

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/03/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	48.23	37.27	33.66	35.70	37.89	39.63	35.30	34.31	40.00	46.85	50.83	54.16	57.59	78.47	55.38	63.36	60.22	58.69	50.81	50.74	49.35	44.75	34.81	27.38
24138	2.98	2.37	2.19	2.15	2.08	2.04	2.21	2.42	2.89	3.26	3.96	4.24	4.35	6.21	4.47	5.39	5.67	5.07	4.19	3.42	2.92	2.56	2.08	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.91	-0.39	-0.24	-0.02	0.00	0.00	0.00	0.00	-3.65	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	48.30	37.32	33.71	35.75	37.94	39.67	35.32	34.30	40.00	47.27	51.02	54.29	57.60	78.47	55.39	63.35	60.21	58.72	50.87	50.88	49.53	44.90	34.89	27.42
24260	3.05	2.42	2.23	2.20	2.14	2.08	2.22	2.41	2.89	3.27	3.94	4.27	4.37	6.21	4.49	5.39	5.66	5.11	4.26	3.56	3.10	2.71	2.16	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-0.60	-0.34	0.00	0.00	0.00	0.00	0.00	-3.64	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	48.30	37.32	33.71	35.75	37.94	39.67	35.32	34.30	40.00	47.27	51.02	54.29	57.60	78.47	55.39	63.35	60.21	58.72	50.87	50.88	49.53	44.90	34.89	27.42
24261	3.05	2.42	2.23	2.20	2.14	2.08	2.22	2.41	2.89	3.27	3.94	4.27	4.37	6.21	4.49	5.39	5.66	5.11	4.26	3.56	3.10	2.71	2.16	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.32	-0.60	-0.34	0.00	0.00	0.00	0.00	0.00	-3.64	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.34	36.81	33.23	35.50	37.63	39.44	34.83	33.55	38.93	43.83	48.24	51.18	54.64	74.57	52.44	60.43	57.43	52.97	49.26	49.82	48.77	44.17	34.15	26.74
24011	2.10	1.91	1.76	1.95	1.82	1.85	1.74	1.66	1.82	2.15	1.75	1.50	1.42	2.31	1.53	2.46	2.88	2.66	2.65	2.50	2.34	1.98	1.42	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	47.67	37.29	33.63	35.93	37.93	39.75	35.18	33.87	39.05	44.14	48.48	51.32	54.88	74.75	52.49	60.67	57.88	53.24	49.74	50.03	48.93	44.32	34.26	26.76
23798	2.42	2.39	2.16	2.38	2.13	2.16	2.08	1.98	1.94	2.46	1.99	1.64	1.65	2.50	1.58	2.70	3.33	2.93	3.13	2.71	2.50	2.13	1.53	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.34	36.81	33.23	35.50	37.63	39.44	34.83	33.55	38.93	43.83	48.24	51.18	54.64	74.57	52.44	60.43	57.43	52.97	49.26	49.82	48.77	44.17	34.15	26.74
24028	2.10	1.91	1.76	1.95	1.82	1.85	1.74	1.66	1.82	2.15	1.75	1.50	1.42	2.31	1.53	2.46	2.88	2.66	2.65	2.50	2.34	1.98	1.42	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	46.76	36.55	33.15	35.40	37.44	39.22	34.67	33.48	38.60	42.99	47.82	51.12	54.76	74.87	52.39	60.22	56.91	53.14	48.87	49.16	48.26	43.71	33.89	26.60
23527	1.51	1.65	1.67	1.85	1.64	1.63	1.58	1.59	1.49	1.31	1.34	1.44	1.53	2.61	1.49	2.26	2.36	2.44	2.25	1.84	1.83	1.52	1.15	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.73	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	45.07	35.04	31.88	34.09	36.11	37.70	33.41	32.22	37.29	41.76	46.55	49.70	53.24	72.68	51.12	58.61	55.37	51.14	47.20	47.57	46.57	42.24	32.76	25.80
24190	-0.17	0.14	0.40	0.54	0.30	0.11	0.32	0.33	0.18	0.08	0.07	0.02	0.02	0.42	0.21	0.65	0.82	0.81	0.58	0.25	0.14	0.05	0.03	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	45.26	34.87	31.32	33.30	35.67	37.66	33.17	31.99	37.26	41.85	46.44	49.40	52.97	71.62	50.34	57.33	53.83	49.36	46.16	46.98	46.32	42.25	32.86	25.77
355683	0.01	-0.03	-0.15	-0.25	-0.13	0.07	0.07	0.10	0.15	0.17	-0.04	-0.28	-0.25	-0.64	-0.56	-0.63	-0.72	-0.61	-0.45	-0.34	-0.11	0.06	0.13	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	45.58	35.78	32.46	34.73	36.86	38.53	34.03	32.71	37.94	42.46	47.33	50.36	53.94	73.56	51.80	59.49	56.40	52.17	48.06	48.51	47.59	43.20	33.49	26.36
323833	0.34	0.89	0.99	1.18	1.05	0.94	0.93	0.82	0.83	0.79	0.85	0.67	0.72	1.31	0.89	1.53	1.85	1.77	1.44	1.19	1.16	1.01	0.76	0.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	45.56	35.77	32.46	34.72	36.85	38.53	34.01	32.70	37.93	42.46	47.32	50.34	53.92	73.55	51.79	59.46	56.38	52.16	48.05	48.49	47.57	43.19	33.47	26.35
323834	0.31	0.87	0.98	1.17	1.05	0.93	0.92	0.81	0.82	0.78	0.84	0.66	0.69	1.29	0.88	1.50	1.83	1.75	1.44	1.18	1.14	1.00	0.74	0.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	45.07	35.04	31.88	34.09	36.11	37.70	33.41	32.22	37.29	41.76	46.55	49.70	53.24	72.68	51.12	58.61	55.37	51.14	47.20	47.57	46.57	42.24	32.76	25.80
23571	-0.17	0.14	0.40	0.54	0.30	0.11	0.32	0.33	0.18	0.08	0.07	0.02	0.02	0.42	0.21	0.65	0.82	0.81	0.58	0.25	0.14	0.05	0.03	0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.36	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	45.07 -0.17 0.00	35.04 0.14 0.00	31.88 0.40 0.00	34.09 0.54 0.00	36.11 0.30 0.00	37.70 0.11 0.00	33.41 0.32 0.00	32.22 0.33 0.00	37.29 0.18 0.00	41.76 0.08 0.00	46.55 0.07 0.00	49.70 0.02 0.00	53.24 0.02 0.00	72.68 0.42 0.00	51.12 0.21 0.00	58.61 0.65 0.00	55.37 0.82 0.00	51.14 0.81 -0.36	47.20 0.58 0.00	47.57 0.25 0.00	46.57 0.14 0.00	42.24 0.05 0.00	32.76 0.03 0.00	25.80 0.13 0.00
ALBANY___3 23573	45.07 -0.17 0.00	35.04 0.14 0.00	31.88 0.40 0.00	34.09 0.54 0.00	36.11 0.30 0.00	37.70 0.11 0.00	33.41 0.32 0.00	32.22 0.33 0.00	37.29 0.18 0.00	41.76 0.08 0.00	46.55 0.07 0.00	49.70 0.02 0.00	53.24 0.02 0.00	72.68 0.42 0.00	51.12 0.21 0.00	58.61 0.65 0.00	55.37 0.82 0.00	51.14 0.81 -0.36	47.20 0.58 0.00	47.57 0.25 0.00	46.57 0.14 0.00	42.24 0.05 0.00	32.76 0.03 0.00	25.80 0.13 0.00
ALBANY___4 23574	45.07 -0.17 0.00	35.04 0.14 0.00	31.88 0.40 0.00	34.09 0.54 0.00	36.11 0.30 0.00	37.70 0.11 0.00	33.41 0.32 0.00	32.22 0.33 0.00	37.29 0.18 0.00	41.76 0.08 0.00	46.55 0.07 0.00	49.70 0.02 0.00	53.24 0.02 0.00	72.68 0.42 0.00	51.12 0.21 0.00	58.61 0.65 0.00	55.37 0.82 0.00	51.14 0.81 -0.36	47.20 0.58 0.00	47.57 0.25 0.00	46.57 0.14 0.00	42.24 0.05 0.00	32.76 0.03 0.00	25.80 0.13 0.00
ALBANY___LFGE 323615	45.66 0.41 0.00	35.48 0.58 0.00	32.23 0.75 0.00	34.47 0.91 0.00	36.50 0.70 0.00	38.14 0.55 0.00	33.78 0.69 0.00	32.60 0.70 0.00	37.76 0.65 0.00	42.32 0.64 0.00	47.14 0.65 0.00	50.32 0.64 0.00	53.93 0.70 0.00	73.63 1.37 0.00	51.79 0.89 0.00	59.44 1.47 0.00	56.17 1.61 0.00	51.84 1.51 -0.36	47.80 1.19 0.00	48.21 0.89 0.00	47.19 0.76 0.00	42.79 0.60 0.00	33.16 0.43 0.00	26.09 0.41 0.00
ALCOA_PA_115KV_PL-6C 55860	45.52 0.27 0.00	35.06 0.16 0.00	31.45 -0.03 0.00	33.43 -0.12 0.00	35.83 0.03 0.00	37.90 0.30 0.00	33.35 0.26 0.00	32.17 0.28 0.00	37.50 0.39 0.00	42.09 0.41 0.00	46.73 0.24 0.00	49.70 0.02 0.00	53.13 -0.09 0.00	71.80 -0.46 0.00	50.47 -0.43 0.00	57.54 -0.42 0.00	54.04 -0.51 0.00	49.51 -0.46 0.00	46.31 -0.30 0.00	47.18 -0.14 0.00	46.56 0.13 0.00	42.46 0.27 0.00	33.09 0.36 0.00	25.93 0.26 0.00
ALCOA_RYNLDS___DRP 24188	45.52 0.27 0.00	35.06 0.16 0.00	31.45 -0.03 0.00	33.43 -0.12 0.00	35.83 0.03 0.00	37.90 0.30 0.00	33.35 0.26 0.00	32.17 0.28 0.00	37.50 0.39 0.00	42.09 0.41 0.00	46.73 0.24 0.00	49.70 0.02 0.00	53.13 -0.09 0.00	71.80 -0.46 0.00	50.47 -0.43 0.00	57.54 -0.42 0.00	54.04 -0.51 0.00	49.51 -0.46 0.00	46.31 -0.30 0.00	47.18 -0.14 0.00	46.56 0.13 0.00	42.46 0.27 0.00	33.09 0.36 0.00	25.93 0.26 0.00
ALCOA___DSASP 323711	45.52 0.27 0.00	35.06 0.16 0.00	31.45 -0.03 0.00	33.43 -0.12 0.00	35.83 0.03 0.00	37.89 0.30 0.00	33.35 0.26 0.00	32.18 0.28 0.00	37.50 0.39 0.00	42.09 0.41 0.00	46.73 0.24 0.00	49.70 0.02 0.00	53.13 -0.10 0.00	71.80 -0.46 0.00	50.47 -0.43 0.00	57.54 -0.42 0.00	54.04 -0.51 0.00	49.51 -0.46 0.00	46.31 -0.30 0.00	47.18 -0.14 0.00	46.56 0.13 0.00	42.46 0.27 0.00	33.09 0.36 0.00	25.93 0.26 0.00
ALLEGHENY___COGEN 23514	47.05 1.80 0.00	36.08 1.18 0.00	32.27 0.80 0.00	34.18 0.63 0.00	36.88 1.07 0.00	38.88 1.29 0.00	33.91 0.82 0.00	32.45 0.56 0.00	37.39 0.27 0.00	42.26 0.57 0.00	47.99 1.51 0.00	51.26 1.57 0.00	54.48 1.26 0.00	72.38 -0.06 -0.18	49.60 -1.31 0.00	55.63 -2.33 0.00	78.81 -2.21 -26.47	86.62 -2.06 -38.71	69.31 -1.78 -24.48	47.19 -0.13 0.00	47.05 0.63 0.00	43.08 0.89 0.00	33.94 1.21 0.00	26.68 1.00 0.00
ALTAMONT_115KV_TB 2 55880	45.81 0.56 0.00	35.54 0.64 0.00	32.21 0.73 0.00	34.45 0.89 0.00	36.56 0.76 0.00	38.24 0.65 0.00	33.77 0.68 0.00	32.55 0.66 0.00	37.78 0.67 0.00	42.36 0.68 0.00	47.20 0.72 0.00	50.39 0.71 0.00	53.96 0.74 0.00	73.54 1.29 0.00	51.77 0.87 0.00	59.26 1.30 0.00	56.04 1.48 0.00	51.60 1.38 -0.25	47.75 1.14 0.00	48.23 0.92 0.00	47.23 0.80 0.00	42.87 0.68 0.00	33.24 0.51 0.00	26.12 0.45 0.00
ALTONA_WT_PWR 323606	44.26 -0.99 0.00	34.30 -0.60 0.00	30.89 -0.59 0.00	32.93 -0.63 0.00	35.22 -0.58 0.00	37.25 -0.34 0.00	32.99 -0.10 0.00	31.85 -0.04 0.00	36.90 -0.21 0.00	41.28 -0.40 0.00	45.57 -0.91 0.00	47.85 -1.83 0.00	52.17 -1.06 0.00	71.16 -1.10 0.00	49.24 -1.67 0.00	55.93 -2.03 0.00	52.96 -1.59 0.00	48.34 -1.63 0.00	45.33 -1.28 0.00	46.07 -1.25 0.00	45.46 -0.97 0.00	41.38 -0.81 0.00	32.28 -0.45 0.00	25.60 -0.08 0.00
AMERICAN_REF_FUEL 24010	44.26 -0.99 0.00	33.75 -1.15 0.00	30.25 -1.22 0.00	32.02 -1.53 0.00	34.30 -1.50 0.00	36.10 -1.49 0.00	31.23 -1.86 0.00	29.93 -1.96 0.00	35.13 -1.98 0.00	40.30 -1.38 0.00	45.98 -0.51 0.00	48.93 -0.75 0.00	52.36 -0.86 0.00	69.53 -2.68 0.04	48.64 -2.26 0.00	54.08 -3.89 0.00	45.72 -2.91 5.93	38.83 -2.50 8.64	38.50 -2.66 5.46	44.96 -2.35 0.00	44.28 -2.16 0.00	40.58 -1.61 0.00	31.42 -1.31 0.00	24.81 -0.87 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	45.28 0.03 0.00	34.05 -0.85 0.00	31.27 -0.20 0.00	33.33 -0.23 0.00	35.50 -0.30 0.00	37.12 -0.47 0.00	32.24 -0.86 0.00	30.98 -0.92 0.00	36.37 -0.74 0.00	42.05 0.37 0.00	47.88 1.40 0.00	51.05 1.37 0.00	54.47 1.25 0.00	72.44 0.21 0.04	51.13 0.23 0.00	56.90 -1.06 0.00	48.83 -0.99 4.73	41.81 -1.27 6.89	41.12 -1.14 4.35	47.33 0.00 0.00	46.34 -0.09 0.00	41.91 -0.28 0.00	32.68 -0.05 0.00	25.74 0.06 0.00
ARTHUR KILL_GT_1 23520	48.42 3.17 0.00	37.36 2.46 0.00	33.71 2.24 0.00	35.70 2.14 0.00	37.94 2.14 0.00	39.66 2.07 0.00	35.28 2.18 0.00	34.21 2.32 0.00	39.75 2.64 0.00	42.36 2.52 1.84	49.63 2.82 -0.34	51.79 3.22 1.11	56.12 3.24 0.34	76.97 4.71 0.00	54.66 3.76 0.00	62.33 4.37 0.00	59.34 4.79 0.00	57.99 4.38 -3.64	50.52 3.91 0.00	50.57 3.25 0.00	49.43 2.99 -0.01	44.89 2.70 0.00	34.90 2.17 0.00	27.31 1.64 0.00
ARTHUR_KILL_2 23512	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.01 0.00	39.53 1.94 0.00	35.16 2.07 0.00	34.12 2.22 0.00	39.62 2.51 0.00	42.20 2.36 1.84	49.45 2.63 -0.34	51.57 3.00 1.11	55.88 3.00 0.34	76.66 4.41 0.00	54.43 3.53 0.00	62.07 4.11 0.00	59.10 4.54 0.00	57.72 4.11 -3.64	50.30 3.69 0.00	50.34 3.02 0.00	49.21 2.78 -0.01	44.72 2.53 0.00	34.78 2.04 0.00	27.22 1.54 0.00
ARTHUR_KILL_3 23513	47.69 2.44 0.00	36.85 1.95 0.00	33.27 1.80 0.00	35.28 1.73 0.00	37.46 1.65 0.00	39.17 1.58 0.00	34.84 1.75 0.00	33.85 1.96 0.00	39.48 2.36 0.00	44.60 2.68 -0.25	50.19 3.30 -0.40	53.35 3.51 -0.16	56.30 3.41 0.33	77.20 4.94 0.00	54.53 3.63 0.00	62.36 4.40 0.00	59.30 4.74 0.00	57.91 4.29 -3.64	50.24 3.62 0.00	50.24 2.92 0.00	48.91 2.48 0.00	44.35 2.16 0.00	34.48 1.75 0.00	27.12 1.44 0.00

ARTHUR_KILL_COGEN 323718	48.43 3.18 0.00	37.36 2.46 0.00	33.71 2.23 0.00	35.70 2.15 0.00	37.94 2.14 0.00	39.65 2.06 0.00	35.28 2.18 0.00	34.22 2.32 0.00	39.75 2.64 0.00	42.36 2.52 1.84	49.63 2.82 -0.34	51.76 3.20 1.11	56.11 3.23 0.34	76.96 4.70 0.00	54.65 3.75 0.00	62.33 4.37 0.00	59.34 4.78 0.00	57.96 4.35 -3.64	50.53 3.91 0.00	50.56 3.24 0.00	49.42 2.99 -0.01	44.90 2.71 0.00	34.91 2.18 0.00	27.31 1.64 0.00
ASHOKAN____ 23654	47.54 2.30 0.00	36.66 1.76 0.00	33.08 1.61 0.00	35.28 1.73 0.00	37.42 1.62 0.00	39.10 1.51 0.00	34.66 1.56 0.00	33.54 1.65 0.00	38.97 1.86 0.00	43.56 1.88 0.00	49.17 2.69 0.00	52.20 2.52 0.00	56.02 2.79 0.00	76.89 4.63 0.00	54.19 3.29 0.00	62.10 4.13 0.00	58.81 4.26 0.00	54.55 3.45 -1.12	49.34 2.73 0.00	49.41 2.09 0.00	48.30 1.87 0.00	43.85 1.66 0.00	33.98 1.25 0.00	26.71 1.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.08 2.83 0.00	37.14 2.24 0.00	33.52 2.04 0.00	35.45 1.90 0.00	37.73 1.93 0.00	39.38 1.79 0.00	35.13 2.03 0.00	34.09 2.20 0.00	39.70 2.59 0.00	46.78 2.61 -2.49	49.97 2.88 -0.60	53.59 3.52 -0.39	57.58 3.65 -0.70	78.40 5.08 -1.07	55.09 3.85 -0.33	62.58 4.62 0.00	59.46 4.91 0.00	58.14 4.52 -3.64	50.32 3.70 0.00	50.13 2.81 0.00	49.22 2.53 -0.26	44.61 2.36 -0.05	34.82 2.08 -0.01	27.47 1.60 -0.19
ASTORIA_EAST_ENERGY_CC2 323582	48.08 2.83 0.00	37.14 2.24 0.00	33.52 2.04 0.00	35.45 1.90 0.00	37.73 1.93 0.00	39.38 1.79 0.00	35.13 2.03 0.00	34.09 2.20 0.00	39.70 2.59 0.00	46.78 2.61 -2.49	49.97 2.88 -0.60	53.59 3.52 -0.39	57.58 3.65 -0.70	78.40 5.08 -1.07	55.09 3.85 -0.33	62.58 4.62 0.00	59.46 4.91 0.00	58.14 4.52 -3.64	50.32 3.70 0.00	50.13 2.81 0.00	49.22 2.53 -0.26	44.61 2.36 -0.05	34.82 2.08 -0.01	27.46 1.60 -0.19
ASTORIA_GT2_1 24094	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT2_2 24095	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT2_3 24096	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT2_4 24097	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT3_1 24098	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT3_2 24099	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT3_3 24100	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT3_4 24101	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT4_1 24102	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT4_2 24103	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT4_3 24104	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19

ASTORIA_GT4_4 24105	48.10 2.85 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.92 0.00	37.74 1.93 0.00	39.41 1.82 0.00	35.14 2.05 0.00	34.11 2.22 0.00	39.72 2.60 0.00	46.77 2.61 -2.49	49.98 2.89 -0.60	53.62 3.56 -0.39	57.62 3.69 -0.70	78.45 5.12 -1.07	55.12 3.88 -0.33	62.61 4.64 0.00	59.49 4.94 0.00	58.16 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	49.25 2.56 -0.26	44.63 2.38 -0.05	34.83 2.09 -0.01	27.48 1.61 -0.19
ASTORIA_GT_1 23523	48.22 2.97 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.54 1.99 0.00	37.81 2.01 0.00	39.49 1.89 0.00	35.21 2.12 0.00	34.19 2.30 0.00	39.81 2.70 0.00	46.88 2.72 -2.49	50.11 3.03 -0.60	53.77 3.71 -0.39	57.78 3.85 -0.70	78.68 5.35 -1.07	55.28 4.04 -0.33	62.78 4.82 0.00	59.67 5.11 0.00	58.31 4.70 -3.64	50.47 3.86 0.00	50.29 2.97 0.00	49.37 2.69 -0.26	44.73 2.48 -0.05	34.90 2.16 -0.01	27.54 1.67 -0.19
ASTORIA_GT_10 24110	48.01 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.91 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.35 2.77 -4.90	50.43 3.22 -0.73	53.90 3.69 -0.54	56.99 3.68 -0.08	77.37 5.11 0.00	54.79 3.89 0.00	62.61 4.64 0.00	59.49 4.94 0.00	58.12 4.50 -3.64	50.35 3.74 0.00	50.15 2.83 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
ASTORIA_GT_11 24225	48.01 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.91 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.35 2.77 -4.90	50.43 3.22 -0.73	53.90 3.69 -0.54	56.99 3.68 -0.08	77.37 5.11 0.00	54.79 3.89 0.00	62.61 4.64 0.00	59.49 4.94 0.00	58.12 4.50 -3.64	50.35 3.74 0.00	50.15 2.83 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
ASTORIA_GT_12 24226	48.01 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.91 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.35 2.77 -4.90	50.43 3.22 -0.73	53.90 3.69 -0.54	56.99 3.68 -0.08	77.37 5.11 0.00	54.79 3.89 0.00	62.61 4.64 0.00	59.49 4.94 0.00	58.12 4.50 -3.64	50.35 3.74 0.00	50.15 2.83 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
ASTORIA_GT_13 24227	48.01 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.91 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.35 2.77 -4.90	50.43 3.22 -0.73	53.90 3.69 -0.54	56.99 3.68 -0.08	77.37 5.11 0.00	54.79 3.89 0.00	62.61 4.64 0.00	59.49 4.94 0.00	58.12 4.50 -3.64	50.35 3.74 0.00	50.15 2.83 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
ASTORIA_GT_5 24106	48.22 2.97 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.54 1.99 0.00	37.81 2.01 0.00	39.49 1.89 0.00	35.21 2.12 0.00	34.19 2.30 0.00	39.81 2.70 0.00	46.88 2.72 -2.49	50.11 3.03 -0.60	53.77 3.71 -0.39	57.78 3.85 -0.70	78.68 5.35 -1.07	55.28 4.04 -0.33	62.78 4.82 0.00	59.67 5.11 0.00	58.31 4.70 -3.64	50.47 3.86 0.00	50.29 2.97 0.00	49.37 2.69 -0.26	44.73 2.48 -0.05	34.90 2.16 -0.01	27.54 1.67 -0.19
ASTORIA_GT_7 24107	48.22 2.97 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.54 1.99 0.00	37.81 2.01 0.00	39.49 1.89 0.00	35.21 2.12 0.00	34.19 2.30 0.00	39.81 2.70 0.00	46.88 2.72 -2.49	50.11 3.03 -0.60	53.77 3.71 -0.39	57.78 3.85 -0.70	78.68 5.35 -1.07	55.28 4.04 -0.33	62.78 4.82 0.00	59.67 5.11 0.00	58.31 4.70 -3.64	50.47 3.86 0.00	50.29 2.97 0.00	49.37 2.69 -0.26	44.73 2.48 -0.05	34.90 2.16 -0.01	27.54 1.67 -0.19
ASTORIA_GT_8 24108	48.22 2.97 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.54 1.99 0.00	37.81 2.01 0.00	39.49 1.89 0.00	35.21 2.12 0.00	34.19 2.30 0.00	39.81 2.70 0.00	46.88 2.72 -2.49	50.11 3.03 -0.60	53.77 3.71 -0.39	57.78 3.85 -0.70	78.68 5.35 -1.07	55.28 4.04 -0.33	62.78 4.82 0.00	59.67 5.11 0.00	58.31 4.70 -3.64	50.47 3.86 0.00	50.29 2.97 0.00	49.37 2.69 -0.26	44.73 2.48 -0.05	34.90 2.16 -0.01	27.54 1.67 -0.19
ASTORIA___2 24149	48.11 2.86 0.00	37.16 2.26 0.00	33.53 2.05 0.00	35.48 1.93 0.00	37.74 1.93 0.00	39.40 1.81 0.00	35.15 2.05 0.00	34.11 2.22 0.00	39.72 2.61 0.00	46.80 2.63 -2.49	49.99 2.91 -0.60	53.61 3.54 -0.39	57.60 3.68 -0.70	78.44 5.12 -1.07	55.12 3.88 -0.33	62.60 4.64 0.00	59.49 4.93 0.00	58.16 4.54 -3.64	50.34 3.73 0.00	50.16 2.85 0.00	49.25 2.57 -0.26	44.63 2.38 -0.05	34.82 2.08 -0.01	27.48 1.61 -0.19
ASTORIA___3 23516	48.00 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.92 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.36 2.78 -4.90	50.43 3.22 -0.73	53.89 3.68 -0.54	56.98 3.67 -0.08	77.34 5.08 0.00	54.78 3.87 0.00	62.60 4.64 0.00	59.49 4.93 0.00	58.11 4.49 -3.64	50.35 3.74 0.00	50.14 2.82 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
ASTORIA___4 23517	48.01 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.91 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.35 2.77 -4.90	50.43 3.22 -0.73	53.90 3.69 -0.54	56.99 3.68 -0.08	77.37 5.11 0.00	54.79 3.89 0.00	62.61 4.64 0.00	59.49 4.94 0.00	58.12 4.50 -3.64	50.35 3.74 0.00	50.15 2.83 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
ASTORIA___5 23518	48.00 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.92 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.36 2.78 -4.90	50.43 3.22 -0.73	53.89 3.68 -0.54	56.98 3.67 -0.08	77.34 5.08 0.00	54.78 3.87 0.00	62.60 4.64 0.00	59.48 4.93 0.00	58.11 4.49 -3.64	50.35 3.74 0.00	50.14 2.82 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
AST_ENERGY_2_CC3 323677	47.80 2.56 0.00	36.96 2.06 0.00	33.40 1.93 0.00	35.41 1.86 0.00	37.57 1.76 0.00	39.28 1.69 0.00	34.97 1.87 0.00	33.98 2.09 0.00	39.59 2.48 0.00	46.35 2.79 -1.89	50.39 3.42 -0.48	53.61 3.66 -0.28	56.89 3.67 0.00	77.55 5.29 0.00	54.76 3.85 0.00	62.64 4.68 0.00	59.54 4.98 0.00	58.12 4.50 -3.64	50.36 3.74 0.00	50.38 3.06 0.00	49.03 2.60 0.00	44.46 2.27 0.00	34.59 1.86 0.00	27.21 1.53 0.00
AST_ENERGY_2_CC4 323678	47.80 2.56 0.00	36.96 2.06 0.00	33.40 1.93 0.00	35.41 1.86 0.00	37.57 1.76 0.00	39.28 1.69 0.00	34.97 1.87 0.00	33.98 2.09 0.00	39.59 2.48 0.00	46.35 2.79 -1.89	50.39 3.42 -0.48	53.61 3.66 -0.28	56.89 3.67 0.00	77.55 5.29 0.00	54.76 3.85 0.00	62.64 4.68 0.00	59.54 4.98 0.00	58.12 4.50 -3.64	50.36 3.74 0.00	50.38 3.06 0.00	49.03 2.60 0.00	44.46 2.27 0.00	34.59 1.86 0.00	27.21 1.53 0.00

ATHENS_STG_1 23668	46.20 0.95 0.00	35.78 0.88 0.00	32.40 0.93 0.00	34.63 1.08 0.00	36.77 0.97 0.00	38.43 0.84 0.00	33.97 0.87 0.00	32.76 0.86 0.00	38.07 0.96 0.00	42.68 1.00 0.00	47.71 1.22 0.00	51.02 1.34 0.00	54.60 1.38 0.00	74.42 2.16 0.00	52.44 1.53 0.00	59.97 2.00 0.00	56.66 2.10 0.00	51.19 1.90 0.69	48.19 1.58 0.00	48.56 1.24 0.00	47.49 1.06 0.00	43.10 0.91 0.00	33.44 0.71 0.00	26.28 0.61 0.00
ATHENS_STG_2 23670	46.20 0.95 0.00	35.78 0.88 0.00	32.40 0.93 0.00	34.63 1.08 0.00	36.77 0.97 0.00	38.43 0.84 0.00	33.97 0.87 0.00	32.76 0.86 0.00	38.07 0.96 0.00	42.68 1.00 0.00	47.71 1.22 0.00	51.02 1.34 0.00	54.60 1.38 0.00	74.42 2.16 0.00	52.44 1.53 0.00	59.97 2.00 0.00	56.66 2.10 0.00	51.19 1.90 0.69	48.19 1.58 0.00	48.56 1.24 0.00	47.49 1.06 0.00	43.10 0.91 0.00	33.44 0.71 0.00	26.28 0.61 0.00
ATHENS_STG_3 23677	46.20 0.95 0.00	35.78 0.88 0.00	32.40 0.93 0.00	34.63 1.08 0.00	36.77 0.97 0.00	38.43 0.84 0.00	33.97 0.87 0.00	32.76 0.86 0.00	38.07 0.96 0.00	42.68 1.00 0.00	47.71 1.22 0.00	51.02 1.34 0.00	54.60 1.38 0.00	74.42 2.16 0.00	52.44 1.53 0.00	59.97 2.00 0.00	56.66 2.10 0.00	51.19 1.90 0.69	48.19 1.58 0.00	48.56 1.24 0.00	47.49 1.06 0.00	43.10 0.91 0.00	33.44 0.71 0.00	26.28 0.61 0.00
AUBURN___LFGE 323710	45.57 0.32 0.00	35.06 0.16 0.00	31.60 0.12 0.00	33.68 0.13 0.00	35.90 0.10 0.00	37.58 -0.01 0.00	33.19 0.10 0.00	31.82 -0.07 0.00	36.89 -0.22 0.00	41.52 -0.16 0.00	46.58 0.09 0.00	49.95 0.23 -0.04	53.45 0.22 0.00	74.15 0.53 -1.36	51.60 0.69 0.00	57.89 -0.08 0.00	54.74 0.19 0.00	49.80 -0.18 0.00	46.54 -0.07 0.00	47.84 0.52 0.00	46.96 0.53 0.00	42.59 0.40 0.00	32.96 0.23 0.00	25.78 0.11 0.00
BABYLON_RES_REC 323704	31.04 2.01 16.21	36.80 1.90 0.00	33.29 1.82 0.00	35.16 1.61 0.00	37.29 1.49 0.00	38.96 1.36 0.00	34.80 1.71 0.00	33.72 1.83 0.00	39.31 2.20 0.00	43.42 1.88 0.14	48.87 2.44 0.05	50.42 2.34 1.60	39.41 2.44 16.25	53.03 3.67 22.90	51.77 2.81 1.95	61.64 3.67 0.00	58.84 4.29 0.00	57.71 4.10 -3.64	49.79 3.18 0.00	49.09 2.11 0.33	35.46 1.62 12.59	18.11 1.31 25.39	15.05 1.03 18.71	17.06 0.86 9.48
BALL_HILL_WT_PWR 323825	45.19 -0.06 0.00	34.20 -0.70 0.00	30.90 -0.57 0.00	32.87 -0.68 0.00	35.20 -0.60 0.00	36.92 -0.67 0.00	32.07 -1.02 0.00	30.79 -1.10 0.00	36.11 -1.01 0.00	41.52 -0.16 0.00	47.25 0.77 0.00	50.35 0.67 0.00	53.85 0.63 0.00	71.70 -0.52 0.04	50.38 -0.52 0.00	56.15 -1.81 0.00	47.04 -1.44 6.08	39.56 -1.55 8.87	39.50 -1.52 5.60	46.66 -0.66 0.00	45.76 -0.67 0.00	41.62 -0.57 0.00	32.33 -0.40 0.00	25.40 -0.28 0.00
BARON_WINDS___WT_PWR 323822	44.57 -0.68 0.00	34.10 -0.80 0.00	30.51 -0.97 0.00	32.35 -1.21 0.00	35.13 -0.68 0.00	36.94 -0.65 0.00	32.09 -1.00 0.00	30.85 -1.05 0.00	36.03 -1.08 0.00	40.97 -0.71 0.00	46.44 -0.04 0.00	49.68 0.00 0.00	53.10 -0.12 0.00	70.46 -1.46 0.33	49.21 -1.70 0.00	55.04 -2.93 0.00	4.34 -2.64 47.58	-22.14 -2.68 69.43	0.46 -2.30 43.85	46.23 -1.10 0.00	45.67 -0.76 0.00	41.57 -0.62 0.00	32.23 -0.50 0.00	25.28 -0.40 0.00
BARRETT_IC_1 23704	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99
BARRETT_IC_10 23701	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	50.04 2.77 2.41	12.33 2.70 43.60	10.01 3.79 66.04	32.53 2.89 21.27	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	32.82 1.72 15.32	42.85 1.47 0.80	35.15 1.18 -1.23	15.54 0.93 11.07
BARRETT_IC_11 23702	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	50.04 2.77 2.41	12.33 2.70 43.60	10.01 3.79 66.04	32.53 2.89 21.27	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	32.82 1.72 15.32	42.85 1.47 0.80	35.15 1.18 -1.23	15.54 0.93 11.07
BARRETT_IC_12 23703	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	50.04 2.77 2.41	12.33 2.70 43.60	10.01 3.79 66.04	32.53 2.89 21.27	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	32.82 1.72 15.32	42.85 1.47 0.80	35.15 1.18 -1.23	15.54 0.93 11.07
BARRETT_IC_2 23705	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99
BARRETT_IC_3 23706	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99
BARRETT_IC_4 23707	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99
BARRETT_IC_5 23708	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99

BARRETT_IC_6 23709	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99
BARRETT_IC_7 23710	48.89 1.92 -1.72	36.65 1.75 0.00	33.13 1.66 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.46 1.92 0.14	49.18 2.73 0.04	52.61 2.79 -0.15	61.31 2.81 -5.27	84.11 3.86 -8.00	55.76 2.92 -1.93	61.74 3.78 0.00	58.81 4.25 0.00	57.61 4.00 -3.64	49.64 3.03 0.00	49.45 2.13 0.00	50.88 1.76 -2.69	46.67 1.50 -2.98	35.98 1.20 -2.05	28.62 0.95 -1.99
BARRETT_IC_8 23711	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99
BARRETT_IC_9 23700	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	50.04 2.77 2.41	12.33 2.70 43.60	10.01 3.79 66.04	32.53 2.89 21.27	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	32.82 1.72 15.32	42.85 1.47 0.80	35.15 1.18 -1.23	15.54 0.93 11.07
BARRETT___1 23545	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	52.60 2.77 -0.15	61.20 2.70 -5.27	84.05 3.79 -8.00	55.73 2.89 -1.93	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	50.84 1.72 -2.69	46.64 1.47 -2.98	35.96 1.18 -2.05	28.60 0.93 -1.99
BARRETT___2 23546	48.88 1.91 -1.72	36.65 1.75 0.00	33.13 1.65 0.00	35.06 1.51 0.00	37.21 1.41 0.00	38.90 1.31 0.00	34.69 1.59 0.00	33.60 1.71 0.00	39.06 1.95 0.00	43.45 1.91 0.14	49.20 2.75 0.04	50.04 2.77 2.41	12.33 2.70 43.60	10.01 3.79 66.04	32.53 2.89 21.27	61.74 3.78 0.00	58.80 4.25 0.00	57.61 4.00 -3.64	49.64 3.02 0.00	49.45 2.13 0.00	32.82 1.72 15.32	42.85 1.47 0.80	35.15 1.18 -1.23	15.54 0.93 11.07
BATAVIA___115KV_TB1 55881	46.43 1.18 0.00	35.37 0.47 0.00	31.69 0.21 0.00	33.57 0.01 0.00	35.94 0.13 0.00	37.80 0.21 0.00	32.88 -0.22 0.00	31.54 -0.35 0.00	37.01 -0.10 0.00	42.27 0.59 0.00	47.90 1.42 0.00	51.09 1.41 0.00	54.81 1.59 0.00	73.55 1.32 0.02	51.37 0.46 0.00	57.38 -0.59 0.00	51.54 -0.01 3.01	45.64 0.05 4.38	43.84 -0.01 2.77	48.06 0.74 0.00	47.37 0.94 0.00	43.22 1.03 0.00	33.35 0.62 0.00	26.16 0.48 0.00
BAYONEEC___CTG1 323682	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG10 323750	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG2 323683	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG3 323684	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG4 323685	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG5 323686	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG6 323687	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG7 323688	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00

BAYONEEC___CTG8 323689	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BAYONEEC___CTG9 323749	47.87 2.63 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	34.01 2.11 0.00	39.64 2.53 0.00	44.92 2.85 -0.40	50.36 3.47 -0.41	53.56 3.71 -0.17	56.87 3.70 0.05	77.60 5.34 0.00	54.78 3.87 0.00	62.67 4.70 0.00	59.57 5.01 0.00	58.14 4.53 -3.64	50.40 3.79 0.00	50.44 3.12 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.54 0.00
BEACON___LESR 323632	45.78 0.53 0.00	35.52 0.62 0.00	32.29 0.81 0.00	34.53 0.97 0.00	36.55 0.75 0.00	38.24 0.66 0.00	33.85 0.76 0.00	32.68 0.79 0.00	37.89 0.78 0.00	42.49 0.81 0.00	47.40 0.91 0.00	50.56 0.88 0.00	54.12 0.90 0.00	74.05 1.80 0.00	52.01 1.11 0.00	59.86 1.89 0.00	56.48 1.93 0.00	52.21 1.87 -0.36	48.11 1.49 0.00	48.57 1.25 0.00	47.41 0.98 0.00	42.94 0.75 0.00	33.33 0.60 0.00	26.21 0.53 0.00
BEAVER RIVER___HYD 24048	44.80 -0.45 0.00	34.45 -0.45 0.00	31.14 -0.34 0.00	33.45 -0.10 0.00	36.09 0.29 0.00	38.19 0.60 0.00	32.90 -0.20 0.00	31.79 -0.10 0.00	37.69 0.57 0.00	41.42 -0.26 0.00	46.09 -0.39 0.00	50.41 0.70 -0.03	53.87 0.65 0.00	73.72 0.49 -0.98	50.96 0.06 0.00	56.81 -1.15 0.00	52.81 -1.74 0.00	49.03 -0.94 0.00	46.10 -0.51 0.00	48.34 1.02 0.00	48.20 1.77 0.00	43.94 1.75 0.00	33.83 1.10 0.00	26.03 0.35 0.00
BEEBEE_GT_13 23619	45.73 0.49 0.00	34.97 0.07 0.00	31.40 -0.08 0.00	33.34 -0.22 0.00	35.64 -0.16 0.00	37.43 -0.16 0.00	32.69 -0.40 0.00	31.47 -0.42 0.00	36.84 -0.27 0.00	41.93 0.25 0.00	47.45 0.96 0.00	50.71 1.03 0.00	54.28 1.05 0.00	72.89 0.63 0.00	51.14 0.23 0.00	57.46 -0.50 0.00	54.35 -0.20 0.00	49.75 -0.22 0.00	46.30 -0.31 0.00	47.45 0.13 0.00	46.56 0.13 0.00	42.34 0.15 0.00	32.76 0.03 0.00	25.66 -0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.59 3.35 0.00	37.49 2.59 0.00	33.82 2.35 0.00	35.80 2.25 0.00	38.03 2.23 0.00	39.76 2.17 0.00	35.40 2.30 0.00	34.38 2.49 0.00	40.06 2.94 0.00	52.04 3.06 -7.30	50.84 3.51 -0.85	54.43 4.03 -0.72	57.53 4.10 -0.20	78.09 5.83 0.00	55.35 4.45 0.00	63.18 5.22 0.00	60.11 5.55 0.00	58.64 5.02 -3.64	50.90 4.29 0.00	50.83 3.51 0.00	49.62 3.18 -0.01	45.10 2.91 0.00	35.08 2.35 0.00	27.48 1.81 0.00
BETHLEHEM___GRP 23843	45.07 -0.17 0.00	35.04 0.14 0.00	31.88 0.40 0.00	34.09 0.54 0.00	36.11 0.30 0.00	37.70 0.11 0.00	33.41 0.32 0.00	32.22 0.33 0.00	37.29 0.18 0.00	41.76 0.08 0.00	46.55 0.07 0.00	49.70 0.02 0.00	53.24 0.02 0.00	72.68 0.42 0.00	51.12 0.21 0.00	58.61 0.65 0.00	55.37 0.82 0.00	51.14 0.81 -0.36	47.20 0.58 0.00	47.57 0.25 0.00	46.57 0.14 0.00	42.24 0.05 0.00	32.76 0.03 0.00	25.80 0.13 0.00
BETHLEHEM___GS1 323560	45.08 -0.17 0.00	35.04 0.14 0.00	31.88 0.40 0.00	34.09 0.54 0.00	36.11 0.30 0.00	37.71 0.11 0.00	33.41 0.32 0.00	32.22 0.33 0.00	37.29 0.18 0.00	41.76 0.08 0.00	46.55 0.07 0.00	49.70 0.02 0.00	53.24 0.02 0.00	72.67 0.41 0.00	51.12 0.21 0.00	58.61 0.65 0.00	55.37 0.82 0.00	51.14 0.81 -0.36	47.20 0.58 0.00	47.57 0.25 0.00	46.57 0.14 0.00	42.25 0.06 0.00	32.76 0.03 0.00	25.80 0.13 0.00
BETHLEHEM___GS2 323561	45.08 -0.17 0.00	35.04 0.14 0.00	31.88 0.40 0.00	34.09 0.54 0.00	36.11 0.30 0.00	37.71 0.11 0.00	33.41 0.32 0.00	32.22 0.33 0.00	37.29 0.18 0.00	41.76 0.08 0.00	46.55 0.07 0.00	49.70 0.02 0.00	53.24 0.02 0.00	72.67 0.41 0.00	51.12 0.21 0.00	58.61 0.65 0.00	55.37 0.82 0.00	51.14 0.81 -0.36	47.20 0.58 0.00	47.57 0.25 0.00	46.57 0.14 0.00	42.25 0.06 0.00	32.76 0.03 0.00	25.80 0.13 0.00
BETHLEHEM___GS3 323562	45.08 -0.17 0.00	35.04 0.14 0.00	31.88 0.40 0.00	34.09 0.54 0.00	36.11 0.30 0.00	37.71 0.11 0.00	33.41 0.32 0.00	32.22 0.33 0.00	37.29 0.18 0.00	41.76 0.08 0.00	46.55 0.07 0.00	49.70 0.02 0.00	53.24 0.02 0.00	72.67 0.41 0.00	51.12 0.21 0.00	58.61 0.65 0.00	55.37 0.82 0.00	51.14 0.81 -0.36	47.20 0.58 0.00	47.57 0.25 0.00	46.57 0.14 0.00	42.25 0.06 0.00	32.76 0.03 0.00	25.80 0.13 0.00
BETHLEHEM___STEEL 23779	45.19 -0.06 0.00	34.35 -0.55 0.00	30.80 -0.68 0.00	32.71 -0.84 0.00	35.09 -0.72 0.00	36.85 -0.74 0.00	31.98 -1.11 0.00	30.72 -1.17 0.00	36.06 -1.05 0.00	41.37 -0.31 0.00	47.18 0.70 0.00	50.24 0.56 0.00	53.77 0.55 0.00	71.45 -0.75 0.05	50.06 -0.85 0.00	55.80 -2.16 0.00	45.65 -1.66 7.25	37.76 -1.64 10.57	38.29 -1.65 6.68	46.39 -0.93 0.00	45.59 -0.83 0.00	41.59 -0.60 0.00	32.23 -0.50 0.00	25.30 -0.37 0.00
BETHLHEM_115KV_TB1 79974	45.22 -0.02 0.00	35.14 0.24 0.00	31.95 0.47 0.00	34.16 0.61 0.00	36.20 0.40 0.00	37.82 0.23 0.00	33.49 0.39 0.00	32.30 0.41 0.00	37.39 0.28 0.00	41.88 0.20 0.00	46.70 0.22 0.00	49.86 0.18 0.00	53.42 0.20 0.00	72.91 0.65 0.00	51.27 0.37 0.00	58.78 0.82 0.00	55.53 0.97 0.00	51.27 0.94 -0.36	47.31 0.70 0.00	47.70 0.38 0.00	46.71 0.28 0.00	42.37 0.18 0.00	32.86 0.13 0.00	25.87 0.20 0.00
BETHPAGE_CC_5 323564	32.47 2.01 14.78	36.79 1.89 0.00	33.26 1.79 0.00	35.16 1.61 0.00	37.29 1.49 0.00	38.97 1.38 0.00	34.79 1.70 0.00	33.71 1.82 0.00	39.30 2.19 0.00	43.72 2.19 0.14	49.28 2.84 0.05	51.08 2.82 1.42	41.35 2.87 14.74	55.66 4.14 20.75	52.39 3.18 1.69	62.01 4.04 0.00	59.12 4.56 0.00	57.94 4.33 -3.64	49.93 3.32 0.00	49.40 2.31 0.23	36.82 1.84 11.45	20.58 1.52 23.14	16.91 1.24 17.05	18.07 1.01 8.62
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.25 0.00 0.00	34.39 -0.52 0.00	30.81 -0.67 0.00	32.73 -0.82 0.00	35.12 -0.68 0.00	36.88 -0.71 0.00	32.02 -1.07 0.00	30.77 -1.12 0.00	36.12 -0.99 0.00	41.46 -0.22 0.00	47.27 0.79 0.00	50.35 0.67 0.00	53.88 0.66 0.00	71.60 -0.61 0.05	50.16 -0.75 0.00	55.94 -2.02 0.00	46.24 -1.52 6.80	38.54 -1.51 9.92	38.81 -1.54 6.26	46.50 -0.82 0.00	45.71 -0.72 0.00	41.68 -0.51 0.00	32.29 -0.44 0.00	25.33 -0.35 0.00
BINGHAMTON___COGEN 23790	45.53 0.28 0.00	34.92 0.02 0.00	31.52 0.04 0.00	33.61 0.05 0.00	35.91 0.11 0.00	37.60 0.01 0.00	33.09 0.00 0.00	31.82 -0.07 0.00	37.02 -0.10 0.00	41.81 0.13 0.00	46.88 0.40 0.00	50.20 0.52 0.00	53.81 0.58 0.00	72.92 0.67 0.00	51.55 0.65 0.00	58.26 0.29 0.00	54.88 0.33 0.00	50.07 0.02 -0.08	46.64 0.03 0.00	47.71 0.39 0.00	46.64 0.21 0.00	42.29 0.10 0.00	32.74 0.01 0.00	25.68 0.00 0.00

