

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/22/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	24.00	23.44	21.48	18.66	18.21	23.15	37.25	43.56	48.73	30.61	24.52	24.61	25.57	28.92	30.20	32.92	44.21	54.66	119.45	50.97	49.79	34.90	28.77	23.26
24138	1.24	1.22	1.11	0.98	0.95	1.21	1.88	2.16	2.74	2.04	1.94	1.96	1.96	2.32	2.38	2.63	3.50	4.01	8.40	3.30	2.96	2.30	1.99	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.09	23.53	21.56	18.73	18.28	23.23	37.36	43.67	48.86	30.68	24.56	24.64	25.62	28.96	30.26	32.96	44.23	54.75	119.61	51.07	49.92	35.00	28.85	23.33
24260	1.32	1.31	1.19	1.04	1.01	1.29	2.00	2.28	2.87	2.11	1.98	1.99	2.02	2.36	2.43	2.67	3.52	4.10	8.57	3.40	3.08	2.41	2.07	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.09	23.53	21.56	18.73	18.28	23.23	37.36	43.67	48.86	30.68	24.56	24.64	25.62	28.96	30.26	32.96	44.23	54.75	119.61	51.07	49.92	35.00	28.85	23.33
24261	1.32	1.31	1.19	1.04	1.01	1.29	2.00	2.28	2.87	2.11	1.98	1.99	2.02	2.36	2.43	2.67	3.52	4.10	8.57	3.40	3.08	2.41	2.07	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.84	23.27	21.33	18.53	18.07	23.14	37.39	43.81	48.32	29.72	23.50	23.56	24.49	27.56	28.87	31.57	43.07	53.81	117.90	50.41	49.47	34.36	28.35	22.97
24011	1.07	1.04	0.96	0.85	0.81	1.20	2.03	2.41	2.33	1.16	0.92	0.91	0.89	0.96	1.04	1.29	2.36	3.16	6.86	2.74	2.63	1.76	1.57	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.95	23.38	21.43	18.62	18.14	23.28	37.70	44.21	48.64	29.80	23.55	23.61	24.54	27.57	28.88	31.60	43.23	54.10	118.62	50.76	49.85	34.52	28.50	23.09
23798	1.19	1.16	1.06	0.93	0.88	1.34	2.33	2.81	2.65	1.23	0.96	0.96	0.93	0.96	1.05	1.32	2.52	3.45	7.57	3.10	3.01	1.93	1.72	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.84	23.27	21.33	18.53	18.07	23.14	37.39	43.81	48.32	2														

ALBANY___2 23572	23.00 0.24 0.00	22.47 0.25 0.00	20.64 0.26 0.00	17.95 0.26 0.00	17.51 0.25 0.00	22.29 0.35 0.00	35.70 0.34 0.00	41.69 0.29 0.00	46.42 0.43 0.00	28.84 0.28 0.00	22.93 0.35 0.00	22.97 0.32 0.00	23.88 0.28 0.00	26.95 0.35 0.00	28.17 0.34 0.00	30.70 0.41 0.00	41.52 0.80 0.00	51.81 1.16 0.00	113.31 2.27 0.00	48.42 0.75 0.00	47.60 0.77 0.00	33.13 0.53 0.00	27.36 0.58 0.00	22.15 0.53 0.00
ALBANY___3 23573	23.00 0.24 0.00	22.47 0.25 0.00	20.64 0.26 0.00	17.95 0.26 0.00	17.51 0.25 0.00	22.29 0.35 0.00	35.70 0.34 0.00	41.69 0.29 0.00	46.42 0.43 0.00	28.84 0.28 0.00	22.93 0.35 0.00	22.97 0.32 0.00	23.88 0.28 0.00	26.95 0.35 0.00	28.17 0.34 0.00	30.70 0.41 0.00	41.52 0.80 0.00	51.81 1.16 0.00	113.31 2.27 0.00	48.42 0.75 0.00	47.60 0.77 0.00	33.13 0.53 0.00	27.36 0.58 0.00	22.15 0.53 0.00
ALBANY___4 23574	23.00 0.24 0.00	22.47 0.25 0.00	20.64 0.26 0.00	17.95 0.26 0.00	17.51 0.25 0.00	22.29 0.35 0.00	35.70 0.34 0.00	41.69 0.29 0.00	46.42 0.43 0.00	28.84 0.28 0.00	22.93 0.35 0.00	22.97 0.32 0.00	23.88 0.28 0.00	26.95 0.35 0.00	28.17 0.34 0.00	30.70 0.41 0.00	41.52 0.80 0.00	51.81 1.16 0.00	113.31 2.27 0.00	48.42 0.75 0.00	47.60 0.77 0.00	33.13 0.53 0.00	27.36 0.58 0.00	22.15 0.53 0.00
ALBANY___LFGE 323615	23.24 0.47 0.00	22.70 0.47 0.00	20.83 0.46 0.00	18.12 0.44 0.00	17.68 0.42 0.00	22.51 0.57 0.00	36.11 0.75 0.00	42.18 0.78 0.00	46.95 0.96 0.00	29.15 0.59 0.00	23.18 0.59 0.00	23.21 0.57 0.00	24.14 0.53 0.00	27.24 0.64 0.00	28.47 0.65 0.00	31.06 0.77 0.00	42.04 1.32 0.00	52.46 1.81 0.00	114.74 3.69 0.00	49.00 1.33 0.00	48.14 1.31 0.00	33.49 0.89 0.00	27.64 0.86 0.00	22.38 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	23.29 0.52 0.00	22.74 0.52 0.00	20.80 0.43 0.00	18.04 0.35 0.00	17.58 0.32 0.00	22.36 0.42 0.00	36.15 0.79 0.00	42.33 0.93 0.00	46.77 0.78 0.00	28.94 0.37 0.00	22.88 0.30 0.00	22.91 0.26 0.00	23.96 0.36 0.00	26.99 0.38 0.00	28.21 0.39 0.00	30.66 0.36 0.00	40.86 0.15 0.00	50.72 0.07 0.00	111.65 0.61 0.00	48.43 0.76 0.00	47.95 1.11 0.00	33.42 0.83 0.00	27.34 0.56 0.00	21.98 0.35 0.00
ALCOA_RYNLDS___DRP 24188	23.29 0.52 0.00	22.74 0.52 0.00	20.80 0.43 0.00	18.04 0.35 0.00	17.58 0.32 0.00	22.36 0.42 0.00	36.15 0.79 0.00	42.33 0.93 0.00	46.77 0.78 0.00	28.94 0.37 0.00	22.88 0.30 0.00	22.91 0.26 0.00	23.96 0.36 0.00	26.99 0.38 0.00	28.21 0.39 0.00	30.66 0.36 0.00	40.86 0.15 0.00	50.72 0.07 0.00	111.65 0.61 0.00	48.43 0.76 0.00	47.95 1.11 0.00	33.42 0.83 0.00	27.34 0.56 0.00	21.98 0.35 0.00
ALCOA___DSASP 323711	23.28 0.52 0.00	22.74 0.52 0.00	20.80 0.43 0.00	18.04 0.35 0.00	17.58 0.32 0.00	22.36 0.42 0.00	36.15 0.79 0.00	42.32 0.93 0.00	46.76 0.77 0.00	28.94 0.37 0.00	22.88 0.30 0.00	22.91 0.26 0.00	23.96 0.36 0.00	26.99 0.38 0.00	28.21 0.39 0.00	30.66 0.36 0.00	40.86 0.14 0.00	50.72 0.07 0.00	111.67 0.63 0.00	48.43 0.76 0.00	47.95 1.11 0.00	33.42 0.83 0.00	27.34 0.56 0.00	21.98 0.36 0.00
ALLEGHENY___COGEN 23514	22.97 0.20 0.00	22.23 0.01 0.00	20.22 -0.16 0.00	17.46 -0.22 0.00	17.13 -0.13 0.00	22.09 0.15 0.00	36.33 0.96 0.00	41.55 0.15 0.00	38.60 -1.72 5.67	17.20 -1.91 9.46	20.86 -1.73 0.00	21.03 -1.62 0.00	22.03 -1.58 0.00	26.05 -0.55 0.00	27.12 -0.70 0.00	29.15 -1.14 0.00	39.17 -1.54 0.00	49.48 -1.17 0.00	-18.86 0.34 130.25	41.29 -0.27 6.11	46.25 -0.58 0.00	32.36 -0.23 0.00	28.17 -0.21 -1.60	21.48 -0.40 -0.25
ALTAMONT_115KV_TB 2 55880	23.29 0.53 0.00	22.76 0.53 0.00	20.89 0.52 0.00	18.16 0.47 0.00	17.72 0.46 0.00	22.52 0.58 0.00	36.19 0.83 0.00	42.26 0.87 0.00	47.03 1.03 0.00	29.23 0.67 0.00	23.22 0.63 0.00	23.26 0.61 0.00	24.19 0.59 0.00	27.30 0.69 0.00	28.53 0.70 0.00	31.09 0.80 0.00	41.99 1.27 0.00	52.35 1.70 0.00	114.50 3.46 0.00	48.99 1.33 0.00	48.16 1.32 0.00	33.54 0.94 0.00	27.66 0.88 0.00	22.38 0.76 0.00
ALTONA_WT_PWR 323606	23.63 0.86 0.00	23.13 0.91 0.00	21.19 0.82 0.00	18.42 0.73 0.00	17.93 0.67 0.00	22.65 0.71 0.00	36.64 1.28 0.00	42.70 1.31 0.00	47.02 1.03 0.00	29.08 0.51 0.00	22.94 0.36 0.00	22.96 0.32 0.00	23.95 0.34 0.00	26.99 0.38 0.00	28.27 0.45 0.00	30.83 0.54 0.00	41.00 0.28 0.00	51.12 0.47 0.00	112.15 1.10 0.00	48.81 1.15 0.00	48.32 1.49 0.00	33.61 1.02 0.00	27.52 0.74 0.00	22.11 0.49 0.00
AMERICAN_REF_FUEL 24010	21.63 -1.14 0.00	20.85 -1.37 0.00	18.87 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.55 -1.39 0.00	33.51 -1.86 0.00	38.65 -2.74 0.00	35.94 -3.27 6.78	16.20 -1.52 10.85	21.34 -1.25 0.00	21.47 -1.18 0.00	22.67 -0.93 0.00	25.29 -1.31 0.00	26.42 -1.41 0.00	28.47 -1.82 0.00	37.93 -2.79 0.00	46.68 -3.96 0.00	27.12 -6.59 77.34	40.26 -3.77 3.64	43.05 -3.79 0.00	29.88 -2.72 0.00	24.07 -2.32 0.39	19.70 -1.86 0.06
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.09 -0.67 0.00	21.49 -0.74 0.00	19.54 -0.83 0.00	16.88 -0.81 0.00	16.57 -0.69 0.00	21.45 -0.49 0.00	35.08 -0.29 0.00	40.81 -0.59 0.00	38.77 -0.94 6.28	18.35 -0.17 10.04	22.59 0.01 0.00	22.80 0.15 0.00	23.96 0.36 0.00	26.79 0.18 0.00	28.08 0.26 0.00	30.17 -0.12 0.00	40.21 -0.51 0.00	49.68 -0.97 0.00	13.57 -1.40 96.08	41.39 -1.77 4.51	44.61 -2.23 0.00	30.52 -2.08 0.00	24.41 -1.97 0.40	19.74 -1.82 0.06
ARTHUR KILL_GT_1 23520	23.97 1.20 0.00	23.42 1.20 0.00	21.45 1.08 0.00	18.64 0.95 0.00	18.19 0.93 0.00	23.13 1.19 0.00	37.10 1.73 0.00	43.25 1.86 0.00	48.37 2.38 0.00	30.54 1.97 0.00	24.38 1.80 0.00	24.44 1.79 0.00	25.36 1.75 0.00	28.70 2.10 0.00	29.97 2.15 0.00	32.65 2.36 0.00	43.73 3.01 0.00	54.18 3.53 0.00	118.64 7.60 0.00	50.73 3.06 0.00	49.65 2.81 0.00	34.96 2.36 0.00	28.84 2.06 0.00	23.34 1.72 0.00
ARTHUR_KILL_2 23512	23.91 1.14 0.00	23.37 1.15 0.00	21.40 1.03 0.00	18.59 0.91 0.00	18.15 0.89 0.00	23.06 1.13 0.00	36.99 1.63 0.00	43.13 1.73 0.00	48.23 2.24 0.00	30.47 1.90 0.00	24.33 1.75 0.00	24.39 1.74 0.00	25.31 1.70 0.00	28.64 2.03 0.00	29.90 2.08 0.00	32.57 2.28 0.00	43.61 2.89 0.00	54.01 3.36 0.00	118.26 7.21 0.00	50.56 2.89 0.00	49.51 2.68 0.00	34.86 2.26 0.00	28.76 1.98 0.00	23.27 1.65 0.00
ARTHUR_KILL_3 23513	23.86 1.09 0.00	23.32 1.10 0.00	21.37 1.00 0.00	18.56 0.87 0.00	18.11 0.85 0.00	23.00 1.06 0.00	36.96 1.59 0.00	43.17 1.78 0.00	48.24 2.25 0.00	30.28 1.72 0.00	24.27 1.68 0.00	24.32 1.68 0.00	25.27 1.66 0.00	28.57 1.97 0.00	29.84 2.02 0.00	32.53 2.24 0.00	43.65 2.93 0.00	54.00 3.35 0.00	118.10 7.06 0.00	50.44 2.77 0.00	49.27 2.43 0.00	34.56 1.97 0.00	28.54 1.76 0.00	23.09 1.46 0.00

ARTHUR_KILL_COGEN 323718	23.97 1.20 0.00	23.42 1.20 0.00	21.45 1.08 0.00	18.64 0.95 0.00	18.19 0.93 0.00	23.13 1.19 0.00	37.10 1.73 0.00	43.25 1.86 0.00	48.37 2.38 0.00	30.54 1.97 0.00	24.38 1.80 0.00	24.44 1.79 0.00	25.36 1.75 0.00	28.70 2.10 0.00	29.97 2.15 0.00	32.65 2.36 0.00	43.73 3.01 0.00	54.18 3.53 0.00	118.64 7.60 0.00	50.73 3.06 0.00	49.65 2.81 0.00	34.96 2.36 0.00	28.84 2.06 0.00	23.34 1.72 0.00
ASHOKAN____ 23654	23.62 0.86 0.00	23.04 0.82 0.00	21.15 0.77 0.00	18.38 0.70 0.00	17.94 0.68 0.00	22.86 0.92 0.00	36.81 1.44 0.00	43.08 1.69 0.00	47.85 1.86 0.00	29.56 0.99 0.00	23.33 0.74 0.00	23.26 0.61 0.00	24.15 0.54 0.00	27.23 0.63 0.00	28.48 0.66 0.00	31.13 0.84 0.00	42.41 1.69 0.00	53.37 2.72 0.00	117.41 6.36 0.00	50.19 2.52 0.00	49.26 2.42 0.00	34.20 1.61 0.00	28.18 1.40 0.00	22.75 1.13 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.90 1.13 0.00	23.32 1.10 0.00	21.39 1.02 0.00	18.58 0.90 0.00	18.11 0.85 0.00	22.99 1.06 0.00	37.04 1.67 0.00	43.28 1.88 0.00	48.50 2.51 0.00	30.48 1.92 0.00	24.38 1.79 0.00	24.48 1.83 0.00	25.33 1.72 0.00	28.70 2.09 0.00	29.93 2.11 0.00	32.59 2.31 0.00	43.78 3.01 -0.05	54.77 3.57 -0.55	119.10 7.56 -0.50	50.69 3.02 0.00	49.56 2.73 0.00	34.82 2.22 0.00	28.73 1.95 0.00	23.33 1.71 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.90 1.13 0.00	23.32 1.10 0.00	21.39 1.02 0.00	18.58 0.90 0.00	18.11 0.85 0.00	22.99 1.06 0.00	37.04 1.67 0.00	43.28 1.88 0.00	48.50 2.51 0.00	30.48 1.92 0.00	24.38 1.79 0.00	24.48 1.83 0.00	25.33 1.72 0.00	28.70 2.09 0.00	29.93 2.11 0.00	32.59 2.31 0.00	43.78 3.01 -0.05	54.77 3.57 -0.55	119.10 7.56 -0.50	50.69 3.02 0.00	49.57 2.73 0.00	34.82 2.22 0.00	28.73 1.95 0.00	23.33 1.71 0.00
ASTORIA_GT2_1 24094	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT2_2 24095	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT2_3 24096	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT2_4 24097	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT3_1 24098	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT3_2 24099	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT3_3 24100	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT3_4 24101	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT4_1 24102	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT4_2 24103	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT4_3 24104	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00

ASTORIA_GT4_4 24105	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.70 0.00	43.30 1.90 0.00	48.53 2.54 0.00	30.50 1.93 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.15 7.60 -0.50	50.71 3.04 0.00	49.58 2.75 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.33 1.71 0.00
ASTORIA_GT_1 23523	23.94 1.18 0.00	23.37 1.15 0.00	21.43 1.06 0.00	18.61 0.93 0.00	18.15 0.89 0.00	23.04 1.10 0.00	37.12 1.76 0.00	43.39 1.99 0.00	48.62 2.63 0.00	30.56 1.99 0.00	24.44 1.85 0.00	24.55 1.89 0.00	25.39 1.79 0.00	28.78 2.18 0.00	30.02 2.19 0.00	32.68 2.39 0.00	43.90 3.13 -0.05	54.91 3.71 -0.55	119.42 7.87 -0.50	50.82 3.16 0.00	49.69 2.85 0.00	34.90 2.30 0.00	28.79 2.01 0.00	23.38 1.75 0.00
ASTORIA_GT_10 24110	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.05 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.47 1.90 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.66 2.37 0.00	43.77 3.06 0.00	54.19 3.54 0.00	118.41 7.36 0.00	50.60 2.93 0.00	49.50 2.66 0.00	34.76 2.16 0.00	28.67 1.89 0.00	23.21 1.59 0.00
ASTORIA_GT_11 24225	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.05 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.47 1.90 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.66 2.37 0.00	43.77 3.06 0.00	54.19 3.54 0.00	118.41 7.36 0.00	50.60 2.93 0.00	49.50 2.66 0.00	34.76 2.16 0.00	28.67 1.89 0.00	23.21 1.59 0.00
ASTORIA_GT_12 24226	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.05 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.47 1.90 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.66 2.37 0.00	43.77 3.06 0.00	54.19 3.54 0.00	118.41 7.36 0.00	50.60 2.93 0.00	49.50 2.66 0.00	34.76 2.16 0.00	28.67 1.89 0.00	23.21 1.59 0.00
ASTORIA_GT_13 24227	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.05 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.47 1.90 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.66 2.37 0.00	43.77 3.06 0.00	54.19 3.54 0.00	118.41 7.36 0.00	50.60 2.93 0.00	49.50 2.66 0.00	34.76 2.16 0.00	28.67 1.89 0.00	23.21 1.59 0.00
ASTORIA_GT_5 24106	23.95 1.18 0.00	23.37 1.15 0.00	21.43 1.06 0.00	18.61 0.93 0.00	18.15 0.89 0.00	23.04 1.10 0.00	37.12 1.76 0.00	43.38 1.98 0.00	48.62 2.63 0.00	30.57 2.00 0.00	24.43 1.84 0.00	24.51 1.87 0.00	25.40 1.79 0.00	28.78 2.17 0.00	30.02 2.19 0.00	32.68 2.39 0.00	43.89 3.13 -0.05	54.91 3.71 -0.55	119.38 7.84 -0.50	50.82 3.15 0.00	49.69 2.86 0.00	34.90 2.30 0.00	28.79 2.01 0.00	23.37 1.75 0.00
ASTORIA_GT_7 24107	23.95 1.18 0.00	23.37 1.15 0.00	21.43 1.06 0.00	18.61 0.93 0.00	18.15 0.89 0.00	23.04 1.10 0.00	37.12 1.76 0.00	43.38 1.98 0.00	48.62 2.63 0.00	30.57 2.00 0.00	24.43 1.84 0.00	24.51 1.87 0.00	25.40 1.79 0.00	28.78 2.17 0.00	30.02 2.19 0.00	32.68 2.39 0.00	43.89 3.13 -0.05	54.91 3.71 -0.55	119.38 7.84 -0.50	50.82 3.15 0.00	49.69 2.86 0.00	34.90 2.30 0.00	28.79 2.01 0.00	23.37 1.75 0.00
ASTORIA_GT_8 24108	23.95 1.18 0.00	23.37 1.15 0.00	21.43 1.06 0.00	18.61 0.93 0.00	18.15 0.89 0.00	23.04 1.10 0.00	37.12 1.76 0.00	43.38 1.98 0.00	48.62 2.63 0.00	30.57 2.00 0.00	24.43 1.84 0.00	24.51 1.87 0.00	25.40 1.79 0.00	28.78 2.17 0.00	30.02 2.19 0.00	32.68 2.39 0.00	43.89 3.13 -0.05	54.91 3.71 -0.55	119.38 7.84 -0.50	50.82 3.15 0.00	49.69 2.86 0.00	34.90 2.30 0.00	28.79 2.01 0.00	23.37 1.75 0.00
ASTORIA___2 24149	23.91 1.15 0.00	23.33 1.11 0.00	21.40 1.03 0.00	18.59 0.90 0.00	18.12 0.86 0.00	23.00 1.07 0.00	37.06 1.69 0.00	43.30 1.90 0.00	48.52 2.53 0.00	30.49 1.93 0.00	24.39 1.80 0.00	24.49 1.85 0.00	25.34 1.73 0.00	28.71 2.11 0.00	29.95 2.13 0.00	32.61 2.32 0.00	43.80 3.03 -0.05	54.79 3.59 -0.55	119.17 7.63 -0.50	50.72 3.05 0.00	49.58 2.74 0.00	34.83 2.24 0.00	28.74 1.96 0.00	23.34 1.72 0.00
ASTORIA___3 23516	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.04 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.46 1.89 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.65 2.37 0.00	43.78 3.06 0.00	54.18 3.53 0.00	118.43 7.38 0.00	50.60 2.94 0.00	49.49 2.66 0.00	34.76 2.17 0.00	28.67 1.89 0.00	23.21 1.59 0.00
ASTORIA___4 23517	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.05 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.47 1.90 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.66 2.37 0.00	43.77 3.06 0.00	54.19 3.54 0.00	118.41 7.36 0.00	50.60 2.93 0.00	49.50 2.66 0.00	34.76 2.16 0.00	28.67 1.89 0.00	23.21 1.59 0.00
ASTORIA___5 23518	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.04 1.68 0.00	43.29 1.89 0.00	48.45 2.45 0.00	30.46 1.89 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.65 2.37 0.00	43.77 3.06 0.00	54.18 3.53 0.00	118.43 7.38 0.00	50.60 2.94 0.00	49.49 2.65 0.00	34.76 2.17 0.00	28.67 1.89 0.00	23.21 1.59 0.00
AST_ENERGY_2_CC3 323677	23.92 1.16 0.00	23.38 1.16 0.00	21.43 1.06 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.33 1.94 0.00	48.45 2.46 0.00	30.42 1.85 0.00	24.37 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.67 2.38 0.00	43.85 3.13 0.00	54.26 3.61 0.00	118.62 7.58 0.00	50.66 2.99 0.00	49.50 2.67 0.00	34.71 2.11 0.00	28.60 1.82 0.00	23.13 1.51 0.00
AST_ENERGY_2_CC4 323678	23.92 1.16 0.00	23.38 1.16 0.00	21.43 1.06 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.33 1.94 0.00	48.45 2.46 0.00	30.42 1.85 0.00	24.37 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.67 2.38 0.00	43.85 3.13 0.00	54.26 3.61 0.00	118.62 7.58 0.00	50.66 2.99 0.00	49.50 2.67 0.00	34.71 2.11 0.00	28.60 1.82 0.00	23.13 1.51 0.00

ATHENS_STG_1 23668	23.36 0.60 0.00	22.83 0.61 0.00	20.96 0.58 0.00	18.22 0.53 0.00	17.78 0.52 0.00	22.57 0.63 0.00	36.28 0.92 0.00	42.38 0.99 0.00	47.22 1.23 0.00	29.47 0.90 0.00	23.46 0.87 0.00	23.52 0.87 0.00	24.46 0.85 0.00	27.61 1.00 0.00	28.84 1.02 0.00	31.42 1.13 0.00	42.33 1.61 0.00	52.59 1.94 0.00	114.91 3.87 0.00	49.18 1.51 0.00	48.30 1.47 0.00	33.72 1.12 0.00	27.81 1.03 0.00	22.49 0.87 0.00
ATHENS_STG_2 23670	23.36 0.60 0.00	22.83 0.61 0.00	20.96 0.58 0.00	18.22 0.53 0.00	17.78 0.52 0.00	22.57 0.63 0.00	36.28 0.92 0.00	42.38 0.99 0.00	47.22 1.23 0.00	29.47 0.90 0.00	23.46 0.87 0.00	23.52 0.87 0.00	24.46 0.85 0.00	27.61 1.00 0.00	28.84 1.02 0.00	31.42 1.13 0.00	42.33 1.61 0.00	52.59 1.94 0.00	114.91 3.87 0.00	49.18 1.51 0.00	48.30 1.47 0.00	33.72 1.12 0.00	27.81 1.03 0.00	22.49 0.87 0.00
ATHENS_STG_3 23677	23.36 0.60 0.00	22.83 0.61 0.00	20.96 0.58 0.00	18.22 0.53 0.00	17.78 0.52 0.00	22.57 0.63 0.00	36.28 0.92 0.00	42.38 0.99 0.00	47.22 1.23 0.00	29.47 0.90 0.00	23.46 0.87 0.00	23.52 0.87 0.00	24.46 0.85 0.00	27.61 1.00 0.00	28.84 1.02 0.00	31.42 1.13 0.00	42.33 1.61 0.00	52.59 1.94 0.00	114.91 3.87 0.00	49.18 1.51 0.00	48.30 1.47 0.00	33.72 1.12 0.00	27.81 1.03 0.00	22.49 0.87 0.00
AUBURN___LFGE 323710	22.48 -0.29 0.00	21.91 -0.31 0.00	20.07 -0.30 0.00	17.42 -0.27 0.00	17.03 -0.23 0.00	21.67 -0.27 0.00	37.61 -0.38 -2.63	43.93 -0.51 -3.04	46.67 -1.01 -1.69	28.36 -0.20 0.00	22.19 -0.40 0.00	22.37 -0.28 0.00	23.34 -0.27 0.00	26.27 -0.33 0.00	27.36 -0.46 0.00	29.94 -0.35 0.00	40.62 -0.10 0.00	51.78 1.13 0.00	122.07 0.66 -10.37	47.80 0.13 0.00	46.93 0.09 0.00	32.36 -0.23 0.00	26.51 -0.27 0.00	21.49 -0.14 0.00
BABYLON_RES_REC 323704	23.83 1.06 0.00	23.30 1.08 0.00	21.31 0.93 0.00	18.54 0.85 0.00	18.05 0.79 0.00	22.97 1.02 0.00	36.80 1.44 0.00	43.02 1.63 0.00	33.00 1.94 14.94	8.54 1.38 21.41	24.15 1.56 0.00	24.22 1.57 0.00	25.10 1.50 0.00	28.59 1.98 0.00	29.88 2.05 0.00	32.45 2.16 0.00	43.58 2.95 0.09	52.49 3.04 1.20	61.59 6.40 55.86	45.05 2.62 5.24	49.30 2.47 0.00	34.72 2.13 0.00	28.85 2.07 0.00	23.45 1.83 0.00
BABYLON__69_KV_BK2 356345	24.00 1.23 0.00	23.46 1.23 0.00	21.44 1.07 0.00	18.65 0.97 0.00	18.16 0.90 0.00	23.13 1.19 0.00	37.08 1.71 0.00	43.34 1.94 0.00	32.97 2.29 15.31	8.20 1.58 21.94	24.30 1.72 0.00	24.37 1.72 0.00	25.28 1.67 0.00	28.82 2.22 0.00	30.12 2.30 0.00	32.73 2.44 0.00	43.95 3.32 0.09	52.80 3.38 1.23	61.07 7.11 57.08	45.35 3.02 5.34	49.75 2.91 0.00	35.03 2.43 0.00	29.11 2.33 0.00	23.66 2.04 0.00
BALL_HILL_WT_PWR 323825	22.19 -0.57 0.00	21.49 -0.74 0.00	19.47 -0.90 0.00	16.79 -0.89 0.00	16.47 -0.79 0.00	21.28 -0.66 0.00	34.79 -0.58 0.00	40.35 -1.05 0.00	38.12 -1.41 6.47	17.78 -0.44 10.35	22.20 -0.39 0.00	22.39 -0.26 0.00	23.57 -0.04 0.00	26.34 -0.26 0.00	27.56 -0.26 0.00	29.72 -0.57 0.00	39.67 -1.04 0.00	49.00 -1.65 0.00	19.24 -2.49 89.31	41.55 -1.92 4.20	44.68 -2.16 0.00	30.82 -1.78 0.00	24.59 -1.66 0.53	20.06 -1.48 0.08
BARON_WINDS___WT_PWR 323822	22.13 -0.63 0.00	21.52 -0.71 0.00	19.62 -0.76 0.00	16.94 -0.74 0.00	16.64 -0.62 0.00	21.43 -0.51 0.00	35.15 -0.22 0.00	41.07 -0.33 0.00	40.82 -0.66 4.51	20.77 -0.18 7.62	22.36 -0.23 0.00	22.60 -0.05 0.00	23.60 -0.01 0.00	26.43 -0.17 0.00	27.74 -0.09 0.00	30.02 -0.27 0.00	40.32 -0.39 0.00	50.04 -0.61 0.00	-47.65 -0.57 158.13	39.56 -0.71 7.41	45.75 -1.08 0.00	31.32 -1.28 0.00	22.92 -1.18 2.69	19.93 -1.26 0.43
BARRETT_IC_1 23704	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_10 23701	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	40.65 2.61 2.68	24.65 2.68 28.68	47.97 5.52 68.59	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_11 23702	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	40.65 2.61 2.68	24.65 2.68 28.68	47.97 5.52 68.59	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_12 23703	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	40.65 2.61 2.68	24.65 2.68 28.68	47.97 5.52 68.59	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_2 23705	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_3 23706	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_4 23707	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00

BARRETT_IC_5 23708	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_6 23709	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_7 23710	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.81 1.30 1.05	24.06 1.47 0.00	24.17 1.53 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.58 2.64 -0.23	54.25 2.72 -0.88	74.70 5.51 41.85	43.69 2.12 6.10	48.75 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_8 23711	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT_IC_9 23700	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	40.65 2.61 2.68	24.65 2.68 28.68	47.97 5.52 68.59	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT___1 23545	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	43.56 2.61 -0.23	54.21 2.68 -0.88	74.71 5.52 41.85	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BARRETT___2 23546	23.74 0.97 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.87 0.93 0.00	36.63 1.27 0.00	42.73 1.33 0.00	46.87 1.61 0.73	28.80 1.29 1.05	24.06 1.47 0.00	24.17 1.52 0.00	25.11 1.50 0.00	28.46 1.85 0.00	29.71 1.89 0.00	32.25 1.96 0.00	40.65 2.61 2.68	24.65 2.68 28.68	47.97 5.52 68.59	43.69 2.13 6.10	48.74 1.91 0.00	34.57 1.98 0.00	28.75 1.97 0.00	23.34 1.72 0.00
BATAVIA__115KV_TB1 55881	22.48 -0.29 0.00	21.70 -0.52 0.00	19.67 -0.70 0.00	16.97 -0.72 0.00	16.61 -0.65 0.00	21.45 -0.49 0.00	35.06 -0.31 0.00	40.66 -0.74 0.00	37.84 -1.13 7.02	16.97 -0.37 11.23	22.12 -0.46 0.00	22.20 -0.45 0.00	23.39 -0.22 0.00	26.16 -0.45 0.00	27.33 -0.50 0.00	29.54 -0.75 0.00	39.62 -1.09 0.00	49.33 -1.32 0.00	43.93 -1.05 66.07	43.43 -1.12 3.12	45.51 -1.33 0.00	31.49 -1.11 0.00	25.43 -1.08 0.27	20.67 -0.91 0.04
BAYONEEC___CTG1 323682	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG10 323750	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG2 323683	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG3 323684	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG4 323685	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG5 323686	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG6 323687	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00

BAYONEEC___CTG7 323688	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG8 323689	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BAYONEEC___CTG9 323749	23.93 1.16 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.32 1.92 0.00	48.44 2.44 0.00	30.42 1.85 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.83 3.12 0.00	54.24 3.60 0.00	118.59 7.55 0.00	50.65 2.98 0.00	49.49 2.65 0.00	34.71 2.12 0.00	28.63 1.86 0.00	23.16 1.54 0.00
BEACON___LESR 323632	23.33 0.56 0.00	22.78 0.56 0.00	20.90 0.52 0.00	18.18 0.50 0.00	17.73 0.47 0.00	22.65 0.71 0.00	36.33 0.96 0.00	42.37 0.97 0.00	47.14 1.15 0.00	29.22 0.66 0.00	23.26 0.68 0.00	23.29 0.64 0.00	24.22 0.61 0.00	27.35 0.75 0.00	28.55 0.73 0.00	31.11 0.81 0.00	42.16 1.44 0.00	52.65 2.00 0.00	115.33 4.29 0.00	49.22 1.55 0.00	48.37 1.54 0.00	33.61 1.01 0.00	27.79 1.01 0.00	22.45 0.83 0.00
BEAVER RIVER___HYD 24048	22.69 -0.08 0.00	22.32 0.09 0.00	20.50 0.13 0.00	17.84 0.16 0.00	17.51 0.25 0.00	22.34 0.40 0.00	37.83 1.21 -1.26	44.33 1.48 -1.45	47.96 1.13 -0.84	28.91 0.35 0.00	22.68 0.09 0.00	22.70 0.06 0.00	23.67 0.07 0.00	26.68 0.07 0.00	28.01 0.19 0.00	30.51 0.22 0.00	41.13 0.42 0.00	52.22 1.57 0.00	146.51 4.54 -30.93	50.78 1.71 -1.40	48.28 1.44 0.00	33.14 0.55 0.00	27.24 0.45 0.00	21.79 0.16 0.00
BEEBEE_GT_13 23619	22.30 -0.46 0.00	21.62 -0.60 0.00	19.67 -0.71 0.00	17.01 -0.67 0.00	16.63 -0.63 0.00	21.34 -0.60 0.00	34.71 -0.66 0.00	40.30 -1.10 0.00	37.05 -1.47 7.48	16.07 -0.54 11.96	22.05 -0.54 0.00	22.18 -0.47 0.00	23.31 -0.30 0.00	26.17 -0.44 0.00	27.35 -0.47 0.00	29.62 -0.67 0.00	39.76 -0.96 0.00	49.45 -1.20 0.00	59.96 -2.25 48.83	44.05 -1.29 2.32	45.41 -1.42 0.00	31.46 -1.14 0.00	25.71 -1.08 0.00	20.76 -0.86 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.13 1.37 0.00	23.56 1.34 0.00	21.58 1.21 0.00	18.74 1.05 0.00	18.29 1.03 0.00	23.24 1.31 0.00	37.36 2.00 0.00	43.68 2.29 0.00	48.87 2.87 0.00	30.75 2.18 0.00	24.57 1.99 0.00	24.66 2.01 0.00	25.61 2.00 0.00	28.97 2.36 0.00	30.25 2.43 0.00	32.95 2.66 0.00	44.16 3.45 0.00	54.68 4.03 0.00	119.59 8.55 0.00	51.10 3.44 0.00	50.00 3.17 0.00	35.13 2.54 0.00	28.94 2.16 0.00	23.40 1.78 0.00
BETHLEHEM___GRP 23843	23.00 0.24 0.00	22.47 0.25 0.00	20.64 0.26 0.00	17.95 0.26 0.00	17.51 0.25 0.00	22.29 0.35 0.00	35.70 0.34 0.00	41.69 0.29 0.00	46.42 0.43 0.00	28.84 0.28 0.00	22.93 0.35 0.00	22.97 0.32 0.00	23.88 0.28 0.00	26.95 0.35 0.00	28.17 0.34 0.00	30.70 0.41 0.00	41.52 0.80 0.00	51.81 1.16 0.00	113.31 2.27 0.00	48.42 0.75 0.00	47.60 0.77 0.00	33.13 0.53 0.00	27.36 0.58 0.00	22.15 0.53 0.00
BETHLEHEM___GS1 323560	23.01 0.24 0.00	22.47 0.25 0.00	20.64 0.26 0.00	17.95 0.26 0.00	17.51 0.25 0.00	22.29 0.35 0.00	35.70 0.34 0.00	41.69 0.29 0.00	46.42 0.43 0.00	28.84 0.27 0.00	22.93 0.35 0.00	22.97 0.32 0.00	23.88 0.28 0.00	26.95 0.35 0.00	28.17 0.34 0.00	30.70 0.41 0.00	41.52 0.80 0.00	51.81 1.16 0.00	113.31 2.26 0.00	48.43 0.76 0.00	47.60 0.77 0.00	33.13 0.53 0.00	27.36 0.58 0.00	22.15 0.53 0.00
BETHLEHEM___GS2 323561	23.01 0.24 0.00	22.47 0.25 0.00	20.64 0.26 0.00	17.95 0.26 0.00	17.51 0.25 0.00	22.29 0.35 0.00	35.70 0.34 0.00	41.69 0.29 0.00	46.42 0.43 0.00	28.84 0.27 0.00	22.93 0.35 0.00	22.97 0.32 0.00	23.88 0.28 0.00	26.95 0.35 0.00	28.17 0.34 0.00	30.70 0.41 0.00	41.52 0.80 0.00	51.81 1.16 0.00	113.31 2.26 0.00	48.43 0.76 0.00	47.60 0.77 0.00	33.13 0.53 0.00	27.36 0.58 0.00	22.15 0.53 0.00
BETHLEHEM___GS3 323562	23.01 0.24 0.00	22.47 0.25 0.00	20.64 0.26 0.00	17.95 0.26 0.00	17.51 0.25 0.00	22.29 0.35 0.00	35.70 0.34 0.00	41.69 0.29 0.00	46.42 0.43 0.00	28.84 0.27 0.00	22.93 0.35 0.00	22.97 0.32 0.00	23.88 0.28 0.00	26.95 0.35 0.00	28.17 0.34 0.00	30.70 0.41 0.00	41.52 0.80 0.00	51.81 1.16 0.00	113.31 2.26 0.00	48.43 0.76 0.00	47.60 0.77 0.00	33.13 0.53 0.00	27.36 0.58 0.00	22.15 0.53 0.00
BETHLEHEM___STEEL 23779	22.21 -0.55 0.00	21.46 -0.77 0.00	19.44 -0.93 0.00	16.76 -0.93 0.00	16.42 -0.84 0.00	21.20 -0.74 0.00	34.64 -0.73 0.00	40.13 -1.26 0.00	37.85 -1.66 6.48	17.62 -0.57 10.37	22.09 -0.49 0.00	22.27 -0.38 0.00	23.47 -0.14 0.00	26.22 -0.38 0.00	27.42 -0.40 0.00	29.58 -0.71 0.00	39.47 -1.25 0.00	48.71 -1.94 0.00	20.30 -3.02 87.73	41.59 -1.95 4.13	44.71 -2.12 0.00	30.90 -1.69 0.00	24.73 -1.55 0.50	20.21 -1.33 0.08
BETHLHEM_115KV_TB1 79974	23.06 0.30 0.00	22.54 0.31 0.00	20.70 0.32 0.00	18.00 0.31 0.00	17.56 0.30 0.00	22.34 0.40 0.00	35.81 0.44 0.00	41.82 0.42 0.00	46.56 0.56 0.00	28.93 0.37 0.00	23.00 0.42 0.00	23.04 0.40 0.00	23.97 0.36 0.00	27.04 0.44 0.00	28.26 0.44 0.00	30.80 0.51 0.00	41.63 0.91 0.00	51.93 1.28 0.00	113.58 2.53 0.00	48.54 0.87 0.00	47.72 0.89 0.00	33.21 0.62 0.00	27.43 0.65 0.00	22.20 0.58 0.00
BETHPAGE_CC_5 323564	23.80 1.04 0.00	23.28 1.06 0.00	21.30 0.92 0.00	18.52 0.84 0.00	18.04 0.78 0.00	22.94 1.00 0.00	36.72 1.35 0.00	42.91 1.51 0.00	34.05 1.87 13.82	10.18 1.42 19.80	24.14 1.56 0.00	24.24 1.59 0.00	25.14 1.54 0.00	28.58 1.97 0.00	29.86 2.04 0.00	32.37 2.08 0.00	43.43 2.79 0.08	52.51 2.94 1.08	64.92 6.10 52.23	45.19 2.45 4.93	49.08 2.24 0.00	34.60 2.01 0.00	28.80 2.02 0.00	23.39 1.77 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.28 -0.48 0.00	21.53 -0.69 0.00	19.51 -0.87 0.00	16.81 -0.87 0.00	16.48 -0.79 0.00	21.27 -0.66 0.00	34.78 -0.58 0.00	40.32 -1.08 0.00	38.12 -1.46 6.42	17.84 -0.46 10.27	22.19 -0.39 0.00	22.36 -0.28 0.00	23.57 -0.04 0.00	26.34 -0.26 0.00	27.55 -0.27 0.00	29.71 -0.58 0.00	39.67 -1.05 0.00	48.94 -1.71 0.00	19.21 -2.44 89.39	41.75 -1.71 4.20	44.93 -1.90 0.00	31.05 -1.55 0.00	24.87 -1.44 0.47	20.29 -1.26 0.07

BINGHAMTON___COGEN 23790	22.95 0.19 0.00	22.40 0.18 0.00	20.49 0.12 0.00	17.73 0.05 0.00	17.37 0.11 0.00	22.18 0.24 0.00	36.03 0.67 0.00	42.20 0.80 0.00	44.23 0.70 2.46	24.90 0.58 4.25	23.04 0.46 0.00	23.26 0.61 0.00	24.25 0.64 0.00	27.25 0.64 0.00	28.54 0.72 0.00	30.99 0.70 0.00	41.67 0.95 0.00	51.57 0.92 0.00	45.59 2.08 67.53	45.25 0.80 3.22	47.56 0.72 0.00	32.97 0.37 0.00	27.18 0.34 -0.06	21.73 0.09 -0.01
BIXINCNT_115KV_LOAD 355685	22.33 -0.43 0.00	21.63 -0.59 0.00	19.65 -0.73 0.00	16.96 -0.72 0.00	16.66 -0.59 0.00	21.53 -0.41 0.00	35.36 -0.01 0.00	41.09 -0.31 0.00	39.26 -0.61 6.11	18.82 0.03 9.78	22.62 0.04 0.00	22.80 0.15 0.00	23.90 0.29 0.00	26.71 0.10 0.00	28.03 0.21 0.00	30.22 -0.06 0.00	40.41 -0.30 0.00	50.01 -0.64 0.00	12.02 -0.03 99.00	42.31 -0.71 4.65	45.71 -1.13 0.00	31.39 -1.21 0.00	25.09 -1.37 0.32	20.21 -1.36 0.05
BLACK RIVER___HYD 24047	22.52 -0.25 0.00	22.17 -0.06 0.00	20.36 -0.02 0.00	17.73 0.04 0.00	17.41 0.15 0.00	22.22 0.28 0.00	38.53 1.09 -2.08	45.16 1.36 -2.40	49.70 0.92 -2.79	31.15 0.24 -2.35	22.51 -0.07 0.00	22.51 -0.14 0.00	23.45 -0.15 0.00	26.44 -0.17 0.00	27.85 0.03 0.00	30.33 0.04 0.00	41.00 0.28 0.00	52.59 1.94 0.00	147.61 5.33 -31.24	50.90 1.82 -1.41	48.26 1.43 0.00	32.99 0.39 0.00	27.06 0.28 0.00	21.63 0.01 0.00
BLACKRVR_115KV_TB2 79977	22.52 -0.25 0.00	22.17 -0.06 0.00	20.36 -0.02 0.00	17.73 0.04 0.00	17.41 0.15 0.00	22.22 0.28 0.00	38.53 1.09 -2.08	45.16 1.36 -2.40	49.70 0.92 -2.79	31.15 0.24 -2.35	22.51 -0.07 0.00	22.51 -0.14 0.00	23.45 -0.15 0.00	26.44 -0.17 0.00	27.85 0.03 0.00	30.33 0.04 0.00	41.00 0.28 0.00	52.59 1.94 0.00	147.60 5.32 -31.24	50.91 1.82 -1.41	48.27 1.43 0.00	32.98 0.39 0.00	27.06 0.28 0.00	21.63 0.01 0.00
BLISS_WT_PWR 323608	22.27 -0.50 0.00	21.57 -0.65 0.00	19.60 -0.77 0.00	16.93 -0.75 0.00	16.63 -0.63 0.00	21.51 -0.43 0.00	35.32 -0.04 0.00	41.06 -0.34 0.00	39.27 -0.60 6.11	18.85 0.07 9.78	22.64 0.06 0.00	22.81 0.16 0.00	23.89 0.28 0.00	26.69 0.09 0.00	28.04 0.22 0.00	30.24 -0.05 0.00	40.46 -0.26 0.00	50.07 -0.58 0.00	12.06 0.01 99.00	42.29 -0.73 4.65	45.70 -1.14 0.00	31.32 -1.28 0.00	24.97 -1.49 0.32	20.06 -1.52 0.05
BLUESTONE___WT_PWR 323821	23.76 0.99 0.00	23.17 0.94 0.00	21.23 0.86 0.00	18.40 0.72 0.00	18.04 0.78 0.00	23.10 1.16 0.00	37.64 2.28 0.00	44.14 2.74 0.00	46.91 2.61 1.69	26.91 1.58 3.24	23.71 1.13 0.00	23.83 1.19 0.00	24.80 1.20 0.00	27.78 1.17 0.00	28.87 1.05 0.00	31.56 1.27 0.00	42.85 2.13 0.00	53.69 3.04 0.00	326.90 6.88 -208.97	59.26 2.23 -9.36	48.72 1.88 0.00	33.30 0.71 0.00	26.87 0.02 -0.07	21.42 -0.21 -0.01
BLUE_CIRC_CHEM_DRP 24182	23.34 0.57 0.00	22.81 0.58 0.00	20.95 0.58 0.00	18.21 0.53 0.00	17.77 0.51 0.00	22.61 0.67 0.00	36.28 0.91 0.00	42.33 0.93 0.00	46.98 0.99 0.00	29.11 0.54 0.00	23.08 0.50 0.00	23.12 0.48 0.00	24.06 0.46 0.00	27.14 0.53 0.00	28.35 0.53 0.00	30.91 0.62 0.00	41.90 1.18 0.00	52.41 1.76 0.00	114.70 3.66 0.00	49.05 1.38 0.00	48.24 1.41 0.00	33.57 0.98 0.00	27.72 0.94 0.00	22.44 0.82 0.00
BOC_GAS_DRP 24189	23.22 0.45 0.00	22.69 0.46 0.00	20.83 0.46 0.00	18.11 0.42 0.00	17.67 0.41 0.00	22.45 0.51 0.00	36.05 0.69 0.00	42.09 0.70 0.00	46.88 0.89 0.00	29.18 0.61 0.00	23.20 0.61 0.00	23.24 0.60 0.00	24.17 0.57 0.00	27.28 0.67 0.00	28.50 0.68 0.00	31.04 0.76 0.00	41.89 1.18 0.00	52.16 1.51 0.00	114.05 3.00 0.00	48.79 1.12 0.00	47.97 1.14 0.00	33.43 0.83 0.00	27.58 0.80 0.00	22.32 0.70 0.00
BOONVILLE_115KV_TB1 79983	22.97 0.21 0.00	22.50 0.27 0.00	20.64 0.27 0.00	17.95 0.27 0.00	17.58 0.32 0.00	22.44 0.50 0.00	37.11 1.11 -0.64	43.42 1.28 -0.74	47.64 1.14 -0.51	29.11 0.54 0.00	22.91 0.32 0.00	22.97 0.32 0.00	23.93 0.32 0.00	26.95 0.35 0.00	28.23 0.41 0.00	30.76 0.48 0.00	41.56 0.84 0.00	52.24 1.59 0.00	156.74 4.13 -41.57	51.13 1.57 -1.89	48.20 1.37 0.00	33.28 0.69 0.00	27.35 0.57 0.00	21.98 0.36 0.00
BORALEX_4TH_BRANCH 23824	24.01 1.25 0.00	23.46 1.24 0.00	21.54 1.17 0.00	18.76 1.08 0.00	18.28 1.02 0.00	23.26 1.32 0.00	37.02 1.66 0.00	43.21 1.81 0.00	47.99 2.00 0.00	29.75 1.18 0.00	23.65 1.06 0.00	23.68 1.03 0.00	24.60 0.99 0.00	27.68 1.07 0.00	28.86 1.04 0.00	31.40 1.11 0.00	42.51 1.79 0.00	53.20 2.55 0.00	116.39 5.35 0.00	49.71 2.05 0.00	49.29 2.45 0.00	34.21 1.61 0.00	28.35 1.57 0.00	23.00 1.38 0.00
BOWLINE___1 23526	23.63 0.86 0.00	23.10 0.87 0.00	21.16 0.78 0.00	18.37 0.68 0.00	17.93 0.67 0.00	22.79 0.85 0.00	36.70 1.34 0.00	42.90 1.51 0.00	47.83 1.84 0.00	29.93 1.36 0.00	23.88 1.29 0.00	23.93 1.28 0.00	24.88 1.27 0.00	28.12 1.52 0.00	29.39 1.56 0.00	32.00 1.71 0.00	43.01 2.29 0.00	53.33 2.68 0.00	116.85 5.81 0.00	49.91 2.24 0.00	48.72 1.88 0.00	34.15 1.56 0.00	28.23 1.45 0.00	22.81 1.19 0.00
BOWLINE___2 23595	23.63 0.86 0.00	23.10 0.87 0.00	21.16 0.78 0.00	18.37 0.68 0.00	17.93 0.67 0.00	22.79 0.85 0.00	36.70 1.34 0.00	42.90 1.51 0.00	47.83 1.84 0.00	29.93 1.36 0.00	23.88 1.29 0.00	23.93 1.28 0.00	24.88 1.27 0.00	28.12 1.52 0.00	29.37 1.55 0.00	31.97 1.68 0.00	42.95 2.24 0.00	53.27 2.62 0.00	116.73 5.69 0.00	49.86 2.19 0.00	48.66 1.82 0.00	34.12 1.52 0.00	28.21 1.43 0.00	22.80 1.18 0.00
BRADY___115KV_TB2 356060	23.56 0.79 0.00	23.02 0.80 0.00	21.05 0.68 0.00	18.25 0.56 0.00	17.80 0.54 0.00	22.66 0.72 0.00	36.73 1.37 0.00	43.03 1.63 0.00	47.63 1.41 -0.23	29.15 0.58 0.00	22.98 0.39 0.00	23.01 0.36 0.00	24.08 0.48 0.00	27.12 0.51 0.00	28.36 0.53 0.00	30.80 0.51 0.00	41.13 0.42 0.00	51.23 0.58 0.00	113.44 2.40 0.00	49.25 1.58 0.00	48.73 1.90 0.00	33.93 1.34 0.00	27.72 0.94 0.00	22.25 0.63 0.00
BRANSCOMB___SOLAR 323811	23.72 0.96 0.00	23.16 0.94 0.00	21.25 0.87 0.00	18.47 0.78 0.00	18.02 0.76 0.00	22.99 1.05 0.00	37.05 1.69 0.00	43.32 1.93 0.00	47.93 1.94 0.00	29.58 1.01 0.00	23.40 0.82 0.00	23.44 0.79 0.00	24.37 0.76 0.00	27.46 0.85 0.00	28.73 0.91 0.00	31.40 1.11 0.00	42.70 1.99 0.00	53.43 2.78 0.00	117.06 6.01 0.00	50.06 2.39 0.00	49.17 2.33 0.00	34.18 1.59 0.00	28.18 1.40 0.00	22.82 1.20 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.89 1.13 0.00	23.38 1.16 0.00	21.37 1.00 0.00	18.59 0.91 0.00	18.12 0.85 0.00	23.05 1.11 0.00	36.91 1.55 0.00	43.12 1.72 0.00	31.59 2.03 16.42	6.45 1.43 23.54	24.22 1.63 0.00	24.29 1.64 0.00	25.16 1.56 0.00	28.72 2.12 0.00	30.01 2.19 0.00	32.59 2.30 0.00	43.70 3.09 0.10	52.05 2.73 1.33	56.23 5.77 60.59	44.63 2.60 5.64	49.39 2.56 0.00	34.82 2.23 0.00	28.96 2.18 0.00	23.57 1.95 0.00

BRISTLHL_115KV_TB1 79998	22.15 -0.62 0.00	21.59 -0.64 0.00	19.80 -0.58 0.00	17.19 -0.50 0.00	16.78 -0.48 0.00	21.33 -0.61 0.00	38.83 -0.98 -4.45	45.13 -1.42 -5.15	52.24 -1.78 -8.03	36.37 -0.74 -8.55	21.86 -0.72 0.00	21.93 -0.72 0.00	22.84 -0.76 0.00	25.73 -0.88 0.00	27.43 -0.39 0.00	29.49 -0.79 0.00	39.67 -1.05 0.00	50.95 0.30 0.00	142.64 -1.48 -33.07	47.80 -1.32 -1.46	45.43 -1.40 0.00	31.58 -1.02 0.00	25.91 -0.87 0.00	20.94 -0.68 0.00
BROOKHAVEN___DRP 24191	23.49 0.72 0.00	22.98 0.76 0.00	21.01 0.64 0.00	18.28 0.60 0.00	17.81 0.55 0.00	22.81 0.87 0.00	36.65 1.29 0.00	42.74 1.35 0.00	30.85 1.56 16.70	5.50 0.87 23.94	23.75 1.16 0.00	23.83 1.18 0.00	24.68 1.07 0.00	28.42 1.81 0.00	29.73 1.91 0.00	32.28 1.99 0.00	43.35 2.74 0.11	51.96 2.68 1.36	54.63 5.05 61.46	44.20 2.24 5.71	49.19 2.35 0.00	34.54 1.95 0.00	28.82 2.04 0.00	23.47 1.85 0.00
BROOKLYN_NAVY_YARD 23515	23.86 1.10 0.00	23.34 1.11 0.00	21.39 1.02 0.00	18.57 0.89 0.00	18.12 0.86 0.00	23.03 1.09 0.00	37.06 1.69 0.00	43.32 1.93 0.00	48.45 2.45 0.00	30.42 1.85 0.00	24.37 1.79 0.00	24.45 1.80 0.00	25.38 1.77 0.00	28.71 2.11 0.00	29.98 2.16 0.00	32.68 2.39 0.00	43.93 3.14 -0.07	55.04 3.65 -0.73	119.38 7.67 -0.66	50.71 3.04 0.00	49.54 2.71 0.00	34.71 2.12 0.00	28.63 1.85 0.00	23.16 1.54 0.00
BROOKLYN___ARMY_DRP 323595	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
BROOKVLE_69_KV_TB1 55790	23.95 1.18 0.00	23.41 1.19 0.00	21.41 1.04 0.00	18.61 0.93 0.00	18.15 0.89 0.00	23.07 1.14 0.00	37.06 1.70 0.00	43.31 1.92 0.00	40.75 2.31 7.55	19.42 1.68 10.82	24.32 1.73 0.00	24.42 1.77 0.00	25.38 1.77 0.00	28.81 2.21 0.00	30.13 2.31 0.00	32.74 2.45 0.00	44.02 3.31 0.00	54.11 3.66 0.20	89.17 7.56 29.44	47.79 3.00 2.88	49.57 2.73 0.00	34.92 2.33 0.00	28.94 2.16 0.00	23.47 1.85 0.00
BROOME_2_LFGE 323671	22.95 0.19 0.00	22.40 0.18 0.00	20.49 0.12 0.00	17.73 0.05 0.00	17.37 0.11 0.00	22.18 0.24 0.00	36.03 0.67 0.00	42.19 0.79 0.00	44.23 0.70 2.46	24.89 0.58 4.25	23.04 0.46 0.00	23.26 0.61 0.00	24.25 0.64 0.00	27.25 0.64 0.00	28.54 0.72 0.00	30.99 0.70 0.00	41.67 0.95 0.00	51.58 0.93 0.00	45.50 1.99 67.53	45.23 0.79 3.22	47.56 0.72 0.00	32.97 0.38 0.00	27.18 0.34 -0.06	21.72 0.09 -0.01
BROOME___LFGE 323600	22.95 0.19 0.00	22.40 0.18 0.00	20.49 0.12 0.00	17.73 0.05 0.00	17.37 0.11 0.00	22.18 0.24 0.00	36.03 0.67 0.00	42.19 0.79 0.00	44.23 0.70 2.46	24.89 0.58 4.25	23.04 0.46 0.00	23.26 0.61 0.00	24.25 0.64 0.00	27.25 0.64 0.00	28.54 0.72 0.00	30.99 0.70 0.00	41.67 0.95 0.00	51.58 0.93 0.00	45.50 1.99 67.53	45.23 0.79 3.22	47.56 0.72 0.00	32.97 0.38 0.00	27.18 0.34 -0.06	21.72 0.09 -0.01
BROWNFLS_115KV_TB 3_5 80003	23.02 0.25 0.00	22.57 0.35 0.00	20.69 0.32 0.00	17.98 0.29 0.00	17.59 0.33 0.00	22.43 0.49 0.00	37.44 1.20 -0.87	43.86 1.45 -1.01	47.76 1.17 -0.60	28.97 0.41 0.00	22.79 0.20 0.00	22.80 0.16 0.00	23.83 0.22 0.00	26.84 0.24 0.00	28.14 0.31 0.00	30.62 0.32 0.00	41.11 0.40 0.00	51.73 1.08 0.00	114.31 3.27 0.00	49.18 1.51 0.00	48.34 1.51 0.00	33.40 0.80 0.00	27.37 0.59 0.00	21.93 0.31 0.00
BROWNSV1_27_KV_LOAD 356125	24.17 1.41 0.00	23.56 1.33 0.00	21.58 1.21 0.00	18.74 1.05 0.00	18.28 1.02 0.00	23.24 1.31 0.00	37.39 2.03 0.00	43.72 2.33 0.00	48.90 2.91 0.00	30.70 2.13 0.00	24.58 2.00 0.00	24.66 2.02 0.00	25.63 2.02 0.00	28.98 2.38 0.00	30.28 2.45 0.00	32.99 2.70 0.00	44.28 3.57 0.00	54.80 4.15 0.00	119.78 8.74 0.00	51.16 3.49 0.00	50.00 3.16 0.00	35.05 2.46 0.00	28.89 2.11 0.00	23.35 1.73 0.00
BURROWS___LYONSDAL 23803	22.86 0.09 0.00	22.42 0.19 0.00	20.58 0.21 0.00	17.91 0.23 0.00	17.54 0.28 0.00	22.40 0.46 0.00	37.26 1.13 -0.76	43.61 1.33 -0.88	47.70 1.13 -0.58	29.05 0.49 0.00	22.85 0.26 0.00	22.91 0.26 0.00	23.87 0.26 0.00	26.89 0.29 0.00	28.18 0.36 0.00	30.71 0.42 0.00	41.45 0.73 0.00	52.24 1.58 0.00	154.76 4.24 -39.48	51.07 1.60 -1.79	48.19 1.35 0.00	33.20 0.61 0.00	27.30 0.52 0.00	21.91 0.29 0.00
CAITHNESS_CC_1 323624	23.51 0.75 0.00	23.01 0.78 0.00	21.04 0.66 0.00	18.31 0.62 0.00	17.83 0.57 0.00	22.80 0.86 0.00	36.57 1.21 0.00	42.65 1.25 0.00	30.77 1.49 16.71	5.53 0.90 23.95	23.80 1.21 0.00	23.88 1.23 0.00	24.72 1.11 0.00	28.39 1.79 0.00	29.68 1.86 0.00	32.22 1.93 0.00	43.24 2.63 0.11	51.81 2.53 1.36	54.49 4.93 61.49	44.11 2.16 5.71	49.05 2.21 0.00	34.47 1.87 0.00	28.76 1.98 0.00	23.42 1.80 0.00
CALPINE BETH_PAGE_GT4 24209	23.85 1.08 0.00	23.31 1.09 0.00	21.32 0.95 0.00	18.54 0.86 0.00	18.07 0.81 0.00	22.97 1.03 0.00	36.82 1.46 0.00	43.02 1.62 0.00	35.42 1.98 12.55	12.06 1.48 17.99	24.18 1.60 0.00	24.28 1.63 0.00	25.20 1.59 0.00	28.63 2.03 0.00	29.91 2.09 0.00	32.39 2.10 0.00	43.50 2.84 0.06	52.75 3.04 0.94	69.20 6.25 48.09	45.58 2.49 4.58	49.10 2.26 0.00	34.62 2.03 0.00	28.83 2.05 0.00	23.41 1.79 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.85 1.08 0.00	23.31 1.09 0.00	21.33 0.95 0.00	18.54 0.86 0.00	18.07 0.81 0.00	22.97 1.03 0.00	36.82 1.46 0.00	43.02 1.62 0.00	35.42 1.98 12.55	12.05 1.48 17.99	24.18 1.60 0.00	24.28 1.63 0.00	25.20 1.59 0.00	28.63 2.03 0.00	29.91 2.09 0.00	32.39 2.10 0.00	43.49 2.83 0.06	52.72 3.01 0.94	69.22 6.26 48.09	45.59 2.50 4.58	49.09 2.26 0.00	34.62 2.03 0.00	28.83 2.05 0.00	23.41 1.79 0.00
CALPINE_BP_GT1 23823	23.85 1.08 0.00	23.31 1.09 0.00	21.33 0.95 0.00	18.54 0.86 0.00	18.07 0.81 0.00	22.97 1.03 0.00	36.82 1.46 0.00	43.02 1.62 0.00	35.42 1.98 12.55	12.05 1.48 17.99	24.18 1.60 0.00	24.28 1.63 0.00	25.20 1.59 0.00	28.63 2.03 0.00	29.91 2.09 0.00	32.39 2.10 0.00	43.49 2.83 0.06	52.72 3.01 0.94	69.22 6.26 48.09	45.59 2.50 4.58	49.09 2.26 0.00	34.62 2.03 0.00	28.83 2.05 0.00	23.41 1.79 0.00
CALSPAN___DRP 24200	22.21 -0.55 0.00	21.46 -0.77 0.00	19.44 -0.93 0.00	16.76 -0.93 0.00	16.42 -0.84 0.00	21.20 -0.74 0.00	34.64 -0.73 0.00	40.13 -1.26 0.00	37.85 -1.66 6.48	17.62 -0.57 10.37	22.09 -0.49 0.00	22.27 -0.38 0.00	23.47 -0.14 0.00	26.22 -0.38 0.00	27.42 -0.40 0.00	29.58 -0.71 0.00	39.47 -1.25 0.00	48.71 -1.94 87.73	20.30 -3.02 4.13	41.59 -1.95 4.13	44.71 -2.12 0.00	30.90 -1.69 0.00	24.73 -1.55 0.50	20.21 -1.33 0.08

