.55 1.45 0.00	32.06 1.60 0.00	36.24 1.95 0.00	33.09 1.81 0.00	30.40 1.65 0.00	26.91 1.50 0.00	26.41 1.80 0.00	26.13 1.77 0.00	26.17 1.80 0.00	26.36 1.78 0.00	24.20 1.66 0.00	28.40 2.04 0.00	30.41 2.30 0.00	34.28 2.52 0.00	45.73 3.20 0.00	50.38 3.46 0.00	54.84 3.90 0.00	48.86 3.31 0.00	39.88 2.51 0.00	34.27 1.92 0.00
WEST BABYLON___IC 23714	35.91 3.29 0.00	34.22 2.89 -1.24	31.94 2.67 0.00	30.78 2.53 0.00	31.84 2.74 0.00	33.38 2.92 0.00	37.80 3.51 0.00	34.56 3.28 0.00	31.77 3.02 0.00	27.82 2.41 0.00	27.16 2.55 0.00	27.02 2.66 0.00	27.00 2.64 0.00	27.14 2.57 0.00	25.03 2.48 0.00	29.45 3.09 0.00	31.63 3.51 0.00	35.56 3.79 0.00	47.37 4.85 0.00	52.10 5.17 0.00	56.52 5.58 0.00	50.31 4.76 0.00	41.17 3.80 0.00	35.26 2.91 0.00
WEST CANADA___HYD 24049	32.81 0.19 0.00	30.27 0.17 0.00	29.42 0.15 0.00	28.39 0.14 0.00	29.25 0.16 0.00	30.62 0.16 0.00	34.48 0.18 0.00	31.43 0.15 0.00	28.83 0.09 0.00	25.49 0.08 0.00	24.70 0.10 0.00	24.46 0.10 0.00	24.48 0.11 0.00	24.69 0.12 0.00	22.66 0.11 0.00	26.50 0.14 0.00	28.25 0.14 0.00	31.92 0.16 0.00	42.73 0.21 0.00	47.16 0.24 0.00	51.25 0.31 0.00	45.82 0.28 0.00	37.60 0.22 0.00	32.55 0.19 0.00
WESTERN_NY_WIND 24143	30.61 -1.75 0.25	28.46 -1.52 0.12	27.94 -1.34 0.00	27.04 -1.21 0.00	26.69 -1.23 1.18	19.95 -1.09 9.41	24.00 -1.55 8.74	20.36 -1.25 9.67	26.13 -1.39 1.22	23.96 -1.42 0.03	23.15 -1.46 0.00	22.67 -1.69 0.00	22.52 -1.84 0.00	22.66 -1.92 0.00	20.82 -1.73 0.00	22.96 -2.30 1.11	24.53 -2.37 1.21	25.01 -2.29 4.46	29.92 -3.12 9.48	34.07 -3.28 9.56	37.93 -3.44 9.57	35.19 -2.75 7.61	28.15 -2.09 7.13	23.23 -1.76 7.36
WESTOVER___LESR 323668	32.83 0.17 -0.05	30.22 0.09 -0.02	29.35 0.07 0.00	28.33 0.08 0.00	29.45 0.11 -0.24	32.58 0.17 -1.96	36.24 0.13 -1.82	33.43 0.13 -2.01	29.07 0.06 -0.25	25.42 0.01 -0.01	24.63 0.02 0.00	24.38 0.03 0.00	24.40 0.04 0.00	24.61 0.04 0.00	22.58 0.04 0.00	26.59 0.02 -0.21	28.12 0.01 0.00	31.83 0.06 0.00	42.58 0.06 0.00	47.04 0.12 0.00	51.06 0.12 0.00	45.65 0.10 0.00	37.43 0.06 0.00	32.35 0.00 0.00
WETHRSFD_WT_PWR 323626	29.21 -2.26 1.15	27.33 -2.23 0.54	27.00 -2.27 0.01	26.09 -2.16 0.00	21.52 -2.23 5.34	-14.28 -2.09 42.64	-7.91 -2.59 39.62	-14.69 -2.14 43.84	21.16 -2.06 5.52	23.43 -1.82 0.15	22.82 -1.79 0.00	22.50 -1.86 0.00	22.42 -1.94 0.00	22.59 -1.98 0.00	20.77 -1.77 0.00	18.90 -2.24 5.23	19.23 -2.37 6.50	5.40 -2.42 23.95	-11.62 -3.23 50.92	-8.00 -3.55 51.36	-4.53 -4.07 51.40	1.11 -3.60 40.85	-3.98 -3.05 38.30	-9.83 -2.69 39.49