BIXINCNT_115KV_LOAD 355685	45.24 -0.01 0.00	34.25 -0.65 0.00	30.30 -1.17 0.00	32.38 -1.17 0.00	35.25 -0.55 0.00	36.68 -0.91 0.00	32.01 -1.09 0.00	30.86 -1.04 0.00	36.31 -0.80 0.00	41.71 0.03 0.00	47.59 1.11 0.00	50.58 0.90 0.00	53.83 0.61 0.00	70.41 -1.81 0.03	49.20 -1.70 0.00	55.15 -2.81 0.00	48.11 -2.10 4.34	41.47 -2.18 6.33	40.79 -1.83 4.00	46.52 -0.80 0.00	45.91 -0.52 0.00	41.81 -0.38 0.00	32.42 -0.31 0.00	25.48 -0.20 0.00
BLACK RIVER___HYD 24047	44.97 -0.28 0.00	34.52 -0.38 0.00	31.21 -0.26 0.00	33.55 0.00 0.00	36.27 0.47 0.00	38.41 0.82 0.00	32.96 -0.13 0.00	31.81 -0.08 0.00	37.67 0.56 0.00	41.59 -0.09 0.00	46.47 -0.01 0.00	50.75 1.01 -0.06	54.11 0.89 0.00	74.62 0.61 -1.76	50.76 -0.15 0.00	56.28 -1.69 0.00	52.36 -2.20 0.00	49.01 -0.96 0.00	46.11 -0.50 0.00	48.72 1.40 0.00	48.77 2.34 0.00	44.40 2.21 0.00	34.01 1.28 0.00	26.12 0.44 0.00
BLACKRVR_115KV_TB2 79977	44.97 -0.28 0.00	34.52 -0.38 0.00	31.21 -0.26 0.00	33.55 0.00 0.00	36.28 0.47 0.00	38.41 0.82 0.00	32.96 -0.13 0.00	31.81 -0.08 0.00	37.67 0.56 0.00	41.59 -0.10 0.00	46.48 -0.01 0.00	50.75 1.01 -0.06	54.11 0.88 0.00	74.63 0.61 -1.76	50.76 -0.15 0.00	56.28 -1.69 0.00	52.35 -2.20 0.00	49.02 -0.96 0.00	46.11 -0.50 0.00	48.72 1.40 0.00	48.77 2.34 0.00	44.40 2.21 0.00	34.01 1.28 0.00	26.12 0.44 0.00
BLDWN_LI_69_KV_BK4 356085	39.35 2.36 8.25	36.97 2.07 0.00	33.40 1.93 0.00	35.33 1.77 0.00	37.49 1.69 0.00	39.19 1.60 0.00	34.96 1.86 0.00	33.88 1.99 0.00	39.47 2.35 0.00	43.97 2.44 0.14	49.68 3.24 0.04	52.31 3.38 0.75	49.23 3.54 7.54	66.58 4.78 10.46	54.02 3.63 0.51	62.51 4.55 0.00	59.59 5.04 0.00	58.37 4.76 -3.64	50.34 3.73 0.00	50.13 2.82 0.00	42.69 2.38 6.12	31.41 2.09 12.86	24.85 1.62 9.51	22.33 1.27 4.62
BLISS_WT_PWR 323608	45.15 -0.10 0.00	34.14 -0.76 0.00	30.09 -1.39 0.00	32.21 -1.34 0.00	35.20 -0.60 0.00	36.55 -1.04 0.00	31.91 -1.19 0.00	30.77 -1.12 0.00	36.24 -0.87 0.00	41.69 0.00 0.00	47.58 1.10 0.00	50.56 0.88 0.00	53.74 0.51 0.00	69.96 -2.26 0.03	48.85 -2.06 0.00	54.80 -3.17 0.00	47.81 -2.40 4.34	41.21 -2.44 6.33	40.62 -2.00 4.00	46.40 -0.92 0.00	45.86 -0.57 0.00	41.75 -0.44 0.00	32.38 -0.35 0.00	25.46 -0.22 0.00
BLUESTONE___WT_PWR 323821	47.51 2.26 0.00	36.37 1.47 0.00	32.75 1.28 0.00	34.83 1.28 0.00	37.17 1.37 0.00	39.22 1.63 0.00	34.34 1.24 0.00	33.25 1.36 0.00	38.84 1.73 0.00	43.72 2.04 0.00	48.72 2.24 0.00	51.96 2.28 0.00	55.83 2.60 0.00	75.92 3.66 0.00	53.93 3.03 0.00	60.06 2.09 0.00	57.52 2.96 0.00	52.46 2.40 -0.09	48.67 2.05 0.00	49.19 1.87 0.00	47.71 1.28 0.00	42.61 0.42 0.00	32.65 -0.08 0.00	25.97 0.29 0.00
BLUE_CIRC_CHEM_DRP 24182	45.15 -0.10 0.00	35.53 0.63 0.00	32.25 0.78 0.00	34.51 0.96 0.00	36.63 0.83 0.00	38.29 0.70 0.00	33.81 0.72 0.00	32.55 0.66 0.00	37.75 0.64 0.00	42.28 0.60 0.00	47.11 0.62 0.00	50.23 0.55 0.00	53.79 0.57 0.00	73.35 1.10 0.00	51.61 0.71 0.00	59.16 1.20 0.00	55.95 1.39 0.00	51.64 1.33 -0.34	47.72 1.10 0.00	48.18 0.86 0.00	47.22 0.79 0.00	42.87 0.68 0.00	33.24 0.50 0.00	26.16 0.48 0.00
BOC_GAS_DRP 24189	45.58 0.33 0.00	35.39 0.49 0.00	32.10 0.62 0.00	34.33 0.78 0.00	36.44 0.64 0.00	38.10 0.50 0.00	33.66 0.56 0.00	32.44 0.55 0.00	37.64 0.53 0.00	42.19 0.51 0.00	47.09 0.61 0.00	50.32 0.65 0.00	53.89 0.67 0.00	73.47 1.21 0.00	51.70 0.79 0.00	59.14 1.17 0.00	55.82 1.27 0.00	51.41 1.19 -0.24	47.57 0.96 0.00	48.01 0.68 0.00	47.00 0.57 0.00	42.66 0.47 0.00	33.09 0.36 0.00	26.02 0.34 0.00
BOONVILLE_115KV_TB1 79983	45.68 0.44 0.00	35.17 0.27 0.00	31.80 0.32 0.00	34.04 0.48 0.00	36.46 0.65 0.00	38.39 0.80 0.00	33.47 0.37 0.00	32.33 0.44 0.00	37.99 0.87 0.00	42.06 0.38 0.00	46.83 0.35 0.00	50.79 1.11 0.00	54.34 1.11 0.00	73.66 1.40 0.00	52.03 1.12 0.00	58.66 0.69 0.00	54.70 0.14 0.00	50.45 0.48 0.00	47.21 0.59 0.00	48.76 1.44 0.00	48.14 1.71 0.00	43.76 1.57 0.00	33.79 1.06 0.00	26.20 0.53 0.00
BORALEX_4TH_BRANCH 23824	46.76 1.51 0.00	36.55 1.64 0.00	33.15 1.67 0.00	35.40 1.85 0.00	37.44 1.64 0.00	39.22 1.63 0.00	34.67 1.58 0.00	33.48 1.59 0.00	38.60 1.49 0.00	43.00 1.32 0.00	47.82 1.34 0.00	51.12 1.44 0.00	54.77 1.54 0.00	74.87 2.61 0.00	52.39 1.49 0.00	60.22 2.26 0.00	56.91 2.36 0.00	53.14 2.44 -0.73	48.87 2.26 0.00	49.16 1.84 0.00	48.26 1.84 0.00	43.71 1.52 0.00	33.89 1.15 0.00	26.60 0.92 0.00
BOWLINE___1 23526	47.26 2.01 0.00	36.50 1.60 0.00	32.98 1.50 0.00	35.05 1.49 0.00	37.23 1.43 0.00	38.90 1.31 0.00	34.51 1.42 0.00	33.45 1.56 0.00	38.96 1.84 0.00	43.72 2.04 0.00	49.06 2.57 0.00	52.52 2.84 0.00	56.10 2.87 0.00	76.54 4.28 0.00	54.01 3.10 0.00	61.76 3.80 0.00	58.66 4.10 0.00	57.77 3.75 -4.05	49.68 3.07 0.00	49.83 2.51 0.00	48.59 2.16 0.00	44.01 1.82 0.00	34.16 1.43 0.00	26.80 1.13 0.00
BOWLINE___2 23595	47.18 1.93 0.00	36.46 1.56 0.00	32.96 1.48 0.00	35.04 1.49 0.00	37.21 1.41 0.00	38.88 1.29 0.00	34.48 1.38 0.00	33.42 1.53 0.00	38.92 1.81 0.00	43.66 1.98 0.00	48.98 2.49 0.00	52.43 2.75 0.00	56.02 2.80 0.00	76.41 4.15 0.00	53.91 3.01 0.00	61.67 3.71 0.00	58.54 3.99 0.00	57.66 3.65 -4.04	49.60 2.98 0.00	49.75 2.43 0.00	48.51 2.08 0.00	43.93 1.74 0.00	34.10 1.38 0.00	26.76 1.08 0.00
BRADY___115KV_TB2 356060	46.12 0.87 0.00	35.50 0.60 0.00	31.81 0.34 0.00	33.82 0.27 0.00	36.27 0.46 0.00	38.40 0.81 0.00	33.80 0.71 0.00	32.57 0.68 0.00	37.97 0.86 0.00	42.48 0.80 0.00	47.36 0.88 0.00	50.25 0.57 0.00	53.21 -0.02 0.00	71.80 -0.45 0.00	50.47 -0.43 0.00	57.68 -0.28 0.00	54.36 -0.20 0.00	49.72 -0.26 0.00	46.52 -0.10 0.00	47.64 0.32 0.00	47.17 0.74 0.00	43.09 0.90 0.00	33.58 0.85 0.00	26.28 0.60 0.00
BRANSCOMB___SOLAR 323811	47.04 1.79 0.00	36.54 1.64 0.00	33.03 1.55 0.00	35.29 1.74 0.00	37.41 1.61 0.00	39.20 1.61 0.00	34.61 1.51 0.00	33.33 1.44 0.00	38.68 1.58 0.00	43.47 1.79 0.00	48.04 1.56 0.00	51.06 1.38 0.00	54.49 1.27 0.00	74.35 2.09 0.00	52.24 1.34 0.00	60.16 2.19 0.00	57.18 2.62 0.00	52.87 2.48 -0.41	48.93 2.32 0.00	49.49 2.17 0.00	48.50 2.07 0.00	43.93 1.74 0.00	34.00 1.28 0.00	26.66 0.98 0.00
BRDGHMPT_69_KV_BK1 55812	28.84 2.05 18.45	36.67 1.77 0.00	33.47 1.99 0.00	35.25 1.70 0.00	37.26 1.46 0.00	38.90 1.31 0.00	35.08 1.99 0.00	34.00 2.11 0.00	40.04 2.93 0.00	44.67 3.13 0.14	50.61 4.18 0.06	52.11 4.37 1.94	39.23 4.57 18.56	52.28 6.23 26.21	53.00 4.54 2.45	63.63 5.66 0.00	60.63 6.07 0.00	59.18 5.56 -3.64	50.76 4.15 0.00	49.71 3.06 0.67	34.77 2.70 14.36	15.70 2.41 28.90	13.66 2.23 21.30	16.63 1.76 10.80

BRENTWOD_69_KV_W. BRTWOOD 56703	29.13 1.97 18.09	36.81 1.91 0.00	33.34 1.87 0.00	35.19 1.64 0.00	37.31 1.51 0.00	38.96 1.37 0.00	34.84 1.74 0.00	33.73 1.84 0.00	39.31 2.20 0.00	43.66 2.13 0.14	49.27 2.85 0.06	50.52 2.84 2.00	38.20 3.14 18.16	51.05 4.46 25.67	51.69 3.29 2.51	62.10 4.14 0.00	59.33 4.77 0.00	58.19 4.58 -3.64	50.18 3.57 0.00	48.98 2.51 0.85	34.39 2.02 14.06	15.54 1.67 28.33	13.26 1.41 20.88	16.21 1.11 10.58
BRISTLHL_115KV_TB1 79998	44.53 -0.72 0.00	34.25 -0.65 0.00	30.88 -0.60 0.00	32.93 -0.62 0.00	35.15 -0.65 0.00	36.84 -0.75 0.00	32.43 -0.66 0.00	31.23 -0.67 0.00	36.31 -0.80 0.00	40.86 -0.82 0.00	45.79 -0.71 -0.01	49.12 -0.71 -0.14	52.42 -0.80 0.00	75.51 -1.13 -4.38	50.11 -0.79 0.00	56.77 -1.20 0.00	53.52 -1.04 0.00	49.02 -0.95 0.00	45.73 -0.88 0.00	46.65 -0.67 0.00	45.71 -0.72 0.00	41.48 -0.71 0.00	32.15 -0.58 0.00	25.19 -0.49 0.00
BROOKHAVEN___DRP 24191	28.14 1.35 18.46	36.29 1.39 0.00	32.90 1.43 0.00	34.70 1.15 0.00	36.77 0.97 0.00	38.39 0.80 0.00	34.42 1.32 0.00	33.30 1.41 0.00	38.87 1.76 0.00	43.17 1.63 0.14	48.84 2.42 0.05	50.12 2.37 1.94	37.16 2.51 18.57	49.64 3.60 26.22	51.29 2.82 2.44	61.69 3.72 0.00	58.95 4.40 0.00	57.86 4.25 -3.64	49.80 3.18 0.00	48.98 2.32 0.66	34.03 1.97 14.36	14.82 1.55 28.92	12.63 1.20 21.31	15.80 0.93 10.81
BROOKLYN_NAVY_YARD 23515	47.94 2.69 0.00	37.05 2.16 0.00	33.47 1.99 0.00	35.49 1.94 0.00	37.66 1.86 0.00	39.37 1.78 0.00	35.05 1.96 0.00	34.06 2.17 0.00	39.71 2.59 0.00	46.49 2.93 -1.89	50.52 3.55 -0.48	53.83 3.82 -0.33	58.09 3.84 -1.03	79.34 5.50 -1.58	55.41 4.01 -0.49	62.81 4.85 0.00	59.70 5.15 0.00	58.25 4.64 -3.64	50.47 3.85 0.00	50.48 3.16 0.00	49.52 2.71 -0.38	44.63 2.36 -0.08	34.67 1.92 -0.02	27.51 1.55 -0.28
BROOKLYN___ARMY_DRP 323595	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
BROOME_2_LFGE 323671	45.53 0.28 0.00	34.92 0.02 0.00	31.52 0.04 0.00	33.61 0.05 0.00	35.91 0.11 0.00	37.60 0.01 0.00	33.09 0.00 0.00	31.82 -0.07 0.00	37.02 -0.09 0.00	41.81 0.13 0.00	46.88 0.40 0.00	50.21 0.52 0.00	53.81 0.59 0.00	72.92 0.67 0.00	51.55 0.65 0.00	58.26 0.29 0.00	54.88 0.32 0.00	50.07 0.02 -0.08	46.64 0.03 0.00	47.71 0.39 0.00	46.65 0.22 0.00	42.29 0.10 0.00	32.74 0.01 0.00	25.68 0.00 0.00
BROOME___LFGE 323600	45.53 0.28 0.00	34.92 0.02 0.00	31.52 0.04 0.00	33.61 0.05 0.00	35.91 0.11 0.00	37.60 0.01 0.00	33.09 0.00 0.00	31.82 -0.07 0.00	37.02 -0.09 0.00	41.81 0.13 0.00	46.88 0.40 0.00	50.21 0.52 0.00	53.81 0.59 0.00	72.92 0.67 0.00	51.55 0.65 0.00	58.26 0.29 0.00	54.88 0.32 0.00	50.07 0.02 -0.08	46.64 0.03 0.00	47.71 0.39 0.00	46.65 0.22 0.00	42.29 0.10 0.00	32.74 0.01 0.00	25.68 0.00 0.00
BROWNFLS_115KV_TB_3_5 80003	45.13 -0.12 0.00	34.73 -0.17 0.00	31.26 -0.21 0.00	33.45 -0.10 0.00	36.00 0.20 0.00	38.12 0.52 0.00	33.12 0.02 0.00	31.99 0.09 0.00	37.68 0.57 0.00	41.71 0.03 0.00	46.40 -0.09 0.00	50.16 0.46 -0.02	53.50 0.27 0.00	72.87 -0.05 -0.66	50.62 -0.28 0.00	56.92 -1.04 0.00	53.07 -1.49 0.00	48.92 -1.05 0.00	45.90 -0.72 0.00	47.63 0.31 0.00	47.36 0.93 0.00	43.29 1.10 0.00	33.61 0.87 0.00	26.04 0.36 0.00
BROWNSV1_27_KV_LOAD 356125	48.52 3.28 0.00	37.48 2.58 0.00	33.84 2.36 0.00	35.88 2.33 0.00	38.07 2.26 0.00	39.81 2.22 0.00	35.44 2.34 0.00	34.43 2.54 0.00	40.14 3.03 0.00	47.02 3.45 -1.89	51.13 4.17 -0.48	54.43 4.47 -0.28	57.81 4.59 0.00	78.81 6.55 0.00	55.63 4.73 0.00	63.63 5.66 0.00	60.49 5.94 0.00	58.99 5.37 -3.64	51.13 4.52 0.00	51.14 3.83 0.00	49.79 3.36 0.00	45.14 2.94 0.00	35.06 2.33 0.00	27.55 1.88 0.00
BURROWS___LYONSDAL 23803	45.33 0.08 0.00	34.90 0.00 0.00	31.56 0.08 0.00	33.83 0.28 0.00	36.32 0.51 0.00	38.30 0.71 0.00	33.24 0.14 0.00	32.12 0.23 0.00	37.89 0.78 0.00	41.80 0.13 0.00	46.51 0.03 0.00	50.67 0.98 -0.02	54.21 0.98 0.00	73.89 1.18 -0.46	51.75 0.84 0.00	58.14 0.18 0.00	54.15 -0.41 0.00	50.02 0.04 0.00	46.87 0.25 0.00	48.65 1.33 0.00	48.16 1.73 0.00	43.80 1.61 0.00	33.79 1.05 0.00	26.12 0.44 0.00
CAITHNESS_CC_1 323624	28.10 1.32 18.47	36.29 1.39 0.00	32.90 1.42 0.00	34.70 1.15 0.00	36.78 0.98 0.00	38.39 0.80 0.00	34.40 1.31 0.00	33.28 1.39 0.00	38.84 1.73 0.00	43.11 1.57 0.14	48.79 2.36 0.05	50.03 2.28 1.93	36.97 2.32 18.58	49.46 3.43 26.23	51.19 2.72 2.43	61.57 3.61 0.00	58.83 4.28 0.00	57.74 4.12 -3.64	49.68 3.07 0.00	48.91 2.24 0.65	33.89 1.83 14.37	14.71 1.45 28.93	12.53 1.11 21.32	15.73 0.87 10.81
CALPINE BETH_PAGE_GT4 24209	34.25 2.15 13.15	36.87 1.97 0.00	33.34 1.86 0.00	35.24 1.69 0.00	37.38 1.58 0.00	39.07 1.48 0.00	34.87 1.77 0.00	33.79 1.90 0.00	39.39 2.28 0.00	43.85 2.32 0.14	49.33 2.89 0.04	51.44 2.94 1.18	43.25 3.04 13.02	58.27 4.28 18.27	52.84 3.26 1.32	62.06 4.10 0.00	59.16 4.61 0.00	57.99 4.38 -3.64	49.97 3.36 0.00	49.69 2.37 0.00	38.21 1.93 10.15	23.21 1.59 20.57	18.85 1.29 15.17	19.08 1.04 7.64
CALPINE_BETH_PAGE_GT_4 323586	34.24 2.14 13.15	36.87 1.97 0.00	33.34 1.86 0.00	35.24 1.69 0.00	37.38 1.58 0.00	39.07 1.48 0.00	34.87 1.77 0.00	33.79 1.90 0.00	39.40 2.28 0.00	43.85 2.31 0.14	49.35 2.91 0.04	51.43 2.92 1.18	43.16 2.96 13.02	58.24 4.25 18.27	52.83 3.25 1.32	62.07 4.10 0.00	59.16 4.60 0.00	57.98 4.36 -3.64	49.97 3.36 0.00	49.69 2.37 0.00	38.17 1.88 10.15	23.18 1.57 20.57	18.82 1.26 15.17	19.06 1.02 7.64
CALPINE_BP_GT1 23823	34.24 2.14 13.15	36.87 1.97 0.00	33.34 1.86 0.00	35.24 1.69 0.00	37.38 1.58 0.00	39.07 1.48 0.00	34.87 1.77 0.00	33.79 1.90 0.00	39.40 2.28 0.00	43.85 2.31 0.14	49.35 2.91 0.04	51.43 2.92 1.18	43.16 2.96 13.02	58.24 4.25 18.27	52.83 3.25 1.32	62.07 4.10 0.00	59.16 4.60 0.00	57.98 4.36 -3.64	49.97 3.36 0.00	49.69 2.37 0.00	38.17 1.88 10.15	23.18 1.57 20.57	18.82 1.26 15.17	19.06 1.02 7.64
CALSPAN___DRP 24200	45.19 -0.06 0.00	34.35 -0.55 0.00	30.80 -0.68 0.00	32.71 -0.84 0.00	35.09 -0.72 0.00	36.85 -0.74 0.00	31.98 -1.11 0.00	30.72 -1.17 0.00	36.06 -1.05 0.00	41.37 -0.31 0.00	47.18 0.70 0.00	50.24 0.56 0.00	53.77 0.55 0.00	71.45 -0.75 0.05	50.06 -0.85 0.00	55.80 -2.16 7.25	45.65 -1.66 10.57	37.76 -1.64 10.57	38.29 -1.65 6.68	46.39 -0.93 0.00	45.59 -0.83 0.00	41.59 -0.60 0.00	32.23 -0.50 0.00	25.30 -0.37 0.00

CALVERTON___SOLAR 323806	28.18 1.39 18.46	36.32 1.42 0.00	32.95 1.48 0.00	34.74 1.19 0.00	36.81 1.00 0.00	38.42 0.83 0.00	34.47 1.38 0.00	33.36 1.47 0.00	38.98 1.86 0.00	43.30 1.76 0.14	49.03 2.60 0.05	50.30 2.56 1.94	37.27 2.61 18.57	49.88 3.84 26.22	51.46 2.99 2.44	61.90 3.94 0.00	59.17 4.62 0.00	58.04 4.43 -3.64	49.96 3.34 0.00	49.11 2.46 0.66	34.10 2.03 14.36	14.92 1.64 28.91	12.71 1.29 21.30	15.87 1.00 10.81
CANDIGU_WT_PWR 323617	44.57 -0.68 0.00	34.10 -0.80 0.00	30.51 -0.97 0.00	32.35 -1.21 0.00	35.13 -0.68 0.00	36.94 -0.65 0.00	32.09 -1.00 0.00	30.85 -1.05 0.00	36.03 -1.08 0.00	40.97 -0.71 0.00	46.44 -0.04 0.00	49.68 0.00 0.00	53.10 -0.12 0.00	70.46 -1.46 0.33	49.21 -1.70 0.00	55.04 -2.93 0.00	4.34 -2.64 47.58	-22.14 -2.68 69.43	0.46 -2.30 43.85	46.23 -1.10 0.00	45.67 -0.76 0.00	41.57 -0.62 0.00	32.23 -0.50 0.00	25.28 -0.40 0.00
CARR STREET_E_SYR 24060	44.93 -0.32 0.00	34.54 -0.36 0.00	31.14 -0.33 0.00	33.19 -0.36 0.00	35.44 -0.36 0.00	37.13 -0.46 0.00	32.70 -0.39 0.00	31.47 -0.42 0.00	36.53 -0.58 0.00	41.13 -0.55 0.00	46.07 -0.41 0.00	49.38 -0.30 0.00	52.88 -0.34 0.00	71.73 -0.53 0.00	50.70 -0.20 0.00	57.35 -0.62 0.00	54.05 -0.51 0.00	49.42 -0.56 0.00	46.10 -0.51 0.00	46.99 -0.33 0.00	46.03 -0.40 0.00	41.77 -0.43 0.00	32.33 -0.40 0.00	25.33 -0.34 0.00
CARTHAGE___PAPER 23857	45.19 -0.06 0.00	34.71 -0.19 0.00	31.38 -0.09 0.00	33.71 0.15 0.00	36.40 0.60 0.00	38.56 0.96 0.00	33.18 0.08 0.00	32.04 0.14 0.00	37.94 0.83 0.00	41.74 0.06 0.00	46.51 0.02 0.00	50.79 1.07 -0.05	54.19 0.97 0.00	74.54 0.82 -1.46	51.10 0.19 0.00	56.86 -1.10 0.00	52.87 -1.69 0.00	49.31 -0.66 0.00	46.41 -0.21 0.00	48.83 1.51 0.00	48.78 2.35 0.00	44.46 2.27 0.00	34.15 1.42 0.00	26.25 0.57 0.00
CASSADAGA_WT_PWR 323784	45.54 0.29 0.00	34.23 -0.67 0.00	31.43 -0.04 0.00	33.53 -0.02 0.00	35.68 -0.12 0.00	37.26 -0.33 0.00	32.41 -0.68 0.00	31.21 -0.68 0.00	36.68 -0.44 0.00	42.46 0.78 0.00	48.28 1.79 0.00	51.46 1.78 0.00	54.88 1.65 0.00	72.89 0.67 0.03	51.43 0.53 0.00	57.27 -0.70 0.00	49.48 -0.70 4.38	42.58 -1.00 6.39	41.72 -0.87 4.03	47.63 0.31 0.00	46.69 0.26 0.00	42.21 0.02 0.00	32.86 0.12 0.00	25.94 0.26 0.00
CE_DUNWOOD___DRP 24194	47.54 2.29 0.00	36.74 1.84 0.00	33.20 1.72 0.00	35.25 1.70 0.00	37.43 1.62 0.00	39.12 1.53 0.00	34.74 1.65 0.00	33.70 1.81 0.00	39.25 2.14 0.00	44.05 2.37 0.00	49.41 2.92 0.00	52.88 3.20 0.00	56.51 3.28 0.00	77.05 4.80 0.00	54.36 3.46 0.00	62.20 4.24 0.00	59.08 4.52 0.00	57.78 4.13 -3.68	50.02 3.40 0.00	50.10 2.78 0.00	48.81 2.38 0.00	44.23 2.04 0.00	34.35 1.62 0.00	26.98 1.30 0.00
CE_MILLWOOD___DRP 24193	47.43 2.18 0.00	36.66 1.76 0.00	33.12 1.65 0.00	35.18 1.63 0.00	37.35 1.55 0.00	39.05 1.46 0.00	34.67 1.58 0.00	33.61 1.72 0.00	39.14 2.03 0.00	43.92 2.24 0.00	49.26 2.78 0.00	52.72 3.04 0.00	56.34 3.12 0.00	76.85 4.59 0.00	54.21 3.30 0.00	62.03 4.06 0.00	58.90 4.35 0.00	57.68 3.96 -3.74	49.90 3.28 0.00	49.99 2.66 0.00	48.71 2.28 0.00	44.14 1.95 0.00	34.28 1.54 0.00	26.91 1.24 0.00
CE_NYC2_DRP 24202	48.02 2.78 0.00	37.10 2.20 0.00	33.51 2.04 0.00	35.48 1.93 0.00	37.69 1.89 0.00	39.40 1.81 0.00	35.11 2.01 0.00	34.11 2.21 0.00	39.77 2.66 0.00	49.41 2.81 -4.92	50.48 3.27 -0.73	53.95 3.73 -0.54	57.02 3.72 -0.08	77.42 5.16 0.00	54.81 3.91 0.00	62.64 4.68 0.00	59.52 4.97 0.00	58.15 4.53 -3.64	50.38 3.77 0.00	50.18 2.86 0.00	48.92 2.49 0.00	44.48 2.29 0.00	34.67 1.94 0.00	27.25 1.58 0.00
CE_NYC_DRP 24195	47.96 2.71 0.00	37.07 2.17 0.00	33.48 2.01 0.00	35.51 1.96 0.00	37.67 1.87 0.00	39.40 1.80 0.00	35.06 1.96 0.00	34.06 2.17 0.00	39.70 2.59 0.00	46.40 2.93 -1.80	50.50 3.56 -0.46	53.77 3.83 -0.27	57.13 3.90 0.00	77.85 5.59 0.00	54.95 4.04 0.00	62.85 4.88 0.00	59.75 5.20 0.00	58.30 4.68 -3.64	50.51 3.89 0.00	50.54 3.22 0.00	49.20 2.77 0.00	44.60 2.41 0.00	34.66 1.93 0.00	27.25 1.58 0.00
CHAFFEE___LFGE 323603	45.37 0.12 0.00	34.48 -0.43 0.00	30.91 -0.57 0.00	32.81 -0.74 0.00	35.18 -0.62 0.00	36.96 -0.63 0.00	32.11 -0.99 0.00	30.85 -1.04 0.00	36.21 -0.90 0.00	41.57 -0.11 0.00	47.37 0.88 0.00	50.47 0.79 0.00	54.05 0.82 0.00	71.88 -0.34 0.04	50.33 -0.57 0.00	56.13 -1.84 0.00	47.47 -1.31 5.78	40.25 -1.30 8.43	39.93 -1.37 5.32	46.65 -0.67 0.00	45.82 -0.61 0.00	41.77 -0.42 0.00	32.36 -0.37 0.00	25.41 -0.27 0.00
CHATEAUG_35_KV_LOAD 355732	44.32 -0.93 0.00	34.32 -0.58 0.00	30.89 -0.59 0.00	32.89 -0.66 0.00	35.22 -0.58 0.00	37.28 -0.31 0.00	32.96 -0.13 0.00	31.78 -0.11 0.00	36.88 -0.24 0.00	41.31 -0.37 0.00	45.58 -0.90 0.00	48.01 -1.67 0.00	52.34 -0.89 0.00	71.07 -1.19 0.00	49.34 -1.57 0.00	56.19 -1.78 0.00	53.14 -1.42 0.00	48.67 -1.30 0.00	45.64 -0.98 0.00	46.37 -0.96 0.00	45.76 -0.67 0.00	41.68 -0.51 0.00	32.48 -0.25 0.00	25.66 -0.01 0.00
CHATEAUG_WT_PWR 323614	44.26 -0.98 0.00	34.29 -0.61 0.00	30.86 -0.61 0.00	32.88 -0.67 0.00	35.21 -0.60 0.00	37.24 -0.35 0.00	32.93 -0.17 0.00	31.75 -0.14 0.00	36.84 -0.27 0.00	41.28 -0.40 0.00	45.59 -0.90 0.00	48.01 -1.67 0.00	52.32 -0.90 0.00	71.12 -1.14 0.00	49.36 -1.55 0.00	56.18 -1.79 0.00	53.12 -1.44 0.00	48.54 -1.43 0.00	45.56 -1.06 0.00	46.30 -1.02 0.00	45.65 -0.78 0.00	41.53 -0.66 0.00	32.37 -0.36 0.00	25.60 -0.08 0.00
CHAT_HIGH_FALL_HYD 323578	44.32 -0.93 0.00	34.32 -0.58 0.00	30.89 -0.59 0.00	32.89 -0.66 0.00	35.22 -0.58 0.00	37.28 -0.31 0.00	32.96 -0.13 0.00	31.78 -0.11 0.00	36.88 -0.24 0.00	41.31 -0.37 0.00	45.58 -0.90 0.00	48.01 -1.67 0.00	52.34 -0.89 0.00	71.07 -1.19 0.00	49.34 -1.57 0.00	56.19 -1.78 0.00	53.14 -1.42 0.00	48.67 -1.30 0.00	45.64 -0.98 0.00	46.37 -0.96 0.00	45.76 -0.67 0.00	41.68 -0.51 0.00	32.48 -0.25 0.00	25.66 -0.01 0.00
CHAUTAUQUA___LFGE 323629	45.46 0.21 0.00	34.29 -0.62 0.00	31.20 -0.27 0.00	33.21 -0.35 0.00	35.49 -0.31 0.00	37.18 -0.42 0.00	32.32 -0.78 0.00	31.03 -0.86 0.00	36.37 -0.74 0.00	41.93 0.25 0.00	47.71 1.23 0.00	50.86 1.18 0.00	54.35 1.12 0.00	72.40 0.18 0.04	50.98 0.08 0.00	56.79 -1.18 0.00	48.11 -0.93 5.51	40.75 -1.18 8.04	40.40 -1.14 5.08	47.23 -0.09 0.00	46.26 -0.17 0.00	41.95 -0.24 0.00	32.63 -0.10 0.00	25.65 -0.03 0.00
CHERRYST_13_KV_LD 356241	48.11 2.87 0.00	37.18 2.29 0.00	33.58 2.11 0.00	35.62 2.07 0.00	37.80 2.00 0.00	39.53 1.94 0.00	35.19 2.10 0.00	34.20 2.31 0.00	39.87 2.76 0.00	46.62 3.14 -1.81	50.74 3.80 -0.46	54.04 4.09 -0.27	57.40 4.17 0.00	78.22 5.96 0.00	55.20 4.30 0.00	63.13 5.17 0.00	60.01 5.46 0.00	58.55 4.93 -3.64	50.70 4.09 0.00	50.71 3.39 0.00	49.36 2.93 0.00	44.74 2.55 0.00	34.77 2.04 0.00	27.33 1.65 0.00

CHESTROR_138KV_BK263 355645	47.05 1.80 0.00	36.34 1.44 0.00	32.82 1.35 0.00	34.91 1.36 0.00	37.09 1.29 0.00	38.78 1.19 0.00	34.36 1.26 0.00	33.26 1.36 0.00	38.69 1.58 0.00	43.41 1.74 0.00	48.67 2.19 0.00	52.09 2.41 0.00	55.72 2.49 0.00	75.99 3.74 0.00	53.61 2.71 0.00	61.35 3.39 0.00	58.23 3.67 0.00	65.54 3.31 -12.25	49.29 2.68 0.00	49.55 2.23 0.00	48.35 1.92 0.00	43.82 1.63 0.00	34.01 1.28 0.00	26.69 1.01 0.00
CH_MIDHUDSON___DRP 24192	47.38 2.14 0.00	36.65 1.75 0.00	33.12 1.64 0.00	35.24 1.68 0.00	37.38 1.58 0.00	39.07 1.47 0.00	34.66 1.56 0.00	33.54 1.65 0.00	39.03 1.92 0.00	43.78 2.10 0.00	49.06 2.58 0.00	52.53 2.86 0.00	56.21 2.99 0.00	76.70 4.44 0.00	54.12 3.21 0.00	61.98 4.02 0.00	58.81 4.26 0.00	56.64 3.82 -2.84	49.73 3.12 0.00	49.88 2.55 0.00	48.65 2.22 0.00	44.08 1.89 0.00	34.20 1.47 0.00	26.85 1.17 0.00
CH_MISC_IPPS 23765	47.73 2.48 0.00	36.88 1.98 0.00	33.30 1.83 0.00	35.42 1.86 0.00	37.59 1.79 0.00	39.27 1.67 0.00	34.83 1.74 0.00	33.74 1.85 0.00	39.27 2.16 0.00	44.08 2.40 0.00	49.45 2.97 0.00	52.97 3.29 0.00	56.69 3.47 0.00	77.34 5.08 0.00	54.60 3.70 0.00	62.56 4.59 0.00	59.36 4.81 0.00	57.03 4.30 -2.76	50.11 3.50 0.00	50.26 2.94 0.00	49.02 2.59 0.00	44.41 2.22 0.00	34.44 1.71 0.00	27.01 1.34 0.00
CH_RES_BVR_FALLS 23983	44.73 -0.52 0.00	34.56 -0.34 0.00	31.17 -0.31 0.00	33.24 -0.31 0.00	35.54 -0.26 0.00	37.41 -0.18 0.00	32.81 -0.28 0.00	31.61 -0.28 0.00	37.00 -0.11 0.00	41.32 -0.36 0.00	46.01 -0.47 0.00	49.49 -0.19 0.00	53.03 -0.20 0.00	71.85 -0.41 0.00	50.50 -0.41 0.00	57.37 -0.59 0.00	53.80 -0.75 0.00	49.37 -0.60 0.00	46.13 -0.49 0.00	47.02 -0.30 0.00	46.26 -0.16 0.00	42.07 -0.12 0.00	32.62 -0.11 0.00	25.56 -0.12 0.00
CH_RES_NIAGARA 23895	44.23 -1.02 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.35 -1.45 0.00	36.09 -1.51 0.00	31.23 -1.86 0.00	29.97 -1.92 0.00	35.19 -1.93 0.00	40.34 -1.34 0.00	46.08 -0.41 0.00	49.02 -0.66 0.00	52.47 -0.76 0.00	69.64 -2.57 0.04	48.73 -2.17 0.00	54.27 -3.70 0.00	45.34 -3.45 5.76	38.25 -3.32 8.40	38.19 -3.12 5.31	44.70 -2.62 0.00	44.03 -2.40 0.00	40.37 -1.82 0.00	31.44 -1.29 0.00	24.71 -0.97 0.00
CH_RES_SYRACUSE 23985	45.12 -0.13 0.00	34.68 -0.22 0.00	31.27 -0.21 0.00	33.33 -0.22 0.00	35.60 -0.21 0.00	37.29 -0.30 0.00	32.86 -0.23 0.00	31.61 -0.28 0.00	36.73 -0.39 0.00	41.34 -0.34 0.00	46.33 -0.15 0.00	49.68 -0.05 -0.06	53.16 -0.06 0.00	73.92 -0.09 -1.75	51.04 0.13 0.00	57.68 -0.29 0.00	54.39 -0.16 0.00	49.70 -0.27 0.00	46.40 -0.22 0.00	47.36 0.04 0.00	46.39 -0.04 0.00	42.09 -0.10 0.00	32.58 -0.15 0.00	25.52 -0.16 0.00
CLINTON_WT_PWR 323605	44.26 -0.98 0.00	34.29 -0.61 0.00	30.86 -0.61 0.00	32.88 -0.67 0.00	35.21 -0.60 0.00	37.24 -0.35 0.00	32.93 -0.17 0.00	31.75 -0.14 0.00	36.84 -0.27 0.00	41.28 -0.40 0.00	45.59 -0.90 0.00	48.01 -1.67 0.00	52.32 -0.90 0.00	71.12 -1.14 0.00	49.36 -1.55 0.00	56.18 -1.79 0.00	53.12 -1.44 0.00	48.54 -1.43 0.00	45.56 -1.06 0.00	46.30 -1.02 0.00	45.65 -0.78 0.00	41.53 -0.66 0.00	32.37 -0.36 0.00	25.60 -0.08 0.00
CLINTON___LFGE 323618	44.69 -0.56 0.00	34.63 -0.27 0.00	31.17 -0.31 0.00	33.20 -0.36 0.00	35.49 -0.31 0.00	37.53 -0.06 0.00	33.21 0.11 0.00	32.10 0.20 0.00	37.22 0.11 0.00	41.66 -0.02 0.00	45.98 -0.50 0.00	48.13 -1.55 0.00	52.68 -0.55 0.00	71.59 -0.67 0.00	49.39 -1.52 0.00	56.03 -1.93 0.00	53.09 -1.46 0.00	48.60 -1.37 0.00	45.64 -0.98 0.00	46.30 -1.02 0.00	45.66 -0.77 0.00	41.62 -0.57 0.00	32.50 -0.23 0.00	25.79 0.11 0.00
COBBLENY_34_KV_TB1 80064	45.37 0.12 0.00	34.47 -0.43 0.00	30.91 -0.57 0.00	32.82 -0.74 0.00	35.18 -0.62 0.00	36.96 -0.63 0.00	32.11 -0.99 0.00	30.85 -1.04 0.00	36.22 -0.89 0.00	41.56 -0.12 0.00	47.38 0.90 0.00	50.48 0.80 0.00	54.04 0.82 0.00	71.84 -0.38 0.04	50.32 -0.58 0.00	56.13 -1.84 0.00	47.47 -1.31 5.78	40.22 -1.33 8.43	39.90 -1.39 5.32	46.64 -0.68 0.00	45.81 -0.62 0.00	41.76 -0.43 0.00	32.36 -0.37 0.00	25.40 -0.28 0.00
COFFEEN___115KV_TB3 355620	45.33 0.09 0.00	34.78 -0.12 0.00	31.43 -0.04 0.00	33.76 0.21 0.00	36.51 0.70 0.00	38.65 1.06 0.00	33.22 0.12 0.00	32.03 0.14 0.00	37.87 0.75 0.00	41.89 0.21 0.00	46.83 0.35 0.00	50.99 1.25 -0.06	54.29 1.06 0.00	74.85 0.77 -1.82	50.78 -0.12 0.00	56.31 -1.66 0.00	52.40 -2.16 0.00	49.15 -0.82 0.00	46.26 -0.36 0.00	48.90 1.58 0.00	49.12 2.69 0.00	44.70 2.51 0.00	34.25 1.52 0.00	26.30 0.62 0.00
COLDSPRG_115KV_BK1 355956	46.04 0.79 0.00	34.81 -0.09 0.00	31.58 0.10 0.00	33.56 0.01 0.00	35.90 0.10 0.00	37.61 0.02 0.00	32.83 -0.27 0.00	31.62 -0.27 0.00	37.13 0.02 0.00	42.75 1.07 0.00	48.57 2.09 0.00	51.72 2.04 0.00	55.30 2.08 0.00	73.62 1.38 0.02	51.66 0.76 0.00	57.63 -0.33 0.00	51.81 -0.15 2.59	45.76 -0.44 3.78	43.82 -0.41 2.38	47.91 0.59 0.00	46.91 0.48 0.00	42.63 0.44 0.00	33.12 0.39 0.00	26.02 0.34 0.00
COLONIE_LFGE___ 323577	46.41 1.17 0.00	36.08 1.18 0.00	32.68 1.20 0.00	34.92 1.37 0.00	37.00 1.20 0.00	38.74 1.15 0.00	34.23 1.13 0.00	33.01 1.12 0.00	38.25 1.14 0.00	42.84 1.15 0.00	47.62 1.13 0.00	50.80 1.12 0.00	54.40 1.17 0.00	74.25 1.99 0.00	52.12 1.21 0.00	59.87 1.91 0.00	56.62 2.06 0.00	52.47 2.01 -0.49	48.40 1.79 0.00	48.84 1.52 0.00	47.83 1.41 0.00	43.36 1.17 0.00	33.60 0.87 0.00	26.38 0.70 0.00
COOPERNY_115KV_TB1 80082	46.52 1.28 0.00	35.91 1.01 0.00	32.44 0.97 0.00	34.55 1.00 0.00	36.76 0.95 0.00	38.44 0.85 0.00	34.01 0.92 0.00	32.92 1.02 0.00	38.29 1.18 0.00	42.99 1.31 0.00	48.09 1.61 0.00	51.45 1.77 0.00	55.05 1.83 0.00	74.99 2.73 0.00	52.92 2.02 0.00	60.44 2.47 0.00	57.18 2.62 0.00	52.36 2.36 -0.03	48.53 1.91 0.00	48.95 1.62 0.00	47.81 1.38 0.00	43.37 1.18 0.00	33.66 0.92 0.00	26.40 0.72 0.00
COPENHAGEN_WT_PWR 323753	44.32 -0.92 0.00	34.05 -0.85 0.00	30.83 -0.64 0.00	33.20 -0.35 0.00	35.93 0.13 0.00	38.07 0.48 0.00	32.50 -0.59 0.00	31.39 -0.50 0.00	37.31 0.19 0.00	41.09 -0.59 0.00	45.95 -0.54 0.00	50.48 0.74 -0.06	53.93 0.71 0.00	74.55 0.38 -1.91	50.53 -0.37 0.00	55.85 -2.11 0.00	51.91 -2.65 0.00	48.54 -1.43 0.00	45.61 -1.00 0.00	48.42 1.10 0.00	48.43 2.00 0.00	44.07 1.88 0.00	33.69 0.96 0.00	25.86 0.18 0.00
CORNELL_____ 23752	46.13 0.88 0.00	35.39 0.49 0.00	31.90 0.43 0.00	33.99 0.44 0.00	36.33 0.52 0.00	38.06 0.47 0.00	33.53 0.43 0.00	32.22 0.33 0.00	37.32 0.21 0.00	41.93 0.25 0.00	46.93 0.44 0.00	50.32 0.64 0.00	53.96 0.73 0.00	73.23 0.96 -0.02	52.25 1.35 0.00	58.94 0.97 0.00	55.20 0.65 0.00	50.36 0.38 0.00	47.14 0.52 0.00	48.34 1.03 0.00	47.41 0.98 0.00	42.97 0.78 0.00	33.22 0.49 0.00	26.01 0.33 0.00