CALVERTON___SOLAR 323806	23.49 0.73 0.00	22.99 0.76 0.00	21.01 0.64 0.00	18.29 0.60 0.00	17.81 0.55 0.00	22.85 0.91 0.00	36.76 1.40 0.00	42.87 1.47 0.00	30.95 1.66 16.70	5.50 0.87 23.94	23.75 1.16 0.00	23.83 1.18 0.00	24.67 1.07 0.00	28.46 1.86 0.00	29.80 1.97 0.00	32.36 2.08 0.00	43.46 2.85 0.11	52.06 2.78 1.36	54.90 5.31 61.46	44.35 2.38 5.71	49.35 2.51 0.00	34.64 2.04 0.00	28.90 2.12 0.00	23.53 1.91 0.00
CANDIGU_WT_PWR 323617	22.13 -0.63 0.00	21.52 -0.71 0.00	19.62 -0.76 0.00	16.94 -0.74 0.00	16.64 -0.62 0.00	21.43 -0.51 0.00	35.15 -0.22 0.00	41.07 -0.33 0.00	40.82 -0.66 4.51	20.77 -0.18 7.62	22.36 -0.23 0.00	22.60 -0.05 0.00	23.60 -0.01 0.00	26.43 -0.17 0.00	27.74 -0.09 0.00	30.02 -0.27 0.00	40.32 -0.39 0.00	50.04 -0.61 0.00	-47.65 -0.57 158.13	39.56 -0.71 7.41	45.75 -1.08 0.00	31.32 -1.28 0.00	22.92 -1.18 2.69	19.93 -1.26 0.43
CARR STREET_E_SYR 24060	22.30 -0.47 0.00	21.74 -0.48 0.00	19.92 -0.45 0.00	17.29 -0.40 0.00	16.89 -0.37 0.00	21.47 -0.48 0.00	36.18 -0.72 -1.54	42.09 -1.09 -1.78	43.01 -1.41 1.57	23.75 -0.54 4.27	22.06 -0.53 0.00	22.14 -0.51 0.00	23.08 -0.52 0.00	25.99 -0.61 0.00	27.21 -0.61 0.00	29.63 -0.66 0.00	39.92 -0.80 0.00	49.93 -0.73 0.00	152.64 -1.51 -43.10	49.04 -0.90 -2.28	45.87 -0.97 0.00	31.90 -0.69 0.00	26.16 -0.62 0.00	21.13 -0.49 0.00
CARTHAGE___PAPER 23857	22.78 0.01 0.00	22.41 0.19 0.00	20.57 0.20 0.00	17.91 0.23 0.00	17.58 0.32 0.00	22.44 0.50 0.00	38.56 1.43 -1.76	45.20 1.77 -2.03	49.60 1.36 -2.25	30.79 0.44 -1.78	22.69 0.10 0.00	22.69 0.04 0.00	23.65 0.04 0.00	26.65 0.05 0.00	28.02 0.19 0.00	30.54 0.25 0.00	41.26 0.54 0.00	52.69 2.04 0.00	147.86 5.70 -31.12	51.21 2.14 -1.41	48.65 1.82 0.00	33.31 0.72 0.00	27.36 0.57 0.00	21.87 0.24 0.00
CASSADAGA_WT_PWR 323784	22.25 -0.52 0.00	21.69 -0.54 0.00	19.71 -0.66 0.00	17.03 -0.65 0.00	16.73 -0.53 0.00	21.66 -0.28 0.00	35.47 0.11 0.00	41.33 -0.07 0.00	39.39 -0.36 6.23	18.75 0.16 9.97	22.85 0.27 0.00	23.06 0.41 0.00	24.21 0.60 0.00	27.07 0.46 0.00	28.38 0.55 0.00	30.50 0.21 0.00	40.65 -0.06 0.00	50.27 -0.38 0.00	13.33 -0.13 97.58	41.79 -1.29 4.58	45.02 -1.82 0.00	30.78 -1.82 0.00	24.61 -1.79 0.37	19.82 -1.74 0.06
CE_DUNWOOD___DRP 24194	23.81 1.05 0.00	23.28 1.05 0.00	21.33 0.95 0.00	18.53 0.84 0.00	18.08 0.82 0.00	22.98 1.04 0.00	36.95 1.58 0.00	43.20 1.80 0.00	48.25 2.26 0.00	30.22 1.65 0.00	24.17 1.58 0.00	24.24 1.59 0.00	25.19 1.58 0.00	28.48 1.87 0.00	29.75 1.93 0.00	32.40 2.12 0.00	43.57 2.85 0.00	53.97 3.32 0.00	118.02 6.97 0.00	50.41 2.75 0.00	49.29 2.45 0.00	34.54 1.94 0.00	28.51 1.73 0.00	23.06 1.44 0.00
CE_MILLWOOD___DRP 24193	23.78 1.01 0.00	23.24 1.02 0.00	21.30 0.92 0.00	18.50 0.82 0.00	18.06 0.80 0.00	22.94 1.01 0.00	36.90 1.53 0.00	43.14 1.74 0.00	48.17 2.18 0.00	30.17 1.60 0.00	24.11 1.53 0.00	24.18 1.53 0.00	25.13 1.53 0.00	28.41 1.80 0.00	29.68 1.85 0.00	32.32 2.03 0.00	43.46 2.75 0.00	53.87 3.22 0.00	117.82 6.78 0.00	50.32 2.65 0.00	49.21 2.38 0.00	34.48 1.89 0.00	28.45 1.68 0.00	23.01 1.39 0.00
CE_NYC2_DRP 24202	23.96 1.20 0.00	23.41 1.18 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.19 0.93 0.00	23.10 1.16 0.00	37.09 1.72 0.00	43.33 1.93 0.00	48.51 2.52 0.00	30.50 1.93 0.00	24.40 1.82 0.00	24.48 1.83 0.00	25.41 1.81 0.00	28.75 2.15 0.00	30.03 2.21 0.00	32.70 2.41 0.00	43.84 3.13 0.00	54.26 3.61 0.00	118.56 7.52 0.00	50.66 2.99 0.00	49.55 2.71 0.00	34.79 2.19 0.00	28.69 1.91 0.00	23.22 1.60 0.00
CE_NYC_DRP 24195	23.97 1.20 0.00	23.42 1.19 0.00	21.46 1.09 0.00	18.64 0.95 0.00	18.19 0.93 0.00	23.12 1.18 0.00	37.17 1.80 0.00	43.44 2.04 0.00	48.59 2.60 0.00	30.51 1.94 0.00	24.43 1.85 0.00	24.52 1.87 0.00	25.46 1.86 0.00	28.80 2.20 0.00	30.08 2.26 0.00	32.77 2.48 0.00	43.99 3.28 0.00	54.45 3.80 0.00	118.99 7.94 0.00	50.80 3.13 0.00	49.65 2.81 0.00	34.80 2.21 0.00	28.70 1.92 0.00	23.20 1.58 0.00
CHAFFEE___LFGE 323603	22.31 -0.45 0.00	21.57 -0.65 0.00	19.53 -0.84 0.00	16.84 -0.85 0.00	16.50 -0.76 0.00	21.31 -0.63 0.00	34.84 -0.52 0.00	40.43 -0.97 0.00	38.39 -1.30 6.30	18.12 -0.37 10.08	22.23 -0.35 0.00	22.40 -0.24 0.00	23.61 0.00 0.00	26.38 -0.22 0.00	27.59 -0.24 0.00	29.75 -0.54 0.00	39.74 -0.97 0.00	49.05 -1.60 0.00	15.34 -2.26 93.45	41.65 -1.63 4.39	45.08 -1.75 0.00	31.13 -1.46 0.00	25.01 -1.37 0.41	20.35 -1.20 0.06
CHATEAUG_35_KV_LOAD 355732	23.27 0.50 0.00	22.81 0.59 0.00	20.91 0.54 0.00	18.16 0.48 0.00	17.69 0.43 0.00	22.43 0.50 0.00	36.29 0.93 0.00	42.41 1.01 0.00	46.81 0.82 0.00	28.92 0.35 0.00	22.83 0.25 0.00	22.85 0.20 0.00	23.86 0.25 0.00	26.88 0.28 0.00	28.14 0.31 0.00	30.64 0.34 0.00	40.83 0.11 0.00	50.83 0.18 0.00	111.61 0.56 0.00	48.57 0.90 0.00	48.00 1.16 0.00	33.35 0.76 0.00	27.19 0.41 0.00	21.85 0.23 0.00
CHATEAUG_WT_PWR 323614	23.21 0.44 0.00	22.76 0.54 0.00	20.87 0.49 0.00	18.12 0.44 0.00	17.66 0.40 0.00	22.39 0.45 0.00	36.20 0.84 0.00	42.28 0.89 0.00	46.66 0.67 0.00	28.88 0.31 0.00	22.81 0.22 0.00	22.83 0.18 0.00	23.84 0.23 0.00	26.85 0.25 0.00	28.11 0.29 0.00	30.62 0.33 0.00	40.80 0.08 0.00	50.76 0.11 0.00	111.48 0.44 0.00	48.42 0.75 0.00	47.81 0.97 0.00	33.23 0.64 0.00	27.10 0.33 0.00	21.79 0.17 0.00
CHAT_HIGH_FALL_HYD 323578	23.27 0.50 0.00	22.81 0.59 0.00	20.91 0.54 0.00	18.16 0.48 0.00	17.69 0.43 0.00	22.43 0.50 0.00	36.29 0.93 0.00	42.41 1.01 0.00	46.81 0.82 0.00	28.92 0.35 0.00	22.83 0.25 0.00	22.85 0.20 0.00	23.86 0.25 0.00	26.88 0.28 0.00	28.14 0.31 0.00	30.64 0.34 0.00	40.83 0.11 0.00	50.83 0.18 0.00	111.61 0.56 0.00	48.57 0.90 0.00	48.00 1.16 0.00	33.35 0.76 0.00	27.19 0.41 0.00	21.85 0.23 0.00
CHAUTAUQUA___LFGE 323629	22.24 -0.52 0.00	21.57 -0.65 0.00	19.58 -0.80 0.00	16.89 -0.79 0.00	16.57 -0.69 0.00	21.43 -0.51 0.00	35.07 -0.30 0.00	40.73 -0.67 0.00	38.62 -1.00 6.37	18.18 -0.20 10.19	22.53 -0.05 0.00	22.73 0.08 0.00	23.91 0.30 0.00	26.72 0.12 0.00	27.99 0.16 0.00	30.04 -0.25 0.00	40.04 -0.67 0.00	49.48 -1.17 0.00	16.79 -1.59 92.67	41.69 -1.63 4.36	44.87 -1.97 0.00	30.85 -1.74 0.00	24.65 -1.66 0.46	20.03 -1.52 0.07
CHERRYST_13_KV_LD 356241	24.02 1.25 0.00	23.47 1.25 0.00	21.50 1.13 0.00	18.68 1.00 0.00	18.23 0.97 0.00	23.17 1.23 0.00	37.28 1.92 0.00	43.59 2.19 0.00	48.76 2.77 0.00	30.62 2.06 0.00	24.53 1.94 0.00	24.61 1.96 0.00	25.56 1.96 0.00	28.92 2.31 0.00	30.21 2.38 0.00	32.90 2.61 0.00	44.18 3.46 0.00	54.66 4.01 0.00	119.36 8.31 0.00	50.95 3.28 0.00	49.78 2.94 0.00	34.90 2.30 0.00	28.76 1.98 0.00	23.26 1.64 0.00

CHESTROR_138KV_BK263 355645	23.62 0.85 0.00	23.09 0.86 0.00	21.15 0.78 0.00	18.37 0.69 0.00	17.93 0.67 0.00	22.80 0.86 0.00	36.72 1.35 0.00	42.92 1.53 0.00	47.83 1.84 0.00	29.89 1.33 0.00	23.81 1.22 0.00	23.87 1.22 0.00	24.82 1.21 0.00	28.04 1.44 0.00	29.32 1.49 0.00	31.95 1.66 0.00	43.00 2.28 0.00	53.39 2.74 0.00	116.89 5.85 0.00	49.98 2.31 0.00	48.86 2.03 0.00	34.18 1.58 0.00	28.21 1.43 0.00	22.78 1.16 0.00
CH_MIDHUDSON___DRP 24192	23.81 1.05 0.00	23.27 1.05 0.00	21.33 0.95 0.00	18.53 0.84 0.00	18.08 0.82 0.00	22.99 1.05 0.00	37.00 1.63 0.00	43.27 1.87 0.00	48.28 2.29 0.00	30.18 1.61 0.00	24.09 1.50 0.00	24.15 1.50 0.00	25.10 1.49 0.00	28.35 1.75 0.00	29.62 1.80 0.00	32.29 2.00 0.00	43.51 2.79 0.00	54.03 3.38 0.00	118.10 7.05 0.00	50.47 2.80 0.00	49.40 2.56 0.00	34.53 1.94 0.00	28.48 1.70 0.00	23.02 1.40 0.00
CH_MISC_IPPS 23765	23.94 1.17 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.10 1.16 0.00	37.22 1.86 0.00	43.55 2.16 0.00	48.57 2.58 0.00	30.36 1.79 0.00	24.20 1.61 0.00	24.27 1.62 0.00	25.23 1.62 0.00	28.50 1.90 0.00	29.81 1.99 0.00	32.49 2.20 0.00	43.77 3.05 0.00	54.37 3.73 0.00	118.89 7.84 0.00	50.81 3.14 0.00	49.69 2.85 0.00	34.72 2.13 0.00	28.63 1.85 0.00	23.12 1.50 0.00
CH_RES_BVR_FALLS 23983	22.71 -0.05 0.00	22.23 0.00 0.00	20.39 0.01 0.00	17.71 0.03 0.00	17.27 0.01 0.00	21.95 0.01 0.00	35.50 0.13 0.00	41.51 0.11 0.00	45.91 -0.08 0.00	28.50 -0.07 0.00	22.59 0.01 0.00	22.65 0.00 0.00	23.65 0.04 0.00	26.65 0.04 0.00	27.86 0.04 0.00	30.32 0.03 0.00	40.56 -0.15 0.00	50.41 -0.24 0.00	110.79 -0.25 0.00	47.75 0.08 0.00	46.86 0.02 0.00	32.49 -0.11 0.00	26.57 -0.21 0.00	11.47 -0.34 9.81
CH_RES_NIAGARA 23895	21.62 -1.15 0.00	20.86 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.58 -2.81 0.00	35.75 -3.38 6.86	16.04 -1.55 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.90 -2.82 0.00	46.60 -4.05 0.00	28.09 -7.60 75.36	40.27 -3.85 3.55	42.95 -3.89 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.70 -1.86 0.06
CH_RES_SYRACUSE 23985	22.40 -0.36 0.00	21.84 -0.38 0.00	20.02 -0.35 0.00	17.37 -0.31 0.00	16.98 -0.28 0.00	21.59 -0.35 0.00	37.52 -0.53 -2.69	43.64 -0.86 -3.11	46.49 -1.23 -1.73	28.17 -0.40 0.00	22.14 -0.44 0.00	22.24 -0.41 0.00	23.18 -0.43 0.00	26.11 -0.50 0.00	27.39 -0.43 0.00	29.79 -0.50 0.00	40.46 -0.25 0.00	51.32 0.67 0.00	160.44 -0.17 -49.57	48.97 -0.39 -1.69	46.38 -0.46 0.00	32.16 -0.44 0.00	26.36 -0.42 0.00	21.30 -0.32 0.00
CLINTON_WT_PWR 323605	23.21 0.44 0.00	22.76 0.54 0.00	20.87 0.49 0.00	18.12 0.44 0.00	17.66 0.40 0.00	22.39 0.45 0.00	36.20 0.84 0.00	42.28 0.89 0.00	46.66 0.67 0.00	28.88 0.31 0.00	22.81 0.22 0.00	22.83 0.18 0.00	23.84 0.23 0.00	26.85 0.25 0.00	28.11 0.29 0.00	30.62 0.33 0.00	40.80 0.08 0.00	50.76 0.11 0.00	111.48 0.44 0.00	48.42 0.75 0.00	47.81 0.97 0.00	33.23 0.64 0.00	27.10 0.33 0.00	21.79 0.17 0.00
CLINTON___LFGE 323618	23.87 1.10 0.00	23.34 1.11 0.00	21.37 0.99 0.00	18.56 0.88 0.00	18.07 0.81 0.00	22.81 0.87 0.00	36.93 1.57 0.00	43.06 1.67 0.00	47.33 1.34 0.00	29.26 0.69 0.00	23.05 0.46 0.00	23.07 0.42 0.00	24.06 0.45 0.00	27.11 0.51 0.00	28.41 0.59 0.00	31.00 0.71 0.00	41.22 0.50 0.00	51.50 0.85 0.00	113.10 2.06 0.00	49.26 1.59 0.00	48.79 1.96 0.00	33.93 1.33 0.00	27.78 1.00 0.00	22.33 0.70 0.00
COBBLENY_34_KV_TB1 80064	22.31 -0.45 0.00	21.57 -0.66 0.00	19.53 -0.84 0.00	16.84 -0.85 0.00	16.50 -0.76 0.00	21.31 -0.63 0.00	34.84 -0.52 0.00	40.43 -0.96 0.00	38.37 -1.33 6.30	18.10 -0.39 10.08	22.23 -0.35 0.00	22.41 -0.24 0.00	23.61 0.00 0.00	26.38 -0.22 0.00	27.59 -0.24 0.00	29.75 -0.54 0.00	39.73 -0.98 0.00	49.03 -1.62 0.00	15.42 -2.18 93.45	41.70 -1.58 4.39	45.08 -1.76 0.00	31.13 -1.46 0.00	25.01 -1.37 0.41	20.37 -1.19 0.06
COFFEEN___115KV_TB3 355620	22.66 -0.10 0.00	22.29 0.06 0.00	20.46 0.08 0.00	17.82 0.13 0.00	17.49 0.23 0.00	22.33 0.39 0.00	38.79 1.29 -2.13	45.48 1.61 -2.47	50.06 1.18 -2.89	31.35 0.34 -2.45	22.54 -0.05 0.00	22.53 -0.12 0.00	23.46 -0.14 0.00	26.45 -0.16 0.00	27.87 0.05 0.00	30.37 0.09 0.00	41.10 0.39 0.00	52.89 2.24 0.00	148.49 6.18 -31.26	51.27 2.18 -1.41	48.64 1.80 0.00	33.22 0.63 0.00	27.25 0.47 0.00	21.77 0.14 0.00
COLDSPRG_115KV_BK1 355956	22.76 0.00 0.00	22.11 -0.11 0.00	20.06 -0.31 0.00	17.33 -0.36 0.00	17.03 -0.23 0.00	22.02 0.08 0.00	36.16 0.80 0.00	42.14 0.74 0.00	40.65 0.50 5.84	19.59 0.65 9.63	23.15 0.57 0.00	23.38 0.73 0.00	24.55 0.94 0.00	27.46 0.86 0.00	28.74 0.91 0.00	30.90 0.60 0.00	41.25 0.54 0.00	51.07 0.42 0.00	7.85 2.14 105.34	42.72 -0.01 4.95	46.37 -0.47 0.00	31.87 -0.72 0.00	25.75 -0.79 0.24	20.72 -0.86 0.04
COLONIE_LFGE___ 323577	23.51 0.75 0.00	22.96 0.73 0.00	21.07 0.70 0.00	18.32 0.64 0.00	17.87 0.61 0.00	22.75 0.81 0.00	36.51 1.15 0.00	42.66 1.26 0.00	47.39 1.40 0.00	29.39 0.82 0.00	23.33 0.75 0.00	23.36 0.72 0.00	24.31 0.70 0.00	27.41 0.80 0.00	28.65 0.82 0.00	31.23 0.94 0.00	42.28 1.57 0.00	52.81 2.16 0.00	115.59 4.54 0.00	49.41 1.75 0.00	48.62 1.78 0.00	33.81 1.21 0.00	27.91 1.13 0.00	22.59 0.97 0.00
COOPERNY_115KV_TB1 80082	23.42 0.66 0.00	22.89 0.67 0.00	20.97 0.60 0.00	18.21 0.52 0.00	17.78 0.52 0.00	22.61 0.67 0.00	36.43 1.07 0.00	42.60 1.20 0.00	47.41 1.42 0.00	29.61 1.04 0.00	23.54 0.96 0.00	23.61 0.96 0.00	24.56 0.95 0.00	27.73 1.12 0.00	28.98 1.16 0.00	31.57 1.28 0.00	42.46 1.75 0.00	52.73 2.08 0.00	115.43 4.39 0.00	49.39 1.72 0.00	48.37 1.54 0.00	33.79 1.20 0.00	27.86 1.08 0.00	22.49 0.87 0.00
COPENHAGEN_WT_PWR 323753	22.27 -0.49 0.00	21.96 -0.27 0.00	20.18 -0.19 0.00	17.58 -0.10 0.00	17.27 0.01 0.00	22.03 0.09 0.00	38.40 0.80 -2.23	44.99 1.01 -2.58	49.61 0.56 -3.06	31.28 0.08 -2.63	22.43 -0.16 0.00	22.44 -0.21 0.00	23.37 -0.23 0.00	26.35 -0.25 0.00	27.78 -0.04 0.00	30.22 -0.07 0.00	40.80 0.09 0.00	52.32 1.66 0.00	146.87 4.52 -31.30	50.49 1.42 -1.41	47.84 1.00 0.00	32.62 0.03 0.00	26.79 0.01 0.00	21.42 -0.20 0.00
CORNELL_____ 23752	22.73 -0.04 0.00	22.13 -0.10 0.00	20.25 -0.13 0.00	17.56 -0.12 0.00	17.17 -0.09 0.00	21.88 -0.06 0.00	36.87 0.10 -1.41	42.95 -0.07 -1.63	44.84 -0.35 0.80	25.61 -0.08 2.89	22.31 -0.28 0.00	22.34 -0.31 0.00	23.27 -0.33 0.00	26.20 -0.40 0.00	27.43 -0.39 0.00	29.91 -0.38 0.00	40.51 -0.20 0.00	51.05 0.40 0.00	1446.98 2.99 -1332.95	108.75 0.61 -60.47	47.20 0.36 0.00	32.64 0.04 0.00	26.87 -0.09 0.00	21.52 -0.13 -0.03

CORONA_69_KV_TB1 355595	23.92 1.15 0.00	23.37 1.15 0.00	21.38 1.01 0.00	18.58 0.90 0.00	18.12 0.86 0.00	23.04 1.10 0.00	36.97 1.61 0.00	43.19 1.79 0.00	45.65 2.13 2.47	26.63 1.61 3.54	24.25 1.66 0.00	24.35 1.70 0.00	25.29 1.69 0.00	28.68 2.08 0.00	29.97 2.14 0.00	32.58 2.29 0.00	43.94 3.10 -0.12	55.28 3.39 -1.23	110.44 7.07 7.67	49.64 2.80 0.83	49.37 2.54 0.00	34.85 2.25 0.00	28.89 2.11 0.00	23.43 1.81 0.00
CORTLAND_115KV_TB3 80093	22.59 -0.18 0.00	22.01 -0.21 0.00	20.16 -0.21 0.00	17.50 -0.19 0.00	17.10 -0.16 0.00	21.77 -0.17 0.00	37.01 -0.16 -1.81	43.10 -0.39 -2.09	45.34 -0.66 -0.01	26.41 -0.21 1.95	22.26 -0.33 0.00	22.31 -0.34 0.00	23.25 -0.36 0.00	26.19 -0.42 0.00	27.41 -0.42 0.00	29.87 -0.42 0.00	40.37 -0.34 0.00	50.69 0.04 0.00	856.04 1.63 -743.37	80.67 0.15 -32.86	46.80 -0.03 0.00	32.43 -0.16 0.00	26.63 -0.22 -0.06	21.44 -0.19 -0.01
COXSACKIE___GT 23611	23.90 1.14 0.00	23.31 1.08 0.00	21.39 1.02 0.00	18.60 0.92 0.00	18.16 0.90 0.00	23.16 1.22 0.00	37.29 1.92 0.00	43.62 2.22 0.00	48.34 2.35 0.00	29.61 1.04 0.00	23.24 0.66 0.00	23.19 0.54 0.00	24.09 0.48 0.00	27.16 0.56 0.00	28.42 0.60 0.00	31.11 0.82 0.00	42.51 1.80 0.00	53.81 3.16 0.00	118.90 7.85 0.00	50.80 3.13 0.00	49.84 3.01 0.00	34.48 1.89 0.00	28.44 1.66 0.00	22.96 1.34 0.00
CPV_VALLEY___CC1 323721	23.53 0.76 0.00	23.00 0.77 0.00	21.08 0.70 0.00	18.30 0.62 0.00	17.87 0.61 0.00	22.71 0.77 0.00	36.58 1.22 0.00	42.76 1.36 0.00	47.64 1.65 0.00	29.77 1.20 0.00	23.72 1.13 0.00	23.78 1.13 0.00	24.73 1.12 0.00	27.93 1.33 0.00	29.20 1.38 0.00	31.80 1.51 0.00	42.78 2.06 0.00	53.10 2.45 0.00	116.26 5.21 0.00	49.70 2.04 0.00	48.62 1.79 0.00	34.01 1.41 0.00	28.06 1.28 0.00	22.67 1.05 0.00
CPV_VALLEY___CC2 323722	23.53 0.76 0.00	23.00 0.77 0.00	21.08 0.70 0.00	18.30 0.62 0.00	17.87 0.61 0.00	22.71 0.77 0.00	36.58 1.22 0.00	42.76 1.36 0.00	47.64 1.65 0.00	29.77 1.20 0.00	23.72 1.13 0.00	23.78 1.13 0.00	24.73 1.12 0.00	27.93 1.33 0.00	29.20 1.38 0.00	31.80 1.51 0.00	42.78 2.06 0.00	53.10 2.45 0.00	116.26 5.21 0.00	49.70 2.04 0.00	48.62 1.79 0.00	34.01 1.41 0.00	28.06 1.28 0.00	22.67 1.05 0.00
CRESCENT___HYD 24018	23.51 0.75 0.00	22.96 0.73 0.00	21.07 0.70 0.00	18.32 0.64 0.00	17.87 0.61 0.00	22.75 0.81 0.00	36.51 1.15 0.00	42.66 1.26 0.00	47.39 1.40 0.00	29.39 0.82 0.00	23.33 0.75 0.00	23.36 0.72 0.00	24.31 0.70 0.00	27.41 0.80 0.00	28.65 0.82 0.00	31.23 0.94 0.00	42.28 1.57 0.00	52.81 2.16 0.00	115.59 4.54 0.00	49.41 1.75 0.00	48.62 1.78 0.00	33.81 1.21 0.00	27.91 1.13 0.00	22.59 0.97 0.00
CRICKET___VALLEY_CC1 323756	23.65 0.88 0.00	23.11 0.89 0.00	21.19 0.82 0.00	18.42 0.73 0.00	17.98 0.71 0.00	22.85 0.91 0.00	36.68 1.32 0.00	42.88 1.48 0.00	47.90 1.91 0.00	29.92 1.35 0.00	23.88 1.30 0.00	23.95 1.30 0.00	24.88 1.27 0.00	28.07 1.47 0.00	29.29 1.47 0.00	31.90 1.61 0.00	43.02 2.31 0.00	53.48 2.83 0.00	117.04 5.99 0.00	50.01 2.34 0.00	48.98 2.14 0.00	34.22 1.62 0.00	28.25 1.47 0.00	22.86 1.24 0.00
CRICKET___VALLEY_CC2 323757	23.65 0.88 0.00	23.11 0.89 0.00	21.19 0.82 0.00	18.42 0.73 0.00	17.98 0.71 0.00	22.85 0.91 0.00	36.68 1.32 0.00	42.88 1.48 0.00	47.90 1.91 0.00	29.92 1.35 0.00	23.88 1.30 0.00	23.95 1.30 0.00	24.88 1.27 0.00	28.07 1.47 0.00	29.29 1.47 0.00	31.90 1.61 0.00	43.02 2.31 0.00	53.48 2.83 0.00	117.04 5.99 0.00	50.01 2.34 0.00	48.98 2.14 0.00	34.22 1.62 0.00	28.25 1.47 0.00	22.86 1.24 0.00
CRICKET___VALLEY_CC3 323758	23.65 0.88 0.00	23.11 0.89 0.00	21.19 0.82 0.00	18.42 0.73 0.00	17.98 0.71 0.00	22.85 0.91 0.00	36.68 1.32 0.00	42.88 1.48 0.00	47.90 1.91 0.00	29.92 1.35 0.00	23.88 1.30 0.00	23.95 1.30 0.00	24.88 1.27 0.00	28.07 1.47 0.00	29.29 1.47 0.00	31.90 1.61 0.00	43.02 2.31 0.00	53.48 2.83 0.00	117.04 5.99 0.00	50.01 2.34 0.00	48.98 2.14 0.00	34.22 1.62 0.00	28.25 1.47 0.00	22.86 1.24 0.00
CRUCIBLE_METL_DRP 24180	22.40 -0.36 0.00	21.84 -0.38 0.00	20.02 -0.35 0.00	17.37 -0.31 0.00	16.98 -0.28 0.00	21.59 -0.35 0.00	37.52 -0.53 -2.69	43.64 -0.86 -3.11	46.49 -1.23 -1.73	28.17 -0.40 0.00	22.14 -0.44 0.00	22.24 -0.41 0.00	23.18 -0.43 0.00	26.11 -0.50 0.00	27.39 -0.43 0.00	29.79 -0.50 0.00	40.46 -0.25 0.00	51.32 0.67 0.00	160.45 -0.17 -49.57	48.97 -0.39 -1.69	46.38 -0.46 0.00	32.16 -0.44 0.00	26.36 -0.42 0.00	21.30 -0.32 0.00
DAHOWA___HYDRO 323763	23.79 1.03 0.00	23.23 1.01 0.00	21.31 0.94 0.00	18.52 0.84 0.00	18.07 0.81 0.00	23.08 1.14 0.00	37.22 1.86 0.00	43.54 2.14 0.00	48.13 2.14 0.00	29.67 1.10 0.00	23.47 0.88 0.00	23.50 0.85 0.00	24.44 0.83 0.00	27.52 0.92 0.00	28.81 0.99 0.00	31.50 1.21 0.00	42.87 2.16 0.00	53.64 2.99 0.00	117.56 6.51 0.00	50.25 2.58 0.00	49.37 2.53 0.00	34.29 1.70 0.00	28.29 1.50 0.00	22.91 1.28 0.00
DANC___LFGE 323619	22.23 -0.53 0.00	21.83 -0.40 0.00	20.04 -0.34 0.00	17.43 -0.25 0.00	17.08 -0.17 0.00	21.76 -0.17 0.00	38.23 0.09 -2.78	44.68 0.06 -3.22	49.65 -0.33 -4.00	31.95 -0.23 -3.61	22.21 -0.37 0.00	22.24 -0.41 0.00	23.17 -0.44 0.00	26.11 -0.50 0.00	27.59 -0.23 0.00	29.92 -0.37 0.00	40.41 -0.31 0.00	51.63 0.98 0.00	144.70 2.15 -31.51	49.46 0.38 -1.42	46.96 0.13 0.00	32.25 -0.35 0.00	26.49 -0.29 0.00	21.26 -0.36 0.00
DANSKAMMER___1 23586	23.94 1.17 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.10 1.16 0.00	37.22 1.86 0.00	43.55 2.16 0.00	48.57 2.58 0.00	30.36 1.79 0.00	24.20 1.61 0.00	24.27 1.62 0.00	25.23 1.62 0.00	28.50 1.90 0.00	29.81 1.99 0.00	32.49 2.20 0.00	43.77 3.05 0.00	54.37 3.73 0.00	118.89 7.84 0.00	50.81 3.14 0.00	49.69 2.85 0.00	34.72 2.13 0.00	28.63 1.85 0.00	23.12 1.50 0.00
DANSKAMMER___2 23589	23.94 1.17 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.10 1.16 0.00	37.22 1.86 0.00	43.55 2.16 0.00	48.57 2.58 0.00	30.36 1.79 0.00	24.20 1.61 0.00	24.27 1.62 0.00	25.23 1.62 0.00	28.50 1.90 0.00	29.81 1.99 0.00	32.49 2.20 0.00	43.77 3.05 0.00	54.37 3.73 0.00	118.89 7.84 0.00	50.81 3.14 0.00	49.69 2.85 0.00	34.72 2.13 0.00	28.63 1.85 0.00	23.12 1.50 0.00
DANSKAMMER___3 23590	23.94 1.17 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.10 1.16 0.00	37.22 1.86 0.00	43.55 2.16 0.00	48.57 2.58 0.00	30.36 1.79 0.00	24.20 1.61 0.00	24.27 1.62 0.00	25.23 1.62 0.00	28.50 1.90 0.00	29.81 1.99 0.00	32.49 2.20 0.00	43.77 3.05 0.00	54.37 3.73 0.00	118.89 7.84 0.00	50.81 3.14 0.00	49.69 2.85 0.00	34.72 2.13 0.00	28.63 1.85 0.00	23.12 1.50 0.00

DANSKAMMER___4 23591	23.94 1.17 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.10 1.16 0.00	37.22 1.86 0.00	43.55 2.16 0.00	48.57 2.58 0.00	30.36 1.79 0.00	24.20 1.61 0.00	24.27 1.62 0.00	25.23 1.62 0.00	28.50 1.90 0.00	29.81 1.99 0.00	32.49 2.20 0.00	43.77 3.05 0.00	54.37 3.73 0.00	118.89 7.84 0.00	50.81 3.14 0.00	49.69 2.85 0.00	34.72 2.13 0.00	28.63 1.85 0.00	23.12 1.50 0.00
DANSKAMMER___DIESEL 23592	23.94 1.17 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.92 0.00	18.16 0.90 0.00	23.10 1.16 0.00	37.23 1.86 0.00	43.55 2.16 0.00	48.57 2.58 0.00	30.36 1.79 0.00	24.20 1.61 0.00	24.27 1.62 0.00	25.23 1.62 0.00	28.50 1.90 0.00	29.81 1.99 0.00	32.49 2.20 0.00	43.77 3.06 0.00	54.38 3.73 0.00	118.87 7.83 0.00	50.80 3.14 0.00	49.69 2.85 0.00	34.72 2.13 0.00	28.63 1.85 0.00	23.12 1.50 0.00
DARBY___SOLAR 323810	23.72 0.95 0.00	23.15 0.93 0.00	21.24 0.87 0.00	18.46 0.78 0.00	18.01 0.75 0.00	22.98 1.04 0.00	37.05 1.68 0.00	43.33 1.93 0.00	47.92 1.93 0.00	29.57 1.00 0.00	23.40 0.81 0.00	23.43 0.78 0.00	24.35 0.75 0.00	27.44 0.84 0.00	28.73 0.91 0.00	31.40 1.11 0.00	42.71 1.99 0.00	53.42 2.78 0.00	117.03 5.98 0.00	50.04 2.38 0.00	49.15 2.32 0.00	34.16 1.57 0.00	28.18 1.40 0.00	22.82 1.20 0.00
DASHVILLE___HYD 23610	23.67 0.90 0.00	23.12 0.90 0.00	21.20 0.83 0.00	18.41 0.73 0.00	17.98 0.72 0.00	22.83 0.89 0.00	36.76 1.40 0.00	43.00 1.60 0.00	48.01 2.02 0.00	30.05 1.48 0.00	23.98 1.39 0.00	24.03 1.38 0.00	24.96 1.35 0.00	28.21 1.60 0.00	29.48 1.66 0.00	32.12 1.83 0.00	43.21 2.50 0.00	53.64 2.99 0.00	117.25 6.21 0.00	50.15 2.48 0.00	49.08 2.25 0.00	34.33 1.73 0.00	28.31 1.53 0.00	22.87 1.25 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.76 1.00 0.00	23.25 1.02 0.00	21.24 0.87 0.00	18.49 0.80 0.00	18.01 0.75 0.00	23.15 1.21 0.00	37.33 1.96 0.00	43.53 2.14 0.00	31.67 2.37 16.69	5.89 1.26 23.93	24.04 1.46 0.00	24.12 1.47 0.00	24.99 1.39 0.00	28.87 2.27 0.00	30.26 2.43 0.00	32.89 2.61 0.00	44.20 3.59 0.11	53.03 3.74 1.36	56.85 7.25 61.44	45.16 3.20 5.71	50.17 3.33 0.00	35.16 2.57 0.00	29.31 2.53 0.00	23.83 2.21 0.00
DELAWARE___LFGE 323621	23.40 0.64 0.00	22.86 0.63 0.00	20.97 0.60 0.00	18.19 0.51 0.00	17.78 0.52 0.00	22.61 0.68 0.00	36.57 1.20 0.00	42.76 1.37 0.00	45.90 1.46 1.55	27.12 1.03 2.48	23.47 0.89 0.00	23.57 0.93 0.00	24.55 0.94 0.00	27.67 1.06 0.00	28.93 1.10 0.00	31.48 1.19 0.00	42.35 1.63 0.00	52.58 1.94 0.00	145.74 3.87 -30.83	50.60 1.61 -1.32	48.37 1.53 0.00	33.65 1.06 0.00	27.66 0.88 0.00	22.27 0.65 0.00
DERFIELD_115KV_TB7 355931	22.80 0.03 0.00	22.27 0.04 0.00	20.42 0.05 0.00	17.74 0.05 0.00	17.31 0.05 0.00	22.01 0.07 0.00	35.46 0.10 0.00	41.46 0.06 0.00	46.05 0.06 0.00	28.64 0.07 0.00	22.65 0.07 0.00	22.72 0.07 0.00	23.66 0.06 0.00	26.68 0.08 0.00	27.88 0.05 0.00	30.37 0.08 0.00	40.90 0.18 0.00	50.87 0.22 0.00	111.49 0.45 0.00	47.81 0.14 0.00	46.95 0.11 0.00	32.66 0.07 0.00	26.86 0.08 0.00	21.71 0.09 0.00
DOGLEVILLE___HYD 23807	22.69 -0.07 0.00	22.20 -0.03 0.00	20.40 0.02 0.00	17.74 0.05 0.00	17.33 0.07 0.00	22.11 0.17 0.00	35.67 0.31 0.00	41.76 0.36 0.00	46.03 0.04 0.00	28.10 -0.47 0.00	22.16 -0.42 0.00	22.25 -0.40 0.00	23.13 -0.48 0.00	26.11 -0.49 0.00	27.30 -0.52 0.00	29.95 -0.34 0.00	40.95 0.23 0.00	51.46 0.81 0.00	113.23 2.19 0.00	48.23 0.56 0.00	47.21 0.38 0.00	32.94 0.34 0.00	27.24 0.46 0.00	21.93 0.31 0.00
DUNKIRK___115KV_TB_200 55889	22.24 -0.52 0.00	21.56 -0.67 0.00	19.56 -0.82 0.00	16.87 -0.81 0.00	16.55 -0.71 0.00	21.41 -0.53 0.00	35.01 -0.36 0.00	40.65 -0.75 0.00	38.50 -1.11 6.38	18.09 -0.26 10.21	22.49 -0.09 0.00	22.69 0.04 0.00	23.87 0.27 0.00	26.68 0.07 0.00	27.94 0.11 0.00	29.98 -0.31 0.00	39.95 -0.76 0.00	49.35 -1.31 0.00	17.08 -1.77 92.20	41.71 -1.63 4.33	44.84 -2.00 0.00	30.87 -1.73 0.00	24.67 -1.64 0.47	20.07 -1.48 0.07
DUNKIRK___1 23563	22.24 -0.52 0.00	21.56 -0.67 0.00	19.56 -0.82 0.00	16.87 -0.81 0.00	16.55 -0.71 0.00	21.41 -0.53 0.00	35.01 -0.36 0.00	40.65 -0.75 0.00	38.50 -1.11 6.38	18.09 -0.26 10.21	22.49 -0.09 0.00	22.69 0.04 0.00	23.87 0.27 0.00	26.68 0.07 0.00	27.94 0.11 0.00	29.98 -0.31 0.00	39.95 -0.76 0.00	49.35 -1.31 0.00	17.08 -1.77 92.20	41.71 -1.63 4.33	44.84 -2.00 0.00	30.87 -1.73 0.00	24.67 -1.64 0.47	20.07 -1.48 0.07
DUNKIRK___2 23564	22.24 -0.52 0.00	21.56 -0.67 0.00	19.56 -0.82 0.00	16.87 -0.81 0.00	16.55 -0.71 0.00	21.41 -0.53 0.00	35.01 -0.36 0.00	40.65 -0.75 0.00	38.50 -1.11 6.38	18.09 -0.26 10.21	22.49 -0.09 0.00	22.69 0.04 0.00	23.87 0.27 0.00	26.68 0.07 0.00	27.94 0.11 0.00	29.98 -0.31 0.00	39.95 -0.76 0.00	49.35 -1.31 0.00	17.08 -1.77 92.20	41.71 -1.63 4.33	44.84 -2.00 0.00	30.87 -1.73 0.00	24.67 -1.64 0.47	20.07 -1.48 0.07
DUNKIRK___3 23565	22.23 -0.54 0.00	21.53 -0.70 0.00	19.52 -0.86 0.00	16.84 -0.85 0.00	16.51 -0.75 0.00	21.34 -0.60 0.00	34.89 -0.47 0.00	40.49 -0.90 0.00	38.26 -1.28 6.45	17.87 -0.37 10.32	22.28 -0.30 0.00	22.46 -0.19 0.00	23.65 0.04 0.00	26.43 -0.18 0.00	27.66 -0.17 0.00	29.82 -0.47 0.00	39.79 -0.92 0.00	49.16 -1.49 0.00	19.05 -2.06 89.94	41.72 -1.72 4.23	44.80 -2.04 0.00	30.88 -1.71 0.00	24.65 -1.61 0.52	20.11 -1.43 0.08
DUNKIRK___4 23566	22.23 -0.54 0.00	21.53 -0.70 0.00	19.52 -0.86 0.00	16.84 -0.85 0.00	16.51 -0.75 0.00	21.34 -0.60 0.00	34.89 -0.47 0.00	40.49 -0.90 0.00	38.26 -1.28 6.45	17.87 -0.37 10.32	22.28 -0.30 0.00	22.46 -0.19 0.00	23.65 0.04 0.00	26.43 -0.18 0.00	27.66 -0.17 0.00	29.82 -0.47 0.00	39.79 -0.92 0.00	49.16 -1.49 0.00	19.05 -2.06 89.94	41.72 -1.72 4.23	44.80 -2.04 0.00	30.88 -1.71 0.00	24.65 -1.61 0.52	20.11 -1.43 0.08
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.85 1.09 0.00	23.31 1.08 0.00	21.36 0.98 0.00	18.56 0.87 0.00	18.11 0.85 0.00	23.01 1.07 0.00	37.00 1.64 0.00	43.26 1.86 0.00	48.31 2.32 0.00	30.29 1.72 0.00	24.24 1.65 0.00	24.31 1.66 0.00	25.26 1.65 0.00	28.57 1.96 0.00	29.84 2.01 0.00	32.50 2.21 0.00	43.67 2.96 0.00	54.10 3.45 0.00	118.25 7.21 0.00	50.51 2.84 0.00	49.39 2.55 0.00	34.61 2.02 0.00	28.56 1.78 0.00	23.10 1.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.79 1.03 0.00	23.25 1.02 0.00	21.30 0.92 0.00	18.49 0.81 0.00	18.05 0.80 0.00	22.96 1.02 0.00	36.99 1.63 0.00	43.27 1.87 0.00	48.24 2.24 0.00	30.15 1.58 0.00	24.02 1.43 0.00	24.07 1.43 0.00	25.03 1.42 0.00	28.28 1.68 0.00	29.57 1.74 0.00	32.23 1.94 0.00	43.40 2.68 0.00	53.92 3.26 0.00	118.00 6.96 0.00	50.44 2.77 0.00	49.31 2.47 0.00	34.48 1.89 0.00	28.45 1.67 0.00	22.97 1.35 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.97 1.21 0.00	23.40 1.18 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.17 0.91 0.00	23.08 1.14 0.00	37.10 1.73 0.00	43.33 1.93 0.00	48.48 2.49 0.00	30.43 1.86 0.00	24.29 1.71 0.00	24.37 1.72 0.00	25.28 1.68 0.00	28.63 2.03 0.00	29.87 2.05 0.00	32.55 2.26 0.00	43.66 2.95 0.00	54.16 3.51 0.00	118.40 7.35 0.00	50.62 2.95 0.00	49.53 2.70 0.00	34.79 2.19 0.00	28.71 1.92 0.00	23.26 1.64 0.00
E179THST_13_KV_LOAD 356214	24.07 1.31 0.00	23.49 1.27 0.00	21.53 1.16 0.00	18.70 1.02 0.00	18.23 0.97 0.00	23.16 1.22 0.00	37.25 1.89 0.00	43.53 2.13 0.00	48.71 2.72 0.00	30.57 2.00 0.00	24.40 1.82 0.00	24.48 1.83 0.00	25.40 1.80 0.00	28.76 2.16 0.00	30.03 2.20 0.00	32.71 2.42 0.00	43.90 3.18 0.00	54.43 3.78 0.00	118.99 7.95 0.00	50.88 3.21 0.00	49.78 2.95 0.00	34.95 2.36 0.00	28.84 2.06 0.00	23.36 1.74 0.00
EAST HAMPTON___GT 23717	24.00 1.24 0.00	23.47 1.24 0.00	21.44 1.07 0.00	18.66 0.98 0.00	18.19 0.92 0.00	23.38 1.44 0.00	37.73 2.36 0.00	44.02 2.62 0.00	32.19 2.89 16.69	6.21 1.57 23.93	24.30 1.71 0.00	24.37 1.72 0.00	25.26 1.65 0.00	29.15 2.55 0.00	30.56 2.74 0.00	33.25 2.96 0.00	44.69 4.08 0.11	53.65 4.36 1.36	58.36 8.75 61.44	45.80 3.84 5.71	50.76 3.93 0.00	35.54 2.95 0.00	29.60 2.82 0.00	24.05 2.43 0.00
EAST RIVER___6 23660	23.98 1.22 0.00	23.43 1.20 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.21 0.94 0.00	23.14 1.20 0.00	37.22 1.85 0.00	43.52 2.12 0.00	48.67 2.68 0.00	30.58 2.01 0.00	24.50 1.92 0.00	24.59 1.94 0.00	25.54 1.94 0.00	28.90 2.29 0.00	30.18 2.36 0.00	32.88 2.59 0.00	44.13 3.41 0.00	54.57 3.92 0.00	119.25 8.20 0.00	50.91 3.24 0.00	49.75 2.91 0.00	34.89 2.29 0.00	28.75 1.97 0.00	23.24 1.62 0.00
EAST RIVER___7 23524	23.98 1.22 0.00	23.43 1.20 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.21 0.94 0.00	23.14 1.20 0.00	37.22 1.85 0.00	43.52 2.12 0.00	48.67 2.68 0.00	30.58 2.01 0.00	24.50 1.92 0.00	24.59 1.94 0.00	25.54 1.94 0.00	28.90 2.29 0.00	30.18 2.36 0.00	32.88 2.59 0.00	44.13 3.41 0.00	54.57 3.92 0.00	119.25 8.20 0.00	50.91 3.24 0.00	49.75 2.91 0.00	34.89 2.29 0.00	28.75 1.97 0.00	23.24 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.81 1.05 0.00	23.28 1.05 0.00	21.33 0.95 0.00	18.53 0.84 0.00	18.08 0.82 0.00	22.98 1.04 0.00	36.95 1.58 0.00	43.20 1.80 0.00	48.25 2.26 0.00	30.22 1.65 0.00	24.17 1.58 0.00	24.24 1.59 0.00	25.19 1.58 0.00	28.48 1.87 0.00	29.75 1.93 0.00	32.40 2.12 0.00	43.57 2.85 0.00	53.97 3.32 0.00	118.02 6.97 0.00	50.41 2.75 0.00	49.29 2.45 0.00	34.54 1.94 0.00	28.51 1.73 0.00	23.06 1.44 0.00
EAST_HAMPTON___DIESEL 23722	24.00 1.24 0.00	23.47 1.24 0.00	21.44 1.07 0.00	18.66 0.98 0.00	18.19 0.93 0.00	23.38 1.44 0.00	37.73 2.37 0.00	44.03 2.64 0.00	32.19 2.90 16.69	6.22 1.58 23.93	24.30 1.71 0.00	24.37 1.73 0.00	25.26 1.65 0.00	29.16 2.56 0.00	30.57 2.75 0.00	33.25 2.96 0.00	44.70 4.09 0.11	53.65 4.37 1.36	58.38 8.77 61.44	45.80 3.84 5.71	50.77 3.94 0.00	35.56 2.97 0.00	29.60 2.83 0.00	24.05 2.43 0.00
EAST_POINT___SOLAR 323840	24.25 1.48 0.00	23.59 1.37 0.00	21.68 1.30 0.00	18.81 1.13 0.00	18.39 1.13 0.00	23.42 1.48 0.00	38.06 2.70 0.00	44.61 3.21 0.00	48.37 2.38 0.00	29.17 0.60 0.00	22.85 0.27 0.00	23.00 0.35 0.00	24.20 0.59 0.00	27.64 1.04 0.00	29.20 1.38 0.00	31.87 1.59 0.00	43.06 2.34 0.00	54.29 3.64 0.00	119.94 8.90 0.00	51.37 3.70 0.00	50.29 3.46 0.00	34.92 2.33 0.00	28.63 1.85 0.00	23.00 1.38 0.00
EAST_PULASKI___ESR 323781	22.22 -0.55 0.00	21.71 -0.51 0.00	19.91 -0.45 0.00	17.30 -0.38 0.00	16.93 -0.33 0.00	21.53 -0.41 0.00	38.75 -0.54 -3.92	45.13 -0.81 -4.54	51.72 -1.20 -6.93	35.32 -0.53 -7.27	22.02 -0.57 0.00	22.06 -0.59 0.00	22.97 -0.63 0.00	25.89 -0.72 0.00	27.53 -0.30 0.00	29.67 -0.62 0.00	40.08 -0.64 0.00	51.30 0.65 0.00	143.72 -0.04 -32.72	48.46 -0.66 -1.45	46.07 -0.77 0.00	31.86 -0.73 0.00	26.17 -0.61 0.00	21.09 -0.53 0.00
EAST_RIVER___1 323558	23.97 1.20 0.00	23.42 1.19 0.00	21.46 1.09 0.00	18.64 0.95 0.00	18.19 0.93 0.00	23.11 1.18 0.00	37.16 1.80 0.00	43.44 2.04 0.00	48.59 2.60 0.00	30.51 1.94 0.00	24.44 1.85 0.00	24.52 1.87 0.00	25.47 1.86 0.00	28.80 2.20 0.00	30.08 2.26 0.00	32.77 2.48 0.00	43.99 3.27 0.00	54.44 3.79 0.00	118.99 7.95 0.00	50.80 3.14 0.00	49.65 2.81 0.00	34.80 2.21 0.00	28.70 1.92 0.00	23.20 1.58 0.00
EAST_RIVER___2 323559	23.98 1.22 0.00	23.43 1.20 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.21 0.94 0.00	23.14 1.20 0.00	37.22 1.85 0.00	43.52 2.12 0.00	48.67 2.68 0.00	30.58 2.01 0.00	24.50 1.92 0.00	24.59 1.94 0.00	25.54 1.94 0.00	28.90 2.29 0.00	30.18 2.36 0.00	32.88 2.59 0.00	44.13 3.41 0.00	54.57 3.92 0.00	119.25 8.20 0.00	50.91 3.24 0.00	49.75 2.91 0.00	34.89 2.29 0.00	28.75 1.97 0.00	23.24 1.62 0.00
EAST___DELAWARE_HYD 23607	23.97 1.21 0.00	23.41 1.19 0.00	21.45 1.08 0.00	18.62 0.93 0.00	18.18 0.92 0.00	23.14 1.20 0.00	37.36 2.00 0.00	43.72 2.33 0.00	48.68 2.68 0.00	30.36 1.79 0.00	24.13 1.55 0.00	24.16 1.51 0.00	25.11 1.50 0.00	28.36 1.75 0.00	29.66 1.84 0.00	32.34 2.05 0.00	43.61 2.90 0.00	54.29 3.64 0.00	119.05 8.00 0.00	50.92 3.24 0.00	49.79 2.95 0.00	34.77 2.17 0.00	28.63 1.86 0.00	23.09 1.47 0.00
EIGHT_POINT___WT_PWR 323820	21.99 -0.77 0.00	21.39 -0.84 0.00	19.43 -0.94 0.00	16.82 -0.87 0.00	16.56 -0.71 0.00	21.35 -0.59 0.00	35.22 -0.14 0.00	41.23 -0.17 0.00	41.07 -0.40 4.52	20.79 -0.04 7.73	22.42 -0.17 0.00	22.63 -0.02 0.00	23.56 -0.05 0.00	26.39 -0.22 0.00	27.70 -0.13 0.00	29.94 -0.35 0.00	40.33 -0.38 0.00	50.29 -0.36 0.00	-113.98 0.55 225.57	36.48 -0.65 10.54	45.47 -1.37 0.00	31.17 -1.42 0.00	26.90 -1.44 -1.57	20.34 -1.53 -0.25
ELBRIDGE_115KV_TB2 80188	22.28 -0.49 0.00	21.72 -0.50 0.00	19.90 -0.47 0.00	17.27 -0.41 0.00	16.88 -0.38 0.00	21.46 -0.48 0.00	37.47 -0.77 -2.87	43.62 -1.10 -3.33	46.32 -1.50 -1.83	28.02 -0.54 0.00	22.01 -0.57 0.00	22.12 -0.52 0.00	23.07 -0.54 0.00	25.97 -0.63 0.00	27.14 -0.69 0.00	29.60 -0.69 0.00	40.26 -0.46 0.00	51.37 0.72 0.00	126.86 -0.41 -16.22	47.16 -0.51 0.00	46.27 -0.57 0.00	32.04 -0.55 0.00	26.27 -0.51 0.00	21.25 -0.37 0.00
ELEC_TRO_TEK 24086	23.81 1.04 0.00	23.28 1.05 0.00	21.30 0.93 0.00	18.52 0.84 0.00	18.06 0.80 0.00	22.95 1.01 0.00	36.83 1.47 0.00	43.03 1.63 0.00	43.53 1.99 4.45	23.69 1.50 6.37	24.17 1.58 0.00	24.26 1.61 0.00	25.18 1.57 0.00	28.58 1.97 0.00	29.86 2.04 0.00	32.45 2.16 0.00	43.64 2.92 0.00	53.73 3.20 0.11	100.42 6.61 17.23	48.56 2.57 1.68	49.17 2.33 0.00	34.66 2.06 0.00	28.73 1.95 0.00	23.31 1.69 0.00