WHAVSTOR_138KV_BK127 55557	34.63 2.02 0.00	31.91 1.81 0.00	30.98 1.70 0.00	29.86 1.61 0.00	30.81 1.72 0.00	32.34 1.88 0.00	36.58 2.28 0.00	33.50 2.22 0.00	30.88 2.13 0.00	27.36 1.96 0.00	26.56 1.95 0.00	26.32 1.96 0.00	26.33 1.97 0.00	26.58 2.01 0.00	24.45 1.90 0.00	28.69 2.33 0.00	30.64 2.52 0.00	34.43 2.66 0.00	45.78 3.25 0.00	50.31 3.39 0.00	54.77 3.82 0.00	48.79 3.24 0.00	39.86 2.49 0.00	34.26 1.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.63 2.02 0.00	31.91 1.81 0.00	30.98 1.70 0.00	29.86 1.61 0.00	30.81 1.72 0.00	32.34 1.88 0.00	36.58 2.28 0.00	33.50 2.22 0.00	30.88 2.13 0.00	27.36 1.96 0.00	26.56 1.95 0.00	26.32 1.96 0.00	26.33 1.97 0.00	26.58 2.01 0.00	24.45 1.90 0.00	28.69 2.33 0.00	30.64 2.52 0.00	34.43 2.66 0.00	45.78 3.25 0.00	50.31 3.39 0.00	54.77 3.82 0.00	48.79 3.24 0.00	39.86 2.49 0.00	34.26 1.91 0.00
WHITEHAL_115KV_TB1 80871	35.25 2.64 0.00	32.53 2.43 0.00	31.79 2.52 0.00	30.72 2.47 0.00	31.68 2.59 0.00	33.07 2.61 0.00	37.44 3.14 0.00	33.86 2.58 0.00	30.06 1.31 0.00	26.44 1.03 0.00	25.62 1.01 0.00	25.39 1.03 0.00	25.43 1.07 0.00	25.73 1.15 0.00	23.85 1.31 0.00	28.18 1.82 0.00	30.15 2.04 0.00	34.14 2.38 0.00	46.02 3.49 0.00	51.14 4.22 0.00	55.20 4.26 0.00	49.48 3.94 0.00	40.58 3.21 0.00	35.22 2.87 0.00
WHITEPLN_13_KV_LOAD 356215	35.13 2.53 0.00	32.37 2.27 0.00	31.41 2.14 0.00	30.27 2.02 0.00	31.24 2.15 0.00	32.78 2.32 0.00	37.11 2.81 0.00	34.04 2.76 0.00	31.37 2.62 0.00	27.80 2.39 0.00	26.97 2.37 0.00	26.74 2.38 0.00	26.73 2.37 0.00	26.99 2.42 0.00	24.82 2.28 0.00	29.15 2.79 0.00	31.15 3.04 0.00	35.03 3.27 0.00	46.54 4.02 0.00	51.15 4.23 0.00	55.62 4.68 0.00	49.52 3.98 0.00	40.44 3.07 0.00	34.74 2.40 0.00
WM_FLOYD_69_KV_BK2 356380	36.14 3.53 0.00	41.85 3.11 -8.64	32.15 2.87 0.00	30.98 2.73 0.00	32.10 3.01 0.00	33.57 3.11 0.00	37.95 3.66 0.00	34.55 3.27 0.00	31.82 3.07 0.00	27.75 2.34 0.00	27.13 2.52 0.00	27.00 2.64 0.00	27.04 2.68 0.00	27.20 2.63 0.00	25.07 2.52 0.00	29.52 3.16 0.00	31.66 3.55 0.00	35.71 3.95 0.00	47.51 4.98 0.00	52.28 5.37 0.00	56.65 5.71 0.00	50.37 4.82 0.00	41.32 3.95 0.00	35.47 3.12 0.00
WOODARD___115KV_TB2 355635	32.23 -0.38 0.00	29.73 -0.37 0.00	28.90 -0.37 0.00	27.90 -0.36 0.00	28.74 -0.35 0.00	30.08 -0.38 0.00	33.77 -0.52 0.00	30.79 -0.49 0.00	28.24 -0.51 0.00	24.93 -0.48 0.00	24.15 -0.46 0.00	23.89 -0.47 0.00	23.90 -0.46 0.00	24.11 -0.46 0.00	22.12 -0.42 0.00	25.83 -0.53 0.00	27.57 -0.54 0.00	31.18 -0.59 0.00	41.74 -0.78 0.00	46.10 -0.82 0.00	50.11 -0.83 0.00	44.82 -0.73 0.00	36.82 -0.55 0.00	31.95 -0.40 0.00
YORK___WARBASSE 23770	35.09 2.48 0.00	32.33 2.23 0.00	31.38 2.11 0.00	30.26 2.01 0.00	31.21 2.11 0.00	32.74 2.28 0.00	37.04 2.74 -0.01	34.02 2.74 0.00	31.44 2.69 0.00	27.89 2.48 0.00	27.05 2.44 0.00	26.81 2.45 0.00	26.79 2.42 0.00	27.08 2.51 0.00	24.89 2.34 0.00	29.18 2.82 0.00	31.10 2.99 0.00	34.94 3.18 0.00	46.35 3.81 -0.01	50.96 4.03 -0.01	55.39 4.44 -0.01	49.28 3.74 0.00	40.25 2.88 0.00	34.59 2.24 0.00