CORONA_V_69_KV_TB1 355595	47.69 2.44 0.00	37.02 2.12 0.00	33.45 1.97 0.00	35.40 1.84 0.00	37.57 1.77 0.00	39.26 1.67 0.00	35.00 1.90 0.00	33.92 2.02 0.00	39.51 2.39 0.00	44.05 2.51 0.14	49.79 3.35 0.04	53.16 3.52 0.04	58.95 3.71 -2.02	80.60 5.15 -3.20	55.67 3.76 -1.00	62.71 4.75 0.00	59.75 5.19 0.00	58.42 4.81 -3.64	50.38 3.76 0.00	50.19 2.87 0.00	49.68 2.47 -0.78	44.44 2.09 -0.16	34.44 1.68 -0.04	27.59 1.34 -0.57
CORTLAND_115KV_TB3 80093	45.73 0.48 0.00	35.11 0.21 0.00	31.68 0.21 0.00	33.78 0.23 0.00	36.09 0.28 0.00	37.79 0.20 0.00	33.29 0.19 0.00	32.05 0.16 0.00	37.21 0.10 0.00	41.79 0.11 0.00	46.78 0.29 0.00	50.18 0.50 0.00	53.76 0.54 0.00	72.97 0.71 0.00	51.81 0.91 0.00	58.56 0.60 0.00	54.93 0.38 0.00	50.16 0.18 0.00	46.83 0.21 0.00	47.92 0.60 0.00	46.98 0.55 0.00	42.61 0.41 0.00	32.98 0.25 0.00	25.82 0.14 0.00
COXSACKIE___GT 23611	47.06 1.81 0.00	36.56 1.66 0.00	33.15 1.67 0.00	35.44 1.89 0.00	37.57 1.77 0.00	39.31 1.72 0.00	34.78 1.68 0.00	33.52 1.63 0.00	38.74 1.63 0.00	43.21 1.53 0.00	48.55 2.07 0.00	51.12 1.44 0.00	54.74 1.51 0.00	75.11 2.85 0.00	52.99 2.08 0.00	61.08 3.12 0.00	58.18 3.63 0.00	54.35 3.62 -0.75	49.58 2.97 0.00	49.69 2.37 0.00	48.87 2.44 0.00	44.40 2.21 0.00	34.30 1.57 0.00	26.98 1.30 0.00
CPV_VALLEY___CC1 323721	46.65 1.40 0.00	36.04 1.15 0.00	32.57 1.09 0.00	34.65 1.10 0.00	36.83 1.03 0.00	38.50 0.91 0.00	34.09 0.99 0.00	33.01 1.12 0.00	38.40 1.28 0.00	43.08 1.40 0.00	48.28 1.80 0.00	51.67 1.99 0.00	55.24 2.02 0.00	75.32 3.06 0.00	53.14 2.24 0.00	60.76 2.79 0.00	57.58 3.03 0.00	53.05 2.75 -0.32	48.83 2.21 0.00	49.10 1.78 0.00	47.93 1.50 0.00	43.46 1.26 0.00	33.74 1.01 0.00	26.48 0.80 0.00
CPV_VALLEY___CC2 323722	46.65 1.40 0.00	36.04 1.15 0.00	32.57 1.09 0.00	34.65 1.10 0.00	36.83 1.03 0.00	38.50 0.91 0.00	34.09 0.99 0.00	33.01 1.12 0.00	38.40 1.28 0.00	43.08 1.40 0.00	48.28 1.80 0.00	51.67 1.99 0.00	55.24 2.02 0.00	75.32 3.06 0.00	53.14 2.24 0.00	60.76 2.79 0.00	57.58 3.03 0.00	53.05 2.75 -0.32	48.83 2.21 0.00	49.10 1.78 0.00	47.93 1.50 0.00	43.46 1.26 0.00	33.74 1.01 0.00	26.48 0.80 0.00
CRESCENT___HYD 24018	46.41 1.17 0.00	36.08 1.18 0.00	32.68 1.20 0.00	34.92 1.37 0.00	37.00 1.20 0.00	38.74 1.15 0.00	34.23 1.13 0.00	33.01 1.12 0.00	38.25 1.14 0.00	42.84 1.15 0.00	47.62 1.13 0.00	50.80 1.12 0.00	54.40 1.17 0.00	74.25 1.99 0.00	52.12 1.21 0.00	59.87 1.91 0.00	56.62 2.06 0.00	52.47 2.01 -0.49	48.40 1.79 0.00	48.84 1.52 0.00	47.83 1.41 0.00	43.36 1.17 0.00	33.60 0.87 0.00	26.38 0.70 0.00
CRICKET___VALLEY_CC1 323756	46.58 1.34 0.00	36.15 1.25 0.00	32.68 1.20 0.00	34.79 1.24 0.00	36.88 1.07 0.00	38.55 0.96 0.00	34.21 1.12 0.00	33.12 1.23 0.00	38.50 1.39 0.00	43.10 1.42 0.00	48.22 1.74 0.00	51.61 1.93 0.00	55.26 2.04 0.00	75.49 3.24 0.00	53.21 2.31 0.00	60.94 2.98 0.00	57.82 3.26 0.00	56.10 3.01 -3.12	49.15 2.53 0.00	49.21 1.89 0.00	48.01 1.58 0.00	43.48 1.29 0.00	33.72 1.00 0.00	26.50 0.82 0.00
CRICKET___VALLEY_CC2 323757	46.58 1.34 0.00	36.15 1.25 0.00	32.68 1.20 0.00	34.79 1.24 0.00	36.88 1.07 0.00	38.55 0.96 0.00	34.21 1.12 0.00	33.12 1.23 0.00	38.50 1.39 0.00	43.10 1.42 0.00	48.22 1.74 0.00	51.61 1.93 0.00	55.26 2.04 0.00	75.49 3.24 0.00	53.21 2.31 0.00	60.94 2.98 0.00	57.82 3.26 0.00	56.10 3.01 -3.12	49.15 2.53 0.00	49.21 1.89 0.00	48.01 1.58 0.00	43.48 1.29 0.00	33.72 1.00 0.00	26.50 0.82 0.00
CRICKET___VALLEY_CC3 323758	46.58 1.34 0.00	36.15 1.25 0.00	32.68 1.20 0.00	34.79 1.24 0.00	36.88 1.07 0.00	38.55 0.96 0.00	34.21 1.12 0.00	33.12 1.23 0.00	38.50 1.39 0.00	43.10 1.42 0.00	48.22 1.74 0.00	51.61 1.93 0.00	55.26 2.04 0.00	75.49 3.24 0.00	53.21 2.31 0.00	60.94 2.98 0.00	57.82 3.26 0.00	56.10 3.01 -3.12	49.15 2.53 0.00	49.21 1.89 0.00	48.01 1.58 0.00	43.48 1.29 0.00	33.72 1.00 0.00	26.50 0.82 0.00
CRUCIBLE_METL_DRP 24180	45.12 -0.13 0.00	34.68 -0.22 0.00	31.26 -0.21 0.00	33.33 -0.22 0.00	35.59 -0.21 0.00	37.30 -0.30 0.00	32.86 -0.23 0.00	31.61 -0.28 0.00	36.73 -0.39 0.00	41.34 -0.34 0.00	46.33 -0.15 0.00	49.68 -0.05 -0.06	53.15 -0.07 0.00	73.90 -0.11 -1.75	51.04 0.13 0.00	57.68 -0.29 0.00	54.39 -0.16 0.00	49.70 -0.27 0.00	46.39 -0.22 0.00	47.36 0.04 0.00	46.39 -0.04 0.00	42.09 -0.10 0.00	32.58 -0.15 0.00	25.52 -0.16 0.00
DAHOWA___HYDRO 323763	47.22 1.97 0.00	36.68 1.79 0.00	33.16 1.68 0.00	35.43 1.87 0.00	37.55 1.75 0.00	39.36 1.77 0.00	34.75 1.65 0.00	33.48 1.58 0.00	38.84 1.73 0.00	43.68 2.00 0.00	48.20 1.72 0.00	51.22 1.54 0.00	54.61 1.39 0.00	74.51 2.25 0.00	52.38 1.48 0.00	60.35 2.38 0.00	57.35 2.79 0.00	52.97 2.66 -0.34	49.14 2.53 0.00	49.71 2.39 0.00	48.69 2.26 0.00	44.09 1.90 0.00	34.11 1.38 0.00	26.74 1.06 0.00
DANC___LFGE 323619	44.47 -0.78 0.00	34.18 -0.72 0.00	30.89 -0.59 0.00	33.13 -0.42 0.00	35.67 -0.13 0.00	37.64 0.05 0.00	32.53 -0.57 0.00	31.37 -0.53 0.00	36.95 -0.17 0.00	41.04 -0.64 0.00	45.91 -0.58 -0.01	49.96 0.20 -0.08	53.34 0.12 0.00	74.43 -0.26 -2.43	50.32 -0.58 0.00	56.13 -1.83 0.00	52.44 -2.11 0.00	48.62 -1.36 0.00	45.58 -1.04 0.00	47.65 0.33 0.00	47.32 0.88 0.00	43.02 0.83 0.00	33.09 0.36 0.00	25.60 -0.08 0.00
DANSKAMMER___1 23586	47.73 2.48 0.00	36.88 1.98 0.00	33.30 1.83 0.00	35.42 1.86 0.00	37.59 1.79 0.00	39.27 1.67 0.00	34.83 1.74 0.00	33.74 1.85 0.00	39.27 2.16 0.00	44.08 2.40 0.00	49.45 2.97 0.00	52.97 3.29 0.00	56.69 3.47 0.00	77.34 5.08 0.00	54.60 3.70 0.00	62.56 4.59 0.00	59.36 4.81 0.00	57.03 4.30 -2.76	50.11 3.50 0.00	50.26 2.94 0.00	49.02 2.59 0.00	44.41 2.22 0.00	34.44 1.71 0.00	27.01 1.34 0.00
DANSKAMMER___2 23589	47.73 2.48 0.00	36.88 1.98 0.00	33.30 1.83 0.00	35.42 1.86 0.00	37.59 1.79 0.00	39.27 1.67 0.00	34.83 1.74 0.00	33.74 1.85 0.00	39.27 2.16 0.00	44.08 2.40 0.00	49.45 2.97 0.00	52.97 3.29 0.00	56.69 3.47 0.00	77.34 5.08 0.00	54.60 3.70 0.00	62.56 4.59 0.00	59.36 4.81 0.00	57.03 4.30 -2.76	50.11 3.50 0.00	50.26 2.94 0.00	49.02 2.59 0.00	44.41 2.22 0.00	34.44 1.71 0.00	27.01 1.34 0.00
DANSKAMMER___3 23590	47.73 2.48 0.00	36.88 1.98 0.00	33.30 1.83 0.00	35.42 1.86 0.00	37.59 1.79 0.00	39.27 1.67 0.00	34.83 1.74 0.00	33.74 1.85 0.00	39.27 2.16 0.00	44.08 2.40 0.00	49.45 2.97 0.00	52.97 3.29 0.00	56.69 3.47 0.00	77.34 5.08 0.00	54.60 3.70 0.00	62.56 4.59 0.00	59.36 4.81 0.00	57.03 4.30 -2.76	50.11 3.50 0.00	50.26 2.94 0.00	49.02 2.59 0.00	44.41 2.22 0.00	34.44 1.71 0.00	27.01 1.34 0.00

DANSKAMMER___4 23591	47.73 2.48 0.00	36.88 1.98 0.00	33.30 1.83 0.00	35.42 1.86 0.00	37.59 1.79 0.00	39.27 1.67 0.00	34.83 1.74 0.00	33.74 1.85 0.00	39.27 2.16 0.00	44.08 2.40 0.00	49.45 2.97 0.00	52.97 3.29 0.00	56.69 3.47 0.00	77.34 5.08 0.00	54.60 3.70 0.00	62.56 4.59 0.00	59.36 4.81 0.00	57.03 4.30 -2.76	50.11 3.50 0.00	50.26 2.94 0.00	49.02 2.59 0.00	44.41 2.22 0.00	34.44 1.71 0.00	27.01 1.34 0.00
DANSKAMMER___DIESEL 23592	47.73 2.49 0.00	36.88 1.98 0.00	33.30 1.83 0.00	35.42 1.87 0.00	37.59 1.79 0.00	39.27 1.67 0.00	34.83 1.74 0.00	33.74 1.85 0.00	39.28 2.17 0.00	44.09 2.41 0.00	49.45 2.96 0.00	52.97 3.29 0.00	56.69 3.47 0.00	77.35 5.09 0.00	54.60 3.70 0.00	62.56 4.60 0.00	59.36 4.81 0.00	57.03 4.30 -2.76	50.12 3.50 0.00	50.26 2.94 0.00	49.02 2.59 0.00	44.41 2.22 0.00	34.44 1.71 0.00	27.01 1.34 0.00
DARBY___SOLAR 323810	47.03 1.78 0.00	36.53 1.63 0.00	33.01 1.54 0.00	35.28 1.73 0.00	37.40 1.60 0.00	39.18 1.59 0.00	34.59 1.50 0.00	33.32 1.43 0.00	38.67 1.56 0.00	43.46 1.78 0.00	48.00 1.52 0.00	51.02 1.34 0.00	54.46 1.23 0.00	74.29 2.03 0.00	52.21 1.30 0.00	60.15 2.18 0.00	57.15 2.60 0.00	52.78 2.46 -0.35	48.91 2.30 0.00	49.48 2.15 0.00	48.49 2.05 0.00	43.92 1.72 0.00	33.99 1.25 0.00	26.64 0.96 0.00
DASHVILLE___HYD 23610	47.33 2.08 0.00	36.52 1.63 0.00	32.98 1.51 0.00	35.13 1.58 0.00	37.28 1.48 0.00	38.95 1.36 0.00	34.54 1.45 0.00	33.46 1.57 0.00	38.93 1.82 0.00	43.64 1.96 0.00	48.95 2.47 0.00	52.39 2.71 0.00	56.07 2.85 0.00	76.55 4.29 0.00	53.99 3.09 0.00	61.82 3.86 0.00	58.55 4.00 0.00	55.07 3.55 -1.55	49.46 2.85 0.00	49.61 2.29 0.00	48.41 1.98 0.00	43.94 1.75 0.00	34.09 1.36 0.00	26.76 1.08 0.00
DELAWARE___LFGE 323621	46.46 1.21 0.00	35.79 0.89 0.00	32.34 0.87 0.00	34.58 1.03 0.00	36.84 1.04 0.00	38.57 0.98 0.00	33.95 0.86 0.00	32.67 0.78 0.00	38.03 0.92 0.00	42.80 1.12 0.00	47.92 1.44 0.00	51.26 1.58 0.00	54.89 1.66 0.00	74.62 2.36 0.00	52.69 1.78 0.00	59.90 1.93 0.00	56.40 1.84 0.00	51.62 1.53 -0.11	47.93 1.32 0.00	48.65 1.33 0.00	47.62 1.19 0.00	43.24 1.05 0.00	33.48 0.75 0.00	26.27 0.59 0.00
DERFIELD_115KV_TB7 355931	45.30 0.06 0.00	34.99 0.09 0.00	31.61 0.13 0.00	33.74 0.19 0.00	35.94 0.14 0.00	37.70 0.10 0.00	33.19 0.10 0.00	31.97 0.08 0.00	37.22 0.11 0.00	41.75 0.07 0.00	46.55 0.07 0.00	49.84 0.16 0.00	53.37 0.14 0.00	72.48 0.22 0.00	51.08 0.17 0.00	58.25 0.28 0.00	54.82 0.27 0.00	50.23 0.26 0.00	46.80 0.19 0.00	47.51 0.19 0.00	46.59 0.16 0.00	42.32 0.13 0.00	32.82 0.09 0.00	25.74 0.06 0.00
DOGLEVILLE___HYD 23807	45.93 0.68 0.00	35.57 0.66 0.00	32.31 0.84 0.00	34.55 1.00 0.00	36.64 0.83 0.00	38.19 0.60 0.00	33.72 0.63 0.00	32.32 0.43 0.00	37.61 0.50 0.00	42.21 0.53 0.00	45.76 -0.72 0.00	48.65 -1.02 0.00	52.15 -1.07 0.00	71.39 -0.87 0.00	50.20 -0.71 0.00	59.02 1.06 0.00	55.91 1.36 0.00	50.70 0.73 0.00	46.83 0.21 0.00	47.80 0.48 0.00	47.06 0.63 0.00	42.83 0.64 0.00	33.10 0.37 0.00	25.97 0.29 0.00
DUNKIRK__115KV_TB_200 55889	45.43 0.18 0.00	34.29 -0.61 0.00	31.15 -0.33 0.00	33.14 -0.42 0.00	35.44 -0.36 0.00	37.13 -0.47 0.00	32.29 -0.80 0.00	30.99 -0.90 0.00	36.35 -0.76 0.00	41.85 0.17 0.00	47.64 1.16 0.00	50.78 1.10 0.00	54.27 1.05 0.00	72.28 0.07 0.04	50.90 0.00 0.00	56.71 -1.25 0.00	47.96 -0.97 5.62	40.54 -1.23 8.20	40.23 -1.21 5.18	47.15 -0.17 0.00	46.19 -0.24 0.00	41.91 -0.29 0.00	32.59 -0.14 0.00	25.59 -0.09 0.00
DUNKIRK___1 23563	45.43 0.18 0.00	34.29 -0.61 0.00	31.15 -0.33 0.00	33.14 -0.42 0.00	35.44 -0.36 0.00	37.13 -0.47 0.00	32.29 -0.80 0.00	30.99 -0.90 0.00	36.35 -0.76 0.00	41.85 0.17 0.00	47.64 1.16 0.00	50.78 1.10 0.00	54.27 1.05 0.00	72.28 0.07 0.04	50.90 0.00 0.00	56.71 -1.25 0.00	47.96 -0.97 5.62	40.54 -1.23 8.20	40.23 -1.21 5.18	47.15 -0.17 0.00	46.19 -0.24 0.00	41.91 -0.29 0.00	32.59 -0.14 0.00	25.59 -0.09 0.00
DUNKIRK___2 23564	45.43 0.18 0.00	34.29 -0.61 0.00	31.15 -0.33 0.00	33.14 -0.42 0.00	35.44 -0.36 0.00	37.13 -0.47 0.00	32.29 -0.80 0.00	30.99 -0.90 0.00	36.35 -0.76 0.00	41.85 0.17 0.00	47.64 1.16 0.00	50.78 1.10 0.00	54.27 1.05 0.00	72.28 0.07 0.04	50.90 0.00 0.00	56.71 -1.25 0.00	47.96 -0.97 5.62	40.54 -1.23 8.20	40.23 -1.21 5.18	47.15 -0.17 0.00	46.19 -0.24 0.00	41.91 -0.29 0.00	32.59 -0.14 0.00	25.59 -0.09 0.00
DUNKIRK___3 23565	45.27 0.02 0.00	34.25 -0.65 0.00	30.98 -0.49 0.00	32.94 -0.62 0.00	35.27 -0.53 0.00	36.98 -0.61 0.00	32.17 -0.93 0.00	30.87 -1.03 0.00	36.20 -0.91 0.00	41.62 -0.06 0.00	47.35 0.86 0.00	50.46 0.78 0.00	53.96 0.74 0.00	71.90 -0.32 0.04	50.56 -0.35 0.00	56.36 -1.60 0.00	47.46 -1.23 5.87	39.99 -1.42 8.56	39.80 -1.40 5.41	46.84 -0.48 0.00	45.90 -0.53 0.00	41.72 -0.47 0.00	32.40 -0.33 0.00	25.44 -0.24 0.00
DUNKIRK___4 23566	45.27 0.02 0.00	34.25 -0.65 0.00	30.98 -0.49 0.00	32.94 -0.62 0.00	35.27 -0.53 0.00	36.98 -0.61 0.00	32.17 -0.93 0.00	30.87 -1.03 0.00	36.20 -0.91 0.00	41.62 -0.06 0.00	47.35 0.86 0.00	50.46 0.78 0.00	53.96 0.74 0.00	71.90 -0.32 0.04	50.56 -0.35 0.00	56.36 -1.60 0.00	47.46 -1.23 5.87	39.99 -1.42 8.56	39.80 -1.40 5.41	46.84 -0.48 0.00	45.90 -0.53 0.00	41.72 -0.47 0.00	32.40 -0.33 0.00	25.44 -0.24 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	47.67 2.43 0.00	36.85 1.95 0.00	33.29 1.81 0.00	35.35 1.80 0.00	37.51 1.71 0.00	39.21 1.62 0.00	34.84 1.75 0.00	33.80 1.91 0.00	39.38 2.26 0.00	44.41 2.52 -0.21	49.60 3.11 -0.01	53.06 3.37 -0.02	56.67 3.44 0.00	77.25 4.99 0.00	54.51 3.61 0.00	62.37 4.41 0.00	59.25 4.69 0.00	57.89 4.27 -3.64	50.16 3.54 0.00	50.21 2.89 0.00	48.91 2.48 0.00	44.33 2.14 0.00	34.45 1.72 0.00	27.06 1.38 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	47.38 2.13 0.00	36.58 1.68 0.00	33.03 1.55 0.00	35.12 1.56 0.00	37.30 1.50 0.00	38.98 1.39 0.00	34.56 1.46 0.00	33.48 1.59 0.00	38.96 1.85 0.00	43.74 2.06 0.00	49.04 2.56 0.00	52.52 2.84 0.00	56.19 2.96 0.00	76.63 4.37 0.00	54.09 3.19 0.00	61.92 3.96 0.00	58.78 4.22 0.00	56.28 3.81 -2.49	49.70 3.08 0.00	49.88 2.56 0.00	48.67 2.24 0.00	44.11 1.92 0.00	34.22 1.48 0.00	26.84 1.16 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.11 2.87 0.00	37.17 2.27 0.00	33.57 2.09 0.00	35.52 1.96 0.00	37.77 1.97 0.00	39.46 1.87 0.00	35.16 2.07 0.00	34.15 2.25 0.00	39.78 2.66 0.00	47.27 2.73 -2.86	50.20 3.08 -0.64	53.76 3.68 -0.39	57.04 3.79 -0.02	77.58 5.32 0.00	54.94 4.04 0.00	62.78 4.82 0.00	59.65 5.10 0.00	58.30 4.68 -3.64	50.44 3.83 0.00	50.27 2.95 0.00	49.09 2.66 0.00	44.64 2.45 0.00	34.79 2.06 0.00	27.30 1.62 0.00

E179THST_13_KV_LOAD 356214	48.43 3.18 0.00	37.39 2.50 0.00	33.75 2.28 0.00	35.72 2.17 0.00	37.99 2.18 0.00	39.67 2.08 0.00	35.36 2.27 0.00	34.34 2.45 0.00	40.01 2.89 0.00	47.53 2.99 -2.86	50.53 3.41 -0.64	54.10 4.03 -0.39	57.43 4.19 -0.02	78.09 5.83 0.00	55.32 4.41 0.00	63.19 5.23 0.00	60.07 5.51 0.00	58.67 5.05 -3.64	50.76 4.15 0.00	50.59 3.27 0.00	49.40 2.97 0.00	44.92 2.73 0.00	35.00 2.27 0.00	27.45 1.77 0.00
EAST HAMPTON___GT 23717	28.87 2.07 18.45	36.59 1.69 0.00	33.68 2.20 0.00	35.43 1.88 0.00	37.34 1.54 0.00	38.98 1.38 0.00	35.36 2.26 0.00	34.30 2.41 0.00	40.67 3.56 0.00	45.40 3.86 0.14	51.37 4.95 0.06	52.90 5.16 1.94	39.81 5.15 18.56	52.86 6.81 26.21	53.24 4.78 2.45	63.75 5.79 0.00	60.47 5.91 0.00	58.74 5.13 -3.64	50.15 3.53 0.00	48.92 2.27 0.67	33.95 1.88 14.36	15.45 2.16 28.90	13.95 2.51 21.30	16.98 2.10 10.80
EAST RIVER___6 23660	47.95 2.70 0.00	37.06 2.16 0.00	33.47 2.00 0.00	35.50 1.95 0.00	37.65 1.85 0.00	39.37 1.78 0.00	35.04 1.94 0.00	34.04 2.15 0.00	39.68 2.57 0.00	46.42 2.91 -1.84	50.51 3.55 -0.47	53.78 3.83 -0.27	57.10 3.88 0.00	77.83 5.58 0.00	54.95 4.04 0.00	62.84 4.88 0.00	59.75 5.19 0.00	58.30 4.68 -3.64	50.50 3.88 0.00	50.53 3.21 0.00	49.19 2.76 0.00	44.59 2.41 0.00	34.66 1.93 0.00	27.25 1.57 0.00
EAST RIVER___7 23524	47.95 2.70 0.00	37.06 2.16 0.00	33.47 2.00 0.00	35.50 1.95 0.00	37.65 1.85 0.00	39.37 1.78 0.00	35.04 1.94 0.00	34.04 2.15 0.00	39.68 2.57 0.00	46.42 2.91 -1.84	50.51 3.55 -0.47	53.78 3.83 -0.27	57.10 3.88 0.00	77.83 5.58 0.00	54.95 4.04 0.00	62.84 4.88 0.00	59.75 5.19 0.00	58.30 4.68 -3.64	50.50 3.88 0.00	50.53 3.21 0.00	49.19 2.76 0.00	44.59 2.41 0.00	34.66 1.93 0.00	27.25 1.57 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	47.54 2.29 0.00	36.74 1.84 0.00	33.20 1.72 0.00	35.25 1.70 0.00	37.43 1.62 0.00	39.12 1.53 0.00	34.74 1.65 0.00	33.70 1.81 0.00	39.25 2.14 0.00	44.05 2.37 0.00	49.41 2.92 0.00	52.88 3.20 0.00	56.51 3.28 0.00	77.05 4.80 0.00	54.36 3.46 0.00	62.20 4.24 0.00	59.08 4.52 0.00	57.78 4.13 -3.68	50.02 3.40 0.00	50.10 2.78 0.00	48.81 2.38 0.00	44.23 2.04 0.00	34.35 1.62 0.00	26.98 1.30 0.00
EAST_HAMPTON___DIESEL 23722	28.80 2.00 18.45	36.52 1.62 0.00	33.65 2.18 0.00	35.39 1.84 0.00	37.30 1.50 0.00	38.92 1.33 0.00	35.33 2.24 0.00	34.29 2.39 0.00	40.68 3.56 0.00	45.42 3.88 0.14	51.42 4.99 0.06	52.95 5.20 1.94	39.83 5.16 18.56	52.84 6.79 26.21	53.22 4.76 2.45	63.74 5.78 0.00	60.41 5.85 0.00	58.66 5.05 -3.64	50.03 3.42 0.00	48.79 2.14 0.67	33.84 1.77 14.36	15.36 2.07 28.90	13.95 2.51 21.30	16.98 2.11 10.80
EAST_POINT___SOLAR 323840	48.37 3.13 0.00	37.13 2.23 0.00	33.32 1.84 0.00	35.52 1.97 0.00	37.97 2.17 0.00	39.93 2.34 0.00	34.94 1.85 0.00	33.28 1.39 0.00	39.36 2.25 0.00	43.50 1.82 0.00	46.81 0.32 0.00	50.14 0.46 0.00	53.53 0.31 0.00	72.86 0.60 0.00	51.24 0.33 0.00	60.85 2.89 0.00	57.64 3.08 0.00	51.85 1.87 0.00	47.44 0.82 0.00	49.73 2.41 0.00	49.62 3.18 0.00	45.29 3.10 0.00	35.04 2.31 0.00	27.39 1.71 0.00
EAST_PULASKI___ESR 323781	44.62 -0.63 0.00	34.31 -0.59 0.00	30.95 -0.53 0.00	33.07 -0.48 0.00	35.43 -0.38 0.00	37.23 -0.36 0.00	32.55 -0.55 0.00	31.36 -0.54 0.00	36.62 -0.49 0.00	41.02 -0.66 0.00	45.89 -0.60 -0.01	49.47 -0.33 -0.12	52.75 -0.48 0.00	74.96 -0.96 -3.66	50.10 -0.81 0.00	56.37 -1.59 0.00	52.94 -1.61 0.00	48.71 -1.26 0.00	45.56 -1.06 0.00	46.92 -0.40 0.00	46.24 -0.18 0.00	42.02 -0.17 0.00	32.55 -0.18 0.00	25.39 -0.29 0.00
EAST_RIVER___1 323558	47.95 2.71 0.00	37.07 2.17 0.00	33.48 2.01 0.00	35.51 1.96 0.00	37.67 1.87 0.00	39.39 1.80 0.00	35.06 1.96 0.00	34.06 2.17 0.00	39.71 2.60 0.00	46.40 2.92 -1.80	50.51 3.56 -0.46	53.78 3.84 -0.27	57.11 3.88 0.00	77.83 5.58 0.00	54.94 4.04 0.00	62.84 4.88 0.00	59.75 5.19 0.00	58.30 4.68 -3.64	50.50 3.89 0.00	50.54 3.22 0.00	49.19 2.76 0.00	44.59 2.40 0.00	34.66 1.93 0.00	27.25 1.57 0.00
EAST_RIVER___2 323559	47.95 2.70 0.00	37.06 2.16 0.00	33.47 2.00 0.00	35.50 1.95 0.00	37.65 1.85 0.00	39.37 1.78 0.00	35.04 1.94 0.00	34.04 2.15 0.00	39.68 2.57 0.00	46.42 2.91 -1.84	50.51 3.55 -0.47	53.78 3.83 -0.27	57.10 3.88 0.00	77.83 5.58 0.00	54.95 4.04 0.00	62.84 4.88 0.00	59.75 5.19 0.00	58.30 4.68 -3.64	50.50 3.88 0.00	50.53 3.21 0.00	49.19 2.76 0.00	44.59 2.41 0.00	34.66 1.93 0.00	27.25 1.57 0.00
EAST___DELAWARE_HYD 23607	46.35 1.10 0.00	35.73 0.83 0.00	32.23 0.75 0.00	34.27 0.72 0.00	36.41 0.60 0.00	38.06 0.47 0.00	33.81 0.71 0.00	32.90 1.00 0.00	38.26 1.15 0.00	42.89 1.21 0.00	47.84 1.36 0.00	51.18 1.50 0.00	54.86 1.63 0.00	74.82 2.56 0.00	52.91 2.00 0.00	60.77 2.80 0.00	57.59 3.03 0.00	54.21 2.71 -1.53	48.62 2.00 0.00	48.81 1.49 0.00	47.67 1.24 0.00	43.18 0.99 0.00	33.48 0.75 0.00	26.23 0.55 0.00
EIGHT_POINT___WT_PWR 323820	44.88 -0.37 0.00	34.21 -0.68 0.00	30.47 -1.01 0.00	32.11 -1.45 0.00	35.25 -0.56 0.00	37.32 -0.27 0.00	32.31 -0.78 0.00	30.98 -0.92 0.00	36.15 -0.96 0.00	41.10 -0.58 0.00	46.87 0.38 0.00	50.18 0.50 0.00	53.58 0.36 0.00	70.58 -1.86 -0.18	48.18 -2.73 0.00	54.00 -3.96 0.00	77.33 -3.57 -26.34	85.40 -3.15 -38.58	68.44 -2.58 -24.41	46.02 -1.30 0.00	45.88 -0.55 0.00	41.99 -0.20 0.00	32.61 -0.12 0.00	25.53 -0.15 0.00
ELBRIDGE_115KV_TB2 80188	44.91 -0.34 0.00	34.54 -0.36 0.00	31.14 -0.33 0.00	33.20 -0.35 0.00	35.43 -0.37 0.00	37.10 -0.49 0.00	32.71 -0.38 0.00	31.44 -0.45 0.00	36.53 -0.59 0.00	41.12 -0.56 0.00	46.07 -0.42 0.00	49.40 -0.34 -0.06	52.84 -0.39 0.00	73.50 -0.54 -1.78	50.73 -0.17 0.00	57.32 -0.64 0.00	54.07 -0.49 0.00	49.37 -0.61 0.00	46.09 -0.53 0.00	47.09 -0.23 0.00	46.15 -0.28 0.00	41.88 -0.31 0.00	32.43 -0.31 0.00	25.40 -0.28 0.00
ELEC_TRO_TEK 24086	44.44 2.09 2.90	36.78 1.88 0.00	33.24 1.76 0.00	35.19 1.64 0.00	37.34 1.54 0.00	39.03 1.44 0.00	34.79 1.70 0.00	33.72 1.83 0.00	39.28 2.17 0.00	43.78 2.25 0.14	49.44 2.99 0.04	52.41 3.09 0.35	53.74 3.22 2.70	73.13 4.55 3.68	54.14 3.42 0.18	62.23 4.26 0.00	59.25 4.70 0.00	58.02 4.40 -3.64	50.03 3.42 0.00	49.86 2.54 0.00	46.43 2.15 2.15	39.48 1.82 4.52	30.83 1.44 3.34	25.21 1.15 1.62
ELLENBURG_WT_PWR 323604	44.26 -0.98 0.00	34.29 -0.61 0.00	30.86 -0.61 0.00	32.88 -0.67 0.00	35.21 -0.60 0.00	37.24 -0.35 0.00	32.93 -0.17 0.00	31.75 -0.14 0.00	36.84 -0.27 0.00	41.28 -0.40 0.00	45.59 -0.90 0.00	48.01 -1.67 0.00	52.32 -0.90 0.00	71.12 -1.14 0.00	49.36 -1.55 0.00	56.18 -1.79 0.00	53.12 -1.44 0.00	48.54 -1.43 0.00	45.56 -1.06 0.00	46.30 -1.02 0.00	45.65 -0.78 0.00	41.53 -0.66 0.00	32.37 -0.36 0.00	25.60 -0.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.05 -0.20 0.00	34.26 -0.64 0.00	30.76 -0.72 0.00	32.64 -0.92 0.00	34.98 -0.82 0.00	36.75 -0.84 0.00	31.89 -1.21 0.00	30.62 -1.27 0.00	35.95 -1.16 0.00	41.24 -0.44 0.00	47.03 0.55 0.00	50.08 0.39 0.00	53.60 0.38 0.00	71.25 -0.97 0.05	49.91 -0.99 0.00	55.63 -2.33 0.00	46.36 -1.84 6.36	38.90 -1.80 9.28	38.94 -1.82 5.86	46.16 -1.16 0.00	45.37 -1.06 0.00	41.41 -0.78 0.00	32.11 -0.62 0.00	25.22 -0.46 0.00
EMPIRE_CC_1 323656	45.52 0.28 0.00	35.46 0.56 0.00	32.21 0.73 0.00	34.51 0.96 0.00	36.46 0.66 0.00	38.12 0.53 0.00	33.70 0.61 0.00	32.49 0.60 0.00	37.63 0.52 0.00	42.11 0.44 0.00	46.87 0.38 0.00	50.05 0.37 0.00	53.61 0.39 0.00	73.21 0.96 0.00	51.39 0.49 0.00	58.95 0.99 0.00	55.68 1.13 0.00	52.00 1.17 -0.85	47.57 0.96 0.00	47.91 0.59 0.00	46.93 0.50 0.00	42.57 0.38 0.00	33.04 0.30 0.00	26.03 0.35 0.00
EMPIRE_CC_2 323658	45.52 0.28 0.00	35.46 0.56 0.00	32.21 0.73 0.00	34.51 0.96 0.00	36.46 0.66 0.00	38.12 0.53 0.00	33.70 0.61 0.00	32.49 0.60 0.00	37.63 0.52 0.00	42.11 0.44 0.00	46.87 0.38 0.00	50.05 0.37 0.00	53.61 0.39 0.00	73.21 0.96 0.00	51.39 0.49 0.00	58.95 0.99 0.00	55.68 1.13 0.00	52.00 1.17 -0.85	47.57 0.96 0.00	47.91 0.59 0.00	46.93 0.50 0.00	42.57 0.38 0.00	33.04 0.30 0.00	26.03 0.35 0.00
ENORWICH_115KV_TB1 80156	48.15 2.90 0.00	36.93 2.03 0.00	33.24 1.77 0.00	35.41 1.86 0.00	37.86 2.06 0.00	39.73 2.14 0.00	34.90 1.80 0.00	33.76 1.87 0.00	39.23 2.11 0.00	44.14 2.46 0.00	49.19 2.70 0.00	52.48 2.80 0.00	56.37 3.15 0.00	76.69 4.42 -0.01	54.91 4.01 0.00	62.00 4.03 0.00	58.16 3.60 0.00	52.82 2.77 -0.08	49.27 2.65 0.00	50.37 3.05 0.00	49.45 3.02 0.00	44.49 2.30 0.00	34.31 1.58 0.00	27.01 1.34 0.00
ERIE_ST__34_KV_TB1-2 80199	45.30 0.05 0.00	34.43 -0.47 0.00	30.88 -0.60 0.00	32.76 -0.80 0.00	35.10 -0.70 0.00	36.86 -0.73 0.00	32.05 -1.04 0.00	30.81 -1.08 0.00	36.19 -0.92 0.00	41.54 -0.14 0.00	47.36 0.88 0.00	50.44 0.76 0.00	54.05 0.83 0.00	71.90 -0.31 0.05	50.38 -0.52 0.00	56.23 -1.73 0.00	47.00 -1.15 6.40	39.46 -1.18 9.34	39.45 -1.27 5.90	46.72 -0.60 0.00	45.83 -0.60 0.00	41.74 -0.45 0.00	32.30 -0.43 0.00	25.33 -0.34 0.00
ERIE_WT_PWR 323693	45.21 -0.04 0.00	34.34 -0.56 0.00	30.78 -0.69 0.00	32.72 -0.83 0.00	35.08 -0.72 0.00	36.87 -0.72 0.00	32.01 -1.09 0.00	30.74 -1.16 0.00	36.06 -1.06 0.00	41.41 -0.27 0.00	47.18 0.70 0.00	50.26 0.57 0.00	53.80 0.58 0.00	71.49 -0.72 0.05	50.07 -0.83 0.00	55.78 -2.18 0.00	45.64 -1.66 7.25	37.80 -1.61 10.57	38.34 -1.60 6.68	46.40 -0.92 0.00	45.63 -0.80 0.00	41.62 -0.57 0.00	32.26 -0.47 0.00	25.32 -0.36 0.00
ESPRGFLD_115KV_TB1 80157	47.60 2.35 0.00	36.45 1.55 0.00	32.68 1.21 0.00	34.85 1.30 0.00	37.30 1.49 0.00	39.22 1.63 0.00	34.37 1.28 0.00	33.03 1.13 0.00	38.79 1.68 0.00	43.68 2.00 0.00	48.61 2.13 0.00	52.08 2.39 0.00	55.78 2.56 0.00	75.46 3.21 0.00	53.34 2.44 0.00	60.64 2.68 0.00	56.83 2.28 0.00	51.67 1.70 0.00	48.11 1.50 0.00	49.38 2.06 0.00	48.61 2.18 0.00	44.33 2.14 0.00	34.31 1.58 0.00	26.87 1.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	46.05 0.80 0.00	35.34 0.44 0.00	31.86 0.38 0.00	33.95 0.40 0.00	36.28 0.48 0.00	38.00 0.41 0.00	33.48 0.38 0.00	32.18 0.29 0.00	37.28 0.17 0.00	41.90 0.22 0.00	46.89 0.41 0.00	50.27 0.59 0.00	53.90 0.68 0.00	73.19 0.91 -0.02	52.12 1.22 0.00	58.82 0.85 0.00	55.15 0.59 0.00	50.30 0.33 0.00	47.06 0.45 0.00	48.24 0.92 0.00	47.32 0.89 0.00	42.87 0.68 0.00	33.16 0.43 0.00	25.96 0.29 0.00
ETNA____115KV_TB2 80207	46.05 0.80 0.00	35.34 0.44 0.00	31.86 0.38 0.00	33.95 0.40 0.00	36.28 0.48 0.00	38.00 0.41 0.00	33.48 0.38 0.00	32.18 0.29 0.00	37.28 0.17 0.00	41.90 0.22 0.00	46.89 0.41 0.00	50.27 0.59 0.00	53.90 0.68 0.00	73.19 0.91 -0.02	52.12 1.22 0.00	58.82 0.85 0.00	55.15 0.59 0.00	50.30 0.33 0.00	47.06 0.45 0.00	48.24 0.92 0.00	47.32 0.89 0.00	42.87 0.68 0.00	33.16 0.43 0.00	25.96 0.29 0.00
EUCLID__115KV_TB2 356179	44.71 -0.54 0.00	34.40 -0.50 0.00	31.01 -0.47 0.00	33.06 -0.49 0.00	35.29 -0.51 0.00	36.98 -0.61 0.00	32.54 -0.55 0.00	31.34 -0.55 0.00	36.45 -0.66 0.00	41.04 -0.64 0.00	45.96 -0.52 0.00	49.26 -0.44 -0.03	52.71 -0.51 0.00	72.32 -0.78 -0.84	50.49 -0.42 0.00	57.15 -0.81 0.00	53.86 -0.70 0.00	49.28 -0.69 0.00	45.96 -0.66 0.00	46.82 -0.50 0.00	45.89 -0.54 0.00	41.65 -0.54 0.00	32.26 -0.47 0.00	25.27 -0.40 0.00
E_CANADA_CAP_HY 24051	47.95 2.70 0.00	36.78 1.88 0.00	32.94 1.47 0.00	35.10 1.55 0.00	37.56 1.76 0.00	39.54 1.95 0.00	34.58 1.48 0.00	33.11 1.22 0.00	39.01 1.90 0.00	43.84 2.16 0.00	48.17 1.69 0.00	51.52 1.85 0.00	55.15 1.93 0.00	74.56 2.30 0.00	52.44 1.54 0.00	60.38 2.41 0.00	56.88 2.33 0.00	51.58 1.61 0.00	47.88 1.26 0.00	49.45 2.12 0.00	48.95 2.52 0.00	44.78 2.59 0.00	34.68 1.95 0.00	27.14 1.46 0.00
E_CANADA_MHWK_HY 24050	45.92 0.68 0.00	35.56 0.66 0.00	32.31 0.83 0.00	34.55 1.00 0.00	36.64 0.83 0.00	38.19 0.60 0.00	33.72 0.63 0.00	32.32 0.43 0.00	37.61 0.50 0.00	42.21 0.53 0.00	45.77 -0.72 0.00	48.65 -1.03 0.00	52.15 -1.07 0.00	71.39 -0.87 0.00	50.20 -0.71 0.00	59.02 1.06 0.00	55.91 1.36 0.00	50.70 0.73 0.00	46.83 0.21 0.00	47.80 0.48 0.00	47.06 0.63 0.00	42.83 0.64 0.00	33.10 0.37 0.00	25.97 0.29 0.00
E_FISHKILL__LBMP 23776	47.08 1.83 0.00	36.44 1.54 0.00	32.93 1.45 0.00	35.03 1.48 0.00	37.17 1.37 0.00	38.86 1.26 0.00	34.47 1.37 0.00	33.38 1.49 0.00	38.83 1.72 0.00	43.54 1.86 0.00	48.76 2.28 0.00	52.19 2.51 0.00	55.81 2.58 0.00	76.13 3.87 0.00	53.68 2.78 0.00	61.42 3.46 0.00	58.28 3.72 0.00	56.63 3.40 -3.26	49.42 2.80 0.00	49.57 2.25 0.00	48.35 1.92 0.00	43.84 1.65 0.00	34.03 1.30 0.00	26.73 1.06 0.00
FALCON__SEABRD_CC1 323796	44.36 -0.89 0.00	34.40 -0.50 0.00	30.98 -0.50 0.00	33.01 -0.55 0.00	35.28 -0.52 0.00	37.29 -0.30 0.00	33.05 -0.04 0.00	31.92 0.03 0.00	36.98 -0.14 0.00	41.37 -0.31 0.00	45.65 -0.84 0.00	47.76 -1.92 0.00	52.11 -1.12 0.00	71.00 -1.26 0.00	48.91 -2.00 0.00	55.41 -2.56 0.00	52.45 -2.11 0.00	47.90 -2.08 0.00	44.93 -1.69 0.00	45.60 -1.72 0.00	44.99 -1.44 0.00	41.00 -1.19 0.00	32.10 -0.64 0.00	25.60 -0.07 0.00
FALCON__SEABRD_CC2 323797	44.36 -0.89 0.00	34.40 -0.50 0.00	30.98 -0.50 0.00	33.01 -0.55 0.00	35.28 -0.52 0.00	37.29 -0.30 0.00	33.05 -0.04 0.00	31.92 0.03 0.00	36.98 -0.14 0.00	41.37 -0.31 0.00	45.65 -0.84 0.00	47.76 -1.92 0.00	52.11 -1.12 0.00	71.00 -1.26 0.00	48.91 -2.00 0.00	55.41 -2.56 0.00	52.45 -2.11 0.00	47.90 -2.08 0.00	44.93 -1.69 0.00	45.60 -1.72 0.00	44.99 -1.44 0.00	41.00 -1.19 0.00	32.10 -0.64 0.00	25.60 -0.07 0.00