ELLENBURG_WT_PWR 323604	23.21 0.44 0.00	22.76 0.54 0.00	20.87 0.49 0.00	18.12 0.44 0.00	17.66 0.40 0.00	22.39 0.45 0.00	36.20 0.84 0.00	42.28 0.89 0.00	46.66 0.67 0.00	28.88 0.31 0.00	22.81 0.22 0.00	22.83 0.18 0.00	23.84 0.23 0.00	26.85 0.25 0.00	28.11 0.29 0.00	30.62 0.33 0.00	40.80 0.08 0.00	50.76 0.11 0.00	111.48 0.44 0.00	48.42 0.75 0.00	47.81 0.97 0.00	33.23 0.64 0.00	27.10 0.33 0.00	21.79 0.17 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.09 -0.67 0.00	21.34 -0.88 0.00	19.33 -1.04 0.00	16.67 -1.02 0.00	16.32 -0.94 0.00	21.07 -0.87 0.00	34.43 -0.94 0.00	39.85 -1.54 0.00	37.43 -1.96 6.60	17.26 -0.74 10.57	21.96 -0.62 0.00	22.13 -0.52 0.00	23.34 -0.27 0.00	26.07 -0.53 0.00	27.26 -0.57 0.00	29.38 -0.91 0.00	39.19 -1.53 0.00	48.34 -2.31 0.00	22.55 -3.85 84.65	41.37 -2.32 3.98	44.37 -2.47 0.00	30.69 -1.90 0.00	24.54 -1.72 0.52	20.11 -1.43 0.08
EMPIRE_CC_1 323656	23.47 0.70 0.00	22.93 0.71 0.00	21.05 0.68 0.00	18.32 0.63 0.00	17.86 0.60 0.00	22.73 0.79 0.00	36.40 1.04 0.00	42.48 1.09 0.00	47.33 1.34 0.00	29.38 0.82 0.00	23.40 0.81 0.00	23.43 0.78 0.00	24.35 0.74 0.00	27.46 0.86 0.00	28.68 0.86 0.00	31.23 0.94 0.00	42.24 1.52 0.00	52.72 2.07 0.00	115.38 4.33 0.00	49.27 1.60 0.00	48.47 1.63 0.00	33.72 1.12 0.00	27.87 1.09 0.00	22.59 0.97 0.00
EMPIRE_CC_2 323658	23.47 0.70 0.00	22.93 0.71 0.00	21.05 0.68 0.00	18.32 0.63 0.00	17.86 0.60 0.00	22.73 0.79 0.00	36.40 1.04 0.00	42.48 1.09 0.00	47.33 1.34 0.00	29.38 0.82 0.00	23.40 0.81 0.00	23.43 0.78 0.00	24.35 0.74 0.00	27.46 0.86 0.00	28.68 0.86 0.00	31.23 0.94 0.00	42.24 1.52 0.00	52.72 2.07 0.00	115.38 4.33 0.00	49.27 1.60 0.00	48.47 1.63 0.00	33.72 1.12 0.00	27.87 1.09 0.00	22.59 0.97 0.00
ENORWICH_115KV_TB1 80156	24.00 1.24 0.00	23.43 1.21 0.00	21.38 1.01 0.00	18.56 0.87 0.00	18.21 0.95 0.00	23.35 1.41 0.00	38.83 2.81 -0.66	45.45 3.28 -0.77	47.62 2.98 1.35	27.18 1.66 3.05	23.61 1.03 0.00	23.70 1.05 0.00	24.69 1.08 0.00	27.72 1.12 0.00	28.99 1.17 0.00	31.66 1.37 0.00	43.12 2.40 0.00	54.52 3.87 0.00	646.99 9.92 -526.03	74.98 3.56 -23.75	49.93 3.10 0.00	34.23 1.64 0.00	27.90 1.03 -0.10	22.22 0.58 -0.02
ERIE_ST_34_KV_TB1-2 80199	22.43 -0.33 0.00	21.68 -0.54 0.00	19.63 -0.74 0.00	16.93 -0.75 0.00	16.59 -0.67 0.00	21.42 -0.52 0.00	35.04 -0.33 0.00	40.66 -0.74 0.00	38.47 -1.11 6.41	18.03 -0.27 10.26	22.36 -0.23 0.00	22.54 -0.11 0.00	23.74 0.14 0.00	26.53 -0.07 0.00	27.74 -0.08 0.00	29.92 -0.37 0.00	39.97 -0.74 0.00	49.35 -1.30 0.00	21.22 -1.31 88.51	42.22 -1.29 4.16	45.35 -1.48 0.00	31.35 -1.24 0.00	25.18 -1.16 0.44	20.52 -1.03 0.07
ERIE_WT_PWR 323693	22.22 -0.54 0.00	21.47 -0.75 0.00	19.45 -0.93 0.00	16.75 -0.94 0.00	16.42 -0.84 0.00	21.21 -0.73 0.00	34.64 -0.73 0.00	40.14 -1.25 0.00	37.90 -1.61 6.48	17.66 -0.53 10.37	22.11 -0.48 0.00	22.27 -0.38 0.00	23.46 -0.15 0.00	26.22 -0.38 0.00	27.43 -0.40 0.00	29.59 -0.70 0.00	39.50 -1.21 0.00	48.78 -1.87 0.00	20.34 -2.97 87.73	41.57 -1.97 4.13	44.76 -2.08 0.00	30.93 -1.67 0.00	24.73 -1.55 0.50	20.20 -1.35 0.08
ESPRGFLD_115KV_TB1 80157	23.89 1.12 0.00	23.27 1.05 0.00	21.36 0.99 0.00	18.52 0.83 0.00	18.10 0.84 0.00	23.03 1.09 0.00	37.47 2.10 0.00	43.89 2.49 0.00	47.33 2.43 1.09	28.34 1.51 1.74	23.72 1.13 0.00	23.82 1.17 0.00	24.87 1.26 0.00	28.05 1.44 0.00	29.36 1.54 0.00	31.93 1.64 0.00	42.90 2.19 0.00	53.48 2.83 0.00	117.53 6.48 0.00	50.37 2.70 0.00	49.32 2.48 0.00	34.25 1.65 0.00	28.03 1.25 0.00	22.47 0.85 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.69 -0.07 0.00	22.10 -0.12 0.00	20.22 -0.15 0.00	17.55 -0.14 0.00	17.16 -0.10 0.00	21.86 -0.08 0.00	36.91 0.04 -1.51	42.99 -0.14 -1.74	44.97 -0.45 0.57	25.84 -0.13 2.60	22.26 -0.32 0.00	22.29 -0.35 0.00	23.23 -0.37 0.00	26.16 -0.44 0.00	27.39 -0.43 0.00	29.86 -0.43 0.00	40.44 -0.27 0.00	50.95 0.30 0.00	1349.19 2.66 -1235.49	104.14 0.52 -55.95	47.11 0.28 0.00	32.60 0.00 0.00	26.81 -0.13 -0.16	21.49 -0.16 -0.03
ETNA____115KV_TB2 80207	22.69 -0.07 0.00	22.10 -0.12 0.00	20.22 -0.15 0.00	17.55 -0.14 0.00	17.16 -0.10 0.00	21.86 -0.08 0.00	36.91 0.04 -1.51	42.99 -0.14 -1.74	44.97 -0.45 0.57	25.84 -0.13 2.60	22.26 -0.32 0.00	22.29 -0.35 0.00	23.23 -0.37 0.00	26.16 -0.44 0.00	27.39 -0.43 0.00	29.86 -0.43 0.00	40.44 -0.27 0.00	50.95 0.30 0.00	1349.19 2.66 -1235.49	104.14 0.52 -55.95	47.11 0.28 0.00	32.60 0.00 0.00	26.81 -0.13 -0.16	21.49 -0.16 -0.03
EUCLID____115KV_TB2 356179	22.22 -0.55 0.00	21.67 -0.55 0.00	19.85 -0.52 0.00	17.23 -0.46 0.00	16.83 -0.43 0.00	21.39 -0.54 0.00	35.81 -0.87 -1.31	41.65 -1.26 -1.52	41.87 -1.59 2.54	22.29 -0.65 5.63	21.97 -0.61 0.00	22.05 -0.60 0.00	22.99 -0.62 0.00	25.90 -0.71 0.00	27.10 -0.72 0.00	29.51 -0.78 0.00	39.78 -0.94 0.00	49.74 -0.91 0.00	140.15 -2.05 -31.15	48.09 -1.09 -1.51	45.69 -1.14 0.00	31.74 -0.85 0.00	26.04 -0.74 0.00	21.04 -0.58 0.00
E_CANADA_CAP_HY 24051	24.10 1.33 0.00	23.48 1.26 0.00	21.56 1.19 0.00	18.70 1.02 0.00	18.27 1.01 0.00	23.22 1.28 0.00	37.68 2.31 0.00	44.10 2.70 0.00	48.45 2.46 0.00	29.86 1.29 0.00	23.48 0.89 0.00	23.55 0.90 0.00	24.63 1.03 0.00	27.84 1.23 0.00	29.16 1.34 0.00	31.75 1.45 0.00	42.77 2.05 0.00	53.61 2.96 0.00	118.15 7.11 0.00	50.61 2.94 0.00	49.58 2.74 0.00	34.47 1.88 0.00	28.30 1.52 0.00	22.74 1.12 0.00
E_CANADA_MHWK_HY 24050	22.69 -0.07 0.00	22.20 -0.03 0.00	20.40 0.02 0.00	17.74 0.05 0.00	17.33 0.07 0.00	22.11 0.17 0.00	35.67 0.31 0.00	41.76 0.36 0.00	46.03 0.04 0.00	28.10 -0.47 0.00	22.16 -0.42 0.00	22.25 -0.40 0.00	23.13 -0.48 0.00	26.11 -0.49 0.00	27.30 -0.52 0.00	29.95 -0.34 0.00	40.95 0.23 0.00	51.46 0.81 0.00	113.23 2.19 0.00	48.23 0.56 0.00	47.21 0.38 0.00	32.94 0.34 0.00	27.24 0.46 0.00	21.93 0.31 0.00
E_FISHKILL____LBMP 23776	23.70 0.93 0.00	23.16 0.93 0.00	21.23 0.86 0.00	18.45 0.76 0.00	18.00 0.74 0.00	22.88 0.94 0.00	36.78 1.42 0.00	42.99 1.59 0.00	47.99 2.00 0.00	30.02 1.45 0.00	23.97 1.38 0.00	24.04 1.39 0.00	24.98 1.37 0.00	28.22 1.62 0.00	29.48 1.65 0.00	32.10 1.82 0.00	43.21 2.50 0.00	53.61 2.96 0.00	117.24 6.20 0.00	50.10 2.43 0.00	49.05 2.21 0.00	34.31 1.72 0.00	28.32 1.54 0.00	22.91 1.29 0.00
FALCON____SEABRD_CC1 323796	23.92 1.16 0.00	23.39 1.17 0.00	21.41 1.04 0.00	18.60 0.92 0.00	18.09 0.83 0.00	22.78 0.84 0.00	36.83 1.47 0.00	42.83 1.43 0.00	47.10 1.11 0.00	29.15 0.58 0.00	22.99 0.40 0.00	23.01 0.36 0.00	23.99 0.38 0.00	27.02 0.42 0.00	28.32 0.50 0.00	30.92 0.64 0.00	41.01 0.29 0.00	51.28 0.62 0.00	112.53 1.48 0.00	49.02 1.35 0.00	48.59 1.75 0.00	33.87 1.28 0.00	27.80 1.02 0.00	22.34 0.72 0.00

FALCON___SEABRD_CC2 323797	23.92 1.16 0.00	23.39 1.17 0.00	21.41 1.04 0.00	18.60 0.92 0.00	18.09 0.83 0.00	22.78 0.84 0.00	36.83 1.47 0.00	42.83 1.43 0.00	47.10 1.11 0.00	29.15 0.58 0.00	22.99 0.40 0.00	23.01 0.36 0.00	23.99 0.38 0.00	27.02 0.42 0.00	28.32 0.50 0.00	30.92 0.64 0.00	41.01 0.29 0.00	51.28 0.62 0.00	112.53 1.48 0.00	49.02 1.35 0.00	48.59 1.75 0.00	33.87 1.28 0.00	27.80 1.02 0.00	22.34 0.72 0.00
FAR ROCKAWAY___4 23548	24.07 1.30 0.00	23.52 1.29 0.00	21.50 1.13 0.00	18.70 1.01 0.00	18.23 0.97 0.00	23.18 1.25 0.00	37.24 1.87 0.00	43.51 2.11 0.00	46.13 2.47 2.32	27.05 1.81 3.33	24.41 1.83 0.00	24.52 1.88 0.00	25.47 1.86 0.00	28.89 2.29 0.00	30.21 2.38 0.00	32.84 2.55 0.00	44.30 3.45 -0.13	55.73 3.75 -1.33	111.84 7.85 7.06	50.08 3.19 0.78	49.78 2.94 0.00	35.11 2.51 0.00	29.09 2.31 0.00	23.58 1.96 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.96 1.20 0.00	23.41 1.19 0.00	21.45 1.08 0.00	18.63 0.95 0.00	18.18 0.92 0.00	23.11 1.17 0.00	37.14 1.78 0.00	43.42 2.02 0.00	48.56 2.57 0.00	30.48 1.91 0.00	24.41 1.83 0.00	24.49 1.85 0.00	25.44 1.83 0.00	28.77 2.16 0.00	30.05 2.23 0.00	32.74 2.45 0.00	43.94 3.23 0.00	54.39 3.74 0.00	118.88 7.83 0.00	50.76 3.09 0.00	49.61 2.78 0.00	34.79 2.19 0.00	28.68 1.90 0.00	23.19 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.98 1.21 0.00	23.42 1.19 0.00	21.46 1.09 0.00	18.64 0.95 0.00	18.19 0.93 0.00	23.11 1.18 0.00	37.15 1.79 0.00	43.43 2.03 0.00	48.57 2.58 0.00	30.49 1.92 0.00	24.41 1.83 0.00	24.49 1.85 0.00	25.44 1.83 0.00	28.77 2.17 0.00	30.05 2.23 0.00	32.74 2.46 0.00	43.95 3.24 0.00	54.40 3.75 0.00	118.90 7.86 0.00	50.78 3.11 0.00	49.63 2.79 0.00	34.79 2.20 0.00	28.69 1.92 0.00	23.20 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.95 1.19 0.00	23.40 1.18 0.00	21.44 1.07 0.00	18.63 0.94 0.00	18.18 0.91 0.00	23.10 1.16 0.00	37.13 1.77 0.00	43.40 2.00 0.00	48.54 2.54 0.00	30.48 1.91 0.00	24.40 1.82 0.00	24.48 1.83 0.00	25.44 1.83 0.00	28.76 2.15 0.00	30.04 2.22 0.00	32.72 2.43 0.00	43.93 3.22 0.00	54.36 3.71 0.00	118.80 7.75 0.00	50.73 3.07 0.00	49.58 2.75 0.00	34.77 2.18 0.00	28.67 1.89 0.00	23.18 1.56 0.00
FARRAGUT___LBMP 323566	23.94 1.17 0.00	23.39 1.17 0.00	21.43 1.06 0.00	18.62 0.93 0.00	18.17 0.91 0.00	23.08 1.15 0.00	37.11 1.74 0.00	43.35 1.96 0.00	48.49 2.50 0.00	30.45 1.88 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.79 0.00	28.73 2.12 0.00	30.00 2.18 0.00	32.69 2.40 0.00	43.88 3.17 0.00	54.30 3.66 0.00	118.70 7.66 0.00	50.69 3.02 0.00	49.54 2.71 0.00	34.74 2.14 0.00	28.65 1.87 0.00	23.17 1.55 0.00
FENNER___WINDPWR 24204	22.89 0.12 0.00	22.33 0.11 0.00	20.46 0.09 0.00	17.78 0.09 0.00	17.37 0.11 0.00	22.16 0.22 0.00	37.22 0.51 -1.35	43.42 0.47 -1.55	45.97 0.28 0.30	26.78 0.22 2.01	22.61 0.02 0.00	22.67 0.02 0.00	23.63 0.02 0.00	26.62 0.02 0.00	27.86 0.04 0.00	30.37 0.08 0.00	41.07 0.35 0.00	51.53 0.88 0.00	535.10 2.85 -421.20	67.17 0.82 -18.68	47.48 0.65 0.00	32.89 0.29 0.00	26.96 0.18 0.00	21.72 0.10 0.00
FIBERTEK___ENERGY 23856	22.40 -0.36 0.00	21.84 -0.38 0.00	20.02 -0.35 0.00	17.37 -0.31 0.00	16.98 -0.28 0.00	21.59 -0.35 0.00	37.52 -0.53 -2.69	43.64 -0.86 -3.11	46.49 -1.23 -1.73	28.17 -0.40 0.00	22.14 -0.44 0.00	22.24 -0.41 0.00	23.18 -0.43 0.00	26.11 -0.50 0.00	27.39 -0.43 0.00	29.79 -0.50 0.00	40.46 -0.25 0.00	51.32 0.67 0.00	160.45 -0.17 -49.57	48.97 -0.39 -1.69	46.38 -0.46 0.00	32.16 -0.44 0.00	26.36 -0.42 0.00	21.30 -0.32 0.00
FITZPATRICK____ 23598	21.97 -0.79 0.00	21.44 -0.79 0.00	19.65 -0.72 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.15 -0.79 0.00	21.27 -1.32 12.78	24.80 -1.82 14.78	43.79 -2.20 0.00	27.58 -0.99 0.00	21.70 -0.88 0.00	21.78 -0.87 0.00	22.69 -0.91 0.00	25.56 -1.04 0.00	26.75 -1.07 0.00	29.11 -1.18 0.00	39.15 -1.56 0.00	48.75 -1.90 0.00	106.98 -4.06 0.00	45.81 -1.86 0.00	44.97 -1.87 0.00	31.26 -1.33 0.00	25.67 -1.11 0.00	20.76 -0.86 0.00
FLOWRFLD_69_KV_BK1 356044	23.67 0.90 0.00	23.16 0.93 0.00	21.17 0.80 0.00	18.42 0.73 0.00	17.94 0.68 0.00	22.87 0.94 0.00	36.59 1.23 0.00	42.68 1.28 16.63	30.91 1.55 23.83	5.80 1.06 0.00	23.96 1.38 0.00	24.06 1.42 0.00	24.93 1.32 0.00	28.49 1.89 0.00	29.74 1.92 0.00	32.30 2.01 0.00	43.32 2.70 0.10	51.94 2.65 1.36	55.06 5.24 61.22	44.20 2.21 5.69	49.11 2.27 0.00	34.57 1.97 0.00	28.85 2.07 0.00	23.48 1.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.97 1.21 0.00	23.41 1.19 0.00	21.45 1.08 0.00	18.63 0.95 0.00	18.19 0.93 0.00	23.14 1.20 0.00	37.27 1.91 0.00	43.61 2.21 0.00	48.63 2.64 0.00	30.41 1.84 0.00	24.25 1.66 0.00	24.31 1.66 0.00	25.27 1.66 0.00	28.55 1.95 0.00	29.86 2.04 0.00	32.55 2.26 0.00	43.85 3.14 0.00	54.47 3.82 0.00	119.13 8.08 0.00	50.90 3.23 0.00	49.79 2.96 0.00	34.79 2.19 0.00	28.68 1.90 0.00	23.16 1.54 0.00
FORT ORANGE____ 23900	23.24 0.47 0.00	22.70 0.48 0.00	20.84 0.47 0.00	18.12 0.43 0.00	17.66 0.40 0.00	22.45 0.51 0.00	35.87 0.50 0.00	41.86 0.46 0.00	46.61 0.62 0.00	28.88 0.31 0.00	22.93 0.35 0.00	22.96 0.31 0.00	23.86 0.25 0.00	26.93 0.32 0.00	28.14 0.32 0.00	30.68 0.39 0.00	41.52 0.80 0.00	51.95 1.30 0.00	113.82 2.78 0.00	48.64 0.97 0.00	47.80 0.97 0.00	33.28 0.68 0.00	27.63 0.85 0.00	22.38 0.76 0.00
FORT_DRUM_COGEN 23780	22.53 -0.23 0.00	22.18 -0.04 0.00	20.37 0.00 0.00	17.74 0.05 0.00	17.42 0.15 0.00	22.23 0.28 0.00	38.48 1.10 -2.02	45.12 1.39 -2.33	49.64 0.96 -2.69	31.06 0.25 -2.24	22.53 -0.06 0.00	22.53 -0.12 0.00	23.48 -0.13 0.00	26.46 -0.14 0.00	27.88 0.05 0.00	30.35 0.06 0.00	41.01 0.29 0.00	52.57 1.92 0.00	147.57 5.31 -31.21	50.91 1.82 -1.41	48.28 1.44 0.00	32.99 0.39 0.00	27.08 0.30 0.00	21.65 0.03 0.00
FOX_HILLS___ESR 323835	23.97 1.20 0.00	23.42 1.20 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.11 1.17 0.00	37.10 1.73 0.00	43.28 1.88 0.00	48.41 2.42 0.00	30.55 1.98 0.00	24.39 1.81 0.00	24.46 1.81 0.00	25.38 1.78 0.00	28.72 2.11 0.00	29.99 2.17 0.00	32.67 2.38 0.00	43.75 3.03 0.00	54.19 3.54 0.00	118.59 7.54 0.00	50.68 3.01 0.00	49.63 2.80 0.00	34.92 2.32 0.00	28.81 2.03 0.00	23.30 1.68 0.00
FPL FAR_ROCK_GT1 24212	24.07 1.30 0.00	23.52 1.29 0.00	21.50 1.13 0.00	18.70 1.01 0.00	18.23 0.97 0.00	23.18 1.24 0.00	37.24 1.87 0.00	43.51 2.11 0.00	46.13 2.46 2.32	27.04 1.80 3.33	24.42 1.83 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.89 2.29 0.00	30.21 2.38 0.00	32.84 2.55 0.00	44.27 3.42 -0.13	55.71 3.72 -1.33	111.86 7.88 7.06	50.09 3.20 0.78	49.77 2.94 0.00	35.11 2.51 0.00	29.09 2.31 0.00	23.57 1.95 0.00

FPL FAR_ROCK_GT2 23815	24.07 1.30 0.00	23.52 1.29 0.00	21.50 1.13 0.00	18.70 1.01 0.00	18.23 0.97 0.00	23.18 1.24 0.00	37.24 1.87 0.00	43.51 2.11 0.00	46.13 2.46 2.32	27.04 1.80 3.33	24.42 1.83 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.89 2.29 0.00	30.21 2.38 0.00	32.84 2.55 0.00	44.27 3.42 -0.13	55.71 3.72 -1.33	111.86 7.88 7.06	50.09 3.20 0.78	49.77 2.94 0.00	35.11 2.51 0.00	29.09 2.31 0.00	23.57 1.95 0.00
FRANKLIN_FALL_HYD 24054	23.45 0.68 0.00	22.97 0.74 0.00	21.04 0.66 0.00	18.27 0.59 0.00	17.81 0.55 0.00	22.62 0.68 0.00	36.65 1.28 0.00	42.89 1.49 0.00	47.53 1.33 -0.20	29.22 0.65 0.00	23.04 0.46 0.00	23.05 0.40 0.00	24.10 0.49 0.00	27.14 0.53 0.00	28.39 0.57 0.00	30.90 0.62 0.00	41.23 0.52 0.00	51.37 0.72 0.00	113.06 2.01 0.00	49.17 1.50 0.00	48.57 1.74 0.00	33.72 1.12 0.00	27.49 0.71 0.00	22.07 0.44 0.00
FREEPORT_EQUS_GT1 23764	23.87 1.10 0.00	23.32 1.10 0.00	21.34 0.96 0.00	18.55 0.86 0.00	18.08 0.82 0.00	22.99 1.05 0.00	36.88 1.52 0.00	43.10 1.70 0.00	38.35 2.03 9.67	16.21 1.50 13.86	24.19 1.61 0.00	24.29 1.64 0.00	25.22 1.61 0.00	28.63 2.03 0.00	29.91 2.09 0.00	32.49 2.20 0.00	43.71 2.99 0.00	53.52 3.24 0.37	76.80 6.74 40.97	46.20 2.68 4.15	49.30 2.46 0.00	34.77 2.18 0.00	28.87 2.09 0.00	23.43 1.80 0.00
FREEPORT___CT2 23818	23.87 1.10 0.00	23.32 1.10 0.00	21.34 0.96 0.00	18.55 0.86 0.00	18.08 0.82 0.00	22.99 1.05 0.00	36.88 1.52 0.00	43.10 1.70 0.00	38.35 2.03 9.67	16.21 1.50 13.86	24.19 1.61 0.00	24.29 1.64 0.00	25.22 1.61 0.00	28.63 2.03 0.00	29.91 2.09 0.00	32.49 2.20 0.00	43.71 2.99 0.00	53.52 3.24 0.37	76.80 6.74 40.97	46.20 2.68 4.15	49.30 2.46 0.00	34.77 2.18 0.00	28.87 2.09 0.00	23.43 1.80 0.00
FRESHKLS_33_KV_LOAD 356253	23.97 1.21 0.00	23.42 1.20 0.00	21.45 1.08 0.00	18.64 0.95 0.00	18.19 0.93 0.00	23.13 1.19 0.00	37.10 1.73 0.00	43.25 1.85 0.00	48.37 2.38 0.00	30.56 1.99 0.00	24.39 1.80 0.00	24.44 1.79 0.00	25.36 1.75 0.00	28.70 2.10 0.00	29.97 2.15 0.00	32.65 2.36 0.00	43.73 3.02 0.00	54.19 3.54 0.00	118.61 7.57 0.00	50.71 3.04 0.00	49.66 2.82 0.00	34.96 2.37 0.00	28.84 2.06 0.00	23.33 1.71 0.00
FULTON COGEN____ 23766	22.15 -0.62 0.00	21.59 -0.64 0.00	19.80 -0.58 0.00	17.19 -0.50 0.00	16.78 -0.48 0.00	21.33 -0.61 0.00	38.83 -0.98 -4.45	45.13 -1.42 -5.15	52.24 -1.78 -8.03	36.37 -0.74 -8.55	21.86 -0.72 0.00	21.93 -0.72 0.00	22.84 -0.76 0.00	25.73 -0.88 0.00	27.43 -0.39 0.00	29.49 -0.79 0.00	39.67 -1.05 0.00	50.95 0.30 0.00	142.64 -1.48 -33.07	47.80 -1.32 -1.46	45.43 -1.40 0.00	31.58 -1.02 0.00	25.91 -0.87 0.00	20.94 -0.68 0.00
FULTON___LFGE 323630	24.08 1.31 0.00	23.45 1.23 0.00	21.53 1.16 0.00	18.69 1.01 0.00	18.26 1.00 0.00	23.25 1.31 0.00	37.71 2.34 0.00	44.17 2.78 0.00	48.37 2.38 0.00	29.48 0.91 0.00	23.14 0.55 0.00	23.18 0.53 0.00	24.21 0.60 0.00	27.36 0.76 0.00	28.66 0.84 0.00	31.30 1.01 0.00	42.55 1.83 0.00	53.87 3.21 0.00	118.92 7.88 0.00	50.93 3.26 0.00	49.89 3.05 0.00	34.67 2.07 0.00	28.46 1.68 0.00	22.90 1.28 0.00
G.F.CEMENT___DRP 24184	23.84 1.07 0.00	23.27 1.04 0.00	21.33 0.96 0.00	18.53 0.85 0.00	18.07 0.81 0.00	23.14 1.20 0.00	37.39 2.03 0.00	43.81 2.41 0.00	48.32 2.33 0.00	29.72 1.16 0.00	23.50 0.92 0.00	23.56 0.91 0.00	24.49 0.89 0.00	27.56 0.96 0.00	28.87 1.04 0.00	31.57 1.29 0.00	43.07 2.36 0.00	53.81 3.16 0.00	117.90 6.86 0.00	50.41 2.74 0.00	49.47 2.63 0.00	34.36 1.76 0.00	28.35 1.57 0.00	22.97 1.35 0.00
GARDENVILLE___LBMP 24039	22.15 -0.61 0.00	21.41 -0.82 0.00	19.39 -0.98 0.00	16.72 -0.97 0.00	16.38 -0.88 0.00	21.15 -0.79 0.00	34.56 -0.81 0.00	40.03 -1.36 0.00	37.71 -1.78 6.51	17.52 -0.64 10.41	22.05 -0.54 0.00	22.22 -0.43 0.00	23.41 -0.19 0.00	26.16 -0.44 0.00	27.36 -0.47 0.00	29.50 -0.79 0.00	39.36 -1.36 0.00	48.58 -2.07 0.00	19.69 -3.25 88.10	41.45 -2.08 4.14	44.57 -2.27 0.00	30.80 -1.79 0.00	24.57 -1.64 0.58	20.14 -1.39 0.09
GARDNVLA_35_KV_LD 355827	22.24 -0.53 0.00	21.49 -0.74 0.00	19.46 -0.91 0.00	16.77 -0.91 0.00	16.44 -0.82 0.00	21.22 -0.72 0.00	34.68 -0.68 0.00	40.19 -1.21 0.00	37.93 -1.59 6.47	17.69 -0.52 10.36	22.12 -0.47 0.00	22.30 -0.35 0.00	23.50 -0.10 0.00	26.26 -0.35 0.00	27.47 -0.35 0.00	29.64 -0.65 0.00	39.55 -1.17 0.00	48.78 -1.87 0.00	20.56 -2.89 87.60	41.68 -1.87 4.12	44.80 -2.03 0.00	30.96 -1.63 0.00	24.79 -1.52 0.47	20.24 -1.30 0.07
GELCKHM___115KV_LOAD 80723	22.29 -0.47 0.00	21.74 -0.48 0.00	19.92 -0.45 0.00	17.29 -0.39 0.00	16.89 -0.37 0.00	21.47 -0.48 0.00	36.43 -0.74 -1.80	42.38 -1.10 -2.08	43.62 -1.45 0.92	24.54 -0.55 3.47	22.05 -0.54 0.00	22.13 -0.52 0.00	23.07 -0.54 0.00	25.98 -0.62 0.00	27.21 -0.61 0.00	29.62 -0.67 0.00	40.08 -0.64 0.00	50.37 -0.28 0.00	146.63 -1.35 -36.94	48.33 -0.81 -1.48	45.97 -0.87 0.00	31.90 -0.70 0.00	26.16 -0.62 0.00	21.14 -0.48 0.00
GENERAL___MILLS 23808	22.21 -0.55 0.00	21.46 -0.77 0.00	19.44 -0.93 0.00	16.76 -0.93 0.00	16.42 -0.84 0.00	21.20 -0.74 0.00	34.64 -0.73 0.00	40.13 -1.26 0.00	37.85 -1.66 6.48	17.62 -0.57 10.37	22.09 -0.49 0.00	22.27 -0.38 0.00	23.47 -0.14 0.00	26.22 -0.38 0.00	27.42 -0.40 0.00	29.58 -0.71 0.00	39.47 -1.25 0.00	48.71 -1.94 0.00	20.30 -3.02 87.73	41.59 -1.95 4.13	44.71 -2.12 0.00	30.90 -1.69 0.00	24.73 -1.55 0.50	20.21 -1.33 0.08
GE_PLASTICS___DRP 24183	23.21 0.45 0.00	22.68 0.45 0.00	20.82 0.45 0.00	18.11 0.42 0.00	17.66 0.40 0.00	22.47 0.53 0.00	36.04 0.67 0.00	42.07 0.67 0.00	46.82 0.83 0.00	29.07 0.50 0.00	23.09 0.51 0.00	23.13 0.48 0.00	24.05 0.44 0.00	27.13 0.53 0.00	28.35 0.52 0.00	30.90 0.61 0.00	41.80 1.09 0.00	52.20 1.55 0.00	114.23 3.18 0.00	48.82 1.16 0.00	48.00 1.17 0.00	33.40 0.81 0.00	27.59 0.81 0.00	22.33 0.71 0.00
GILBOA___1 23756	23.28 0.51 0.00	22.75 0.52 0.00	20.93 0.55 0.00	18.18 0.50 0.00	17.75 0.49 0.00	22.49 0.55 0.00	36.19 0.83 0.00	42.25 0.85 0.00	47.03 1.03 0.00	29.34 0.77 0.00	23.32 0.74 0.00	23.39 0.75 0.00	24.33 0.72 0.00	27.45 0.84 0.00	28.69 0.87 0.00	31.24 0.95 0.00	42.02 1.31 0.00	52.15 1.50 0.00	113.57 2.53 0.00	48.77 1.10 0.00	48.08 1.24 0.00	33.53 0.94 0.00	27.65 0.87 0.00	22.34 0.72 0.00
GILBOA___2 23757	23.28 0.51 0.00	22.75 0.52 0.00	20.93 0.55 0.00	18.18 0.50 0.00	17.75 0.49 0.00	22.49 0.55 0.00	36.19 0.83 0.00	42.25 0.85 0.00	47.03 1.03 0.00	29.34 0.77 0.00	23.32 0.74 0.00	23.39 0.75 0.00	24.33 0.72 0.00	27.45 0.84 0.00	28.69 0.87 0.00	31.24 0.95 0.00	42.02 1.31 0.00	52.15 1.50 0.00	113.57 2.53 0.00	48.77 1.10 0.00	48.08 1.24 0.00	33.53 0.94 0.00	27.65 0.87 0.00	22.34 0.72 0.00

GILBOA___3 23758	23.28 0.51 0.00	22.75 0.52 0.00	20.93 0.55 0.00	18.18 0.50 0.00	17.75 0.49 0.00	22.49 0.55 0.00	36.19 0.83 0.00	42.25 0.85 0.00	47.03 1.03 0.00	29.34 0.77 0.00	23.32 0.74 0.00	23.39 0.75 0.00	24.33 0.72 0.00	27.45 0.84 0.00	28.69 0.87 0.00	31.24 0.95 0.00	42.02 1.31 0.00	52.15 1.50 0.00	113.57 2.53 0.00	48.77 1.10 0.00	48.08 1.24 0.00	33.53 0.94 0.00	27.65 0.87 0.00	22.34 0.72 0.00
GILBOA___4 23759	23.28 0.51 0.00	22.75 0.52 0.00	20.93 0.55 0.00	18.18 0.50 0.00	17.75 0.49 0.00	22.49 0.55 0.00	36.19 0.83 0.00	42.25 0.85 0.00	47.03 1.03 0.00	29.34 0.77 0.00	23.32 0.74 0.00	23.39 0.75 0.00	24.33 0.72 0.00	27.45 0.84 0.00	28.69 0.87 0.00	31.24 0.95 0.00	42.02 1.31 0.00	52.15 1.50 0.00	113.57 2.53 0.00	48.77 1.10 0.00	48.08 1.24 0.00	33.53 0.94 0.00	27.65 0.87 0.00	22.34 0.72 0.00
GILBOA___ 23599	23.28 0.51 0.00	22.75 0.53 0.00	20.93 0.55 0.00	18.19 0.50 0.00	17.75 0.49 0.00	22.49 0.55 0.00	36.19 0.83 0.00	42.25 0.86 0.00	47.03 1.03 0.00	29.34 0.77 0.00	23.32 0.74 0.00	23.39 0.75 0.00	24.33 0.73 0.00	27.45 0.85 0.00	28.69 0.87 0.00	31.24 0.95 0.00	42.02 1.30 0.00	52.16 1.51 0.00	113.58 2.53 0.00	48.76 1.09 0.00	48.08 1.24 0.00	33.53 0.94 0.00	27.65 0.87 0.00	22.34 0.72 0.00
GINNA___ 23603	21.37 -1.40 0.00	20.72 -1.50 0.00	18.88 -1.50 0.00	16.34 -1.35 0.00	15.98 -1.28 0.00	20.47 -1.47 0.00	33.28 -2.08 0.00	38.68 -2.72 0.00	35.12 -3.28 7.59	14.74 -1.68 12.15	21.14 -1.45 0.00	21.25 -1.40 0.00	22.29 -1.31 0.00	25.05 -1.56 0.00	26.20 -1.63 0.00	28.42 -1.87 0.00	38.21 -2.51 0.00	47.59 -3.06 0.00	55.31 -6.48 49.25	42.21 -3.11 2.34	43.65 -3.19 0.00	30.23 -2.37 0.00	24.70 -2.08 0.00	19.94 -1.69 0.00
GLEN PARK___ 23778	22.61 -0.15 0.00	22.25 0.03 0.00	20.42 0.04 0.00	17.78 0.10 0.00	17.46 0.20 0.00	22.29 0.35 0.00	38.70 1.22 -2.12	45.37 1.52 -2.45	49.94 1.09 -2.86	31.29 0.30 -2.42	22.53 -0.06 0.00	22.51 -0.14 0.00	23.45 -0.16 0.00	26.44 -0.17 0.00	27.85 0.03 0.00	30.35 0.06 0.00	41.06 0.34 0.00	52.80 2.15 0.00	148.21 5.92 -31.26	51.15 2.07 -1.41	48.51 1.68 0.00	33.15 0.56 0.00	27.18 0.40 0.00	21.72 0.10 0.00
GLENDALE_27_KV_LOAD 356172	24.05 1.28 0.00	23.49 1.26 0.00	21.52 1.15 0.00	18.70 1.01 0.00	18.24 0.98 0.00	23.17 1.23 0.00	37.24 1.87 0.00	43.52 2.13 0.00	48.72 2.73 0.00	30.64 2.08 0.00	24.51 1.93 0.00	24.59 1.94 0.00	25.53 1.93 0.00	28.88 2.28 0.00	30.17 2.35 0.00	32.85 2.56 0.00	44.06 3.34 0.00	54.52 3.87 0.00	119.15 8.11 0.00	50.92 3.25 0.00	49.78 2.95 0.00	34.95 2.35 0.00	28.81 2.03 0.00	23.31 1.69 0.00
GLENWOOD_IC_1_G5 23712	23.90 1.13 0.00	23.36 1.13 0.00	21.37 1.00 0.00	18.58 0.90 0.00	18.11 0.85 0.00	23.03 1.09 0.00	36.97 1.61 0.00	43.21 1.81 0.00	41.54 2.19 6.64	20.65 1.61 9.52	24.25 1.67 0.00	24.35 1.70 0.00	25.29 1.69 0.00	28.71 2.11 0.00	30.03 2.20 0.00	32.63 2.34 0.00	43.89 3.17 0.00	53.98 3.50 0.17	92.55 7.25 25.74	48.01 2.85 2.51	49.43 2.59 0.00	34.82 2.22 0.00	28.86 2.08 0.00	23.41 1.79 0.00
GLENWOOD_IC_2_G1 23688	23.86 1.10 0.00	23.32 1.10 0.00	21.35 0.97 0.00	18.56 0.87 0.00	18.09 0.83 0.00	23.00 1.06 0.00	36.92 1.56 0.00	43.14 1.74 0.00	46.11 2.11 1.99	27.25 1.53 2.85	24.19 1.60 0.00	24.29 1.64 0.00	25.22 1.61 0.00	28.62 2.02 0.00	29.94 2.12 0.00	32.54 2.25 0.00	43.76 3.04 0.00	53.93 3.33 0.05	110.35 6.98 7.67	49.67 2.74 0.75	49.32 2.48 0.00	34.74 2.15 0.00	28.79 2.02 0.00	23.36 1.74 0.00
GLENWOOD_IC_3_G1 23689	23.86 1.10 0.00	23.32 1.10 0.00	21.35 0.97 0.00	18.56 0.87 0.00	18.09 0.83 0.00	23.00 1.06 0.00	36.92 1.56 0.00	43.14 1.74 0.00	46.11 2.11 1.99	27.25 1.53 2.85	24.19 1.60 0.00	24.29 1.64 0.00	25.22 1.61 0.00	28.62 2.02 0.00	29.94 2.12 0.00	32.54 2.25 0.00	43.76 3.04 0.00	53.93 3.33 0.05	110.35 6.98 7.67	49.67 2.74 0.75	49.32 2.48 0.00	34.74 2.15 0.00	28.79 2.02 0.00	23.36 1.74 0.00
GLENWOOD___4 23550	23.90 1.13 0.00	23.36 1.13 0.00	21.37 1.00 0.00	18.58 0.90 0.00	18.11 0.85 0.00	23.03 1.09 0.00	36.97 1.61 0.00	43.21 1.81 0.00	41.54 2.19 6.64	20.65 1.61 9.52	24.25 1.67 0.00	24.35 1.70 0.00	25.29 1.69 0.00	28.71 2.11 0.00	30.03 2.20 0.00	32.63 2.34 0.00	43.89 3.17 0.00	53.98 3.50 0.17	92.55 7.25 25.74	48.01 2.85 2.51	49.43 2.59 0.00	34.82 2.22 0.00	28.86 2.08 0.00	23.41 1.79 0.00
GLENWOOD___5 23614	23.90 1.13 0.00	23.36 1.13 0.00	21.37 1.00 0.00	18.58 0.90 0.00	18.11 0.85 0.00	23.03 1.09 0.00	36.97 1.61 0.00	43.21 1.81 0.00	41.54 2.19 6.64	20.65 1.61 9.52	24.25 1.67 0.00	24.35 1.70 0.00	25.29 1.69 0.00	28.71 2.11 0.00	30.03 2.20 0.00	32.63 2.34 0.00	43.89 3.17 0.00	53.98 3.50 0.17	92.55 7.25 25.74	48.01 2.85 2.51	49.43 2.59 0.00	34.82 2.22 0.00	28.86 2.08 0.00	23.41 1.79 0.00
GLOBAL GREEN_PORT_GT1 23814	23.96 1.20 0.00	23.42 1.20 0.00	21.41 1.04 0.00	18.63 0.95 0.00	18.16 0.90 0.00	23.34 1.40 0.00	37.66 2.29 0.00	43.94 2.55 0.00	32.11 2.81 16.69	6.16 1.53 23.93	24.25 1.67 0.00	24.33 1.68 0.00	25.21 1.60 0.00	29.10 2.50 0.00	30.51 2.68 0.00	33.18 2.90 0.00	44.60 3.99 0.11	53.54 4.25 1.36	58.13 8.52 61.44	45.70 3.74 5.71	50.67 3.83 0.00	35.48 2.88 0.00	29.55 2.77 0.00	24.01 2.39 0.00
GLOBE___DSASP 323697	21.58 -1.18 0.00	20.82 -1.40 0.00	18.84 -1.54 0.00	16.24 -1.45 0.00	15.88 -1.38 0.00	20.50 -1.44 0.00	33.41 -1.96 0.00	38.50 -2.89 0.00	35.66 -3.46 6.87	15.96 -1.62 10.99	21.28 -1.31 0.00	21.42 -1.23 0.00	22.64 -0.97 0.00	25.25 -1.35 0.00	26.38 -1.45 0.00	28.40 -1.89 0.00	37.81 -2.90 0.00	46.50 -4.15 0.00	28.15 -7.77 75.13	40.19 -3.94 3.54	42.87 -3.96 0.00	29.76 -2.83 0.00	23.99 -2.41 0.38	19.66 -1.90 0.06
GOETHSLN___LBMP 323567	23.86 1.09 0.00	23.32 1.09 0.00	21.36 0.99 0.00	18.56 0.87 0.00	18.11 0.85 0.00	23.00 1.06 0.00	36.96 1.59 0.00	43.17 1.77 0.00	48.25 2.26 0.00	30.29 1.72 0.00	24.26 1.68 0.00	24.32 1.68 0.00	25.26 1.66 0.00	28.57 1.96 0.00	29.84 2.01 0.00	32.52 2.23 0.00	43.64 2.92 0.00	54.00 3.36 0.00	118.09 7.05 0.00	50.43 2.76 0.00	49.27 2.43 0.00	34.56 1.97 0.00	28.54 1.76 0.00	23.08 1.46 0.00
GOLAH___69_KV_TB 1_2 80279	22.40 -0.36 0.00	21.69 -0.53 0.00	19.72 -0.66 0.00	17.05 -0.64 0.00	16.67 -0.59 0.00	21.41 -0.52 0.00	34.88 -0.48 0.00	40.50 -0.90 0.00	37.37 -1.27 7.35	16.37 -0.45 11.75	22.08 -0.51 0.00	22.19 -0.46 0.00	23.34 -0.27 0.00	26.17 -0.43 0.00	27.37 -0.46 0.00	29.63 -0.66 0.00	39.78 -0.93 0.00	49.54 -1.11 0.00	59.10 -1.61 50.34	44.18 -1.09 2.40	45.58 -1.25 0.00	31.57 -1.03 0.00	25.71 -1.00 0.06	20.80 -0.81 0.01

GOODYEAR_LAKE_HYD 323669	23.62 0.86 0.00	23.04 0.81 0.00	21.14 0.77 0.00	18.32 0.64 0.00	17.92 0.66 0.00	22.81 0.87 0.00	37.00 1.64 0.00	43.32 1.92 0.00	46.58 1.98 1.39	27.66 1.32 2.23	23.67 1.08 0.00	23.77 1.12 0.00	24.77 1.17 0.00	27.92 1.31 0.00	29.21 1.38 0.00	31.78 1.49 0.00	42.74 2.02 0.00	53.12 2.47 0.00	116.31 5.26 0.00	49.85 2.18 0.00	48.86 2.03 0.00	33.95 1.35 0.00	27.84 1.06 0.00	22.36 0.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.96 0.20 0.00	22.42 0.20 0.00	20.50 0.13 0.00	17.73 0.05 0.00	17.38 0.12 0.00	22.19 0.25 0.00	36.06 0.70 0.00	42.23 0.83 0.00	44.23 0.73 2.50	24.85 0.60 4.31	23.05 0.46 0.00	23.28 0.63 0.00	24.27 0.66 0.00	27.26 0.66 0.00	28.55 0.73 0.00	31.00 0.72 0.00	41.67 0.95 0.00	51.57 0.92 0.00	42.00 2.13 71.17	45.10 0.82 3.39	47.59 0.75 0.00	32.99 0.40 0.00	27.20 0.36 -0.07	21.74 0.10 -0.01
GOUDEY___7 23579	22.96 0.20 0.00	22.42 0.20 0.00	20.50 0.13 0.00	17.73 0.05 0.00	17.38 0.12 0.00	22.19 0.25 0.00	36.06 0.70 0.00	42.23 0.83 0.00	44.23 0.73 2.50	24.85 0.60 4.31	23.05 0.46 0.00	23.28 0.63 0.00	24.27 0.66 0.00	27.26 0.66 0.00	28.55 0.73 0.00	31.00 0.72 0.00	41.67 0.95 0.00	51.57 0.92 0.00	42.00 2.13 71.17	45.10 0.82 3.39	47.59 0.75 0.00	32.99 0.40 0.00	27.20 0.36 -0.07	21.74 0.10 -0.01
GOUDEY___8 23580	22.96 0.20 0.00	22.42 0.20 0.00	20.50 0.13 0.00	17.73 0.05 0.00	17.38 0.12 0.00	22.19 0.25 0.00	36.06 0.70 0.00	42.23 0.83 0.00	44.23 0.73 2.50	24.85 0.60 4.31	23.05 0.46 0.00	23.28 0.63 0.00	24.27 0.66 0.00	27.26 0.66 0.00	28.55 0.73 0.00	31.00 0.72 0.00	41.67 0.95 0.00	51.57 0.92 0.00	42.00 2.13 71.17	45.10 0.82 3.39	47.59 0.75 0.00	32.99 0.40 0.00	27.20 0.36 -0.07	21.74 0.10 -0.01
GOWANUS_GT1_1 24077	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT1_2 24078	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT1_3 24079	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT1_4 24080	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT1_5 24084	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT1_6 24111	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT1_7 24112	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT1_8 24113	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT2_1 24114	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT2_2 24115	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT2_3 24116	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00

GOWANUS_GT2_4 24117	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT2_5 24118	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT2_6 24119	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT2_7 24120	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT2_8 24121	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_1 24122	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_2 24123	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_3 24124	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_4 24125	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_5 24126	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_6 24127	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_7 24128	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT3_8 24129	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT4_1 24130	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT4_2 24131	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00

GOWANUS_GT4_3 24132	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT4_4 24133	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT4_5 24134	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT4_6 24135	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT4_7 24136	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GOWANUS_GT4_8 24137	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GREENBSH_115KV_TB3 55895	23.13 0.36 0.00	22.60 0.37 0.00	20.75 0.37 0.00	18.04 0.36 0.00	17.60 0.34 0.00	22.40 0.46 0.00	35.87 0.51 0.00	41.89 0.49 0.00	46.65 0.66 0.00	28.96 0.40 0.00	23.03 0.44 0.00	23.06 0.42 0.00	23.98 0.37 0.00	27.06 0.45 0.00	28.27 0.45 0.00	30.81 0.53 0.00	41.68 0.97 0.00	52.04 1.39 0.00	113.85 2.80 0.00	48.65 0.98 0.00	47.82 0.98 0.00	33.28 0.68 0.00	27.50 0.71 0.00	22.27 0.65 0.00
GREENDGE_115KV_TB5 80291	22.54 -0.22 0.00	21.93 -0.29 0.00	20.00 -0.37 0.00	17.30 -0.38 0.00	16.97 -0.29 0.00	21.76 -0.18 0.00	35.90 0.02 -0.51	41.97 -0.02 -0.59	42.08 -0.34 3.57	22.16 0.12 6.53	22.40 -0.19 0.00	22.53 -0.12 0.00	23.52 -0.08 0.00	26.41 -0.19 0.00	27.68 -0.14 0.00	30.07 -0.22 0.00	40.46 -0.25 0.00	50.85 0.21 0.00	-165.13 1.61 277.78	34.68 0.00 13.00	46.65 -0.19 0.00	32.35 -0.25 0.00	27.07 -0.39 -0.68	21.22 -0.51 -0.11
GREENIDGE___3 23582	22.54 -0.22 0.00	21.93 -0.29 0.00	20.00 -0.37 0.00	17.30 -0.38 0.00	16.97 -0.29 0.00	21.76 -0.18 0.00	35.90 0.02 -0.51	41.97 -0.02 -0.59	42.08 -0.34 3.57	22.16 0.12 6.53	22.40 -0.19 0.00	22.53 -0.12 0.00	23.52 -0.08 0.00	26.41 -0.19 0.00	27.68 -0.14 0.00	30.07 -0.22 0.00	40.46 -0.25 0.00	50.85 0.21 0.00	-165.13 1.61 277.78	34.68 0.00 13.00	46.65 -0.19 0.00	32.35 -0.25 0.00	27.07 -0.39 -0.68	21.22 -0.51 -0.11
GREENIDGE___4 23583	22.54 -0.22 0.00	21.93 -0.29 0.00	20.00 -0.37 0.00	17.30 -0.38 0.00	16.97 -0.29 0.00	21.76 -0.18 0.00	35.90 0.02 -0.51	41.97 -0.02 -0.59	42.09 -0.33 3.57	22.16 0.12 6.53	22.40 -0.19 0.00	22.53 -0.12 0.00	23.52 -0.08 0.00	26.41 -0.19 0.00	27.68 -0.14 0.00	30.07 -0.22 0.00	40.46 -0.25 0.00	50.87 0.22 0.00	-165.23 1.50 277.78	34.66 -0.01 13.00	46.63 -0.20 0.00	32.35 -0.24 0.00	27.07 -0.39 -0.68	21.22 -0.51 -0.11
GREENLWN_69_KV_BK 3 55738	23.65 0.88 0.00	23.15 0.92 0.00	21.19 0.82 0.00	18.43 0.75 0.00	17.94 0.68 0.00	22.75 0.81 0.00	36.39 1.03 0.00	42.52 1.12 0.00	30.96 1.38 16.41	6.17 1.13 23.52	23.99 1.40 0.00	24.09 1.44 0.00	24.96 1.36 0.00	28.39 1.78 0.00	29.63 1.81 0.00	32.14 1.85 0.00	43.11 2.50 0.10	51.88 2.59 1.36	55.65 5.10 60.49	44.04 1.99 5.62	48.69 1.85 0.00	34.31 1.72 0.00	28.51 1.74 0.00	23.23 1.61 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00
GRISSOM___SOLAR 323813	24.03 1.26 0.00	23.42 1.20 0.00	21.49 1.12 0.00	18.66 0.97 0.00	18.23 0.97 0.00	23.21 1.27 0.00	37.61 2.25 0.00	44.07 2.67 0.00	48.21 2.22 0.00	29.29 0.72 0.00	22.99 0.40 0.00	23.03 0.38 0.00	24.04 0.43 0.00	27.14 0.54 0.00	28.43 0.61 0.00	31.07 0.78 0.00	42.34 1.62 0.00	53.74 3.09 0.00	118.68 7.64 0.00	50.83 3.17 0.00	49.83 2.99 0.00	34.61 2.02 0.00	28.43 1.65 0.00	22.90 1.28 0.00
GROVEVILLE___HYD 323602	23.97 1.21 0.00	23.41 1.19 0.00	21.45 1.08 0.00	18.63 0.95 0.00	18.19 0.93 0.00	23.14 1.20 0.00	37.27 1.91 0.00	43.61 2.21 0.00	48.63 2.64 0.00	30.41 1.84 0.00	24.25 1.66 0.00	24.31 1.66 0.00	25.27 1.66 0.00	28.55 1.95 0.00	29.86 2.04 0.00	32.55 2.26 0.00	43.85 3.14 0.00	54.47 3.82 0.00	119.13 8.08 0.00	50.90 3.23 0.00	49.79 2.96 0.00	34.79 2.19 0.00	28.68 1.90 0.00	23.16 1.54 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.40 -0.36 0.00	21.84 -0.38 0.00	20.02 -0.35 0.00	17.37 -0.31 0.00	16.98 -0.28 0.00	21.59 -0.35 0.00	37.52 -0.53 -2.69	43.64 -0.86 -3.11	46.49 -1.23 -1.73	28.17 -0.40 0.00	22.14 -0.44 0.00	22.24 -0.41 0.00	23.18 -0.43 0.00	26.11 -0.50 0.00	27.39 -0.43 0.00	29.79 -0.50 0.00	40.46 -0.25 0.00	51.32 0.67 0.00	160.45 -0.17 -49.57	48.97 -0.39 -1.69	46.38 -0.46 0.00	32.16 -0.44 0.00	26.36 -0.42 0.00	21.30 -0.32 0.00