FAR ROCKAWAY___4 23548	48.11 2.86 0.00	37.33 2.43 0.00	33.72 2.25 0.00	35.69 2.14 0.00	37.87 2.07 0.00	39.60 2.01 0.00	35.29 2.19 0.00	34.23 2.34 0.00	39.90 2.79 0.00	44.55 3.01 0.14	50.38 3.93 0.04	53.80 4.16 0.04	59.85 4.44 -2.18	81.59 5.87 -3.46	56.09 4.10 -1.08	63.32 5.36 0.00	60.34 5.79 0.00	58.83 5.21 -3.64	50.60 3.98 0.00	50.35 3.02 0.00	49.84 2.57 -0.84	44.53 2.17 -0.18	34.67 1.90 -0.04	27.88 1.60 -0.61
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	47.91 2.66 0.00	37.03 2.13 0.00	33.44 1.97 0.00	35.47 1.92 0.00	37.64 1.83 0.00	39.36 1.76 0.00	35.02 1.93 0.00	34.01 2.12 0.00	39.65 2.54 0.00	46.43 2.86 -1.89	50.45 3.48 -0.48	53.70 3.74 -0.28	57.04 3.81 0.00	77.89 5.63 0.00	54.97 4.07 0.00	62.88 4.91 0.00	59.78 5.22 0.00	58.33 4.71 -3.64	50.54 3.93 0.00	50.56 3.24 0.00	49.22 2.79 0.00	44.62 2.43 0.00	34.69 1.96 0.00	27.27 1.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.00 2.75 0.00	37.10 2.20 0.00	33.51 2.03 0.00	35.54 1.99 0.00	37.71 1.91 0.00	39.43 1.84 0.00	35.09 1.99 0.00	34.09 2.19 0.00	39.73 2.61 0.00	46.52 2.96 -1.89	50.56 3.59 -0.48	53.82 3.86 -0.28	57.13 3.91 0.00	77.89 5.63 0.00	54.98 4.07 0.00	62.88 4.92 0.00	59.78 5.22 0.00	58.33 4.71 -3.64	50.55 3.94 0.00	50.58 3.26 0.00	49.24 2.81 0.00	44.65 2.46 0.00	34.69 1.96 0.00	27.28 1.60 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	47.94 2.69 0.00	37.05 2.16 0.00	33.47 2.00 0.00	35.50 1.94 0.00	37.67 1.87 0.00	39.39 1.80 0.00	35.06 1.96 0.00	34.06 2.17 0.00	39.69 2.58 0.00	46.48 2.92 -1.89	50.51 3.55 -0.48	53.77 3.81 -0.28	57.08 3.86 0.00	77.79 5.54 0.00	54.92 4.01 0.00	62.82 4.85 0.00	59.71 5.16 0.00	58.27 4.65 -3.64	50.49 3.88 0.00	50.51 3.19 0.00	49.17 2.74 0.00	44.57 2.38 0.00	34.65 1.92 0.00	27.24 1.57 0.00
FARRAGUT___LBMP 323566	47.91 2.66 0.00	37.03 2.13 0.00	33.44 1.97 0.00	35.47 1.92 0.00	37.64 1.83 0.00	39.36 1.76 0.00	35.02 1.93 0.00	34.01 2.12 0.00	39.65 2.54 0.00	46.43 2.86 -1.89	50.45 3.48 -0.48	53.70 3.74 -0.28	57.02 3.79 0.00	77.69 5.43 0.00	54.84 3.94 0.00	62.73 4.77 0.00	59.64 5.09 0.00	58.20 4.58 -3.64	50.44 3.83 0.00	50.46 3.14 0.00	49.13 2.70 0.00	44.54 2.35 0.00	34.62 1.89 0.00	27.22 1.55 0.00
FENNER___WINDPWR 24204	46.00 0.75 0.00	35.35 0.45 0.00	31.90 0.42 0.00	34.05 0.49 0.00	36.36 0.56 0.00	38.08 0.49 0.00	33.51 0.42 0.00	32.39 0.49 0.00	37.70 0.58 0.00	42.11 0.43 0.00	47.00 0.51 0.00	50.53 0.85 0.00	54.11 0.89 0.00	73.42 1.16 0.00	52.15 1.24 0.00	59.01 1.05 0.00	55.22 0.67 0.00	50.43 0.45 0.00	47.07 0.45 0.00	48.23 0.92 0.00	47.41 0.98 0.00	43.01 0.82 0.00	33.34 0.60 0.00	26.08 0.40 0.00
FIBERTEK___ENERGY 23856	45.12 -0.13 0.00	34.68 -0.22 0.00	31.26 -0.21 0.00	33.33 -0.22 0.00	35.59 -0.21 0.00	37.30 -0.30 0.00	32.86 -0.23 0.00	31.61 -0.28 0.00	36.73 -0.39 0.00	41.34 -0.34 0.00	46.33 -0.15 0.00	49.68 -0.05 -0.06	53.15 -0.07 0.00	73.90 -0.11 -1.75	51.04 0.13 0.00	57.68 -0.29 0.00	54.39 -0.16 0.00	49.70 -0.27 0.00	46.39 -0.22 0.00	47.36 0.04 0.00	46.39 -0.04 0.00	42.09 -0.10 0.00	32.58 -0.15 0.00	25.52 -0.16 0.00
FITZPATRICK___ 23598	43.97 -1.28 0.00	33.85 -1.05 0.00	30.53 -0.94 0.00	32.55 -1.00 0.00	34.73 -1.07 0.00	36.41 -1.19 0.00	32.05 -1.05 0.00	30.86 -1.03 0.00	35.91 -1.20 0.00	40.41 -1.27 0.00	45.15 -1.30 0.03	47.83 -1.32 0.53	51.78 -1.45 0.00	53.84 -2.07 16.34	49.55 -1.36 0.00	56.18 -1.79 0.00	52.93 -1.62 0.00	48.45 -1.52 0.00	45.19 -1.43 0.00	46.01 -1.31 0.00	45.11 -1.31 0.00	40.97 -1.22 0.00	31.76 -0.97 0.00	24.90 -0.77 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.85 2.60 0.00	36.97 2.06 0.00	33.37 1.90 0.00	35.49 1.94 0.00	37.66 1.86 0.00	39.35 1.76 0.00	34.91 1.81 0.00	33.82 1.93 0.00	39.37 2.26 0.00	44.21 2.53 0.00	49.59 3.11 0.00	53.12 3.44 0.00	56.87 3.65 0.00	77.60 5.35 0.00	54.78 3.87 0.00	62.78 4.82 0.00	59.57 5.01 0.00	57.28 4.46 -2.85	50.26 3.65 0.00	50.39 3.07 0.00	49.15 2.72 0.00	44.53 2.34 0.00	34.52 1.78 0.00	27.08 1.40 0.00
FORT ORANGE___ 23900	45.26 0.01 0.00	35.19 0.29 0.00	31.98 0.50 0.00	34.20 0.64 0.00	36.23 0.43 0.00	37.86 0.27 0.00	33.51 0.42 0.00	32.31 0.42 0.00	37.37 0.26 0.00	41.83 0.15 0.00	46.73 0.24 0.00	49.74 0.06 0.00	53.28 0.05 0.00	72.76 0.51 0.00	51.18 0.27 0.00	58.74 0.78 0.00	55.60 1.05 0.00	51.48 1.07 -0.44	47.40 0.79 0.00	47.68 0.36 0.00	46.76 0.33 0.00	42.48 0.29 0.00	32.92 0.19 0.00	26.06 0.38 0.00
FORT_DRUM_COGEN 23780	44.97 -0.28 0.00	34.53 -0.37 0.00	31.23 -0.25 0.00	33.55 0.00 0.00	36.28 0.47 0.00	38.41 0.82 0.00	32.97 -0.12 0.00	31.83 -0.06 0.00	37.69 0.58 0.00	41.60 -0.08 0.00	46.48 -0.01 0.00	50.75 1.02 -0.06	54.11 0.89 0.00	74.60 0.63 -1.71	50.80 -0.11 0.00	56.35 -1.61 0.00	52.41 -2.15 0.00	49.04 -0.93 0.00	46.12 -0.49 0.00	48.71 1.39 0.00	48.75 2.32 0.00	44.38 2.18 0.00	34.01 1.28 0.00	26.12 0.45 0.00
FOX_HILLS___ESR 323835	48.25 3.01 0.00	37.24 2.34 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.01 0.00	39.53 1.94 0.00	35.17 2.07 0.00	34.13 2.24 0.00	39.70 2.59 0.00	42.02 2.56 2.22	49.70 2.89 -0.32	53.04 3.33 -0.03	56.25 3.35 0.33	77.08 4.82 0.00	54.68 3.78 0.00	62.40 4.43 0.00	59.39 4.83 0.00	57.98 4.36 -3.64	50.40 3.79 0.00	50.40 3.08 0.00	49.25 2.81 -0.01	44.76 2.57 0.00	34.81 2.08 0.00	27.26 1.59 0.00
FPL_FAR_ROCK_GT1 24212	48.09 2.85 0.00	37.33 2.43 0.00	33.72 2.25 0.00	35.69 2.14 0.00	37.87 2.07 0.00	39.59 2.00 0.00	35.29 2.19 0.00	34.23 2.34 0.00	39.90 2.79 0.00	44.54 3.00 0.14	50.38 3.94 0.04	53.79 4.15 0.04	59.76 4.35 -2.18	81.55 5.83 -3.46	56.08 4.09 -1.08	63.32 5.36 0.00	60.34 5.79 0.00	58.82 5.21 -3.64	50.59 3.98 0.00	50.34 3.02 0.00	49.80 2.53 -0.84	44.51 2.14 -0.18	34.65 1.88 -0.04	27.86 1.57 -0.61
FPL_FAR_ROCK_GT2 23815	48.09 2.85 0.00	37.33 2.43 0.00	33.72 2.25 0.00	35.69 2.14 0.00	37.87 2.07 0.00	39.59 2.00 0.00	35.29 2.19 0.00	34.23 2.34 0.00	39.90 2.79 0.00	44.54 3.00 0.14	50.38 3.94 0.04	53.79 4.15 0.04	59.76 4.35 -2.18	81.55 5.83 -3.46	56.08 4.09 -1.08	63.32 5.36 0.00	60.34 5.79 0.00	58.82 5.21 -3.64	50.59 3.98 0.00	50.34 3.02 0.00	49.80 2.53 -0.84	44.51 2.14 -0.18	34.65 1.88 -0.04	27.86 1.57 -0.61
FRANKLIN_FALL_HYD 24054	44.98 -0.26 0.00	34.74 -0.15 0.00	31.23 -0.25 0.00	33.24 -0.31 0.00	35.62 -0.18 0.00	37.72 0.12 0.00	33.32 0.22 0.00	32.18 0.29 0.00	37.45 0.33 0.00	41.97 0.29 0.00	46.40 0.29 -0.08	49.10 -0.58 0.00	53.17 -0.05 0.00	71.74 -0.52 0.00	49.90 -1.01 0.00	56.89 -1.07 0.00	53.72 -0.83 0.00	49.24 -0.74 0.00	46.09 -0.52 0.00	47.00 -0.32 0.00	46.45 0.02 0.00	42.37 0.18 0.00	33.03 0.30 0.00	25.99 0.31 0.00

FREEPORT_EQUS_GT1 23764	38.10 2.34 9.49	36.97 2.08 0.00	33.41 1.93 0.00	35.33 1.78 0.00	37.49 1.69 0.00	39.19 1.60 0.00	34.96 1.86 0.00	33.89 2.00 0.00	39.50 2.39 0.00	44.01 2.47 0.14	49.73 3.28 0.04	52.23 3.39 0.84	48.07 3.50 8.64	65.01 4.77 12.02	53.95 3.63 0.59	62.53 4.56 0.00	59.59 5.04 0.00	58.39 4.78 -3.64	50.36 3.74 0.00	50.12 2.80 0.00	41.71 2.32 7.04	29.47 2.06 14.78	23.41 1.61 10.93	21.63 1.26 5.31
FREEPORT___CT2 23818	38.10 2.34 9.49	36.97 2.08 0.00	33.41 1.93 0.00	35.33 1.78 0.00	37.49 1.69 0.00	39.19 1.60 0.00	34.96 1.86 0.00	33.89 2.00 0.00	39.50 2.39 0.00	44.01 2.47 0.14	49.73 3.28 0.04	52.23 3.39 0.84	48.07 3.50 8.64	65.01 4.77 12.02	53.95 3.63 0.59	62.53 4.56 0.00	59.59 5.04 0.00	58.39 4.78 -3.64	50.36 3.74 0.00	50.12 2.80 0.00	41.71 2.32 7.04	29.47 2.06 14.78	23.41 1.61 10.93	21.63 1.26 5.31
FRESHKLS_33_KV_LOAD 356253	48.42 3.17 0.00	37.36 2.46 0.00	33.71 2.24 0.00	35.70 2.14 0.00	37.94 2.14 0.00	39.66 2.07 0.00	35.28 2.18 0.00	34.21 2.32 0.00	39.75 2.64 0.00	42.36 2.52 1.84	49.63 2.82 -0.34	51.79 3.22 1.11	56.12 3.24 0.34	76.97 4.71 0.00	54.66 3.76 0.00	62.33 4.37 0.00	59.34 4.79 0.00	57.99 4.38 -3.64	50.52 3.91 0.00	50.57 3.25 0.00	49.43 2.99 -0.01	44.89 2.70 0.00	34.90 2.17 0.00	27.31 1.64 0.00
FULTON COGEN____ 23766	44.53 -0.72 0.00	34.25 -0.65 0.00	30.88 -0.60 0.00	32.93 -0.62 0.00	35.15 -0.65 0.00	36.84 -0.75 0.00	32.43 -0.66 0.00	31.23 -0.67 0.00	36.31 -0.80 0.00	40.86 -0.82 0.00	45.79 -0.71 -0.01	49.12 -0.71 -0.14	52.42 -0.80 0.00	75.51 -1.13 -4.38	50.11 -0.79 0.00	56.77 -1.20 0.00	53.52 -1.04 0.00	49.02 -0.95 0.00	45.73 -0.88 0.00	46.65 -0.67 0.00	45.71 -0.72 0.00	41.48 -0.71 0.00	32.15 -0.58 0.00	25.19 -0.49 0.00
FULTON___LFGE 323630	48.00 2.75 0.00	36.90 2.00 0.00	33.16 1.68 0.00	35.36 1.81 0.00	37.74 1.93 0.00	39.65 2.05 0.00	34.75 1.66 0.00	33.28 1.39 0.00	39.16 2.04 0.00	43.92 2.24 0.00	47.26 0.78 0.00	50.46 0.78 0.00	53.99 0.77 0.00	73.22 0.96 0.00	51.56 0.66 0.00	60.44 2.48 0.00	57.43 2.87 0.00	51.92 1.95 0.00	48.04 1.42 0.00	49.74 2.42 0.00	49.27 2.84 0.00	44.91 2.72 0.00	34.75 2.02 0.00	27.19 1.51 0.00
G.F.CEMENT___DRP 24184	47.34 2.10 0.00	36.81 1.91 0.00	33.23 1.76 0.00	35.50 1.95 0.00	37.63 1.82 0.00	39.44 1.85 0.00	34.83 1.74 0.00	33.55 1.66 0.00	38.93 1.82 0.00	43.83 2.15 0.00	48.24 1.75 0.00	51.18 1.50 0.00	54.64 1.42 0.00	74.57 2.31 0.00	52.44 1.53 0.00	60.43 2.46 0.00	57.43 2.88 0.00	52.97 2.66 -0.33	49.26 2.65 0.00	49.82 2.50 0.00	48.77 2.34 0.00	44.17 1.98 0.00	34.15 1.42 0.00	26.74 1.06 0.00
GARDENVILLE___LBMP 24039	45.00 -0.25 0.00	34.23 -0.67 0.00	30.64 -0.83 0.00	32.55 -1.00 0.00	34.99 -0.81 0.00	36.76 -0.83 0.00	31.89 -1.21 0.00	30.61 -1.28 0.00	35.93 -1.18 0.00	41.18 -0.50 0.00	46.97 0.48 0.00	50.01 0.33 0.00	53.48 0.25 0.00	70.92 -1.23 0.11	49.66 -1.24 0.00	55.35 -2.62 0.00	37.53 -2.10 14.92	26.19 -2.01 21.77	30.93 -1.94 13.75	46.13 -1.18 0.00	45.43 -1.00 0.00	41.47 -0.72 0.00	32.14 -0.59 0.00	25.25 -0.43 0.00
GARDNVLA_35_KV_LD 355827	45.28 0.03 0.00	34.42 -0.48 0.00	30.85 -0.63 0.00	32.76 -0.80 0.00	35.13 -0.67 0.00	36.91 -0.68 0.00	32.03 -1.07 0.00	30.76 -1.13 0.00	36.12 -0.99 0.00	41.45 -0.23 0.00	47.29 0.80 0.00	50.37 0.70 0.00	53.92 0.69 0.00	71.66 -0.54 0.05	50.20 -0.70 0.00	55.97 -2.00 0.00	46.21 -1.50 6.85	38.48 -1.49 10.00	38.79 -1.52 6.31	46.53 -0.79 0.00	45.72 -0.70 0.00	41.70 -0.49 0.00	32.30 -0.43 0.00	25.35 -0.33 0.00
GELCKHM___115KV_LOAD 80723	44.86 -0.39 0.00	34.49 -0.40 0.00	31.10 -0.38 0.00	33.15 -0.40 0.00	35.40 -0.41 0.00	37.09 -0.50 0.00	32.67 -0.43 0.00	31.44 -0.46 0.00	36.54 -0.57 0.00	41.14 -0.54 0.00	46.10 -0.38 0.00	49.43 -0.29 -0.04	52.86 -0.36 0.00	72.97 -0.52 -1.24	50.70 -0.21 0.00	57.34 -0.62 0.00	54.06 -0.50 0.00	49.43 -0.54 0.00	46.12 -0.49 0.00	47.02 -0.30 0.00	46.08 -0.35 0.00	41.82 -0.37 0.00	32.38 -0.35 0.00	25.36 -0.31 0.00
GENERAL___MILLS 23808	45.19 -0.06 0.00	34.35 -0.55 0.00	30.80 -0.68 0.00	32.71 -0.84 0.00	35.09 -0.72 0.00	36.85 -0.74 0.00	31.98 -1.11 0.00	30.72 -1.17 0.00	36.06 -1.05 0.00	41.37 -0.31 0.00	47.18 0.70 0.00	50.24 0.56 0.00	53.77 0.55 0.00	71.45 -0.75 0.05	50.06 -0.85 0.00	55.80 -2.16 0.00	45.65 -1.66 7.25	37.76 -1.64 10.57	38.29 -1.65 6.68	46.39 -0.93 0.00	45.59 -0.83 0.00	41.59 -0.60 0.00	32.23 -0.50 0.00	25.30 -0.37 0.00
GE_PLASTICS___DRP 24183	45.32 0.07 0.00	35.31 0.41 0.00	32.11 0.63 0.00	34.33 0.78 0.00	36.42 0.61 0.00	38.07 0.48 0.00	33.65 0.56 0.00	32.44 0.55 0.00	37.61 0.50 0.00	42.13 0.45 0.00	47.02 0.54 0.00	50.20 0.52 0.00	53.77 0.55 0.00	73.35 1.09 0.00	51.62 0.71 0.00	59.10 1.14 0.00	55.83 1.27 0.00	51.53 1.20 -0.35	47.57 0.96 0.00	47.98 0.66 0.00	46.99 0.56 0.00	42.64 0.45 0.00	33.07 0.34 0.00	26.03 0.35 0.00
GILBOA___1 23756	46.02 0.77 0.00	35.63 0.73 0.00	32.35 0.87 0.00	34.83 1.28 0.00	37.01 1.21 0.00	38.60 1.01 0.00	33.98 0.89 0.00	32.58 0.69 0.00	37.86 0.74 0.00	42.49 0.81 0.00	47.47 0.99 0.00	50.75 1.07 0.00	54.33 1.10 0.00	73.99 1.73 0.00	52.14 1.24 0.00	59.50 1.54 0.00	55.91 1.35 0.00	50.73 1.14 0.39	47.65 1.03 0.00	48.22 0.90 0.00	47.22 0.79 0.00	42.94 0.75 0.00	33.30 0.57 0.00	26.16 0.49 0.00
GILBOA___2 23757	46.02 0.77 0.00	35.63 0.73 0.00	32.35 0.87 0.00	34.83 1.28 0.00	37.01 1.21 0.00	38.60 1.01 0.00	33.98 0.89 0.00	32.58 0.69 0.00	37.86 0.74 0.00	42.49 0.81 0.00	47.47 0.99 0.00	50.75 1.07 0.00	54.33 1.10 0.00	73.99 1.73 0.00	52.14 1.24 0.00	59.50 1.54 0.00	55.91 1.35 0.00	50.73 1.14 0.39	47.65 1.03 0.00	48.22 0.90 0.00	47.22 0.79 0.00	42.94 0.75 0.00	33.30 0.57 0.00	26.16 0.49 0.00
GILBOA___3 23758	46.02 0.77 0.00	35.63 0.73 0.00	32.35 0.87 0.00	34.83 1.28 0.00	37.01 1.21 0.00	38.60 1.01 0.00	33.98 0.89 0.00	32.58 0.69 0.00	37.86 0.74 0.00	42.49 0.81 0.00	47.47 0.99 0.00	50.75 1.07 0.00	54.33 1.10 0.00	73.99 1.73 0.00	52.14 1.24 0.00	59.50 1.54 0.00	55.91 1.35 0.00	50.73 1.14 0.39	47.65 1.03 0.00	48.22 0.90 0.00	47.22 0.79 0.00	42.94 0.75 0.00	33.30 0.57 0.00	26.16 0.49 0.00
GILBOA___4 23759	46.02 0.77 0.00	35.63 0.73 0.00	32.35 0.87 0.00	34.83 1.28 0.00	37.01 1.21 0.00	38.60 1.01 0.00	33.98 0.89 0.00	32.58 0.69 0.00	37.86 0.74 0.00	42.49 0.81 0.00	47.47 0.99 0.00	50.75 1.07 0.00	54.33 1.10 0.00	73.99 1.73 0.00	52.14 1.24 0.00	59.50 1.54 0.00	55.91 1.35 0.00	50.73 1.14 0.39	47.65 1.03 0.00	48.22 0.90 0.00	47.22 0.79 0.00	42.94 0.75 0.00	33.30 0.57 0.00	26.16 0.49 0.00

GILBOA____ 23599	46.02 0.77 0.00	35.63 0.73 0.00	32.35 0.88 0.00	34.83 1.28 0.00	37.01 1.21 0.00	38.60 1.01 0.00	33.98 0.89 0.00	32.58 0.69 0.00	37.86 0.75 0.00	42.50 0.82 0.00	47.47 0.99 0.00	50.75 1.07 0.00	54.34 1.11 0.00	74.02 1.76 0.00	52.14 1.24 0.00	59.51 1.54 0.00	55.91 1.36 0.00	50.73 1.15 0.39	47.66 1.05 0.00	48.22 0.90 0.00	47.22 0.79 0.00	42.94 0.75 0.00	33.30 0.57 0.00	26.16 0.49 0.00
GINNA____ 23603	43.61 -1.64 0.00	33.38 -1.52 0.00	29.99 -1.49 0.00	31.85 -1.70 0.00	34.04 -1.76 0.00	35.74 -1.85 0.00	31.28 -1.81 0.00	30.11 -1.79 0.00	35.22 -1.89 0.00	40.03 -1.65 0.00	45.22 -1.26 0.00	48.36 -1.32 0.00	51.77 -1.45 0.00	69.70 -2.56 0.00	48.93 -1.97 0.00	55.06 -2.90 0.00	52.04 -2.51 0.00	47.67 -2.30 0.00	44.42 -2.20 0.00	45.43 -1.89 0.00	44.53 -1.90 0.00	40.45 -1.74 0.00	31.27 -1.46 0.00	24.49 -1.18 0.00
GLEN PARK____ 23778	45.21 -0.04 0.00	34.69 -0.21 0.00	31.36 -0.12 0.00	33.69 0.14 0.00	36.43 0.63 0.00	38.58 0.98 0.00	33.12 0.03 0.00	31.96 0.07 0.00	37.79 0.68 0.00	41.79 0.11 0.00	46.73 0.24 0.00	50.89 1.15 -0.06	54.22 0.99 0.00	74.76 0.70 -1.80	50.75 -0.15 0.00	56.26 -1.70 0.00	52.36 -2.20 0.00	49.09 -0.89 0.00	46.20 -0.42 0.00	48.82 1.50 0.00	49.00 2.57 0.00	44.60 2.41 0.00	34.17 1.44 0.00	26.24 0.56 0.00
GLENDALE_27_KV_LOAD 356172	48.29 3.05 0.00	37.29 2.39 0.00	33.68 2.21 0.00	35.65 2.10 0.00	37.87 2.07 0.00	39.59 2.00 0.00	35.28 2.19 0.00	34.28 2.39 0.00	39.99 2.88 0.00	50.57 3.07 -5.82	50.83 3.57 -0.78	54.33 4.05 -0.60	57.42 4.08 -0.11	77.91 5.66 0.00	55.17 4.26 0.00	63.04 5.07 0.00	59.91 5.35 0.00	58.49 4.88 -3.64	50.69 4.08 0.00	50.48 3.16 0.00	49.20 2.77 0.00	44.74 2.55 0.00	34.86 2.13 0.00	27.40 1.72 0.00
GLENWOOD_IC_1_G5 23712	42.05 2.46 5.66	36.98 2.08 0.00	33.40 1.93 0.00	35.40 1.85 0.00	37.56 1.76 0.00	39.27 1.67 0.00	34.97 1.88 0.00	33.90 2.01 0.00	39.42 2.30 0.00	44.04 2.50 0.14	49.85 3.40 0.04	52.77 3.60 0.51	51.50 3.44 5.16	70.04 4.96 7.17	54.38 3.82 0.35	62.56 4.60 0.00	59.44 4.88 0.00	58.14 4.53 -3.64	50.20 3.59 0.00	50.05 2.73 0.00	44.55 2.32 4.20	35.33 1.96 8.82	27.84 1.63 6.52	23.87 1.36 3.17
GLENWOOD_IC_2_G1 23688	47.57 2.32 0.00	36.85 1.95 0.00	33.30 1.83 0.00	35.32 1.76 0.00	37.47 1.67 0.00	39.17 1.58 0.00	34.85 1.76 0.00	33.80 1.90 0.00	39.37 2.26 0.00	43.98 2.44 0.14	49.60 3.15 0.04	53.01 3.36 0.02	56.63 3.41 0.00	77.18 4.93 0.00	54.54 3.64 0.00	62.43 4.46 0.00	59.35 4.80 0.00	58.02 4.41 -3.64	50.18 3.57 0.00	50.13 2.81 0.00	48.83 2.40 0.00	44.24 2.06 0.00	34.35 1.62 0.00	26.98 1.31 0.00
GLENWOOD_IC_3_G1 23689	47.57 2.32 0.00	36.85 1.95 0.00	33.30 1.83 0.00	35.32 1.76 0.00	37.47 1.67 0.00	39.17 1.58 0.00	34.85 1.76 0.00	33.80 1.90 0.00	39.37 2.26 0.00	43.98 2.44 0.14	49.60 3.15 0.04	53.01 3.36 0.02	56.63 3.41 0.00	77.18 4.93 0.00	54.54 3.64 0.00	62.43 4.46 0.00	59.35 4.80 0.00	58.02 4.41 -3.64	50.18 3.57 0.00	50.13 2.81 0.00	48.83 2.40 0.00	44.24 2.06 0.00	34.35 1.62 0.00	26.98 1.31 0.00
GLENWOOD____4 23550	42.05 2.46 5.66	36.98 2.08 0.00	33.40 1.93 0.00	35.40 1.85 0.00	37.56 1.76 0.00	39.27 1.67 0.00	34.97 1.88 0.00	33.91 2.02 0.00	39.46 2.35 0.00	44.08 2.55 0.14	49.85 3.40 0.04	52.78 3.61 0.51	51.62 3.56 5.16	70.23 5.15 7.17	54.45 3.89 0.35	62.67 4.70 0.00	59.58 5.02 0.00	58.26 4.65 -3.64	50.31 3.69 0.00	50.16 2.83 0.00	44.67 2.44 4.20	35.44 2.07 8.82	27.87 1.66 6.52	23.87 1.36 3.17
GLENWOOD____5 23614	42.05 2.46 5.66	36.98 2.08 0.00	33.40 1.93 0.00	35.40 1.85 0.00	37.56 1.76 0.00	39.27 1.67 0.00	34.97 1.88 0.00	33.91 2.02 0.00	39.46 2.35 0.00	44.08 2.55 0.14	49.85 3.40 0.04	52.78 3.61 0.51	51.62 3.56 5.16	70.23 5.15 7.17	54.45 3.89 0.35	62.67 4.70 0.00	59.58 5.02 0.00	58.26 4.65 -3.64	50.31 3.69 0.00	50.16 2.83 0.00	44.67 2.44 4.20	35.44 2.07 8.82	27.87 1.66 6.52	23.87 1.36 3.17
GLOBAL GREEN_PORT_GT1 23814	29.07 2.27 18.45	36.79 1.89 0.00	33.71 2.24 0.00	35.48 1.93 0.00	37.45 1.65 0.00	39.11 1.51 0.00	35.37 2.28 0.00	34.31 2.42 0.00	40.56 3.45 0.00	44.97 3.43 0.14	50.61 4.19 0.06	52.08 4.35 1.94	39.04 4.38 18.56	52.03 5.98 26.21	52.78 4.32 2.45	63.38 5.41 0.00	60.28 5.72 0.00	58.74 5.13 -3.64	50.23 3.61 0.00	49.01 2.36 0.67	34.17 2.10 14.36	15.81 2.52 28.90	13.98 2.54 21.30	16.94 2.06 10.80
GLOBE____DSASP 323697	44.14 -1.11 0.00	33.67 -1.23 0.00	30.19 -1.29 0.00	31.99 -1.57 0.00	34.29 -1.51 0.00	36.01 -1.58 0.00	31.17 -1.92 0.00	29.91 -1.98 0.00	35.11 -2.00 0.00	40.26 -1.42 0.00	45.97 -0.51 0.00	48.90 -0.78 0.00	52.36 -0.87 0.00	69.49 -2.72 0.04	48.62 -2.28 0.00	54.14 -3.83 0.00	45.22 -3.60 5.73	38.17 -3.45 8.36	38.11 -3.23 5.28	44.57 -2.75 0.00	43.91 -2.52 0.00	40.27 -1.93 0.00	31.37 -1.36 0.00	24.66 -1.02 0.00
GOETHSLN____LBMP 323567	47.69 2.45 0.00	36.85 1.95 0.00	33.27 1.80 0.00	35.28 1.73 0.00	37.46 1.65 0.00	39.17 1.58 0.00	34.84 1.75 0.00	33.85 1.96 0.00	39.47 2.36 0.00	44.63 2.67 -0.28	50.17 3.29 -0.41	53.33 3.49 -0.16	56.33 3.44 0.33	77.24 4.98 0.00	54.53 3.63 0.00	62.37 4.40 0.00	59.31 4.75 0.00	57.92 4.30 -3.64	50.24 3.62 0.00	50.25 2.93 0.00	48.92 2.49 0.00	44.35 2.16 0.00	34.48 1.75 0.00	27.12 1.44 0.00
GOLAH____69_KV_TB 1_2 80279	46.06 0.81 0.00	35.16 0.26 0.00	31.55 0.07 0.00	33.47 -0.08 0.00	35.80 0.00 0.00	37.60 0.01 0.00	32.84 -0.26 0.00	31.58 -0.31 0.00	36.94 -0.17 0.00	42.09 0.41 0.00	47.61 1.13 0.00	50.86 1.18 0.00	54.50 1.27 0.00	73.30 1.04 0.00	51.26 0.35 0.00	57.51 -0.46 0.00	54.47 -0.08 0.00	49.89 -0.08 0.00	46.47 -0.15 0.00	47.70 0.38 0.00	46.87 0.44 0.00	42.66 0.47 0.00	32.98 0.25 0.00	25.83 0.15 0.00
GOODYEAR_LAKE_HYD 323669	47.00 1.75 0.00	36.11 1.21 0.00	32.54 1.06 0.00	34.76 1.21 0.00	37.09 1.29 0.00	38.89 1.30 0.00	34.21 1.12 0.00	32.92 1.03 0.00	38.45 1.33 0.00	43.27 1.59 0.00	48.40 1.91 0.00	51.80 2.12 0.00	55.50 2.27 0.00	75.36 3.10 0.00	53.30 2.39 0.00	60.52 2.56 0.00	56.80 2.25 0.00	51.91 1.85 -0.09	48.25 1.63 0.00	49.13 1.81 0.00	48.14 1.71 0.00	43.75 1.56 0.00	33.85 1.12 0.00	26.54 0.86 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.57 0.32 0.00	34.94 0.04 0.00	31.54 0.07 0.00	33.62 0.07 0.00	35.93 0.13 0.00	37.62 0.03 0.00	33.12 0.02 0.00	31.84 -0.06 0.00	37.03 -0.08 0.00	41.84 0.16 0.00	46.91 0.43 0.00	50.23 0.55 0.00	53.84 0.62 0.00	72.95 0.70 0.00	51.58 0.68 0.00	58.32 0.35 0.00	54.97 0.41 0.00	50.12 0.07 -0.08	46.67 0.06 0.00	47.78 0.46 0.00	46.69 0.26 0.00	42.34 0.15 0.00	32.77 0.04 0.00	25.70 0.02 0.00

GOUDEY___7 23579	45.57 0.32 0.00	34.94 0.04 0.00	31.54 0.07 0.00	33.62 0.07 0.00	35.93 0.13 0.00	37.62 0.03 0.00	33.12 0.02 0.00	31.84 -0.06 0.00	37.03 -0.08 0.00	41.84 0.16 0.00	46.91 0.43 0.00	50.23 0.55 0.00	53.84 0.62 0.00	72.95 0.70 0.00	51.58 0.68 0.00	58.32 0.35 0.00	54.97 0.41 0.00	50.12 0.07 -0.08	46.67 0.06 0.00	47.78 0.46 0.00	46.69 0.26 0.00	42.34 0.15 0.00	32.77 0.04 0.00	25.70 0.02 0.00
GOUDEY___8 23580	45.57 0.32 0.00	34.94 0.04 0.00	31.54 0.07 0.00	33.62 0.07 0.00	35.93 0.13 0.00	37.62 0.03 0.00	33.12 0.02 0.00	31.84 -0.06 0.00	37.03 -0.08 0.00	41.84 0.16 0.00	46.91 0.43 0.00	50.23 0.55 0.00	53.84 0.62 0.00	72.95 0.70 0.00	51.58 0.68 0.00	58.32 0.35 0.00	54.97 0.41 0.00	50.12 0.07 -0.08	46.67 0.06 0.00	47.78 0.46 0.00	46.69 0.26 0.00	42.34 0.15 0.00	32.77 0.04 0.00	25.70 0.02 0.00
GOWANUS_GT1_1 24077	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT1_2 24078	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT1_3 24079	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT1_4 24080	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT1_5 24084	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT1_6 24111	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT1_7 24112	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT1_8 24113	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	59.26 2.73 -14.84	50.83 3.13 -1.21	54.55 3.60 -1.27	57.27 3.63 -0.41	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT2_1 24114	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT2_2 24115	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT2_3 24116	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT2_4 24117	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT2_5 24118	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00

GOWANUS_GT2_6 24119	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT2_7 24120	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT2_8 24121	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_1 24122	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_2 24123	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_3 24124	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.27	54.53 3.58 -0.41	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_4 24125	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_5 24126	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_6 24127	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_7 24128	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT3_8 24129	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT4_1 24130	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT4_2 24131	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT4_3 24132	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT4_4 24133	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00