HAMLTNNY_34_KV_TB 80303	22.39 -0.38 0.00	21.82 -0.40 0.00	19.99 -0.38 0.00	17.35 -0.34 0.00	16.95 -0.31 0.00	21.57 -0.37 0.00	37.58 -0.56 -2.78	43.72 -0.89 -3.21	46.52 -1.25 -1.78	28.18 -0.39 0.00	22.13 -0.46 0.00	22.24 -0.41 0.00	23.19 -0.41 0.00	26.12 -0.49 0.00	27.28 -0.54 0.00	29.77 -0.52 0.00	40.58 -0.14 0.00	51.70 1.05 0.00	125.91 -0.31 -15.17	47.42 -0.25 0.00	46.55 -0.29 0.00	32.22 -0.38 0.00	26.41 -0.37 0.00	21.35 -0.27 0.00
HAMPSHIRE___PAPER_HYD 323593	23.02 0.25 0.00	22.57 0.35 0.00	20.69 0.32 0.00	17.98 0.29 0.00	17.59 0.33 0.00	22.43 0.49 0.00	37.44 1.20 -0.87	43.86 1.45 -1.01	47.75 1.16 -0.60	28.97 0.41 0.00	22.79 0.20 0.00	22.81 0.16 0.00	23.83 0.22 0.00	26.84 0.24 0.00	28.14 0.31 0.00	30.62 0.32 0.00	41.11 0.40 0.00	51.73 1.08 0.00	114.32 3.28 0.00	49.18 1.51 0.00	48.34 1.51 0.00	33.40 0.80 0.00	27.37 0.59 0.00	21.93 0.31 0.00
HARDSCRABBLE_WT_PWR 323673	22.67 -0.09 0.00	22.20 -0.02 0.00	20.42 0.04 0.00	17.76 0.07 0.00	17.34 0.07 0.00	22.12 0.18 0.00	35.72 0.35 0.00	41.82 0.42 0.00	46.16 0.17 0.00	28.30 -0.27 0.00	22.34 -0.25 0.00	22.42 -0.23 0.00	23.32 -0.29 0.00	26.31 -0.29 0.00	27.51 -0.31 0.00	30.13 -0.15 0.00	41.06 0.34 0.00	51.49 0.84 0.00	113.21 2.17 0.00	48.16 0.49 0.00	47.10 0.27 0.00	32.88 0.29 0.00	27.16 0.38 0.00	21.85 0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.77 1.01 0.00	23.23 1.00 0.00	21.27 0.90 0.00	18.47 0.79 0.00	18.04 0.78 0.00	22.93 0.99 0.00	36.96 1.60 0.00	43.24 1.85 0.00	48.18 2.19 0.00	30.12 1.55 0.00	24.00 1.42 0.00	24.07 1.42 0.00	25.03 1.42 0.00	28.30 1.70 0.00	29.62 1.79 0.00	32.29 2.00 0.00	43.46 2.74 0.00	53.94 3.29 0.00	118.07 7.03 0.00	50.46 2.79 0.00	49.27 2.44 0.00	34.46 1.87 0.00	28.44 1.66 0.00	22.95 1.33 0.00
HARSNRAD_115KV_TB1 81005	21.90 -0.86 0.00	21.14 -1.09 0.00	19.12 -1.25 0.00	16.48 -1.20 0.00	16.13 -1.13 0.00	20.84 -1.10 0.00	34.01 -1.36 0.00	39.30 -2.10 6.87	36.53 -2.59 10.99	16.45 -1.13 0.00	21.64 -0.94 0.00	21.77 -0.88 0.00	22.98 -0.62 0.00	25.66 -0.95 0.00	26.80 -1.02 0.00	28.89 -1.40 0.00	38.51 -2.20 0.00	47.53 -3.13 0.00	32.38 -5.00 73.67	41.25 -2.95 3.47	43.78 -3.06 0.00	30.34 -2.25 0.00	24.43 -1.97 0.38	19.98 -1.58 0.06
HARZA MOOSE___RIVER 24016	22.86 0.09 0.00	22.42 0.19 0.00	20.58 0.21 0.00	17.91 0.23 0.00	17.54 0.28 0.00	22.40 0.46 0.00	37.26 1.13 -0.76	43.61 1.33 -0.88	47.70 1.13 -0.58	29.05 0.49 0.00	22.85 0.26 0.00	22.91 0.26 0.00	23.87 0.26 0.00	26.89 0.29 0.00	28.18 0.36 0.00	30.71 0.42 0.00	41.45 0.73 0.00	52.24 1.58 0.00	154.76 4.24 -39.48	51.07 1.60 -1.79	48.19 1.35 0.00	33.20 0.61 0.00	27.30 0.52 0.00	21.91 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.29 -0.48 0.00	21.73 -0.50 0.00	19.90 -0.47 0.00	17.27 -0.41 0.00	16.88 -0.38 0.00	21.46 -0.48 0.00	36.16 -0.74 -1.54	42.05 -1.13 -1.78	42.93 -1.45 1.61	23.67 -0.56 4.33	22.04 -0.54 0.00	22.13 -0.52 0.00	23.07 -0.54 0.00	25.98 -0.62 0.00	27.19 -0.63 0.00	29.61 -0.68 0.00	39.92 -0.79 0.00	49.95 -0.70 0.00	153.03 -1.40 -43.38	49.15 -0.85 -2.33	45.91 -0.92 0.00	31.89 -0.70 0.00	26.15 -0.63 0.00	21.12 -0.49 0.00
HELLGATE_13_KV_LD 55870	23.96 1.19 0.00	23.40 1.18 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.18 0.92 0.00	23.09 1.15 0.00	37.07 1.70 0.00	43.30 1.91 0.00	48.47 2.48 0.00	30.49 1.92 0.00	24.38 1.80 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.73 2.12 0.00	30.00 2.18 0.00	32.67 2.38 0.00	43.79 3.07 0.00	54.22 3.57 0.00	118.48 7.43 0.00	50.63 2.96 0.00	49.51 2.68 0.00	34.77 2.18 0.00	28.69 1.91 0.00	23.22 1.60 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.96 1.19 0.00	23.40 1.18 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.18 0.92 0.00	23.09 1.15 0.00	37.07 1.70 0.00	43.30 1.91 0.00	48.47 2.48 0.00	30.49 1.92 0.00	24.38 1.80 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.73 2.12 0.00	30.00 2.18 0.00	32.67 2.38 0.00	43.79 3.07 0.00	54.22 3.57 0.00	118.48 7.43 0.00	50.63 2.96 0.00	49.51 2.68 0.00	34.77 2.18 0.00	28.69 1.91 0.00	23.22 1.60 0.00
HEMPSTEAD___ 23647	23.77 1.00 0.00	23.23 1.01 0.00	21.26 0.89 0.00	18.48 0.80 0.00	18.02 0.76 0.00	22.90 0.97 0.00	36.76 1.39 0.00	42.96 1.56 0.00	38.89 1.90 9.00	17.09 1.43 12.90	24.12 1.54 0.00	24.22 1.57 0.00	25.15 1.54 0.00	28.56 1.95 0.00	29.85 2.03 0.00	32.41 2.12 0.00	43.59 2.87 0.00	53.49 3.09 0.25	82.14 6.42 35.33	46.73 2.52 3.46	49.11 2.28 0.00	34.62 2.03 0.00	28.73 1.95 0.00	23.30 1.68 0.00
HEWLETT_69_KV_BK3 55828	23.97 1.21 0.00	23.43 1.20 0.00	21.43 1.06 0.00	18.62 0.94 0.00	18.16 0.90 0.00	23.09 1.16 0.00	37.08 1.71 0.00	43.31 1.91 0.00	45.93 2.26 2.32	26.92 1.68 3.33	24.32 1.74 0.00	24.42 1.77 0.00	25.36 1.75 0.00	28.76 2.16 0.00	30.07 2.25 0.00	32.68 2.39 0.00	44.09 3.24 -0.13	55.52 3.53 -1.33	111.36 7.37 7.06	49.85 2.95 0.78	49.53 2.70 0.00	34.95 2.35 0.00	28.97 2.19 0.00	23.49 1.87 0.00
HICKLING___1 23621	22.55 -0.21 0.00	21.98 -0.24 0.00	20.05 -0.32 0.00	17.30 -0.38 0.00	17.00 -0.26 0.00	21.82 -0.12 0.00	35.72 0.36 0.00	41.83 0.43 0.00	42.73 0.13 3.39	22.89 0.27 5.95	22.69 0.10 0.00	22.97 0.32 0.00	23.98 0.37 0.00	26.87 0.27 0.00	28.20 0.37 0.00	30.57 0.28 0.00	41.08 0.36 0.00	50.91 0.26 0.00	-134.99 1.12 247.16	36.42 0.29 11.55	46.89 0.06 0.00	32.30 -0.29 0.00	26.75 -0.26 -0.23	21.14 -0.52 -0.04
HICKLING___2 23622	22.55 -0.21 0.00	21.98 -0.24 0.00	20.05 -0.32 0.00	17.30 -0.38 0.00	17.00 -0.26 0.00	21.82 -0.12 0.00	35.72 0.36 0.00	41.83 0.43 0.00	42.73 0.13 3.39	22.89 0.27 5.95	22.69 0.10 0.00	22.97 0.32 0.00	23.98 0.37 0.00	26.87 0.27 0.00	28.20 0.37 0.00	30.57 0.28 0.00	41.08 0.36 0.00	50.91 0.26 0.00	-134.99 1.12 247.16	36.42 0.29 11.55	46.89 0.06 0.00	32.30 -0.29 0.00	26.75 -0.26 -0.23	21.14 -0.52 -0.04
HIGH FALLS___HY 23754	24.00 1.24 0.00	23.45 1.22 0.00	21.47 1.10 0.00	18.65 0.96 0.00	18.21 0.95 0.00	23.15 1.21 0.00	37.37 2.01 0.00	43.74 2.34 0.00	48.79 2.80 0.00	30.51 1.94 0.00	24.30 1.71 0.00	24.32 1.68 0.00	25.27 1.66 0.00	28.55 1.95 0.00	29.86 2.04 0.00	32.57 2.28 0.00	43.85 3.14 0.00	54.49 3.84 0.00	119.39 8.34 0.00	51.06 3.39 0.00	49.89 3.05 0.00	34.89 2.30 0.00	28.74 1.95 0.00	23.17 1.55 0.00
HIGH_RIVER___SOLAR 323847	23.66 0.90 0.00	23.10 0.87 0.00	21.19 0.82 0.00	18.41 0.72 0.00	17.98 0.71 0.00	22.87 0.92 0.00	36.93 1.56 0.00	43.18 1.78 0.00	47.59 1.60 0.00	29.22 0.65 0.00	22.96 0.38 0.00	22.96 0.31 0.00	23.90 0.30 0.00	26.98 0.37 0.00	28.23 0.41 0.00	30.91 0.62 0.00	42.08 1.37 0.00	53.01 2.36 0.00	116.59 5.54 0.00	49.90 2.23 0.00	48.98 2.14 0.00	34.06 1.47 0.00	28.03 1.25 0.00	22.62 1.00 0.00

HILLBURN___GT 23639	23.68 0.91 0.00	23.16 0.93 0.00	21.21 0.84 0.00	18.41 0.73 0.00	17.98 0.72 0.00	22.85 0.91 0.00	36.80 1.44 0.00	43.05 1.65 0.00	47.99 2.00 0.00	30.03 1.47 0.00	23.96 1.37 0.00	24.01 1.36 0.00	24.97 1.36 0.00	28.23 1.63 0.00	29.51 1.68 0.00	32.15 1.86 0.00	43.21 2.49 0.00	53.58 2.93 0.00	117.36 6.32 0.00	50.13 2.46 0.00	48.90 2.07 0.00	34.28 1.69 0.00	28.32 1.54 0.00	22.88 1.26 0.00
HILLSIDE_115KV_TB1 80332	22.44 -0.33 0.00	21.90 -0.32 0.00	19.99 -0.38 0.00	17.25 -0.43 0.00	16.94 -0.32 0.00	21.71 -0.23 0.00	35.45 0.09 0.00	41.57 0.17 0.00	42.62 -0.13 3.24	22.98 0.10 5.69	22.57 -0.01 0.00	22.89 0.24 0.00	23.88 0.27 0.00	26.76 0.15 0.00	28.07 0.24 0.00	30.44 0.15 0.00	40.86 0.14 0.00	50.46 -0.19 0.00	-119.33 0.01 230.38	36.81 -0.09 10.77	46.65 -0.18 0.00	32.22 -0.37 0.00	26.71 -0.27 -0.21	21.12 -0.53 -0.03
HISHELDN_WT_PWR 323625	22.00 -0.76 0.00	21.29 -0.94 0.00	19.30 -1.07 0.00	16.66 -1.03 0.00	16.33 -0.93 0.00	21.09 -0.85 0.00	34.53 -0.84 0.00	40.06 -1.34 0.00	38.40 -1.72 5.88	18.22 -0.65 9.70	22.00 -0.58 0.00	22.18 -0.47 0.00	23.30 -0.31 0.00	26.06 -0.55 0.00	27.31 -0.52 0.00	29.47 -0.82 0.00	39.44 -1.28 0.00	48.82 -1.84 0.00	-0.82 -2.89 108.98	40.64 -1.91 5.12	44.69 -2.15 0.00	30.77 -1.83 0.00	23.76 -1.73 1.29	19.80 -1.61 0.21
HOLTSVILLE_IC_1 23690	23.62 0.85 0.00	23.11 0.88 0.00	21.13 0.75 0.00	18.39 0.70 0.00	17.91 0.65 0.00	22.85 0.91 0.00	36.58 1.22 0.00	42.67 1.28 0.00	30.81 1.54 16.72	5.64 1.03 23.97	23.91 1.33 0.00	24.00 1.36 0.00	24.85 1.25 0.00	28.45 1.84 0.00	29.71 1.89 0.00	32.26 1.97 0.00	43.27 2.66 0.11	51.84 2.55 1.37	54.72 5.20 61.52	44.17 2.22 5.71	49.05 2.21 0.00	34.50 1.90 0.00	28.75 1.98 0.00	23.42 1.79 0.00
HOLTSVILLE_IC_10 23699	23.67 0.90 0.00	23.15 0.93 0.00	21.16 0.78 0.00	18.41 0.73 0.00	17.93 0.67 0.00	22.90 0.96 0.00	36.69 1.32 0.00	42.80 1.40 0.00	31.06 1.67 16.60	5.86 1.09 23.80	23.97 1.38 0.00	24.06 1.41 0.00	24.91 1.30 0.00	28.53 1.92 0.00	29.81 1.99 0.00	32.37 2.08 0.00	43.43 2.82 0.10	52.05 2.76 1.35	55.50 5.61 61.14	44.37 2.39 5.68	49.24 2.40 0.00	34.63 2.04 0.00	28.87 2.09 0.00	23.50 1.88 0.00
HOLTSVILLE_IC_2 23691	23.62 0.85 0.00	23.11 0.88 0.00	21.13 0.75 0.00	18.39 0.70 0.00	17.91 0.65 0.00	22.85 0.91 0.00	36.58 1.22 0.00	42.67 1.28 0.00	30.81 1.54 16.72	5.64 1.03 23.97	23.91 1.33 0.00	24.00 1.36 0.00	24.85 1.25 0.00	28.45 1.84 0.00	29.71 1.89 0.00	32.26 1.97 0.00	43.27 2.66 0.11	51.84 2.55 1.37	54.72 5.20 61.52	44.17 2.22 5.71	49.05 2.21 0.00	34.50 1.90 0.00	28.75 1.98 0.00	23.42 1.79 0.00
HOLTSVILLE_IC_3 23692	23.62 0.85 0.00	23.11 0.88 0.00	21.13 0.75 0.00	18.39 0.70 0.00	17.91 0.65 0.00	22.85 0.91 0.00	36.58 1.22 0.00	42.67 1.28 0.00	30.81 1.54 16.72	5.64 1.03 23.97	23.91 1.33 0.00	24.00 1.36 0.00	24.85 1.25 0.00	28.45 1.84 0.00	29.71 1.89 0.00	32.26 1.97 0.00	43.27 2.66 0.11	51.84 2.55 1.37	54.72 5.20 61.52	44.17 2.22 5.71	49.05 2.21 0.00	34.50 1.90 0.00	28.75 1.98 0.00	23.42 1.79 0.00
HOLTSVILLE_IC_4 23693	23.62 0.85 0.00	23.11 0.88 0.00	21.13 0.75 0.00	18.39 0.70 0.00	17.91 0.65 0.00	22.85 0.91 0.00	36.58 1.22 0.00	42.67 1.28 0.00	30.81 1.54 16.72	5.64 1.03 23.97	23.91 1.33 0.00	24.00 1.36 0.00	24.85 1.25 0.00	28.45 1.84 0.00	29.71 1.89 0.00	32.26 1.97 0.00	43.27 2.66 0.11	51.84 2.55 1.37	54.72 5.20 61.52	44.17 2.22 5.71	49.05 2.21 0.00	34.50 1.90 0.00	28.75 1.98 0.00	23.42 1.79 0.00
HOLTSVILLE_IC_5 23694	23.62 0.85 0.00	23.11 0.88 0.00	21.13 0.75 0.00	18.39 0.70 0.00	17.91 0.65 0.00	22.85 0.91 0.00	36.58 1.22 0.00	42.67 1.28 0.00	30.81 1.54 16.72	5.64 1.03 23.97	23.91 1.33 0.00	24.00 1.36 0.00	24.85 1.25 0.00	28.45 1.84 0.00	29.71 1.89 0.00	32.26 1.97 0.00	43.27 2.66 0.11	51.84 2.55 1.37	54.72 5.20 61.52	44.17 2.22 5.71	49.05 2.21 0.00	34.50 1.90 0.00	28.75 1.98 0.00	23.42 1.79 0.00
HOLTSVILLE_IC_6 23695	23.67 0.90 0.00	23.15 0.93 0.00	21.16 0.78 0.00	18.41 0.73 0.00	17.93 0.67 0.00	22.90 0.96 0.00	36.69 1.32 0.00	42.80 1.40 0.00	31.06 1.67 16.60	5.86 1.09 23.80	23.97 1.38 0.00	24.06 1.41 0.00	24.91 1.30 0.00	28.53 1.92 0.00	29.81 1.99 0.00	32.37 2.08 0.00	43.43 2.82 0.10	52.05 2.76 1.35	55.50 5.61 61.14	44.37 2.39 5.68	49.24 2.40 0.00	34.63 2.04 0.00	28.87 2.09 0.00	23.50 1.88 0.00
HOLTSVILLE_IC_7 23696	23.67 0.90 0.00	23.15 0.93 0.00	21.16 0.78 0.00	18.41 0.73 0.00	17.93 0.67 0.00	22.90 0.96 0.00	36.69 1.32 0.00	42.80 1.40 0.00	31.06 1.67 16.60	5.86 1.09 23.80	23.97 1.38 0.00	24.06 1.41 0.00	24.91 1.30 0.00	28.53 1.92 0.00	29.81 1.99 0.00	32.37 2.08 0.00	43.43 2.82 0.10	52.05 2.76 1.35	55.50 5.61 61.14	44.37 2.39 5.68	49.24 2.40 0.00	34.63 2.04 0.00	28.87 2.09 0.00	23.50 1.88 0.00
HOLTSVILLE_IC_8 23697	23.67 0.90 0.00	23.15 0.93 0.00	21.16 0.78 0.00	18.41 0.73 0.00	17.93 0.67 0.00	22.90 0.96 0.00	36.69 1.32 0.00	42.80 1.40 0.00	31.06 1.67 16.60	5.86 1.09 23.80	23.97 1.38 0.00	24.06 1.41 0.00	24.91 1.30 0.00	28.53 1.92 0.00	29.81 1.99 0.00	32.37 2.08 0.00	43.43 2.82 0.10	52.05 2.76 1.35	55.50 5.61 61.14	44.37 2.39 5.68	49.24 2.40 0.00	34.63 2.04 0.00	28.87 2.09 0.00	23.50 1.88 0.00
HOLTSVILLE_IC_9 23698	23.67 0.90 0.00	23.15 0.93 0.00	21.16 0.78 0.00	18.41 0.73 0.00	17.93 0.67 0.00	22.90 0.96 0.00	36.69 1.32 0.00	42.80 1.40 0.00	31.06 1.67 16.60	5.86 1.09 23.80	23.97 1.38 0.00	24.06 1.41 0.00	24.91 1.30 0.00	28.53 1.92 0.00	29.81 1.99 0.00	32.37 2.08 0.00	43.43 2.82 0.10	52.05 2.76 1.35	55.50 5.61 61.14	44.37 2.39 5.68	49.24 2.40 0.00	34.63 2.04 0.00	28.87 2.09 0.00	23.50 1.88 0.00
HOMER_HL_115KV_TB2 355744	22.63 -0.13 0.00	21.99 -0.23 0.00	19.94 -0.43 0.00	17.21 -0.47 0.00	16.93 -0.33 0.00	21.82 -0.11 0.00	35.77 0.41 0.00	41.64 0.24 0.00	40.25 -0.09 5.64	19.43 0.20 9.33	22.76 0.18 0.00	23.01 0.36 0.00	24.14 0.53 0.00	27.02 0.42 0.00	28.26 0.44 0.00	30.40 0.11 0.00	40.69 -0.02 0.00	50.44 -0.21 0.00	0.14 1.19 112.09	42.09 -0.32 5.26	46.13 -0.71 0.00	31.88 -0.71 0.00	26.00 -0.66 0.11	20.92 -0.68 0.02
HOWARD_WT_PWR 323690	22.00 -0.77 0.00	21.40 -0.82 0.00	19.44 -0.93 0.00	16.82 -0.86 0.00	16.56 -0.70 0.00	21.36 -0.58 0.00	35.25 -0.11 0.00	41.25 -0.15 0.00	41.29 -0.35 4.36	21.06 -0.01 7.50	22.44 -0.15 0.00	22.65 0.00 0.00	23.59 -0.02 0.00	26.41 -0.19 0.00	27.72 -0.10 0.00	29.96 -0.33 0.00	40.36 -0.35 0.00	50.37 -0.28 0.00	-136.57 0.77 248.38	35.49 -0.58 11.60	45.55 -1.29 0.00	31.24 -1.36 0.00	26.82 -1.40 -1.44	20.37 -1.48 -0.23

HQ_GEN_CEDARS 23644	23.30 0.54 0.00	22.76 0.54 0.00	20.82 0.45 0.00	18.05 0.37 0.00	17.59 0.33 0.00	22.38 0.44 0.00	36.20 0.84 0.00	42.38 0.98 0.00	47.02 0.83 -0.19	28.95 0.39 0.00	22.89 0.30 0.00	22.92 0.27 0.00	23.98 0.37 0.00	27.00 0.40 0.00	28.24 0.41 0.00	30.67 0.38 0.00	40.87 0.15 0.00	50.73 0.08 0.00	111.76 0.71 0.00	48.49 0.82 0.00	48.00 1.16 0.00	33.46 0.87 0.00	27.36 0.59 0.00	21.99 0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	23.30 0.54 0.00	22.76 0.54 0.00	20.82 0.45 0.00	18.05 0.37 0.00	17.59 0.33 0.00	22.38 0.44 0.00	36.20 0.84 0.00	42.38 0.98 0.00	47.01 0.82 -0.19	28.95 0.39 0.00	22.89 0.30 0.00	22.92 0.27 0.00	23.98 0.37 0.00	27.00 0.40 0.00	28.23 0.41 0.00	30.67 0.38 0.00	40.87 0.15 0.00	50.74 0.08 0.00	111.79 0.74 0.00	48.49 0.82 0.00	48.00 1.16 0.00	33.46 0.87 0.00	27.36 0.58 0.00	21.99 0.37 0.00
HQ_GEN_IMPORT 323601	22.98 0.22 0.00	22.44 0.22 0.00	20.56 0.19 0.00	17.83 0.15 0.00	17.39 0.14 0.00	22.11 0.17 0.00	35.67 0.31 0.00	41.76 0.36 0.00	46.30 0.31 0.00	28.73 0.16 0.00	22.72 0.13 0.00	22.76 0.11 0.00	23.76 0.16 0.00	26.77 0.16 0.00	27.99 0.17 0.00	30.46 0.18 0.00	40.82 0.10 0.00	50.70 0.05 0.00	111.27 0.22 0.00	49.04 0.35 -1.03	47.22 0.46 0.07	32.93 0.33 0.00	27.00 0.22 0.00	21.77 0.14 0.00
HQ_GEN_WHEEL 23651	22.98 0.22 0.00	22.44 0.22 0.00	20.56 0.19 0.00	17.83 0.15 0.00	17.39 0.14 0.00	22.11 0.17 0.00	35.67 0.31 0.00	41.76 0.36 0.00	46.30 0.31 0.00	28.73 0.16 0.00	22.72 0.13 0.00	22.76 0.11 0.00	23.76 0.16 0.00	26.77 0.16 0.00	27.99 0.17 0.00	30.46 0.18 0.00	40.82 0.10 0.00	50.70 0.05 0.00	111.27 0.22 0.00	49.04 0.35 -1.03	47.22 0.46 0.07	32.93 0.33 0.00	27.00 0.22 0.00	21.77 0.14 0.00
HUDSON AVE_GT_3 23810	24.01 1.24 0.00	23.42 1.20 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.19 0.93 0.00	23.12 1.18 0.00	37.18 1.81 0.00	43.44 2.04 0.00	48.58 2.59 0.00	30.51 1.94 0.00	24.43 1.85 0.00	24.51 1.87 0.00	25.46 1.85 0.00	28.80 2.19 0.00	30.07 2.24 0.00	32.77 2.48 0.00	44.01 3.27 -0.03	54.79 3.79 -0.35	119.33 7.97 -0.31	50.82 3.15 0.00	49.66 2.83 0.00	34.81 2.21 0.00	28.71 1.93 0.00	23.21 1.59 0.00
HUDSON AVE_GT_4 23540	24.01 1.24 0.00	23.42 1.20 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.19 0.93 0.00	23.12 1.18 0.00	37.18 1.81 0.00	43.44 2.04 0.00	48.58 2.59 0.00	30.51 1.94 0.00	24.43 1.85 0.00	24.51 1.87 0.00	25.46 1.85 0.00	28.80 2.19 0.00	30.07 2.24 0.00	32.77 2.48 0.00	44.01 3.27 -0.03	54.79 3.79 -0.35	119.33 7.97 -0.31	50.82 3.15 0.00	49.66 2.83 0.00	34.81 2.21 0.00	28.71 1.93 0.00	23.21 1.59 0.00
HUDSON AVE_GT_5 23657	24.01 1.24 0.00	23.42 1.20 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.19 0.93 0.00	23.12 1.18 0.00	37.18 1.81 0.00	43.44 2.04 0.00	48.58 2.59 0.00	30.51 1.94 0.00	24.43 1.85 0.00	24.51 1.87 0.00	25.46 1.85 0.00	28.80 2.19 0.00	30.07 2.24 0.00	32.77 2.48 0.00	44.01 3.27 -0.03	54.79 3.79 -0.35	119.33 7.97 -0.31	50.82 3.15 0.00	49.66 2.83 0.00	34.81 2.21 0.00	28.71 1.93 0.00	23.21 1.59 0.00
HUDSON_AVE_10 24168	23.86 1.10 0.00	23.34 1.12 0.00	21.39 1.02 0.00	18.57 0.89 0.00	18.12 0.86 0.00	23.03 1.09 0.00	37.06 1.70 0.00	43.32 1.92 0.00	48.45 2.46 0.00	30.42 1.85 0.00	24.37 1.79 0.00	24.45 1.80 0.00	25.38 1.77 0.00	28.71 2.11 0.00	29.98 2.16 0.00	32.68 2.39 0.00	43.93 3.14 -0.07	55.04 3.66 -0.73	119.38 7.67 -0.66	50.70 3.03 0.00	49.54 2.71 0.00	34.71 2.12 0.00	28.63 1.85 0.00	23.16 1.54 0.00
HUDSON___115KV_TB 4 355613	23.53 0.76 0.00	22.96 0.74 0.00	21.08 0.70 0.00	18.33 0.64 0.00	17.88 0.62 0.00	22.76 0.82 0.00	36.51 1.15 0.00	42.66 1.27 0.00	47.37 1.38 0.00	29.23 0.67 0.00	23.10 0.52 0.00	23.09 0.43 0.00	23.98 0.38 0.00	27.04 0.43 0.00	28.27 0.45 0.00	30.85 0.57 0.00	41.97 1.26 0.00	52.79 2.14 0.00	116.11 5.07 0.00	49.60 1.93 0.00	48.73 1.90 0.00	33.84 1.25 0.00	28.00 1.21 0.00	22.64 1.02 0.00
HUNTER MOUNT___DRP 323613	23.59 0.82 0.00	23.01 0.79 0.00	21.13 0.76 0.00	18.38 0.69 0.00	17.93 0.67 0.00	22.86 0.91 0.00	36.71 1.35 0.00	42.90 1.51 0.00	47.57 1.58 0.00	29.26 0.69 0.00	23.06 0.48 0.00	23.04 0.39 0.00	23.94 0.33 0.00	26.98 0.37 0.00	28.21 0.39 0.00	30.82 0.53 0.00	42.02 1.31 0.00	53.00 2.35 0.00	116.68 5.63 0.00	49.87 2.20 0.00	49.01 2.17 0.00	33.96 1.37 0.00	28.04 1.26 0.00	22.67 1.05 0.00
HUNTINGTON_RES_REC 323705	23.63 0.86 0.00	23.12 0.90 0.00	21.15 0.78 0.00	18.40 0.72 0.00	17.92 0.66 0.00	22.77 0.82 0.00	36.43 1.06 0.00	42.54 1.14 0.00	30.77 1.38 16.60	5.81 1.04 23.80	23.93 1.35 0.00	24.03 1.38 0.00	24.88 1.28 0.00	28.37 1.76 0.00	29.63 1.81 0.00	32.17 1.88 0.00	43.13 2.53 0.11	51.79 2.50 1.36	55.02 5.09 61.12	44.05 2.06 5.68	48.85 2.02 0.00	34.41 1.81 0.00	28.63 1.85 0.00	23.33 1.71 0.00
HUNTLEY___63 23557	22.12 -0.65 0.00	21.36 -0.87 0.00	19.32 -1.05 0.00	16.66 -1.03 0.00	16.29 -0.97 0.00	21.05 -0.89 0.00	34.33 -1.03 0.00	39.62 -1.77 0.00	36.95 -2.29 6.75	16.85 -0.92 10.81	21.82 -0.76 0.00	21.97 -0.68 0.00	23.20 -0.41 0.00	25.90 -0.71 0.00	27.05 -0.77 0.00	29.17 -1.12 0.00	38.88 -1.84 0.00	47.92 -2.73 0.00	28.29 -4.45 78.30	41.37 -2.61 3.69	44.17 -2.67 0.00	30.66 -1.94 0.00	24.64 -1.73 0.41	20.15 -1.40 0.06
HUNTLEY___64 23558	22.12 -0.65 0.00	21.36 -0.87 0.00	19.32 -1.05 0.00	16.66 -1.03 0.00	16.29 -0.97 0.00	21.05 -0.89 0.00	34.33 -1.03 0.00	39.62 -1.77 0.00	36.95 -2.29 6.75	16.85 -0.92 10.81	21.82 -0.76 0.00	21.97 -0.68 0.00	23.20 -0.41 0.00	25.90 -0.71 0.00	27.05 -0.77 0.00	29.17 -1.12 0.00	38.88 -1.84 0.00	47.92 -2.73 0.00	28.29 -4.45 78.30	41.37 -2.61 3.69	44.17 -2.67 0.00	30.66 -1.94 0.00	24.64 -1.73 0.41	20.15 -1.40 0.06
HUNTLEY___65 23559	22.12 -0.65 0.00	21.36 -0.87 0.00	19.32 -1.05 0.00	16.66 -1.03 0.00	16.29 -0.97 0.00	21.05 -0.89 0.00	34.33 -1.03 0.00	39.62 -1.77 0.00	36.95 -2.29 6.75	16.85 -0.92 10.81	21.82 -0.76 0.00	21.97 -0.68 0.00	23.20 -0.41 0.00	25.90 -0.71 0.00	27.05 -0.77 0.00	29.17 -1.12 0.00	38.88 -1.84 0.00	47.92 -2.73 0.00	28.29 -4.45 78.30	41.37 -2.61 3.69	44.17 -2.67 0.00	30.66 -1.94 0.00	24.64 -1.73 0.41	20.15 -1.40 0.06
HUNTLEY___66 23560	22.12 -0.65 0.00	21.36 -0.87 0.00	19.32 -1.05 0.00	16.66 -1.03 0.00	16.29 -0.97 0.00	21.05 -0.89 0.00	34.33 -1.03 0.00	39.62 -1.77 0.00	36.95 -2.29 6.75	16.85 -0.92 10.81	21.82 -0.76 0.00	21.97 -0.68 0.00	23.20 -0.41 0.00	25.90 -0.71 0.00	27.05 -0.77 0.00	29.17 -1.12 0.00	38.88 -1.84 0.00	47.92 -2.73 0.00	28.29 -4.45 78.30	41.37 -2.61 3.69	44.17 -2.67 0.00	30.66 -1.94 0.00	24.64 -1.73 0.41	20.15 -1.40 0.06

HUNTLEY___67 23561	21.96 -0.81 0.00	21.21 -1.01 0.00	19.20 -1.17 0.00	16.55 -1.13 0.00	16.21 -1.05 0.00	20.92 -1.02 0.00	34.15 -1.22 0.00	39.49 -1.91 0.00	36.94 -2.36 6.70	16.89 -0.97 10.71	21.78 -0.81 0.00	21.93 -0.71 0.00	23.15 -0.46 0.00	25.85 -0.76 0.00	27.02 -0.81 0.00	29.12 -1.18 0.00	38.81 -1.90 0.00	47.84 -2.81 0.00	24.58 -4.97 81.49	41.09 -2.75 3.83	43.98 -2.86 0.00	30.46 -2.14 0.00	24.40 -1.90 0.48	20.00 -1.55 0.08
HUNTLEY___68 23562	21.96 -0.81 0.00	21.21 -1.01 0.00	19.20 -1.17 0.00	16.55 -1.13 0.00	16.21 -1.05 0.00	20.92 -1.02 0.00	34.15 -1.22 0.00	39.49 -1.91 0.00	36.94 -2.36 6.70	16.89 -0.97 10.71	21.78 -0.81 0.00	21.93 -0.71 0.00	23.15 -0.46 0.00	25.85 -0.76 0.00	27.02 -0.81 0.00	29.12 -1.18 0.00	38.81 -1.90 0.00	47.84 -2.81 0.00	24.58 -4.97 81.49	41.09 -2.75 3.83	43.98 -2.86 0.00	30.46 -2.14 0.00	24.40 -1.90 0.48	20.00 -1.55 0.08
HYLAND___LFGE 323620	23.05 0.28 0.00	22.30 0.08 0.00	20.28 -0.09 0.00	17.51 -0.17 0.00	17.19 -0.07 0.00	22.17 0.23 0.00	36.50 1.13 0.00	41.73 0.33 0.00	38.80 -1.53 5.67	17.21 -1.90 9.46	20.86 -1.73 0.00	21.02 -1.62 0.00	22.02 -1.59 0.00	26.02 -0.59 0.00	27.09 -0.73 0.00	29.12 -1.17 0.00	39.12 -1.60 0.00	49.51 -1.14 0.00	-18.35 0.86 130.25	41.54 -0.01 6.11	46.49 -0.35 0.00	32.51 -0.09 0.00	28.27 -0.11 -1.60	21.55 -0.33 -0.25
INDECK___CORINTH 23802	23.50 0.73 0.00	22.94 0.72 0.00	21.03 0.66 0.00	18.28 0.59 0.00	17.83 0.57 0.00	22.80 0.86 0.00	36.85 1.49 0.00	43.16 1.76 0.00	47.64 1.65 0.00	29.35 0.78 0.00	23.21 0.62 0.00	23.26 0.61 0.00	24.19 0.58 0.00	27.23 0.62 0.00	28.51 0.69 0.00	31.19 0.90 0.00	42.50 1.79 0.00	53.00 2.35 0.00	116.06 5.01 0.00	49.64 1.97 0.00	48.68 1.84 0.00	33.90 1.31 0.00	27.94 1.17 0.00	22.66 1.04 0.00
INDECK___ILION 23567	22.79 0.02 0.00	22.26 0.03 0.00	20.44 0.06 0.00	17.76 0.08 0.00	17.34 0.08 0.00	22.07 0.14 0.00	35.60 0.24 0.00	41.65 0.25 0.00	46.12 0.13 0.00	28.48 -0.09 0.00	22.50 -0.08 0.00	22.58 -0.07 0.00	23.50 -0.11 0.00	26.50 -0.10 0.00	27.70 -0.12 0.00	30.26 -0.03 0.00	41.00 0.28 0.00	51.20 0.55 0.00	112.43 1.38 0.00	48.09 0.42 0.00	47.16 0.32 0.00	32.84 0.24 0.00	27.05 0.27 0.00	21.82 0.20 0.00
INDECK___OLEAN 23982	22.64 -0.13 0.00	21.99 -0.23 0.00	19.94 -0.43 0.00	17.21 -0.47 0.00	16.93 -0.33 0.00	21.82 -0.11 0.00	35.78 0.42 0.00	41.63 0.24 0.00	40.27 -0.08 5.64	19.46 0.22 9.33	22.76 0.17 0.00	23.01 0.36 0.00	24.14 0.53 0.00	27.02 0.42 0.00	28.26 0.44 0.00	30.40 0.11 0.00	40.71 -0.01 0.00	50.47 -0.18 0.00	0.04 1.08 112.09	42.04 -0.37 5.26	46.13 -0.70 0.00	31.89 -0.71 0.00	26.00 -0.66 0.11	20.91 -0.69 0.02
INDECK___OSWEGO 23783	22.05 -0.71 0.00	21.50 -0.72 0.00	19.73 -0.65 0.00	17.13 -0.55 0.00	16.73 -0.53 0.00	21.25 -0.69 0.00	40.05 -1.12 -5.80	46.53 -1.58 -6.71	56.74 -1.99 -12.73	42.62 -0.86 -14.91	21.79 -0.79 0.00	21.85 -0.79 0.00	22.76 -0.84 0.00	25.64 -0.96 0.00	27.58 -0.24 0.00	29.45 -0.84 0.00	39.74 -0.98 0.00	51.43 0.79 0.00	145.00 -1.52 -35.48	47.59 -1.60 -1.52	45.17 -1.66 0.00	31.38 -1.22 0.00	25.77 -1.01 0.00	20.83 -0.79 0.00
INDECK___YERKES 23781	22.15 -0.61 0.00	21.38 -0.84 0.00	19.34 -1.03 0.00	16.67 -1.01 0.00	16.31 -0.95 0.00	21.07 -0.86 0.00	34.37 -0.99 0.00	39.64 -1.76 0.00	36.97 -2.27 6.75	16.87 -0.89 10.81	21.82 -0.76 0.00	21.97 -0.68 0.00	23.20 -0.41 0.00	25.90 -0.71 0.00	27.05 -0.77 0.00	29.17 -1.12 0.00	38.88 -1.83 0.00	47.94 -2.71 0.00	28.25 -4.50 78.30	41.32 -2.67 3.69	44.19 -2.64 0.00	30.69 -1.91 0.00	24.67 -1.70 0.41	20.16 -1.40 0.06
INDIAN POINT_GT_1 24139	23.74 0.98 0.00	23.20 0.98 0.00	21.26 0.89 0.00	18.47 0.78 0.00	18.03 0.77 0.00	22.91 0.98 0.00	36.86 1.50 0.00	43.09 1.69 0.00	48.09 2.10 0.00	30.11 1.55 0.00	24.06 1.47 0.00	24.12 1.47 0.00	25.07 1.46 0.00	28.34 1.74 0.00	29.62 1.79 0.00	32.26 1.97 0.00	43.37 2.65 0.00	53.77 3.12 0.00	117.65 6.61 0.00	50.26 2.60 0.00	49.11 2.28 0.00	34.41 1.82 0.00	28.41 1.63 0.00	22.97 1.35 0.00
INDIAN POINT_GT_2 23659	23.74 0.98 0.00	23.20 0.98 0.00	21.26 0.89 0.00	18.47 0.78 0.00	18.03 0.77 0.00	22.91 0.98 0.00	36.86 1.50 0.00	43.09 1.69 0.00	48.09 2.10 0.00	30.11 1.55 0.00	24.06 1.47 0.00	24.12 1.47 0.00	25.07 1.46 0.00	28.34 1.74 0.00	29.62 1.79 0.00	32.26 1.97 0.00	43.37 2.65 0.00	53.77 3.12 0.00	117.65 6.61 0.00	50.26 2.60 0.00	49.11 2.28 0.00	34.41 1.82 0.00	28.41 1.63 0.00	22.97 1.35 0.00
INDIAN POINT_GT_3 24019	23.74 0.98 0.00	23.20 0.98 0.00	21.26 0.89 0.00	18.47 0.78 0.00	18.03 0.77 0.00	22.91 0.98 0.00	36.86 1.50 0.00	43.09 1.69 0.00	48.09 2.10 0.00	30.11 1.55 0.00	24.06 1.47 0.00	24.12 1.47 0.00	25.07 1.46 0.00	28.34 1.74 0.00	29.62 1.79 0.00	32.26 1.97 0.00	43.37 2.65 0.00	53.77 3.12 0.00	117.65 6.61 0.00	50.26 2.60 0.00	49.11 2.28 0.00	34.41 1.82 0.00	28.41 1.63 0.00	22.97 1.35 0.00
INDIAN POINT___2 23530	23.70 0.93 0.00	23.17 0.94 0.00	21.22 0.85 0.00	18.43 0.75 0.00	17.99 0.73 0.00	22.86 0.92 0.00	36.80 1.43 0.00	43.02 1.62 0.00	47.99 2.00 0.00	30.05 1.48 0.00	23.99 1.41 0.00	24.06 1.41 0.00	25.00 1.39 0.00	28.27 1.67 0.00	29.54 1.72 0.00	32.17 1.88 0.00	43.24 2.53 0.00	53.60 2.95 0.00	117.34 6.30 0.00	50.13 2.46 0.00	48.97 2.13 0.00	34.31 1.72 0.00	28.34 1.56 0.00	22.91 1.29 0.00
INDIAN POINT___3 23531	23.79 1.02 0.00	23.25 1.02 0.00	21.30 0.93 0.00	18.51 0.83 0.00	18.06 0.80 0.00	22.96 1.02 0.00	36.90 1.54 0.00	43.14 1.74 0.00	48.17 2.18 0.00	30.18 1.61 0.00	24.12 1.54 0.00	24.20 1.55 0.00	25.14 1.53 0.00	28.42 1.82 0.00	29.69 1.87 0.00	32.34 2.05 0.00	43.49 2.77 0.00	53.90 3.25 0.00	117.85 6.80 0.00	50.35 2.69 0.00	49.24 2.41 0.00	34.49 1.89 0.00	28.47 1.69 0.00	23.02 1.40 0.00
INGHAM_C_115KV_TB7 356103	22.69 -0.08 0.00	22.20 -0.03 0.00	20.40 0.02 0.00	17.74 0.05 0.00	17.33 0.07 0.00	22.11 0.17 0.00	35.67 0.31 0.00	41.76 0.36 0.00	46.04 0.04 0.00	28.10 -0.47 0.00	22.16 -0.42 0.00	22.25 -0.40 0.00	23.13 -0.48 0.00	26.11 -0.49 0.00	27.30 -0.52 0.00	29.95 -0.34 0.00	40.95 0.23 0.00	51.46 0.81 0.00	113.23 2.19 0.00	48.23 0.56 0.00	47.21 0.38 0.00	32.94 0.34 0.00	27.24 0.46 0.00	21.93 0.31 0.00
IP CORINTH___1 23988	23.62 0.86 0.00	23.05 0.83 0.00	21.14 0.77 0.00	18.37 0.68 0.00	17.92 0.65 0.00	22.92 0.98 0.00	37.03 1.67 0.00	43.38 1.98 0.00	47.90 1.91 0.00	29.50 0.94 0.00	23.33 0.75 0.00	23.39 0.74 0.00	24.32 0.71 0.00	27.37 0.77 0.00	28.67 0.85 0.00	31.35 1.07 0.00	42.72 2.00 0.00	53.27 2.62 0.00	116.64 5.60 0.00	49.88 2.21 0.00	48.94 2.10 0.00	34.07 1.48 0.00	28.08 1.31 0.00	22.77 1.15 0.00

IP___TICONDEROGA 23804	24.78 2.01 0.00	24.19 1.96 0.00	22.16 1.78 0.00	19.23 1.54 0.00	18.70 1.44 0.00	24.18 2.24 0.00	39.37 4.00 0.00	46.36 4.97 0.00	50.48 4.49 0.00	30.49 1.92 0.00	24.09 1.51 0.00	24.18 1.54 0.00	25.11 1.50 0.00	28.05 1.45 0.00	29.44 1.62 0.00	32.27 1.99 0.00	44.58 3.87 0.00	56.13 5.48 0.00	123.39 12.34 0.00	52.92 5.25 0.00	52.04 5.20 0.00	35.66 3.06 0.00	29.54 2.76 0.00	23.90 2.28 0.00
ISLIP_RES_REC 323679	23.73 0.97 0.00	23.21 0.98 0.00	21.21 0.84 0.00	18.46 0.77 0.00	17.98 0.72 0.00	22.96 1.02 0.00	36.81 1.44 0.00	42.96 1.56 0.00	31.32 1.85 16.52	6.09 1.19 23.68	24.05 1.46 0.00	24.15 1.50 0.00	25.00 1.39 0.00	28.63 2.03 0.00	29.93 2.11 0.00	32.52 2.23 0.00	43.64 3.03 0.10	52.33 3.02 1.35	56.34 6.18 60.89	44.63 2.62 5.66	49.47 2.63 0.00	34.77 2.17 0.00	28.98 2.20 0.00	23.57 1.95 0.00
JAMAICA__27_KV_LOAD 355505	23.95 1.19 0.00	23.39 1.16 0.00	21.44 1.07 0.00	18.61 0.92 0.00	18.17 0.91 0.00	23.08 1.14 0.00	37.26 1.89 0.00	43.63 2.23 0.00	48.75 2.75 0.00	30.60 2.03 0.00	24.54 1.95 0.00	24.61 1.97 0.00	25.50 1.89 0.00	28.87 2.26 0.00	30.12 2.30 0.00	32.88 2.59 0.00	44.24 3.44 -0.08	55.59 4.07 -0.87	120.48 8.64 -0.79	51.11 3.44 0.00	49.93 3.09 0.00	34.92 2.33 0.00	28.79 2.01 0.00	23.30 1.68 0.00
JANIS___SOLAR 323808	23.29 0.53 0.00	22.70 0.48 0.00	20.74 0.36 0.00	17.99 0.30 0.00	17.63 0.37 0.00	22.54 0.60 0.00	37.76 1.35 -1.04	44.08 1.47 -1.20	46.05 1.06 1.00	26.25 0.52 2.85	22.66 0.08 0.00	22.68 0.04 0.00	23.63 0.02 0.00	26.57 -0.03 0.00	27.83 0.00 0.00	30.40 0.11 0.00	41.36 0.65 0.00	52.48 1.83 0.00	962.73 6.29 -845.40	87.90 1.99 -38.25	48.46 1.63 0.00	33.37 0.77 0.00	27.30 0.40 -0.13	21.81 0.17 -0.02
JARVIS____ 23743	22.80 0.03 0.00	22.27 0.04 0.00	20.42 0.05 0.00	17.74 0.05 0.00	17.31 0.05 0.00	22.01 0.07 0.00	35.46 0.10 0.00	41.46 0.06 0.00	46.05 0.06 0.00	28.64 0.07 0.00	22.65 0.07 0.00	22.72 0.07 0.00	23.66 0.06 0.00	26.68 0.08 0.00	27.88 0.05 0.00	30.37 0.08 0.00	40.90 0.18 0.00	50.87 0.22 0.00	111.49 0.45 0.00	47.81 0.15 0.00	46.95 0.11 0.00	32.66 0.07 0.00	26.86 0.08 0.00	21.71 0.09 0.00
JENNISON___1 23625	23.69 0.92 0.00	23.12 0.89 0.00	21.16 0.79 0.00	18.34 0.65 0.00	17.97 0.72 0.00	23.00 1.06 0.00	37.46 2.10 0.00	43.90 2.50 0.00	46.67 2.38 1.69	26.78 1.46 3.24	23.60 1.02 0.00	23.73 1.08 0.00	24.71 1.10 0.00	27.72 1.12 0.00	28.92 1.10 0.00	31.56 1.27 0.00	42.78 2.06 0.00	53.55 2.90 0.00	326.79 6.78 -208.97	59.41 2.37 -9.36	48.91 2.07 0.00	33.61 1.02 0.00	27.35 0.50 -0.07	21.83 0.20 -0.01
JENNISON___2 23626	23.69 0.92 0.00	23.12 0.89 0.00	21.16 0.79 0.00	18.34 0.65 0.00	17.97 0.72 0.00	23.00 1.06 0.00	37.46 2.10 0.00	43.90 2.50 0.00	46.67 2.38 1.69	26.78 1.46 3.24	23.60 1.02 0.00	23.73 1.08 0.00	24.71 1.10 0.00	27.72 1.12 0.00	28.92 1.10 0.00	31.56 1.27 0.00	42.78 2.06 0.00	53.55 2.90 0.00	326.79 6.78 -208.97	59.41 2.37 -9.36	48.91 2.07 0.00	33.61 1.02 0.00	27.35 0.50 -0.07	21.83 0.20 -0.01
JERICHO_RISE_WT_PWR 323719	23.22 0.45 0.00	22.77 0.55 0.00	20.88 0.50 0.00	18.13 0.45 0.00	17.67 0.41 0.00	22.40 0.46 0.00	36.22 0.86 0.00	42.33 0.93 0.00	46.70 0.71 0.00	28.90 0.33 0.00	22.82 0.24 0.00	22.85 0.20 0.00	23.85 0.25 0.00	26.88 0.27 0.00	28.13 0.31 0.00	30.63 0.34 0.00	40.81 0.09 0.00	50.74 0.09 0.00	111.45 0.40 0.00	48.47 0.80 0.00	47.87 1.04 0.00	33.28 0.69 0.00	27.14 0.36 0.00	21.82 0.19 0.00
KATONAH__115KV_46KV_TB4 355592	23.93 1.17 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.93 0.00	18.16 0.90 0.00	23.10 1.17 0.00	37.20 1.84 0.00	43.51 2.11 0.00	48.59 2.60 0.00	30.42 1.85 0.00	24.30 1.71 0.00	24.38 1.73 0.00	25.33 1.72 0.00	28.63 2.02 0.00	29.92 2.09 0.00	32.52 2.23 0.00	43.89 3.17 0.00	54.43 3.78 0.00	119.01 7.97 0.00	50.84 3.17 0.00	49.71 2.88 0.00	34.78 2.19 0.00	28.67 1.89 0.00	23.16 1.54 0.00
KCE_NY_1 323755	23.78 1.01 0.00	23.21 0.98 0.00	21.29 0.92 0.00	18.50 0.82 0.00	18.06 0.80 0.00	23.02 1.08 0.00	37.11 1.75 0.00	43.39 1.99 0.00	48.03 2.04 0.00	29.70 1.13 0.00	23.51 0.93 0.00	23.55 0.90 0.00	24.51 0.90 0.00	27.62 1.01 0.00	28.91 1.09 0.00	31.58 1.29 0.00	42.87 2.16 0.00	53.61 2.96 0.00	117.37 6.33 0.00	50.19 2.52 0.00	49.29 2.45 0.00	34.26 1.67 0.00	28.23 1.46 0.00	22.85 1.23 0.00
KCE_NY_6_ESR 323823	22.22 -0.54 0.00	21.47 -0.75 0.00	19.45 -0.93 0.00	16.75 -0.94 0.00	16.42 -0.84 0.00	21.21 -0.73 0.00	34.64 -0.73 0.00	40.14 -1.25 0.00	37.90 -1.61 6.48	17.66 -0.53 10.37	22.11 -0.48 0.00	22.27 -0.38 0.00	23.46 -0.15 0.00	26.22 -0.38 0.00	27.43 -0.40 0.00	29.59 -0.70 0.00	39.50 -1.21 0.00	48.78 -1.87 0.00	20.34 -2.97 87.73	41.57 -1.97 4.13	44.76 -2.08 0.00	30.93 -1.67 0.00	24.73 -1.55 0.50	20.20 -1.35 0.08
KEDC_PORT_JEFF_GT2 24210	23.62 0.85 0.00	23.11 0.89 0.00	21.13 0.76 0.00	18.38 0.70 0.00	17.91 0.65 0.00	22.84 0.90 0.00	36.49 1.13 0.00	42.54 1.15 0.00	30.74 1.39 16.64	5.67 0.96 23.85	23.90 1.32 0.00	24.02 1.37 0.00	24.87 1.26 0.00	28.42 1.81 0.00	29.64 1.82 0.00	32.17 1.88 0.00	43.11 2.50 0.10	51.58 2.29 1.36	54.34 4.57 61.28	43.94 1.96 5.69	48.92 2.08 0.00	34.46 1.87 0.00	28.80 2.03 0.00	23.45 1.83 0.00
KEDC_PORT_JEFF_GT3 24211	23.62 0.85 0.00	23.11 0.89 0.00	21.13 0.76 0.00	18.38 0.70 0.00	17.91 0.65 0.00	22.84 0.90 0.00	36.49 1.13 0.00	42.54 1.15 0.00	30.74 1.39 16.64	5.67 0.96 23.85	23.90 1.32 0.00	24.02 1.37 0.00	24.87 1.26 0.00	28.42 1.81 0.00	29.64 1.82 0.00	32.17 1.88 0.00	43.11 2.50 0.10	51.58 2.29 1.36	54.34 4.57 61.28	43.94 1.96 5.69	48.92 2.08 0.00	34.46 1.87 0.00	28.80 2.03 0.00	23.45 1.83 0.00
KEDC_GLWD_GT4 24219	23.90 1.13 0.00	23.35 1.13 0.00	21.37 1.00 0.00	18.58 0.90 0.00	18.11 0.85 0.00	23.03 1.09 0.00	36.97 1.61 0.00	43.21 1.81 0.00	41.53 2.18 6.64	20.64 1.60 9.52	24.25 1.67 0.00	24.36 1.71 0.00	25.29 1.69 0.00	28.71 2.11 0.00	30.03 2.20 0.00	32.63 2.34 0.00	43.87 3.16 0.00	53.95 3.47 0.17	92.55 7.25 25.74	48.02 2.86 2.51	49.43 2.59 0.00	34.82 2.23 0.00	28.86 2.08 0.00	23.40 1.79 0.00
KEDC_GLWD_GT5 24220	23.90 1.13 0.00	23.35 1.13 0.00	21.37 1.00 0.00	18.58 0.90 0.00	18.11 0.85 0.00	23.03 1.09 0.00	36.97 1.61 0.00	43.21 1.81 0.00	41.53 2.18 6.64	20.64 1.60 9.52	24.25 1.67 0.00	24.36 1.71 0.00	25.29 1.69 0.00	28.71 2.11 0.00	30.03 2.20 0.00	32.63 2.34 0.00	43.87 3.16 0.00	53.95 3.47 0.17	92.55 7.25 25.74	48.02 2.86 2.51	49.43 2.59 0.00	34.82 2.23 0.00	28.86 2.08 0.00	23.40 1.79 0.00

KENSICO____ 23655	23.81 1.05 0.00	23.28 1.05 0.00	21.33 0.95 0.00	18.53 0.84 0.00	18.08 0.82 0.00	22.98 1.04 0.00	36.95 1.58 0.00	43.20 1.80 0.00	48.25 2.26 0.00	30.22 1.65 0.00	24.17 1.58 0.00	24.24 1.59 0.00	25.19 1.58 0.00	28.48 1.87 0.00	29.75 1.93 0.00	32.40 2.12 0.00	43.57 2.85 0.00	53.97 3.32 0.00	118.02 6.97 0.00	50.41 2.75 0.00	49.29 2.45 0.00	34.54 1.94 0.00	28.51 1.73 0.00	23.06 1.44 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.99 1.22 0.00	23.43 1.21 0.00	21.46 1.09 0.00	18.63 0.95 0.00	18.20 0.94 0.00	23.14 1.20 0.00	37.36 1.99 0.00	43.72 2.33 0.00	48.72 2.73 0.00	30.42 1.85 0.00	24.20 1.61 0.00	24.22 1.57 0.00	25.16 1.55 0.00	28.43 1.82 0.00	29.73 1.91 0.00	32.43 2.15 0.00	43.71 3.00 0.00	54.40 3.75 0.00	119.27 8.22 0.00	50.99 3.33 0.00	49.85 3.02 0.00	34.84 2.25 0.00	28.70 1.92 0.00	23.15 1.53 0.00
KIAC_JFK_GT1 23816	23.81 1.05 0.00	23.26 1.04 0.00	21.33 0.95 0.00	18.51 0.83 0.00	18.07 0.81 0.00	22.95 1.01 0.00	37.03 1.66 0.00	43.34 1.94 0.00	48.44 2.45 0.00	30.41 1.85 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.35 1.75 0.00	28.69 2.08 0.00	29.97 2.14 0.00	32.71 2.42 0.00	44.01 3.20 -0.08	55.31 3.79 -0.87	119.83 7.99 -0.79	50.84 3.17 0.00	49.62 2.78 0.00	34.73 2.13 0.00	28.63 1.85 0.00	23.18 1.56 0.00
KIAC_JFK_GT2 23817	23.81 1.05 0.00	23.26 1.04 0.00	21.33 0.95 0.00	18.51 0.83 0.00	18.07 0.81 0.00	22.95 1.01 0.00	37.03 1.66 0.00	43.34 1.94 0.00	48.44 2.45 0.00	30.41 1.85 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.35 1.75 0.00	28.69 2.08 0.00	29.97 2.14 0.00	32.71 2.42 0.00	44.01 3.20 -0.08	55.31 3.79 -0.87	119.83 7.99 -0.79	50.84 3.17 0.00	49.62 2.78 0.00	34.73 2.13 0.00	28.63 1.85 0.00	23.18 1.56 0.00
KIAC_JFK____ 323774	23.81 1.05 0.00	23.26 1.04 0.00	21.33 0.95 0.00	18.51 0.83 0.00	18.07 0.81 0.00	22.95 1.01 0.00	37.03 1.66 0.00	43.34 1.94 0.00	48.44 2.45 0.00	30.40 1.84 0.00	24.38 1.80 0.00	24.46 1.81 0.00	25.35 1.75 0.00	28.69 2.08 0.00	29.97 2.14 0.00	32.71 2.42 0.00	44.00 3.20 -0.08	55.30 3.78 -0.87	119.85 8.02 -0.79	50.85 3.18 0.00	49.62 2.78 0.00	34.73 2.13 0.00	28.63 1.85 0.00	23.19 1.56 0.00
KINTIGH____ 23543	21.94 -0.83 0.00	21.22 -1.01 0.00	19.25 -1.12 0.00	16.62 -1.07 0.00	16.26 -1.00 0.00	20.93 -1.01 0.00	34.09 -1.27 0.00	39.45 -1.95 0.00	36.21 -2.38 7.40	15.72 -1.01 11.83	21.70 -0.88 0.00	21.85 -0.80 0.00	23.02 -0.59 0.00	25.76 -0.85 0.00	26.92 -0.91 0.00	29.05 -1.24 0.00	38.80 -1.92 0.00	47.97 -2.68 0.00	45.33 -5.11 60.61	42.16 -2.66 2.86	44.11 -2.73 0.00	30.58 -2.02 0.00	24.76 -1.78 0.24	20.18 -1.40 0.04
KNTFSRNC_46_KV_46KV_LOAD 80397	23.87 1.10 0.00	23.34 1.11 0.00	21.37 0.99 0.00	18.56 0.88 0.00	18.07 0.81 0.00	22.81 0.87 0.00	36.93 1.57 0.00	43.06 1.67 0.00	47.35 1.36 0.00	29.26 0.69 0.00	23.05 0.46 0.00	23.07 0.42 0.00	24.06 0.45 0.00	27.11 0.51 0.00	28.41 0.59 0.00	31.00 0.71 0.00	41.22 0.50 0.00	51.50 0.85 0.00	113.06 2.01 0.00	49.26 1.59 0.00	48.79 1.96 0.00	33.93 1.34 0.00	27.78 1.00 0.00	22.32 0.70 0.00
LACHUTE____HYDRO 323717	24.78 2.01 0.00	24.19 1.97 0.00	22.16 1.78 0.00	19.23 1.54 0.00	18.70 1.44 0.00	24.18 2.24 0.00	39.36 4.00 0.00	46.36 4.96 0.00	50.48 4.49 0.00	30.49 1.92 0.00	24.09 1.51 0.00	24.18 1.54 0.00	25.11 1.50 0.00	28.05 1.45 0.00	29.44 1.62 0.00	32.27 1.99 0.00	44.58 3.87 0.00	56.13 5.48 0.00	123.38 12.34 0.00	52.93 5.26 0.00	52.04 5.20 0.00	35.66 3.06 0.00	29.54 2.76 0.00	23.90 2.28 0.00
LAWRNCV_115KV_TB1 80681	23.36 0.60 0.00	22.84 0.62 0.00	20.90 0.52 0.00	18.12 0.44 0.00	17.67 0.42 0.00	22.49 0.55 0.00	36.89 1.11 -0.41	43.19 1.32 -0.48	47.42 1.12 -0.30	29.05 0.49 0.00	22.93 0.35 0.00	22.95 0.31 0.00	24.02 0.41 0.00	27.06 0.45 0.00	28.29 0.47 0.00	30.74 0.45 0.00	41.01 0.30 0.00	51.06 0.41 0.00	112.70 1.66 0.00	48.90 1.23 0.00	48.38 1.54 0.00	33.64 1.05 0.00	27.50 0.73 0.00	22.08 0.45 0.00
LEDERLE____ 23769	23.75 0.98 0.00	23.21 0.99 0.00	21.26 0.89 0.00	18.46 0.77 0.00	18.02 0.76 0.00	22.91 0.97 0.00	36.91 1.55 0.00	43.17 1.77 0.00	48.13 2.14 0.00	30.12 1.56 0.00	24.03 1.44 0.00	24.09 1.44 0.00	25.04 1.44 0.00	28.32 1.71 0.00	29.60 1.78 0.00	32.24 1.95 0.00	43.33 2.61 0.00	53.74 3.09 0.00	117.69 6.65 0.00	50.26 2.59 0.00	49.04 2.21 0.00	34.37 1.78 0.00	28.40 1.62 0.00	22.94 1.32 0.00
LIGHTRSE_115KV_TB6 355974	22.24 -0.53 0.00	21.76 -0.47 0.00	19.95 -0.42 0.00	17.34 -0.34 0.00	16.97 -0.29 0.00	21.59 -0.35 0.00	38.15 -0.42 -3.21	44.48 -0.63 -3.71	49.70 -1.02 -4.73	32.48 -0.47 -4.38	22.05 -0.53 0.00	22.09 -0.57 0.00	23.01 -0.59 0.00	25.93 -0.67 0.00	27.45 -0.37 0.00	29.70 -0.59 0.00	40.10 -0.62 0.00	51.12 0.47 0.00	143.00 0.29 -31.67	48.68 -0.42 -1.42	46.29 -0.54 0.00	31.97 -0.62 0.00	26.27 -0.51 0.00	21.15 -0.48 0.00
LINDEN COGEN____ 23786	23.84 1.08 0.00	23.30 1.08 0.00	21.36 0.98 0.00	18.55 0.86 0.00	18.10 0.84 0.00	22.99 1.05 0.00	36.93 1.57 0.00	43.15 1.75 0.00	48.21 2.22 0.00	30.27 1.70 0.00	24.25 1.66 0.00	24.31 1.67 0.00	25.25 1.65 0.00	28.56 1.95 0.00	29.82 2.00 0.00	32.50 2.22 0.00	43.62 2.90 0.00	53.96 3.31 0.00	118.05 7.00 0.00	50.42 2.75 0.00	49.24 2.41 0.00	34.54 1.95 0.00	28.52 1.74 0.00	23.08 1.45 0.00
LINDHRST_69_KV_BK1 356055	23.95 1.19 0.00	23.41 1.19 0.00	21.40 1.03 0.00	18.61 0.92 0.00	18.13 0.87 0.00	23.07 1.13 0.00	36.98 1.62 0.00	43.23 1.83 0.00	33.69 2.22 14.52	9.31 1.55 20.81	24.26 1.68 0.00	24.34 1.69 0.00	25.25 1.65 0.00	28.76 2.15 0.00	30.05 2.23 0.00	32.64 2.35 0.00	43.83 3.20 0.08	52.87 3.37 1.15	63.42 7.07 54.70	45.45 2.93 5.15	49.60 2.77 0.00	34.94 2.34 0.00	29.03 2.25 0.00	23.59 1.97 0.00
LIPA_MISC_IPP 23656	23.49 0.72 0.00	22.98 0.76 0.00	21.01 0.64 0.00	18.28 0.60 0.00	17.81 0.55 0.00	22.81 0.87 0.00	36.65 1.29 0.00	42.74 1.35 0.00	30.85 1.56 16.70	5.50 0.87 23.94	23.75 1.16 0.00	23.83 1.18 0.00	24.68 1.07 0.00	28.42 1.81 0.00	29.73 1.91 0.00	32.28 1.99 0.00	43.35 2.74 0.11	51.96 2.68 1.36	54.63 5.05 61.46	44.20 2.24 5.71	49.19 2.35 0.00	34.54 1.95 0.00	28.82 2.04 0.00	23.47 1.85 0.00
LISF____SOLAR 323691	23.52 0.75 0.00	23.01 0.78 0.00	21.03 0.66 0.00	18.30 0.62 0.00	17.83 0.57 0.00	22.84 0.90 0.00	36.71 1.34 0.00	42.80 1.41 0.00	30.93 1.61 16.68	5.55 0.89 23.91	23.76 1.18 0.00	23.84 1.19 0.00	24.68 1.08 0.00	28.42 1.82 0.00	29.74 1.92 0.00	32.31 2.02 0.00	43.39 2.78 0.11	52.01 2.73 1.36	54.91 5.26 61.39	44.31 2.34 5.70	49.28 2.44 0.00	34.59 2.00 0.00	28.87 2.09 0.00	23.50 1.88 0.00