GOWANUS_GT4_5 24134	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT4_6 24135	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT4_7 24136	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GOWANUS_GT4_8 24137	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GREATVRV_69_KV_BK1 356245	29.83 2.40 17.83	37.10 2.20 0.00	33.58 2.11 0.00	35.43 1.88 0.00	37.55 1.75 0.00	39.23 1.64 0.00	35.10 2.01 0.00	34.00 2.11 0.00	39.70 2.58 0.00	44.15 2.61 0.14	49.91 3.49 0.06	51.33 3.57 1.92	39.22 3.90 17.90	52.59 5.62 25.29	52.70 4.20 2.40	63.18 5.22 0.00	60.38 5.82 0.00	59.16 5.54 -3.64	51.08 4.47 0.00	50.00 3.40 0.72	35.42 2.85 13.86	16.63 2.36 27.92	13.97 1.81 20.57	16.64 1.39 10.43
GREENBSH_115KV_TB3 55895	45.23 -0.01 0.00	35.18 0.28 0.00	31.98 0.50 0.00	34.20 0.65 0.00	36.23 0.43 0.00	37.84 0.25 0.00	33.51 0.42 0.00	32.33 0.43 0.00	37.41 0.30 0.00	41.90 0.22 0.00	46.72 0.24 0.00	49.87 0.19 0.00	53.42 0.20 0.00	72.93 0.68 0.00	51.27 0.37 0.00	58.80 0.84 0.00	55.57 1.02 0.00	51.34 1.00 -0.36	47.37 0.75 0.00	47.73 0.41 0.00	46.74 0.31 0.00	42.40 0.21 0.00	32.88 0.14 0.00	25.90 0.22 0.00
GREENDGE_115KV_TB5 80291	45.68 0.43 0.00	34.92 0.02 0.00	31.36 -0.11 0.00	33.33 -0.23 0.00	35.84 0.03 0.00	37.62 0.03 0.00	32.99 -0.10 0.00	31.69 -0.21 0.00	36.87 -0.24 0.00	41.67 -0.01 0.00	46.99 0.51 0.00	49.97 0.29 0.00	53.41 0.19 0.00	72.44 0.11 -0.08	50.86 -0.04 0.00	56.57 -1.40 0.00	65.83 -0.88 -12.15	66.79 -1.10 -17.91	57.24 -0.73 -11.36	47.75 0.43 0.00	46.88 0.45 0.00	42.52 0.33 0.00	32.88 0.15 0.00	25.71 0.04 0.00
GREENIDGE___3 23582	45.68 0.43 0.00	34.92 0.02 0.00	31.36 -0.11 0.00	33.33 -0.23 0.00	35.84 0.03 0.00	37.62 0.03 0.00	32.99 -0.10 0.00	31.69 -0.21 0.00	36.87 -0.24 0.00	41.67 -0.01 0.00	46.99 0.51 0.00	49.97 0.29 0.00	53.41 0.19 0.00	72.44 0.11 -0.08	50.86 -0.04 0.00	56.57 -1.40 0.00	65.83 -0.88 -12.15	66.79 -1.10 -17.91	57.24 -0.73 -11.36	47.75 0.43 0.00	46.88 0.45 0.00	42.52 0.33 0.00	32.88 0.15 0.00	25.71 0.04 0.00
GREENIDGE___4 23583	45.69 0.44 0.00	34.92 0.02 0.00	31.37 -0.11 0.00	33.33 -0.23 0.00	35.84 0.03 0.00	37.62 0.03 0.00	32.99 -0.10 0.00	31.69 -0.21 0.00	36.87 -0.24 0.00	41.68 0.00 0.00	46.98 0.50 0.00	49.97 0.29 0.00	53.42 0.20 0.00	72.49 0.15 -0.08	50.88 -0.03 0.00	56.56 -1.40 0.00	65.82 -0.88 -12.15	66.79 -1.10 -17.91	57.25 -0.73 -11.36	47.76 0.44 0.00	46.89 0.46 0.00	42.53 0.33 0.00	32.87 0.14 0.00	25.71 0.04 0.00
GREENLWN_69_KV_BK 3 55738	28.62 1.37 18.00	36.45 1.55 0.00	33.03 1.56 0.00	34.90 1.34 0.00	37.00 1.20 0.00	38.64 1.05 0.00	34.51 1.42 0.00	33.39 1.49 0.00	38.91 1.80 0.00	43.20 1.66 0.14	48.48 2.16 0.17	49.14 2.04 2.58	37.44 2.32 18.11	49.81 3.28 25.72	50.27 2.53 3.16	61.31 3.34 0.00	58.47 3.92 0.00	57.40 3.78 -3.64	49.33 2.71 0.00	47.15 1.66 1.83	33.67 1.24 14.00	15.00 1.00 28.18	12.83 0.87 20.77	15.87 0.73 10.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	44.34 2.73 0.08	50.10 3.13 -0.49	53.47 3.60 -0.19	56.85 3.63 0.00	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00
GRISSOM___SOLAR 323813	47.87 2.62 0.00	36.83 1.94 0.00	33.13 1.66 0.00	35.34 1.79 0.00	37.67 1.87 0.00	39.56 1.97 0.00	34.70 1.60 0.00	33.22 1.33 0.00	39.06 1.95 0.00	43.79 2.11 0.00	46.87 0.39 0.00	50.03 0.35 0.00	53.51 0.28 0.00	72.58 0.32 0.00	51.12 0.22 0.00	60.22 2.26 0.00	57.31 2.75 0.00	51.84 1.87 0.00	47.92 1.30 0.00	49.61 2.29 0.00	49.16 2.73 0.00	44.77 2.58 0.00	34.65 1.92 0.00	27.12 1.44 0.00
GROVEVILLE___HYD 323602	47.85 2.60 0.00	36.97 2.06 0.00	33.37 1.90 0.00	35.49 1.94 0.00	37.66 1.86 0.00	39.35 1.76 0.00	34.91 1.81 0.00	33.82 1.93 0.00	39.37 2.26 0.00	44.21 2.53 0.00	49.59 3.11 0.00	53.12 3.44 0.00	56.87 3.65 0.00	77.60 5.35 0.00	54.78 3.87 0.00	62.78 4.82 0.00	59.57 5.01 0.00	57.28 4.46 -2.85	50.26 3.65 0.00	50.39 3.07 0.00	49.15 2.72 0.00	44.53 2.34 0.00	34.52 1.78 0.00	27.08 1.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	45.12 -0.13 0.00	34.68 -0.22 0.00	31.26 -0.21 0.00	33.33 -0.22 0.00	35.59 -0.21 0.00	37.30 -0.30 0.00	32.86 -0.23 0.00	31.61 -0.28 0.00	36.73 -0.39 0.00	41.34 -0.34 0.00	46.33 -0.15 0.00	49.68 -0.05 -0.06	53.15 -0.07 0.00	73.90 -0.11 -1.75	51.04 0.13 0.00	57.68 -0.29 0.00	54.39 -0.16 0.00	49.70 -0.27 0.00	46.39 -0.22 0.00	47.36 0.04 0.00	46.39 -0.04 0.00	42.09 -0.10 0.00	32.58 -0.15 0.00	25.52 -0.16 0.00
HAMLTNNY_34_KV_TB 80303	45.40 0.15 0.00	34.87 -0.03 0.00	31.41 -0.07 0.00	33.45 -0.10 0.00	35.71 -0.09 0.00	37.39 -0.20 0.00	32.93 -0.17 0.00	31.63 -0.26 0.00	36.73 -0.38 0.00	41.41 -0.27 0.00	46.55 0.06 0.00	49.90 0.16 -0.05	53.35 0.12 0.00	73.93 0.03 -1.64	51.17 0.27 0.00	57.67 -0.29 0.00	54.46 -0.09 0.00	49.66 -0.32 0.00	46.38 -0.23 0.00	47.44 0.12 0.00	46.54 0.12 0.00	42.24 0.05 0.00	32.70 -0.03 0.00	25.61 -0.06 0.00

HAMPSHIRE___PAPER_HYD 323593	45.13 -0.12 0.00	34.73 -0.17 0.00	31.27 -0.21 0.00	33.45 -0.10 0.00	36.00 0.20 0.00	38.12 0.53 0.00	33.12 0.02 0.00	31.99 0.09 0.00	37.68 0.56 0.00	41.71 0.04 0.00	46.39 -0.09 0.00	50.16 0.46 -0.02	53.50 0.28 0.00	72.87 -0.05 -0.66	50.62 -0.28 0.00	56.92 -1.04 0.00	53.07 -1.49 0.00	48.92 -1.06 0.00	45.89 -0.72 0.00	47.63 0.31 0.00	47.36 0.93 0.00	43.29 1.10 0.00	33.61 0.87 0.00	26.04 0.36 0.00
HARDSCRABBLE_WT_PWR 323673	45.87 0.62 0.00	35.50 0.60 0.00	32.19 0.71 0.00	34.40 0.85 0.00	36.52 0.71 0.00	38.11 0.52 0.00	33.58 0.48 0.00	32.17 0.27 0.00	37.53 0.42 0.00	42.21 0.53 0.00	46.06 -0.42 0.00	48.99 -0.69 0.00	52.54 -0.68 0.00	71.76 -0.49 0.00	50.47 -0.44 0.00	58.92 0.96 0.00	55.62 1.07 0.00	50.50 0.53 0.00	46.70 0.08 0.00	47.66 0.34 0.00	46.92 0.49 0.00	42.74 0.55 0.00	33.05 0.32 0.00	25.94 0.26 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	47.59 2.34 0.00	36.72 1.82 0.00	33.15 1.67 0.00	35.22 1.67 0.00	37.43 1.62 0.00	39.13 1.54 0.00	34.68 1.59 0.00	33.61 1.71 0.00	39.16 2.04 0.00	44.00 2.32 0.00	49.41 2.93 0.00	52.94 3.26 0.00	56.65 3.42 0.00	77.35 5.09 0.00	54.56 3.65 0.00	62.52 4.56 0.00	59.32 4.76 0.00	60.11 4.24 -5.90	50.04 3.43 0.00	50.24 2.92 0.00	48.99 2.56 0.00	44.36 2.17 0.00	34.40 1.67 0.00	26.97 1.29 0.00
HARSNRAD_115KV_TB1 81005	44.66 -0.59 0.00	34.06 -0.84 0.00	30.51 -0.97 0.00	32.32 -1.24 0.00	34.64 -1.16 0.00	36.42 -1.17 0.00	31.54 -1.55 0.00	30.25 -1.64 0.00	35.52 -1.59 0.00	40.70 -0.98 0.00	46.43 -0.05 0.00	49.43 -0.25 0.00	52.90 -0.33 0.00	70.19 -2.03 0.05	49.08 -1.82 0.00	54.63 -3.33 0.00	45.66 -2.55 6.34	38.41 -2.31 9.25	38.39 -2.38 5.84	45.42 -1.89 0.00	44.77 -1.66 0.00	40.99 -1.20 0.00	31.73 -1.00 0.00	25.06 -0.62 0.00
HARZA MOOSE___RIVER 24016	45.33 0.08 0.00	34.90 0.00 0.00	31.56 0.08 0.00	33.83 0.28 0.00	36.32 0.51 0.00	38.30 0.71 0.00	33.24 0.14 0.00	32.12 0.23 0.00	37.89 0.78 0.00	41.80 0.13 0.00	46.51 0.03 0.00	50.67 0.98 -0.02	54.21 0.98 0.00	73.89 1.18 -0.46	51.75 0.84 0.00	58.14 0.18 0.00	54.15 -0.41 0.00	50.02 0.04 0.00	46.87 0.25 0.00	48.65 1.33 0.00	48.16 1.73 0.00	43.80 1.61 0.00	33.79 1.05 0.00	26.12 0.44 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.89 -0.36 0.00	34.51 -0.39 0.00	31.12 -0.36 0.00	33.17 -0.39 0.00	35.42 -0.38 0.00	37.11 -0.49 0.00	32.68 -0.42 0.00	31.45 -0.44 0.00	36.54 -0.57 0.00	41.15 -0.53 0.00	46.11 -0.37 0.00	49.39 -0.28 0.00	52.90 -0.32 0.00	71.77 -0.49 0.00	50.74 -0.16 0.00	57.39 -0.57 0.00	54.09 -0.47 0.00	49.45 -0.53 0.00	46.13 -0.48 0.00	47.02 -0.30 0.00	46.06 -0.37 0.00	41.78 -0.41 0.00	32.35 -0.38 0.00	25.35 -0.33 0.00
HELLGATE_13_KV_LD 55870	48.41 3.16 0.00	37.38 2.48 0.00	33.78 2.30 0.00	35.76 2.21 0.00	37.98 2.18 0.00	39.71 2.11 0.00	35.40 2.30 0.00	34.39 2.50 0.00	40.10 2.99 0.00	49.75 3.19 -4.89	50.90 3.69 -0.73	54.43 4.22 -0.53	57.57 4.26 -0.08	78.17 5.91 0.00	55.35 4.45 0.00	63.24 5.28 0.00	60.10 5.55 0.00	58.68 5.06 -3.64	50.83 4.21 0.00	50.61 3.29 0.00	49.33 2.90 0.00	44.86 2.67 0.00	34.97 2.24 0.00	27.48 1.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.41 3.16 0.00	37.38 2.48 0.00	33.78 2.30 0.00	35.76 2.21 0.00	37.98 2.18 0.00	39.71 2.11 0.00	35.40 2.30 0.00	34.39 2.50 0.00	40.10 2.99 0.00	49.75 3.19 -4.89	50.90 3.69 -0.73	54.43 4.22 -0.53	57.57 4.26 -0.08	78.17 5.91 0.00	55.35 4.45 0.00	63.24 5.28 0.00	60.10 5.55 0.00	58.68 5.06 -3.64	50.83 4.21 0.00	50.61 3.29 0.00	49.33 2.90 0.00	44.86 2.67 0.00	34.97 2.24 0.00	27.48 1.80 0.00
HEMPSTEAD___ 23647	38.70 2.08 8.62	36.76 1.86 0.00	33.22 1.75 0.00	35.16 1.61 0.00	37.31 1.51 0.00	38.99 1.40 0.00	34.76 1.67 0.00	33.70 1.81 0.00	39.27 2.15 0.00	43.77 2.23 0.14	49.45 3.00 0.04	52.01 3.09 0.76	48.48 3.11 7.86	65.80 4.47 10.93	53.79 3.42 0.53	62.20 4.24 0.00	59.24 4.68 0.00	58.00 4.39 -3.64	50.02 3.41 0.00	49.81 2.49 0.00	42.09 2.06 6.40	30.48 1.73 13.44	24.18 1.38 9.94	21.97 1.11 4.82
HICKLING___1 23621	45.34 0.09 0.00	34.60 -0.30 0.00	31.13 -0.34 0.00	33.09 -0.46 0.00	35.63 -0.17 0.00	37.39 -0.20 0.00	32.79 -0.31 0.00	31.47 -0.43 0.00	36.61 -0.50 0.00	41.64 -0.04 0.00	46.97 0.48 0.00	50.30 0.62 0.00	53.89 0.67 0.00	72.65 0.36 -0.03	51.01 0.11 0.00	57.20 -0.76 0.00	58.64 -0.48 -4.56	56.58 -0.92 -7.52	50.89 -0.71 -4.99	47.59 0.27 0.00	46.57 0.15 0.00	42.25 0.06 0.00	32.69 -0.04 0.00	25.59 -0.09 0.00
HICKLING___2 23622	45.34 0.09 0.00	34.60 -0.30 0.00	31.13 -0.34 0.00	33.09 -0.46 0.00	35.63 -0.17 0.00	37.39 -0.20 0.00	32.79 -0.31 0.00	31.47 -0.43 0.00	36.61 -0.50 0.00	41.64 -0.04 0.00	46.97 0.48 0.00	50.30 0.62 0.00	53.89 0.67 0.00	72.65 0.36 -0.03	51.01 0.11 0.00	57.20 -0.76 0.00	58.64 -0.48 -4.56	56.58 -0.92 -7.52	50.89 -0.71 -4.99	47.59 0.27 0.00	46.57 0.15 0.00	42.25 0.06 0.00	32.69 -0.04 0.00	25.59 -0.09 0.00
HIGH FALLS___HY 23754	47.90 2.66 0.00	36.85 1.95 0.00	33.22 1.74 0.00	35.31 1.76 0.00	37.51 1.71 0.00	39.19 1.60 0.00	34.77 1.68 0.00	33.75 1.86 0.00	39.29 2.18 0.00	44.07 2.39 0.00	49.42 2.94 0.00	52.97 3.29 0.00	56.73 3.51 0.00	77.30 5.04 0.00	54.65 3.74 0.00	62.79 4.83 0.00	59.57 5.02 0.00	56.02 4.47 -1.58	50.18 3.56 0.00	50.29 2.97 0.00	49.09 2.66 0.00	44.49 2.30 0.00	34.49 1.76 0.00	27.01 1.34 0.00
HIGH_RIVER___SOLAR 323847	46.97 1.73 0.00	36.25 1.35 0.00	32.70 1.22 0.00	34.91 1.36 0.00	37.15 1.35 0.00	38.95 1.36 0.00	34.25 1.15 0.00	32.85 0.96 0.00	38.22 1.11 0.00	43.10 1.42 0.00	46.95 0.47 0.00	49.98 0.30 0.00	53.48 0.25 0.00	72.71 0.45 0.00	51.18 0.28 0.00	59.38 1.42 0.00	56.63 2.08 0.00	51.57 1.59 0.00	47.90 1.29 0.00	48.98 1.66 0.00	48.25 1.82 0.00	43.86 1.67 0.00	33.98 1.25 0.00	26.63 0.96 0.00
HILLBURN___GT 23639	47.45 2.20 0.00	36.63 1.72 0.00	33.06 1.59 0.00	35.13 1.58 0.00	37.33 1.53 0.00	39.02 1.43 0.00	34.62 1.52 0.00	33.56 1.66 0.00	39.11 2.00 0.00	43.93 2.25 0.00	49.34 2.85 0.00	52.83 3.15 0.00	56.44 3.21 0.00	77.02 4.76 0.00	54.34 3.43 0.00	62.14 4.17 0.00	59.06 4.50 0.00	59.47 4.10 -5.40	49.98 3.37 0.00	50.15 2.83 0.00	48.86 2.43 0.00	44.23 2.05 0.00	34.32 1.59 0.00	26.91 1.23 0.00
HILLSIDE_115KV_TB1 80332	44.85 -0.40 0.00	34.24 -0.66 0.00	30.90 -0.58 0.00	32.87 -0.68 0.00	35.28 -0.52 0.00	36.95 -0.64 0.00	32.50 -0.59 0.00	31.18 -0.71 0.00	36.27 -0.84 0.00	41.26 -0.42 0.00	46.37 -0.11 0.00	49.66 -0.02 0.00	53.23 0.00 0.00	71.93 -0.35 -0.02	50.73 -0.18 0.00	57.00 -0.96 0.00	57.93 -0.67 -4.05	54.91 -1.16 -6.10	49.48 -1.05 -3.91	47.13 -0.19 0.00	45.99 -0.44 0.00	41.68 -0.51 0.00	32.26 -0.47 0.00	25.27 -0.40 0.00

HISHELDN_WT_PWR 323625	44.64 -0.61 0.00	34.01 -0.89 0.00	30.28 -1.19 0.00	32.29 -1.26 0.00	34.90 -0.90 0.00	36.64 -0.95 0.00	31.78 -1.31 0.00	30.48 -1.41 0.00	35.71 -1.40 0.00	40.86 -0.82 0.00	46.59 0.11 0.00	49.61 -0.07 0.00	52.93 -0.30 0.00	70.04 -2.04 0.18	48.92 -1.99 0.00	54.53 -3.44 0.00	26.52 -2.98 25.05	10.62 -2.81 36.55	21.06 -2.46 23.08	45.85 -1.47 0.00	45.28 -1.15 0.00	41.34 -0.85 0.00	32.06 -0.67 0.00	25.19 -0.49 0.00
HOLTSVILLE_IC_1 23690	28.21 1.45 18.49	36.41 1.52 0.00	32.99 1.52 0.00	34.82 1.27 0.00	36.90 1.10 0.00	38.52 0.93 0.00	34.50 1.41 0.00	33.38 1.49 0.00	38.92 1.81 0.00	43.21 1.67 0.14	48.86 2.44 0.05	50.11 2.35 1.92	37.01 2.38 18.59	49.52 3.51 26.25	51.26 2.78 2.42	61.61 3.65 0.00	58.84 4.29 0.00	57.75 4.14 -3.64	49.71 3.09 0.00	48.87 2.17 0.63	33.78 1.74 14.38	14.64 1.41 28.95	12.51 1.11 21.33	15.73 0.88 10.82
HOLTSVILLE_IC_10 23699	28.62 1.70 18.33	36.59 1.69 0.00	33.15 1.67 0.00	34.97 1.42 0.00	37.07 1.26 0.00	38.70 1.11 0.00	34.66 1.56 0.00	33.56 1.67 0.00	39.14 2.03 0.00	43.47 1.94 0.14	49.23 2.80 0.06	50.44 2.76 2.00	37.62 2.82 18.43	50.36 4.15 26.04	51.63 3.25 2.53	62.15 4.19 0.00	59.39 4.83 0.00	58.26 4.65 -3.64	50.17 3.56 0.00	49.11 2.60 0.82	34.27 2.10 14.26	15.21 1.72 28.71	12.92 1.34 21.15	15.98 1.03 10.73
HOLTSVILLE_IC_2 23691	28.21 1.45 18.49	36.41 1.52 0.00	32.99 1.52 0.00	34.82 1.27 0.00	36.90 1.10 0.00	38.52 0.93 0.00	34.50 1.41 0.00	33.38 1.49 0.00	38.92 1.81 0.00	43.21 1.67 0.14	48.86 2.44 0.05	50.11 2.35 1.92	37.01 2.38 18.59	49.52 3.51 26.25	51.26 2.78 2.42	61.61 3.65 0.00	58.84 4.29 0.00	57.75 4.14 -3.64	49.71 3.09 0.00	48.87 2.17 0.63	33.78 1.74 14.38	14.64 1.41 28.95	12.51 1.11 21.33	15.73 0.88 10.82
HOLTSVILLE_IC_3 23692	28.21 1.45 18.49	36.41 1.52 0.00	32.99 1.52 0.00	34.82 1.27 0.00	36.90 1.10 0.00	38.52 0.93 0.00	34.50 1.41 0.00	33.38 1.49 0.00	38.92 1.81 0.00	43.21 1.67 0.14	48.86 2.44 0.05	50.11 2.35 1.92	37.01 2.38 18.59	49.52 3.51 26.25	51.26 2.78 2.42	61.61 3.65 0.00	58.84 4.29 0.00	57.75 4.14 -3.64	49.71 3.09 0.00	48.87 2.17 0.63	33.78 1.74 14.38	14.64 1.41 28.95	12.51 1.11 21.33	15.73 0.88 10.82
HOLTSVILLE_IC_4 23693	28.21 1.45 18.49	36.41 1.52 0.00	32.99 1.52 0.00	34.82 1.27 0.00	36.90 1.10 0.00	38.52 0.93 0.00	34.50 1.41 0.00	33.38 1.49 0.00	38.92 1.81 0.00	43.21 1.67 0.14	48.86 2.44 0.05	50.11 2.35 1.92	37.01 2.38 18.59	49.52 3.51 26.25	51.26 2.78 2.42	61.61 3.65 0.00	58.84 4.29 0.00	57.75 4.14 -3.64	49.71 3.09 0.00	48.87 2.17 0.63	33.78 1.74 14.38	14.64 1.41 28.95	12.51 1.11 21.33	15.73 0.88 10.82
HOLTSVILLE_IC_5 23694	28.21 1.45 18.49	36.41 1.52 0.00	32.99 1.52 0.00	34.82 1.27 0.00	36.90 1.10 0.00	38.52 0.93 0.00	34.50 1.41 0.00	33.38 1.49 0.00	38.92 1.81 0.00	43.21 1.67 0.14	48.86 2.44 0.05	50.11 2.35 1.92	37.01 2.38 18.59	49.52 3.51 26.25	51.26 2.78 2.42	61.61 3.65 0.00	58.84 4.29 0.00	57.75 4.14 -3.64	49.71 3.09 0.00	48.87 2.17 0.63	33.78 1.74 14.38	14.64 1.41 28.95	12.51 1.11 21.33	15.73 0.88 10.82
HOLTSVILLE_IC_6 23695	28.62 1.70 18.33	36.59 1.69 0.00	33.15 1.67 0.00	34.97 1.42 0.00	37.07 1.26 0.00	38.70 1.11 0.00	34.66 1.56 0.00	33.56 1.67 0.00	39.14 2.03 0.00	43.47 1.94 0.14	49.23 2.80 0.06	50.44 2.76 2.00	37.62 2.82 18.43	50.36 4.15 26.04	51.63 3.25 2.53	62.15 4.19 0.00	59.39 4.83 0.00	58.26 4.65 -3.64	50.17 3.56 0.00	49.11 2.60 0.82	34.27 2.10 14.26	15.21 1.72 28.71	12.92 1.34 21.15	15.98 1.03 10.73
HOLTSVILLE_IC_7 23696	28.62 1.70 18.33	36.59 1.69 0.00	33.15 1.67 0.00	34.97 1.42 0.00	37.07 1.26 0.00	38.70 1.11 0.00	34.66 1.56 0.00	33.56 1.67 0.00	39.14 2.03 0.00	43.47 1.94 0.14	49.23 2.80 0.06	50.44 2.76 2.00	37.62 2.82 18.43	50.36 4.15 26.04	51.63 3.25 2.53	62.15 4.19 0.00	59.39 4.83 0.00	58.26 4.65 -3.64	50.17 3.56 0.00	49.11 2.60 0.82	34.27 2.10 14.26	15.21 1.72 28.71	12.92 1.34 21.15	15.98 1.03 10.73
HOLTSVILLE_IC_8 23697	28.62 1.70 18.33	36.59 1.69 0.00	33.15 1.67 0.00	34.97 1.42 0.00	37.07 1.26 0.00	38.70 1.11 0.00	34.66 1.56 0.00	33.56 1.67 0.00	39.14 2.03 0.00	43.47 1.94 0.14	49.23 2.80 0.06	50.44 2.76 2.00	37.62 2.82 18.43	50.36 4.15 26.04	51.63 3.25 2.53	62.15 4.19 0.00	59.39 4.83 0.00	58.26 4.65 -3.64	50.17 3.56 0.00	49.11 2.60 0.82	34.27 2.10 14.26	15.21 1.72 28.71	12.92 1.34 21.15	15.98 1.03 10.73
HOLTSVILLE_IC_9 23698	28.62 1.70 18.33	36.59 1.69 0.00	33.15 1.67 0.00	34.97 1.42 0.00	37.07 1.26 0.00	38.70 1.11 0.00	34.66 1.56 0.00	33.56 1.67 0.00	39.14 2.03 0.00	43.47 1.94 0.14	49.23 2.80 0.06	50.44 2.76 2.00	37.62 2.82 18.43	50.36 4.15 26.04	51.63 3.25 2.53	62.15 4.19 0.00	59.39 4.83 0.00	58.26 4.65 -3.64	50.17 3.56 0.00	49.11 2.60 0.82	34.27 2.10 14.26	15.21 1.72 28.71	12.92 1.34 21.15	15.98 1.03 10.73
HOMER_HL_115KV_TB2 355744	45.04 -0.21 0.00	34.27 -0.63 0.00	30.84 -0.64 0.00	32.74 -0.81 0.00	35.18 -0.62 0.00	36.87 -0.72 0.00	32.25 -0.85 0.00	31.05 -0.85 0.00	36.34 -0.77 0.00	41.64 -0.04 0.00	47.10 0.62 0.00	49.96 0.28 0.00	53.55 0.32 0.00	71.29 -0.96 0.01	49.76 -1.15 0.00	55.63 -2.34 0.00	52.74 -1.81 0.00	48.02 -1.96 0.00	44.81 -1.80 0.00	46.34 -0.98 0.00	45.44 -0.99 0.00	41.53 -0.66 0.00	32.26 -0.47 0.00	25.35 -0.33 0.00
HOWARD_WT_PWR 323690	44.96 -0.28 0.00	34.25 -0.65 0.00	30.51 -0.97 0.00	32.14 -1.42 0.00	35.27 -0.53 0.00	37.38 -0.21 0.00	32.35 -0.74 0.00	31.03 -0.86 0.00	36.22 -0.90 0.00	41.20 -0.49 0.00	46.98 0.50 0.00	50.31 0.63 0.00	53.72 0.50 0.00	70.64 -1.78 -0.16	48.18 -2.72 0.00	54.06 -3.90 0.00	75.36 -3.53 -24.34	82.59 -3.06 -35.67	66.67 -2.52 -22.57	46.06 -1.26 0.00	45.96 -0.47 0.00	42.06 -0.13 0.00	32.66 -0.07 0.00	25.56 -0.11 0.00
HQ_GEN_CEDARS 23644	45.57 0.32 0.00	35.09 0.19 0.00	31.45 -0.03 0.00	33.44 -0.11 0.00	35.84 0.04 0.00	37.95 0.36 0.00	33.40 0.30 0.00	32.21 0.32 0.00	37.56 0.45 0.00	42.14 0.46 0.00	46.78 0.30 0.00	49.76 0.08 0.00	53.12 -0.10 0.00	71.77 -0.49 0.00	50.44 -0.46 0.00	57.58 -0.39 0.00	54.04 -0.52 0.00	49.51 -0.46 0.00	46.30 -0.32 0.00	47.20 -0.12 0.00	46.61 0.18 0.00	42.49 0.30 0.00	33.15 0.42 0.00	25.98 0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	51.78 0.32 -6.21	35.68 0.20 -0.58	31.45 -0.03 0.00	33.44 -0.11 0.00	35.84 0.04 0.00	37.95 0.36 0.00	33.40 0.30 0.00	32.21 0.32 0.00	37.56 0.45 0.00	42.14 0.46 0.00	46.79 0.30 0.00	49.77 0.08 0.00	53.12 -0.10 0.00	71.77 -0.49 0.00	50.44 -0.46 0.00	57.58 -0.39 0.00	54.04 -0.52 0.00	49.51 -0.46 0.00	46.30 -0.31 0.00	47.97 -0.12 -0.77	46.80 0.18 -0.19	42.49 0.30 0.00	33.83 0.42 -0.68	24.31 0.31 1.68

HQ_GEN_IMPORT 323601	45.20 -0.05 0.00	35.18 -0.08 -0.37	31.29 -0.18 0.00	33.28 -0.27 0.00	35.63 -0.17 0.00	37.58 -0.01 0.00	33.05 -0.04 0.00	31.86 -0.03 0.00	37.09 -0.02 0.00	41.66 -0.02 0.00	46.32 -0.16 0.00	49.37 -0.31 0.00	52.95 -0.27 0.00	71.73 -0.52 0.00	50.49 -0.42 0.00	57.45 -0.51 0.00	53.93 -0.62 0.00	49.43 -0.54 0.00	46.24 -0.37 0.00	47.00 -0.32 0.00	46.24 -0.19 0.00	42.10 -0.09 0.00	33.77 -0.02 -1.06	25.66 -0.02 0.00
HQ_GEN_WHEEL 23651	45.20 -0.05 0.00	35.18 -0.08 -0.37	31.29 -0.18 0.00	33.28 -0.27 0.00	35.63 -0.17 0.00	37.58 -0.01 0.00	33.05 -0.04 0.00	31.86 -0.03 0.00	37.09 -0.02 0.00	41.66 -0.02 0.00	46.32 -0.16 0.00	49.37 -0.31 0.00	52.95 -0.27 0.00	71.73 -0.52 0.00	50.49 -0.42 0.00	57.45 -0.51 0.00	53.93 -0.62 0.00	49.43 -0.54 0.00	46.24 -0.37 0.00	47.00 -0.32 0.00	46.24 -0.19 0.00	42.10 -0.09 0.00	33.77 -0.02 -1.06	25.66 -0.02 0.00
HUDSON AVE_GT_3 23810	48.01 2.76 0.00	37.10 2.20 0.00	33.51 2.03 0.00	35.54 1.99 0.00	37.71 1.91 0.00	39.43 1.84 0.00	35.09 1.99 0.00	34.09 2.20 0.00	39.75 2.63 0.00	46.55 2.98 -1.89	50.58 3.61 -0.48	53.84 3.89 -0.28	57.17 3.95 0.00	77.91 5.65 0.00	55.00 4.09 0.00	62.90 4.94 0.00	59.81 5.25 0.00	58.35 4.73 -3.64	50.56 3.94 0.00	50.58 3.26 0.00	49.25 2.82 0.00	44.65 2.46 0.00	34.70 1.97 0.00	27.28 1.60 0.00
HUDSON AVE_GT_4 23540	48.01 2.76 0.00	37.10 2.20 0.00	33.51 2.03 0.00	35.54 1.99 0.00	37.71 1.91 0.00	39.43 1.84 0.00	35.09 1.99 0.00	34.09 2.20 0.00	39.75 2.63 0.00	46.55 2.98 -1.89	50.58 3.61 -0.48	53.84 3.89 -0.28	57.17 3.95 0.00	77.91 5.65 0.00	55.00 4.09 0.00	62.90 4.94 0.00	59.81 5.25 0.00	58.35 4.73 -3.64	50.56 3.94 0.00	50.58 3.26 0.00	49.25 2.82 0.00	44.65 2.46 0.00	34.70 1.97 0.00	27.28 1.60 0.00
HUDSON AVE_GT_5 23657	48.01 2.76 0.00	37.10 2.20 0.00	33.51 2.03 0.00	35.54 1.99 0.00	37.71 1.91 0.00	39.43 1.84 0.00	35.09 1.99 0.00	34.09 2.20 0.00	39.75 2.63 0.00	46.55 2.98 -1.89	50.58 3.61 -0.48	53.84 3.89 -0.28	57.17 3.95 0.00	77.91 5.65 0.00	55.00 4.09 0.00	62.90 4.94 0.00	59.81 5.25 0.00	58.35 4.73 -3.64	50.56 3.94 0.00	50.58 3.26 0.00	49.25 2.82 0.00	44.65 2.46 0.00	34.70 1.97 0.00	27.28 1.60 0.00
HUDSON_AVE_10 24168	47.94 2.70 0.00	37.05 2.16 0.00	33.47 1.99 0.00	35.49 1.94 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.06 1.97 0.00	34.06 2.17 0.00	39.70 2.59 0.00	46.50 2.94 -1.89	50.51 3.54 -0.48	53.83 3.82 -0.33	58.10 3.85 -1.03	79.35 5.51 -1.58	55.41 4.01 -0.49	62.81 4.85 0.00	59.70 5.15 0.00	58.26 4.64 -3.64	50.47 3.85 0.00	50.48 3.16 0.00	49.53 2.71 -0.38	44.64 2.37 -0.08	34.67 1.92 -0.02	27.51 1.55 -0.28
HUDSON___115KV_TB 4 355613	46.15 0.90 0.00	35.86 0.96 0.00	32.55 1.07 0.00	34.80 1.24 0.00	36.88 1.08 0.00	38.54 0.95 0.00	34.11 1.02 0.00	32.85 0.96 0.00	37.96 0.85 0.00	42.42 0.74 0.00	47.55 1.06 0.00	50.36 0.69 0.00	53.95 0.72 0.00	73.74 1.48 0.00	51.92 1.01 0.00	59.69 1.73 0.00	56.83 2.27 0.00	52.79 2.26 -0.55	48.45 1.83 0.00	48.64 1.31 0.00	47.78 1.35 0.00	43.39 1.20 0.00	33.59 0.86 0.00	26.49 0.81 0.00
HUNTER MOUNT___DRP 323613	46.34 1.09 0.00	36.05 1.15 0.00	32.71 1.23 0.00	34.98 1.43 0.00	37.09 1.28 0.00	38.78 1.19 0.00	34.31 1.21 0.00	33.05 1.16 0.00	38.23 1.12 0.00	42.71 1.03 0.00	47.83 1.35 0.00	50.64 0.96 0.00	54.27 1.04 0.00	74.27 2.01 0.00	52.31 1.40 0.00	60.17 2.21 0.00	57.16 2.61 0.00	53.30 2.58 -0.75	48.72 2.11 0.00	48.96 1.64 0.00	48.09 1.66 0.00	43.66 1.47 0.00	33.78 1.05 0.00	26.60 0.92 0.00
HUNTINGTON_RES_REC 323705	28.47 1.50 18.27	36.51 1.61 0.00	33.09 1.61 0.00	34.91 1.36 0.00	37.01 1.20 0.00	38.64 1.05 0.00	34.56 1.47 0.00	33.45 1.56 0.00	39.01 1.90 0.00	43.32 1.78 0.14	48.85 2.47 0.10	49.29 2.37 2.76	37.35 2.50 18.38	49.79 3.70 26.17	50.27 2.92 3.55	61.81 3.84 0.00	59.01 4.45 0.00	57.91 4.29 -3.64	49.82 3.20 0.00	47.07 2.12 2.37	33.79 1.58 14.22	14.87 1.30 28.62	12.71 1.06 21.09	15.83 0.85 10.70
HUNTLEY___63 23557	45.13 -0.12 0.00	34.36 -0.54 0.00	30.79 -0.69 0.00	32.62 -0.94 0.00	34.97 -0.83 0.00	36.75 -0.84 0.00	31.86 -1.24 0.00	30.57 -1.32 0.00	35.91 -1.21 0.00	41.19 -0.49 0.00	47.01 0.53 0.00	50.09 0.41 0.00	53.61 0.38 0.00	71.20 -1.01 0.05	49.84 -1.06 0.00	55.52 -2.45 0.00	46.36 -1.98 6.21	38.95 -1.96 9.06	38.93 -1.97 5.72	45.90 -1.42 0.00	45.19 -1.24 0.00	41.34 -0.85 0.00	32.06 -0.67 0.00	25.20 -0.47 0.00
HUNTLEY___64 23558	45.13 -0.12 0.00	34.36 -0.54 0.00	30.79 -0.69 0.00	32.62 -0.94 0.00	34.97 -0.83 0.00	36.75 -0.84 0.00	31.86 -1.24 0.00	30.57 -1.32 0.00	35.91 -1.21 0.00	41.19 -0.49 0.00	47.01 0.53 0.00	50.09 0.41 0.00	53.61 0.38 0.00	71.20 -1.01 0.05	49.84 -1.06 0.00	55.52 -2.45 0.00	46.36 -1.98 6.21	38.95 -1.96 9.06	38.93 -1.97 5.72	45.90 -1.42 0.00	45.19 -1.24 0.00	41.34 -0.85 0.00	32.06 -0.67 0.00	25.20 -0.47 0.00
HUNTLEY___65 23559	45.13 -0.12 0.00	34.36 -0.54 0.00	30.79 -0.69 0.00	32.62 -0.94 0.00	34.97 -0.83 0.00	36.75 -0.84 0.00	31.86 -1.24 0.00	30.57 -1.32 0.00	35.91 -1.21 0.00	41.19 -0.49 0.00	47.01 0.53 0.00	50.09 0.41 0.00	53.61 0.38 0.00	71.20 -1.01 0.05	49.84 -1.06 0.00	55.52 -2.45 0.00	46.36 -1.98 6.21	38.95 -1.96 9.06	38.93 -1.97 5.72	45.90 -1.42 0.00	45.19 -1.24 0.00	41.34 -0.85 0.00	32.06 -0.67 0.00	25.20 -0.47 0.00
HUNTLEY___66 23560	45.13 -0.12 0.00	34.36 -0.54 0.00	30.79 -0.69 0.00	32.62 -0.94 0.00	34.97 -0.83 0.00	36.75 -0.84 0.00	31.86 -1.24 0.00	30.57 -1.32 0.00	35.91 -1.21 0.00	41.19 -0.49 0.00	47.01 0.53 0.00	50.09 0.41 0.00	53.61 0.38 0.00	71.20 -1.01 0.05	49.84 -1.06 0.00	55.52 -2.45 0.00	46.36 -1.98 6.21	38.95 -1.96 9.06	38.93 -1.97 5.72	45.90 -1.42 0.00	45.19 -1.24 0.00	41.34 -0.85 0.00	32.06 -0.67 0.00	25.20 -0.47 0.00
HUNTLEY___67 23561	44.80 -0.44 0.00	34.11 -0.79 0.00	30.61 -0.86 0.00	32.46 -1.09 0.00	34.79 -1.01 0.00	36.55 -1.04 0.00	31.69 -1.40 0.00	30.43 -1.46 0.00	35.72 -1.39 0.00	40.96 -0.72 0.00	46.72 0.23 0.00	49.73 0.05 0.00	53.24 0.02 0.00	70.74 -1.47 0.04	49.54 -1.37 0.00	55.22 -2.74 0.00	46.21 -2.24 6.10	38.93 -2.14 8.90	38.85 -2.14 5.62	45.79 -1.53 0.00	45.05 -1.38 0.00	41.15 -1.04 0.00	31.92 -0.81 0.00	25.08 -0.60 0.00
HUNTLEY___68 23562	44.80 -0.44 0.00	34.11 -0.79 0.00	30.61 -0.86 0.00	32.46 -1.09 0.00	34.79 -1.01 0.00	36.55 -1.04 0.00	31.69 -1.40 0.00	30.43 -1.46 0.00	35.72 -1.39 0.00	40.96 -0.72 0.00	46.72 0.23 0.00	49.73 0.05 0.00	53.24 0.02 0.00	70.74 -1.47 0.04	49.54 -1.37 0.00	55.22 -2.74 0.00	46.21 -2.24 6.10	38.93 -2.14 8.90	38.85 -2.14 5.62	45.79 -1.53 0.00	45.05 -1.38 0.00	41.15 -1.04 0.00	31.92 -0.81 0.00	25.08 -0.60 0.00