LITTLE FALLS___HYD 24013	22.69 -0.08 0.00	22.20 -0.03 0.00	20.40 0.02 0.00	17.74 0.05 0.00	17.33 0.07 0.00	22.11 0.17 0.00	35.67 0.31 0.00	41.76 0.36 0.00	46.04 0.04 0.00	28.10 -0.47 0.00	22.16 -0.42 0.00	22.25 -0.40 0.00	23.13 -0.48 0.00	26.11 -0.49 0.00	27.30 -0.52 0.00	29.95 -0.34 0.00	40.95 0.23 0.00	51.46 0.81 0.00	113.23 2.19 0.00	48.23 0.56 0.00	47.21 0.38 0.00	32.94 0.34 0.00	27.24 0.46 0.00	21.93 0.31 0.00
LITTLRIV_115KV_TB1 356100	23.68 0.91 0.00	23.14 0.92 0.00	21.16 0.79 0.00	18.34 0.65 0.00	17.91 0.65 0.00	22.81 0.88 0.00	37.50 1.69 -0.44	43.93 2.02 -0.51	48.10 1.79 -0.32	29.32 0.76 0.00	23.08 0.50 0.00	23.10 0.45 0.00	24.20 0.59 0.00	27.25 0.64 0.00	28.51 0.69 0.00	30.96 0.67 0.00	41.37 0.65 0.00	51.64 0.99 0.00	114.43 3.38 0.00	49.70 2.03 0.00	49.15 2.32 0.00	34.18 1.59 0.00	27.92 1.14 0.00	22.38 0.76 0.00
LI_NEWBRDGE___DRP 323616	23.72 0.95 0.00	23.20 0.97 0.00	21.23 0.86 0.00	18.46 0.77 0.00	17.99 0.73 0.00	22.86 0.92 0.00	36.66 1.30 0.00	42.84 1.44 0.00	29.59 1.78 18.18	3.88 1.37 26.06	24.06 1.48 0.00	24.15 1.50 0.00	25.06 1.46 0.00	28.45 1.85 0.00	29.73 1.91 0.00	32.30 2.01 0.00	43.29 2.71 0.14	51.90 2.92 1.67	50.91 5.99 66.13	43.92 2.32 6.08	48.92 2.09 0.00	34.51 1.92 0.00	28.62 1.85 0.00	23.24 1.62 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.91 -0.85 0.00	21.14 -1.09 0.00	19.13 -1.25 0.00	16.48 -1.20 0.00	16.13 -1.13 0.00	20.85 -1.09 0.00	34.01 -1.36 0.00	39.30 -2.10 0.00	36.50 -2.60 6.89	16.40 -1.14 11.03	21.63 -0.95 0.00	21.76 -0.89 0.00	22.97 -0.64 0.00	25.63 -0.97 0.00	26.77 -1.05 0.00	28.86 -1.43 0.00	38.50 -2.22 0.00	47.50 -3.15 0.00	33.82 -4.82 72.41	41.33 -2.93 3.41	43.79 -3.04 0.00	30.36 -2.23 0.00	24.48 -1.95 0.35	19.99 -1.57 0.06
LOCKPORT___CC1 323769	21.91 -0.86 0.00	21.14 -1.08 0.00	19.12 -1.25 0.00	16.48 -1.20 0.00	16.13 -1.13 0.00	20.84 -1.10 0.00	34.01 -1.36 0.00	39.29 -2.11 0.00	36.56 -2.56 6.87	16.48 -1.10 10.99	21.64 -0.94 0.00	21.77 -0.88 0.00	22.99 -0.62 0.00	25.66 -0.95 0.00	26.80 -1.02 0.00	28.89 -1.40 0.00	38.53 -2.18 0.00	47.53 -3.12 0.00	32.35 -5.03 73.67	41.20 -3.00 3.47	43.79 -3.05 0.00	30.34 -2.25 0.00	24.43 -1.97 0.38	19.96 -1.60 0.06
LOCKPORT___CC2 323770	21.91 -0.86 0.00	21.14 -1.08 0.00	19.12 -1.25 0.00	16.48 -1.20 0.00	16.13 -1.13 0.00	20.84 -1.10 0.00	34.01 -1.36 0.00	39.29 -2.11 0.00	36.56 -2.56 6.87	16.48 -1.10 10.99	21.64 -0.94 0.00	21.77 -0.88 0.00	22.99 -0.62 0.00	25.66 -0.95 0.00	26.80 -1.02 0.00	28.89 -1.40 0.00	38.53 -2.18 0.00	47.53 -3.12 0.00	32.35 -5.03 73.67	41.20 -3.00 3.47	43.79 -3.05 0.00	30.34 -2.25 0.00	24.43 -1.97 0.38	19.96 -1.60 0.06
LOCKPORT___CC3 323771	21.91 -0.86 0.00	21.14 -1.08 0.00	19.12 -1.25 0.00	16.48 -1.20 0.00	16.13 -1.13 0.00	20.84 -1.10 0.00	34.01 -1.36 0.00	39.29 -2.11 0.00	36.56 -2.56 6.87	16.48 -1.10 10.99	21.64 -0.94 0.00	21.77 -0.88 0.00	22.99 -0.62 0.00	25.66 -0.95 0.00	26.80 -1.02 0.00	28.89 -1.40 0.00	38.53 -2.18 0.00	47.53 -3.12 0.00	32.35 -5.03 73.67	41.20 -3.00 3.47	43.79 -3.05 0.00	30.34 -2.25 0.00	24.43 -1.97 0.38	19.96 -1.60 0.06
LONG_LAKE_PHOENIX 24014	22.15 -0.62 0.00	21.59 -0.64 0.00	19.80 -0.58 0.00	17.19 -0.50 0.00	16.78 -0.48 0.00	21.33 -0.61 0.00	38.83 -0.98 -4.45	45.13 -1.42 -5.15	52.24 -1.78 -8.03	36.37 -0.74 -8.55	21.86 -0.72 0.00	21.93 -0.72 0.00	22.84 -0.76 0.00	25.73 -0.88 0.00	27.43 -0.39 0.00	29.49 -0.79 0.00	39.67 -1.05 0.00	50.95 0.30 0.00	142.64 -1.48 -33.07	47.80 -1.32 -1.46	45.43 -1.40 0.00	31.58 -1.02 0.00	25.91 -0.87 0.00	20.94 -0.68 0.00
LOVETT___3 23632	23.63 0.86 0.00	23.10 0.88 0.00	21.16 0.79 0.00	18.38 0.69 0.00	17.94 0.68 0.00	22.80 0.86 0.00	36.71 1.35 0.00	42.92 1.52 0.00	47.86 1.87 0.00	29.95 1.38 0.00	23.89 1.30 0.00	23.94 1.29 0.00	24.89 1.28 0.00	28.14 1.54 0.00	29.39 1.57 0.00	32.01 1.72 0.00	43.01 2.29 0.00	53.33 2.68 0.00	116.83 5.78 0.00	49.89 2.22 0.00	48.70 1.87 0.00	34.15 1.55 0.00	28.23 1.45 0.00	22.82 1.20 0.00
LOVETT___4 23642	23.63 0.86 0.00	23.10 0.88 0.00	21.16 0.79 0.00	18.38 0.69 0.00	17.94 0.68 0.00	22.80 0.86 0.00	36.71 1.35 0.00	42.92 1.52 0.00	47.86 1.87 0.00	29.95 1.38 0.00	23.89 1.30 0.00	23.94 1.29 0.00	24.89 1.28 0.00	28.14 1.54 0.00	29.39 1.57 0.00	32.01 1.72 0.00	43.01 2.29 0.00	53.33 2.68 0.00	116.83 5.78 0.00	49.89 2.22 0.00	48.70 1.87 0.00	34.15 1.55 0.00	28.23 1.45 0.00	22.82 1.20 0.00
LOVETT___5 23593	23.63 0.86 0.00	23.10 0.88 0.00	21.16 0.79 0.00	18.38 0.69 0.00	17.94 0.68 0.00	22.80 0.86 0.00	36.71 1.35 0.00	42.92 1.52 0.00	47.86 1.87 0.00	29.95 1.38 0.00	23.89 1.30 0.00	23.94 1.29 0.00	24.89 1.28 0.00	28.14 1.54 0.00	29.39 1.57 0.00	32.01 1.72 0.00	43.01 2.29 0.00	53.33 2.68 0.00	116.83 5.78 0.00	49.89 2.22 0.00	48.70 1.87 0.00	34.15 1.55 0.00	28.23 1.45 0.00	22.82 1.20 0.00
LOWER RAQUET___HYD 24057	23.38 0.62 0.00	22.86 0.64 0.00	20.92 0.55 0.00	18.14 0.46 0.00	17.70 0.44 0.00	22.54 0.60 0.00	37.03 1.20 -0.47	43.37 1.43 -0.54	47.55 1.22 -0.34	29.08 0.52 0.00	22.95 0.36 0.00	22.97 0.32 0.00	24.03 0.43 0.00	27.06 0.46 0.00	28.31 0.49 0.00	30.76 0.48 0.00	41.07 0.35 0.00	51.16 0.51 0.00	113.02 1.97 0.00	49.03 1.37 0.00	48.48 1.65 0.00	33.71 1.11 0.00	27.55 0.77 0.00	22.11 0.48 0.00
LOWER___HUDSON 24059	23.51 0.75 0.00	22.96 0.73 0.00	21.07 0.70 0.00	18.32 0.64 0.00	17.87 0.61 0.00	22.75 0.81 0.00	36.51 1.15 0.00	42.66 1.26 0.00	47.39 1.40 0.00	29.39 0.82 0.00	23.33 0.75 0.00	23.36 0.72 0.00	24.31 0.70 0.00	27.41 0.80 0.00	28.65 0.82 0.00	31.23 0.94 0.00	42.28 1.57 0.00	52.81 2.16 0.00	115.59 4.54 0.00	49.41 1.75 0.00	48.62 1.78 0.00	33.81 1.21 0.00	27.91 1.13 0.00	22.59 0.97 0.00
LOWVILLE_115KV_TB2 356335	22.67 -0.10 0.00	22.31 0.08 0.00	20.51 0.13 0.00	17.86 0.17 0.00	17.52 0.26 0.00	22.39 0.44 0.00	37.64 1.27 -1.01	44.11 1.54 -1.17	47.95 1.25 -0.71	29.01 0.44 0.00	22.78 0.20 0.00	22.82 0.17 0.00	23.79 0.18 0.00	26.81 0.20 0.00	28.13 0.31 0.00	30.64 0.35 0.00	41.31 0.60 0.00	52.36 1.71 0.00	150.96 4.80 -35.12	51.06 1.80 -1.59	48.31 1.47 0.00	33.12 0.52 0.00	27.27 0.49 0.00	21.82 0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.76 0.99 0.00	23.19 0.97 0.00	21.28 0.91 0.00	18.49 0.81 0.00	18.05 0.79 0.00	23.01 1.07 0.00	37.09 1.73 0.00	43.36 1.96 0.00	48.00 2.00 0.00	29.69 1.12 0.00	23.50 0.92 0.00	23.54 0.90 0.00	24.49 0.88 0.00	27.61 1.00 0.00	28.90 1.07 0.00	31.57 1.28 0.00	42.86 2.14 0.00	53.57 2.92 0.00	117.28 6.24 0.00	50.15 2.48 0.00	49.25 2.41 0.00	34.24 1.65 0.00	28.22 1.44 0.00	22.84 1.22 0.00

LUTHERNY_35_KV_BK2 355980	23.77 1.01 0.00	23.20 0.98 0.00	21.29 0.92 0.00	18.50 0.82 0.00	18.06 0.80 0.00	23.02 1.08 0.00	37.11 1.75 0.00	43.38 1.98 0.00	48.03 2.04 0.00	29.70 1.14 0.00	23.51 0.93 0.00	23.55 0.90 0.00	24.51 0.90 0.00	27.62 1.01 0.00	28.91 1.09 0.00	31.58 1.29 0.00	42.87 2.16 0.00	53.61 2.96 0.00	117.38 6.33 0.00	50.18 2.52 0.00	49.29 2.45 0.00	34.26 1.67 0.00	28.24 1.46 0.00	22.85 1.23 0.00
LWR___OSWEGATCHIE_HYD 23850	23.02 0.25 0.00	22.57 0.35 0.00	20.69 0.32 0.00	17.98 0.29 0.00	17.59 0.33 0.00	22.43 0.49 0.00	37.44 1.20 -0.87	43.86 1.45 -1.01	47.76 1.17 -0.60	28.97 0.41 0.00	22.79 0.20 0.00	22.80 0.16 0.00	23.83 0.22 0.00	26.84 0.24 0.00	28.14 0.31 0.00	30.62 0.32 0.00	41.11 0.40 0.00	51.73 1.08 0.00	114.31 3.27 0.00	49.18 1.51 0.00	48.34 1.51 0.00	33.40 0.80 0.00	27.37 0.59 0.00	21.93 0.31 0.00
LYONS_FALL_HYD 23570	22.86 0.09 0.00	22.42 0.19 0.00	20.59 0.21 0.00	17.91 0.23 0.00	17.54 0.28 0.00	22.40 0.46 0.00	37.26 1.13 -0.76	43.61 1.33 -0.88	47.70 1.13 -0.58	29.05 0.49 0.00	22.85 0.26 0.00	22.91 0.26 0.00	23.87 0.26 0.00	26.89 0.29 0.00	28.18 0.36 0.00	30.71 0.42 0.00	41.45 0.73 0.00	52.24 1.58 0.00	154.77 4.24 -39.48	51.07 1.60 -1.79	48.19 1.36 0.00	33.20 0.61 0.00	27.30 0.52 0.00	21.91 0.29 0.00
MADISON___COUNTY_LFGE 323628	23.10 0.33 0.00	22.54 0.31 0.00	20.65 0.28 0.00	17.94 0.25 0.00	17.54 0.28 0.00	22.41 0.47 0.00	37.19 0.96 -0.87	43.42 1.02 -1.01	46.26 0.90 0.63	27.00 0.51 2.08	22.83 0.25 0.00	22.91 0.26 0.00	23.87 0.26 0.00	26.89 0.28 0.00	28.14 0.32 0.00	30.68 0.39 0.00	41.51 0.80 0.00	52.08 1.43 0.00	205.38 3.89 -90.44	53.14 1.36 -4.12	48.01 1.17 0.00	33.26 0.66 0.00	27.28 0.51 0.00	21.97 0.35 0.00
MALONE___115KV_TB1 356076	23.45 0.68 0.00	22.97 0.74 0.00	21.04 0.66 0.00	18.27 0.59 0.00	17.81 0.55 0.00	22.62 0.68 0.00	36.65 1.28 0.00	42.89 1.49 0.00	47.53 1.33 -0.20	29.22 0.65 0.00	23.04 0.46 0.00	23.05 0.40 0.00	24.10 0.49 0.00	27.14 0.53 0.00	28.39 0.57 0.00	30.90 0.62 0.00	41.23 0.52 0.00	51.37 0.72 0.00	113.06 2.01 0.00	49.17 1.50 0.00	48.57 1.74 0.00	33.72 1.12 0.00	27.49 0.71 0.00	22.07 0.44 0.00
MAPLEWOD_115KV_TB3 80458	23.40 0.63 0.00	22.85 0.63 0.00	20.98 0.61 0.00	18.24 0.56 0.00	17.80 0.54 0.00	22.67 0.73 0.00	36.37 1.01 0.00	42.50 1.10 0.00	47.30 1.31 0.00	29.35 0.78 0.00	23.32 0.73 0.00	23.34 0.69 0.00	24.26 0.66 0.00	27.37 0.77 0.00	28.61 0.79 0.00	31.21 0.92 0.00	42.26 1.54 0.00	52.81 2.16 0.00	115.57 4.53 0.00	49.35 1.68 0.00	48.50 1.67 0.00	33.73 1.14 0.00	27.84 1.06 0.00	22.54 0.92 0.00
MAPLE_RIDGE_WT_1 323574	22.55 -0.21 0.00	22.12 -0.11 0.00	20.30 -0.07 0.00	17.65 -0.03 0.00	17.22 -0.04 0.00	21.89 -0.04 0.00	35.45 0.09 0.00	41.42 0.02 0.00	45.77 -0.22 0.00	28.41 -0.15 0.00	22.57 -0.01 0.00	22.64 -0.01 0.00	23.62 0.02 0.00	26.63 0.03 0.00	27.85 0.03 0.00	30.29 0.00 0.00	40.50 -0.21 0.00	50.36 -0.29 0.00	110.77 -0.27 0.00	47.65 -0.01 0.00	46.63 -0.20 0.00	32.19 -0.40 0.00	26.28 -0.50 0.00	11.15 -0.67 9.81
MAPLE_RIDGE_WT_2 323611	22.55 -0.21 0.00	22.12 -0.11 0.00	20.30 -0.07 0.00	17.65 -0.03 0.00	17.22 -0.04 0.00	21.89 -0.04 0.00	35.45 0.09 0.00	41.42 0.02 0.00	45.77 -0.22 0.00	28.41 -0.15 0.00	22.57 -0.01 0.00	22.64 -0.01 0.00	23.62 0.02 0.00	26.63 0.03 0.00	27.85 0.03 0.00	30.29 0.00 0.00	40.50 -0.21 0.00	50.36 -0.29 0.00	110.77 -0.27 0.00	47.65 -0.01 0.00	46.63 -0.20 0.00	32.19 -0.40 0.00	26.28 -0.50 0.00	11.15 -0.67 9.81
MARBLE_RIVER_WT_PWR 323696	23.36 0.60 0.00	22.90 0.67 0.00	20.98 0.61 0.00	18.23 0.54 0.00	17.76 0.50 0.00	22.49 0.55 0.00	36.36 1.00 0.00	42.45 1.05 0.00	46.79 0.80 0.00	28.96 0.39 0.00	22.86 0.28 0.00	22.89 0.24 0.00	23.88 0.27 0.00	26.91 0.31 0.00	28.17 0.35 0.00	30.69 0.40 0.00	40.87 0.16 0.00	50.90 0.25 0.00	111.74 0.69 0.00	48.56 0.89 0.00	48.00 1.17 0.00	33.38 0.79 0.00	27.29 0.51 0.00	21.93 0.31 0.00
MARSHVLE_115KV_TB1 80742	24.12 1.35 0.00	23.50 1.28 0.00	21.57 1.20 0.00	18.72 1.03 0.00	18.29 1.03 0.00	23.25 1.31 0.00	37.74 2.38 0.00	44.19 2.79 0.00	48.49 2.49 0.00	29.78 1.21 0.00	23.40 0.81 0.00	23.48 0.83 0.00	24.56 0.96 0.00	27.79 1.18 0.00	29.13 1.31 0.00	31.74 1.44 0.00	42.81 2.09 0.00	53.76 3.11 0.00	118.53 7.48 0.00	50.77 3.10 0.00	49.72 2.89 0.00	34.57 1.97 0.00	28.37 1.59 0.00	22.80 1.18 0.00
MARSH_HILL_WT_PWR 323713	21.99 -0.77 0.00	21.39 -0.84 0.00	19.43 -0.94 0.00	16.82 -0.87 0.00	16.56 -0.71 0.00	21.35 -0.59 0.00	35.22 -0.14 0.00	41.23 -0.17 0.00	41.07 -0.40 4.52	20.79 -0.04 7.73	22.42 -0.17 0.00	22.63 -0.02 0.00	23.56 -0.05 0.00	26.39 -0.22 0.00	27.70 -0.13 0.00	29.94 -0.35 0.00	40.33 -0.38 0.00	50.29 -0.36 0.00	-114.01 0.55 225.60	36.47 -0.65 10.54	45.47 -1.37 0.00	31.17 -1.42 0.00	26.90 -1.44 -1.57	20.34 -1.53 -0.25
MCINTYRE_115KV_TB2 80467	23.80 1.04 0.00	23.27 1.04 0.00	21.27 0.90 0.00	18.43 0.74 0.00	17.99 0.73 0.00	22.93 0.99 0.00	37.65 1.89 -0.40	44.12 2.26 -0.46	48.27 1.99 -0.29	29.36 0.79 0.00	23.09 0.50 0.00	23.11 0.46 0.00	24.21 0.60 0.00	27.27 0.66 0.00	28.51 0.69 0.00	30.96 0.67 0.00	41.40 0.68 0.00	51.69 1.04 0.00	114.94 3.90 0.00	49.94 2.27 0.00	49.43 2.59 0.00	34.38 1.78 0.00	28.06 1.28 0.00	22.50 0.88 0.00
MECO_____69_KV_BK1 80468	24.22 1.46 0.00	23.61 1.39 0.00	21.66 1.29 0.00	18.80 1.12 0.00	18.38 1.12 0.00	23.41 1.47 0.00	37.99 2.62 0.00	44.51 3.11 0.00	48.77 2.78 0.00	29.69 1.12 0.00	23.21 0.62 0.00	23.21 0.56 0.00	24.20 0.59 0.00	27.35 0.75 0.00	28.64 0.81 0.00	31.30 1.01 0.00	42.72 2.01 0.00	54.26 3.61 0.00	120.00 8.95 0.00	51.38 3.71 0.00	50.33 3.49 0.00	34.93 2.33 0.00	28.66 1.88 0.00	23.06 1.44 0.00
MENANDS___115KV_TB5 355628	23.29 0.52 0.00	22.75 0.53 0.00	20.89 0.51 0.00	18.17 0.49 0.00	17.72 0.46 0.00	22.56 0.62 0.00	36.16 0.79 0.00	42.23 0.83 0.00	47.03 1.04 0.00	29.20 0.63 0.00	23.22 0.64 0.00	23.26 0.61 0.00	24.18 0.57 0.00	27.28 0.68 0.00	28.51 0.68 0.00	31.07 0.78 0.00	42.04 1.32 0.00	52.49 1.84 0.00	114.84 3.80 0.00	49.04 1.37 0.00	48.22 1.39 0.00	33.54 0.94 0.00	27.69 0.91 0.00	22.43 0.81 0.00
MG INDUSTRY___DRP 24185	23.34 0.57 0.00	22.81 0.58 0.00	20.95 0.58 0.00	18.21 0.53 0.00	17.77 0.51 0.00	22.61 0.67 0.00	36.28 0.91 0.00	42.33 0.93 0.00	46.98 0.99 0.00	29.11 0.54 0.00	23.08 0.50 0.00	23.12 0.48 0.00	24.06 0.46 0.00	27.14 0.53 0.00	28.35 0.53 0.00	30.91 0.62 0.00	41.90 1.18 0.00	52.41 1.76 0.00	114.70 3.66 0.00	49.05 1.38 0.00	48.24 1.41 0.00	33.57 0.98 0.00	27.72 0.94 0.00	22.44 0.82 0.00

MID___OSWEGATCHIE_HYD 23849	23.02 0.25 0.00	22.57 0.35 0.00	20.69 0.32 0.00	17.98 0.29 0.00	17.59 0.33 0.00	22.43 0.49 0.00	37.44 1.20 -0.87	43.86 1.45 -1.01	47.76 1.17 -0.60	28.97 0.41 0.00	22.79 0.20 0.00	22.80 0.16 0.00	23.83 0.22 0.00	26.84 0.24 0.00	28.14 0.31 0.00	30.62 0.32 0.00	41.11 0.40 0.00	51.73 1.08 0.00	114.31 3.27 0.00	49.18 1.51 0.00	48.34 1.51 0.00	33.40 0.80 0.00	27.37 0.59 0.00	21.93 0.31 0.00
MID___RAQUETTE_HYD 23851	23.38 0.61 0.00	22.86 0.64 0.00	20.92 0.55 0.00	18.14 0.46 0.00	17.70 0.44 0.00	22.54 0.60 0.00	37.03 1.20 -0.47	43.37 1.43 -0.54	47.55 1.23 -0.34	29.09 0.52 0.00	22.95 0.36 0.00	22.97 0.32 0.00	24.03 0.43 0.00	27.06 0.46 0.00	28.31 0.49 0.00	30.77 0.48 0.00	41.07 0.35 0.00	51.16 0.51 0.00	113.01 1.97 0.00	49.03 1.36 0.00	48.48 1.65 0.00	33.71 1.11 0.00	27.55 0.77 0.00	22.10 0.48 0.00
MILLIKEN___1 23584	22.74 -0.03 0.00	22.14 -0.08 0.00	20.26 -0.11 0.00	17.58 -0.11 0.00	17.19 -0.07 0.00	21.90 -0.04 0.00	37.00 0.13 -1.51	43.10 -0.04 -1.74	45.10 -0.32 0.57	25.90 -0.07 2.60	22.31 -0.28 0.00	22.34 -0.32 0.00	23.27 -0.34 0.00	26.20 -0.41 0.00	27.43 -0.39 0.00	29.92 -0.37 0.00	40.53 -0.18 0.00	51.09 0.44 0.00	1349.73 3.20 -1235.49	104.31 0.69 -55.95	47.25 0.41 0.00	32.67 0.07 0.00	26.87 -0.08 -0.16	21.53 -0.12 -0.03
MILLIKEN___2 23585	22.74 -0.03 0.00	22.14 -0.08 0.00	20.26 -0.11 0.00	17.58 -0.11 0.00	17.19 -0.07 0.00	21.90 -0.04 0.00	37.00 0.13 -1.51	43.10 -0.04 -1.74	45.10 -0.32 0.57	25.90 -0.07 2.60	22.31 -0.28 0.00	22.34 -0.32 0.00	23.27 -0.34 0.00	26.20 -0.41 0.00	27.43 -0.39 0.00	29.92 -0.37 0.00	40.53 -0.18 0.00	51.09 0.44 0.00	1349.73 3.20 -1235.49	104.31 0.69 -55.95	47.25 0.41 0.00	32.67 0.07 0.00	26.87 -0.08 -0.16	21.53 -0.12 -0.03
MILLIKEN___DIESEL 23629	22.74 -0.03 0.00	22.14 -0.08 0.00	20.26 -0.11 0.00	17.58 -0.11 0.00	17.19 -0.07 0.00	21.90 -0.04 0.00	37.00 0.13 -1.51	43.10 -0.04 -1.74	45.10 -0.32 0.57	25.90 -0.07 2.60	22.31 -0.28 0.00	22.34 -0.32 0.00	23.27 -0.34 0.00	26.20 -0.41 0.00	27.43 -0.39 0.00	29.92 -0.37 0.00	40.53 -0.18 0.00	51.09 0.44 0.00	1349.73 3.20 -1235.49	104.31 0.69 -55.95	47.25 0.41 0.00	32.67 0.07 0.00	26.87 -0.08 -0.16	21.53 -0.12 -0.03
MILLSEAT___LFGE 323607	22.29 -0.47 0.00	21.52 -0.71 0.00	19.49 -0.89 0.00	16.81 -0.88 0.00	16.45 -0.81 0.00	21.25 -0.69 0.00	34.73 -0.64 0.00	40.21 -1.19 0.00	37.42 -1.59 6.98	16.80 -0.60 11.17	21.96 -0.62 0.00	22.06 -0.59 0.00	23.26 -0.35 0.00	25.99 -0.62 0.00	27.15 -0.67 0.00	29.32 -0.97 0.00	39.28 -1.44 0.00	48.78 -1.88 0.00	40.85 -2.28 67.92	42.71 -1.75 3.21	44.96 -1.88 0.00	31.12 -1.48 0.00	25.13 -1.36 0.30	20.44 -1.14 0.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.78 1.01 0.00	23.24 1.02 0.00	21.30 0.92 0.00	18.50 0.82 0.00	18.06 0.80 0.00	22.94 1.01 0.00	36.90 1.53 0.00	43.14 1.74 0.00	48.17 2.18 0.00	30.17 1.60 0.00	24.11 1.53 0.00	24.18 1.53 0.00	25.13 1.53 0.00	28.41 1.80 0.00	29.68 1.85 0.00	32.32 2.03 0.00	43.46 2.75 0.00	53.87 3.22 0.00	117.82 6.78 0.00	50.32 2.65 0.00	49.21 2.38 0.00	34.48 1.89 0.00	28.45 1.68 0.00	23.01 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	23.81 1.04 0.00	23.27 1.04 0.00	21.32 0.95 0.00	18.52 0.84 0.00	18.08 0.82 0.00	22.97 1.03 0.00	36.95 1.59 0.00	43.21 1.81 0.00	48.24 2.25 0.00	30.22 1.65 0.00	24.15 1.56 0.00	24.22 1.57 0.00	25.17 1.56 0.00	28.46 1.86 0.00	29.73 1.91 0.00	32.38 2.09 0.00	43.55 2.83 0.00	53.97 3.32 0.00	118.05 7.00 0.00	50.42 2.75 0.00	49.30 2.46 0.00	34.53 1.93 0.00	28.50 1.72 0.00	23.04 1.42 0.00
MODEL_CITY_ENERGY 24167	21.68 -1.08 0.00	20.91 -1.31 0.00	18.92 -1.46 0.00	16.31 -1.38 0.00	15.95 -1.31 0.00	20.61 -1.32 0.00	33.61 -1.75 0.00	38.80 -2.60 0.00	36.02 -3.13 6.85	16.17 -1.45 10.95	21.39 -1.19 0.00	21.52 -1.13 0.00	22.72 -0.88 0.00	25.35 -1.25 0.00	26.48 -1.35 0.00	28.53 -1.76 0.00	38.03 -2.68 0.00	46.86 -3.79 0.00	30.34 -6.02 74.68	40.57 -3.58 3.52	43.22 -3.62 0.00	29.99 -2.61 0.00	24.18 -2.23 0.37	19.76 -1.80 0.06
MODERN_LFGE___ 323580	21.68 -1.08 0.00	20.91 -1.31 0.00	18.92 -1.46 0.00	16.31 -1.38 0.00	15.95 -1.31 0.00	20.61 -1.32 0.00	33.61 -1.75 0.00	38.80 -2.60 0.00	36.02 -3.13 6.85	16.17 -1.45 10.95	21.39 -1.19 0.00	21.52 -1.13 0.00	22.72 -0.88 0.00	25.35 -1.25 0.00	26.48 -1.35 0.00	28.53 -1.76 0.00	38.03 -2.68 0.00	46.86 -3.79 0.00	30.34 -6.02 74.68	40.57 -3.58 3.52	43.22 -3.62 0.00	29.99 -2.61 0.00	24.18 -2.23 0.37	19.76 -1.80 0.06
MOHAWK_PAPER___DRP 24187	23.40 0.63 0.00	22.85 0.63 0.00	20.98 0.61 0.00	18.24 0.56 0.00	17.80 0.54 0.00	22.67 0.73 0.00	36.37 1.01 0.00	42.50 1.10 0.00	47.30 1.31 0.00	29.35 0.78 0.00	23.32 0.73 0.00	23.34 0.69 0.00	24.26 0.66 0.00	27.37 0.77 0.00	28.61 0.79 0.00	31.21 0.92 0.00	42.26 1.54 0.00	52.81 2.16 0.00	115.57 4.53 0.00	49.35 1.68 0.00	48.50 1.67 0.00	33.73 1.14 0.00	27.84 1.06 0.00	22.54 0.92 0.00
MOHICAN___35_KV_115KV_LD 80490	23.84 1.07 0.00	23.27 1.04 0.00	21.33 0.96 0.00	18.53 0.85 0.00	18.07 0.81 0.00	23.14 1.20 0.00	37.39 2.03 0.00	43.81 2.41 0.00	48.32 2.33 0.00	29.72 1.16 0.00	23.50 0.92 0.00	23.56 0.91 0.00	24.49 0.89 0.00	27.56 0.96 0.00	28.87 1.04 0.00	31.57 1.29 0.00	43.07 2.36 0.00	53.81 3.16 0.00	117.90 6.86 0.00	50.41 2.74 0.00	49.47 2.63 0.00	34.36 1.76 0.00	28.35 1.57 0.00	22.97 1.35 0.00
MONGAUP___HYD 23641	23.86 1.09 0.00	23.29 1.07 0.00	21.34 0.96 0.00	18.52 0.84 0.00	18.09 0.83 0.00	23.03 1.09 0.00	37.16 1.79 0.00	43.48 2.08 0.00	48.39 2.40 0.00	30.01 1.44 0.00	23.76 1.17 0.00	23.77 1.12 0.00	24.70 1.09 0.00	27.90 1.30 0.00	29.19 1.37 0.00	31.85 1.56 0.00	42.87 2.15 0.00	53.41 2.76 0.00	118.22 7.18 0.00	50.59 2.92 0.00	49.48 2.64 0.00	34.59 2.00 0.00	28.50 1.72 0.00	22.99 1.38 0.00
MONTAUK___DIESEL 23721	24.00 1.24 0.00	23.47 1.24 0.00	21.44 1.07 0.00	18.66 0.97 0.00	18.19 0.93 0.00	23.38 1.44 0.00	37.72 2.36 0.00	44.02 2.62 0.00	32.19 2.89 16.69	6.22 1.58 23.93	24.29 1.71 0.00	24.36 1.71 0.00	25.26 1.65 0.00	29.16 2.55 0.00	30.56 2.74 0.00	33.25 2.96 0.00	44.70 4.09 0.11	53.70 4.41 1.36	58.33 8.73 61.44	45.79 3.83 5.71	50.76 3.93 0.00	35.54 2.95 0.00	29.60 2.82 0.00	24.05 2.43 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.25 -0.52 0.00	21.68 -0.54 0.00	19.72 -0.66 0.00	17.03 -0.65 0.00	16.73 -0.53 0.00	21.66 -0.28 0.00	35.48 0.11 0.00	41.34 -0.06 0.00	39.37 -0.39 6.23	18.73 0.14 9.97	22.85 0.27 0.00	23.06 0.41 0.00	24.21 0.60 0.00	27.07 0.46 0.00	28.38 0.55 0.00	30.49 0.20 0.00	40.64 -0.08 0.00	50.25 -0.40 0.00	13.38 -0.08 97.58	41.84 -1.24 4.58	45.01 -1.83 0.00	30.77 -1.82 0.00	24.61 -1.80 0.37	19.83 -1.73 0.06

MORRIS_RIDGE___SOLAR 323848	22.07 -0.69 0.00	21.41 -0.81 0.00	19.47 -0.90 0.00	16.81 -0.87 0.00	16.50 -0.76 0.00	21.28 -0.66 0.00	34.91 -0.45 0.00	40.68 -0.72 0.00	39.75 -1.11 5.14	19.55 -0.43 8.59	22.14 -0.45 0.00	22.36 -0.29 0.00	23.39 -0.22 0.00	26.21 -0.40 0.00	27.51 -0.31 0.00	29.73 -0.56 0.00	39.91 -0.81 0.00	49.58 -1.07 0.00	-30.71 -1.34 140.41	39.92 -1.16 6.58	45.33 -1.51 0.00	31.10 -1.50 0.00	23.09 -1.42 2.27	19.83 -1.43 0.36
MORTIMER_115KV_TB3 55949	22.28 -0.49 0.00	21.59 -0.64 0.00	19.64 -0.74 0.00	16.99 -0.70 0.00	16.61 -0.65 0.00	21.31 -0.63 0.00	34.65 -0.72 0.00	40.22 -1.18 0.00	37.09 -1.54 7.37	16.20 -0.58 11.79	22.01 -0.57 0.00	22.14 -0.51 0.00	23.26 -0.34 0.00	26.11 -0.49 0.00	27.30 -0.53 0.00	29.56 -0.73 0.00	39.67 -1.04 0.00	49.35 -1.30 0.00	59.26 -2.46 49.32	43.93 -1.39 2.35	45.32 -1.51 0.00	31.41 -1.19 0.00	25.66 -1.12 0.00	20.73 -0.89 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.93 1.17 0.00	23.38 1.16 0.00	21.43 1.06 0.00	18.61 0.92 0.00	18.16 0.91 0.00	23.08 1.14 0.00	37.09 1.73 0.00	43.35 1.95 0.00	48.45 2.46 0.00	30.41 1.84 0.00	24.34 1.76 0.00	24.42 1.77 0.00	25.37 1.76 0.00	28.68 2.08 0.00	29.97 2.14 0.00	32.64 2.35 0.00	43.82 3.11 0.00	54.26 3.61 0.00	118.60 7.55 0.00	50.66 2.99 0.00	49.53 2.69 0.00	34.72 2.12 0.00	28.64 1.86 0.00	23.17 1.55 0.00
MUNSVILLE_WIND_PWR 323609	24.12 1.35 0.00	23.56 1.34 0.00	21.48 1.11 0.00	18.65 0.96 0.00	18.31 1.05 0.00	23.49 1.55 0.00	39.09 3.07 -0.66	45.77 3.60 -0.77	47.94 3.30 1.35	27.37 1.85 3.05	23.76 1.18 0.00	23.86 1.21 0.00	24.85 1.25 0.00	27.91 1.31 0.00	29.20 1.37 0.00	31.88 1.59 0.00	43.42 2.71 0.00	54.92 4.27 0.00	647.77 10.70 -526.03	75.29 3.87 -23.75	50.22 3.38 0.00	34.39 1.80 0.00	28.03 1.15 -0.10	22.29 0.66 -0.02
N SALMON___HYD 24042	23.45 0.68 0.00	22.97 0.74 0.00	21.04 0.66 0.00	18.27 0.58 0.00	17.81 0.55 0.00	22.62 0.68 0.00	36.65 1.29 0.00	42.89 1.49 0.00	47.51 1.31 -0.20	29.22 0.65 0.00	23.04 0.46 0.00	23.05 0.40 0.00	24.10 0.49 0.00	27.14 0.53 0.00	28.39 0.57 0.00	30.90 0.61 0.00	41.23 0.52 0.00	51.37 0.72 0.00	113.10 2.06 0.00	49.17 1.49 0.00	48.57 1.73 0.00	33.72 1.12 0.00	27.49 0.71 0.00	22.07 0.45 0.00
N.AKRON__115KV_KNAPP 355671	22.20 -0.57 0.00	21.42 -0.80 0.00	19.39 -0.98 0.00	16.73 -0.96 0.00	16.37 -0.89 0.00	21.15 -0.79 0.00	34.54 -0.83 0.00	39.98 -1.41 0.00	37.19 -1.85 6.95	16.72 -0.73 11.11	21.91 -0.68 0.00	22.02 -0.63 0.00	23.22 -0.38 0.00	25.94 -0.66 0.00	27.10 -0.73 0.00	29.25 -1.04 0.00	39.11 -1.60 0.00	48.43 -2.21 0.00	38.45 -2.90 69.69	42.34 -2.04 3.29	44.64 -2.19 0.00	30.91 -1.68 0.00	24.94 -1.52 0.32	20.33 -1.24 0.05
N.BELMOR_69_KV_BK1 55787	23.85 1.09 0.00	23.31 1.08 0.00	21.32 0.95 0.00	18.54 0.85 0.00	18.07 0.81 0.00	22.97 1.03 0.00	36.87 1.50 0.00	43.08 1.68 0.00	38.29 2.03 9.73	16.12 1.51 13.95	24.18 1.60 0.00	24.27 1.62 0.00	25.20 1.60 0.00	28.61 2.01 0.00	29.91 2.08 0.00	32.48 2.19 0.00	43.70 2.98 0.00	53.60 3.26 0.30	78.50 6.72 39.26	46.44 2.66 3.89	49.27 2.44 0.00	34.75 2.15 0.00	28.84 2.06 0.00	23.40 1.78 0.00
N.E_GEN_SANDY PD 24062	23.60 0.83 0.00	23.07 0.84 0.00	21.16 0.79 0.00	18.41 0.72 0.00	18.96 0.69 -1.01	23.10 0.90 -0.27	36.18 1.21 0.39	41.86 1.31 0.85	47.34 1.64 0.29	29.72 1.07 -0.08	25.87 1.04 -2.24	23.67 1.02 0.00	24.59 0.98 0.00	27.94 1.13 -0.20	28.95 1.13 0.00	31.41 1.23 0.11	42.47 1.86 0.11	53.07 2.42 0.00	116.68 5.10 -0.53	50.63 1.94 -1.03	49.08 1.91 -0.33	33.82 1.37 0.14	30.41 1.29 -2.34	22.74 1.12 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.67 0.91 0.00	23.15 0.93 0.00	21.20 0.82 0.00	18.40 0.72 0.00	17.97 0.71 0.00	22.84 0.90 0.00	36.78 1.42 0.00	43.00 1.60 0.00	47.94 1.95 0.00	30.00 1.44 0.00	23.93 1.35 0.00	23.99 1.34 0.00	24.95 1.34 0.00	28.21 1.60 0.00	29.48 1.65 0.00	32.11 1.82 0.00	43.14 2.43 0.00	53.51 2.86 0.00	117.18 6.13 0.00	50.05 2.38 0.00	48.85 2.01 0.00	34.24 1.64 0.00	28.30 1.52 0.00	22.86 1.24 0.00
N.QUEENS_27_KV_LOAD 356247	23.95 1.18 0.00	23.37 1.15 0.00	21.43 1.06 0.00	18.61 0.93 0.00	18.15 0.89 0.00	23.04 1.10 0.00	37.12 1.76 0.00	43.38 1.98 0.00	48.62 2.63 0.00	30.57 2.00 0.00	24.43 1.84 0.00	24.51 1.87 0.00	25.40 1.79 0.00	28.78 2.17 0.00	30.02 2.19 0.00	32.68 2.39 0.00	43.89 3.13 -0.05	54.91 3.71 -0.55	119.38 7.84 -0.50	50.82 3.15 0.00	49.69 2.86 0.00	34.90 2.30 0.00	28.79 2.01 0.00	23.37 1.75 0.00
N.TROY___115KV_TB1 355778	23.51 0.75 0.00	22.96 0.73 0.00	21.07 0.70 0.00	18.32 0.64 0.00	17.88 0.62 0.00	22.75 0.81 0.00	36.51 1.15 0.00	42.66 1.26 0.00	47.39 1.40 0.00	29.39 0.82 0.00	23.33 0.75 0.00	23.36 0.72 0.00	24.31 0.70 0.00	27.41 0.80 0.00	28.65 0.82 0.00	31.23 0.94 0.00	42.28 1.57 0.00	52.82 2.17 0.00	115.58 4.54 0.00	49.41 1.73 0.00	48.62 1.78 0.00	33.81 1.21 0.00	27.91 1.13 0.00	22.60 0.98 0.00
NARROWS_GT1_1 24228	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT1_2 24229	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT1_3 24230	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT1_4 24231	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00

NARROWS_GT1_5 24232	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT1_6 24233	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT1_7 24234	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT1_8 24235	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_1 24236	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_2 24237	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_3 24238	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_4 24239	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_5 24240	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_6 24241	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_7 24242	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NARROWS_GT2_8 24243	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.36 3.71 0.00	118.93 7.88 0.00	50.82 3.15 0.00	49.70 2.87 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.59 0.82 0.00	23.01 0.79 0.00	21.13 0.76 0.00	18.38 0.69 0.00	17.93 0.67 0.00	22.86 0.91 0.00	36.71 1.35 0.00	42.90 1.51 0.00	47.57 1.58 0.00	29.26 0.69 0.00	23.06 0.48 0.00	23.04 0.39 0.00	23.94 0.33 0.00	26.98 0.37 0.00	28.21 0.39 0.00	30.82 0.53 0.00	42.02 1.31 0.00	53.00 2.35 0.00	116.68 5.63 0.00	49.87 2.20 0.00	49.01 2.17 0.00	33.96 1.37 0.00	28.04 1.26 0.00	22.67 1.05 0.00
NCHELSEA_115KV_TR2 355582	23.94 1.18 0.00	23.38 1.16 0.00	21.42 1.05 0.00	18.61 0.93 0.00	18.17 0.91 0.00	23.11 1.17 0.00	37.24 1.87 0.00	43.56 2.17 0.00	48.59 2.60 0.00	30.38 1.81 0.00	24.22 1.63 0.00	24.28 1.63 0.00	25.24 1.64 0.00	28.52 1.92 0.00	29.83 2.00 0.00	32.51 2.23 0.00	43.80 3.09 0.00	54.40 3.75 0.00	118.91 7.87 0.00	50.82 3.15 0.00	49.72 2.88 0.00	34.74 2.15 0.00	28.64 1.86 0.00	23.13 1.51 0.00
NEG CAPITAL___MECHNVIL 23645	23.77 1.01 0.00	23.20 0.98 0.00	21.29 0.91 0.00	18.50 0.82 0.00	18.05 0.79 0.00	23.01 1.07 0.00	37.08 1.72 0.00	43.35 1.96 0.00	48.03 2.04 0.00	29.74 1.17 0.00	23.55 0.97 0.00	23.59 0.94 0.00	24.55 0.94 0.00	27.67 1.06 0.00	28.96 1.13 0.00	31.63 1.34 0.00	42.91 2.20 0.00	53.65 3.00 0.00	117.47 6.43 0.00	50.21 2.54 0.00	49.31 2.47 0.00	34.27 1.67 0.00	28.24 1.46 0.00	22.85 1.23 0.00

NEG CENTRAL_HIGH_ACRES 23767	21.95 -0.82 0.00	21.30 -0.92 0.00	19.40 -0.97 0.00	16.80 -0.89 0.00	16.43 -0.83 0.00	21.05 -0.89 0.00	34.21 -1.15 0.00	39.74 -1.66 0.00	36.33 -2.08 7.59	15.49 -0.93 12.14	21.72 -0.87 0.00	21.83 -0.82 0.00	22.91 -0.69 0.00	25.74 -0.87 0.00	26.92 -0.90 0.00	29.21 -1.08 0.00	39.26 -1.45 0.00	48.88 -1.77 0.00	58.16 -3.62 49.26	43.44 -1.89 2.34	44.83 -2.00 0.00	31.04 -1.55 0.00	25.38 -1.41 0.00	20.47 -1.15 0.00
NEG CENTRAL___DRP 24199	22.47 -0.30 0.00	21.87 -0.36 0.00	19.99 -0.39 0.00	17.31 -0.37 0.00	16.95 -0.31 0.00	21.65 -0.29 0.00	36.76 -0.25 -1.64	42.88 -0.42 -1.89	44.18 -0.79 1.03	24.92 -0.16 3.49	22.25 -0.34 0.00	22.36 -0.29 0.00	23.35 -0.26 0.00	26.27 -0.34 0.00	27.47 -0.35 0.00	29.90 -0.39 0.00	40.51 -0.20 0.00	51.20 0.55 0.00	58.09 0.58 53.53	44.81 -0.10 2.76	46.60 -0.24 0.00	32.25 -0.35 0.00	26.52 -0.40 -0.15	21.24 -0.41 -0.02
NEG CENTRAL___INDECK 23768	22.82 0.05 0.00	22.09 -0.13 0.00	20.09 -0.28 0.00	17.35 -0.33 0.00	17.02 -0.24 0.00	21.93 -0.01 0.00	36.02 0.66 0.00	41.59 0.19 0.00	39.40 -0.92 5.66	18.19 -0.93 9.45	21.66 -0.92 0.00	21.83 -0.82 0.00	22.85 -0.75 0.00	26.27 -0.33 0.00	27.20 -0.62 0.00	29.23 -1.06 0.00	39.27 -1.45 0.00	49.43 -1.22 0.00	-20.26 -0.68 130.62	40.78 -0.76 6.13	45.77 -1.07 0.00	32.07 -0.53 0.00	27.95 -0.43 -1.61	21.33 -0.55 -0.26
NEG CENTRAL___SENECA 23627	22.56 -0.20 0.00	21.94 -0.28 0.00	20.02 -0.35 0.00	17.32 -0.36 0.00	16.98 -0.27 0.00	21.75 -0.19 0.00	36.13 0.02 -0.75	42.21 -0.06 -0.87	41.84 -0.41 3.74	21.56 0.05 7.05	22.38 -0.20 0.00	22.52 -0.13 0.00	23.52 -0.08 0.00	26.44 -0.17 0.00	27.68 -0.14 0.00	30.08 -0.21 0.00	40.59 -0.13 0.00	51.03 0.37 0.00	-2.07 1.25 114.36	42.25 0.05 5.47	46.72 -0.12 0.00	32.34 -0.25 0.00	26.65 -0.37 -0.24	21.21 -0.45 -0.04
NEG CENTRAL___STATE_STREET 24147	22.48 -0.29 0.00	21.91 -0.31 0.00	20.07 -0.30 0.00	17.42 -0.27 0.00	17.03 -0.23 0.00	21.67 -0.27 0.00	37.61 -0.38 -2.63	43.93 -0.51 -3.04	46.67 -1.01 -1.69	28.36 -0.20 0.00	22.19 -0.40 0.00	22.37 -0.28 0.00	23.34 -0.27 0.00	26.27 -0.33 0.00	27.36 -0.46 0.00	29.94 -0.35 0.00	40.62 -0.10 0.00	51.78 1.13 0.00	122.07 0.66 -10.37	47.80 0.13 0.00	46.93 0.09 0.00	32.36 -0.23 0.00	26.51 -0.27 0.00	21.49 -0.14 0.00
NEG MILLWOOD___DRP 24198	23.96 1.20 0.00	23.40 1.18 0.00	21.44 1.07 0.00	18.63 0.95 0.00	18.18 0.92 0.00	23.13 1.19 0.00	37.29 1.93 0.00	43.65 2.25 0.00	48.69 2.70 0.00	30.46 1.90 0.00	24.31 1.73 0.00	24.38 1.73 0.00	25.34 1.73 0.00	28.64 2.03 0.00	29.95 2.12 0.00	32.63 2.34 0.00	43.96 3.25 0.00	54.55 3.90 0.00	119.20 8.15 0.00	50.92 3.25 0.00	49.79 2.96 0.00	34.81 2.22 0.00	28.69 1.92 0.00	23.18 1.56 0.00
NEG NORTH_FLCN_SEA 23793	23.92 1.16 0.00	23.39 1.17 0.00	21.41 1.04 0.00	18.60 0.92 0.00	18.09 0.83 0.00	22.78 0.84 0.00	36.83 1.47 0.00	42.83 1.43 0.00	47.11 1.12 0.00	29.15 0.58 0.00	22.99 0.40 0.00	23.01 0.36 0.00	23.99 0.38 0.00	27.03 0.42 0.00	28.32 0.50 0.00	30.93 0.64 0.00	41.01 0.29 0.00	51.28 0.63 0.00	112.48 1.43 0.00	49.02 1.35 0.00	48.59 1.75 0.00	33.87 1.28 0.00	27.80 1.02 0.00	22.34 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	23.27 0.50 0.00	22.81 0.59 0.00	20.91 0.54 0.00	18.16 0.48 0.00	17.69 0.43 0.00	22.43 0.50 0.00	36.29 0.93 0.00	42.41 1.01 0.00	46.81 0.82 0.00	28.92 0.35 0.00	22.83 0.25 0.00	22.85 0.20 0.00	23.86 0.25 0.00	26.88 0.28 0.00	28.14 0.31 0.00	30.64 0.34 0.00	40.83 0.11 0.00	50.83 0.18 0.00	111.61 0.56 0.00	48.57 0.90 0.00	48.00 1.16 0.00	33.35 0.76 0.00	27.19 0.41 0.00	21.85 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	23.87 1.10 0.00	23.34 1.11 0.00	21.37 0.99 0.00	18.56 0.88 0.00	18.07 0.81 0.00	22.81 0.87 0.00	36.93 1.57 0.00	43.06 1.67 0.00	47.35 1.36 0.00	29.26 0.69 0.00	23.05 0.46 0.00	23.07 0.42 0.00	24.06 0.45 0.00	27.11 0.51 0.00	28.41 0.59 0.00	31.00 0.71 0.00	41.22 0.50 0.00	51.50 0.85 0.00	113.06 2.01 0.00	49.26 1.59 0.00	48.79 1.96 0.00	33.93 1.34 0.00	27.78 1.00 0.00	22.32 0.70 0.00
NEG NORTH___LWR_SARANAC 23913	23.87 1.10 0.00	23.34 1.11 0.00	21.37 0.99 0.00	18.56 0.88 0.00	18.07 0.81 0.00	22.81 0.87 0.00	36.93 1.57 0.00	43.06 1.67 0.00	47.35 1.36 0.00	29.26 0.69 0.00	23.05 0.46 0.00	23.07 0.42 0.00	24.06 0.45 0.00	27.11 0.51 0.00	28.41 0.59 0.00	31.00 0.71 0.00	41.22 0.50 0.00	51.50 0.85 0.00	113.06 2.01 0.00	49.26 1.59 0.00	48.79 1.96 0.00	33.93 1.34 0.00	27.78 1.00 0.00	22.32 0.70 0.00
NEG NORTH___PLATTSBURG 23628	23.87 1.10 0.00	23.34 1.11 0.00	21.37 0.99 0.00	18.56 0.88 0.00	18.07 0.81 0.00	22.81 0.87 0.00	36.93 1.57 0.00	43.06 1.67 0.00	47.33 1.34 0.00	29.26 0.69 0.00	23.05 0.46 0.00	23.07 0.42 0.00	24.06 0.45 0.00	27.11 0.51 0.00	28.41 0.59 0.00	31.00 0.71 0.00	41.22 0.50 0.00	51.50 0.85 0.00	113.10 2.06 0.00	49.26 1.59 0.00	48.79 1.96 0.00	33.93 1.33 0.00	27.78 1.00 0.00	22.33 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	21.90 -0.86 0.00	21.14 -1.09 0.00	19.12 -1.25 0.00	16.48 -1.20 0.00	16.13 -1.13 0.00	20.84 -1.10 0.00	34.01 -1.36 0.00	39.30 -2.10 0.00	36.53 -2.59 6.87	16.45 -1.13 10.99	21.64 -0.94 0.00	21.77 -0.88 0.00	22.98 -0.62 0.00	25.66 -0.95 0.00	26.80 -1.02 0.00	28.89 -1.40 0.00	38.51 -2.20 0.00	47.53 -3.13 0.00	32.38 -5.00 73.67	41.25 -2.95 3.47	43.78 -3.06 0.00	30.34 -2.25 0.00	24.43 -1.97 0.38	19.98 -1.58 0.06
NEG WEST___LANCASTER 23811	22.41 -0.35 0.00	21.70 -0.52 0.00	19.67 -0.70 0.00	16.97 -0.72 0.00	16.63 -0.63 0.00	21.44 -0.50 0.00	35.04 -0.32 0.00	40.68 -0.72 0.00	38.65 -1.15 6.20	18.33 -0.33 9.91	22.34 -0.25 0.00	22.54 -0.11 0.00	23.74 0.13 0.00	26.53 -0.07 0.00	27.74 -0.08 0.00	29.91 -0.38 0.00	39.95 -0.76 0.00	49.33 -1.33 0.00	16.26 -1.40 93.38	41.98 -1.30 4.39	45.32 -1.51 0.00	31.37 -1.23 0.00	25.29 -1.11 0.39	20.56 -0.99 0.06
NEG_PENN_ALLEGHNY 23528	22.99 0.22 0.00	22.44 0.21 0.00	20.52 0.14 0.00	17.75 0.07 0.00	17.39 0.13 0.00	22.22 0.28 0.00	36.10 0.74 0.00	42.27 0.88 0.00	44.29 0.77 2.47	24.94 0.63 4.27	23.08 0.49 0.00	23.30 0.65 0.00	24.29 0.68 0.00	27.29 0.68 0.00	28.59 0.76 0.00	31.04 0.76 0.00	41.74 1.03 0.00	51.68 1.03 0.00	45.07 2.17 68.15	45.30 0.88 3.25	47.65 0.81 0.00	33.03 0.44 0.00	27.23 0.38 -0.06	21.75 0.12 -0.01
NEG___GEN_MONROE 24207	22.40 -0.36 0.00	21.69 -0.53 0.00	19.72 -0.66 0.00	17.05 -0.64 0.00	16.67 -0.59 0.00	21.41 -0.52 0.00	34.88 -0.48 0.00	40.50 -0.90 0.00	37.37 -1.27 7.35	16.37 -0.45 11.75	22.08 -0.51 0.00	22.19 -0.46 0.00	23.34 -0.27 0.00	26.17 -0.43 0.00	27.37 -0.46 0.00	29.63 -0.66 0.00	39.78 -0.93 0.00	49.54 -1.11 0.00	59.10 -1.61 50.34	44.18 -1.09 2.40	45.58 -1.25 0.00	31.57 -1.03 0.00	25.71 -1.00 0.06	20.80 -0.81 0.01

NEPA__ENERGY 23901	22.27 -0.49 0.00	21.57 -0.65 0.00	19.56 -0.82 0.00	16.87 -0.81 0.00	16.54 -0.72 0.00	21.38 -0.55 0.00	34.97 -0.39 0.00	40.59 -0.80 0.00	38.37 -1.17 6.45	17.94 -0.31 10.32	22.33 -0.25 0.00	22.52 -0.13 0.00	23.71 0.10 0.00	26.49 -0.12 0.00	27.72 -0.10 0.00	29.88 -0.40 0.00	39.88 -0.84 0.00	49.27 -1.38 0.00	19.30 -1.81 89.94	41.83 -1.62 4.23	44.90 -1.94 0.00	30.95 -1.64 0.00	24.71 -1.55 0.52	20.15 -1.39 0.08
NEVERSink__HYD 23608	23.97 1.21 0.00	23.41 1.19 0.00	21.45 1.08 0.00	18.62 0.93 0.00	18.18 0.92 0.00	23.14 1.20 0.00	37.36 2.00 0.00	43.72 2.33 0.00	48.68 2.69 0.00	30.35 1.79 0.00	24.12 1.54 0.00	24.16 1.51 0.00	25.11 1.50 0.00	28.36 1.75 0.00	29.65 1.83 0.00	32.34 2.05 0.00	43.61 2.89 0.00	54.29 3.64 0.00	119.04 8.00 0.00	50.92 3.24 0.00	49.78 2.95 0.00	34.77 2.17 0.00	28.62 1.84 0.00	23.08 1.46 0.00
NEWKRMKL_115KV_TB1 55635	23.17 0.40 0.00	22.63 0.41 0.00	20.78 0.40 0.00	18.07 0.38 0.00	17.63 0.37 0.00	22.44 0.50 0.00	35.98 0.62 0.00	42.03 0.63 0.00	46.79 0.80 0.00	29.06 0.49 0.00	23.10 0.51 0.00	23.14 0.49 0.00	24.06 0.46 0.00	27.15 0.55 0.00	28.38 0.55 0.00	30.94 0.65 0.00	41.88 1.16 0.00	52.26 1.62 0.00	114.30 3.26 0.00	48.82 1.15 0.00	47.99 1.15 0.00	33.38 0.78 0.00	27.55 0.77 0.00	22.31 0.69 0.00
NEWTON__FALLS_HYD 23847	23.02 0.25 0.00	22.57 0.35 0.00	20.69 0.32 0.00	17.98 0.29 0.00	17.59 0.33 0.00	22.43 0.49 0.00	37.44 1.20 -0.87	43.86 1.45 -1.01	47.76 1.17 -0.60	28.97 0.41 0.00	22.79 0.20 0.00	22.80 0.16 0.00	23.83 0.22 0.00	26.84 0.24 0.00	28.14 0.31 0.00	30.62 0.32 0.00	41.11 0.40 0.00	51.73 1.08 0.00	114.31 3.27 0.00	49.18 1.51 0.00	48.34 1.51 0.00	33.40 0.80 0.00	27.37 0.59 0.00	21.93 0.31 0.00
NGRID_A1_DSASP 323792	21.62 -1.14 0.00	20.87 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.57 -2.82 0.00	35.77 -3.36 6.86	16.06 -1.53 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.91 -2.81 0.00	46.61 -4.04 0.00	28.03 -7.65 75.36	40.20 -3.92 3.55	42.95 -3.88 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.69 -1.87 0.06
NGRID_A2_DSASP 323793	21.62 -1.14 0.00	20.87 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.57 -2.82 0.00	35.77 -3.36 6.86	16.06 -1.53 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.91 -2.81 0.00	46.61 -4.04 0.00	28.03 -7.65 75.36	40.20 -3.92 3.55	42.95 -3.88 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.69 -1.87 0.06
NGRID_A4_DSASP 323807	21.62 -1.14 0.00	20.87 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.57 -2.82 0.00	35.77 -3.36 6.86	16.06 -1.53 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.91 -2.81 0.00	46.61 -4.04 0.00	28.03 -7.65 75.36	40.20 -3.92 3.55	42.95 -3.88 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.69 -1.87 0.06
NIAGARA_115E_LBMP 323715	21.56 -1.21 0.00	20.78 -1.44 0.00	18.80 -1.57 0.00	16.20 -1.48 0.00	15.84 -1.42 0.00	20.49 -1.45 0.00	33.39 -1.98 0.00	38.52 -2.88 0.00	35.74 -3.43 6.82	16.01 -1.63 10.92	21.26 -1.33 0.00	21.38 -1.27 0.00	22.59 -1.02 0.00	25.19 -1.41 0.00	26.30 -1.52 0.00	28.34 -1.94 0.00	37.76 -2.95 0.00	46.50 -4.15 0.00	28.59 -6.67 75.79	40.18 -3.92 3.57	42.89 -3.94 0.00	29.77 -2.82 0.00	24.01 -2.39 0.38	19.63 -1.93 0.06
NIAGARA_115W_LBMP 323714	21.58 -1.19 0.00	20.82 -1.40 0.00	18.84 -1.54 0.00	16.24 -1.45 0.00	15.88 -1.38 0.00	20.50 -1.44 0.00	33.41 -1.95 0.00	38.50 -2.90 0.00	35.69 -3.43 6.87	15.99 -1.59 10.99	21.28 -1.31 0.00	21.42 -1.23 0.00	22.64 -0.97 0.00	25.25 -1.35 0.00	26.38 -1.45 0.00	28.40 -1.89 0.00	37.82 -2.89 0.00	46.51 -4.14 0.00	28.11 -7.81 75.13	40.13 -4.01 3.54	42.88 -3.95 0.00	29.76 -2.83 0.00	23.99 -2.41 0.38	19.65 -1.91 0.06
NIAGARA_230_LBMP 323716	21.74 -1.02 0.00	20.99 -1.23 0.00	19.00 -1.37 0.00	16.39 -1.30 0.00	16.03 -1.23 0.00	20.67 -1.27 0.00	33.70 -1.66 0.00	38.91 -2.49 0.00	36.09 -2.96 6.94	16.16 -1.30 11.11	21.48 -1.11 0.00	21.63 -1.02 0.00	22.84 -0.76 0.00	25.50 -1.11 0.00	26.64 -1.18 0.00	28.69 -1.60 0.00	38.23 -2.49 0.00	47.08 -3.57 0.00	31.11 -6.80 73.13	40.71 -3.51 3.44	43.35 -3.49 0.00	30.06 -2.53 0.00	24.23 -2.18 0.36	19.83 -1.73 0.06
NIAGARA__115KV_198_GIBSON 55903	21.58 -1.18 0.00	20.82 -1.40 0.00	18.84 -1.54 0.00	16.24 -1.45 0.00	15.88 -1.38 0.00	20.50 -1.44 0.00	33.41 -1.96 0.00	38.50 -2.89 0.00	35.66 -3.46 6.87	15.96 -1.62 10.99	21.28 -1.31 0.00	21.42 -1.23 0.00	22.64 -0.97 0.00	25.25 -1.35 0.00	26.38 -1.45 0.00	28.40 -1.89 0.00	37.81 -2.90 0.00	46.50 -4.15 0.00	28.15 -7.77 75.13	40.19 -3.94 3.54	42.87 -3.96 0.00	29.76 -2.83 0.00	23.99 -2.41 0.38	19.66 -1.90 0.06
NIAGARA____ 23760	21.74 -1.02 0.00	20.99 -1.23 0.00	19.00 -1.37 0.00	16.39 -1.30 0.00	16.03 -1.23 0.00	20.67 -1.27 0.00	33.70 -1.66 0.00	38.91 -2.49 0.00	36.15 -2.96 6.88	16.28 -1.30 10.98	21.48 -1.11 0.00	21.63 -1.02 0.00	22.84 -0.76 0.00	25.50 -1.11 0.00	26.64 -1.18 0.00	28.69 -1.60 0.00	38.23 -2.49 0.00	47.08 -3.57 0.00	30.58 -6.80 73.67	40.69 -3.51 3.47	43.35 -3.49 0.00	30.06 -2.53 0.00	24.23 -2.18 0.37	19.83 -1.73 0.06
NINE_MILE_1 23575	21.97 -0.80 0.00	21.43 -0.79 0.00	19.65 -0.72 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.15 -0.79 0.00	21.11 -1.32 12.93	24.62 -1.82 14.96	-13.62 -2.21 57.41	-53.66 -0.99 81.24	21.70 -0.88 0.00	21.78 -0.87 0.00	22.69 -0.91 0.00	25.56 -1.04 0.00	26.74 -1.08 0.00	29.11 -1.18 0.00	39.15 -1.57 0.00	48.75 -1.90 0.00	106.98 -4.06 0.00	45.81 -1.86 0.00	44.97 -1.87 0.00	31.26 -1.33 0.00	25.66 -1.12 0.00	20.76 -0.86 0.00
NINE_MILE_2 23744	21.97 -0.79 0.00	21.44 -0.79 0.00	19.65 -0.72 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.15 -0.79 0.00	20.92 -1.32 13.13	24.39 -1.82 15.19	-14.39 -2.21 58.17	-54.72 -0.99 82.29	21.70 -0.88 0.00	21.78 -0.87 0.00	22.69 -0.91 0.00	25.56 -1.04 0.00	26.75 -1.08 0.00	29.11 -1.18 0.00	39.15 -1.57 0.00	48.75 -1.90 0.00	106.98 -4.06 0.00	45.81 -1.86 0.00	44.97 -1.87 0.00	31.26 -1.33 0.00	25.66 -1.12 0.00	20.76 -0.86 0.00
NM_CAPITAL__DRP 24208	23.24 0.47 0.00	22.69 0.47 0.00	20.84 0.46 0.00	18.12 0.44 0.00	17.68 0.42 0.00	22.51 0.57 0.00	36.07 0.71 0.00	42.12 0.72 0.00	46.92 0.93 0.00	29.13 0.56 0.00	23.17 0.59 0.00	23.20 0.56 0.00	24.13 0.52 0.00	27.22 0.61 0.00	28.45 0.62 0.00	31.01 0.72 0.00	41.95 1.24 0.00	52.35 1.70 0.00	114.53 3.48 0.00	48.92 1.25 0.00	48.09 1.26 0.00	33.45 0.86 0.00	27.63 0.85 0.00	22.38 0.76 0.00

NM_CENTRAL___DRP 24181	22.31 -0.45 0.00	21.76 -0.47 0.00	19.93 -0.44 0.00	17.30 -0.39 0.00	16.90 -0.36 0.00	21.49 -0.45 0.00	36.22 -0.68 -1.54	42.13 -1.05 -1.78	43.15 -1.36 1.48	23.93 -0.52 4.12	22.08 -0.51 0.00	22.16 -0.49 0.00	23.10 -0.51 0.00	26.02 -0.58 0.00	27.25 -0.57 0.00	29.66 -0.63 0.00	40.02 -0.69 0.00	50.11 -0.54 0.00	152.21 -1.22 -42.39	49.03 -0.79 -2.15	45.97 -0.86 0.00	31.93 -0.67 0.00	26.18 -0.60 0.00	21.15 -0.47 0.00
NM_FRONTIER___DRP 24179	21.58 -1.18 0.00	20.82 -1.40 0.00	18.84 -1.54 0.00	16.24 -1.45 0.00	15.88 -1.38 0.00	20.50 -1.44 0.00	33.41 -1.96 0.00	38.50 -2.89 0.00	35.66 -3.46 6.87	15.96 -1.62 10.99	21.28 -1.31 0.00	21.42 -1.23 0.00	22.64 -0.97 0.00	25.25 -1.35 0.00	26.38 -1.45 0.00	28.40 -1.89 0.00	37.81 -2.90 0.00	46.50 -4.15 0.00	28.15 -7.77 75.13	40.19 -3.94 3.54	42.87 -3.96 0.00	29.76 -2.83 0.00	23.99 -2.41 0.38	19.66 -1.90 0.06
NM_ST_REGIS___HYD 24053	23.42 0.66 0.00	22.91 0.69 0.00	20.97 0.60 0.00	18.19 0.51 0.00	17.75 0.49 0.00	22.58 0.64 0.00	37.04 1.25 -0.42	43.37 1.48 -0.49	47.60 1.30 -0.31	29.15 0.58 0.00	22.99 0.40 0.00	23.01 0.36 0.00	24.07 0.46 0.00	27.11 0.51 0.00	28.36 0.54 0.00	30.83 0.54 0.00	41.13 0.42 0.00	51.25 0.60 0.00	113.10 2.06 0.00	49.11 1.44 0.00	48.56 1.72 0.00	33.74 1.15 0.00	27.56 0.78 0.00	22.11 0.49 0.00
NORTHPORT___1 23551	23.74 0.98 0.00	23.26 1.04 0.00	21.26 0.89 0.00	18.51 0.83 0.00	18.02 0.75 0.00	22.86 0.92 0.00	36.54 1.18 0.00	42.67 1.28 0.00	30.55 1.52 16.96	5.41 1.16 24.31	24.04 1.45 0.00	24.12 1.47 0.00	24.97 1.36 0.00	28.49 1.88 0.00	29.74 1.91 0.00	32.27 1.97 0.00	43.22 2.61 0.10	51.80 2.49 1.34	54.14 5.33 62.24	44.14 2.26 5.78	48.96 2.13 0.00	34.42 1.83 0.00	28.63 1.85 0.00	23.36 1.74 0.00
NORTHPORT___2 23552	23.74 0.98 0.00	23.26 1.04 0.00	21.26 0.89 0.00	18.51 0.83 0.00	18.02 0.75 0.00	22.86 0.92 0.00	36.54 1.18 0.00	42.67 1.28 0.00	30.55 1.52 16.96	5.41 1.16 24.31	24.04 1.45 0.00	24.12 1.47 0.00	24.97 1.36 0.00	28.49 1.88 0.00	29.74 1.91 0.00	32.27 1.97 0.00	43.22 2.61 0.10	51.80 2.49 1.34	54.14 5.33 62.24	44.14 2.26 5.78	48.96 2.13 0.00	34.42 1.83 0.00	28.63 1.85 0.00	23.36 1.74 0.00
NORTHPORT___3 23553	23.56 0.79 0.00	23.06 0.84 0.00	21.12 0.74 0.00	18.37 0.69 0.00	17.87 0.61 0.00	22.64 0.70 0.00	36.19 0.82 0.00	42.28 0.89 0.00	30.09 1.09 16.99	5.18 0.96 24.35	23.88 1.29 0.00	23.97 1.32 0.00	24.84 1.23 0.00	28.24 1.63 0.00	29.45 1.63 0.00	31.94 1.65 0.00	42.81 2.21 0.11	51.40 2.16 1.42	52.96 4.20 62.29	43.52 1.62 5.77	48.37 1.53 0.00	34.13 1.53 0.00	28.37 1.59 0.00	23.14 1.52 0.00
NORTHPORT___4 23650	23.56 0.79 0.00	23.06 0.84 0.00	21.12 0.74 0.00	18.37 0.69 0.00	17.87 0.61 0.00	22.64 0.70 0.00	36.19 0.82 0.00	42.28 0.89 0.00	30.09 1.09 16.99	5.18 0.96 24.35	23.88 1.29 0.00	23.97 1.32 0.00	24.84 1.23 0.00	28.24 1.63 0.00	29.45 1.63 0.00	31.94 1.65 0.00	42.81 2.21 0.11	51.40 2.16 1.42	52.96 4.20 62.29	43.52 1.62 5.77	48.37 1.53 0.00	34.13 1.53 0.00	28.37 1.59 0.00	23.14 1.52 0.00
NORTHPORT___IC 23718	23.74 0.97 0.00	23.26 1.04 0.00	21.26 0.89 0.00	18.51 0.83 0.00	18.02 0.75 0.00	22.86 0.92 0.00	36.54 1.18 0.00	42.67 1.27 0.00	30.55 1.52 16.96	5.42 1.16 24.31	24.03 1.45 0.00	24.12 1.47 0.00	24.97 1.36 0.00	28.48 1.88 0.00	29.74 1.91 0.00	32.27 1.97 0.00	43.22 2.61 0.10	51.84 2.53 1.34	54.11 5.30 62.24	44.14 2.25 5.78	48.96 2.13 0.00	34.42 1.83 0.00	28.63 1.85 0.00	23.36 1.74 0.00
NORTH___COUNTRY_ESR 323785	23.22 0.45 0.00	22.77 0.55 0.00	20.88 0.50 0.00	18.13 0.45 0.00	17.67 0.41 0.00	22.40 0.46 0.00	36.22 0.86 0.00	42.33 0.93 0.00	46.70 0.71 0.00	28.90 0.33 0.00	22.82 0.24 0.00	22.85 0.20 0.00	23.85 0.25 0.00	26.88 0.27 0.00	28.13 0.31 0.00	30.63 0.34 0.00	40.81 0.09 0.00	50.74 0.09 0.00	111.45 0.40 0.00	48.47 0.80 0.00	47.87 1.04 0.00	33.28 0.69 0.00	27.14 0.36 0.00	21.82 0.19 0.00
NPX_GEN_1385_PROXY 323591	24.03 1.26 0.00	23.53 1.31 0.00	21.51 1.14 0.00	18.85 1.17 0.00	18.23 0.97 0.00	23.24 1.30 0.00	37.49 2.13 0.00	59.78 2.50 -15.87	31.33 2.30 16.96	5.48 1.22 24.31	23.91 1.33 0.00	23.86 1.21 0.00	24.51 0.91 0.00	28.44 1.84 0.00	30.16 2.33 0.00	33.10 2.81 0.00	44.10 3.49 0.10	52.47 3.16 1.34	56.34 7.53 62.24	45.43 3.54 5.78	50.28 3.45 0.00	34.80 2.20 0.00	28.94 2.16 0.00	23.64 2.02 0.00
NPX_GEN_CSC 323557	23.34 0.57 0.00	22.84 0.61 0.00	20.87 0.50 0.00	18.17 0.48 0.00	17.70 0.44 0.00	22.77 0.83 0.00	36.73 1.37 0.00	42.83 1.44 0.00	30.87 1.57 16.70	5.31 0.68 23.94	23.60 1.02 0.00	23.68 1.03 0.00	24.52 0.92 0.00	28.42 1.82 0.00	29.78 1.96 0.00	32.34 2.06 0.00	43.44 2.83 0.11	51.98 2.69 1.36	54.41 4.83 61.46	44.22 2.26 5.71	49.32 2.49 0.00	34.58 1.99 0.00	28.88 2.10 0.00	23.51 1.89 0.00
NSINS_S___GLNS_FALLS 23858	23.77 1.01 0.00	23.20 0.98 0.00	21.27 0.90 0.00	18.48 0.79 0.00	18.03 0.77 0.00	23.07 1.13 0.00	37.28 1.92 0.00	43.68 2.28 0.00	48.19 2.19 0.00	29.67 1.10 0.00	23.46 0.87 0.00	23.51 0.86 0.00	24.45 0.84 0.00	27.50 0.90 0.00	28.81 0.99 0.00	31.52 1.23 0.00	42.98 2.27 0.00	53.66 3.01 0.00	117.53 6.48 0.00	50.25 2.59 0.00	49.30 2.46 0.00	34.28 1.68 0.00	28.27 1.50 0.00	22.92 1.30 0.00
NUCOR_STEEL___DRP 24197	22.45 -0.31 0.00	21.89 -0.33 0.00	20.06 -0.31 0.00	17.40 -0.28 0.00	17.01 -0.25 0.00	21.64 -0.30 0.00	37.75 -0.45 -2.83	44.09 -0.58 -3.27	46.70 -1.10 -1.80	28.32 -0.25 0.00	22.16 -0.42 0.00	22.35 -0.30 0.00	23.32 -0.29 0.00	26.24 -0.36 0.00	27.32 -0.51 0.00	29.91 -0.38 0.00	40.59 -0.12 0.00	51.79 1.14 0.00	126.66 0.51 -15.11	47.76 0.09 0.00	46.89 0.05 0.00	32.33 -0.27 0.00	26.48 -0.30 0.00	21.49 -0.14 0.00
NUMBER_THREE_WT_PWR 323818	22.62 -0.14 0.00	22.27 0.05 0.00	20.48 0.11 0.00	17.83 0.15 0.00	17.51 0.25 0.00	22.36 0.42 0.00	37.64 1.24 -1.04	44.11 1.51 -1.20	47.92 1.20 -0.73	28.98 0.41 0.00	22.76 0.18 0.00	22.80 0.15 0.00	23.77 0.16 0.00	26.79 0.18 0.00	28.11 0.29 0.00	30.62 0.33 0.00	41.27 0.56 0.00	52.31 1.66 0.00	150.41 4.70 -34.66	51.00 1.75 -1.57	48.25 1.42 0.00	33.07 0.48 0.00	27.23 0.45 0.00	21.78 0.16 0.00
NYISO_LBMP_REFERENCE 24008	22.77 0.00 0.00	22.22 0.00 0.00	20.37 0.00 0.00	17.69 0.00 0.00	17.26 0.00 0.00	21.94 0.00 0.00	35.37 0.00 0.00	41.40 0.00 0.00	45.99 0.00 0.00	28.57 0.00 0.00	22.58 0.00 0.00	22.65 0.00 0.00	23.60 0.00 0.00	26.60 0.00 0.00	27.82 0.00 0.00	30.29 0.00 0.00	40.71 0.00 0.00	50.65 0.00 0.00	111.05 0.00 0.00	47.67 0.00 0.00	46.84 0.00 0.00	32.59 0.00 0.00	26.78 0.00 0.00	21.62 0.00 0.00

NYPA_BRENTWD____GT 24164	23.89 1.13 0.00	23.38 1.16 0.00	21.37 1.00 0.00	18.59 0.91 0.00	18.12 0.85 0.00	23.05 1.11 0.00	36.92 1.55 0.00	43.12 1.72 0.00	31.59 2.03 16.42	6.45 1.43 23.54	24.22 1.63 0.00	24.30 1.65 0.00	25.16 1.56 0.00	28.72 2.12 0.00	30.01 2.18 0.00	32.60 2.30 0.00	43.69 3.07 0.10	52.01 2.68 1.33	56.24 5.78 60.59	44.63 2.60 5.64	49.39 2.55 0.00	34.83 2.23 0.00	28.96 2.18 0.00	23.56 1.94 0.00
NYPA_GOWANUS____GT5 24156	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.89 3.18 0.00	54.35 3.70 0.00	118.88 7.84 0.00	50.81 3.14 0.00	49.70 2.86 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NYPA_GOWANUS____GT6 24157	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.48 2.08 0.00	48.61 2.62 0.00	30.58 2.02 0.00	24.45 1.86 0.00	24.53 1.88 0.00	25.47 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.89 3.18 0.00	54.35 3.70 0.00	118.88 7.84 0.00	50.81 3.14 0.00	49.70 2.86 0.00	34.94 2.34 0.00	28.80 2.02 0.00	23.29 1.67 0.00
NYPA_HARLEM__RVR__GT1 24160	23.93 1.17 0.00	23.40 1.18 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.17 0.91 0.00	23.08 1.14 0.00	37.08 1.71 0.00	43.29 1.89 0.00	48.44 2.45 0.00	30.40 1.83 0.00	24.29 1.71 0.00	24.38 1.73 0.00	25.28 1.68 0.00	28.63 2.03 0.00	29.87 2.05 0.00	32.55 2.26 0.00	43.65 2.93 0.00	54.10 3.45 0.00	118.21 7.16 0.00	50.53 2.87 0.00	49.45 2.61 0.00	34.77 2.18 0.00	28.72 1.95 0.00	23.29 1.66 0.00
NYPA_HARLEM__RVR__GT2 24161	23.93 1.17 0.00	23.40 1.18 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.17 0.91 0.00	23.08 1.14 0.00	37.08 1.71 0.00	43.29 1.89 0.00	48.44 2.45 0.00	30.40 1.83 0.00	24.29 1.71 0.00	24.38 1.73 0.00	25.28 1.68 0.00	28.63 2.03 0.00	29.87 2.05 0.00	32.55 2.26 0.00	43.65 2.93 0.00	54.10 3.45 0.00	118.21 7.16 0.00	50.53 2.87 0.00	49.45 2.61 0.00	34.77 2.18 0.00	28.72 1.95 0.00	23.29 1.66 0.00
NYPA_KENT____GT 24152	24.00 1.23 0.00	23.44 1.22 0.00	21.48 1.11 0.00	18.66 0.97 0.00	18.21 0.95 0.00	23.13 1.19 0.00	37.15 1.78 0.00	43.41 2.02 0.00	48.58 2.59 0.00	30.55 1.98 0.00	24.43 1.85 0.00	24.51 1.86 0.00	25.46 1.85 0.00	28.80 2.20 0.00	30.07 2.24 0.00	32.74 2.46 0.00	43.86 3.14 0.00	54.30 3.65 0.00	118.73 7.68 0.00	50.73 3.06 0.00	49.63 2.79 0.00	34.88 2.28 0.00	28.75 1.98 0.00	23.27 1.65 0.00
NYPA_POUCH1____GT 24155	23.97 1.20 0.00	23.42 1.20 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.11 1.17 0.00	37.10 1.73 0.00	43.28 1.88 0.00	48.40 2.42 0.00	30.53 1.97 0.00	24.39 1.80 0.00	24.46 1.80 0.00	25.38 1.78 0.00	28.72 2.11 0.00	29.99 2.17 0.00	32.67 2.38 0.00	43.75 3.03 0.00	54.19 3.54 0.00	118.60 7.55 0.00	50.69 3.02 0.00	49.63 2.80 0.00	34.92 2.32 0.00	28.80 2.03 0.00	23.30 1.68 0.00
NYPA_VERNON____GT2 24162	23.98 1.21 0.00	23.42 1.20 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.20 0.94 0.00	23.11 1.17 0.00	37.11 1.75 0.00	43.37 1.97 0.00	48.54 2.54 0.00	30.52 1.95 0.00	24.42 1.84 0.00	24.51 1.86 0.00	25.44 1.83 0.00	28.78 2.17 0.00	30.05 2.23 0.00	32.73 2.44 0.00	43.87 3.15 0.00	54.28 3.64 0.00	118.66 7.62 0.00	50.70 3.03 0.00	49.57 2.74 0.00	34.82 2.23 0.00	28.72 1.94 0.00	23.24 1.62 0.00
NYPA_VERNON____GT3 24163	23.98 1.21 0.00	23.42 1.20 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.20 0.94 0.00	23.11 1.17 0.00	37.11 1.75 0.00	43.37 1.97 0.00	48.54 2.54 0.00	30.52 1.95 0.00	24.42 1.84 0.00	24.51 1.86 0.00	25.44 1.83 0.00	28.78 2.17 0.00	30.05 2.23 0.00	32.73 2.44 0.00	43.87 3.15 0.00	54.28 3.64 0.00	118.66 7.62 0.00	50.70 3.03 0.00	49.57 2.74 0.00	34.82 2.23 0.00	28.72 1.94 0.00	23.24 1.62 0.00
NYPA__ASTORIA_CC1 323568	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.04 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.46 1.89 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.65 2.37 0.00	43.78 3.06 0.00	54.18 3.53 0.00	118.43 7.38 0.00	50.60 2.94 0.00	49.49 2.66 0.00	34.76 2.17 0.00	28.67 1.89 0.00	23.21 1.59 0.00
NYPA__ASTORIA_CC2 323569	23.94 1.18 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.04 1.68 0.00	43.29 1.89 0.00	48.45 2.46 0.00	30.46 1.89 0.00	24.38 1.79 0.00	24.46 1.81 0.00	25.39 1.78 0.00	28.72 2.12 0.00	29.99 2.17 0.00	32.65 2.37 0.00	43.78 3.06 0.00	54.18 3.53 0.00	118.43 7.38 0.00	50.60 2.94 0.00	49.49 2.66 0.00	34.76 2.17 0.00	28.67 1.89 0.00	23.21 1.59 0.00
NYPA__HOLTSVILL 23794	23.61 0.85 0.00	23.10 0.88 0.00	21.12 0.74 0.00	18.38 0.70 0.00	17.90 0.64 0.00	22.84 0.90 0.00	36.56 1.20 0.00	42.66 1.27 0.00	30.80 1.53 16.72	5.63 1.03 23.97	23.91 1.32 0.00	23.99 1.35 0.00	24.84 1.24 0.00	28.44 1.83 0.00	29.71 1.88 0.00	32.25 1.96 0.00	43.25 2.64 0.11	51.82 2.53 1.37	54.68 5.16 61.52	44.15 2.20 5.71	49.02 2.19 0.00	34.49 1.89 0.00	28.75 1.97 0.00	23.41 1.79 0.00
NYPA__HELLGATE_GT1 24158	23.93 1.16 0.00	23.35 1.13 0.00	21.41 1.04 0.00	18.60 0.92 0.00	18.14 0.88 0.00	23.02 1.09 0.00	37.07 1.71 0.00	43.31 1.92 0.00	48.51 2.51 0.00	30.48 1.91 0.00	24.36 1.77 0.00	24.46 1.80 0.00	25.33 1.72 0.00	28.69 2.08 0.00	29.93 2.11 0.00	32.59 2.30 0.00	43.72 3.01 0.00	54.21 3.56 0.00	118.59 7.55 0.00	50.69 3.02 0.00	49.58 2.74 0.00	34.82 2.22 0.00	28.73 1.95 0.00	23.31 1.69 0.00
NYPA__HELLGATE_GT2 24159	23.93 1.16 0.00	23.35 1.13 0.00	21.41 1.04 0.00	18.60 0.92 0.00	18.14 0.88 0.00	23.02 1.09 0.00	37.07 1.71 0.00	43.31 1.92 0.00	48.51 2.51 0.00	30.48 1.91 0.00	24.36 1.77 0.00	24.46 1.80 0.00	25.33 1.72 0.00	28.69 2.08 0.00	29.93 2.11 0.00	32.59 2.30 0.00	43.72 3.01 0.00	54.21 3.56 0.00	118.59 7.55 0.00	50.69 3.02 0.00	49.58 2.74 0.00	34.82 2.22 0.00	28.73 1.95 0.00	23.31 1.69 0.00
NYS_BARGE__HYD 23848	21.91 -0.85 0.00	21.14 -1.08 0.00	19.13 -1.25 0.00	16.48 -1.20 0.00	16.13 -1.13 0.00	20.84 -1.10 0.00	34.01 -1.35 0.00	39.29 -2.11 0.00	36.53 -2.57 6.89	16.42 -1.12 11.03	21.63 -0.95 0.00	21.76 -0.89 0.00	22.97 -0.64 0.00	25.64 -0.97 0.00	26.77 -1.05 0.00	28.86 -1.42 0.00	38.51 -2.21 0.00	47.52 -3.13 0.00	33.79 -4.84 72.41	41.28 -2.98 3.41	43.80 -3.04 0.00	30.36 -2.23 0.00	24.48 -1.94 0.35	19.98 -1.59 0.06

OAK ORCHARD___HYD 24046	22.27 -0.49 0.00	21.59 -0.64 0.00	19.64 -0.73 0.00	16.99 -0.70 0.00	16.61 -0.65 0.00	21.31 -0.63 0.00	34.65 -0.71 0.00	40.22 -1.18 0.00	37.09 -1.54 7.37	16.21 -0.57 11.79	22.01 -0.57 0.00	22.14 -0.51 0.00	23.26 -0.34 0.00	26.11 -0.49 0.00	27.30 -0.53 0.00	29.56 -0.73 0.00	39.68 -1.03 0.00	49.36 -1.29 0.00	59.24 -2.48 49.32	43.91 -1.41 2.35	45.33 -1.51 0.00	31.41 -1.19 0.00	25.66 -1.12 0.00	20.72 -0.90 0.00
OAKDALE___35_KV_LOAD 356122	22.95 0.18 0.00	22.40 0.18 0.00	20.49 0.12 0.00	17.73 0.05 0.00	17.37 0.11 0.00	22.18 0.24 0.00	36.02 0.66 0.00	42.16 0.77 0.00	44.15 0.67 2.51	24.81 0.58 4.34	23.04 0.46 0.00	23.26 0.61 0.00	24.25 0.64 0.00	27.24 0.64 0.00	28.54 0.72 0.00	30.99 0.70 0.00	41.65 0.94 0.00	51.54 0.89 0.00	46.55 1.99 66.48	45.26 0.77 3.18	47.53 0.69 0.00	32.96 0.37 0.00	27.19 0.34 -0.07	21.73 0.09 -0.01
OCC_CHEM___DRP 24175	21.62 -1.15 0.00	20.86 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.58 -2.81 0.00	35.75 -3.38 6.86	16.04 -1.55 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.90 -2.82 0.00	46.60 -4.05 0.00	28.09 -7.60 75.36	40.27 -3.85 3.55	42.95 -3.89 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.70 -1.86 0.06
OH_GEN_PROXY 24063	21.77 -1.00 0.00	21.03 -1.20 0.00	19.04 -1.33 0.00	16.42 -1.27 0.00	16.07 -1.19 0.00	20.71 -1.23 0.00	33.78 -1.58 0.00	39.03 -2.37 0.00	36.20 -2.84 6.95	16.20 -1.24 11.12	21.53 -1.06 0.00	21.68 -0.97 0.00	22.89 -0.72 0.00	25.56 -1.04 0.00	26.71 -1.11 0.00	28.78 -1.51 0.00	38.35 -2.36 0.00	47.27 -3.39 0.00	32.52 -6.49 72.04	40.94 -3.34 3.39	43.50 -3.34 0.00	30.16 -2.44 0.00	24.35 -2.11 0.32	19.89 -1.68 0.05
OLIN_CORP_DRP 24177	21.62 -1.14 0.00	20.86 -1.37 0.00	18.87 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.56 -1.39 0.00	33.51 -1.86 0.00	38.67 -2.73 0.00	35.91 -3.30 6.78	16.17 -1.55 10.85	21.34 -1.25 0.00	21.47 -1.18 0.00	22.67 -0.93 0.00	25.29 -1.31 0.00	26.42 -1.41 0.00	28.47 -1.82 0.00	37.91 -2.80 0.00	46.67 -3.98 0.00	27.16 -6.55 77.34	40.31 -3.72 3.64	43.05 -3.78 0.00	29.88 -2.72 0.00	24.07 -2.32 0.39	19.71 -1.85 0.06
OLIN_CORP_DSASP 323712	21.62 -1.14 0.00	20.87 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.57 -2.82 0.00	35.77 -3.36 6.86	16.06 -1.53 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.91 -2.81 0.00	46.61 -4.04 0.00	28.03 -7.65 75.36	40.20 -3.92 3.55	42.95 -3.88 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.69 -1.87 0.06
ONEIDA_HERK_LFGE 323681	22.97 0.21 0.00	22.49 0.27 0.00	20.63 0.26 0.00	17.95 0.26 0.00	17.57 0.31 0.00	22.42 0.48 0.00	37.03 1.06 -0.60	43.32 1.22 -0.70	47.57 1.09 -0.49	29.10 0.53 0.00	22.90 0.32 0.00	22.96 0.32 0.00	23.92 0.31 0.00	26.95 0.34 0.00	28.23 0.41 0.00	30.75 0.46 0.00	41.53 0.81 0.00	52.18 1.53 0.00	154.92 3.98 -39.90	50.98 1.50 -1.81	48.14 1.30 0.00	33.26 0.67 0.00	27.33 0.55 0.00	21.97 0.35 0.00
ONEIDA___115KV_TB4 55905	23.10 0.33 0.00	22.54 0.31 0.00	20.65 0.28 0.00	17.94 0.25 0.00	17.54 0.28 0.00	22.41 0.47 0.00	37.19 0.96 -0.87	43.42 1.02 -1.01	46.26 0.90 0.63	27.00 0.51 2.08	22.83 0.25 0.00	22.91 0.26 0.00	23.87 0.26 0.00	26.89 0.28 0.00	28.14 0.32 0.00	30.68 0.39 0.00	41.51 0.80 0.00	52.08 1.43 0.00	205.38 3.89 -90.44	53.14 1.36 -4.12	48.01 1.17 0.00	33.26 0.66 0.00	27.28 0.51 0.00	21.97 0.35 0.00
ONONDAGA_REF_OCCRA 23987	22.43 -0.34 0.00	21.87 -0.36 0.00	20.03 -0.35 0.00	17.38 -0.30 0.00	16.98 -0.27 0.00	21.60 -0.34 0.00	36.73 -0.49 -1.86	42.74 -0.81 -2.15	44.39 -1.13 0.47	25.39 -0.39 2.79	22.17 -0.42 0.00	22.24 -0.41 0.00	23.18 -0.42 0.00	26.11 -0.49 0.00	27.35 -0.47 0.00	29.79 -0.50 0.00	40.23 -0.49 0.00	50.50 -0.15 0.00	326.75 -0.31 -216.01	54.49 -0.41 -7.23	46.34 -0.50 0.00	32.15 -0.44 0.00	26.35 -0.43 0.00	21.28 -0.34 0.00
ONONDAGA___COGEN 23986	22.40 -0.36 0.00	21.84 -0.38 0.00	20.02 -0.35 0.00	17.37 -0.31 0.00	16.98 -0.28 0.00	21.59 -0.35 0.00	37.52 -0.53 -2.69	43.64 -0.86 -3.11	46.49 -1.23 -1.73	28.17 -0.40 0.00	22.14 -0.44 0.00	22.24 -0.41 0.00	23.18 -0.43 0.00	26.11 -0.50 0.00	27.39 -0.43 0.00	29.79 -0.50 0.00	40.46 -0.25 0.00	51.32 0.67 0.00	160.45 -0.17 -49.57	48.97 -0.39 -1.69	46.38 -0.46 0.00	32.16 -0.44 0.00	26.36 -0.42 0.00	21.30 -0.32 0.00
ONTARIO___LFGE 23819	22.56 -0.20 0.00	21.94 -0.28 0.00	20.02 -0.35 0.00	17.32 -0.36 0.00	16.98 -0.28 0.00	21.75 -0.19 0.00	36.14 0.02 -0.75	42.20 -0.06 -0.87	41.84 -0.40 3.74	21.57 0.05 7.05	22.39 -0.20 0.00	22.52 -0.13 0.00	23.52 -0.08 0.00	26.44 -0.16 0.00	27.68 -0.14 0.00	30.07 -0.21 0.00	40.59 -0.13 0.00	51.03 0.38 0.00	-2.14 1.18 114.36	42.23 0.02 5.47	46.71 -0.12 0.00	32.34 -0.25 0.00	26.65 -0.37 -0.24	21.21 -0.45 -0.04
ORANGEVILLE_WT_PWR 323706	21.98 -0.79 0.00	21.28 -0.94 0.00	19.31 -1.06 0.00	16.67 -1.01 0.00	16.35 -0.91 0.00	21.11 -0.83 0.00	34.60 -0.77 0.00	40.19 -1.21 0.00	38.74 -1.59 5.66	18.57 -0.61 9.38	22.03 -0.55 0.00	22.23 -0.42 0.00	23.31 -0.29 0.00	26.09 -0.51 0.00	27.36 -0.47 0.00	29.54 -0.75 0.00	39.57 -1.15 0.00	49.02 -1.63 0.00	-9.40 -2.45 118.00	40.42 -1.71 5.54	44.84 -1.99 0.00	30.83 -1.76 0.00	23.52 -1.69 1.57	19.75 -1.62 0.25
ORANGEVILLE___ESR 323794	21.98 -0.79 0.00	21.28 -0.94 0.00	19.31 -1.06 0.00	16.67 -1.01 0.00	16.35 -0.91 0.00	21.11 -0.83 0.00	34.60 -0.77 0.00	40.19 -1.21 0.00	38.74 -1.59 5.66	18.57 -0.61 9.38	22.03 -0.55 0.00	22.23 -0.42 0.00	23.31 -0.29 0.00	26.09 -0.51 0.00	27.36 -0.47 0.00	29.54 -0.75 0.00	39.57 -1.15 0.00	49.02 -1.63 0.00	-9.40 -2.45 118.00	40.42 -1.71 5.54	44.84 -1.99 0.00	30.83 -1.76 0.00	23.52 -1.69 1.57	19.75 -1.62 0.25
OSWEGATCHIE___HYD 24044	23.02 0.25 0.00	22.57 0.35 0.00	20.69 0.32 0.00	17.98 0.29 0.00	17.59 0.33 0.00	22.43 0.49 0.00	37.44 1.20 -0.87	43.86 1.45 -1.01	47.75 1.16 -0.60	28.97 0.41 0.00	22.79 0.20 0.00	22.81 0.16 0.00	23.83 0.22 0.00	26.84 0.24 0.00	28.14 0.31 0.00	30.62 0.32 0.00	41.11 0.40 0.00	51.73 1.08 0.00	114.32 3.28 0.00	49.18 1.51 0.00	48.34 1.51 0.00	33.40 0.80 0.00	27.37 0.59 0.00	21.93 0.31 0.00
OSWEGO___5 23606	22.12 -0.65 0.00	21.57 -0.65 0.00	19.78 -0.60 0.00	17.17 -0.52 0.00	16.76 -0.50 0.00	21.29 -0.65 0.00	44.26 -1.06 -9.95	51.37 -1.54 -11.51	70.39 -1.91 -26.31	60.76 -0.80 -33.00	21.86 -0.73 0.00	21.93 -0.72 0.00	22.86 -0.75 0.00	25.74 -0.86 0.00	26.94 -0.88 0.00	29.33 -0.96 0.00	39.41 -1.31 0.00	49.01 -1.64 0.00	121.29 -3.49 -13.73	47.64 -1.59 -1.56	45.23 -1.61 0.00	31.44 -1.15 0.00	25.81 -0.97 0.00	20.87 -0.75 0.00

OSWEGO___6 23613	22.12 -0.65 0.00	21.57 -0.65 0.00	19.78 -0.60 0.00	17.17 -0.52 0.00	16.76 -0.50 0.00	21.29 -0.65 0.00	44.26 -1.06 -9.95	51.37 -1.54 -11.51	70.39 -1.91 -26.31	60.76 -0.80 -33.00	21.86 -0.73 0.00	21.93 -0.72 0.00	22.86 -0.75 0.00	25.74 -0.86 0.00	26.94 -0.88 0.00	29.33 -0.96 0.00	39.41 -1.31 0.00	49.01 -1.64 0.00	121.29 -3.49 -13.73	47.64 -1.59 -1.56	45.23 -1.61 0.00	31.44 -1.15 0.00	25.81 -0.97 0.00	20.87 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	22.12 -0.65 0.00	21.36 -0.87 0.00	19.32 -1.05 0.00	16.66 -1.03 0.00	16.29 -0.97 0.00	21.05 -0.89 0.00	34.33 -1.03 0.00	39.62 -1.77 0.00	36.95 -2.29 6.75	16.85 -0.92 10.81	21.82 -0.76 0.00	21.97 -0.68 0.00	23.20 -0.41 0.00	25.90 -0.71 0.00	27.05 -0.77 0.00	29.17 -1.12 0.00	38.88 -1.84 0.00	47.92 -2.73 0.00	28.29 -4.45 78.30	41.37 -2.61 3.69	44.17 -2.67 0.00	30.66 -1.94 0.00	24.64 -1.73 0.41	20.15 -1.40 0.06
OXBOW___BTM 323836	21.91 -0.85 0.00	21.15 -1.08 0.00	19.13 -1.24 0.00	16.49 -1.19 0.00	16.13 -1.13 0.00	20.83 -1.10 0.00	33.98 -1.38 0.00	39.18 -2.22 0.00	36.48 -2.71 6.80	16.52 -1.15 10.89	21.62 -0.97 0.00	21.76 -0.88 0.00	23.00 -0.61 0.00	25.65 -0.95 0.00	26.80 -1.02 0.00	28.88 -1.41 0.00	38.49 -2.23 0.00	47.40 -3.26 0.00	28.40 -5.80 76.85	40.86 -3.19 3.62	43.66 -3.17 0.00	30.31 -2.29 0.00	24.39 -1.99 0.40	19.95 -1.61 0.06
OXBOW____ 24026	21.91 -0.85 0.00	21.15 -1.08 0.00	19.13 -1.24 0.00	16.49 -1.19 0.00	16.13 -1.13 0.00	20.83 -1.10 0.00	33.98 -1.39 0.00	39.19 -2.21 0.00	36.45 -2.73 6.80	16.50 -1.17 10.89	21.62 -0.97 0.00	21.77 -0.88 0.00	22.99 -0.61 0.00	25.65 -0.95 0.00	26.80 -1.02 0.00	28.88 -1.41 0.00	38.48 -2.24 0.00	47.37 -3.28 0.00	28.46 -5.74 76.85	40.93 -3.12 3.62	43.66 -3.18 0.00	30.31 -2.29 0.00	24.39 -1.99 0.40	19.97 -1.59 0.06
OXY_CHEM_DSASP 323612	21.62 -1.15 0.00	20.86 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.58 -2.81 0.00	35.75 -3.38 6.86	16.04 -1.55 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.90 -2.82 0.00	46.60 -4.05 0.00	28.09 -7.60 75.36	40.27 -3.85 3.55	42.95 -3.89 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.70 -1.86 0.06
OZONE_PARK_ESR 323760	24.18 1.41 0.00	23.57 1.35 0.00	21.59 1.21 0.00	18.74 1.06 0.00	18.29 1.03 0.00	23.25 1.31 0.00	37.41 2.04 0.00	43.75 2.35 0.00	48.93 2.94 0.00	30.71 2.14 0.00	24.59 2.01 0.00	24.67 2.02 0.00	25.64 2.04 0.00	28.99 2.38 0.00	30.29 2.46 0.00	32.99 2.71 0.00	44.30 3.59 0.00	54.83 4.18 0.00	119.84 8.80 0.00	51.20 3.53 0.00	50.02 3.18 0.00	35.07 2.48 0.00	28.91 2.13 0.00	23.37 1.75 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	21.62 -1.15 0.00	20.86 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.58 -2.81 0.00	35.75 -3.38 6.86	16.04 -1.55 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.90 -2.82 0.00	46.60 -4.05 0.00	28.09 -7.60 75.36	40.27 -3.85 3.55	42.95 -3.89 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.70 -1.86 0.06
PACKARD__115KV_DUPONT_184 80571	21.62 -1.15 0.00	20.86 -1.36 0.00	18.88 -1.50 0.00	16.27 -1.42 0.00	15.91 -1.35 0.00	20.54 -1.40 0.00	33.48 -1.88 0.00	38.58 -2.81 0.00	35.75 -3.38 6.86	16.04 -1.55 10.98	21.32 -1.26 0.00	21.47 -1.18 0.00	22.69 -0.92 0.00	25.31 -1.30 0.00	26.43 -1.39 0.00	28.46 -1.83 0.00	37.90 -2.82 0.00	46.60 -4.05 0.00	28.09 -7.60 75.36	40.27 -3.85 3.55	42.95 -3.89 0.00	29.82 -2.77 0.00	24.03 -2.36 0.39	19.70 -1.86 0.06
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.97 1.21 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.17 0.91 0.00	23.07 1.13 0.00	37.09 1.73 0.00	43.33 1.93 0.00	48.48 2.49 0.00	30.42 1.86 0.00	24.28 1.70 0.00	24.36 1.71 0.00	25.28 1.67 0.00	28.62 2.01 0.00	29.87 2.05 0.00	32.54 2.25 0.00	43.66 2.94 0.00	54.16 3.51 0.00	118.40 7.35 0.00	50.62 2.95 0.00	49.53 2.70 0.00	34.79 2.19 0.00	28.71 1.92 0.00	23.26 1.64 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.97 1.21 0.00	23.40 1.18 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.16 1.80 0.00	43.39 1.99 0.00	48.53 2.54 0.00	30.43 1.87 0.00	24.29 1.70 0.00	24.36 1.71 0.00	25.28 1.67 0.00	28.62 2.01 0.00	29.87 2.05 0.00	32.54 2.25 0.00	43.66 2.94 0.00	54.16 3.51 0.00	118.40 7.35 0.00	50.62 2.95 0.00	49.53 2.70 0.00	34.79 2.19 0.00	28.71 1.92 0.00	23.26 1.64 0.00
PATROON__115KV_TB1 80586	23.24 0.47 0.00	22.70 0.47 0.00	20.83 0.46 0.00	18.12 0.44 0.00	17.68 0.42 0.00	22.51 0.57 0.00	36.11 0.75 0.00	42.18 0.78 0.00	46.95 0.96 0.00	29.16 0.59 0.00	23.17 0.59 0.00	23.21 0.57 0.00	24.14 0.53 0.00	27.24 0.64 0.00	28.47 0.65 0.00	31.06 0.77 0.00	42.04 1.32 0.00	52.46 1.81 0.00	114.74 3.69 0.00	48.99 1.33 0.00	48.14 1.31 0.00	33.49 0.89 0.00	27.64 0.86 0.00	22.38 0.76 0.00
PATTRSNVILLE___SOLAR 323815	23.60 0.83 0.00	23.04 0.81 0.00	21.13 0.76 0.00	18.36 0.68 0.00	17.93 0.67 0.00	22.81 0.87 0.00	36.81 1.44 0.00	43.04 1.64 0.00	47.54 1.55 0.00	29.31 0.75 0.00	23.13 0.55 0.00	23.16 0.51 0.00	24.12 0.51 0.00	27.21 0.60 0.00	28.46 0.64 0.00	31.08 0.79 0.00	42.19 1.47 0.00	52.94 2.29 0.00	116.23 5.18 0.00	49.75 2.08 0.00	48.83 2.00 0.00	33.97 1.38 0.00	27.96 1.18 0.00	22.58 0.96 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	22.39 -0.38 0.00	21.65 -0.57 0.00	19.61 -0.76 0.00	16.92 -0.77 0.00	16.58 -0.68 0.00	21.39 -0.55 0.00	34.97 -0.40 0.00	40.57 -0.82 0.00	38.41 -1.22 6.36	18.04 -0.35 10.17	22.31 -0.28 0.00	22.49 -0.16 0.00	23.70 0.09 0.00	26.48 -0.13 0.00	27.68 -0.14 0.00	29.85 -0.44 0.00	39.88 -0.84 0.00	49.23 -1.42 0.00	19.78 -1.60 89.66	42.05 -1.41 4.22	45.24 -1.60 0.00	31.28 -1.32 0.00	25.14 -1.21 0.43	20.49 -1.06 0.07
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	23.96 1.20 0.00	23.40 1.18 0.00	21.44 1.07 0.00	18.63 0.95 0.00	18.18 0.92 0.00	23.13 1.19 0.00	37.29 1.93 0.00	43.65 2.25 0.00	48.69 2.70 0.00	30.46 1.90 0.00	24.31 1.73 0.00	24.38 1.73 0.00	25.34 1.73 0.00	28.64 2.03 0.00	29.95 2.12 0.00	32.63 2.34 0.00	43.96 3.25 0.00	54.55 3.90 0.00	119.20 8.15 0.00	50.92 3.25 0.00	49.79 2.96 0.00	34.81 2.22 0.00	28.69 1.92 0.00	23.18 1.56 0.00
PEEKSKILL____ 23653	23.74 0.98 0.00	23.20 0.98 0.00	21.26 0.89 0.00	18.47 0.78 0.00	18.03 0.77 0.00	22.91 0.97 0.00	36.86 1.50 0.00	43.09 1.69 0.00	48.09 2.10 0.00	30.11 1.55 0.00	24.06 1.47 0.00	24.12 1.47 0.00	25.07 1.46 0.00	28.34 1.74 0.00	29.61 1.79 0.00	32.26 1.97 0.00	43.37 2.65 0.00	53.76 3.10 0.00	117.64 6.59 0.00	50.26 2.59 0.00	49.11 2.28 0.00	34.41 1.82 0.00	28.41 1.63 0.00	22.97 1.35 0.00

PGE MADISON___WINDPWR 24146	24.12 1.35 0.00	23.56 1.34 0.00	21.48 1.11 0.00	18.65 0.96 0.00	18.31 1.05 0.00	23.49 1.55 0.00	39.09 3.07 -0.66	45.77 3.60 -0.77	47.94 3.30 1.35	27.37 1.85 3.05	23.76 1.18 0.00	23.86 1.21 0.00	24.85 1.25 0.00	27.91 1.31 0.00	29.20 1.37 0.00	31.88 1.59 0.00	43.42 2.71 0.00	54.92 4.27 0.00	647.77 10.70 -526.03	75.29 3.87 -23.75	50.22 3.38 0.00	34.39 1.80 0.00	28.03 1.15 -0.10	22.29 0.66 -0.02
PIERCEFIELD___HYD 23852	23.38 0.61 0.00	22.86 0.64 0.00	20.92 0.55 0.00	18.14 0.46 0.00	17.70 0.44 0.00	22.54 0.60 0.00	37.03 1.20 -0.47	43.37 1.43 -0.54	47.55 1.23 -0.34	29.09 0.52 0.00	22.95 0.36 0.00	22.97 0.32 0.00	24.03 0.43 0.00	27.06 0.46 0.00	28.31 0.49 0.00	30.77 0.48 0.00	41.07 0.35 0.00	51.16 0.51 0.00	113.01 1.97 0.00	49.03 1.36 0.00	48.48 1.65 0.00	33.71 1.11 0.00	27.55 0.77 0.00	22.10 0.48 0.00
PINELAWN_CC_1 323563	23.83 1.06 0.00	23.30 1.08 0.00	21.31 0.93 0.00	18.54 0.85 0.00	18.05 0.79 0.00	22.97 1.02 0.00	36.80 1.44 0.00	43.02 1.63 0.00	33.00 1.94 14.94	8.54 1.38 21.41	24.15 1.56 0.00	24.22 1.57 0.00	25.10 1.50 0.00	28.59 1.98 0.00	29.88 2.05 0.00	32.45 2.16 0.00	43.58 2.95 0.09	52.49 3.04 1.20	61.59 6.40 55.86	45.05 2.62 5.24	49.30 2.47 0.00	34.72 2.13 0.00	28.85 2.07 0.00	23.45 1.83 0.00
PJM_GEN_HTP_PROXY 323702	23.89 1.12 0.00	23.34 1.11 0.00	21.39 1.01 0.00	18.58 0.89 0.00	18.13 0.87 0.00	23.04 1.10 0.00	37.04 1.68 0.00	43.31 1.91 0.00	48.41 2.42 0.00	30.38 1.81 0.00	24.31 1.73 0.00	24.40 1.75 0.00	25.35 1.74 0.00	28.66 2.05 0.00	29.94 2.11 0.00	32.62 2.33 0.00	43.81 3.09 0.00	54.22 3.57 0.00	118.53 7.48 0.00	51.64 2.94 -1.03	49.39 2.62 0.07	34.67 2.08 0.00	28.60 1.82 0.00	23.13 1.51 0.00
PJM_GEN_KEystone 24065	22.83 0.07 0.00	22.26 0.03 0.00	20.30 -0.07 0.00	17.57 -0.11 0.00	17.20 -0.06 0.00	21.99 0.05 0.00	35.64 0.28 0.00	41.57 0.17 0.00	43.09 0.12 3.02	23.80 0.36 5.12	22.94 0.36 0.00	23.10 0.45 0.00	24.13 0.52 0.00	27.14 0.54 0.00	28.39 0.56 0.00	30.78 0.49 0.00	41.11 0.55 0.16	51.06 0.40 0.00	56.55 1.27 55.76	46.27 0.20 1.60	45.39 -0.04 1.41	32.52 0.02 0.09	26.79 0.09 0.08	21.62 0.01 0.01
PJM_GEN_NEPTUNE_PROXY 323594	23.71 0.94 0.00	23.18 0.96 0.00	21.22 0.85 0.00	18.45 0.76 0.00	17.98 0.71 0.00	22.85 0.90 0.00	36.64 1.28 0.00	42.80 1.40 0.00	29.56 1.75 18.18	3.86 1.35 26.06	24.05 1.47 0.00	24.14 1.49 0.00	25.05 1.44 0.00	28.43 1.83 0.00	29.71 1.88 0.00	32.28 1.99 0.00	43.25 2.67 0.14	51.84 2.85 1.67	50.83 5.91 66.13	44.92 2.30 5.05	48.83 2.06 0.07	34.50 1.90 0.00	28.61 1.83 0.00	23.23 1.61 0.00
PJM_GEN_VFT_PROXY 323633	23.84 1.08 0.00	23.30 1.08 0.00	21.36 0.98 0.00	18.55 0.86 0.00	18.10 0.84 0.00	22.99 1.05 0.00	36.93 1.57 0.00	43.15 1.75 0.00	48.21 2.22 0.00	30.27 1.70 0.00	24.25 1.66 0.00	24.31 1.67 0.00	25.25 1.65 0.00	28.56 1.95 0.00	29.82 2.00 0.00	32.50 2.22 0.00	43.62 2.90 0.00	53.96 3.31 0.00	118.05 7.00 0.00	51.44 2.75 -1.03	49.17 2.41 0.07	34.54 1.95 0.00	28.52 1.74 0.00	23.08 1.45 0.00
PLATSBURG_115KV_PMLD1 355749	23.91 1.15 0.00	23.37 1.15 0.00	21.40 1.03 0.00	18.60 0.91 0.00	18.10 0.84 0.00	22.81 0.87 0.00	36.91 1.55 0.00	42.96 1.56 0.00	47.25 1.26 0.00	29.20 0.63 0.00	23.01 0.43 0.00	23.05 0.40 0.00	24.02 0.41 0.00	27.06 0.46 0.00	28.36 0.54 0.00	30.97 0.68 0.00	41.12 0.41 0.00	51.36 0.71 0.00	112.64 1.59 0.00	49.09 1.42 0.00	48.65 1.81 0.00	33.86 1.27 0.00	27.78 1.00 0.00	22.33 0.71 0.00
PLEASANTVLY___LBMP 24000	23.68 0.92 0.00	23.15 0.92 0.00	21.22 0.85 0.00	18.44 0.75 0.00	18.00 0.74 0.00	22.87 0.93 0.00	36.76 1.40 0.00	42.96 1.57 0.00	47.95 1.96 0.00	29.99 1.42 0.00	23.95 1.36 0.00	24.02 1.37 0.00	24.95 1.34 0.00	28.20 1.59 0.00	29.44 1.61 0.00	32.07 1.78 0.00	43.17 2.46 0.00	53.58 2.93 0.00	117.17 6.13 0.00	50.07 2.40 0.00	49.04 2.20 0.00	34.29 1.70 0.00	28.31 1.53 0.00	22.89 1.27 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.81 1.05 0.00	23.28 1.05 0.00	21.34 0.96 0.00	18.53 0.85 0.00	18.08 0.82 0.00	23.00 1.06 0.00	36.96 1.60 0.00	43.23 1.84 0.00	48.27 2.28 0.00	30.23 1.66 0.00	24.17 1.58 0.00	24.23 1.59 0.00	25.19 1.58 0.00	28.46 1.86 0.00	29.75 1.92 0.00	32.39 2.10 0.00	43.57 2.85 0.00	54.00 3.35 0.00	118.08 7.04 0.00	50.45 2.78 0.00	49.34 2.50 0.00	34.55 1.95 0.00	28.51 1.73 0.00	23.05 1.43 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.81 1.05 0.00	23.28 1.05 0.00	21.34 0.96 0.00	18.53 0.85 0.00	18.08 0.82 0.00	23.00 1.06 0.00	36.96 1.60 0.00	43.23 1.84 0.00	48.27 2.28 0.00	30.23 1.66 0.00	24.17 1.58 0.00	24.23 1.59 0.00	25.19 1.58 0.00	28.46 1.86 0.00	29.75 1.92 0.00	32.39 2.10 0.00	43.57 2.85 0.00	54.00 3.35 0.00	118.08 7.04 0.00	50.45 2.78 0.00	49.34 2.50 0.00	34.55 1.95 0.00	28.51 1.73 0.00	23.05 1.43 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.87 1.11 0.00	23.32 1.09 0.00	21.37 1.00 0.00	18.57 0.88 0.00	18.12 0.86 0.00	23.05 1.11 0.00	37.11 1.75 0.00	43.42 2.02 0.00	48.42 2.43 0.00	30.26 1.70 0.00	24.13 1.55 0.00	24.19 1.54 0.00	25.14 1.53 0.00	28.39 1.79 0.00	29.67 1.85 0.00	32.35 2.06 0.00	43.62 2.90 0.00	54.19 3.54 0.00	118.54 7.49 0.00	50.66 3.00 0.00	49.58 2.75 0.00	34.65 2.06 0.00	28.56 1.78 0.00	23.07 1.45 0.00
POLETTI___ 23519	23.92 1.16 0.00	23.38 1.16 0.00	21.43 1.06 0.00	18.61 0.93 0.00	18.16 0.90 0.00	23.07 1.13 0.00	37.07 1.71 0.00	43.34 1.94 0.00	48.46 2.47 0.00	30.43 1.86 0.00	24.37 1.79 0.00	24.44 1.79 0.00	25.38 1.78 0.00	28.71 2.11 0.00	29.98 2.16 0.00	32.67 2.38 0.00	43.85 3.14 0.00	54.28 3.64 0.00	118.61 7.57 0.00	50.66 2.99 0.00	49.51 2.67 0.00	34.71 2.11 0.00	28.60 1.82 0.00	23.13 1.51 0.00
POMONA___ESR 323819	23.67 0.91 0.00	23.15 0.93 0.00	21.20 0.82 0.00	18.40 0.72 0.00	17.97 0.71 0.00	22.84 0.90 0.00	36.78 1.42 0.00	43.01 1.61 0.00	47.94 1.94 0.00	30.00 1.43 0.00	23.93 1.35 0.00	23.99 1.34 0.00	24.95 1.34 0.00	28.21 1.60 0.00	29.47 1.65 0.00	32.11 1.82 0.00	43.14 2.42 0.00	53.50 2.85 0.00	117.19 6.14 0.00	50.05 2.38 0.00	48.85 2.01 0.00	34.24 1.64 0.00	28.30 1.52 0.00	22.86 1.24 0.00
PORT_JEFF_3 23555	23.62 0.85 0.00	23.11 0.88 0.00	21.13 0.75 0.00	18.38 0.70 0.00	17.91 0.65 0.00	22.83 0.89 0.00	36.41 1.05 0.00	42.43 1.03 0.00	30.57 1.27 16.69	5.56 0.91 23.92	23.89 1.31 0.00	24.01 1.37 0.00	24.85 1.25 0.00	28.37 1.77 0.00	29.56 1.74 0.00	32.07 1.78 0.00	42.99 2.38 0.11	51.47 2.18 1.36	54.00 4.38 61.43	43.83 1.87 5.71	48.77 1.94 0.00	34.38 1.78 0.00	28.78 2.00 0.00	23.44 1.82 0.00