HYLAND___LFGE 323620	47.32 2.07 0.00	36.26 1.36 0.00	32.42 0.95 0.00	34.35 0.79 0.00	37.05 1.25 0.00	39.07 1.49 0.00	34.08 0.99 0.00	32.59 0.70 0.00	37.47 0.35 0.00	42.26 0.58 0.00	47.99 1.51 0.00	51.26 1.57 0.00	54.48 1.26 0.00	72.38 -0.06 -0.18	49.60 -1.31 0.00	55.63 -2.33 0.00	78.81 -2.21 -26.47	86.62 -2.06 -38.71	69.31 -1.78 -24.48	47.35 0.03 0.00	47.33 0.90 0.00	43.38 1.19 0.00	34.16 1.43 0.00	26.83 1.15 0.00
INDECK___CORINTH 23802	46.83 1.59 0.00	36.45 1.55 0.00	32.89 1.42 0.00	35.14 1.58 0.00	37.22 1.42 0.00	39.02 1.43 0.00	34.48 1.38 0.00	33.21 1.32 0.00	38.49 1.38 0.00	43.37 1.69 0.00	47.65 1.17 0.00	50.47 0.79 0.00	53.97 0.74 0.00	73.61 1.35 0.00	51.79 0.89 0.00	59.78 1.82 0.00	56.82 2.26 0.00	52.34 2.03 -0.33	48.79 2.17 0.00	49.27 1.95 0.00	48.25 1.82 0.00	43.69 1.50 0.00	33.78 1.05 0.00	26.44 0.76 0.00
INDECK___ILION 23567	45.64 0.39 0.00	35.28 0.37 0.00	31.93 0.46 0.00	34.11 0.55 0.00	36.28 0.48 0.00	37.96 0.36 0.00	33.44 0.34 0.00	32.14 0.24 0.00	37.43 0.32 0.00	42.02 0.33 0.00	46.34 -0.14 0.00	49.46 -0.22 0.00	53.02 -0.20 0.00	72.23 -0.03 0.00	50.86 -0.05 0.00	58.69 0.73 0.00	55.35 0.80 0.00	50.50 0.52 0.00	46.87 0.26 0.00	47.70 0.38 0.00	46.86 0.43 0.00	42.61 0.42 0.00	32.98 0.25 0.00	25.87 0.19 0.00
INDECK___OLEAN 23982	45.04 -0.21 0.00	34.27 -0.63 0.00	30.83 -0.64 0.00	32.74 -0.81 0.00	35.18 -0.62 0.00	36.87 -0.72 0.00	32.25 -0.84 0.00	31.05 -0.85 0.00	36.32 -0.79 0.00	41.66 -0.02 0.00	47.09 0.61 0.00	49.96 0.28 0.00	53.56 0.33 0.00	71.33 -0.92 0.01	49.77 -1.13 0.00	55.63 -2.34 0.00	52.74 -1.81 0.00	48.03 -1.94 0.00	44.83 -1.79 0.00	46.35 -0.97 0.00	45.45 -0.98 0.00	41.53 -0.66 0.00	32.26 -0.47 0.00	25.36 -0.32 0.00
INDECK___OSWEGO 23783	44.22 -1.03 0.00	34.03 -0.87 0.00	30.70 -0.77 0.00	32.76 -0.80 0.00	34.98 -0.82 0.00	36.67 -0.92 0.00	32.24 -0.86 0.00	31.04 -0.85 0.00	36.13 -0.98 0.00	40.63 -1.05 0.00	45.46 -1.03 -0.01	48.84 -1.03 -0.19	51.85 -1.37 0.00	75.94 -2.12 -5.80	49.41 -1.50 0.00	55.94 -2.03 0.00	52.68 -1.88 0.00	48.28 -1.70 0.00	45.05 -1.56 0.00	46.00 -1.32 0.00	45.14 -1.29 0.00	41.02 -1.17 0.00	31.95 -0.78 0.00	25.06 -0.62 0.00
INDECK___YERKES 23781	45.18 -0.07 0.00	34.40 -0.50 0.00	30.81 -0.66 0.00	32.65 -0.90 0.00	35.01 -0.80 0.00	36.79 -0.80 0.00	31.88 -1.21 0.00	30.61 -1.29 0.00	35.92 -1.19 0.00	41.25 -0.43 0.00	47.05 0.57 0.00	50.14 0.46 0.00	53.67 0.45 0.00	71.30 -0.91 0.05	49.91 -1.00 0.00	55.58 -2.39 0.00	46.43 -1.92 6.21	39.04 -1.87 9.06	39.02 -1.88 5.72	45.96 -1.36 0.00	45.24 -1.19 0.00	41.38 -0.80 0.00	32.09 -0.64 0.00	25.23 -0.45 0.00
INDIAN POINT_GT_1 24139	47.40 2.15 0.00	36.63 1.74 0.00	33.09 1.61 0.00	35.15 1.60 0.00	37.33 1.52 0.00	39.01 1.42 0.00	34.64 1.54 0.00	33.58 1.69 0.00	39.10 1.99 0.00	43.89 2.20 0.00	49.23 2.74 0.00	52.69 3.01 0.00	56.30 3.08 0.00	76.80 4.54 0.00	54.19 3.28 0.00	61.99 4.02 0.00	58.88 4.33 0.00	57.71 3.95 -3.79	49.87 3.25 0.00	49.97 2.65 0.00	48.70 2.26 0.00	44.13 1.94 0.00	34.26 1.53 0.00	26.89 1.21 0.00
INDIAN POINT_GT_2 23659	47.40 2.15 0.00	36.63 1.74 0.00	33.09 1.61 0.00	35.15 1.60 0.00	37.33 1.52 0.00	39.01 1.42 0.00	34.64 1.54 0.00	33.58 1.69 0.00	39.10 1.99 0.00	43.89 2.20 0.00	49.23 2.74 0.00	52.69 3.01 0.00	56.30 3.08 0.00	76.80 4.54 0.00	54.19 3.28 0.00	61.99 4.02 0.00	58.88 4.33 0.00	57.71 3.95 -3.79	49.87 3.25 0.00	49.97 2.65 0.00	48.70 2.26 0.00	44.13 1.94 0.00	34.26 1.53 0.00	26.89 1.21 0.00
INDIAN POINT_GT_3 24019	47.40 2.15 0.00	36.63 1.74 0.00	33.09 1.61 0.00	35.15 1.60 0.00	37.33 1.52 0.00	39.01 1.42 0.00	34.64 1.54 0.00	33.58 1.69 0.00	39.10 1.99 0.00	43.89 2.20 0.00	49.23 2.74 0.00	52.69 3.01 0.00	56.30 3.08 0.00	76.80 4.54 0.00	54.19 3.28 0.00	61.99 4.02 0.00	58.88 4.33 0.00	57.71 3.95 -3.79	49.87 3.25 0.00	49.97 2.65 0.00	48.70 2.26 0.00	44.13 1.94 0.00	34.26 1.53 0.00	26.89 1.21 0.00
INDIAN POINT___2 23530	47.36 2.11 0.00	36.59 1.69 0.00	33.05 1.58 0.00	35.11 1.56 0.00	37.29 1.49 0.00	38.98 1.39 0.00	34.59 1.50 0.00	33.53 1.64 0.00	39.06 1.95 0.00	43.84 2.16 0.00	49.20 2.71 0.00	52.65 2.97 0.00	56.24 3.02 0.00	76.72 4.46 0.00	54.14 3.23 0.00	61.91 3.95 0.00	58.80 4.25 0.00	57.80 3.89 -3.93	49.81 3.20 0.00	49.94 2.62 0.00	48.66 2.24 0.00	44.09 1.90 0.00	34.23 1.50 0.00	26.87 1.19 0.00
INDIAN POINT___3 23531	47.32 2.07 0.00	36.58 1.68 0.00	33.05 1.57 0.00	35.12 1.56 0.00	37.29 1.49 0.00	38.98 1.39 0.00	34.59 1.50 0.00	33.53 1.64 0.00	39.05 1.94 0.00	43.82 2.14 0.00	49.15 2.67 0.00	52.60 2.92 0.00	56.21 2.99 0.00	76.67 4.41 0.00	54.10 3.19 0.00	61.87 3.91 0.00	58.76 4.20 0.00	57.62 3.84 -3.80	49.77 3.16 0.00	49.89 2.57 0.00	48.64 2.21 0.00	44.06 1.87 0.00	34.21 1.48 0.00	26.86 1.18 0.00
INGHAM_C_115KV_TB7 356103	45.93 0.68 0.00	35.57 0.66 0.00	32.31 0.84 0.00	34.55 1.00 0.00	36.64 0.83 0.00	38.19 0.60 0.00	33.72 0.63 0.00	32.32 0.43 0.00	37.61 0.50 0.00	42.21 0.53 0.00	45.76 -0.72 0.00	48.65 -1.02 0.00	52.15 -1.07 0.00	71.39 -0.87 0.00	50.20 -0.71 0.00	59.02 1.06 0.00	55.91 1.36 0.00	50.70 0.73 0.00	46.83 0.21 0.00	47.80 0.48 0.00	47.06 0.63 0.00	42.83 0.64 0.00	33.10 0.37 0.00	25.97 0.29 0.00
IP CORINTH___1 23988	47.09 1.84 0.00	36.63 1.73 0.00	33.05 1.58 0.00	35.31 1.76 0.00	37.41 1.61 0.00	39.21 1.62 0.00	34.65 1.55 0.00	33.38 1.49 0.00	38.70 1.58 0.00	43.60 1.92 0.00	47.90 1.42 0.00	50.77 1.09 0.00	54.29 1.06 0.00	74.03 1.77 0.00	52.09 1.19 0.00	60.12 2.15 0.00	57.12 2.56 0.00	52.63 2.33 -0.33	49.05 2.43 0.00	49.55 2.23 0.00	48.52 2.09 0.00	43.94 1.75 0.00	33.97 1.24 0.00	26.58 0.90 0.00
IP___TICONDEROGA 23804	48.66 3.42 0.00	38.60 3.71 0.00	34.74 3.26 0.00	37.13 3.58 0.00	38.90 3.09 0.00	40.69 3.10 0.00	36.15 3.06 0.00	34.63 2.74 0.00	39.98 2.87 0.00	45.23 3.56 0.00	49.54 3.06 0.00	52.59 2.91 0.00	56.31 3.09 0.00	76.38 4.12 0.00	53.33 2.43 0.00	61.92 3.96 0.00	59.14 4.58 0.00	54.40 4.09 -0.33	51.13 4.51 0.00	50.78 3.46 0.00	49.61 3.18 0.00	44.98 2.79 0.00	34.80 2.07 0.00	27.09 1.42 0.00
ISLIP_RES_REC 323679	28.98 1.96 18.22	36.78 1.88 0.00	33.33 1.85 0.00	35.15 1.60 0.00	37.25 1.45 0.00	38.89 1.30 0.00	34.84 1.75 0.00	33.75 1.85 0.00	39.40 2.29 0.00	43.80 2.27 0.14	49.63 3.21 0.06	50.90 3.20 1.98	38.22 3.32 18.32	51.25 4.88 25.89	52.17 3.77 2.50	62.73 4.77 0.00	59.95 5.39 0.00	58.78 5.17 -3.64	50.66 4.05 0.00	49.56 3.05 0.80	34.76 2.51 14.17	15.71 2.06 28.54	13.26 1.56 21.03	16.19 1.18 10.67

JAMAICA__27_KV_LOAD 355505	48.40 3.15 0.00	37.42 2.52 0.00	33.78 2.30 0.00	35.80 2.25 0.00	38.00 2.20 0.00	39.71 2.12 0.00	35.38 2.29 0.00	34.39 2.50 0.00	40.06 2.94 0.00	46.94 3.37 -1.89	50.93 3.96 -0.48	54.28 4.25 -0.35	58.83 4.31 -1.30	80.48 6.25 -1.97	56.10 4.57 -0.62	63.44 5.48 0.00	60.31 5.75 0.00	58.82 5.21 -3.64	51.02 4.41 0.00	51.01 3.69 0.00	50.13 3.22 -0.48	45.15 2.85 -0.10	35.11 2.36 -0.02	27.88 1.85 -0.35
JANIS__SOLAR 323808	47.17 1.92 0.00	36.16 1.26 0.00	32.55 1.08 0.00	34.67 1.12 0.00	37.07 1.27 0.00	38.88 1.29 0.00	34.18 1.08 0.00	32.92 1.03 0.00	37.96 0.84 0.00	42.58 0.90 0.00	47.51 1.03 0.00	50.82 1.14 0.00	54.59 1.37 0.00	74.17 1.90 -0.01	53.27 2.36 0.00	60.38 2.42 0.00	56.09 1.53 0.00	51.11 1.13 0.00	48.04 1.42 0.00	49.28 1.96 0.00	48.47 2.04 0.00	43.82 1.63 0.00	33.83 1.10 0.00	26.54 0.86 0.00
JARVIS____ 23743	45.30 0.06 0.00	34.99 0.09 0.00	31.61 0.13 0.00	33.74 0.19 0.00	35.94 0.14 0.00	37.70 0.10 0.00	33.19 0.10 0.00	31.97 0.08 0.00	37.22 0.11 0.00	41.75 0.07 0.00	46.55 0.07 0.00	49.84 0.16 0.00	53.37 0.15 0.00	72.48 0.22 0.00	51.08 0.18 0.00	58.25 0.28 0.00	54.82 0.27 0.00	50.23 0.26 0.00	46.80 0.19 0.00	47.51 0.19 0.00	46.59 0.16 0.00	42.32 0.13 0.00	32.82 0.09 0.00	25.74 0.06 0.00
JENNISON____1 23625	47.33 2.08 0.00	36.28 1.38 0.00	32.69 1.21 0.00	34.80 1.25 0.00	37.17 1.37 0.00	39.08 1.49 0.00	34.32 1.22 0.00	33.17 1.27 0.00	38.64 1.53 0.00	43.48 1.80 0.00	48.49 2.01 0.00	51.79 2.11 0.00	55.61 2.38 0.00	75.58 3.32 0.00	53.70 2.80 0.00	60.35 2.39 0.00	57.38 2.82 0.00	52.29 2.23 -0.09	48.58 1.97 0.00	49.39 2.07 0.00	48.13 1.70 0.00	43.25 1.06 0.00	33.28 0.55 0.00	26.28 0.60 0.00
JENNISON____2 23626	47.33 2.08 0.00	36.28 1.38 0.00	32.69 1.21 0.00	34.80 1.25 0.00	37.17 1.37 0.00	39.08 1.49 0.00	34.32 1.22 0.00	33.17 1.27 0.00	38.64 1.53 0.00	43.48 1.80 0.00	48.49 2.01 0.00	51.79 2.11 0.00	55.61 2.38 0.00	75.58 3.32 0.00	53.70 2.80 0.00	60.35 2.39 0.00	57.38 2.82 0.00	52.29 2.23 -0.09	48.58 1.97 0.00	49.39 2.07 0.00	48.13 1.70 0.00	43.25 1.06 0.00	33.28 0.55 0.00	26.28 0.60 0.00
JERICOHO_RISE_WT_PWR 323719	44.22 -1.03 0.00	34.24 -0.66 0.00	30.80 -0.67 0.00	32.81 -0.74 0.00	35.14 -0.66 0.00	37.20 -0.40 0.00	32.89 -0.20 0.00	31.72 -0.17 0.00	36.82 -0.30 0.00	41.27 -0.41 0.00	45.54 -0.95 0.00	47.99 -1.69 0.00	52.33 -0.89 0.00	71.05 -1.21 0.00	49.33 -1.57 0.00	56.18 -1.79 0.00	53.13 -1.43 0.00	48.56 -1.41 0.00	45.60 -1.02 0.00	46.34 -0.98 0.00	45.69 -0.74 0.00	41.58 -0.61 0.00	32.40 -0.33 0.00	25.60 -0.08 0.00
KATONAH__115KV_46KV_TB4 355592	47.64 2.39 0.00	36.82 1.92 0.00	33.26 1.78 0.00	35.34 1.79 0.00	37.50 1.69 0.00	39.20 1.61 0.00	34.81 1.72 0.00	33.75 1.86 0.00	39.31 2.20 0.00	44.14 2.46 0.00	49.53 3.05 0.00	53.05 3.37 0.00	56.71 3.49 0.00	77.41 5.15 0.00	54.62 3.71 0.00	62.51 4.55 0.00	59.38 4.83 0.00	57.74 4.35 -3.42	50.20 3.58 0.00	50.24 2.92 0.00	48.96 2.53 0.00	44.35 2.16 0.00	34.41 1.68 0.00	27.02 1.34 0.00
KCE_NY_1 323755	47.19 1.94 0.00	36.57 1.67 0.00	33.05 1.57 0.00	35.30 1.75 0.00	37.47 1.67 0.00	39.27 1.68 0.00	34.66 1.56 0.00	33.39 1.50 0.00	38.83 1.72 0.00	43.64 1.95 0.00	48.30 1.82 0.00	51.36 1.68 0.00	54.91 1.68 0.00	74.89 2.63 0.00	52.61 1.70 0.00	60.60 2.64 0.00	57.45 2.89 0.00	52.97 2.66 -0.34	49.05 2.44 0.00	49.72 2.40 0.00	48.69 2.26 0.00	44.09 1.90 0.00	34.13 1.40 0.00	26.74 1.06 0.00
KCE_NY_6_ESR 323823	45.21 -0.04 0.00	34.34 -0.56 0.00	30.78 -0.69 0.00	32.72 -0.83 0.00	35.08 -0.72 0.00	36.87 -0.72 0.00	32.01 -1.09 0.00	30.74 -1.16 0.00	36.06 -1.06 0.00	41.41 -0.27 0.00	47.18 0.70 0.00	50.26 0.57 0.00	53.80 0.58 0.00	71.49 -0.72 0.05	50.07 -0.83 0.00	55.78 -2.18 0.00	45.64 -1.66 7.25	37.80 -1.61 10.57	38.34 -1.60 6.68	46.40 -0.92 0.00	45.63 -0.80 0.00	41.62 -0.57 0.00	32.26 -0.47 0.00	25.32 -0.36 0.00
KEDC_PORT_JEFF_GT2 24210	28.42 1.56 18.38	36.51 1.61 0.00	33.08 1.61 0.00	34.89 1.34 0.00	36.98 1.18 0.00	38.61 1.02 0.00	34.58 1.48 0.00	33.48 1.59 0.00	39.02 1.91 0.00	43.29 1.75 0.14	49.04 2.62 0.06	50.12 2.49 2.05	36.97 2.24 18.49	49.47 3.36 26.14	51.01 2.70 2.59	61.54 3.58 0.00	58.81 4.26 0.00	57.72 4.11 -3.64	49.66 3.05 0.00	48.47 2.05 0.91	33.70 1.57 14.30	14.79 1.39 28.79	12.71 1.20 21.22	15.86 0.95 10.76
KEDC_PORT_JEFF_GT3 24211	28.42 1.56 18.38	36.51 1.61 0.00	33.08 1.61 0.00	34.89 1.34 0.00	36.98 1.18 0.00	38.61 1.02 0.00	34.58 1.48 0.00	33.48 1.59 0.00	39.02 1.91 0.00	43.29 1.75 0.14	49.04 2.62 0.06	50.12 2.49 2.05	36.97 2.24 18.49	49.47 3.36 26.14	51.01 2.70 2.59	61.54 3.58 0.00	58.81 4.26 0.00	57.72 4.11 -3.64	49.66 3.05 0.00	48.47 2.05 0.91	33.70 1.57 14.30	14.79 1.39 28.79	12.71 1.20 21.22	15.86 0.95 10.76
KEDC_GLWD_GT4 24219	42.03 2.44 5.66	36.98 2.08 0.00	33.41 1.93 0.00	35.40 1.85 0.00	37.56 1.76 0.00	39.26 1.67 0.00	34.97 1.88 0.00	33.91 2.01 0.00	39.42 2.31 0.00	44.03 2.49 0.14	49.86 3.41 0.04	52.76 3.59 0.51	51.44 3.38 5.16	70.02 4.94 7.17	54.37 3.81 0.35	62.56 4.59 0.00	59.44 4.88 0.00	58.13 4.52 -3.64	50.19 3.57 0.00	50.05 2.73 0.00	44.53 2.30 4.20	35.32 1.95 8.82	27.83 1.62 6.52	23.87 1.35 3.17
KEDC_GLWD_GT5 24220	42.03 2.44 5.66	36.98 2.08 0.00	33.41 1.93 0.00	35.40 1.85 0.00	37.56 1.76 0.00	39.26 1.67 0.00	34.97 1.88 0.00	33.91 2.01 0.00	39.42 2.31 0.00	44.03 2.49 0.14	49.86 3.41 0.04	52.76 3.59 0.51	51.44 3.38 5.16	70.02 4.94 7.17	54.37 3.81 0.35	62.56 4.59 0.00	59.44 4.88 0.00	58.13 4.52 -3.64	50.19 3.57 0.00	50.05 2.73 0.00	44.53 2.30 4.20	35.32 1.95 8.82	27.83 1.62 6.52	23.87 1.35 3.17
KENSICO____ 23655	47.54 2.29 0.00	36.74 1.84 0.00	33.20 1.72 0.00	35.25 1.70 0.00	37.43 1.62 0.00	39.12 1.53 0.00	34.74 1.65 0.00	33.70 1.81 0.00	39.25 2.14 0.00	44.05 2.37 0.00	49.41 2.92 0.00	52.88 3.20 0.00	56.51 3.28 0.00	77.05 4.80 0.00	54.36 3.46 0.00	62.20 4.24 0.00	59.08 4.52 0.00	57.78 4.13 -3.68	50.02 3.40 0.00	50.10 2.78 0.00	48.81 2.38 0.00	44.23 2.04 0.00	34.35 1.62 0.00	26.98 1.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.73 2.48 0.00	36.76 1.86 0.00	33.15 1.68 0.00	35.24 1.69 0.00	37.43 1.63 0.00	39.12 1.53 0.00	34.73 1.63 0.00	33.73 1.84 0.00	39.23 2.12 0.00	44.00 2.32 0.00	49.21 2.73 0.00	52.70 3.02 0.00	56.49 3.27 0.00	77.02 4.76 0.00	54.42 3.51 0.00	62.56 4.60 0.00	59.36 4.80 0.00	55.86 4.30 -1.59	50.03 3.41 0.00	50.17 2.85 0.00	48.99 2.56 0.00	44.40 2.21 0.00	34.43 1.70 0.00	26.97 1.29 0.00

KIAC_JFK_GT1 23816	48.01 2.77 0.00	37.14 2.24 0.00	33.53 2.06 0.00	35.55 1.99 0.00	37.77 1.96 0.00	39.41 1.82 0.00	35.13 2.03 0.00	34.14 2.25 0.00	39.76 2.65 0.00	46.60 3.03 -1.89	50.55 3.58 -0.48	53.88 3.85 -0.35	58.39 3.87 -1.30	79.90 5.67 -1.97	55.66 4.14 -0.62	62.95 4.99 0.00	59.84 5.29 0.00	58.39 4.77 -3.64	50.63 4.02 0.00	50.61 3.29 0.00	49.74 2.83 -0.48	44.79 2.49 -0.10	34.84 2.09 -0.02	27.67 1.64 -0.35
KIAC_JFK_GT2 23817	48.01 2.77 0.00	37.14 2.24 0.00	33.53 2.06 0.00	35.55 1.99 0.00	37.77 1.96 0.00	39.41 1.82 0.00	35.13 2.03 0.00	34.14 2.25 0.00	39.76 2.65 0.00	46.60 3.03 -1.89	50.55 3.58 -0.48	53.88 3.85 -0.35	58.39 3.87 -1.30	79.90 5.67 -1.97	55.66 4.14 -0.62	62.95 4.99 0.00	59.84 5.29 0.00	58.39 4.77 -3.64	50.63 4.02 0.00	50.61 3.29 0.00	49.74 2.83 -0.48	44.79 2.49 -0.10	34.84 2.09 -0.02	27.67 1.64 -0.35
KIAC_JFK____ 323774	48.01 2.77 0.00	37.14 2.24 0.00	33.53 2.06 0.00	35.55 1.99 0.00	37.76 1.96 0.00	39.41 1.82 0.00	35.13 2.04 0.00	34.14 2.25 0.00	39.76 2.65 0.00	46.58 3.01 -1.89	50.55 3.58 -0.48	53.87 3.84 -0.35	58.37 3.85 -1.30	79.89 5.65 -1.97	55.67 4.14 -0.62	62.95 4.99 0.00	59.85 5.29 0.00	58.38 4.76 -3.64	50.63 4.02 0.00	50.61 3.29 0.00	49.74 2.82 -0.48	44.78 2.49 -0.10	34.84 2.09 -0.02	27.67 1.64 -0.35
KINTIGH__24_KV_GSU 356498	44.97 -0.28 0.00	34.34 -0.56 0.00	30.82 -0.65 0.00	32.70 -0.86 0.00	35.01 -0.80 0.00	36.78 -0.81 0.00	31.98 -1.11 0.00	30.73 -1.17 0.00	36.00 -1.11 0.00	41.19 -0.49 0.00	46.80 0.31 0.00	49.84 0.16 0.00	53.38 0.16 0.00	71.24 -0.99 0.03	49.89 -1.01 0.00	55.76 -2.21 0.00	49.15 -1.74 3.66	43.01 -1.63 5.33	41.58 -1.67 3.37	46.15 -1.17 0.00	45.37 -1.06 0.00	41.42 -0.77 0.00	32.10 -0.63 0.00	25.22 -0.46 0.00
KINTIGH____ 23543	44.93 -0.32 0.00	34.31 -0.59 0.00	30.80 -0.67 0.00	32.67 -0.88 0.00	34.98 -0.82 0.00	36.75 -0.84 0.00	31.95 -1.14 0.00	30.70 -1.19 0.00	35.99 -1.13 0.00	41.14 -0.54 0.00	46.76 0.27 0.00	49.79 0.12 0.00	53.33 0.11 0.00	71.15 -1.09 0.03	49.83 -1.07 0.00	55.72 -2.24 0.00	49.09 -1.80 3.66	42.93 -1.71 5.33	41.51 -1.74 3.37	46.09 -1.23 0.00	45.33 -1.10 0.00	41.38 -0.81 0.00	32.07 -0.66 0.00	25.19 -0.49 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.69 -0.56 0.00	34.63 -0.27 0.00	31.17 -0.31 0.00	33.20 -0.36 0.00	35.49 -0.31 0.00	37.53 -0.06 0.00	33.21 0.11 0.00	32.10 0.20 0.00	37.22 0.11 0.00	41.66 -0.02 0.00	45.98 -0.50 0.00	48.13 -1.55 0.00	52.68 -0.55 0.00	71.59 -0.67 0.00	49.39 -1.52 0.00	56.03 -1.93 0.00	53.09 -1.47 0.00	48.60 -1.37 0.00	45.64 -0.97 0.00	46.30 -1.02 0.00	45.66 -0.77 0.00	41.62 -0.57 0.00	32.50 -0.23 0.00	25.79 0.11 0.00
LACHUTE____HYDRO 323717	48.66 3.42 0.00	38.60 3.70 0.00	34.74 3.26 0.00	37.13 3.58 0.00	38.90 3.09 0.00	40.69 3.10 0.00	36.15 3.06 0.00	34.63 2.73 0.00	39.98 2.87 0.00	45.23 3.55 0.00	49.54 3.06 0.00	52.59 2.91 0.00	56.31 3.08 0.00	76.38 4.12 0.00	53.33 2.43 0.00	61.92 3.96 0.00	59.14 4.58 0.00	54.39 4.09 -0.33	51.12 4.51 0.00	50.78 3.46 0.00	49.61 3.18 0.00	44.98 2.79 0.00	34.81 2.07 0.00	27.09 1.42 0.00
LAWRNCV_115KV_TB1 80681	45.59 0.34 0.00	35.11 0.21 0.00	31.46 -0.01 0.00	33.49 -0.06 0.00	35.94 0.14 0.00	38.09 0.49 0.00	33.45 0.36 0.00	32.28 0.38 0.00	37.71 0.59 0.00	42.15 0.47 0.00	46.84 0.35 0.00	49.90 0.22 0.00	53.17 -0.05 0.00	71.74 -0.51 0.00	50.36 -0.55 0.00	57.38 -0.58 0.00	53.73 -0.82 0.00	49.15 -0.82 0.00	45.99 -0.63 0.00	47.09 -0.23 0.00	46.65 0.22 0.00	42.69 0.50 0.00	33.36 0.63 0.00	26.08 0.40 0.00
LEDERLE____ 23769	47.59 2.35 0.00	36.74 1.85 0.00	33.17 1.70 0.00	35.25 1.70 0.00	37.45 1.65 0.00	39.14 1.55 0.00	34.73 1.63 0.00	33.67 1.78 0.00	39.24 2.13 0.00	44.09 2.41 0.00	49.50 3.02 0.00	53.01 3.33 0.00	56.66 3.44 0.00	77.33 5.07 0.00	54.56 3.65 0.00	62.40 4.43 0.00	59.46 4.91 0.00	59.07 4.46 -4.63	50.29 3.68 0.00	50.44 3.12 0.00	49.09 2.66 0.00	44.44 2.25 0.00	34.47 1.74 0.00	27.02 1.34 0.00
LIGHTHSE_115KV_TB6 355974	44.66 -0.59 0.00	34.33 -0.57 0.00	30.98 -0.49 0.00	33.13 -0.43 0.00	35.52 -0.28 0.00	37.35 -0.24 0.00	32.59 -0.50 0.00	31.40 -0.50 0.00	36.72 -0.39 0.00	41.07 -0.61 0.00	45.95 -0.54 -0.01	49.61 -0.16 -0.09	52.94 -0.28 0.00	74.42 -0.68 -2.84	50.27 -0.64 0.00	56.45 -1.52 0.00	52.94 -1.62 0.00	48.76 -1.22 0.00	45.63 -0.99 0.00	47.11 -0.21 0.00	46.50 0.07 0.00	42.26 0.07 0.00	32.67 -0.06 0.00	25.44 -0.24 0.00
LINDEN COGEN____ 23786	47.65 2.40 0.00	36.84 1.94 0.00	33.26 1.78 0.00	35.27 1.72 0.00	37.44 1.64 0.00	39.15 1.56 0.00	34.83 1.73 0.00	33.84 1.95 0.00	39.46 2.35 0.00	44.61 2.64 -0.28	50.15 3.26 -0.41	53.32 3.47 -0.16	56.28 3.39 0.33	77.18 4.92 0.00	54.51 3.61 0.00	62.33 4.37 0.00	59.28 4.72 0.00	57.88 4.27 -3.64	50.20 3.59 0.00	50.21 2.89 0.00	48.89 2.46 0.00	44.33 2.14 0.00	34.46 1.73 0.00	27.10 1.42 0.00
LINDHRST_69_KV_BK1 356055	31.88 2.32 15.69	37.01 2.11 0.00	33.48 2.00 0.00	35.36 1.81 0.00	37.50 1.69 0.00	39.17 1.58 0.00	35.01 1.91 0.00	33.92 2.02 0.00	39.57 2.46 0.00	43.99 2.45 0.14	49.65 3.22 0.05	51.41 3.27 1.54	41.10 3.56 15.68	55.21 5.03 22.08	52.81 3.77 1.86	62.73 4.76 0.00	59.88 5.33 0.00	58.65 5.03 -3.64	50.65 4.03 0.00	49.98 2.98 0.32	36.76 2.49 12.17	19.70 2.08 24.56	16.24 1.61 18.10	17.79 1.27 9.16
LIPA_MISC_IPP 23656	28.14 1.35 18.46	36.29 1.39 0.00	32.90 1.43 0.00	34.70 1.15 0.00	36.77 0.97 0.00	38.39 0.80 0.00	34.42 1.32 0.00	33.30 1.41 0.00	38.87 1.76 0.00	43.17 1.63 0.14	48.84 2.42 0.05	50.12 2.37 1.94	37.16 2.51 18.57	49.64 3.60 26.22	51.29 2.82 2.44	61.69 3.72 0.00	58.95 4.40 0.00	57.86 4.25 -3.64	49.80 3.18 0.00	48.98 2.32 0.66	34.03 1.97 14.36	14.82 1.55 28.92	12.63 1.20 21.31	15.80 0.93 10.81
LISF____SOLAR 323691	28.25 1.44 18.43	36.36 1.46 0.00	32.97 1.49 0.00	34.77 1.22 0.00	36.84 1.04 0.00	38.46 0.87 0.00	34.49 1.39 0.00	33.37 1.48 0.00	38.95 1.84 0.00	43.24 1.70 0.14	48.97 2.54 0.06	50.20 2.47 1.95	37.21 2.52 18.54	49.79 3.71 26.18	51.37 2.93 2.46	61.85 3.88 0.00	59.12 4.56 0.00	58.03 4.42 -3.64	49.96 3.34 0.00	49.13 2.50 0.69	34.17 2.08 14.34	14.98 1.66 28.87	12.73 1.27 21.27	15.86 0.98 10.79
LITTLE FALLS____HYD 24013	45.93 0.68 0.00	35.57 0.66 0.00	32.31 0.84 0.00	34.55 1.00 0.00	36.64 0.83 0.00	38.19 0.60 0.00	33.72 0.63 0.00	32.32 0.43 0.00	37.61 0.50 0.00	42.21 0.53 0.00	45.76 -0.72 0.00	48.65 -1.02 0.00	52.15 -1.07 0.00	71.39 -0.87 0.00	50.20 -0.71 0.00	59.02 1.06 0.00	55.91 1.36 0.00	50.70 0.73 0.00	46.83 0.21 0.00	47.80 0.48 0.00	47.06 0.63 0.00	42.83 0.64 0.00	33.10 0.37 0.00	25.97 0.29 0.00

LITTLRIV_115KV_TB1 356100	46.26 1.02 0.00	35.60 0.70 0.00	31.90 0.42 0.00	33.93 0.37 0.00	36.42 0.62 0.00	38.61 1.02 0.00	33.94 0.84 0.00	32.71 0.82 0.00	38.19 1.08 0.00	42.57 0.89 0.00	47.56 1.07 0.00	50.50 0.82 0.00	53.24 0.02 0.00	71.77 -0.49 0.00	50.38 -0.52 0.00	57.65 -0.31 0.00	54.20 -0.36 0.00	49.61 -0.36 0.00	46.39 -0.23 0.00	47.65 0.33 0.00	47.33 0.90 0.00	43.35 1.16 0.00	33.83 1.10 0.00	26.42 0.75 0.00
LI_NEWBRDGE___DRP 323616	27.00 1.74 19.99	36.56 1.66 0.00	33.07 1.60 0.00	34.98 1.43 0.00	37.11 1.31 0.00	38.78 1.19 0.00	34.59 1.50 0.00	33.50 1.61 0.00	39.03 1.92 0.00	43.44 1.91 0.14	49.02 2.57 0.04	50.53 2.60 1.75	35.60 2.76 20.38	47.42 3.89 28.73	51.56 2.95 2.30	61.73 3.76 0.00	58.82 4.27 0.00	57.63 4.02 -3.64	49.66 3.05 0.00	49.45 2.13 0.00	32.53 1.75 15.66	12.31 1.44 31.32	10.84 1.18 23.07	14.86 0.95 11.78
LOCKPORT_115KV_TB60_63_64 80432	44.76 -0.49 0.00	34.13 -0.77 0.00	30.57 -0.91 0.00	32.37 -1.18 0.00	34.68 -1.12 0.00	36.49 -1.11 0.00	31.60 -1.49 0.00	30.30 -1.59 0.00	35.58 -1.54 0.00	40.76 -0.92 0.00	46.48 0.00 0.00	49.49 -0.19 0.00	52.97 -0.26 0.00	70.30 -1.92 0.04	49.17 -1.74 0.00	54.73 -3.23 0.00	46.44 -2.40 5.72	39.49 -2.15 8.34	39.09 -2.26 5.27	45.52 -1.80 0.00	44.84 -1.59 0.00	41.06 -1.13 0.00	31.78 -0.95 0.00	25.08 -0.59 0.00
LOCKPORT___CC1 323769	44.66 -0.59 0.00	34.06 -0.84 0.00	30.50 -0.97 0.00	32.32 -1.24 0.00	34.64 -1.16 0.00	36.43 -1.17 0.00	31.55 -1.54 0.00	30.25 -1.64 0.00	35.51 -1.61 0.00	40.72 -0.96 0.00	46.41 -0.07 0.00	49.43 -0.25 0.00	52.90 -0.32 0.00	70.22 -1.99 0.05	49.10 -1.80 0.00	54.63 -3.33 0.00	45.67 -2.54 6.34	38.44 -2.28 9.25	38.43 -2.34 5.84	45.44 -1.88 0.00	44.77 -1.65 0.00	40.99 -1.20 0.00	31.73 -1.00 0.00	25.07 -0.61 0.00
LOCKPORT___CC2 323770	44.66 -0.59 0.00	34.06 -0.84 0.00	30.50 -0.97 0.00	32.32 -1.24 0.00	34.64 -1.16 0.00	36.43 -1.17 0.00	31.55 -1.54 0.00	30.25 -1.64 0.00	35.51 -1.61 0.00	40.72 -0.96 0.00	46.41 -0.07 0.00	49.43 -0.25 0.00	52.90 -0.32 0.00	70.22 -1.99 0.05	49.10 -1.80 0.00	54.63 -3.33 0.00	45.67 -2.54 6.34	38.44 -2.28 9.25	38.43 -2.34 5.84	45.44 -1.88 0.00	44.77 -1.65 0.00	40.99 -1.20 0.00	31.73 -1.00 0.00	25.07 -0.61 0.00
LOCKPORT___CC3 323771	44.66 -0.59 0.00	34.06 -0.84 0.00	30.50 -0.97 0.00	32.32 -1.24 0.00	34.64 -1.16 0.00	36.43 -1.17 0.00	31.55 -1.54 0.00	30.25 -1.64 0.00	35.51 -1.61 0.00	40.72 -0.96 0.00	46.41 -0.07 0.00	49.43 -0.25 0.00	52.90 -0.32 0.00	70.22 -1.99 0.05	49.10 -1.80 0.00	54.63 -3.33 0.00	45.67 -2.54 6.34	38.44 -2.28 9.25	38.43 -2.34 5.84	45.44 -1.88 0.00	44.77 -1.65 0.00	40.99 -1.20 0.00	31.73 -1.00 0.00	25.07 -0.61 0.00
LOCUSVLY_69_KV_BK2 55797	38.64 2.39 8.99	37.01 2.11 0.00	33.45 1.97 0.00	35.41 1.86 0.00	37.55 1.75 0.00	39.26 1.66 0.00	34.99 1.90 0.00	33.91 2.02 0.00	39.52 2.41 0.00	44.11 2.57 0.14	49.82 3.38 0.04	52.40 3.52 0.81	48.04 3.66 8.85	65.14 5.28 12.40	54.04 4.01 0.87	62.86 4.89 0.00	59.81 5.25 0.00	58.50 4.89 -3.64	50.43 3.81 0.00	50.17 2.85 0.00	41.94 2.42 6.92	30.16 2.04 14.06	23.98 1.62 10.37	21.76 1.29 5.21
LONG_LAKE_PHOENIX 24014	44.53 -0.72 0.00	34.25 -0.65 0.00	30.88 -0.60 0.00	32.93 -0.62 0.00	35.15 -0.65 0.00	36.84 -0.75 0.00	32.43 -0.66 0.00	31.23 -0.67 0.00	36.31 -0.80 0.00	40.86 -0.82 0.00	45.79 -0.71 -0.01	49.12 -0.71 -0.14	52.42 -0.80 0.00	75.51 -1.13 -4.38	50.11 -0.79 0.00	56.77 -1.20 0.00	53.52 -1.04 0.00	49.02 -0.95 0.00	45.73 -0.88 0.00	46.65 -0.67 0.00	45.71 -0.72 0.00	41.48 -0.71 0.00	32.15 -0.58 0.00	25.19 -0.49 0.00
LOVETT___3 23632	47.27 2.02 0.00	36.52 1.63 0.00	33.00 1.53 0.00	35.07 1.52 0.00	37.25 1.45 0.00	38.93 1.34 0.00	34.54 1.45 0.00	33.48 1.59 0.00	38.99 1.88 0.00	43.76 2.08 0.00	49.09 2.60 0.00	52.55 2.87 0.00	56.14 2.92 0.00	76.58 4.32 0.00	54.03 3.13 0.00	61.80 3.83 0.00	58.67 4.12 0.00	57.95 3.78 -4.19	49.71 3.10 0.00	49.85 2.53 0.00	48.59 2.16 0.00	44.01 1.82 0.00	34.17 1.44 0.00	26.81 1.13 0.00
LOVETT___4 23642	47.27 2.02 0.00	36.52 1.63 0.00	33.00 1.53 0.00	35.07 1.52 0.00	37.25 1.45 0.00	38.93 1.34 0.00	34.54 1.45 0.00	33.48 1.59 0.00	38.99 1.88 0.00	43.76 2.08 0.00	49.09 2.60 0.00	52.55 2.87 0.00	56.14 2.92 0.00	76.58 4.32 0.00	54.03 3.13 0.00	61.80 3.83 0.00	58.67 4.12 0.00	57.95 3.78 -4.19	49.71 3.10 0.00	49.85 2.53 0.00	48.59 2.16 0.00	44.01 1.82 0.00	34.17 1.44 0.00	26.81 1.13 0.00
LOVETT___5 23593	47.27 2.02 0.00	36.52 1.63 0.00	33.00 1.53 0.00	35.07 1.52 0.00	37.25 1.45 0.00	38.93 1.34 0.00	34.54 1.45 0.00	33.48 1.59 0.00	38.99 1.88 0.00	43.76 2.08 0.00	49.09 2.60 0.00	52.55 2.87 0.00	56.14 2.92 0.00	76.58 4.32 0.00	54.03 3.13 0.00	61.80 3.83 0.00	58.67 4.12 0.00	57.95 3.78 -4.19	49.71 3.10 0.00	49.85 2.53 0.00	48.59 2.16 0.00	44.01 1.82 0.00	34.17 1.44 0.00	26.81 1.13 0.00
LOWER RAQUET___HYD 24057	45.61 0.36 0.00	35.11 0.21 0.00	31.48 0.00 0.00	33.51 -0.04 0.00	35.98 0.17 0.00	38.13 0.54 0.00	33.47 0.38 0.00	32.30 0.41 0.00	37.75 0.64 0.00	42.16 0.48 0.00	46.86 0.37 0.00	49.95 0.26 0.00	53.18 -0.04 0.00	71.73 -0.53 0.00	50.34 -0.56 0.00	57.31 -0.65 0.00	53.64 -0.91 0.00	49.05 -0.93 0.00	45.89 -0.73 0.00	47.06 -0.26 0.00	46.66 0.23 0.00	42.76 0.57 0.00	33.42 0.69 0.00	26.11 0.43 0.00
LOWER___HUDSON 24059	46.41 1.17 0.00	36.08 1.18 0.00	32.68 1.20 0.00	34.92 1.37 0.00	37.00 1.20 0.00	38.74 1.15 0.00	34.23 1.13 0.00	33.01 1.12 0.00	38.25 1.14 0.00	42.84 1.15 0.00	47.62 1.13 0.00	50.80 1.12 0.00	54.40 1.17 0.00	74.25 1.99 0.00	52.12 1.21 0.00	59.87 1.91 0.00	56.62 2.06 0.00	52.47 2.01 -0.49	48.40 1.79 0.00	48.84 1.52 0.00	47.83 1.41 0.00	43.36 1.17 0.00	33.60 0.87 0.00	26.38 0.70 0.00
LOWVILLE_115KV_TB2 356335	44.73 -0.51 0.00	34.43 -0.47 0.00	31.17 -0.31 0.00	33.52 -0.04 0.00	36.14 0.34 0.00	38.22 0.63 0.00	32.86 -0.23 0.00	31.79 -0.10 0.00	37.81 0.70 0.00	41.39 -0.29 0.00	45.96 -0.52 0.00	50.54 0.83 -0.02	54.05 0.83 0.00	73.82 0.84 -0.72	51.34 0.44 0.00	57.21 -0.75 0.00	53.10 -1.46 0.00	49.23 -0.74 0.00	46.31 -0.31 0.00	48.56 1.24 0.00	48.34 1.92 0.00	44.05 1.86 0.00	33.90 1.16 0.00	26.03 0.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	47.16 1.91 0.00	36.57 1.67 0.00	33.06 1.58 0.00	35.31 1.76 0.00	37.47 1.66 0.00	39.25 1.66 0.00	34.65 1.55 0.00	33.39 1.49 0.00	38.79 1.67 0.00	43.59 1.91 0.00	48.21 1.73 0.00	51.29 1.61 0.00	54.85 1.62 0.00	74.82 2.56 0.00	52.59 1.69 0.00	60.55 2.59 0.00	57.42 2.87 0.00	52.95 2.64 -0.34	49.03 2.42 0.00	49.64 2.32 0.00	48.64 2.21 0.00	44.04 1.85 0.00	34.10 1.37 0.00	26.73 1.05 0.00