PORT_JEFF_4 23616	23.62 0.85 0.00	23.11 0.88 0.00	21.13 0.75 0.00	18.38 0.70 0.00	17.91 0.65 0.00	22.83 0.89 0.00	36.41 1.05 0.00	42.43 1.03 0.00	30.57 1.27 16.69	5.56 0.91 23.92	23.89 1.31 0.00	24.01 1.37 0.00	24.85 1.25 0.00	28.37 1.77 0.00	29.56 1.74 0.00	32.07 1.78 0.00	42.99 2.38 0.11	51.47 2.18 1.36	54.00 4.38 61.43	43.83 1.87 5.71	48.77 1.94 0.00	34.38 1.78 0.00	28.78 2.00 0.00	23.44 1.82 0.00
PORT_JEFF_IC 23713	23.62 0.85 0.00	23.11 0.89 0.00	21.13 0.76 0.00	18.38 0.70 0.00	17.91 0.65 0.00	22.84 0.90 0.00	36.48 1.12 0.00	42.54 1.15 0.00	30.73 1.39 16.64	5.67 0.96 23.85	23.90 1.32 0.00	24.01 1.36 0.00	24.87 1.26 0.00	28.42 1.81 0.00	29.64 1.82 0.00	32.17 1.88 0.00	43.11 2.50 0.10	51.64 2.35 1.36	54.30 4.53 61.28	43.93 1.95 5.69	48.92 2.08 0.00	34.46 1.87 0.00	28.81 2.03 0.00	23.45 1.84 0.00
PPL_PILGRIM_ST_GT1 24216	23.89 1.13 0.00	23.38 1.16 0.00	21.37 1.00 0.00	18.59 0.91 0.00	18.12 0.85 0.00	23.05 1.11 0.00	36.92 1.55 0.00	43.12 1.72 0.00	31.59 2.03 16.42	6.45 1.43 23.54	24.22 1.63 0.00	24.30 1.65 0.00	25.16 1.56 0.00	28.72 2.12 0.00	30.01 2.18 0.00	32.60 2.30 0.00	43.69 3.07 0.10	52.01 2.68 1.33	56.24 5.78 60.59	44.63 2.60 5.64	49.39 2.55 0.00	34.83 2.23 0.00	28.96 2.18 0.00	23.56 1.94 0.00
PPL_PILGRIM_ST_GT2 24217	23.89 1.13 0.00	23.38 1.16 0.00	21.37 1.00 0.00	18.59 0.91 0.00	18.12 0.85 0.00	23.05 1.11 0.00	36.92 1.55 0.00	43.12 1.72 0.00	31.59 2.03 16.42	6.45 1.43 23.54	24.22 1.63 0.00	24.30 1.65 0.00	25.16 1.56 0.00	28.72 2.12 0.00	30.01 2.18 0.00	32.60 2.30 0.00	43.69 3.07 0.10	52.01 2.68 1.33	56.24 5.78 60.59	44.63 2.60 5.64	49.39 2.55 0.00	34.83 2.23 0.00	28.96 2.18 0.00	23.56 1.94 0.00
PPL_SHRM_GT3 24213	23.35 0.59 0.00	22.85 0.62 0.00	20.89 0.51 0.00	18.18 0.49 0.00	17.71 0.45 0.00	22.78 0.84 0.00	36.73 1.36 0.00	42.82 1.42 0.00	30.89 1.57 16.67	5.36 0.69 23.90	23.60 1.02 0.00	23.69 1.04 0.00	24.52 0.92 0.00	28.40 1.80 0.00	29.76 1.94 0.00	32.32 2.03 0.00	43.41 2.80 0.11	51.99 2.70 1.36	54.59 4.92 61.38	44.25 2.28 5.70	49.32 2.49 0.00	34.58 1.99 0.00	28.89 2.11 0.00	23.52 1.90 0.00
PPL_SHRM_GT4 24214	23.35 0.59 0.00	22.85 0.62 0.00	20.89 0.51 0.00	18.18 0.49 0.00	17.71 0.45 0.00	22.78 0.84 0.00	36.73 1.36 0.00	42.82 1.42 0.00	30.89 1.57 16.67	5.36 0.69 23.90	23.60 1.02 0.00	23.69 1.04 0.00	24.52 0.92 0.00	28.40 1.80 0.00	29.76 1.94 0.00	32.32 2.03 0.00	43.41 2.80 0.11	51.99 2.70 1.36	54.59 4.92 61.38	44.25 2.28 5.70	49.32 2.49 0.00	34.58 1.99 0.00	28.89 2.11 0.00	23.52 1.90 0.00
PROJECT___ORANGE 1 24174	22.32 -0.44 0.00	21.77 -0.46 0.00	19.94 -0.43 0.00	17.30 -0.38 0.00	16.90 -0.35 0.00	21.49 -0.44 0.00	36.23 -0.67 -1.54	42.13 -1.04 -1.78	43.10 -1.36 1.53	23.86 -0.50 4.20	22.09 -0.50 0.00	22.17 -0.48 0.00	23.11 -0.49 0.00	26.04 -0.57 0.00	27.26 -0.56 0.00	29.68 -0.61 0.00	40.04 -0.68 0.00	50.10 -0.55 0.00	152.62 -1.16 -42.74	49.12 -0.76 -2.22	46.00 -0.84 0.00	31.94 -0.65 0.00	26.19 -0.58 0.00	21.16 -0.46 0.00
PROJECT___ORANGE 2 24166	22.32 -0.44 0.00	21.77 -0.46 0.00	19.94 -0.43 0.00	17.30 -0.38 0.00	16.90 -0.35 0.00	21.49 -0.44 0.00	36.23 -0.67 -1.54	42.13 -1.04 -1.78	43.10 -1.36 1.53	23.86 -0.50 4.20	22.09 -0.50 0.00	22.17 -0.48 0.00	23.11 -0.49 0.00	26.04 -0.57 0.00	27.26 -0.56 0.00	29.68 -0.61 0.00	40.04 -0.68 0.00	50.10 -0.55 0.00	152.62 -1.16 -42.74	49.12 -0.76 -2.22	46.00 -0.84 0.00	31.94 -0.65 0.00	26.19 -0.58 0.00	21.16 -0.46 0.00
PUCKETT___SOLAR 323809	23.24 0.47 0.00	22.68 0.45 0.00	20.74 0.36 0.00	17.96 0.27 0.00	17.60 0.34 0.00	22.50 0.56 0.00	36.59 1.23 0.00	42.87 1.47 0.00	45.08 1.31 2.23	25.45 0.82 3.94	23.12 0.53 0.00	23.27 0.63 0.00	24.25 0.64 0.00	27.23 0.62 0.00	28.49 0.67 0.00	31.03 0.74 0.00	41.93 1.22 0.00	52.24 1.59 0.00	114.79 3.74 0.00	49.09 1.42 0.00	48.11 1.28 0.00	33.25 0.66 0.00	27.31 0.46 -0.07	21.80 0.17 -0.01
PYRITES___HYD 24023	23.78 1.01 0.00	23.25 1.02 0.00	21.25 0.88 0.00	18.41 0.73 0.00	17.99 0.73 0.00	22.93 0.99 0.00	37.68 1.89 -0.43	44.16 2.26 -0.50	48.30 2.00 -0.32	29.39 0.82 0.00	23.11 0.52 0.00	23.13 0.48 0.00	24.23 0.62 0.00	27.28 0.67 0.00	28.54 0.72 0.00	31.00 0.71 0.00	41.43 0.71 0.00	51.76 1.11 0.00	114.95 3.91 0.00	49.94 2.27 0.00	49.40 2.57 0.00	34.35 1.75 0.00	28.05 1.26 0.00	22.48 0.86 0.00
QUAKERRD_115KV_BK1 80622	21.86 -0.91 0.00	21.21 -1.01 0.00	19.32 -1.05 0.00	16.72 -0.96 0.00	16.35 -0.91 0.00	20.94 -1.00 0.00	34.02 -1.34 0.00	39.51 -1.89 0.00	36.07 -2.33 7.59	15.35 -1.08 12.14	21.62 -0.96 0.00	21.74 -0.91 0.00	22.81 -0.80 0.00	25.62 -0.98 0.00	26.79 -1.03 0.00	29.05 -1.24 0.00	39.03 -1.69 0.00	48.56 -2.09 0.00	57.48 -4.31 49.26	43.18 -2.15 2.34	44.58 -2.25 0.00	30.90 -1.70 0.00	25.27 -1.51 0.00	20.40 -1.22 0.00
QUENSBRY_115KV_TB8 356137	23.77 1.01 0.00	23.20 0.97 0.00	21.27 0.90 0.00	18.47 0.79 0.00	18.02 0.76 0.00	23.08 1.14 0.00	37.32 1.96 0.00	43.74 2.34 0.00	48.23 2.23 0.00	29.65 1.08 0.00	23.45 0.86 0.00	23.50 0.85 0.00	24.43 0.83 0.00	27.48 0.87 0.00	28.79 0.97 0.00	31.50 1.21 0.00	42.99 2.27 0.00	53.66 3.01 0.00	117.57 6.53 0.00	50.29 2.63 0.00	49.35 2.51 0.00	34.29 1.69 0.00	28.28 1.50 0.00	22.92 1.29 0.00
RAMAPO___LBMP 323565	23.61 0.84 0.00	23.08 0.86 0.00	21.15 0.77 0.00	18.36 0.68 0.00	17.93 0.67 0.00	22.78 0.85 0.00	36.68 1.32 0.00	42.89 1.49 0.00	47.82 1.83 0.00	29.92 1.35 0.00	23.86 1.27 0.00	23.91 1.26 0.00	24.86 1.25 0.00	28.11 1.50 0.00	29.38 1.56 0.00	32.00 1.71 0.00	43.01 2.30 0.00	53.35 2.70 0.00	116.85 5.80 0.00	49.92 2.25 0.00	48.72 1.88 0.00	34.15 1.56 0.00	28.23 1.44 0.00	22.80 1.18 0.00
RANKINE____ 23646	22.21 -0.55 0.00	21.46 -0.77 0.00	19.44 -0.93 0.00	16.76 -0.93 0.00	16.42 -0.84 0.00	21.20 -0.74 0.00	34.64 -0.73 0.00	40.13 -1.26 0.00	37.85 -1.66 6.48	17.62 -0.57 10.37	22.09 -0.49 0.00	22.27 -0.38 0.00	23.47 -0.14 0.00	26.22 -0.38 0.00	27.42 -0.40 0.00	29.58 -0.71 0.00	39.47 -1.25 0.00	48.71 -1.94 0.00	20.30 -3.02 87.73	41.59 -1.95 4.13	44.71 -2.12 0.00	30.90 -1.69 0.00	24.73 -1.55 0.50	20.21 -1.33 0.08
RAVENSWOOD_GT2_1 24244	23.94 1.18 0.00	23.39 1.17 0.00	21.44 1.07 0.00	18.62 0.93 0.00	18.17 0.91 0.00	23.09 1.15 0.00	37.10 1.74 0.00	43.35 1.95 0.00	48.48 2.49 0.00	30.43 1.87 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.39 1.78 0.00	28.71 2.11 0.00	29.99 2.16 0.00	32.66 2.37 0.00	43.85 3.14 0.00	54.29 3.64 0.00	118.67 7.62 0.00	50.68 3.01 0.00	49.54 2.70 0.00	34.74 2.14 0.00	28.65 1.86 0.00	23.17 1.55 0.00

RAVENSWOOD_GT2_2 24245	23.94 1.18 0.00	23.39 1.17 0.00	21.44 1.07 0.00	18.62 0.93 0.00	18.17 0.91 0.00	23.09 1.15 0.00	37.10 1.74 0.00	43.35 1.95 0.00	48.48 2.49 0.00	30.43 1.87 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.39 1.78 0.00	28.71 2.11 0.00	29.99 2.16 0.00	32.66 2.37 0.00	43.85 3.14 0.00	54.29 3.64 0.00	118.67 7.62 0.00	50.68 3.01 0.00	49.54 2.70 0.00	34.74 2.14 0.00	28.65 1.86 0.00	23.17 1.55 0.00
RAVENSWOOD_GT2_3 24246	23.95 1.19 0.00	23.40 1.18 0.00	21.44 1.07 0.00	18.63 0.94 0.00	18.17 0.91 0.00	23.09 1.16 0.00	37.11 1.75 0.00	43.38 1.98 0.00	48.50 2.51 0.00	30.45 1.88 0.00	24.38 1.79 0.00	24.45 1.80 0.00	25.40 1.79 0.00	28.72 2.12 0.00	30.00 2.18 0.00	32.68 2.39 0.00	43.87 3.16 0.00	54.30 3.65 0.00	118.70 7.66 0.00	50.69 3.02 0.00	49.56 2.73 0.00	34.75 2.15 0.00	28.66 1.88 0.00	23.18 1.56 0.00
RAVENSWOOD_GT2_4 24247	23.95 1.19 0.00	23.40 1.18 0.00	21.44 1.07 0.00	18.63 0.94 0.00	18.17 0.91 0.00	23.09 1.16 0.00	37.11 1.75 0.00	43.38 1.98 0.00	48.50 2.51 0.00	30.45 1.88 0.00	24.38 1.79 0.00	24.45 1.80 0.00	25.40 1.79 0.00	28.72 2.12 0.00	30.00 2.18 0.00	32.68 2.39 0.00	43.87 3.16 0.00	54.30 3.65 0.00	118.70 7.66 0.00	50.69 3.02 0.00	49.56 2.73 0.00	34.75 2.15 0.00	28.66 1.88 0.00	23.18 1.56 0.00
RAVENSWOOD_GT3_1 24248	23.94 1.18 0.00	23.39 1.17 0.00	21.44 1.07 0.00	18.62 0.93 0.00	18.17 0.91 0.00	23.09 1.15 0.00	37.10 1.74 0.00	43.35 1.95 0.00	48.47 2.48 0.00	30.43 1.86 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.39 1.78 0.00	28.71 2.11 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.85 3.14 0.00	54.29 3.64 0.00	118.63 7.59 0.00	50.68 3.01 0.00	49.53 2.70 0.00	34.73 2.14 0.00	28.65 1.86 0.00	23.17 1.55 0.00
RAVENSWOOD_GT3_2 24249	23.94 1.18 0.00	23.39 1.17 0.00	21.44 1.07 0.00	18.62 0.93 0.00	18.17 0.91 0.00	23.09 1.15 0.00	37.10 1.74 0.00	43.35 1.95 0.00	48.47 2.48 0.00	30.43 1.86 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.39 1.78 0.00	28.71 2.11 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.85 3.14 0.00	54.29 3.64 0.00	118.63 7.59 0.00	50.68 3.01 0.00	49.53 2.70 0.00	34.73 2.14 0.00	28.65 1.86 0.00	23.17 1.55 0.00
RAVENSWOOD_GT3_3 24250	23.98 1.21 0.00	23.42 1.20 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.19 0.93 0.00	23.12 1.18 0.00	37.15 1.79 0.00	43.42 2.02 0.00	48.56 2.57 0.00	30.48 1.91 0.00	24.41 1.82 0.00	24.48 1.84 0.00	25.44 1.83 0.00	28.76 2.16 0.00	30.04 2.22 0.00	32.73 2.44 0.00	43.93 3.22 0.00	54.39 3.74 0.00	118.84 7.80 0.00	50.76 3.09 0.00	49.62 2.79 0.00	34.80 2.20 0.00	28.69 1.92 0.00	23.21 1.59 0.00
RAVENSWOOD_GT3_4 24251	23.98 1.21 0.00	23.42 1.20 0.00	21.46 1.09 0.00	18.64 0.96 0.00	18.19 0.93 0.00	23.12 1.18 0.00	37.15 1.79 0.00	43.42 2.02 0.00	48.56 2.57 0.00	30.48 1.91 0.00	24.41 1.82 0.00	24.48 1.84 0.00	25.44 1.83 0.00	28.76 2.16 0.00	30.04 2.22 0.00	32.73 2.44 0.00	43.93 3.22 0.00	54.39 3.74 0.00	118.84 7.80 0.00	50.76 3.09 0.00	49.62 2.79 0.00	34.80 2.20 0.00	28.69 1.92 0.00	23.21 1.59 0.00
RAVENSWOOD_GT_1 23729	23.98 1.21 0.00	23.42 1.20 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.20 0.94 0.00	23.12 1.18 0.00	37.11 1.75 0.00	43.37 1.97 0.00	48.54 2.55 0.00	30														

RAVENSWOOD_GT_9 24257	23.94 1.17 0.00	23.39 1.17 0.00	21.44 1.07 0.00	18.62 0.93 0.00	18.17 0.91 0.00	23.09 1.15 0.00	37.10 1.74 0.00	43.35 1.95 0.00	48.47 2.48 0.00	30.43 1.86 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.39 1.78 0.00	28.71 2.11 0.00	29.98 2.16 0.00	32.66 2.37 0.00	43.85 3.14 0.00	54.29 3.64 0.00	118.65 7.60 0.00	50.68 3.01 0.00	49.54 2.70 0.00	34.73 2.14 0.00	28.65 1.86 0.00	23.17 1.55 0.00
RAVENSWOOD___1 23533	23.95 1.19 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.62 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.08 1.71 0.00	43.34 1.94 0.00	48.49 2.50 0.00	30.48 1.92 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.41 1.80 0.00	28.74 2.13 0.00	30.01 2.19 0.00	32.68 2.39 0.00	43.82 3.10 0.00	54.25 3.60 0.00	118.60 7.55 0.00	50.66 2.99 0.00	49.53 2.70 0.00	34.78 2.18 0.00	28.67 1.89 0.00	23.20 1.58 0.00
RAVENSWOOD___2 23534	23.95 1.19 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.62 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.08 1.71 0.00	43.34 1.94 0.00	48.49 2.50 0.00	30.48 1.92 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.41 1.80 0.00	28.74 2.13 0.00	30.01 2.19 0.00	32.68 2.39 0.00	43.82 3.10 0.00	54.25 3.60 0.00	118.60 7.55 0.00	50.66 2.99 0.00	49.53 2.70 0.00	34.78 2.18 0.00	28.67 1.89 0.00	23.20 1.58 0.00
RAVENSWOOD___3 23535	23.94 1.17 0.00	23.39 1.17 0.00	21.44 1.07 0.00	18.62 0.93 0.00	18.17 0.91 0.00	23.09 1.15 0.00	37.10 1.73 0.00	43.35 1.95 0.00	48.47 2.48 0.00	30.42 1.86 0.00	24.36 1.78 0.00	24.44 1.79 0.00	25.39 1.78 0.00	28.71 2.10 0.00	29.99 2.16 0.00	32.66 2.37 0.00	43.85 3.13 0.00	54.27 3.62 0.00	118.66 7.61 0.00	50.69 3.02 0.00	49.54 2.71 0.00	34.74 2.14 0.00	28.64 1.86 0.00	23.17 1.55 0.00
RAVENSWOOD___4 23820	23.95 1.19 0.00	23.39 1.17 0.00	21.45 1.08 0.00	18.62 0.94 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.08 1.71 0.00	43.34 1.94 0.00	48.49 2.50 0.00	30.48 1.92 0.00	24.38 1.80 0.00	24.47 1.82 0.00	25.41 1.80 0.00	28.74 2.13 0.00	30.01 2.19 0.00	32.68 2.39 0.00	43.82 3.10 0.00	54.25 3.60 0.00	118.60 7.55 0.00	50.66 2.99 0.00	49.53 2.70 0.00	34.78 2.18 0.00	28.67 1.89 0.00	23.20 1.58 0.00
RCPL_TRUST___DRP 24196	23.90 1.14 0.00	23.36 1.13 0.00	21.40 1.03 0.00	18.59 0.91 0.00	18.14 0.88 0.00	23.05 1.11 0.00	37.08 1.71 0.00	43.35 1.95 0.00	48.47 2.47 0.00	30.41 1.85 0.00	24.35 1.77 0.00	24.43 1.78 0.00	25.38 1.78 0.00	28.71 2.10 0.00	29.98 2.16 0.00	32.67 2.38 0.00	43.88 3.17 0.00	54.30 3.65 0.00	118.67 7.63 0.00	50.66 2.99 0.00	49.51 2.68 0.00	34.71 2.11 0.00	28.63 1.85 0.00	23.15 1.53 0.00
RED___ROCHESTER 323720	22.39 -0.37 0.00	21.70 -0.52 0.00	19.74 -0.64 0.00	17.07 -0.61 0.00	16.69 -0.57 0.00	21.42 -0.52 0.00	34.85 -0.51 0.00	40.47 -0.93 0.00	37.26 -1.26 7.48	16.20 -0.41 11.96	22.14 -0.44 0.00	22.27 -0.38 0.00	23.40 -0.20 0.00	26.28 -0.32 0.00	27.49 -0.34 0.00	29.77 -0.52 0.00	39.98 -0.74 0.00	49.74 -0.91 0.00	60.61 -1.60 48.84	44.30 -1.05 2.32	45.66 -1.17 0.00	31.62 -0.98 0.00	25.83 -0.95 0.00	20.84 -0.78 0.00
REGAN___SOLAR 323812	24.13 1.37 0.00	23.53 1.30 0.00	21.58 1.21 0.00	18.74 1.05 0.00	18.31 1.05 0.00	23.32 1.38 0.00	37.82 2.45 0.00	44.29 2.90 0.00	48.45 2.46 0.00	29.35 0.78 0.00	22.91 0.33 0.00	22.93 0.28 0.00	23.91 0.31 0.00	27.03 0.42 0.00	28.28 0.45 0.00	30.93 0.64 0.00	42.33 1.62 0.00	53.98 3.33 0.00	119.45 8.40 0.00	51.15 3.48 0.00	50.12 3.28 0.00	34.79 2.20 0.00	28.56 1.79 0.00	22.99 1.37 0.00
RENSSELAER___COGEN 23796	23.13 0.36 0.00	22.59 0.37 0.00	20.75 0.37 0.00	18.04 0.36 0.00	17.60 0.34 0.00	22.40 0.46 0.00	35.88 0.51 0.00	41.89 0.49 0.00	46.65 0.66 0.00	28.96 0.40 0.00	23.03 0.44 0.00	23.06 0.41 0.00	23.98 0.37 0.00	27.06 0.45 0.00	28.27 0.45 0.00	30.81 0.52 0.00	41.68 0.96 0.00	52.04 1.39 0.00	113.86 2.81 0.00	48.65 0.98 0.00	47.82 0.98 0.00	33.28 0.68 0.00	27.50 0.72 0.00	22.27 0.65 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.95 2.19 0.00	24.35 2.13 0.00	22.30 1.93 0.00	19.35 1.67 0.00	18.83 1.56 0.00	24.35 2.41 0.00	39.68 4.31 0.00	46.76 5.36 0.00	50.90 4.91 0.00	30.73 2.16 0.00	24.28 1.69 0.00	24.37 1.72 0.00	25.30 1.70 0.00	28.27 1.67 0.00	29.68 1.86 0.00	32.54 2.25 0.00	44.99 4.28 0.00	56.66 6.01 0.00	124.47 13.43 0.00	53.38 5.71 0.00	52.47 5.64 0.00	35.94 3.35 0.00	29.77 2.98 0.00	24.07 2.44 0.00
REVERE_CPPR_DRP 24186	23.27 0.51 0.00	22.74 0.51 0.00	20.83 0.46 0.00	18.11 0.43 0.00	17.72 0.46 0.00	22.67 0.73 0.00	37.57 1.41 -0.79	43.92 1.61 -0.92	48.09 1.48 -0.62	29.36 0.80 0.00	23.05 0.46 0.00	23.13 0.48 0.00	24.08 0.48 0.00	27.11 0.51 0.00	28.41 0.59 0.00	30.96 0.67 0.00	41.97 1.26 0.00	52.75 2.10 0.00	190.69 5.40 -74.24	53.04 2.00 -3.38	48.65 1.81 0.00	33.63 1.03 0.00	27.59 0.81 0.00	22.20 0.58 0.00
REYNOLDS_115KV_TB3 80639	23.33 0.56 0.00	22.79 0.56 0.00	20.92 0.55 0.00	18.20 0.52 0.00	17.75 0.49 0.00	22.60 0.66 0.00	36.20 0.83 0.00	42.26 0.86 0.00	47.07 1.08 0.00	29.22 0.66 0.00	23.25 0.67 0.00	23.28 0.63 0.00	24.21 0.60 0.00	27.30 0.70 0.00	28.53 0.70 0.00	31.08 0.79 0.00	42.05 1.33 0.00	52.50 1.85 0.00	114.85 3.81 0.00	49.05 1.38 0.00	48.24 1.40 0.00	33.55 0.96 0.00	27.72 0.94 0.00	22.46 0.84 0.00
RIVERBAY____ 323610	23.97 1.21 0.00	23.40 1.18 0.00	21.47 1.10 0.00	18.65 0.97 0.00	18.18 0.92 0.00	23.08 1.14 0.00	37.16 1.80 0.00	43.39 1.99 0.00	48.53 2.54 0.00	30.43 1.87 0.00	24.29 1.70 0.00	24.36 1.71 0.00	25.28 1.67 0.00	28.62 2.01 0.00	29.87 2.05 0.00	32.54 2.25 0.00	43.66 2.94 0.00	54.16 3.51 0.00	118.40 7.35 0.00	50.62 2.95 0.00	49.53 2.70 0.00	34.79 2.19 0.00	28.71 1.92 0.00	23.26 1.64 0.00
RIVERSIDE_115KV_TB3 55908	23.24 0.47 0.00	22.69 0.47 0.00	20.84 0.46 0.00	18.12 0.44 0.00	17.68 0.42 0.00	22.51 0.57 0.00	36.07 0.71 0.00	42.12 0.72 0.00	46.92 0.93 0.00	29.13 0.56 0.00	23.17 0.59 0.00	23.20 0.56 0.00	24.13 0.52 0.00	27.22 0.61 0.00	28.45 0.62 0.00	31.01 0.72 0.00	41.95 1.24 0.00	52.35 1.70 0.00	114.53 3.48 0.00	48.92 1.25 0.00	48.09 1.26 0.00	33.45 0.86 0.00	27.63 0.85 0.00	22.38 0.76 0.00
ROARING___BROOK_WT_PWR 323790	22.55 -0.21 0.00	22.12 -0.11 0.00	20.30 -0.07 0.00	17.65 -0.03 0.00	17.22 -0.04 0.00	21.89 -0.04 0.00	35.45 0.09 0.00	41.42 0.02 0.00	45.77 -0.22 0.00	28.41 -0.15 0.00	22.57 -0.01 0.00	22.64 -0.01 0.00	23.62 0.02 0.00	26.63 0.03 0.00	27.85 0.03 0.00	30.29 0.00 0.00	40.50 -0.21 0.00	50.36 -0.29 0.00	110.77 -0.27 0.00	47.65 -0.01 0.00	46.63 -0.20 0.00	32.19 -0.40 0.00	26.28 -0.50 0.00	11.15 -0.67 9.81

ROCHESRG_115KV_T4 355643	22.19 -0.57 0.00	21.52 -0.71 0.00	19.58 -0.79 0.00	16.93 -0.75 0.00	16.56 -0.71 0.00	21.23 -0.71 0.00	34.52 -0.85 0.00	40.05 -1.35 0.00	36.68 -1.72 7.59	15.75 -0.68 12.14	21.94 -0.65 0.00	22.06 -0.58 0.00	23.18 -0.42 0.00	26.02 -0.59 0.00	27.19 -0.63 0.00	29.46 -0.84 0.00	39.51 -1.21 0.00	49.10 -1.55 0.00	60.09 -2.97 47.98	43.79 -1.61 2.28	45.13 -1.71 0.00	31.27 -1.32 0.00	25.50 -1.21 0.07	20.64 -0.97 0.01
ROCHESTER_9_IC 23652	22.30 -0.46 0.00	21.62 -0.60 0.00	19.67 -0.71 0.00	17.01 -0.67 0.00	16.63 -0.63 0.00	21.34 -0.60 0.00	34.71 -0.66 0.00	40.30 -1.10 0.00	37.05 -1.47 7.48	16.07 -0.54 11.96	22.05 -0.54 0.00	22.18 -0.47 0.00	23.31 -0.30 0.00	26.17 -0.44 0.00	27.35 -0.47 0.00	29.62 -0.67 0.00	39.76 -0.96 0.00	49.45 -1.20 0.00	59.96 -2.25 48.83	44.05 -1.29 2.32	45.41 -1.42 0.00	31.46 -1.14 0.00	25.71 -1.08 0.00	20.76 -0.86 0.00
ROCKVIEW_13_KV_LD 356306	23.92 1.15 0.00	23.37 1.15 0.00	21.43 1.06 0.00	18.61 0.93 0.00	18.15 0.89 0.00	23.07 1.13 0.00	37.11 1.75 0.00	43.40 2.00 0.00	48.47 2.48 0.00	30.38 1.82 0.00	24.31 1.72 0.00	24.39 1.74 0.00	25.34 1.74 0.00	28.65 2.05 0.00	29.94 2.12 0.00	32.62 2.33 0.00	43.83 3.11 0.00	54.28 3.63 0.00	118.69 7.64 0.00	50.69 3.02 0.00	49.56 2.73 0.00	34.72 2.13 0.00	28.65 1.86 0.00	23.16 1.54 0.00
ROME____115KV_TB2 80656	23.27 0.51 0.00	22.74 0.51 0.00	20.83 0.46 0.00	18.11 0.43 0.00	17.72 0.46 0.00	22.67 0.73 0.00	37.57 1.41 -0.79	43.92 1.61 -0.92	48.09 1.48 -0.62	29.36 0.80 0.00	23.05 0.46 0.00	23.13 0.48 0.00	24.08 0.48 0.00	27.11 0.51 0.00	28.41 0.59 0.00	30.96 0.67 0.00	41.97 1.26 0.00	52.75 2.10 0.00	190.69 5.40 -74.24	53.04 2.00 -3.38	48.65 1.81 0.00	33.63 1.03 0.00	27.59 0.81 0.00	22.20 0.58 0.00
ROSETON___1 23587	23.65 0.89 0.00	23.11 0.89 0.00	21.19 0.82 0.00	18.41 0.72 0.00	17.96 0.71 0.00	22.84 0.89 0.00	36.72 1.36 0.00	42.92 1.52 0.00	47.89 1.89 0.00	29.94 1.37 0.00	23.90 1.31 0.00	23.96 1.31 0.00	24.90 1.30 0.00	28.14 1.54 0.00	29.40 1.57 0.00	32.01 1.72 0.00	43.08 2.37 0.00	53.47 2.82 0.00	116.97 5.93 0.00	49.98 2.31 0.00	48.94 2.10 0.00	34.23 1.64 0.00	28.25 1.47 0.00	22.84 1.22 0.00
ROSETON___2 23588	23.65 0.89 0.00	23.11 0.89 0.00	21.19 0.82 0.00	18.41 0.72 0.00	17.96 0.71 0.00	22.84 0.89 0.00	36.72 1.36 0.00	42.92 1.52 0.00	47.89 1.89 0.00	29.94 1.37 0.00	23.90 1.31 0.00	23.96 1.31 0.00	24.90 1.30 0.00	28.14 1.54 0.00	29.40 1.57 0.00	32.01 1.72 0.00	43.08 2.37 0.00	53.47 2.82 0.00	116.97 5.93 0.00	49.98 2.31 0.00	48.94 2.10 0.00	34.23 1.64 0.00	28.25 1.47 0.00	22.84 1.22 0.00
ROTRRDAM_115KV_TB3 80664	23.42 0.66 0.00	22.88 0.65 0.00	20.99 0.61 0.00	18.24 0.56 0.00	17.80 0.54 0.00	22.64 0.71 0.00	36.47 1.10 0.00	42.62 1.22 0.00	47.29 1.30 0.00	29.33 0.76 0.00	23.23 0.64 0.00	23.28 0.63 0.00	24.22 0.61 0.00	27.32 0.71 0.00	28.56 0.74 0.00	31.17 0.88 0.00	42.15 1.44 0.00	52.63 1.98 0.00	115.24 4.19 0.00	49.32 1.65 0.00	48.45 1.61 0.00	33.72 1.13 0.00	27.78 1.00 0.00	22.47 0.85 0.00
RUSSELL___1 23602	22.39 -0.37 0.00	21.70 -0.52 0.00	19.74 -0.63 0.00	17.07 -0.62 0.00	16.70 -0.57 0.00	21.42 -0.52 0.00	34.85 -0.51 0.00	40.47 -0.93 0.00	37.24 -1.28 7.48	16.19 -0.42 11.96	22.14 -0.44 0.00	22.27 -0.38 0.00	23.40 -0.20 0.00	26.28 -0.32 0.00	27.48 -0.34 0.00	29.77 -0.52 0.00	39.97 -0.75 0.00	49.73 -0.92 0.00	60.62 -1.59 48.84	44.33 -1.02 2.32	45.66 -1.17 0.00	31.62 -0.98 0.00	25.83 -0.95 0.00	20.85 -0.77 0.00
RUSSELL___2 23532	22.39 -0.37 0.00	21.70 -0.52 0.00	19.74 -0.63 0.00	17.07 -0.62 0.00	16.70 -0.57 0.00	21.42 -0.52 0.00	34.85 -0.51 0.00	40.47 -0.93 0.00	37.24 -1.28 7.48	16.19 -0.42 11.96	22.14 -0.44 0.00	22.27 -0.38 0.00	23.40 -0.20 0.00	26.28 -0.32 0.00	27.48 -0.34 0.00	29.77 -0.52 0.00	39.97 -0.75 0.00	49.73 -0.92 0.00	60.62 -1.59 48.84	44.33 -1.02 2.32	45.66 -1.17 0.00	31.62 -0.98 0.00	25.83 -0.95 0.00	20.85 -0.77 0.00
RUSSELL___3 23549	22.39 -0.37 0.00	21.70 -0.52 0.00	19.74 -0.63 0.00	17.07 -0.62 0.00	16.70 -0.57 0.00	21.42 -0.52 0.00	34.85 -0.51 0.00	40.47 -0.93 0.00	37.24 -1.28 7.48	16.19 -0.42 11.96	22.14 -0.44 0.00	22.27 -0.38 0.00	23.40 -0.20 0.00	26.28 -0.32 0.00	27.48 -0.34 0.00	29.77 -0.52 0.00	39.97 -0.75 0.00	49.73 -0.92 0.00	60.62 -1.59 48.84	44.33 -1.02 2.32	45.66 -1.17 0.00	31.62 -0.98 0.00	25.83 -0.95 0.00	20.85 -0.77 0.00
RUSSELL___4 23556	22.39 -0.37 0.00	21.70 -0.52 0.00	19.74 -0.63 0.00	17.07 -0.62 0.00	16.70 -0.57 0.00	21.42 -0.52 0.00	34.85 -0.51 0.00	40.47 -0.93 0.00	37.24 -1.28 7.48	16.19 -0.42 11.96	22.14 -0.44 0.00	22.27 -0.38 0.00	23.40 -0.20 0.00	26.28 -0.32 0.00	27.48 -0.34 0.00	29.77 -0.52 0.00	39.97 -0.75 0.00	49.73 -0.92 0.00	60.62 -1.59 48.84	44.33 -1.02 2.32	45.66 -1.17 0.00	31.62 -0.98 0.00	25.83 -0.95 0.00	20.85 -0.77 0.00
RUSSELL___STATION 23914	22.39 -0.37 0.00	21.70 -0.52 0.00	19.74 -0.63 0.00	17.07 -0.62 0.00	16.70 -0.57 0.00	21.42 -0.52 0.00	34.85 -0.51 0.00	40.47 -0.93 0.00	37.24 -1.28 7.48	16.19 -0.42 11.96	22.14 -0.44 0.00	22.27 -0.38 0.00	23.40 -0.20 0.00	26.28 -0.32 0.00	27.48 -0.34 0.00	29.77 -0.52 0.00	39.97 -0.75 0.00	49.73 -0.92 0.00	60.62 -1.59 48.84	44.33 -1.02 2.32	45.66 -1.17 0.00	31.62 -0.98 0.00	25.83 -0.95 0.00	20.85 -0.77 0.00
S SALMON___HYD 24043	22.24 -0.53 0.00	21.76 -0.47 0.00	19.95 -0.42 0.00	17.34 -0.35 0.00	16.97 -0.29 0.00	21.59 -0.35 0.00	38.15 -0.42 -3.21	44.48 -0.63 -3.71	49.70 -1.02 -4.73	32.48 -0.47 -4.38	22.05 -0.53 0.00	22.09 -0.56 0.00	23.02 -0.59 0.00	25.93 -0.67 0.00	27.45 -0.37 0.00	29.70 -0.59 0.00	40.10 -0.62 0.00	51.12 0.47 0.00	143.00 0.29 -31.67	48.68 -0.42 -1.42	46.29 -0.54 0.00	31.97 -0.62 0.00	26.27 -0.51 0.00	21.14 -0.48 0.00
S.PERRY__115KV_TB1 80734	22.82 0.05 0.00	22.09 -0.13 0.00	20.09 -0.28 0.00	17.35 -0.33 0.00	17.02 -0.24 0.00	21.93 -0.01 0.00	36.02 0.66 0.00	41.59 0.19 0.00	39.40 -0.93 5.66	18.18 -0.94 9.45	21.66 -0.92 0.00	21.83 -0.82 0.00	22.85 -0.75 0.00	26.27 -0.33 0.00	27.20 -0.62 0.00	29.23 -1.06 0.00	39.26 -1.45 0.00	49.41 -1.24 0.00	-20.12 -0.55 130.62	40.81 -0.73 6.13	45.77 -1.06 0.00	32.07 -0.53 0.00	27.96 -0.43 -1.61	21.33 -0.54 -0.26
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.01 -0.75 0.00	21.25 -0.97 0.00	19.24 -1.13 0.00	16.59 -1.10 0.00	16.24 -1.02 0.00	20.96 -0.98 0.00	34.22 -1.14 0.00	39.59 -1.81 0.00	37.05 -2.25 6.70	16.95 -0.90 10.72	21.83 -0.75 0.00	21.99 -0.66 0.00	23.20 -0.40 0.00	25.92 -0.69 0.00	27.09 -0.73 0.00	29.20 -1.09 0.00	38.91 -1.80 0.00	47.98 -2.67 0.00	24.97 -4.67 81.40	41.22 -2.62 3.83	44.11 -2.73 0.00	30.54 -2.06 0.00	24.46 -1.84 0.48	20.05 -1.50 0.08

SAWYER___23_KV_LOAD 55526	22.01 -0.75 0.00	21.25 -0.97 0.00	19.24 -1.13 0.00	16.59 -1.10 0.00	16.24 -1.02 0.00	20.96 -0.98 0.00	34.22 -1.14 0.00	39.59 -1.81 0.00	37.05 -2.25 6.70	16.95 -0.90 10.72	21.83 -0.75 0.00	21.99 -0.66 0.00	23.20 -0.40 0.00	25.92 -0.69 0.00	27.09 -0.73 0.00	29.20 -1.09 0.00	38.91 -1.80 0.00	47.98 -2.67 0.00	24.97 -4.67 81.40	41.22 -2.62 3.83	44.11 -2.73 0.00	30.54 -2.06 0.00	24.46 -1.84 0.48	20.05 -1.50 0.08
SELKIRK___I 23801	23.34 0.57 0.00	22.81 0.58 0.00	20.95 0.57 0.00	18.21 0.53 0.00	17.77 0.51 0.00	22.61 0.67 0.00	36.28 0.92 0.00	42.33 0.93 0.00	46.98 0.99 0.00	29.11 0.54 0.00	23.08 0.50 0.00	23.12 0.48 0.00	24.06 0.46 0.00	27.13 0.53 0.00	28.35 0.53 0.00	30.91 0.62 0.00	41.90 1.18 0.00	52.40 1.75 0.00	114.71 3.66 0.00	49.06 1.39 0.00	48.24 1.40 0.00	33.57 0.98 0.00	27.72 0.94 0.00	22.43 0.81 0.00
SELKIRK___II 23799	23.21 0.45 0.00	22.67 0.45 0.00	20.82 0.45 0.00	18.11 0.42 0.00	17.66 0.40 0.00	22.47 0.53 0.00	36.04 0.67 0.00	42.07 0.67 0.00	46.82 0.83 0.00	29.06 0.50 0.00	23.09 0.51 0.00	23.13 0.48 0.00	24.05 0.44 0.00	27.13 0.53 0.00	28.35 0.52 0.00	30.90 0.61 0.00	41.80 1.08 0.00	52.19 1.54 0.00	114.24 3.19 0.00	48.83 1.16 0.00	48.00 1.16 0.00	33.40 0.81 0.00	27.59 0.81 0.00	22.33 0.71 0.00
SENECA OSWGO___HYD 24041	22.15 -0.62 0.00	21.59 -0.64 0.00	19.80 -0.58 0.00	17.19 -0.50 0.00	16.78 -0.48 0.00	21.33 -0.61 0.00	38.84 -0.98 -4.45	45.13 -1.42 -5.15	52.24 -1.78 -8.03	36.37 -0.74 -8.55	21.86 -0.72 0.00	21.93 -0.72 0.00	22.84 -0.76 0.00	25.73 -0.87 0.00	27.44 -0.39 0.00	29.49 -0.79 0.00	39.67 -1.05 0.00	50.96 0.31 0.00	142.65 -1.47 -33.07	47.80 -1.33 -1.46	45.44 -1.40 0.00	31.58 -1.02 0.00	25.91 -0.87 0.00	20.94 -0.68 0.00
SENECA___115KV_TB3 355854	22.25 -0.52 0.00	21.49 -0.73 0.00	19.47 -0.91 0.00	16.78 -0.91 0.00	16.44 -0.82 0.00	21.23 -0.71 0.00	34.69 -0.67 0.00	40.21 -1.19 0.00	37.93 -1.58 6.48	17.68 -0.52 10.37	22.14 -0.45 0.00	22.31 -0.34 0.00	23.51 -0.09 0.00	26.27 -0.33 0.00	27.47 -0.35 0.00	29.62 -0.66 0.00	39.54 -1.17 0.00	48.79 -1.86 0.00	20.50 -2.82 87.73	41.67 -1.87 4.13	44.80 -2.04 0.00	30.96 -1.64 0.00	24.76 -1.52 0.50	20.24 -1.30 0.08
SENECA___ENERGY 23797	22.33 -0.43 0.00	21.72 -0.50 0.00	19.85 -0.52 0.00	17.19 -0.49 0.00	16.82 -0.44 0.00	21.48 -0.46 0.00	36.94 -0.50 -2.08	43.07 -0.73 -2.41	45.21 -1.10 -0.32	26.50 -0.35 1.71	22.11 -0.48 0.00	22.22 -0.43 0.00	23.20 -0.41 0.00	26.12 -0.49 0.00	27.29 -0.53 0.00	29.70 -0.59 0.00	40.30 -0.42 0.00	50.86 0.21 0.00	89.70 -0.44 20.90	45.80 -0.45 1.41	46.25 -0.59 0.00	31.99 -0.60 0.00	26.27 -0.62 -0.10	21.08 -0.55 -0.02
SHOEMAKER___GT 23640	23.60 0.84 0.00	23.06 0.84 0.00	21.13 0.76 0.00	18.35 0.66 0.00	17.92 0.66 0.00	22.78 0.84 0.00	36.70 1.34 0.00	42.90 1.50 0.00	47.78 1.79 0.00	29.82 1.25 0.00	23.72 1.14 0.00	23.77 1.12 0.00	24.71 1.11 0.00	27.91 1.31 0.00	29.18 1.35 0.00	31.81 1.52 0.00	42.85 2.13 0.00	53.27 2.62 0.00	116.71 5.67 0.00	49.92 2.25 0.00	48.85 2.01 0.00	34.13 1.54 0.00	28.15 1.38 0.00	22.73 1.11 0.00
SHOEMAKR_138KV_BK 111 55601	23.59 0.82 0.00	23.05 0.82 0.00	21.12 0.75 0.00	18.34 0.66 0.00	17.91 0.65 0.00	22.77 0.83 0.00	36.67 1.31 0.00	42.87 1.47 0.00	47.76 1.77 0.00	29.82 1.25 0.00	23.73 1.14 0.00	23.79 1.14 0.00	24.73 1.12 0.00	27.93 1.33 0.00	29.20 1.38 0.00	31.83 1.54 0.00	42.85 2.13 0.00	53.25 2.60 0.00	116.64 5.59 0.00	49.87 2.20 0.00	48.80 1.96 0.00	34.11 1.52 0.00	28.13 1.35 0.00	22.72 1.10 0.00
SHOREHAM_IC_1 23715	23.35 0.59 0.00	22.85 0.62 0.00	20.89 0.51 0.00	18.18 0.49 0.00	17.71 0.45 0.00	22.78 0.84 0.00	36.73 1.36 0.00	42.82 1.42 0.00	30.89 1.57 16.67	5.36 0.69 23.90	23.60 1.02 0.00	23.69 1.04 0.00	24.52 0.92 0.00	28.40 1.80 0.00	29.76 1.94 0.00	32.32 2.03 0.00	43.41 2.80 0.11	51.99 2.70 1.36	54.59 4.92 61.38	44.25 2.28 5.70	49.32 2.49 0.00	34.58 1.99 0.00	28.89 2.11 0.00	23.52 1.90 0.00
SHOREHAM_IC_2 23716	23.35 0.59 0.00	22.85 0.62 0.00	20.89 0.51 0.00	18.18 0.49 0.00	17.71 0.45 0.00	22.78 0.84 0.00	36.73 1.36 0.00	42.82 1.42 0.00	30.89 1.57 16.67	5.36 0.69 23.90	23.60 1.02 0.00	23.69 1.04 0.00	24.52 0.92 0.00	28.40 1.80 0.00	29.76 1.94 0.00	32.32 2.03 0.00	43.41 2.80 0.11	51.99 2.70 1.36	54.59 4.92 61.38	44.25 2.28 5.70	49.32 2.49 0.00	34.58 1.99 0.00	28.89 2.11 0.00	23.52 1.90 0.00
SISSONVILLE___ 23735	23.38 0.61 0.00	22.86 0.64 0.00	20.92 0.55 0.00	18.14 0.46 0.00	17.70 0.44 0.00	22.54 0.60 0.00	37.03 1.20 -0.47	43.37 1.43 -0.54	47.55 1.23 -0.34	29.09 0.52 0.00	22.95 0.36 0.00	22.97 0.32 0.00	24.03 0.43 0.00	27.06 0.46 0.00	28.31 0.49 0.00	30.77 0.48 0.00	41.07 0.35 0.00	51.16 0.51 0.00	113.01 1.97 0.00	49.03 1.36 0.00	48.48 1.65 0.00	33.71 1.11 0.00	27.55 0.77 0.00	22.10 0.48 0.00
SITHE_IND_GS1 24169	21.97 -0.79 0.00	21.44 -0.79 0.00	19.66 -0.72 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.14 -0.80 0.00	21.96 -1.34 12.06	25.59 -1.85 13.95	-10.27 -2.22 54.04	-49.03 -1.00 76.60	21.69 -0.89 0.00	21.76 -0.89 0.00	22.68 -0.93 0.00	25.54 -1.06 0.00	26.73 -1.09 0.00	29.09 -1.20 0.00	39.13 -1.59 0.00	48.71 -1.94 0.00	106.88 -4.16 0.00	45.77 -1.89 0.00	44.94 -1.90 0.00	31.24 -1.36 0.00	25.65 -1.13 0.00	20.75 -0.87 0.00
SITHE_IND_GS2 24170	21.97 -0.79 0.00	21.44 -0.79 0.00	19.66 -0.72 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.14 -0.80 0.00	21.96 -1.34 12.06	25.59 -1.85 13.95	-10.27 -2.22 54.04	-49.03 -1.00 76.60	21.69 -0.89 0.00	21.76 -0.89 0.00	22.68 -0.93 0.00	25.54 -1.06 0.00	26.73 -1.09 0.00	29.09 -1.20 0.00	39.13 -1.59 0.00	48.71 -1.94 0.00	106.88 -4.16 0.00	45.77 -1.89 0.00	44.94 -1.90 0.00	31.24 -1.36 0.00	25.65 -1.13 0.00	20.75 -0.87 0.00
SITHE_IND_GS3 24171	21.97 -0.79 0.00	21.44 -0.79 0.00	19.66 -0.72 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.14 -0.80 0.00	21.96 -1.34 12.06	25.59 -1.85 13.95	-10.27 -2.22 54.04	-49.03 -1.00 76.60	21.69 -0.89 0.00	21.76 -0.89 0.00	22.68 -0.93 0.00	25.54 -1.06 0.00	26.73 -1.09 0.00	29.09 -1.20 0.00	39.13 -1.59 0.00	48.71 -1.94 0.00	106.88 -4.16 0.00	45.77 -1.89 0.00	44.94 -1.90 0.00	31.24 -1.36 0.00	25.65 -1.13 0.00	20.75 -0.87 0.00
SITHE_IND_GS4 24172	21.97 -0.79 0.00	21.44 -0.79 0.00	19.66 -0.72 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.14 -0.80 0.00	21.96 -1.34 12.06	25.59 -1.85 13.95	-10.27 -2.22 54.04	-49.03 -1.00 76.60	21.69 -0.89 0.00	21.76 -0.89 0.00	22.68 -0.93 0.00	25.54 -1.06 0.00	26.73 -1.09 0.00	29.09 -1.20 0.00	39.13 -1.59 0.00	48.71 -1.94 0.00	106.88 -4.16 0.00	45.77 -1.89 0.00	44.94 -1.90 0.00	31.24 -1.36 0.00	25.65 -1.13 0.00	20.75 -0.87 0.00

SITHE___BATAVIA 24024	22.50 -0.26 0.00	21.73 -0.49 0.00	19.69 -0.68 0.00	17.00 -0.69 0.00	16.63 -0.63 0.00	21.48 -0.46 0.00	35.11 -0.26 0.00	40.71 -0.69 0.00	37.90 -1.04 7.05	16.97 -0.31 11.28	22.15 -0.44 0.00	22.23 -0.42 0.00	23.41 -0.19 0.00	26.19 -0.41 0.00	27.37 -0.46 0.00	29.58 -0.71 0.00	39.70 -1.02 0.00	49.44 -1.21 0.00	45.54 -0.89 64.62	43.53 -1.08 3.05	45.59 -1.24 0.00	31.54 -1.05 0.00	25.50 -1.03 0.25	20.70 -0.88 0.04
SITHE___INDEPEND 23800	21.97 -0.79 0.00	21.43 -0.79 0.00	19.66 -0.71 0.00	17.07 -0.62 0.00	16.66 -0.60 0.00	21.14 -0.80 0.00	21.96 -1.34 12.06	25.60 -1.85 13.95	-10.27 -2.22 54.04	-49.03 -1.00 76.60	21.69 -0.89 0.00	21.76 -0.89 0.00	22.68 -0.93 0.00	25.54 -1.06 0.00	26.73 -1.09 0.00	29.09 -1.20 0.00	39.13 -1.59 0.00	48.71 -1.94 0.00	106.89 -4.16 0.00	45.77 -1.89 0.00	44.94 -1.90 0.00	31.24 -1.36 0.00	25.65 -1.13 0.00	20.76 -0.87 0.00
SITHE___MASSENA 23902	23.29 0.52 0.00	22.75 0.52 0.00	20.81 0.44 0.00	18.04 0.36 0.00	17.58 0.32 0.00	22.36 0.42 0.00	36.16 0.80 0.00	42.33 0.94 0.00	46.77 0.78 0.00	28.94 0.37 0.00	22.89 0.30 0.00	22.92 0.27 0.00	23.97 0.36 0.00	26.99 0.39 0.00	28.21 0.39 0.00	30.66 0.36 0.00	40.86 0.14 0.00	50.72 0.06 0.00	111.68 0.64 0.00	48.44 0.77 0.00	47.95 1.11 0.00	33.43 0.84 0.00	27.34 0.56 0.00	21.98 0.36 0.00
SITHE___OGDNSBRG 24021	23.73 0.97 0.00	23.19 0.97 0.00	21.20 0.83 0.00	18.37 0.69 0.00	17.94 0.68 0.00	22.85 0.91 0.00	37.46 1.73 -0.37	43.89 2.07 -0.43	48.10 1.83 -0.27	29.30 0.73 0.00	23.06 0.47 0.00	23.08 0.43 0.00	24.17 0.57 0.00	27.22 0.62 0.00	28.47 0.64 0.00	30.91 0.62 0.00	41.32 0.60 0.00	51.56 0.90 0.00	114.49 3.45 0.00	49.74 2.07 0.00	49.22 2.39 0.00	34.24 1.65 0.00	27.96 1.18 0.00	22.42 0.80 0.00
SITHE___STERLING 23777	23.10 0.33 0.00	22.54 0.31 0.00	20.65 0.27 0.00	17.94 0.25 0.00	17.54 0.28 0.00	22.41 0.47 0.00	37.19 0.96 -0.87	43.43 1.02 -1.01	46.26 0.90 0.63	27.00 0.51 2.08	22.84 0.25 0.00	22.91 0.26 0.00	23.87 0.26 0.00	26.89 0.28 0.00	28.14 0.32 0.00	30.68 0.39 0.00	41.51 0.80 0.00	52.08 1.43 0.00	205.37 3.88 -90.44	53.14 1.35 -4.12	48.01 1.17 0.00	33.26 0.66 0.00	27.28 0.50 0.00	21.97 0.35 0.00
SLEIGHT__34_KV_TB1 80719	22.15 -0.62 0.00	21.48 -0.74 0.00	19.57 -0.81 0.00	16.94 -0.75 0.00	16.57 -0.69 0.00	21.24 -0.69 0.00	34.60 -0.76 0.00	40.20 -1.19 0.00	36.81 -1.59 7.59	15.79 -0.63 12.14	21.98 -0.61 0.00	22.10 -0.55 0.00	23.19 -0.41 0.00	26.05 -0.55 0.00	27.25 -0.57 0.00	29.57 -0.72 0.00	39.74 -0.98 0.00	49.52 -1.13 0.00	59.56 -2.23 49.26	44.08 -1.25 2.34	45.42 -1.42 0.00	31.42 -1.18 0.00	25.67 -1.11 0.00	20.70 -0.92 0.00
SOUTH CAIRO___GT 23612	23.78 1.02 0.00	23.19 0.97 0.00	21.29 0.92 0.00	18.51 0.83 0.00	18.07 0.81 0.00	23.05 1.11 0.00	37.07 1.71 0.00	43.35 1.96 0.00	48.03 2.04 0.00	29.45 0.88 0.00	23.15 0.56 0.00	23.11 0.46 0.00	24.00 0.40 0.00	27.06 0.45 0.00	28.30 0.48 0.00	30.95 0.66 0.00	42.26 1.55 0.00	53.45 2.80 0.00	118.03 6.98 0.00	50.43 2.76 0.00	49.53 2.70 0.00	34.29 1.70 0.00	28.29 1.51 0.00	22.85 1.23 0.00
SOUTH HAMPTN___IC 23720	23.64 0.88 0.00	23.14 0.91 0.00	21.14 0.76 0.00	18.40 0.72 0.00	17.93 0.67 0.00	23.03 1.09 0.00	37.11 1.75 0.00	43.29 1.90 0.00	31.40 2.10 16.69	5.73 1.09 23.93	23.92 1.34 0.00	24.01 1.36 0.00	24.87 1.27 0.00	28.72 2.12 0.00	30.10 2.27 0.00	32.71 2.42 0.00	43.93 3.32 0.11	52.66 3.37 1.36	56.10 6.50 61.44	44.86 2.90 5.71	49.88 3.04 0.00	34.97 2.37 0.00	29.16 2.39 0.00	23.72 2.10 0.00
SOUTHDOW_115KV_TB1 355954	22.71 -0.05 0.00	22.08 -0.15 0.00	20.03 -0.34 0.00	17.30 -0.39 0.00	17.00 -0.26 0.00	22.00 0.07 0.00	36.12 0.76 0.00	42.11 0.71 0.00	40.38 0.48 6.10	19.48 0.67 9.75	23.20 0.61 0.00	23.42 0.77 0.00	24.60 0.99 0.00	27.52 0.92 0.00	28.81 0.98 0.00	30.96 0.68 0.00	41.27 0.56 0.00	51.06 0.40 0.00	10.41 1.91 102.55	42.68 -0.17 4.82	46.17 -0.66 0.00	31.68 -0.92 0.00	25.51 -0.99 0.29	20.54 -1.03 0.05
SOUTHOLD_69_KV_BK 2 55809	23.96 1.20 0.00	23.43 1.20 0.00	21.41 1.04 0.00	18.63 0.95 0.00	18.16 0.90 0.00	23.34 1.40 0.00	37.65 2.29 0.00	43.94 2.54 0.00	32.10 2.80 16.69	6.17 1.53 23.93	24.25 1.66 0.00	24.32 1.67 0.00	25.21 1.60 0.00	29.10 2.50 0.00	30.51 2.68 0.00	33.18 2.89 0.00	44.60 3.99 0.11	53.58 4.28 1.36	58.11 8.50 61.44	45.70 3.73 5.71	50.67 3.83 0.00	35.48 2.88 0.00	29.55 2.77 0.00	24.01 2.39 0.00
SOUTHOLD___IC 23719	23.96 1.20 0.00	23.42 1.20 0.00	21.41 1.04 0.00	18.63 0.95 0.00	18.16 0.90 0.00	23.34 1.40 0.00	37.66 2.29 0.00	43.94 2.55 0.00	32.11 2.81 16.69	6.16 1.53 23.93	24.25 1.67 0.00	24.33 1.68 0.00	25.21 1.60 0.00	29.10 2.50 0.00	30.51 2.68 0.00	33.18 2.90 0.00	44.60 3.99 0.11	53.54 4.25 1.36	58.13 8.52 61.44	45.70 3.74 5.71	50.67 3.83 0.00	35.48 2.88 0.00	29.55 2.77 0.00	24.01 2.39 0.00
SOUTH_FORK_WT_PWR 323839	24.00 1.24 0.00	23.47 1.24 0.00	21.44 1.07 0.00	18.66 0.98 0.00	18.19 0.93 0.00	23.38 1.44 0.00	37.73 2.37 0.00	44.03 2.64 0.00	32.19 2.90 16.69	6.22 1.58 23.93	24.30 1.71 0.00	24.37 1.73 0.00	25.26 1.65 0.00	29.16 2.56 0.00	30.57 2.75 0.00	33.25 2.96 0.00	44.70 4.09 0.11	53.65 4.37 1.36	58.38 8.77 61.44	45.80 3.84 5.71	50.77 3.94 0.00	35.56 2.97 0.00	29.60 2.83 0.00	24.05 2.43 0.00
SPIERFLS_115KV_TB 1 80737	23.62 0.86 0.00	23.05 0.83 0.00	21.14 0.77 0.00	18.37 0.68 0.00	17.92 0.65 0.00	22.92 0.98 0.00	37.03 1.67 0.00	43.38 1.98 0.00	47.90 1.91 0.00	29.50 0.94 0.00	23.33 0.75 0.00	23.39 0.74 0.00	24.32 0.71 0.00	27.37 0.77 0.00	28.67 0.85 0.00	31.35 1.07 0.00	42.72 2.00 0.00	53.27 2.62 0.00	116.64 5.60 0.00	49.88 2.21 0.00	48.94 2.10 0.00	34.07 1.48 0.00	28.08 1.31 0.00	22.77 1.15 0.00
ST LAWRENCE____ 23600	22.99 0.22 0.00	22.46 0.23 0.00	20.56 0.18 0.00	17.82 0.14 0.00	17.37 0.10 0.00	22.07 0.13 0.00	35.64 0.28 0.00	41.72 0.32 0.00	46.16 0.17 0.00	28.61 0.04 0.00	22.63 0.04 0.00	22.66 0.01 0.00	23.69 0.08 0.00	26.68 0.08 0.00	27.90 0.07 0.00	30.34 0.05 0.00	40.50 -0.21 0.00	50.27 -0.38 0.00	110.56 -0.49 0.00	47.93 0.26 0.00	47.31 0.48 0.00	32.96 0.37 0.00	26.97 0.19 0.00	21.70 0.08 0.00
STATE_CA_115KV_115_LB 55624	23.24 0.47 0.00	22.70 0.47 0.00	20.84 0.46 0.00	18.12 0.44 0.00	17.68 0.42 0.00	22.51 0.57 0.00	36.11 0.75 0.00	42.18 0.78 0.00	46.96 0.97 0.00	29.16 0.59 0.00	23.18 0.59 0.00	23.21 0.57 0.00	24.14 0.54 0.00	27.25 0.64 0.00	28.48 0.66 0.00	31.06 0.77 0.00	42.04 1.33 0.00	52.47 1.82 0.00	114.74 3.69 0.00	49.01 1.34 0.00	48.15 1.32 0.00	33.49 0.90 0.00	27.65 0.87 0.00	22.38 0.76 0.00

STATE_ST_34_KV_LOAD 55959	22.48 -0.29 0.00	21.91 -0.31 0.00	20.07 -0.30 0.00	17.42 -0.27 0.00	17.03 -0.23 0.00	21.67 -0.27 0.00	37.61 -0.38 -2.63	43.93 -0.51 -3.04	46.67 -1.01 -1.69	28.36 -0.20 0.00	22.19 -0.40 0.00	22.37 -0.28 0.00	23.34 -0.27 0.00	26.27 -0.33 0.00	27.36 -0.46 0.00	29.94 -0.35 0.00	40.62 -0.10 0.00	51.78 1.13 0.00	122.07 0.66 -10.37	47.80 0.13 0.00	46.93 0.09 0.00	32.36 -0.23 0.00	26.51 -0.27 0.00	21.49 -0.14 0.00
STATION_5_MISC_HYD 23604	22.30 -0.46 0.00	21.62 -0.60 0.00	19.67 -0.71 0.00	17.01 -0.67 0.00	16.64 -0.62 0.00	21.34 -0.60 0.00	34.71 -0.66 0.00	40.29 -1.11 0.00	37.06 -1.46 7.48	16.09 -0.52 11.96	22.05 -0.54 0.00	22.18 -0.47 0.00	23.31 -0.30 0.00	26.17 -0.44 0.00	27.35 -0.47 0.00	29.62 -0.67 0.00	39.76 -0.95 0.00	49.46 -1.19 0.00	59.95 -2.26 48.83	44.03 -1.32 2.32	45.41 -1.42 0.00	31.46 -1.14 0.00	25.71 -1.07 0.00	20.75 -0.87 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.48 -0.28 0.00	21.82 -0.40 0.00	19.89 -0.48 0.00	17.22 -0.46 0.00	16.85 -0.41 0.00	21.58 -0.36 0.00	35.57 -0.28 -0.48	41.41 -0.55 -0.56	40.04 -0.89 5.06	19.42 -0.21 8.93	22.27 -0.31 0.00	22.39 -0.25 0.00	23.47 -0.14 0.00	26.37 -0.23 0.00	27.59 -0.24 0.00	29.96 -0.33 0.00	40.39 -0.32 0.00	50.55 -0.10 0.00	63.35 -0.42 47.27	44.86 -0.48 2.33	46.21 -0.63 0.00	31.99 -0.61 0.00	26.13 -0.65 0.00	21.06 -0.56 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.20 -0.56 0.00	21.52 -0.70 0.00	19.59 -0.79 0.00	16.95 -0.74 0.00	16.57 -0.69 0.00	21.24 -0.70 0.00	34.55 -0.82 0.00	40.12 -1.28 0.00	36.88 -1.66 7.46	15.98 -0.65 11.93	21.96 -0.62 0.00	22.09 -0.56 0.00	23.21 -0.40 0.00	26.06 -0.55 0.00	27.24 -0.58 0.00	29.52 -0.77 0.00	39.64 -1.08 0.00	49.30 -1.35 0.00	59.12 -2.61 49.32	43.87 -1.45 2.35	45.26 -1.57 0.00	31.35 -1.25 0.00	25.62 -1.17 0.00	20.68 -0.94 0.00
STA_56___34_KV_BUS2 355983	22.20 -0.56 0.00	21.52 -0.70 0.00	19.59 -0.79 0.00	16.95 -0.74 0.00	16.57 -0.69 0.00	21.24 -0.70 0.00	34.55 -0.82 0.00	40.12 -1.28 0.00	36.88 -1.66 7.46	15.98 -0.65 11.93	21.96 -0.62 0.00	22.09 -0.56 0.00	23.21 -0.40 0.00	26.06 -0.55 0.00	27.24 -0.58 0.00	29.52 -0.77 0.00	39.64 -1.08 0.00	49.30 -1.35 0.00	59.12 -2.61 49.32	43.87 -1.45 2.35	45.26 -1.57 0.00	31.35 -1.25 0.00	25.62 -1.17 0.00	20.68 -0.94 0.00
STA_67___115KV_BK2 355882	22.26 -0.50 0.00	21.58 -0.64 0.00	19.63 -0.74 0.00	16.98 -0.71 0.00	16.60 -0.66 0.00	21.29 -0.64 0.00	34.63 -0.73 0.00	40.20 -1.20 0.00	36.93 -1.57 7.49	15.99 -0.60 11.99	22.00 -0.58 0.00	22.13 -0.52 0.00	23.26 -0.35 0.00	26.11 -0.50 0.00	27.29 -0.53 0.00	29.56 -0.73 0.00	39.66 -1.06 0.00	49.30 -1.35 0.00	59.81 -2.52 48.72	43.94 -1.41 2.32	45.30 -1.54 0.00	31.38 -1.21 0.00	25.65 -1.13 0.00	20.71 -0.91 0.00
STA_7___115KV_9TRANS 80674	22.39 -0.37 0.00	21.70 -0.52 0.00	19.74 -0.63 0.00	17.07 -0.62 0.00	16.70 -0.57 0.00	21.42 -0.52 0.00	34.85 -0.51 0.00	40.47 -0.93 0.00	37.24 -1.28 7.48	16.19 -0.42 11.96	22.14 -0.44 0.00	22.27 -0.38 0.00	23.40 -0.20 0.00	26.28 -0.32 0.00	27.48 -0.34 0.00	29.77 -0.52 0.00	39.97 -0.75 0.00	49.73 -0.92 0.00	60.62 -1.59 48.84	44.33 -1.02 2.32	45.66 -1.17 0.00	31.62 -0.98 0.00	25.83 -0.95 0.00	20.85 -0.77 0.00
STA_82___115KV_TB1 80780	22.27 -0.50 0.00	21.58 -0.64 0.00	19.64 -0.74 0.00	16.98 -0.70 0.00	16.61 -0.65 0.00	21.30 -0.64 0.00	34.65 -0.72 0.00	40.21 -1.18 0.00	37.03 -1.56 7.40	16.14 -0.59 11.84	22.01 -0.58 0.00	22.13 -0.52 0.00	23.26 -0.35 0.00	26.11 -0.49 0.00	27.29 -0.53 0.00	29.56 -0.73 0.00	39.66 -1.05 0.00	49.32 -1.33 0.00	59.16 -2.50 49.38	43.93 -1.39 2.35	45.31 -1.53 0.00	31.40 -1.20 0.00	25.66 -1.12 0.00	20.73 -0.90 0.00
STEEL___WIND 323596	22.22 -0.54 0.00	21.47 -0.75 0.00	19.45 -0.93 0.00	16.75 -0.94 0.00	16.42 -0.84 0.00	21.21 -0.73 0.00	34.64 -0.73 0.00	40.14 -1.25 0.00	37.90 -1.61 6.48	17.66 -0.53 10.37	22.11 -0.48 0.00	22.27 -0.38 0.00	23.46 -0.15 0.00	26.22 -0.38 0.00	27.43 -0.40 0.00	29.59 -0.70 0.00	39.50 -1.21 0.00	48.78 -1.87 0.00	20.34 -2.97 87.73	41.57 -1.97 4.13	44.76 -2.08 0.00	30.93 -1.67 0.00	24.73 -1.55 0.50	20.20 -1.35 0.08
STEPHTWN_115KV_BK_2 55603	23.33 0.56 0.00	22.78 0.56 0.00	20.90 0.52 0.00	18.18 0.50 0.00	17.73 0.47 0.00	22.65 0.71 0.00	36.33 0.96 0.00	42.37 0.97 0.00	47.14 1.15 0.00	29.22 0.65 0.00	23.26 0.68 0.00	23.29 0.64 0.00	24.22 0.61 0.00	27.35 0.75 0.00	28.55 0.73 0.00	31.11 0.81 0.00	42.16 1.44 0.00	52.65 2.00 0.00	115.29 4.24 0.00	49.22 1.55 0.00	48.37 1.54 0.00	33.61 1.02 0.00	27.79 1.01 0.00	22.46 0.83 0.00
STEUBEN_REC_LFGE 323667	22.15 -0.62 0.00	21.53 -0.69 0.00	19.56 -0.82 0.00	16.92 -0.77 0.00	16.66 -0.60 0.00	21.48 -0.45 0.00	35.44 0.07 0.00	41.43 0.03 0.00	41.94 -0.20 3.85	21.86 0.08 6.79	22.49 -0.09 0.00	22.69 0.04 0.00	23.66 0.05 0.00	26.50 -0.11 0.00	27.79 -0.03 0.00	30.03 -0.26 0.00	40.45 -0.27 0.00	50.56 -0.09 0.00	-204.16 1.50 316.71	32.55 -0.34 14.77	45.79 -1.05 0.00	31.44 -1.16 0.00	26.58 -1.25 -1.05	20.46 -1.33 -0.17
STILLWATER___SOLAR 323814	23.73 0.97 0.00	23.17 0.95 0.00	21.25 0.88 0.00	18.48 0.79 0.00	18.03 0.77 0.00	22.99 1.05 0.00	37.04 1.68 0.00	43.30 1.90 0.00	47.94 1.95 0.00	29.63 1.06 0.00	23.45 0.87 0.00	23.48 0.84 0.00	24.43 0.83 0.00	27.53 0.93 0.00	28.82 1.00 0.00	31.49 1.20 0.00	42.77 2.05 0.00	53.47 2.82 0.00	117.12 6.08 0.00	50.07 2.40 0.00	49.18 2.35 0.00	34.20 1.60 0.00	28.19 1.41 0.00	22.82 1.20 0.00
STONY___BROOK 24151	23.65 0.88 0.00	23.14 0.91 0.00	21.15 0.78 0.00	18.40 0.72 0.00	17.92 0.66 0.00	22.86 0.92 0.00	36.55 1.19 0.00	42.63 1.23 0.00	30.85 1.49 16.63	5.76 1.03 23.84	23.95 1.36 0.00	24.06 1.41 0.00	24.91 1.30 0.00	28.47 1.86 0.00	29.71 1.89 0.00	32.26 1.97 0.00	43.25 2.64 0.10	51.81 2.52 1.36	54.87 5.07 61.24	44.11 2.13 5.69	49.05 2.22 0.00	34.53 1.93 0.00	28.83 2.05 0.00	23.47 1.85 0.00
STURGEON_POOL_HYD 23609	23.73 0.97 0.00	23.19 0.97 0.00	21.26 0.89 0.00	18.47 0.78 0.00	18.02 0.76 0.00	22.89 0.95 0.00	36.87 1.50 0.00	43.12 1.72 0.00	48.16 2.17 0.00	30.17 1.60 0.00	24.09 1.50 0.00	24.15 1.50 0.00	25.08 1.48 0.00	28.35 1.74 0.00	29.63 1.81 0.00	32.29 2.00 0.00	43.40 2.68 0.00	53.82 3.17 0.00	117.63 6.58 0.00	50.31 2.64 0.00	49.21 2.37 0.00	34.44 1.84 0.00	28.40 1.62 0.00	22.94 1.31 0.00
ST_LAW_115_BK7_LBMP 345037	23.02 0.25 0.00	22.49 0.26 0.00	20.58 0.20 0.00	17.84 0.15 0.00	17.38 0.12 0.00	22.09 0.15 0.00	35.67 0.31 0.00	41.76 0.37 0.00	46.20 0.20 0.00	28.62 0.05 0.00	22.64 0.05 0.00	22.67 0.02 0.00	23.70 0.09 0.00	26.70 0.09 0.00	27.91 0.09 0.00	30.36 0.06 0.00	40.50 -0.22 0.00	50.24 -0.41 0.00	110.56 -0.49 0.00	47.95 0.28 0.00	47.36 0.53 0.00	33.01 0.41 0.00	27.00 0.22 0.00	21.72 0.10 0.00

ST_LAW_115_BK8_LBMP 345038	23.02 0.25 0.00	22.49 0.26 0.00	20.58 0.20 0.00	17.84 0.15 0.00	17.38 0.12 0.00	22.09 0.15 0.00	35.67 0.31 0.00	41.76 0.37 0.00	46.20 0.20 0.00	28.62 0.05 0.00	22.64 0.05 0.00	22.67 0.02 0.00	23.70 0.09 0.00	26.70 0.09 0.00	27.91 0.09 0.00	30.36 0.06 0.00	40.50 -0.22 0.00	50.24 -0.41 0.00	110.56 -0.49 0.00	47.95 0.28 0.00	47.36 0.53 0.00	33.01 0.41 0.00	27.00 0.22 0.00	21.72 0.10 0.00
ST_LAW_230_BK5_LBMP 345035	22.99 0.22 0.00	22.46 0.23 0.00	20.56 0.18 0.00	17.82 0.14 0.00	17.37 0.10 0.00	22.07 0.13 0.00	35.64 0.28 0.00	41.72 0.32 0.00	46.16 0.17 0.00	28.61 0.04 0.00	22.63 0.04 0.00	22.66 0.01 0.00	23.69 0.08 0.00	26.68 0.08 0.00	27.90 0.07 0.00	30.34 0.05 0.00	40.50 -0.21 0.00	50.27 -0.38 0.00	110.56 -0.49 0.00	47.93 0.26 0.00	47.31 0.48 0.00	32.96 0.37 0.00	26.97 0.19 0.00	21.70 0.08 0.00
ST_LAW_230_BK6_LBMP 345036	22.99 0.22 0.00	22.46 0.23 0.00	20.56 0.18 0.00	17.82 0.14 0.00	17.37 0.10 0.00	22.07 0.13 0.00	35.64 0.28 0.00	41.72 0.32 0.00	46.16 0.17 0.00	28.61 0.04 0.00	22.63 0.04 0.00	22.66 0.01 0.00	23.69 0.08 0.00	26.68 0.08 0.00	27.90 0.07 0.00	30.34 0.05 0.00	40.50 -0.21 0.00	50.27 -0.38 0.00	110.56 -0.49 0.00	47.93 0.26 0.00	47.31 0.48 0.00	32.96 0.37 0.00	26.97 0.19 0.00	21.70 0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.64 0.88 0.00	23.11 0.89 0.00	21.17 0.80 0.00	18.38 0.70 0.00	17.95 0.69 0.00	22.82 0.88 0.00	36.74 1.38 0.00	42.96 1.56 0.00	47.89 1.90 0.00	29.94 1.37 0.00	23.86 1.27 0.00	23.91 1.26 0.00	24.87 1.26 0.00	28.11 1.50 0.00	29.38 1.56 0.00	32.02 1.73 0.00	43.08 2.37 0.00	53.47 2.82 0.00	117.07 6.03 0.00	50.04 2.37 0.00	48.90 2.07 0.00	34.22 1.63 0.00	28.25 1.47 0.00	22.81 1.19 0.00
SWANROAD_115KV_TB1 355699	21.60 -1.17 0.00	20.83 -1.40 0.00	18.85 -1.53 0.00	16.24 -1.45 0.00	15.88 -1.38 0.00	20.53 -1.41 0.00	33.46 -1.91 0.00	38.62 -2.78 0.00	35.80 -3.35 6.83	16.03 -1.60 10.93	21.30 -1.28 0.00	21.42 -1.23 0.00	22.63 -0.98 0.00	25.23 -1.37 0.00	26.35 -1.47 0.00	28.40 -1.88 0.00	37.83 -2.89 0.00	46.59 -4.06 0.00	29.36 -6.38 75.30	40.36 -3.76 3.55	43.00 -3.84 0.00	29.85 -2.75 0.00	24.06 -2.34 0.38	19.69 -1.87 0.06
SYNERGY___BIOGAS 323694	22.50 -0.26 0.00	21.73 -0.49 0.00	19.69 -0.68 0.00	17.00 -0.69 0.00	16.63 -0.63 0.00	21.48 -0.46 0.00	35.11 -0.26 0.00	40.71 -0.69 0.00	37.90 -1.04 7.05	16.97 -0.31 11.28	22.15 -0.44 0.00	22.23 -0.42 0.00	23.41 -0.19 0.00	26.19 -0.41 0.00	27.37 -0.46 0.00	29.58 -0.71 0.00	39.70 -1.02 0.00	49.44 -1.21 0.00	45.54 -0.89 64.62	43.53 -1.08 3.05	45.59 -1.24 0.00	31.54 -1.05 0.00	25.50 -1.03 0.25	20.70 -0.88 0.04
SYRACUSE___ENERGY_ST1 323597	22.40 -0.36 0.00	21.84 -0.38 0.00	20.02 -0.35 0.00	17.37 -0.31 0.00	16.98 -0.28 0.00	21.59 -0.35 0.00	37.52 -0.53 -2.69	43.64 -0.86 -3.11	46.49 -1.23 -1.73	28.17 -0.40 0.00	22.14 -0.44 0.00	22.24 -0.41 0.00	23.18 -0.43 0.00	26.11 -0.50 0.00	27.39 -0.43 0.00	29.79 -0.50 0.00	40.46 -0.25 0.00	51.32 0.67 0.00	160.45 -0.17 -49.57	48.97 -0.39 -1.69	46.38 -0.46 0.00	32.16 -0.44 0.00	26.36 -0.42 0.00	21.30 -0.32 0.00
SYRACUSE___ENERGY_ST2 323598	22.40 -0.36 0.00	21.84 -0.38 0.00	20.02 -0.35 0.00	17.37 -0.31 0.00	16.98 -0.28 0.00	21.59 -0.35 0.00	37.52 -0.53 -2.69	43.64 -0.86 -3.11	46.49 -1.23 -1.73	28.17 -0.40 0.00	22.14 -0.44 0.00	22.24 -0.41 0.00	23.18 -0.43 0.00	26.11 -0.50 0.00	27.39 -0.43 0.00	29.79 -0.50 0.00	40.46 -0.25 0.00	51.32 0.67 0.00	160.45 -0.17 -49.57	48.97 -0.39 -1.69	46.38 -0.46 0.00	32.16 -0.44 0.00	26.36 -0.42 0.00	21.30 -0.32 0.00
SYRACUSE___POWER 24017	22.41 -0.36 0.00	21.85 -0.38 0.00	20.01 -0.36 0.00	17.37 -0.32 0.00	16.97 -0.29 0.00	21.58 -0.36 0.00	36.70 -0.52 -1.86	42.70 -0.85 -2.15	44.32 -1.17 0.49	25.32 -0.42 2.83	22.15 -0.44 0.00	22.23 -0.42 0.00	23.17 -0.44 0.00	26.10 -0.50 0.00	27.34 -0.48 0.00	29.77 -0.52 0.00	40.20 -0.51 0.00	50.47 -0.18 0.00	301.13 -0.43 -190.51	53.19 -0.47 -5.99	46.28 -0.56 0.00	32.12 -0.48 0.00	26.33 -0.45 0.00	21.26 -0.36 0.00
TALLMAN___138KV_BK151 55660	23.65 0.88 0.00	23.13 0.90 0.00	21.18 0.81 0.00	18.39 0.71 0.00	17.96 0.70 0.00	22.82 0.88 0.00	36.75 1.38 0.00	42.96 1.56 0.00	47.91 1.92 0.00	29.99 1.42 0.00	23.92 1.34 0.00	23.98 1.33 0.00	24.93 1.32 0.00	28.19 1.58 0.00	29.47 1.64 0.00	32.09 1.80 0.00	43.13 2.41 0.00	53.47 2.82 0.00	117.10 6.05 0.00	50.02 2.35 0.00	48.81 1.97 0.00	34.22 1.63 0.00	28.28 1.50 0.00	22.85 1.23 0.00
TEALLAVE_115KV_TB7 355573	22.31 -0.45 0.00	21.76 -0.47 0.00	19.93 -0.44 0.00	17.30 -0.39 0.00	16.90 -0.36 0.00	21.49 -0.45 0.00	36.22 -0.68 -1.54	42.13 -1.05 -1.78	43.15 -1.36 1.48	23.93 -0.52 4.12	22.08 -0.51 0.00	22.16 -0.49 0.00	23.10 -0.51 0.00	26.02 -0.58 0.00	27.25 -0.57 0.00	29.66 -0.63 0.00	40.02 -0.69 0.00	50.11 -0.54 0.00	152.21 -1.22 -42.39	49.03 -0.79 -2.15	45.97 -0.86 0.00	31.93 -0.67 0.00	26.18 -0.60 0.00	21.15 -0.47 0.00
TELGRAPH_34_KV_EAST 80808	22.11 -0.66 0.00	21.34 -0.89 0.00	19.32 -1.05 0.00	16.66 -1.02 0.00	16.30 -0.96 0.00	21.06 -0.88 0.00	34.37 -1.00 0.00	39.77 -1.63 0.00	36.96 -2.08 6.96	16.58 -0.85 11.13	21.83 -0.75 0.00	21.95 -0.70 0.00	23.15 -0.46 0.00	25.86 -0.74 0.00	27.01 -0.81 0.00	29.16 -1.14 0.00	38.96 -1.76 0.00	48.18 -2.47 0.00	38.31 -3.49 69.25	42.11 -2.30 3.27	44.41 -2.43 0.00	30.77 -1.83 0.00	24.83 -1.64 0.31	20.24 -1.33 0.05
TEMPLE___115KV_TB 2 55572	22.32 -0.44 0.00	21.77 -0.46 0.00	19.94 -0.43 0.00	17.30 -0.38 0.00	16.90 -0.35 0.00	21.49 -0.44 0.00	36.23 -0.67 -1.54	42.13 -1.04 -1.78	43.10 -1.36 1.53	23.86 -0.50 4.20	22.09 -0.50 0.00	22.17 -0.48 0.00	23.11 -0.49 0.00	26.04 -0.57 0.00	27.26 -0.56 0.00	29.68 -0.61 0.00	40.04 -0.68 0.00	50.10 -0.55 0.00	152.62 -1.16 -42.74	49.12 -0.76 -2.22	46.00 -0.84 0.00	31.94 -0.65 0.00	26.19 -0.58 0.00	21.16 -0.46 0.00
TIANA____69_KV_BK 1 55817	23.59 0.82 0.00	23.07 0.85 0.00	21.09 0.72 0.00	18.35 0.66 0.00	17.88 0.62 0.00	22.97 1.03 0.00	37.00 1.64 0.00	43.16 1.76 0.00	31.26 1.97 16.69	5.66 1.02 23.93	23.85 1.26 0.00	23.93 1.28 0.00	24.79 1.19 0.00	28.63 2.02 0.00	30.00 2.18 0.00	32.60 2.31 0.00	43.79 3.18 0.11	52.52 3.23 1.36	55.70 6.10 61.44	44.70 2.74 5.71	49.72 2.88 0.00	34.87 2.27 0.00	29.09 2.31 0.00	23.66 2.04 0.00
TILDEN___115KV_TB1 80814	22.41 -0.36 0.00	21.85 -0.38 0.00	20.01 -0.36 0.00	17.37 -0.32 0.00	16.97 -0.29 0.00	21.58 -0.36 0.00	36.70 -0.52 -1.86	42.70 -0.85 -2.15	44.32 -1.17 0.49	25.32 -0.42 2.83	22.15 -0.44 0.00	22.23 -0.42 0.00	23.17 -0.44 0.00	26.10 -0.50 0.00	27.34 -0.48 0.00	29.77 -0.52 0.00	40.20 -0.51 0.00	50.47 -0.18 0.00	301.13 -0.43 -190.51	53.19 -0.47 -5.99	46.28 -0.56 0.00	32.12 -0.48 0.00	26.33 -0.45 0.00	21.26 -0.36 0.00

TRIGEN___CC 323695	23.81 1.04 0.00	23.28 1.05 0.00	21.30 0.93 0.00	18.52 0.84 0.00	18.06 0.80 0.00	22.95 1.01 0.00	36.83 1.47 0.00	43.03 1.63 0.00	43.53 1.99 4.45	23.69 1.50 6.37	24.17 1.58 0.00	24.26 1.61 0.00	25.18 1.57 0.00	28.58 1.97 0.00	29.86 2.04 0.00	32.45 2.16 0.00	43.64 2.92 0.00	53.73 3.20 0.11	100.42 6.61 17.23	48.56 2.57 1.68	49.17 2.33 0.00	34.66 2.06 0.00	28.73 1.95 0.00	23.31 1.69 0.00
TRINITY___115KV___4 BK 55933	23.16 0.39 0.00	22.63 0.40 0.00	20.77 0.40 0.00	18.07 0.38 0.00	17.63 0.37 0.00	22.44 0.50 0.00	35.96 0.59 0.00	41.98 0.58 0.00	46.75 0.76 0.00	29.04 0.47 0.00	23.09 0.50 0.00	23.12 0.48 0.00	24.05 0.44 0.00	27.13 0.53 0.00	28.35 0.53 0.00	30.91 0.62 0.00	41.80 1.09 0.00	52.18 1.53 0.00	114.14 3.09 0.00	48.75 1.09 0.00	47.94 1.10 0.00	33.35 0.75 0.00	27.55 0.77 0.00	22.30 0.68 0.00
UNION___PROCESSING_DRP 323587	22.28 -0.49 0.00	21.59 -0.64 0.00	19.64 -0.74 0.00	16.99 -0.70 0.00	16.61 -0.65 0.00	21.31 -0.63 0.00	34.65 -0.72 0.00	40.22 -1.18 0.00	37.09 -1.54 7.37	16.20 -0.58 11.79	22.01 -0.57 0.00	22.14 -0.51 0.00	23.26 -0.34 0.00	26.11 -0.49 0.00	27.30 -0.53 0.00	29.56 -0.73 0.00	39.67 -1.04 0.00	49.35 -1.30 0.00	59.26 -2.46 49.32	43.93 -1.39 2.35	45.32 -1.51 0.00	31.41 -1.19 0.00	25.66 -1.12 0.00	20.73 -0.89 0.00
UPPER HUDSON___HYD 24058	23.62 0.86 0.00	23.05 0.83 0.00	21.14 0.77 0.00	18.37 0.68 0.00	17.92 0.65 0.00	22.92 0.98 0.00	37.03 1.67 0.00	43.38 1.98 0.00	47.90 1.91 0.00	29.50 0.93 0.00	23.33 0.75 0.00	23.39 0.74 0.00	24.32 0.71 0.00	27.37 0.77 0.00	28.67 0.84 0.00	31.35 1.07 0.00	42.72 2.00 0.00	53.27 2.62 0.00	116.66 5.62 0.00	49.88 2.21 0.00	48.94 2.10 0.00	34.07 1.48 0.00	28.09 1.31 0.00	22.77 1.15 0.00
UPPER RAQUET___HYD 24056	23.38 0.62 0.00	22.86 0.64 0.00	20.92 0.55 0.00	18.14 0.46 0.00	17.70 0.44 0.00	22.54 0.60 0.00	37.03 1.20 -0.47	43.37 1.43 -0.54	47.55 1.22 -0.34	29.08 0.52 0.00	22.95 0.36 0.00	22.97 0.32 0.00	24.03 0.43 0.00	27.06 0.46 0.00	28.31 0.49 0.00	30.76 0.48 0.00	41.07 0.35 0.00	51.16 0.51 0.00	113.02 1.97 0.00	49.03 1.37 0.00	48.48 1.65 0.00	33.71 1.11 0.00	27.55 0.77 0.00	22.11 0.48 0.00
VALLEY44_115KV_TB2 355964	22.59 -0.18 0.00	21.93 -0.29 0.00	19.88 -0.49 0.00	17.16 -0.52 0.00	16.86 -0.40 0.00	21.74 -0.20 0.00	35.63 0.26 0.00	41.44 0.04 0.00	39.97 -0.31 5.72	19.22 0.08 9.43	22.67 0.08 0.00	22.91 0.26 0.00	24.05 0.44 0.00	26.92 0.31 0.00	28.15 0.32 0.00	30.29 0.00 0.00	40.54 -0.17 0.00	50.20 -0.45 0.00	5.74 0.59 105.89	42.17 -0.52 4.97	45.98 -0.86 0.00	31.79 -0.80 0.00	25.84 -0.73 0.21	20.86 -0.03 0.03
VALLEY___115KV_TB 1-4 80826	22.77 0.00 0.00	22.28 0.06 0.00	20.47 0.09 0.00	17.80 0.11 0.00	17.37 0.11 0.00	22.15 0.21 0.00	35.77 0.40 0.00	41.87 0.47 0.00	46.27 0.28 0.00	28.46 -0.11 0.00	22.48 -0.11 0.00	22.56 -0.09 0.00	23.47 -0.13 0.00	26.49 -0.12 0.00	27.68 -0.14 0.00	30.30 0.01 0.00	41.16 0.45 0.00	51.51 0.86 0.00	113.20 2.16 0.00	48.23 0.56 0.00	47.22 0.38 0.00	32.94 0.34 0.00	27.17 0.40 0.00	21.87 0.25 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.65 0.88 0.00	23.09 0.87 0.00	21.23 0.86 0.00	18.39 0.70 0.00	17.97 0.71 0.00	22.88 0.94 0.00	37.03 1.66 0.00	43.28 1.89 0.00	46.45 2.01 1.55	27.46 1.37 2.48	23.75 1.17 0.00	23.84 1.19 0.00	24.82 1.22 0.00	27.96 1.36 0.00	29.25 1.43 0.00	31.84 1.55 0.00	42.87 2.16 0.00	53.24 2.59 0.00	147.04 5.17 -30.83	51.18 2.19 -1.32	48.95 2.12 0.00	34.04 1.44 0.00	27.98 1.20 0.00	22.53 0.91 0.00
VISCHER___FERRY HYD 24020	23.51 0.75 0.00	22.96 0.73 0.00	21.07 0.70 0.00	18.32 0.64 0.00	17.87 0.61 0.00	22.75 0.81 0.00	36.51 1.15 0.00	42.66 1.26 0.00	47.39 1.40 0.00	29.39 0.82 0.00	23.33 0.75 0.00	23.36 0.72 0.00	24.31 0.70 0.00	27.41 0.80 0.00	28.65 0.82 0.00	31.23 0.94 0.00	42.28 1.57 0.00	52.81 2.16 0.00	115.59 4.54 0.00	49.41 1.75 0.00	48.62 1.78 0.00	33.81 1.21 0.00	27.91 1.13 0.00	22.59 0.97 0.00
V_A_10_SYNC_DSASP 323832	21.94 -0.83 0.00	21.22 -1.00 0.00	19.25 -1.12 0.00	16.62 -1.07 0.00	16.26 -1.00 0.00	20.93 -1.01 0.00	34.09 -1.27 0.00	39.45 -1.95 0.00	36.24 -2.36 7.40	15.74 -0.99 11.83	21.71 -0.88 0.00	21.85 -0.80 0.00	23.02 -0.59 0.00	25.76 -0.85 0.00	26.92 -0.91 0.00	29.05 -1.24 0.00	38.82 -1.90 0.00	47.98 -2.67 0.00	45.31 -5.12 60.61	42.11 -2.70 2.86	44.11 -2.73 0.00	30.58 -2.02 0.00	24.76 -1.78 0.24	20.17 -1.41 0.04
V_CMM_10_SYNC_DSASP 323787	23.14 0.37 0.00	22.60 0.37 0.00	20.68 0.30 0.00	17.93 0.24 0.00	17.46 0.20 0.00	22.20 0.26 0.00	35.87 0.50 0.00	41.98 0.58 0.00	46.43 0.43 0.00	28.76 0.19 0.00	22.75 0.17 0.00	22.79 0.14 0.00	23.83 0.23 0.00	26.84 0.23 0.00	28.07 0.24 0.00	30.51 0.22 0.00	40.73 0.01 0.00	50.52 -0.13 0.00	111.15 0.10 0.00	48.20 0.53 0.00	47.62 0.78 0.00	33.17 0.58 0.00	27.15 0.37 0.00	21.83 0.21 0.00
V_CMP_10_SYNC_DSASP 323788	23.91 1.15 0.00	23.37 1.15 0.00	21.40 1.03 0.00	18.60 0.91 0.00	18.10 0.84 0.00	22.81 0.87 0.00	36.91 1.55 0.00	42.96 1.56 0.00	47.24 1.25 0.00	29.20 0.63 0.00	23.01 0.43 0.00	23.05 0.40 0.00	24.02 0.41 0.00	27.06 0.46 0.00	28.36 0.54 0.00	30.97 0.68 0.00	41.12 0.41 0.00	51.36 0.71 0.00	112.68 1.63 0.00	49.09 1.42 0.00	48.65 1.81 0.00	33.86 1.27 0.00	27.78 1.00 0.00	22.33 0.71 0.00
V_D_10_SYNC_DSASP 323841	23.28 0.52 0.00	22.74 0.52 0.00	20.80 0.43 0.00	18.04 0.35 0.00	17.58 0.32 0.00	22.36 0.42 0.00	36.15 0.79 0.00	42.32 0.93 0.00	46.76 0.77 0.00	28.94 0.37 0.00	22.88 0.30 0.00	22.91 0.26 0.00	23.96 0.36 0.00	26.99 0.38 0.00	28.21 0.39 0.00	30.66 0.36 0.00	40.86 0.14 0.00	50.72 0.07 0.00	111.67 0.63 0.00	48.43 0.76 0.00	47.95 1.11 0.00	33.42 0.83 0.00	27.34 0.56 0.00	21.98 0.36 0.00
V_E_10_SYNC_DSASP 323830	24.12 1.35 0.00	23.56 1.34 0.00	21.48 1.11 0.00	18.65 0.96 0.00	18.31 1.05 0.00	23.49 1.55 0.00	39.09 3.07 -0.66	45.77 3.60 -0.77	47.94 3.30 1.35	27.37 1.85 3.05	23.76 1.18 0.00	23.86 1.21 0.00	24.85 1.25 0.00	27.91 1.31 0.00	29.20 1.37 0.00	31.88 1.59 0.00	43.42 2.71 0.00	54.92 4.27 0.00	647.77 10.70 -526.03	75.29 3.87 -23.75	50.22 3.38 0.00	34.39 1.80 0.00	28.03 1.15 -0.10	22.29 0.66 -0.02
V_F_30_NSYNC___DSASP 323816	23.76 0.99 0.00	23.19 0.97 0.00	21.28 0.91 0.00	18.49 0.81 0.00	18.05 0.79 0.00	23.01 1.07 0.00	37.09 1.73 0.00	43.36 1.96 0.00	48.01 2.01 0.00	29.68 1.12 0.00	23.50 0.92 0.00	23.54 0.90 0.00	24.49 0.88 0.00	27.61 1.00 0.00	28.90 1.07 0.00	31.57 1.28 0.00	42.85 2.13 0.00	53.57 2.92 0.00	117.28 6.23 0.00	50.14 2.47 0.00	49.25 2.41 0.00	34.24 1.65 0.00	28.22 1.44 0.00	22.84 1.22 0.00

V_F_30_SYNC_DSASP 323786	23.24 0.47 0.00	22.70 0.47 0.00	20.83 0.46 0.00	18.12 0.44 0.00	17.68 0.42 0.00	22.51 0.57 0.00	36.11 0.75 0.00	42.18 0.78 0.00	46.95 0.96 0.00	29.16 0.59 0.00	23.17 0.59 0.00	23.21 0.57 0.00	24.14 0.53 0.00	27.24 0.64 0.00	28.47 0.65 0.00	31.06 0.77 0.00	42.04 1.32 0.00	52.46 1.81 0.00	114.74 3.69 0.00	48.99 1.33 0.00	48.14 1.31 0.00	33.49 0.89 0.00	27.64 0.86 0.00	22.38 0.76 0.00
V_XM_10_SYNC_DSASP 323789	23.91 1.15 0.00	23.37 1.15 0.00	21.40 1.03 0.00	18.60 0.91 0.00	18.10 0.84 0.00	22.81 0.87 0.00	36.91 1.55 0.00	42.96 1.56 0.00	47.24 1.25 0.00	29.20 0.63 0.00	23.01 0.43 0.00	23.05 0.40 0.00	24.02 0.41 0.00	27.06 0.46 0.00	28.36 0.54 0.00	30.97 0.68 0.00	41.12 0.41 0.00	51.36 0.71 0.00	112.68 1.63 0.00	49.09 1.42 0.00	48.65 1.81 0.00	33.86 1.27 0.00	27.78 1.00 0.00	22.33 0.71 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.72 0.95 0.00	23.19 0.97 0.00	21.24 0.87 0.00	18.44 0.76 0.00	18.00 0.74 0.00	22.88 0.94 0.00	36.87 1.50 0.00	43.11 1.71 0.00	48.06 2.07 0.00	30.08 1.51 0.00	23.99 1.41 0.00	24.05 1.40 0.00	25.01 1.40 0.00	28.28 1.67 0.00	29.55 1.72 0.00	32.17 1.89 0.00	43.24 2.53 0.00	53.63 2.98 0.00	117.46 6.41 0.00	50.16 2.50 0.00	48.95 2.11 0.00	34.31 1.71 0.00	28.35 1.57 0.00	22.91 1.29 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.91 1.14 0.00	23.36 1.13 0.00	21.40 1.03 0.00	18.59 0.91 0.00	18.15 0.88 0.00	23.06 1.12 0.00	37.08 1.72 0.00	43.35 1.96 0.00	48.48 2.48 0.00	30.42 1.86 0.00	24.36 1.77 0.00	24.44 1.79 0.00	25.39 1.79 0.00	28.72 2.11 0.00	29.99 2.17 0.00	32.68 2.39 0.00	43.89 3.17 0.00	54.32 3.67 0.00	118.69 7.65 0.00	50.68 3.01 0.00	49.53 2.70 0.00	34.72 2.12 0.00	28.64 1.86 0.00	23.16 1.53 0.00
W50THST__13_KV_LOAD 356117	24.01 1.24 0.00	23.45 1.22 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.16 1.22 0.00	37.25 1.89 0.00	43.57 2.17 0.00	48.75 2.75 0.00	30.62 2.05 0.00	24.53 1.95 0.00	24.62 1.97 0.00	25.59 1.98 0.00	28.94 2.33 0.00	30.22 2.40 0.00	32.93 2.65 0.00	44.23 3.51 0.00	54.70 4.05 0.00	119.45 8.41 0.00	50.97 3.30 0.00	49.79 2.95 0.00	34.89 2.30 0.00	28.77 1.99 0.00	23.26 1.64 0.00
WADING RIVER_IC_1 23522	23.33 0.56 0.00	22.83 0.60 0.00	20.87 0.49 0.00	18.16 0.47 0.00	17.69 0.43 0.00	22.77 0.83 0.00	36.74 1.38 0.00	42.84 1.44 0.00	30.87 1.58 16.70	5.30 0.67 23.94	23.59 1.01 0.00	23.67 1.03 0.00	24.52 0.91 0.00	28.42 1.82 0.00	29.79 1.97 0.00	32.36 2.07 0.00	43.45 2.84 0.11	51.99 2.70 1.36	54.41 4.83 61.46	44.22 2.26 5.71	49.34 2.50 0.00	34.58 1.99 0.00	28.90 2.12 0.00	23.52 1.90 0.00
WADING RIVER_IC_2 23547	23.33 0.56 0.00	22.83 0.60 0.00	20.87 0.49 0.00	18.16 0.47 0.00	17.69 0.43 0.00	22.77 0.83 0.00	36.74 1.38 0.00	42.84 1.44 0.00	30.87 1.58 16.70	5.30 0.67 23.94	23.59 1.01 0.00	23.67 1.03 0.00	24.52 0.91 0.00	28.42 1.82 0.00	29.79 1.97 0.00	32.36 2.07 0.00	43.45 2.84 0.11	51.99 2.70 1.36	54.41 4.83 61.46	44.22 2.26 5.71	49.34 2.50 0.00	34.58 1.99 0.00	28.90 2.12 0.00	23.52 1.90 0.00
WADING RIVER_IC_3 23601	23.33 0.56 0.00	22.83 0.60 0.00	20.87 0.49 0.00	18.16 0.47 0.00	17.69 0.43 0.00	22.77 0.83 0.00	36.74 1.38 0.00	42.84 1.44 0.00	30.87 1.58 16.70	5.30 0.67 23.94	23.59 1.01 0.00	23.67 1.03 0.00	24.52 0.91 0.00	28.42 1.82 0.00	29.79 1.97 0.00	32.36 2.07 0.00	43.45 2.84 0.11	51.99 2.70 1.36	54.41 4.83 61.46	44.22 2.26 5.71	49.34 2.50 0.00	34.58 1.99 0.00	28.90 2.12 0.00	23.52 1.90 0.00
WALDENNY_12_KV_BK2 80841	22.23 -0.53 0.00	21.47 -0.75 0.00	19.44 -0.93 0.00	16.76 -0.92 0.00	16.42 -0.84 0.00	21.21 -0.72 0.00	34.67 -0.70 0.00	40.16 -1.24 0.00	37.84 -1.64 6.52	17.59 -0.55 10.43	22.12 -0.46 0.00	22.29 -0.36 0.00	23.50 -0.10 0.00	26.25 -0.36 0.00	27.45 -0.37 0.00	29.60 -0.68 0.00	39.51 -1.21 0.00	48.73 -1.92 0.00	21.79 -2.82 86.44	41.69 -1.91 4.07	44.76 -2.08 0.00	30.93 -1.66 0.00	24.76 -1.53 0.48	20.23 -1.32 0.08
WALDEN__HYDRO 24148	23.80 1.04 0.00	23.26 1.03 0.00	21.30 0.93 0.00	18.50 0.82 0.00	18.06 0.80 0.00	22.97 1.03 0.00	37.01 1.65 0.00	43.29 1.89 0.00	48.26 2.27 0.00	30.15 1.58 0.00	24.02 1.43 0.00	24.07 1.43 0.00	25.03 1.42 0.00	28.28 1.68 0.00	29.57 1.74 0.00	32.23 1.94 0.00	43.41 2.69 0.00	53.95 3.30 0.00	118.10 7.05 0.00	50.47 2.81 0.00	49.34 2.51 0.00	34.50 1.91 0.00	28.46 1.68 0.00	22.98 1.36 0.00
WARRENSBURG____ 23737	23.62 0.86 0.00	23.05 0.83 0.00	21.14 0.77 0.00	18.37 0.68 0.00	17.92 0.65 0.00	22.92 0.98 0.00	37.03 1.67 0.00	43.38 1.98 0.00	47.90 1.91 0.00	29.50 0.93 0.00	23.33 0.75 0.00	23.39 0.74 0.00	24.32 0.71 0.00	27.37 0.77 0.00	28.67 0.84 0.00	31.35 1.07 0.00	42.72 2.00 0.00	53.27 2.62 0.00	116.66 5.62 0.00	49.88 2.21 0.00	48.94 2.10 0.00	34.07 1.48 0.00	28.09 1.31 0.00	22.77 1.15 0.00
WATERSIDE____6 8 9 23538	23.95 1.18 0.00	23.40 1.17 0.00	21.45 1.08 0.00	18.63 0.94 0.00	18.18 0.92 0.00	23.08 1.15 0.00	37.08 1.71 0.00	43.33 1.93 0.00	48.49 2.50 0.00	30.49 1.92 0.00	24.39 1.80 0.00	24.47 1.82 0.00	25.41 1.80 0.00	28.74 2.14 0.00	30.01 2.19 0.00	32.68 2.39 0.00	43.82 3.11 0.00	54.26 3.61 0.00	118.56 7.52 0.00	50.65 2.98 0.00	49.54 2.70 0.00	34.77 2.18 0.00	28.67 1.89 0.00	23.20 1.58 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.79 0.02 0.00	22.26 0.03 0.00	20.44 0.06 0.00	17.76 0.08 0.00	17.34 0.08 0.00	22.07 0.14 0.00	35.60 0.24 0.00	41.65 0.25 0.00	46.12 0.13 0.00	28.48 -0.09 0.00	22.50 -0.08 0.00	22.58 -0.07 0.00	23.50 -0.11 0.00	26.50 -0.10 0.00	27.70 -0.12 0.00	30.26 -0.03 0.00	41.00 0.28 0.00	51.20 0.55 0.00	112.43 1.38 0.00	48.09 0.42 0.00	47.16 0.32 0.00	32.84 0.24 0.00	27.05 0.27 0.00	21.82 0.20 0.00
WATSON____69_KV_BK 1 55734	23.96 1.19 0.00	23.43 1.20 0.00	21.42 1.05 0.00	18.63 0.95 0.00	18.15 0.89 0.00	23.12 1.18 0.00	37.07 1.71 0.00	43.31 1.92 0.00	32.10 2.24 16.13	6.97 1.52 23.12	24.27 1.69 0.00	24.35 1.70 0.00	25.24 1.63 0.00	28.83 2.22 0.00	30.13 2.30 0.00	32.74 2.45 0.00	43.95 3.33 0.10	52.69 3.35 1.30	58.38 6.99 59.65	45.13 3.02 5.56	49.77 2.93 0.00	35.03 2.44 0.00	29.12 2.34 0.00	23.68 2.06 0.00
WDELAWARE__HYD 323627	23.97 1.21 0.00	23.41 1.19 0.00	21.45 1.08 0.00	18.62 0.93 0.00	18.18 0.92 0.00	23.14 1.20 0.00	37.36 2.00 0.00	43.72 2.33 0.00	48.68 2.68 0.00	30.36 1.79 0.00	24.13 1.55 0.00	24.16 1.51 0.00	25.11 1.50 0.00	28.36 1.75 0.00	29.66 1.84 0.00	32.34 2.05 0.00	43.61 2.90 0.00	54.29 3.64 0.00	119.05 8.00 0.00	50.92 3.24 0.00	49.79 2.95 0.00	34.77 2.17 0.00	28.63 1.85 0.00	23.09 1.47 0.00

WEST BABYLON___IC 23714	23.97 1.21 0.00	23.43 1.21 0.00	21.42 1.05 0.00	18.63 0.95 0.00	18.15 0.89 0.00	23.10 1.16 0.00	37.04 1.68 0.00	43.29 1.89 0.00	33.37 2.25 14.88	8.80 1.56 21.32	24.28 1.70 0.00	24.36 1.71 0.00	25.26 1.65 0.00	28.79 2.19 0.00	30.09 2.27 0.00	32.69 2.40 0.00	43.90 3.27 0.09	52.84 3.37 1.19	62.40 7.08 55.73	45.42 2.98 5.23	49.69 2.85 0.00	34.98 2.39 0.00	29.07 2.29 0.00	23.63 2.01 0.00
WEST CANADA___HYD 24049	22.80 0.03 0.00	22.27 0.04 0.00	20.42 0.05 0.00	17.74 0.05 0.00	17.31 0.05 0.00	22.01 0.07 0.00	35.46 0.10 0.00	41.46 0.06 0.00	46.05 0.06 0.00	28.64 0.07 0.00	22.65 0.07 0.00	22.72 0.07 0.00	23.66 0.06 0.00	26.68 0.08 0.00	27.88 0.05 0.00	30.37 0.08 0.00	40.90 0.18 0.00	50.87 0.22 0.00	111.49 0.45 0.00	47.81 0.15 0.00	46.95 0.11 0.00	32.66 0.07 0.00	26.86 0.08 0.00	21.71 0.09 0.00
WESTERN_NY_WIND 24143	22.48 -0.29 0.00	21.70 -0.52 0.00	19.67 -0.70 0.00	16.97 -0.72 0.00	16.61 -0.65 0.00	21.45 -0.49 0.00	35.06 -0.31 0.00	40.66 -0.74 0.00	37.84 -1.13 7.02	16.97 -0.37 11.23	22.12 -0.46 0.00	22.20 -0.45 0.00	23.39 -0.22 0.00	26.16 -0.45 0.00	27.33 -0.50 0.00	29.54 -0.75 0.00	39.62 -1.09 0.00	49.33 -1.32 0.00	43.93 -1.05 66.07	43.43 -1.12 3.12	45.51 -1.33 0.00	31.49 -1.11 0.00	25.43 -1.08 0.27	20.67 -0.91 0.04
WESTOVER___LESR 323668	22.96 0.20 0.00	22.42 0.20 0.00	20.50 0.13 0.00	17.73 0.05 0.00	17.38 0.12 0.00	22.19 0.25 0.00	36.06 0.70 0.00	42.23 0.83 0.00	44.23 0.73 2.50	24.85 0.60 4.31	23.05 0.46 0.00	23.28 0.63 0.00	24.27 0.66 0.00	27.26 0.66 0.00	28.55 0.73 0.00	31.00 0.72 0.00	41.67 0.95 0.00	51.57 0.92 0.00	42.00 2.13 71.17	45.10 0.82 3.39	47.59 0.75 0.00	32.99 0.40 0.00	27.20 0.36 -0.07	21.74 0.10 -0.01
WETHRSFD_WT_PWR 323626	21.99 -0.78 0.00	21.29 -0.93 0.00	19.33 -1.05 0.00	16.68 -1.01 0.00	16.36 -0.90 0.00	21.13 -0.81 0.00	34.63 -0.74 0.00	40.22 -1.17 0.00	38.84 -1.54 5.61	18.68 -0.59 9.29	22.04 -0.55 0.00	22.24 -0.41 0.00	23.32 -0.29 0.00	26.10 -0.50 0.00	27.37 -0.45 0.00	29.55 -0.74 0.00	39.60 -1.12 0.00	49.08 -1.57 0.00	-11.66 -2.34 120.37	40.37 -1.65 5.65	44.89 -1.94 0.00	30.85 -1.74 0.00	23.46 -1.67 1.64	19.75 -1.60 0.26
WHAVSTOR_138KV_BK127 55557	23.63 0.86 0.00	23.10 0.88 0.00	21.16 0.79 0.00	18.38 0.69 0.00	17.94 0.68 0.00	22.80 0.86 0.00	36.71 1.34 0.00	42.91 1.51 0.00	47.85 1.85 0.00	29.94 1.38 0.00	23.88 1.30 0.00	23.94 1.29 0.00	24.89 1.28 0.00	28.14 1.54 0.00	29.40 1.58 0.00	32.02 1.73 0.00	43.01 2.30 0.00	53.35 2.70 0.00	116.84 5.80 0.00	49.91 2.24 0.00	48.71 1.88 0.00	34.15 1.56 0.00	28.23 1.45 0.00	22.82 1.20 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.63 0.86 0.00	23.10 0.88 0.00	21.16 0.79 0.00	18.38 0.69 0.00	17.94 0.68 0.00	22.80 0.86 0.00	36.71 1.34 0.00	42.91 1.51 0.00	47.85 1.85 0.00	29.94 1.38 0.00	23.88 1.30 0.00	23.94 1.29 0.00	24.89 1.28 0.00	28.14 1.54 0.00	29.40 1.58 0.00	32.02 1.73 0.00	43.01 2.30 0.00	53.35 2.70 0.00	116.84 5.80 0.00	49.91 2.24 0.00	48.71 1.88 0.00	34.15 1.56 0.00	28.23 1.45 0.00	22.82 1.20 0.00
WHITEHAL_115KV_TB1 80871	24.32 1.56 0.00	23.77 1.55 0.00	21.78 1.41 0.00	18.90 1.22 0.00	18.37 1.11 0.00	23.74 1.80 0.00	38.58 3.22 0.00	45.34 3.94 0.00	49.52 3.52 0.00	29.99 1.43 0.00	23.70 1.12 0.00	23.80 1.15 0.00	24.69 1.09 0.00	27.62 1.01 0.00	28.94 1.12 0.00	31.71 1.42 0.00	43.72 3.00 0.00	54.90 4.25 0.00	120.53 9.48 0.00	51.76 4.09 0.00	50.93 4.10 0.00	34.93 2.34 0.00	28.96 2.19 0.00	23.48 1.86 0.00
WHITEPLN_13_KV_LOAD 356215	24.00 1.23 0.00	23.45 1.22 0.00	21.48 1.11 0.00	18.66 0.98 0.00	18.20 0.94 0.00	23.14 1.20 0.00	37.27 1.91 0.00	43.59 2.19 0.00	48.69 2.70 0.00	30.51 1.94 0.00	24.39 1.81 0.00	24.49 1.84 0.00	25.45 1.85 0.00	28.78 2.18 0.00	30.05 2.23 0.00	32.75 2.46 0.00	44.04 3.33 0.00	54.59 3.94 0.00	119.35 8.30 0.00	50.95 3.28 0.00	49.80 2.97 0.00	34.84 2.25 0.00	28.75 1.97 0.00	23.23 1.61 0.00
WM_FLOYD_69_KV_BK2 356380	23.56 0.80 0.00	23.05 0.83 0.00	21.07 0.70 0.00	18.33 0.65 0.00	17.86 0.60 0.00	22.88 0.94 0.00	36.76 1.40 0.00	42.88 1.48 0.00	31.03 1.70 16.67	5.64 0.96 23.89	23.81 1.23 0.00	23.89 1.24 0.00	24.73 1.13 0.00	28.47 1.86 0.00	29.79 1.97 0.00	32.37 2.08 0.00	43.49 2.88 0.10	52.17 2.88 1.36	55.21 5.52 61.35	44.42 2.45 5.70	49.37 2.54 0.00	34.66 2.06 0.00	28.92 2.14 0.00	23.54 1.92 0.00
WOODARD___115KV_TB2 355635	22.29 -0.48 0.00	21.73 -0.49 0.00	19.91 -0.46 0.00	17.28 -0.40 0.00	16.89 -0.38 0.00	21.46 -0.48 0.00	36.60 -0.74 -1.97	42.56 -1.12 -2.28	44.32 -1.45 0.22	25.52 -0.55 2.49	22.04 -0.54 0.00	22.13 -0.52 0.00	23.06 -0.54 0.00	25.98 -0.62 0.00	27.24 -0.59 0.00	29.63 -0.66 0.00	40.01 -0.71 0.00	50.27 -0.38 0.00	145.55 -1.40 -35.90	48.44 -0.86 -1.63	45.92 -0.91 0.00	31.88 -0.71 0.00	26.15 -0.62 0.00	21.13 -0.49 0.00
YORK___WARBASSE 23770	24.02 1.25 0.00	23.46 1.24 0.00	21.49 1.12 0.00	18.66 0.98 0.00	18.22 0.95 0.00	23.15 1.21 0.00	37.19 1.83 0.00	43.47 2.07 0.00	48.62 2.63 0.00	30.59 2.02 0.00	24.44 1.86 0.00	24.52 1.88 0.00	25.46 1.86 0.00	28.81 2.21 0.00	30.09 2.26 0.00	32.77 2.48 0.00	43.90 3.19 0.00	54.37 3.72 0.00	118.89 7.85 0.00	50.81 3.15 0.00	49.70 2.87 0.00	34.94 2.35 0.00	28.80 2.02 0.00	23.29 1.67 0.00