LUTHERNY_35_KV_BK2 355980	47.19 1.94 0.00	36.57 1.67 0.00	33.05 1.57 0.00	35.30 1.75 0.00	37.47 1.67 0.00	39.27 1.68 0.00	34.65 1.56 0.00	33.39 1.50 0.00	38.83 1.72 0.00	43.64 1.96 0.00	48.30 1.82 0.00	51.35 1.67 0.00	54.91 1.69 0.00	74.89 2.64 0.00	52.61 1.70 0.00	60.60 2.64 0.00	57.45 2.89 0.00	52.97 2.66 -0.34	49.05 2.44 0.00	49.72 2.40 0.00	48.70 2.26 0.00	44.09 1.90 0.00	34.13 1.40 0.00	26.75 1.07 0.00
LWR___OSWEGATCHIE_HYD 23850	45.13 -0.12 0.00	34.73 -0.17 0.00	31.26 -0.21 0.00	33.45 -0.10 0.00	36.00 0.20 0.00	38.12 0.52 0.00	33.12 0.02 0.00	31.99 0.09 0.00	37.68 0.57 0.00	41.71 0.03 0.00	46.40 -0.09 0.00	50.16 0.46 -0.02	53.50 0.27 0.00	72.87 -0.05 -0.66	50.62 -0.28 0.00	56.92 -1.04 0.00	53.07 -1.49 0.00	48.92 -1.05 0.00	45.90 -0.72 0.00	47.63 0.31 0.00	47.36 0.93 0.00	43.29 1.10 0.00	33.61 0.87 0.00	26.04 0.36 0.00
LYONS_FALL_HYD 23570	45.33 0.08 0.00	34.90 0.00 0.00	31.56 0.08 0.00	33.83 0.28 0.00	36.31 0.51 0.00	38.30 0.70 0.00	33.24 0.14 0.00	32.12 0.23 0.00	37.89 0.78 0.00	41.80 0.13 0.00	46.51 0.03 0.00	50.67 0.98 -0.02	54.21 0.99 0.00	73.89 1.17 -0.46	51.75 0.84 0.00	58.14 0.18 0.00	54.15 -0.41 0.00	50.02 0.04 0.00	46.87 0.25 0.00	48.65 1.33 0.00	48.16 1.73 0.00	43.80 1.61 0.00	33.79 1.05 0.00	26.12 0.44 0.00
MADISON___COUNTY_LFGE 323628	46.34 1.10 0.00	35.62 0.72 0.00	32.17 0.69 0.00	34.32 0.77 0.00	36.65 0.85 0.00	38.44 0.85 0.00	33.80 0.71 0.00	32.65 0.75 0.00	38.02 0.90 0.00	42.35 0.67 0.00	47.25 0.76 0.00	50.86 1.19 0.00	54.43 1.20 0.00	73.86 1.60 0.00	52.52 1.62 0.00	59.48 1.52 0.00	55.59 1.04 0.00	50.94 0.96 0.00	47.54 0.92 0.00	48.74 1.42 0.00	47.95 1.52 0.00	43.52 1.33 0.00	33.67 0.94 0.00	26.29 0.61 0.00
MALONE___115KV_TB1 356076	44.98 -0.26 0.00	34.74 -0.15 0.00	31.23 -0.25 0.00	33.24 -0.31 0.00	35.62 -0.18 0.00	37.72 0.12 0.00	33.32 0.22 0.00	32.18 0.29 0.00	37.45 0.33 0.00	41.97 0.29 0.00	46.40 -0.08 0.00	49.10 -0.58 0.00	53.17 -0.05 0.00	71.74 -0.52 0.00	49.90 -1.01 0.00	56.89 -1.07 0.00	53.72 -0.83 0.00	49.24 -0.74 0.00	46.09 -0.52 0.00	47.00 -0.32 0.00	46.45 0.02 0.00	42.37 0.18 0.00	33.03 0.30 0.00	25.99 0.31 0.00
MAPLEWOD_115KV_TB3 80458	46.08 0.83 0.00	35.78 0.88 0.00	32.48 1.00 0.00	34.71 1.16 0.00	36.76 0.96 0.00	38.44 0.85 0.00	34.01 0.91 0.00	32.82 0.93 0.00	38.05 0.93 0.00	42.63 0.95 0.00	47.43 0.95 0.00	50.63 0.95 0.00	54.25 1.03 0.00	74.11 1.85 0.00	52.09 1.19 0.00	59.79 1.83 0.00	56.55 1.99 0.00	52.28 1.87 -0.43	48.17 1.56 0.00	48.60 1.28 0.00	47.59 1.16 0.00	43.14 0.96 0.00	33.43 0.70 0.00	26.29 0.61 0.00
MAPLE_RIDGE_WT_1 323574	44.48 -0.77 0.00	34.42 -0.48 0.00	31.08 -0.39 0.00	33.20 -0.35 0.00	35.50 -0.30 0.00	37.35 -0.24 0.00	32.69 -0.41 0.00	31.49 -0.40 0.00	36.96 -0.15 0.00	41.16 -0.52 0.00	45.85 -0.63 0.00	49.53 -0.15 0.00	53.11 -0.11 0.00	72.00 -0.26 0.00	50.56 -0.34 0.00	57.34 -0.63 0.00	53.70 -0.85 0.00	49.31 -0.66 0.00	46.09 -0.53 0.00	47.08 -0.24 0.00	46.32 -0.11 0.00	42.09 -0.10 0.00	32.59 -0.14 0.00	25.50 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	44.48 -0.77 0.00	34.42 -0.48 0.00	31.08 -0.39 0.00	33.20 -0.35 0.00	35.50 -0.30 0.00	37.35 -0.24 0.00	32.69 -0.41 0.00	31.49 -0.40 0.00	36.96 -0.15 0.00	41.16 -0.52 0.00	45.85 -0.63 0.00	49.53 -0.15 0.00	53.11 -0.11 0.00	72.00 -0.26 0.00	50.56 -0.34 0.00	57.34 -0.63 0.00	53.70 -0.85 0.00	49.31 -0.66 0.00	46.09 -0.53 0.00	47.08 -0.24 0.00	46.32 -0.11 0.00	42.09 -0.10 0.00	32.59 -0.14 0.00	25.50 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	44.24 -1.01 0.00	34.26 -0.64 0.00	30.84 -0.64 0.00	32.86 -0.69 0.00	35.18 -0.63 0.00	37.22 -0.37 0.00	32.92 -0.18 0.00	31.75 -0.14 0.00	36.83 -0.29 0.00	41.26 -0.42 0.00	45.56 -0.93 0.00	47.95 -1.73 0.00	52.27 -0.96 0.00	71.09 -1.17 0.00	49.33 -1.58 0.00	56.14 -1.83 0.00	53.11 -1.44 0.00	48.51 -1.47 0.00	45.52 -1.09 0.00	46.26 -1.06 0.00	45.61 -0.82 0.00	41.51 -0.68 0.00	32.34 -0.39 0.00	25.59 -0.09 0.00
MARSHVLE_115KV_TB1 80742	48.02 2.77 0.00	36.85 1.95 0.00	33.02 1.55 0.00	35.19 1.64 0.00	37.65 1.84 0.00	39.61 2.02 0.00	34.65 1.55 0.00	33.17 1.27 0.00	39.09 1.97 0.00	43.86 2.18 0.00	47.98 1.50 0.00	51.32 1.64 0.00	54.92 1.70 0.00	74.32 2.06 0.00	52.28 1.38 0.00	60.48 2.52 0.00	57.09 2.54 0.00	51.70 1.73 0.00	47.92 1.31 0.00	49.57 2.24 0.00	49.09 2.66 0.00	44.87 2.68 0.00	34.74 2.01 0.00	27.19 1.51 0.00
MARSH_HILL_WT_PWR 323713	44.88 -0.37 0.00	34.21 -0.68 0.00	30.47 -1.01 0.00	32.11 -1.45 0.00	35.25 -0.56 0.00	37.32 -0.27 0.00	32.31 -0.78 0.00	30.98 -0.92 0.00	36.15 -0.96 0.00	41.10 -0.58 0.00	46.87 0.38 0.00	50.18 0.50 0.00	53.58 0.36 0.00	70.58 -1.86 -0.18	48.18 -2.73 0.00	54.00 -3.96 0.00	77.33 -3.57 -26.35	85.42 -3.15 -38.59	68.45 -2.58 -24.41	46.02 -1.30 0.00	45.88 -0.55 0.00	41.99 -0.20 0.00	32.61 -0.12 0.00	25.53 -0.15 0.00
MCINTYRE_115KV_TB2 80467	46.60 1.36 0.00	35.84 0.94 0.00	32.10 0.62 0.00	34.11 0.56 0.00	36.61 0.80 0.00	38.79 1.20 0.00	34.15 1.06 0.00	32.89 0.99 0.00	38.37 1.26 0.00	42.78 1.10 0.00	47.90 1.41 0.00	50.70 1.02 0.00	53.25 0.02 0.00	71.77 -0.49 0.00	50.43 -0.47 0.00	57.79 -0.18 0.00	54.52 -0.03 0.00	49.91 -0.06 0.00	46.71 0.09 0.00	47.96 0.64 0.00	47.64 1.21 0.00	43.58 1.39 0.00	33.97 1.24 0.00	26.55 0.87 0.00
MECO_____69_KV_BK1 80468	48.46 3.21 0.00	37.24 2.34 0.00	33.46 1.99 0.00	35.68 2.13 0.00	38.05 2.25 0.00	39.97 2.38 0.00	35.08 1.98 0.00	33.57 1.67 0.00	39.50 2.39 0.00	44.47 2.78 0.00	47.53 1.05 0.00	50.65 0.97 0.00	54.33 1.11 0.00	73.63 1.37 0.00	51.82 0.92 0.00	61.01 3.05 0.00	58.11 3.56 0.00	52.47 2.49 0.00	48.63 2.02 0.00	50.39 3.07 0.00	49.86 3.43 0.00	45.40 3.21 0.00	35.12 2.39 0.00	27.45 1.77 0.00
MENANDS___115KV_TB5 355628	45.69 0.44 0.00	35.52 0.62 0.00	32.26 0.78 0.00	34.50 0.95 0.00	36.53 0.73 0.00	38.18 0.59 0.00	33.79 0.70 0.00	32.61 0.71 0.00	37.78 0.66 0.00	42.31 0.63 0.00	47.13 0.65 0.00	50.32 0.64 0.00	53.92 0.69 0.00	73.64 1.38 0.00	51.76 0.85 0.00	59.39 1.42 0.00	56.10 1.55 0.00	51.91 1.50 -0.43	47.83 1.21 0.00	48.20 0.88 0.00	47.19 0.76 0.00	42.79 0.60 0.00	33.17 0.44 0.00	26.10 0.42 0.00
MG INDUSTRY___DRP 24185	45.15 -0.10 0.00	35.53 0.63 0.00	32.25 0.78 0.00	34.51 0.96 0.00	36.63 0.83 0.00	38.29 0.70 0.00	33.81 0.72 0.00	32.55 0.66 0.00	37.75 0.64 0.00	42.28 0.60 0.00	47.11 0.62 0.00	50.23 0.55 0.00	53.79 0.57 0.00	73.35 1.10 0.00	51.61 0.71 0.00	59.16 1.20 0.00	55.95 1.39 0.00	51.64 1.33 -0.34	47.72 1.10 0.00	48.18 0.86 0.00	47.22 0.79 0.00	42.87 0.68 0.00	33.24 0.50 0.00	26.16 0.48 0.00

MID___OSWEGATCHIE_HYD 23849	45.13 -0.12 0.00	34.73 -0.17 0.00	31.26 -0.21 0.00	33.45 -0.10 0.00	36.00 0.20 0.00	38.12 0.52 0.00	33.12 0.02 0.00	31.99 0.09 0.00	37.68 0.57 0.00	41.71 0.03 0.00	46.40 -0.09 0.00	50.16 0.46 -0.02	53.50 0.27 0.00	72.87 -0.05 -0.66	50.62 -0.28 0.00	56.92 -1.04 0.00	53.07 -1.49 0.00	48.92 -1.05 0.00	45.90 -0.72 0.00	47.63 0.31 0.00	47.36 0.93 0.00	43.29 1.10 0.00	33.61 0.87 0.00	26.04 0.36 0.00
MID___RAQUETTE_HYD 23851	45.61 0.36 0.00	35.11 0.21 0.00	31.48 0.00 0.00	33.51 -0.04 0.00	35.97 0.17 0.00	38.13 0.54 0.00	33.47 0.38 0.00	32.30 0.41 0.00	37.75 0.64 0.00	42.16 0.47 0.00	46.86 0.37 0.00	49.94 0.26 0.00	53.19 -0.04 0.00	71.73 -0.53 0.00	50.34 -0.56 0.00	57.31 -0.65 0.00	53.64 -0.91 0.00	49.05 -0.93 0.00	45.89 -0.73 0.00	47.06 -0.26 0.00	46.66 0.22 0.00	42.76 0.57 0.00	33.42 0.69 0.00	26.11 0.43 0.00
MILLIKEN___1 23584	46.08 0.84 0.00	35.37 0.47 0.00	31.88 0.41 0.00	33.97 0.42 0.00	36.29 0.48 0.00	38.01 0.42 0.00	33.50 0.40 0.00	32.19 0.29 0.00	37.28 0.17 0.00	41.89 0.21 0.00	46.89 0.41 0.00	50.30 0.61 -0.02	53.91 0.69 0.00	73.77 0.99 -0.52	52.16 1.25 0.00	58.75 0.79 0.00	55.19 0.63 0.00	50.32 0.35 0.00	47.07 0.46 0.00	48.28 0.96 0.00	47.37 0.93 0.00	42.93 0.74 0.00	33.20 0.47 0.00	25.99 0.31 0.00
MILLIKEN___2 23585	46.08 0.84 0.00	35.37 0.47 0.00	31.88 0.41 0.00	33.97 0.42 0.00	36.29 0.48 0.00	38.01 0.42 0.00	33.50 0.40 0.00	32.19 0.29 0.00	37.28 0.17 0.00	41.89 0.21 0.00	46.89 0.41 0.00	50.30 0.61 -0.02	53.91 0.69 0.00	73.77 0.99 -0.52	52.16 1.25 0.00	58.75 0.79 0.00	55.19 0.63 0.00	50.32 0.35 0.00	47.07 0.46 0.00	48.28 0.96 0.00	47.37 0.93 0.00	42.93 0.74 0.00	33.20 0.47 0.00	25.99 0.31 0.00
MILLIKEN___DIESEL 23629	46.08 0.84 0.00	35.37 0.47 0.00	31.88 0.41 0.00	33.97 0.42 0.00	36.29 0.48 0.00	38.01 0.42 0.00	33.50 0.40 0.00	32.19 0.29 0.00	37.28 0.17 0.00	41.89 0.21 0.00	46.89 0.41 0.00	50.30 0.61 -0.02	53.91 0.69 0.00	73.77 0.99 -0.52	52.16 1.25 0.00	58.75 0.79 0.00	55.19 0.63 0.00	50.32 0.35 0.00	47.07 0.46 0.00	48.28 0.96 0.00	47.37 0.93 0.00	42.93 0.74 0.00	33.20 0.47 0.00	25.99 0.31 0.00
MILLSEAT___LFGE 323607	45.91 0.67 0.00	34.97 0.07 0.00	31.33 -0.14 0.00	33.18 -0.38 0.00	35.54 -0.27 0.00	37.38 -0.21 0.00	32.47 -0.63 0.00	31.14 -0.76 0.00	36.55 -0.56 0.00	41.82 0.14 0.00	47.46 0.97 0.00	50.63 0.95 0.00	54.26 1.04 0.00	72.21 0.00 0.04	51.37 0.47 0.00	57.35 -0.61 0.00	51.51 -0.04 3.01	45.64 0.05 4.38	43.85 0.00 2.77	48.05 0.73 0.00	47.38 0.95 0.00	43.22 1.03 0.00	33.35 0.61 0.00	26.16 0.48 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.43 2.18 0.00	36.66 1.76 0.00	33.12 1.65 0.00	35.18 1.63 0.00	37.35 1.55 0.00	39.05 1.46 0.00	34.67 1.58 0.00	33.61 1.72 0.00	39.14 2.03 0.00	43.92 2.24 0.00	49.26 2.78 0.00	52.72 3.04 0.00	56.34 3.12 0.00	76.85 4.59 0.00	54.21 3.30 0.00	62.03 4.06 0.00	58.90 4.35 0.00	57.68 3.96 -3.74	49.90 3.28 0.00	49.99 2.66 0.00	48.71 2.28 0.00	44.14 1.95 0.00	34.28 1.54 0.00	26.91 1.24 0.00
MILLWOOD_13_KV_LOAD 356217	47.51 2.26 0.00	36.72 1.83 0.00	33.18 1.70 0.00	35.25 1.70 0.00	37.41 1.60 0.00	39.10 1.51 0.00	34.73 1.63 0.00	33.67 1.78 0.00	39.21 2.10 0.00	44.01 2.33 0.00	49.36 2.88 0.00	52.84 3.16 0.00	56.47 3.24 0.00	77.02 4.76 0.00	54.35 3.44 0.00	62.17 4.20 0.00	59.05 4.50 0.00	57.83 4.11 -3.74	50.01 3.40 0.00	50.09 2.77 0.00	48.81 2.39 0.00	44.22 2.04 0.00	34.33 1.60 0.00	26.96 1.28 0.00
MODEL_CITY_ENERGY 24167	44.37 -0.87 0.00	33.84 -1.06 0.00	30.33 -1.15 0.00	32.10 -1.46 0.00	34.39 -1.41 0.00	36.19 -1.40 0.00	31.32 -1.78 0.00	30.02 -1.87 0.00	35.23 -1.88 0.00	40.41 -1.27 0.00	46.08 -0.40 0.00	49.04 -0.64 0.00	52.49 -0.74 0.00	69.70 -2.52 0.04	48.75 -2.16 0.00	54.22 -3.75 0.00	45.94 -2.80 5.82	39.08 -2.40 8.49	38.71 -2.55 5.36	45.09 -2.23 0.00	44.41 -2.02 0.00	40.70 -1.49 0.00	31.50 -1.23 0.00	24.87 -0.80 0.00
MODERN_LFGE___ 323580	44.37 -0.87 0.00	33.84 -1.06 0.00	30.33 -1.15 0.00	32.10 -1.46 0.00	34.39 -1.41 0.00	36.19 -1.40 0.00	31.32 -1.78 0.00	30.02 -1.87 0.00	35.23 -1.88 0.00	40.41 -1.27 0.00	46.08 -0.40 0.00	49.04 -0.64 0.00	52.49 -0.74 0.00	69.70 -2.52 0.04	48.75 -2.16 0.00	54.22 -3.75 0.00	45.94 -2.80 5.82	39.08 -2.40 8.49	38.71 -2.55 5.36	45.09 -2.23 0.00	44.41 -2.02 0.00	40.70 -1.49 0.00	31.50 -1.23 0.00	24.87 -0.80 0.00
MOHAWK_PAPER___DRP 24187	46.08 0.83 0.00	35.78 0.88 0.00	32.48 1.00 0.00	34.71 1.16 0.00	36.76 0.96 0.00	38.44 0.85 0.00	34.01 0.91 0.00	32.82 0.93 0.00	38.05 0.93 0.00	42.63 0.95 0.00	47.43 0.95 0.00	50.63 0.95 0.00	54.25 1.03 0.00	74.11 1.85 0.00	52.09 1.19 0.00	59.79 1.83 0.00	56.55 1.99 0.00	52.28 1.87 -0.43	48.17 1.56 0.00	48.60 1.28 0.00	47.59 1.16 0.00	43.14 0.96 0.00	33.43 0.70 0.00	26.29 0.61 0.00
MOHICAN___35_KV_115KV_LD 80490	47.34 2.10 0.00	36.81 1.91 0.00	33.23 1.76 0.00	35.50 1.95 0.00	37.63 1.82 0.00	39.44 1.85 0.00	34.83 1.74 0.00	33.55 1.66 0.00	38.93 1.82 0.00	43.83 2.15 0.00	48.24 1.75 0.00	51.18 1.50 0.00	54.64 1.42 0.00	74.57 2.31 0.00	52.44 1.53 0.00	60.43 2.46 0.00	57.43 2.88 0.00	52.97 2.66 -0.33	49.26 2.65 0.00	49.82 2.50 0.00	48.77 2.34 0.00	44.17 1.98 0.00	34.15 1.42 0.00	26.74 1.06 0.00
MONGAUP___HYD 23641	47.57 2.33 0.00	36.70 1.80 0.00	33.12 1.64 0.00	35.23 1.68 0.00	37.43 1.63 0.00	39.14 1.55 0.00	34.65 1.55 0.00	33.46 1.57 0.00	38.70 1.59 0.00	43.23 1.54 0.00	48.32 1.84 0.00	51.70 2.02 0.00	55.48 2.25 0.00	75.58 3.33 0.00	53.55 2.65 0.00	61.62 3.65 0.00	58.59 4.03 0.00	48.86 3.61 4.73	49.32 2.70 0.00	49.64 2.32 0.00	48.53 2.10 0.00	44.24 2.05 0.00	34.27 1.53 0.00	26.86 1.18 0.00
MONTAUK___DIESEL 23721	28.88 2.09 18.45	36.59 1.70 0.00	33.68 2.20 0.00	35.43 1.88 0.00	37.34 1.54 0.00	38.97 1.38 0.00	35.36 2.27 0.00	34.30 2.41 0.00	40.67 3.56 0.00	45.40 3.86 0.14	51.35 4.92 0.06	52.91 5.17 1.94	39.91 5.24 18.56	52.88 6.84 26.21	53.24 4.78 2.45	63.75 5.79 0.00	60.47 5.91 0.00	58.75 5.13 -3.64	50.15 3.53 0.00	48.92 2.27 0.67	34.07 1.99 14.36	15.47 2.18 28.90	13.97 2.54 21.30	17.00 2.12 10.80
MOONROAD_115KV_HARTFLD_TB1-2 355988	45.54 0.29 0.00	34.23 -0.67 0.00	31.43 -0.04 0.00	33.53 -0.02 0.00	35.68 -0.12 0.00	37.26 -0.33 0.00	32.41 -0.68 0.00	31.21 -0.68 0.00	36.69 -0.42 0.00	42.45 0.77 0.00	48.28 1.80 0.00	51.47 1.79 0.00	54.87 1.64 0.00	72.86 0.63 0.03	51.42 0.52 0.00	57.27 -0.70 0.00	49.45 -0.72 4.38	42.56 -1.02 6.39	41.70 -0.89 4.03	47.62 0.30 0.00	46.68 0.25 0.00	42.20 0.01 0.00	32.86 0.12 0.00	25.93 0.25 0.00

MORRIS_RIDGE___SOLAR 323848	44.63 -0.62 0.00	34.07 -0.83 0.00	30.39 -1.08 0.00	32.31 -1.24 0.00	35.06 -0.74 0.00	36.85 -0.75 0.00	31.97 -1.12 0.00	30.61 -1.29 0.00	35.74 -1.37 0.00	40.70 -0.98 0.00	46.33 -0.15 0.00	49.38 -0.30 0.00	52.72 -0.50 0.00	69.99 -1.98 0.29	48.58 -2.32 0.00	54.27 -3.69 0.00	10.40 -3.27 40.87	-12.82 -3.14 59.65	6.28 -2.66 37.68	45.94 -1.38 0.00	45.52 -0.91 0.00	41.52 -0.67 0.00	32.21 -0.52 0.00	25.27 -0.41 0.00
MORTIMER_115KV_TB3 55949	45.63 0.38 0.00	34.89 -0.01 0.00	31.33 -0.15 0.00	33.26 -0.29 0.00	35.57 -0.23 0.00	37.36 -0.24 0.00	32.62 -0.47 0.00	31.40 -0.50 0.00	36.74 -0.37 0.00	41.81 0.13 0.00	47.31 0.83 0.00	50.56 0.88 0.00	54.12 0.89 0.00	72.68 0.42 0.00	50.98 0.08 0.00	57.27 -0.69 0.00	54.18 -0.37 0.00	49.59 -0.39 0.00	46.16 -0.46 0.00	47.31 -0.01 0.00	46.43 0.00 0.00	42.25 0.06 0.00	32.68 -0.05 0.00	25.60 -0.07 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	47.84 2.59 0.00	36.98 2.08 0.00	33.40 1.93 0.00	35.44 1.89 0.00	37.61 1.80 0.00	39.32 1.73 0.00	34.97 1.88 0.00	33.95 2.06 0.00	39.57 2.45 0.00	47.08 2.74 -2.66	50.51 3.34 -0.68	53.70 3.62 -0.39	56.91 3.69 0.00	77.56 5.30 0.00	54.75 3.85 0.00	62.62 4.65 0.00	59.52 4.97 0.00	58.11 4.49 -3.64	50.34 3.73 0.00	50.38 3.06 0.00	49.06 2.63 0.00	44.48 2.29 0.00	34.56 1.83 0.00	27.17 1.49 0.00
MUNSVILLE_WIND_PWR 323609	48.40 3.16 0.00	37.14 2.24 0.00	33.42 1.95 0.00	35.60 2.04 0.00	38.07 2.26 0.00	39.94 2.35 0.00	35.07 1.97 0.00	33.96 2.07 0.00	39.51 2.39 0.00	44.49 2.81 0.00	49.54 3.06 0.00	52.85 3.17 0.00	56.75 3.53 0.00	77.22 4.96 -0.01	55.35 4.44 0.00	62.47 4.51 0.00	58.55 4.00 0.00	53.12 3.07 -0.08	49.55 2.93 0.00	50.66 3.34 0.00	49.79 3.36 0.00	44.76 2.57 0.00	34.53 1.80 0.00	27.20 1.52 0.00
N SALMON___HYD 24042	44.98 -0.26 0.00	34.74 -0.15 0.00	31.23 -0.25 0.00	33.24 -0.31 0.00	35.63 -0.18 0.00	37.72 0.12 0.00	33.32 0.22 0.00	32.18 0.29 0.00	37.45 0.33 0.00	41.97 0.29 0.00	46.40 -0.08 0.00	49.10 -0.58 0.00	53.17 -0.05 0.00	71.74 -0.51 0.00	49.89 -1.01 0.00	56.89 -1.07 0.00	53.72 -0.83 0.00	49.24 -0.74 0.00	46.09 -0.52 0.00	47.00 -0.32 0.00	46.45 0.02 0.00	42.37 0.18 0.00	33.03 0.30 0.00	25.99 0.31 0.00
N.AKRON__115KV_KNAPP 355671	45.80 0.55 0.00	34.90 0.00 0.00	31.26 -0.21 0.00	33.11 -0.45 0.00	35.47 -0.34 0.00	37.30 -0.29 0.00	32.39 -0.71 0.00	31.06 -0.83 0.00	36.48 -0.63 0.00	41.72 0.04 0.00	47.41 0.93 0.00	50.53 0.85 0.00	54.14 0.92 0.00	72.32 0.10 0.03	50.48 -0.42 0.00	56.29 -1.68 0.00	49.12 -0.98 4.45	42.65 -0.84 6.49	41.58 -0.94 4.10	46.99 -0.33 0.00	46.32 -0.11 0.00	42.32 0.13 0.00	32.69 -0.04 0.00	25.71 0.04 0.00
N.E_GEN_SANDY PD 24062	45.60 1.13 0.78	37.36 1.21 -1.25	32.69 1.22 0.00	34.89 1.34 0.00	36.82 1.13 0.11	38.63 1.04 0.00	34.21 1.12 0.00	33.18 1.18 -0.11	38.33 1.22 0.00	42.84 1.16 0.00	47.82 1.33 0.00	51.14 1.46 0.00	54.82 1.57 -0.02	74.89 2.63 0.00	48.25 1.67 4.32	60.31 2.35 0.00	56.95 2.51 0.12	55.09 2.45 -2.67	46.86 2.09 1.85	48.57 1.60 0.35	47.83 1.40 0.00	43.32 1.13 0.00	34.67 0.88 -1.06	24.97 0.73 1.44
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	47.43 2.18 0.00	36.62 1.72 0.00	33.07 1.60 0.00	35.15 1.59 0.00	37.34 1.53 0.00	39.02 1.43 0.00	34.62 1.52 0.00	33.55 1.66 0.00	39.10 1.98 0.00	43.90 2.22 0.00	49.29 2.80 0.00	52.79 3.11 0.00	56.41 3.18 0.00	76.98 4.73 0.00	54.31 3.41 0.00	62.13 4.16 0.00	59.06 4.50 0.00	58.47 4.09 -4.41	49.96 3.35 0.00	50.11 2.78 0.00	48.81 2.38 0.00	44.19 2.00 0.00	34.29 1.56 0.00	26.90 1.22 0.00
N.QUEENS_27_KV_LOAD 356247	48.22 2.97 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.54 1.99 0.00	37.81 2.01 0.00	39.49 1.89 0.00	35.21 2.12 0.00	34.19 2.30 0.00	39.81 2.70 0.00	46.88 2.72 -2.49	50.11 3.03 -0.60	53.77 3.71 -0.39	57.78 3.85 -0.70	78.68 5.35 -1.07	55.28 4.04 -0.33	62.78 4.82 0.00	59.67 5.11 0.00	58.31 4.70 -3.64	50.47 3.86 0.00	50.29 2.97 0.00	49.37 2.69 -0.26	44.73 2.48 -0.05	34.90 2.16 -0.01	27.54 1.67 -0.19
N.TROY___115KV_TB1 355778	46.41 1.17 0.00	36.08 1.18 0.00	32.68 1.21 0.00	34.93 1.38 0.00	37.00 1.20 0.00	38.74 1.15 0.00	34.22 1.13 0.00	33.01 1.12 0.00	38.25 1.14 0.00	42.84 1.16 0.00	47.62 1.14 0.00	50.80 1.12 0.00	54.40 1.17 0.00	74.27 2.01 0.00	52.12 1.22 0.00	59.87 1.91 0.00	56.62 2.06 0.00	52.48 2.02 -0.49	48.40 1.79 0.00	48.84 1.52 0.00	47.84 1.41 0.00	43.36 1.17 0.00	33.60 0.87 0.00	26.38 0.71 0.00
NARROWS_GT1_1 24228	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT1_2 24229	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT1_3 24230	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT1_4 24231	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT1_5 24232	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00

NARROWS_GT1_6 24233	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT1_7 24234	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT1_8 24235	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_1 24236	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_2 24237	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_3 24238	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_4 24239	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_5 24240	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_6 24241	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_7 24242	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NARROWS_GT2_8 24243	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	59.26 2.74 -14.84	50.83 3.13 -1.21	54.53 3.58 -1.27	57.25 3.61 -0.41	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.15 4.53 -3.64	50.46 3.85 0.00	50.41 3.08 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.34 1.09 0.00	36.05 1.15 0.00	32.71 1.23 0.00	34.98 1.43 0.00	37.09 1.28 0.00	38.78 1.19 0.00	34.31 1.21 0.00	33.05 1.16 0.00	38.23 1.12 0.00	42.71 1.03 0.00	47.83 1.35 0.00	50.64 0.96 0.00	54.27 1.04 0.00	74.27 2.01 0.00	52.31 1.40 0.00	60.17 2.21 0.00	57.16 2.61 0.00	53.30 2.58 -0.75	48.72 2.11 0.00	48.96 1.64 0.00	48.09 1.66 0.00	43.66 1.47 0.00	33.78 1.05 0.00	26.60 0.92 0.00
NCHELSEA_115KV_TR2 355582	47.77 2.52 0.00	36.91 2.01 0.00	33.33 1.85 0.00	35.44 1.89 0.00	37.61 1.80 0.00	39.29 1.70 0.00	34.86 1.77 0.00	33.77 1.88 0.00	39.31 2.20 0.00	44.13 2.45 0.00	49.49 3.01 0.00	53.02 3.34 0.00	56.75 3.53 0.00	77.43 5.17 0.00	54.65 3.75 0.00	62.63 4.67 0.00	59.42 4.87 0.00	57.13 4.36 -2.80	50.17 3.55 0.00	50.31 2.98 0.00	49.07 2.64 0.00	44.45 2.26 0.00	34.47 1.73 0.00	27.04 1.36 0.00
NEG CAPITAL____MECHNVIL 23645	47.25 2.01 0.00	36.65 1.75 0.00	33.12 1.65 0.00	35.38 1.82 0.00	37.52 1.72 0.00	39.30 1.71 0.00	34.71 1.62 0.00	33.46 1.57 0.00	38.89 1.77 0.00	43.67 1.99 0.00	48.33 1.85 0.00	51.49 1.81 0.00	55.06 1.83 0.00	75.15 2.89 0.00	52.82 1.92 0.00	60.83 2.87 0.00	57.65 3.10 0.00	53.25 2.87 -0.42	49.20 2.59 0.00	49.80 2.48 0.00	48.77 2.34 0.00	44.17 1.98 0.00	34.18 1.45 0.00	26.79 1.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.82 -0.43 0.00	34.30 -0.60 0.00	30.82 -0.66 0.00	32.75 -0.81 0.00	35.02 -0.79 0.00	36.76 -0.83 0.00	32.18 -0.91 0.00	30.99 -0.91 0.00	36.18 -0.93 0.00	41.10 -0.58 0.00	46.44 -0.04 0.00	49.64 -0.05 0.00	53.14 -0.09 0.00	72.07 -0.68 -0.48	50.31 -0.59 0.00	56.64 -1.33 0.00	53.52 -1.03 0.00	48.96 -1.02 0.00	45.58 -1.04 0.00	46.63 -0.69 0.00	45.73 -0.70 0.00	41.55 -0.64 0.00	32.13 -0.60 0.00	25.16 -0.52 0.00

NEG CENTRAL___DRP 24199	45.60 0.35 0.00	34.93 0.03 0.00	31.44 -0.04 0.00	33.45 -0.11 0.00	35.81 0.01 0.00	37.54 -0.05 0.00	33.03 -0.07 0.00	31.73 -0.17 0.00	36.88 -0.23 0.00	41.64 -0.04 0.00	46.86 0.38 0.00	50.12 0.40 -0.04	53.60 0.38 0.00	73.86 0.47 -1.13	51.30 0.40 0.00	57.40 -0.56 0.00	56.99 -0.23 -2.66	53.42 -0.48 -3.93	48.81 -0.29 -2.49	47.70 0.38 0.00	46.79 0.36 0.00	42.43 0.24 0.00	32.83 0.10 0.00	25.69 0.01 0.00
NEG CENTRAL___INDECK 23768	46.56 1.31 0.00	35.74 0.84 0.00	31.97 0.49 0.00	33.88 0.33 0.00	36.55 0.74 0.00	38.51 0.92 0.00	33.58 0.48 0.00	32.19 0.30 0.00	37.23 0.11 0.00	42.24 0.56 0.00	47.99 1.51 0.00	51.26 1.57 0.00	54.48 1.26 0.00	72.38 -0.06 -0.18	49.60 -1.31 0.00	55.63 -2.33 0.00	78.93 -2.22 -26.59	86.80 -2.06 -38.89	69.42 -1.78 -24.59	46.87 -0.45 0.00	46.54 0.12 0.00	42.53 0.34 0.00	33.53 0.79 0.00	26.38 0.71 0.00
NEG CENTRAL___SENECA 23627	45.81 0.56 0.00	35.04 0.14 0.00	31.49 0.01 0.00	33.47 -0.08 0.00	35.92 0.12 0.00	37.68 0.09 0.00	33.10 0.00 0.00	31.80 -0.10 0.00	36.99 -0.12 0.00	41.83 0.15 0.00	47.16 0.68 0.00	50.34 0.64 -0.02	53.82 0.59 0.00	73.63 0.69 -0.69	51.35 0.45 0.00	57.22 -0.74 0.00	58.55 -0.32 -4.32	55.78 -0.56 -6.37	50.33 -0.32 -4.04	47.90 0.58 0.00	46.96 0.53 0.00	42.60 0.40 0.00	32.94 0.21 0.00	25.76 0.08 0.00
NEG CENTRAL___STATE_STREET 24147	45.57 0.32 0.00	35.06 0.16 0.00	31.60 0.12 0.00	33.68 0.13 0.00	35.90 0.10 0.00	37.58 -0.01 0.00	33.19 0.10 0.00	31.82 -0.07 0.00	36.89 -0.22 0.00	41.52 -0.16 0.00	46.58 0.09 0.00	49.95 0.23 -0.04	53.45 0.22 0.00	74.15 0.53 -1.36	51.60 0.69 0.00	57.89 -0.08 0.00	54.74 0.19 0.00	49.80 -0.18 0.00	46.54 -0.07 0.00	47.84 0.52 0.00	46.96 0.53 0.00	42.59 0.40 0.00	32.96 0.23 0.00	25.78 0.11 0.00
NEG MILLWOOD___DRP 24198	47.87 2.62 0.00	36.99 2.09 0.00	33.40 1.92 0.00	35.50 1.95 0.00	37.65 1.85 0.00	39.37 1.77 0.00	34.95 1.86 0.00	33.88 1.99 0.00	39.46 2.35 0.00	44.33 2.65 0.00	49.74 3.26 0.00	53.29 3.61 0.00	57.01 3.79 0.00	77.81 5.55 0.00	54.92 4.01 0.00	62.92 4.95 0.00	59.74 5.18 0.00	57.74 4.66 -3.11	50.43 3.82 0.00	50.50 3.17 0.00	49.21 2.78 0.00	44.58 2.39 0.00	34.57 1.84 0.00	27.12 1.44 0.00
NEG NORTH_FLCN_SEA 23793	44.36 -0.89 0.00	34.40 -0.50 0.00	30.97 -0.50 0.00	33.01 -0.55 0.00	35.28 -0.52 0.00	37.29 -0.30 0.00	33.05 -0.04 0.00	31.92 0.03 0.00	36.98 -0.14 0.00	41.37 -0.31 0.00	45.65 -0.84 0.00	47.76 -1.92 0.00	52.11 -1.12 0.00	71.01 -1.25 0.00	48.91 -2.00 0.00	55.41 -2.56 0.00	52.44 -2.11 0.00	47.90 -2.08 0.00	44.93 -1.69 0.00	45.60 -1.72 0.00	44.98 -1.45 0.00	41.00 -1.19 0.00	32.10 -0.64 0.00	25.60 -0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	44.32 -0.93 0.00	34.32 -0.58 0.00	30.89 -0.59 0.00	32.89 -0.66 0.00	35.22 -0.58 0.00	37.28 -0.31 0.00	32.96 -0.13 0.00	31.78 -0.11 0.00	36.88 -0.24 0.00	41.31 -0.37 0.00	45.58 -0.90 0.00	48.01 -1.67 0.00	52.34 -0.89 0.00	71.07 -1.19 0.00	49.34 -1.57 0.00	56.19 -1.78 0.00	53.14 -1.42 0.00	48.67 -1.30 0.00	45.64 -0.98 0.00	46.37 -0.96 0.00	45.76 -0.67 0.00	41.68 -0.51 0.00	32.48 -0.25 0.00	25.66 -0.01 0.00
NEG NORTH___ALICE_FALLS 23915	44.69 -0.56 0.00	34.63 -0.27 0.00	31.17 -0.31 0.00	33.20 -0.36 0.00	35.49 -0.31 0.00	37.53 -0.06 0.00	33.21 0.11 0.00	32.10 0.20 0.00	37.22 0.11 0.00	41.66 -0.02 0.00	45.98 -0.50 0.00	48.13 -1.55 0.00	52.68 -0.55 0.00	71.59 -0.67 0.00	49.39 -1.52 0.00	56.03 -1.93 0.00	53.09 -1.47 0.00	48.60 -1.37 0.00	45.64 -0.97 0.00	46.30 -1.02 0.00	45.66 -0.77 0.00	41.62 -0.57 0.00	32.50 -0.23 0.00	25.79 0.11 0.00
NEG NORTH___LWR_SARANAC 23913	44.69 -0.56 0.00	34.63 -0.27 0.00	31.17 -0.31 0.00	33.20 -0.36 0.00	35.49 -0.31 0.00	37.53 -0.06 0.00	33.21 0.11 0.00	32.10 0.20 0.00	37.22 0.11 0.00	41.66 -0.02 0.00	45.98 -0.50 0.00	48.13 -1.55 0.00	52.68 -0.55 0.00	71.59 -0.67 0.00	49.39 -1.52 0.00	56.03 -1.93 0.00	53.09 -1.47 0.00	48.60 -1.37 0.00	45.64 -0.97 0.00	46.30 -1.02 0.00	45.66 -0.77 0.00	41.62 -0.57 0.00	32.50 -0.23 0.00	25.79 0.11 0.00
NEG NORTH___PLATTSBURG 23628	44.69 -0.56 0.00	34.63 -0.27 0.00	31.17 -0.31 0.00	33.20 -0.36 0.00	35.49 -0.31 0.00	37.53 -0.06 0.00	33.21 0.11 0.00	32.10 0.20 0.00	37.22 0.11 0.00	41.66 -0.02 0.00	45.98 -0.50 0.00	48.13 -1.55 0.00	52.68 -0.55 0.00	71.59 -0.67 0.00	49.39 -1.52 0.00	56.03 -1.93 0.00	53.09 -1.46 0.00	48.60 -1.37 0.00	45.64 -0.98 0.00	46.30 -1.02 0.00	45.66 -0.77 0.00	41.62 -0.57 0.00	32.50 -0.23 0.00	25.79 0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	44.66 -0.59 0.00	34.06 -0.84 0.00	30.51 -0.97 0.00	32.32 -1.24 0.00	34.64 -1.16 0.00	36.42 -1.17 0.00	31.54 -1.55 0.00	30.25 -1.64 0.00	35.52 -1.59 0.00	40.70 -0.98 0.00	46.43 -0.05 0.00	49.43 -0.25 0.00	52.90 -0.33 0.00	70.19 -2.03 0.05	49.08 -1.82 0.00	54.63 -3.33 0.00	45.66 -2.55 6.34	38.41 -2.31 9.25	38.39 -2.38 5.84	45.42 -1.89 0.00	44.77 -1.66 0.00	40.99 -1.20 0.00	31.73 -1.00 0.00	25.06 -0.62 0.00
NEG WEST___LANCASTR 23811	44.63 -0.62 0.00	33.96 -0.94 0.00	30.50 -0.98 0.00	32.36 -1.19 0.00	34.72 -1.09 0.00	36.44 -1.15 0.00	31.73 -1.37 0.00	30.49 -1.40 0.00	35.76 -1.36 0.00	40.98 -0.71 0.00	46.59 0.11 0.00	49.60 -0.08 0.00	53.13 -0.10 0.00	70.78 -1.43 0.04	49.58 -1.33 0.00	55.39 -2.57 0.00	46.98 -2.00 5.56	39.82 -2.03 8.12	39.45 -2.03 5.13	45.97 -1.35 0.00	45.12 -1.31 0.00	41.12 -1.07 0.00	31.85 -0.88 0.00	25.00 -0.68 0.00
NEG_PENN_ALLEGHNY 23528	45.59 0.34 0.00	34.96 0.06 0.00	31.55 0.07 0.00	33.62 0.07 0.00	35.95 0.15 0.00	37.65 0.06 0.00	33.13 0.03 0.00	31.85 -0.04 0.00	37.06 -0.06 0.00	41.87 0.19 0.00	46.94 0.46 0.00	50.28 0.60 0.00	53.91 0.69 0.00	73.10 0.84 0.00	51.67 0.77 0.00	58.39 0.43 0.00	54.97 0.41 0.00	50.12 0.07 -0.08	46.71 0.10 0.00	47.80 0.48 0.00	46.72 0.29 0.00	42.36 0.16 0.00	32.78 0.05 0.00	25.71 0.04 0.00
NEG___GEN_MONROE 24207	46.06 0.81 0.00	35.16 0.26 0.00	31.55 0.07 0.00	33.47 -0.08 0.00	35.80 0.00 0.00	37.60 0.01 0.00	32.84 -0.26 0.00	31.58 -0.31 0.00	36.94 -0.17 0.00	42.09 0.41 0.00	47.61 1.13 0.00	50.86 1.18 0.00	54.50 1.27 0.00	73.30 1.04 0.00	51.26 0.35 0.00	57.51 -0.46 0.00	54.47 -0.08 0.00	49.89 -0.08 0.00	46.47 -0.15 0.00	47.70 0.38 0.00	46.87 0.44 0.00	42.66 0.47 0.00	32.98 0.25 0.00	25.83 0.15 0.00
NEPA___ENERGY 23901	45.18 -0.07 0.00	34.17 -0.73 0.00	30.91 -0.56 0.00	32.86 -0.70 0.00	35.22 -0.59 0.00	36.88 -0.71 0.00	32.22 -0.88 0.00	30.89 -1.01 0.00	36.14 -0.97 0.00	41.56 -0.12 0.00	47.13 0.65 0.00	50.31 0.63 0.00	53.84 0.62 0.00	72.04 -0.18 0.04	50.78 -0.13 0.00	56.64 -1.33 0.00	48.44 -0.88 5.23	41.05 -1.29 7.63	40.48 -1.31 4.82	47.04 -0.28 0.00	45.91 -0.51 0.00	41.64 -0.55 0.00	32.31 -0.42 0.00	25.34 -0.34 0.00

NEVERSINK___HYD 23608	46.69 1.44 0.00	35.98 1.08 0.00	32.46 0.98 0.00	34.51 0.96 0.00	36.67 0.87 0.00	38.32 0.73 0.00	34.05 0.95 0.00	33.13 1.24 0.00	38.54 1.43 0.00	43.21 1.53 0.00	48.18 1.70 0.00	51.56 1.88 0.00	55.24 2.01 0.00	75.36 3.10 0.00	53.27 2.37 0.00	61.17 3.21 0.00	57.97 3.41 0.00	54.55 3.06 -1.52	48.94 2.32 0.00	49.15 1.83 0.00	48.01 1.58 0.00	43.51 1.32 0.00	33.73 1.00 0.00	26.42 0.74 0.00
NEWKRMKL_115KV_TB1 55635	45.49 0.24 0.00	35.35 0.45 0.00	32.13 0.65 0.00	34.35 0.80 0.00	36.38 0.58 0.00	38.01 0.42 0.00	33.67 0.58 0.00	32.48 0.59 0.00	37.62 0.51 0.00	42.16 0.48 0.00	46.95 0.47 0.00	50.12 0.44 0.00	53.71 0.49 0.00	73.35 1.10 0.00	51.59 0.69 0.00	59.20 1.24 0.00	55.94 1.39 0.00	51.64 1.30 -0.36	47.62 1.00 0.00	48.03 0.71 0.00	47.02 0.59 0.00	42.63 0.44 0.00	33.04 0.31 0.00	26.01 0.33 0.00
NEWTON___FALLS_HYD 23847	45.13 -0.12 0.00	34.73 -0.17 0.00	31.26 -0.21 0.00	33.45 -0.10 0.00	36.00 0.20 0.00	38.12 0.52 0.00	33.12 0.02 0.00	31.99 0.09 0.00	37.68 0.57 0.00	41.71 0.03 0.00	46.40 -0.09 0.00	50.16 0.46 -0.02	53.50 0.27 0.00	72.87 -0.05 -0.66	50.62 -0.28 0.00	56.92 -1.04 0.00	53.07 -1.49 0.00	48.92 -1.05 0.00	45.90 -0.72 0.00	47.63 0.31 0.00	47.36 0.93 0.00	43.29 1.10 0.00	33.61 0.87 0.00	26.04 0.36 0.00
NGRID_A1_DSASP 323792	44.24 -1.01 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.36 -1.44 0.00	36.09 -1.51 0.00	31.24 -1.86 0.00	29.97 -1.92 0.00	35.17 -1.94 0.00	40.37 -1.32 0.00	46.06 -0.42 0.00	49.02 -0.66 0.00	52.48 -0.74 0.00	69.71 -2.51 0.04	48.74 -2.16 0.00	54.26 -3.70 0.00	45.35 -3.44 5.76	38.29 -3.28 8.40	38.25 -3.06 5.31	44.71 -2.61 0.00	44.04 -2.39 0.00	40.38 -1.81 0.00	31.44 -1.29 0.00	24.72 -0.96 0.00
NGRID_A2_DSASP 323793	44.24 -1.01 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.36 -1.44 0.00	36.09 -1.51 0.00	31.24 -1.86 0.00	29.97 -1.92 0.00	35.17 -1.94 0.00	40.37 -1.32 0.00	46.06 -0.42 0.00	49.02 -0.66 0.00	52.48 -0.74 0.00	69.71 -2.51 0.04	48.74 -2.16 0.00	54.26 -3.70 0.00	45.35 -3.44 5.76	38.29 -3.28 8.40	38.25 -3.06 5.31	44.71 -2.61 0.00	44.04 -2.39 0.00	40.38 -1.81 0.00	31.44 -1.29 0.00	24.72 -0.96 0.00
NGRID_A4_DSASP 323807	44.24 -1.01 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.36 -1.44 0.00	36.09 -1.51 0.00	31.24 -1.86 0.00	29.97 -1.92 0.00	35.17 -1.94 0.00	40.37 -1.32 0.00	46.06 -0.42 0.00	49.02 -0.66 0.00	52.48 -0.74 0.00	69.71 -2.51 0.04	48.74 -2.16 0.00	54.26 -3.70 0.00	45.35 -3.44 5.76	38.29 -3.28 8.40	38.25 -3.06 5.31	44.71 0.00	44.04 -2.39 0.00	40.38 -1.81 0.00	31.44 -1.29 0.00	24.72 -0.96 0.00
NIAGARA_115E_LBMP 323715	44.16 -1.08 0.00	33.69 -1.21 0.00	30.19 -1.29 0.00	31.95 -1.60 0.00	34.23 -1.58 0.00	36.02 -1.57 0.00	31.16 -1.94 0.00	29.86 -2.03 0.00	35.05 -2.07 0.00	40.19 -1.49 0.00	45.86 -0.62 0.00	48.79 -0.89 0.00	52.22 -1.01 0.00	69.34 -2.87 0.04	48.51 -2.40 0.00	53.92 -4.05 0.00	45.68 -3.00 5.88	38.85 -2.56 8.57	38.48 -2.73 5.41	44.85 -2.47 0.00	44.17 -2.26 0.00	40.49 -1.70 0.00	31.34 -1.39 0.00	24.76 -0.91 0.00
NIAGARA_115W_LBMP 323714	44.14 -1.11 0.00	33.66 -1.24 0.00	30.19 -1.29 0.00	31.99 -1.57 0.00	34.30 -1.51 0.00	36.01 -1.58 0.00	31.18 -1.92 0.00	29.91 -1.98 0.00	35.10 -2.02 0.00	40.28 -1.40 0.00	45.96 -0.52 0.00	48.90 -0.78 0.00	52.36 -0.86 0.00	69.53 -2.69 0.04	48.64 -2.27 0.00	54.14 -3.83 0.00	45.23 -3.59 5.73	38.21 -3.40 8.36	38.17 -3.17 5.28	44.58 -2.74 0.00	43.92 -2.51 0.00	40.27 -1.92 0.00	31.37 -1.36 0.00	24.66 -1.01 0.00
NIAGARA_230_LBMP 323716	44.41 -0.84 0.00	33.88 -1.02 0.00	30.39 -1.09 0.00	32.20 -1.36 0.00	34.49 -1.31 0.00	36.26 -1.34 0.00	31.41 -1.69 0.00	30.14 -1.75 0.00	35.35 -1.76 0.00	40.55 -1.13 0.00	46.21 -0.27 0.00	49.18 -0.50 0.00	52.66 -0.57 0.00	70.00 -2.22 0.04	48.95 -1.95 0.00	54.54 -3.42 0.00	46.22 -2.86 5.47	39.36 -2.64 7.98	38.94 -2.64 5.04	45.19 -2.13 0.00	44.49 -1.94 0.00	40.72 -1.47 0.00	31.58 -1.15 0.00	24.86 -0.82 0.00
NIAGARA___115KV_198_GIBSON 55903	44.14 -1.11 0.00	33.67 -1.23 0.00	30.19 -1.29 0.00	31.99 -1.57 0.00	34.29 -1.51 0.00	36.01 -1.58 0.00	31.17 -1.92 0.00	29.91 -1.98 0.00	35.11 -2.00 0.00	40.26 -1.42 0.00	45.97 -0.51 0.00	48.90 -0.78 0.00	52.36 -0.87 0.00	69.49 -2.72 0.04	48.62 -2.28 0.00	54.14 -3.83 0.00	45.22 -3.60 5.73	38.17 -3.45 8.36	38.11 -3.23 5.28	44.57 -2.75 0.00	43.91 -2.52 0.00	40.27 -1.93 0.00	31.37 -1.36 0.00	24.66 -1.02 0.00
NIAGARA____ 23760	44.41 -0.84 0.00	33.88 -1.02 0.00	30.39 -1.09 0.00	32.20 -1.36 0.00	34.49 -1.31 0.00	36.26 -1.34 0.00	31.41 -1.69 0.00	30.14 -1.75 0.00	35.35 -1.76 0.00	40.55 -1.13 0.00	46.21 -0.27 0.00	49.18 -0.50 0.00	52.66 -0.57 0.00	70.00 -2.22 0.04	48.95 -1.95 0.00	54.54 -3.42 0.00	46.11 -2.86 5.59	39.20 -2.64 8.14	38.84 -2.64 5.13	45.19 -2.13 0.00	44.49 -1.94 0.00	40.72 -1.47 0.00	31.58 -1.15 0.00	24.86 -0.82 0.00
NINE_MILE_1 23575	43.97 -1.28 0.00	33.85 -1.05 0.00	30.53 -0.94 0.00	32.55 -1.00 0.00	34.73 -1.07 0.00	36.41 -1.19 0.00	32.05 -1.05 0.00	30.86 -1.03 0.00	35.90 -1.21 0.00	40.41 -1.27 0.00	45.15 -1.30 0.03	47.82 -1.32 0.54	51.78 -1.45 0.00	53.55 -2.06 16.64	49.55 -1.36 0.00	56.18 -1.79 0.00	52.93 -1.62 0.00	48.45 -1.53 0.00	45.18 -1.44 0.00	46.01 -1.31 0.00	45.11 -1.31 0.00	40.97 -1.22 0.00	31.76 -0.97 0.00	24.90 -0.77 0.00
NINE_MILE_2 23744	43.98 -1.27 0.00	33.85 -1.05 0.00	30.53 -0.94 0.00	32.55 -1.00 0.00	34.74 -1.07 0.00	36.41 -1.19 0.00	32.05 -1.05 0.00	30.86 -1.03 0.00	35.91 -1.20 0.00	40.41 -1.27 0.00	45.15 -1.30 0.03	47.82 -1.32 0.55	51.78 -1.44 0.00	53.40 -2.06 16.80	49.55 -1.36 0.00	56.18 -1.79 0.00	52.93 -1.62 0.00	48.45 -1.52 0.00	45.19 -1.42 0.00	46.01 -1.31 0.00	45.11 -1.31 0.00	40.97 -1.22 0.00	31.76 -0.97 0.00	24.90 -0.77 0.00
NM_CAPITAL___DRP 24208	45.56 0.31 0.00	35.42 0.52 0.00	32.20 0.72 0.00	34.43 0.87 0.00	36.45 0.65 0.00	38.09 0.49 0.00	33.72 0.63 0.00	32.53 0.64 0.00	37.67 0.56 0.00	42.20 0.52 0.00	47.02 0.53 0.00	50.20 0.52 0.00	53.80 0.57 0.00	73.46 1.20 0.00	51.63 0.72 0.00	59.22 1.26 0.00	55.97 1.41 0.00	51.70 1.36 -0.37	47.69 1.08 0.00	48.06 0.74 0.00	47.07 0.63 0.00	42.68 0.49 0.00	33.09 0.36 0.00	26.05 0.37 0.00
NM_CENTRAL___DRP 24181	44.97 -0.27 0.00	34.58 -0.32 0.00	31.17 -0.31 0.00	33.23 -0.32 0.00	35.47 -0.33 0.00	37.17 -0.42 0.00	32.73 -0.37 0.00	31.51 -0.38 0.00	36.61 -0.50 0.00	41.22 -0.46 0.00	46.20 -0.28 0.00	49.52 -0.18 -0.02	53.01 -0.21 0.00	72.43 -0.35 -0.52	50.83 -0.07 0.00	57.49 -0.48 0.00	54.16 -0.39 0.00	49.54 -0.43 0.00	46.21 -0.40 0.00	47.09 -0.23 0.00	46.15 -0.28 0.00	41.86 -0.33 0.00	32.41 -0.32 0.00	25.39 -0.29 0.00

NM_FRONTIER___DRP 24179	44.14 -1.11 0.00	33.67 -1.23 0.00	30.19 -1.29 0.00	31.99 -1.57 0.00	34.29 -1.51 0.00	36.01 -1.58 0.00	31.17 -1.92 0.00	29.91 -1.98 0.00	35.11 -2.00 0.00	40.26 -1.42 0.00	45.97 -0.51 0.00	48.90 -0.78 0.00	52.36 -0.87 0.00	69.49 -2.72 0.04	48.62 -2.28 0.00	54.14 -3.83 0.00	45.22 -3.60 5.73	38.17 -3.45 8.36	38.11 -3.23 5.28	44.57 -2.75 0.00	43.91 -2.52 0.00	40.27 -1.93 0.00	31.37 -1.36 0.00	24.66 -1.02 0.00
NM_ST_REGIS___HYD 24053	45.45 0.20 0.00	35.03 0.13 0.00	31.43 -0.05 0.00	33.45 -0.10 0.00	35.90 0.09 0.00	38.04 0.45 0.00	33.45 0.36 0.00	32.29 0.39 0.00	37.69 0.57 0.00	42.12 0.44 0.00	46.72 0.24 0.00	49.73 0.05 0.00	53.20 -0.02 0.00	71.72 -0.54 0.00	50.20 -0.70 0.00	57.17 -0.80 0.00	53.66 -0.89 0.00	49.09 -0.88 0.00	45.91 -0.70 0.00	47.02 -0.30 0.00	46.60 0.17 0.00	42.68 0.49 0.00	33.33 0.60 0.00	26.10 0.42 0.00
NORTHPORT___1 23551	27.60 1.11 18.76	36.26 1.36 0.00	32.90 1.42 0.00	34.72 1.17 0.00	36.82 1.02 0.00	38.44 0.85 0.00	34.37 1.27 0.00	33.21 1.32 0.00	38.68 1.57 0.00	42.83 1.30 0.14	47.95 1.82 0.35	45.15 1.67 6.20	36.21 1.79 18.80	47.26 2.65 27.65	44.91 2.08 8.07	60.82 2.86 0.00	58.08 3.52 0.00	57.06 3.44 -3.64	49.09 2.47 0.00	39.57 1.42 9.17	32.88 1.02 14.57	13.61 0.80 29.38	11.75 0.67 21.65	15.30 0.59 10.97
NORTHPORT___2 23552	27.60 1.11 18.76	36.26 1.36 0.00	32.90 1.42 0.00	34.72 1.17 0.00	36.82 1.02 0.00	38.44 0.85 0.00	34.37 1.27 0.00	33.21 1.32 0.00	38.68 1.57 0.00	42.83 1.30 0.14	47.95 1.82 0.35	45.15 1.67 6.20	36.21 1.79 18.80	47.26 2.65 27.65	44.91 2.08 8.07	60.82 2.86 0.00	58.08 3.52 0.00	57.06 3.44 -3.64	49.09 2.47 0.00	39.57 1.42 9.17	32.88 1.02 14.57	13.61 0.80 29.38	11.75 0.67 21.65	15.30 0.59 10.97
NORTHPORT___3 23553	27.67 1.09 18.66	36.30 1.40 0.00	32.91 1.44 0.00	34.78 1.22 0.00	36.86 1.06 0.00	38.51 0.92 0.00	34.40 1.30 0.00	33.25 1.36 0.00	38.73 1.62 0.00	42.93 1.39 0.14	47.95 1.82 0.35	45.10 1.62 6.20	36.19 1.76 18.79	47.19 2.58 27.65	44.83 2.03 8.11	60.73 2.77 0.00	57.92 3.37 0.00	56.92 3.30 -3.64	48.88 2.27 0.00	39.39 1.24 9.17	32.72 0.83 14.53	13.62 0.66 29.22	11.81 0.62 21.53	15.30 0.56 10.93
NORTHPORT___4 23650	27.67 1.09 18.66	36.30 1.40 0.00	32.91 1.44 0.00	34.78 1.22 0.00	36.86 1.06 0.00	38.51 0.92 0.00	34.40 1.30 0.00	33.25 1.36 0.00	38.73 1.62 0.00	42.93 1.39 0.14	47.95 1.82 0.35	45.10 1.62 6.20	36.19 1.76 18.79	47.19 2.58 27.65	44.83 2.03 8.11	60.73 2.77 0.00	57.92 3.37 0.00	56.92 3.30 -3.64	48.88 2.27 0.00	39.39 1.24 9.17	32.72 0.83 14.53	13.62 0.66 29.22	11.81 0.62 21.53	15.30 0.56 10.93
NORTHPORT___IC 23718	27.61 1.12 18.76	36.26 1.36 0.00	32.90 1.42 0.00	34.72 1.17 0.00	36.82 1.01 0.00	38.45 0.86 0.00	34.37 1.27 0.00	33.21 1.32 0.00	38.68 1.56 0.00	42.83 1.30 0.14	47.93 1.80 0.35	45.15 1.67 6.20	36.29 1.87 18.80	47.30 2.69 27.65	44.92 2.09 8.07	60.82 2.86 0.00	58.07 3.52 0.00	57.06 3.44 -3.64	49.09 2.47 0.00	39.57 1.42 9.17	32.95 1.09 14.57	13.64 0.83 29.38	11.78 0.70 21.65	15.32 0.61 10.97
NORTH___COUNTRY_ESR 323785	44.22 -1.03 0.00	34.24 -0.66 0.00	30.80 -0.67 0.00	32.81 -0.74 0.00	35.14 -0.66 0.00	37.20 -0.40 0.00	32.89 -0.20 0.00	31.72 -0.17 0.00	36.82 -0.30 0.00	41.27 -0.41 0.00	45.54 -0.95 0.00	47.99 -1.69 0.00	52.33 -0.89 0.00	71.05 -1.21 0.00	49.33 -1.57 0.00	56.18 -1.79 0.00	53.13 -1.43 0.00	48.56 -1.41 0.00	45.60 -1.02 0.00	46.34 -0.98 0.00	45.69 -0.74 0.00	41.58 -0.61 0.00	32.40 -0.33 0.00	25.60 -0.08 0.00
NPX_GEN_1385_PROXY 323591	34.17 1.47 12.55	37.11 1.62 -0.58	33.16 1.69 0.00	34.72 1.17 0.00	36.82 1.02 0.00	38.44 0.85 0.00	34.37 1.27 0.00	33.21 1.31 0.00	38.57 1.46 0.00	42.63 1.10 0.14	47.52 1.39 0.35	44.81 1.33 6.20	36.17 1.75 18.80	46.95 2.34 27.65	44.67 1.83 8.07	60.77 2.81 0.00	58.16 3.61 0.00	57.67 4.06 -3.64	49.65 3.03 0.00	40.59 1.67 8.40	33.56 1.51 14.38	13.90 1.09 29.38	12.58 0.82 20.97	13.57 0.54 12.64
NPX_GEN_CSC 323557	34.11 1.11 12.25	36.68 1.19 -0.58	32.75 1.27 0.00	34.53 0.98 0.00	36.57 0.76 0.00	38.18 0.59 0.00	34.27 1.17 0.00	33.16 1.26 0.00	38.75 1.64 0.00	43.04 1.50 0.14	48.74 2.32 0.05	49.99 2.25 1.94	36.95 2.29 18.57	49.46 3.42 26.22	51.18 2.71 2.44	61.58 3.62 0.00	58.89 4.33 0.00	57.79 4.17 -3.64	49.71 3.09 0.00	49.61 2.19 -0.10	34.03 1.77 14.17	14.67 1.39 28.91	13.18 1.08 20.63	14.02 0.83 12.48
NSINS_S_GLNS_FALLS 23858	47.31 2.06 0.00	36.78 1.89 0.00	33.20 1.73 0.00	35.47 1.91 0.00	37.57 1.77 0.00	39.40 1.81 0.00	34.79 1.70 0.00	33.52 1.63 0.00	38.88 1.77 0.00	43.80 2.11 0.00	48.17 1.69 0.00	51.08 1.40 0.00	54.56 1.34 0.00	74.44 2.19 0.00	52.36 1.46 0.00	60.41 2.45 0.00	57.42 2.87 0.00	52.92 2.61 -0.33	49.26 2.64 0.00	49.78 2.46 0.00	48.74 2.31 0.00	44.12 1.93 0.00	34.11 1.38 0.00	26.70 1.02 0.00
NUCOR_STEEL___DRP 24197	45.50 0.25 0.00	35.02 0.12 0.00	31.57 0.09 0.00	33.67 0.12 0.00	35.86 0.06 0.00	37.52 -0.07 0.00	33.17 0.08 0.00	31.78 -0.11 0.00	36.84 -0.27 0.00	41.47 -0.22 0.00	46.50 0.02 0.00	49.88 0.15 -0.05	53.36 0.13 0.00	74.01 0.28 -1.47	51.39 0.48 0.00	57.84 -0.13 0.00	54.64 0.08 0.00	49.78 -0.19 0.00	46.52 -0.09 0.00	47.78 0.46 0.00	46.87 0.45 0.00	42.52 0.33 0.00	32.91 0.18 0.00	25.76 0.08 0.00
NUMBER_THREE_WT_PWR 323818	44.62 -0.63 0.00	34.34 -0.55 0.00	31.09 -0.39 0.00	33.45 -0.10 0.00	36.08 0.28 0.00	38.17 0.58 0.00	32.79 -0.30 0.00	31.72 -0.18 0.00	37.76 0.65 0.00	41.32 -0.36 0.00	45.90 -0.59 0.00	50.49 0.79 -0.02	54.04 0.81 0.00	73.80 0.79 -0.75	51.28 0.37 0.00	57.10 -0.86 0.00	52.98 -1.57 0.00	49.13 -0.84 0.00	46.20 -0.42 0.00	48.51 1.19 0.00	48.30 1.87 0.00	44.01 1.82 0.00	33.86 1.13 0.00	25.99 0.31 0.00
NYISO_LBMP_REFERENCE 24008	45.25 0.00 0.00	34.90 0.00 0.00	31.48 0.00 0.00	33.55 0.00 0.00	35.80 0.00 0.00	37.59 0.00 0.00	33.10 0.00 0.00	31.89 0.00 0.00	37.11 0.00 0.00	41.68 0.00 0.00	46.48 0.00 0.00	49.68 0.00 0.00	53.23 0.00 0.00	72.26 0.00 0.00	50.90 0.00 0.00	57.96 0.00 0.00	54.55 0.00 0.00	49.97 0.00 0.00	46.61 0.00 0.00	47.32 0.00 0.00	46.43 0.00 0.00	42.19 0.00 0.00	32.73 0.00 0.00	25.68 0.00 0.00
NYPA_BRENTWD____GT 24164	29.12 1.96 18.09	36.81 1.91 0.00	33.34 1.86 0.00	35.19 1.63 0.00	37.31 1.51 0.00	38.96 1.36 0.00	34.84 1.74 0.00	33.73 1.84 0.00	39.32 2.21 0.00	43.66 2.12 0.14	49.30 2.88 0.06	50.51 2.83 2.00	38.11 3.05 18.16	51.00 4.41 25.67	51.69 3.29 2.51	62.10 4.14 0.00	59.33 4.77 0.00	58.19 4.57 -3.64	50.18 3.56 0.00	48.98 2.51 0.85	34.34 1.97 14.06	15.50 1.64 28.33	13.23 1.37 20.88	16.19 1.09 10.58

NYPA_GOWANUS____GT5 24156	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.13 4.51 -3.64	50.45 3.84 0.00	50.40 3.08 0.00	49.20 2.76 -0.01	44.74 2.55 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NYPA_GOWANUS____GT6 24157	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.80 2.00 0.00	39.51 1.92 0.00	35.19 2.09 0.00	34.16 2.26 0.00	39.78 2.67 0.00	44.34 2.74 0.08	50.10 3.13 -0.49	53.44 3.58 -0.19	56.83 3.61 0.00	77.43 5.17 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.13 4.51 -3.64	50.45 3.84 0.00	50.40 3.08 0.00	49.20 2.76 -0.01	44.74 2.55 0.00	34.83 2.09 0.00	27.29 1.61 0.00
NYPA_HARLEM__RVR__GT1 24160	48.11 2.87 0.00	37.16 2.26 0.00	33.54 2.06 0.00	35.48 1.93 0.00	37.75 1.94 0.00	39.41 1.82 0.00	35.15 2.06 0.00	34.12 2.22 0.00	39.73 2.62 0.00	47.18 2.66 -2.83	50.06 2.97 -0.60	53.63 3.59 -0.36	56.94 3.70 -0.02	77.38 5.13 0.00	54.80 3.89 0.00	62.63 4.66 0.00	59.51 4.96 0.00	58.17 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	48.99 2.57 0.00	44.57 2.38 0.00	34.81 2.08 0.00	27.29 1.61 0.00
NYPA_HARLEM__RVR__GT2 24161	48.11 2.87 0.00	37.16 2.26 0.00	33.54 2.06 0.00	35.48 1.93 0.00	37.75 1.94 0.00	39.41 1.82 0.00	35.15 2.06 0.00	34.12 2.22 0.00	39.73 2.62 0.00	47.18 2.66 -2.83	50.06 2.97 -0.60	53.63 3.59 -0.36	56.94 3.70 -0.02	77.38 5.13 0.00	54.80 3.89 0.00	62.63 4.66 0.00	59.51 4.96 0.00	58.17 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	48.99 2.57 0.00	44.57 2.38 0.00	34.81 2.08 0.00	27.29 1.61 0.00
NYPA_KENT____GT 24152	48.16 2.91 0.00	37.18 2.28 0.00	33.57 2.09 0.00	35.55 2.00 0.00	37.76 1.96 0.00	39.47 1.88 0.00	35.16 2.07 0.00	34.14 2.25 0.00	39.79 2.68 0.00	55.18 2.80 -10.71	50.74 3.23 -1.03	54.31 3.67 -0.96	57.18 3.68 -0.28	77.42 5.17 0.00	54.85 3.94 0.00	62.65 4.68 0.00	59.56 5.01 0.00	58.14 4.53 -3.64	50.42 3.81 0.00	50.29 2.98 0.00	49.06 2.63 0.00	44.63 2.44 0.00	34.76 2.03 0.00	27.28 1.60 0.00
NYPA_POUCHI____GT 24155	48.26 3.01 0.00	37.24 2.34 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.01 0.00	39.53 1.93 0.00	35.17 2.07 0.00	34.14 2.24 0.00	39.71 2.60 0.00	42.02 2.57 2.22	49.70 2.90 -0.32	53.02 3.31 -0.03	56.23 3.34 0.33	77.08 4.83 0.00	54.68 3.77 0.00	62.40 4.44 0.00	59.38 4.83 0.00	57.96 4.34 -3.64	50.39 3.78 0.00	50.39 3.07 0.00	49.24 2.81 -0.01	44.76 2.57 0.00	34.82 2.09 0.00	27.26 1.59 0.00
NYPA_VERNON____GT2 24162	48.05 2.80 0.00	37.12 2.22 0.00	33.53 2.06 0.00	35.52 1.96 0.00	37.71 1.91 0.00	39.43 1.84 0.00	35.13 2.04 0.00	34.13 2.23 0.00	39.79 2.68 0.00	51.10 2.85 -6.57	50.64 3.34 -0.82	54.10 3.76 -0.66	57.12 3.75 -0.14	77.50 5.24 0.00	54.86 3.96 0.00	62.70 4.74 0.00	59.58 5.03 0.00	58.18 4.56 -3.64	50.41 3.80 0.00	50.24 2.92 0.00	48.96 2.53 0.00	44.51 2.32 0.00	34.70 1.97 0.00	27.27 1.59 0.00
NYPA_VERNON____GT3 24163	48.05 2.80 0.00	37.12 2.22 0.00	33.53 2.06 0.00	35.52 1.96 0.00	37.71 1.91 0.00	39.43 1.84 0.00	35.13 2.04 0.00	34.13 2.23 0.00	39.79 2.68 0.00	51.10 2.85 -6.57	50.64 3.34 -0.82	54.10 3.76 -0.66	57.12 3.75 -0.14	77.50 5.24 0.00	54.86 3.96 0.00	62.70 4.74 0.00	59.58 5.03 0.00	58.18 4.56 -3.64	50.41 3.80 0.00	50.24 2.92 0.00	48.96 2.53 0.00	44.51 2.32 0.00	34.70 1.97 0.00	27.27 1.59 0.00
NYPA__ASTORIA_CC1 323568	48.00 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.92 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.36 2.78 -4.90	50.43 3.22 -0.73	53.89 3.68 -0.54	56.98 3.67 -0.08	77.34 5.08 0.00	54.78 3.87 0.00	62.60 4.64 0.00	59.49 4.93 0.00	58.11 4.49 -3.64	50.35 3.74 0.00	50.14 2.82 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
NYPA__ASTORIA_CC2 323569	48.00 2.76 0.00	37.08 2.18 0.00	33.51 2.03 0.00	35.47 1.92 0.00	37.67 1.87 0.00	39.37 1.78 0.00	35.10 2.00 0.00	34.09 2.20 0.00	39.74 2.63 0.00	49.36 2.78 -4.90	50.43 3.22 -0.73	53.89 3.68 -0.54	56.98 3.67 -0.08	77.34 5.08 0.00	54.78 3.87 0.00	62.60 4.64 0.00	59.49 4.93 0.00	58.11 4.49 -3.64	50.35 3.74 0.00	50.14 2.82 0.00	48.89 2.46 0.00	44.45 2.26 0.00	34.67 1.94 0.00	27.25 1.58 0.00
NYPA__HOLTSVILL 23794	28.20 1.43 18.49	36.40 1.50 0.00	32.99 1.52 0.00	34.81 1.26 0.00	36.90 1.10 0.00	38.51 0.92 0.00	34.49 1.40 0.00	33.37 1.48 0.00	38.91 1.79 0.00	43.17 1.63 0.14	48.84 2.42 0.05	50.09 2.33 1.92	37.00 2.36 18.59	49.50 3.49 26.25	51.24 2.75 2.42	61.57 3.61 0.00	58.83 4.28 0.00	57.72 4.11 -3.64	49.69 3.08 0.00	48.84 2.15 0.63	33.77 1.72 14.38	14.63 1.40 28.95	12.50 1.11 21.33	15.73 0.88 10.82
NYPA____HELLGATE_GT1 24158	48.11 2.87 0.00	37.16 2.26 0.00	33.54 2.06 0.00	35.48 1.93 0.00	37.75 1.94 0.00	39.41 1.82 0.00	35.15 2.06 0.00	34.12 2.22 0.00	39.73 2.62 0.00	47.18 2.66 -2.83	50.09 2.97 -0.63	53.66 3.59 -0.39	56.94 3.70 -0.02	77.43 5.17 0.00	54.82 3.91 0.00	62.63 4.66 0.00	59.51 4.96 0.00	58.17 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	48.99 2.57 0.00	44.57 2.38 0.00	34.81 2.08 0.00	27.29 1.61 0.00
NYPA____HELLGATE_GT2 24159	48.11 2.87 0.00	37.16 2.26 0.00	33.54 2.06 0.00	35.48 1.93 0.00	37.75 1.94 0.00	39.41 1.82 0.00	35.15 2.06 0.00	34.12 2.22 0.00	39.73 2.62 0.00	47.18 2.66 -2.83	50.09 2.97 -0.63	53.66 3.59 -0.39	56.94 3.70 -0.02	77.43 5.17 0.00	54.82 3.91 0.00	62.63 4.66 0.00	59.51 4.96 0.00	58.17 4.55 -3.64	50.35 3.73 0.00	50.17 2.85 0.00	48.99 2.57 0.00	44.57 2.38 0.00	34.81 2.08 0.00	27.29 1.61 0.00
NYS_BARGE__HYD 23848	44.76 -0.49 0.00	34.12 -0.78 0.00	30.57 -0.91 0.00	32.37 -1.18 0.00	34.68 -1.12 0.00	36.49 -1.10 0.00	31.60 -1.49 0.00	30.30 -1.59 0.00	35.57 -1.55 0.00	40.78 -0.90 0.00	46.47 -0.01 0.00	49.49 -0.19 0.00	52.98 -0.24 0.00	70.34 -1.87 0.04	49.18 -1.73 0.00	54.73 -3.23 0.00	46.44 -2.40 5.72	39.54 -2.09 8.34	39.14 -2.21 5.27	45.53 -1.79 0.00	44.85 -1.58 0.00	41.07 -1.13 0.00	31.79 -0.95 0.00	25.09 -0.59 0.00
OAK ORCHARD__HYD 24046	45.63 0.38 0.00	34.89 -0.01 0.00	31.33 -0.15 0.00	33.26 -0.29 0.00	35.57 -0.23 0.00	37.36 -0.23 0.00	32.63 -0.46 0.00	31.40 -0.50 0.00	36.73 -0.38 0.00	41.83 0.15 0.00	47.31 0.82 0.00	50.55 0.87 0.00	54.13 0.91 0.00	72.71 0.45 0.00	50.99 0.09 0.00	57.27 -0.69 0.00	54.18 -0.37 0.00	49.62 -0.36 0.00	46.18 -0.43 0.00	47.32 0.00 0.00	46.44 0.01 0.00	42.25 0.06 0.00	32.68 -0.05 0.00	25.61 -0.07 0.00

OAKDALE___35_KV_LOAD 356122	45.47 0.22 0.00	34.88 -0.02 0.00	31.49 0.02 0.00	33.58 0.02 0.00	35.88 0.08 0.00	37.57 -0.02 0.00	33.06 -0.03 0.00	31.79 -0.11 0.00	36.98 -0.13 0.00	41.77 0.09 0.00	46.85 0.36 0.00	50.15 0.47 0.00	53.75 0.53 0.00	72.85 0.59 0.00	51.50 0.60 0.00	58.21 0.25 0.00	55.97 0.34 -1.08	51.65 0.03 -1.64	47.62 0.01 -0.99	47.68 0.36 0.00	46.60 0.17 0.00	42.27 0.08 0.00	32.73 -0.01 0.00	25.65 -0.02 0.00
OCC_CHEM___DRP 24175	44.23 -1.02 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.35 -1.45 0.00	36.09 -1.51 0.00	31.23 -1.86 0.00	29.97 -1.92 0.00	35.19 -1.93 0.00	40.34 -1.34 0.00	46.08 -0.41 0.00	49.02 -0.66 0.00	52.47 -0.76 0.00	69.64 -2.57 0.04	48.73 -2.17 0.00	54.27 -3.70 0.00	45.34 -3.45 5.76	38.25 -3.32 8.40	38.19 -3.12 5.31	44.70 -2.62 0.00	44.03 -2.40 0.00	40.37 -1.82 0.00	31.44 -1.29 0.00	24.71 -0.97 0.00
OH_GEN_PROXY 24063	50.62 -0.84 -6.21	34.46 -1.02 -0.58	30.40 -1.08 0.00	32.21 -1.34 0.00	34.51 -1.29 0.00	36.26 -1.33 0.00	31.44 -1.65 0.00	30.20 -1.70 0.00	35.41 -1.70 0.00	40.62 -1.06 0.00	46.28 -0.20 0.00	49.24 -0.44 0.00	52.75 -0.47 0.00	70.15 -2.07 0.04	49.07 -1.84 0.00	54.70 -3.26 0.00	46.94 -2.71 4.90	40.29 -2.53 7.15	39.56 -2.54 4.52	46.08 -2.01 -0.77	44.79 -1.84 -0.19	40.79 -1.40 0.00	32.30 -1.11 -0.68	23.19 -0.81 1.68
OLIN_CORP_DRP 24177	44.25 -1.00 0.00	33.75 -1.15 0.00	30.25 -1.22 0.00	32.02 -1.53 0.00	34.30 -1.50 0.00	36.10 -1.50 0.00	31.23 -1.87 0.00	29.93 -1.96 0.00	35.15 -1.96 0.00	40.28 -1.40 0.00	45.98 -0.50 0.00	48.92 -0.76 0.00	52.35 -0.88 0.00	69.49 -2.72 0.04	48.63 -2.28 0.00	54.08 -3.89 0.00	45.71 -2.92 5.93	38.78 -2.55 8.64	38.46 -2.70 5.46	44.96 -2.37 0.00	44.27 -2.16 0.00	40.58 -1.61 0.00	31.41 -1.32 0.00	24.80 -0.87 0.00
OLIN_CORP_DSASP 323712	44.24 -1.01 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.36 -1.44 0.00	36.09 -1.51 0.00	31.24 -1.86 0.00	29.97 -1.92 0.00	35.17 -1.94 0.00	40.37 -1.32 0.00	46.06 -0.42 0.00	49.02 -0.66 0.00	52.48 -0.74 0.00	69.71 -2.51 0.04	48.74 -2.16 0.00	54.26 -3.70 0.00	45.35 -3.44 5.76	38.29 -3.28 8.40	38.25 -3.06 5.31	44.71 -2.61 0.00	44.04 -2.39 0.00	40.38 -1.81 0.00	31.44 -1.29 0.00	24.72 -0.96 0.00
ONEIDA_HERK_LFGE 323681	45.68 0.43 0.00	35.17 0.27 0.00	31.80 0.32 0.00	34.03 0.48 0.00	36.43 0.63 0.00	38.36 0.77 0.00	33.46 0.36 0.00	32.32 0.42 0.00	37.96 0.84 0.00	42.07 0.39 0.00	46.83 0.35 0.00	50.75 1.07 0.00	54.30 1.08 0.00	73.62 1.36 0.00	51.98 1.08 0.00	58.65 0.69 0.00	54.74 0.19 0.00	50.46 0.49 0.00	47.21 0.59 0.00	48.71 1.39 0.00	48.07 1.64 0.00	43.69 1.50 0.00	33.74 1.01 0.00	26.19 0.51 0.00
ONEIDA___115KV_TB4 55905	46.34 1.10 0.00	35.62 0.72 0.00	32.17 0.69 0.00	34.32 0.77 0.00	36.65 0.85 0.00	38.44 0.85 0.00	33.80 0.71 0.00	32.65 0.75 0.00	38.02 0.90 0.00	42.35 0.67 0.00	47.25 0.76 0.00	50.86 1.19 0.00	54.43 1.20 0.00	73.86 1.60 0.00	52.52 1.62 0.00	59.48 1.52 0.00	55.59 1.04 0.00	50.94 0.96 0.00	47.54 0.92 0.00	48.74 1.42 0.00	47.95 1.52 0.00	43.52 1.33 0.00	33.67 0.94 0.00	26.29 0.61 0.00
ONONDAGA_REF_OCCRA 23987	45.23 -0.02 0.00	34.75 -0.15 0.00	31.34 -0.13 0.00	33.40 -0.15 0.00	35.68 -0.12 0.00	37.38 -0.21 0.00	32.93 -0.17 0.00	31.69 -0.20 0.00	36.82 -0.29 0.00	41.42 -0.26 0.00	46.40 -0.08 0.00	49.75 0.05 -0.02	53.27 0.04 0.00	72.85 0.05 -0.54	51.19 0.29 0.00	57.87 -0.09 0.00	54.48 -0.07 0.00	49.81 -0.17 0.00	46.48 -0.13 0.00	47.42 0.10 0.00	46.46 0.03 0.00	42.14 -0.05 0.00	32.61 -0.12 0.00	25.54 -0.14 0.00
ONONDAGA___COGEN 23986	45.12 -0.13 0.00	34.68 -0.22 0.00	31.26 -0.21 0.00	33.33 -0.22 0.00	35.59 -0.21 0.00	37.30 -0.30 0.00	32.86 -0.23 0.00	31.61 -0.28 0.00	36.73 -0.39 0.00	41.34 -0.34 0.00	46.33 -0.15 0.00	49.68 -0.05 -0.06	53.15 -0.07 0.00	73.90 -0.11 -1.75	51.04 0.13 0.00	57.68 -0.29 0.00	54.39 -0.16 0.00	49.70 -0.27 0.00	46.39 -0.22 0.00	47.36 0.04 0.00	46.39 -0.04 0.00	42.09 -0.10 0.00	32.58 -0.15 0.00	25.52 -0.16 0.00
ONTARIO___LFGE 23819	45.81 0.56 0.00	35.04 0.14 0.00	31.49 0.01 0.00	33.47 -0.08 0.00	35.93 0.12 0.00	37.68 0.09 0.00	33.10 0.00 0.00	31.80 -0.09 0.00	36.99 -0.13 0.00	41.83 0.15 0.00	47.15 0.67 0.00	50.34 0.63 -0.02	53.82 0.60 0.00	73.65 0.71 -0.69	51.37 0.46 0.00	57.23 -0.74 0.00	58.55 -0.32 -4.32	55.79 -0.56 -6.37	50.34 -0.32 -4.04	47.90 0.58 0.00	46.96 0.54 0.00	42.60 0.41 0.00	32.93 0.20 0.00	25.77 0.09 0.00
ORANGEVILLE_WT_PWR 323706	44.56 -0.69 0.00	33.96 -0.94 0.00	30.22 -1.25 0.00	32.23 -1.33 0.00	34.92 -0.89 0.00	36.64 -0.96 0.00	31.78 -1.32 0.00	30.48 -1.42 0.00	35.69 -1.43 0.00	40.78 -0.90 0.00	46.49 0.01 0.00	49.53 -0.15 0.00	52.81 -0.42 0.00	69.85 -2.20 0.21	48.71 -2.19 0.00	54.34 -3.62 0.00	21.77 -3.20 29.59	3.77 -3.03 43.18	16.74 -2.61 27.27	45.83 -1.50 0.00	45.30 -1.13 0.00	41.36 -0.83 0.00	32.07 -0.66 0.00	25.19 -0.49 0.00
ORANGEVILLE___ESR 323794	44.56 -0.69 0.00	33.96 -0.94 0.00	30.22 -1.25 0.00	32.23 -1.33 0.00	34.92 -0.89 0.00	36.64 -0.96 0.00	31.78 -1.32 0.00	30.48 -1.42 0.00	35.69 -1.43 0.00	40.78 -0.90 0.00	46.49 0.01 0.00	49.53 -0.15 0.00	52.81 -0.42 0.00	69.85 -2.20 0.21	48.71 -2.19 0.00	54.34 -3.62 0.00	21.77 -3.20 29.59	3.77 -3.03 43.18	16.74 -2.61 27.27	45.83 -1.50 0.00	45.30 -1.13 0.00	41.36 -0.83 0.00	32.07 -0.66 0.00	25.19 -0.49 0.00
OSWEGATCHIE___HYD 24044	45.13 -0.12 0.00	34.73 -0.17 0.00	31.27 -0.21 0.00	33.45 -0.10 0.00	36.00 0.20 0.00	38.12 0.53 0.00	33.12 0.02 0.00	31.99 0.09 0.00	37.68 0.56 0.00	41.71 0.04 0.00	46.39 -0.09 0.00	50.16 0.46 -0.02	53.50 0.28 0.00	72.87 -0.05 -0.66	50.62 -0.28 0.00	56.92 -1.04 0.00	53.07 -1.49 0.00	48.92 -1.06 0.00	45.89 -0.72 0.00	47.63 0.31 0.00	47.36 0.93 0.00	43.29 1.10 0.00	33.61 0.87 0.00	26.04 0.36 0.00
OSWEGO___5 23606	44.32 -0.93 0.00	34.12 -0.78 0.00	30.77 -0.71 0.00	32.80 -0.76 0.00	35.01 -0.80 0.00	36.69 -0.90 0.00	32.30 -0.79 0.00	31.11 -0.79 0.00	36.18 -0.94 0.00	40.72 -0.96 0.00	45.57 -0.94 -0.02	49.10 -0.92 -0.35	52.20 -1.03 0.00	81.36 -1.52 -10.62	49.93 -0.97 0.00	56.61 -1.36 0.00	53.33 -1.22 0.00	48.80 -1.17 0.00	45.52 -1.09 0.00	46.39 -0.94 0.00	45.47 -0.96 0.00	41.29 -0.89 0.00	32.01 -0.72 0.00	25.09 -0.59 0.00
OSWEGO___6 23613	44.32 -0.93 0.00	34.12 -0.78 0.00	30.77 -0.71 0.00	32.80 -0.76 0.00	35.01 -0.80 0.00	36.69 -0.90 0.00	32.30 -0.79 0.00	31.11 -0.79 0.00	36.18 -0.94 0.00	40.72 -0.96 0.00	45.57 -0.94 -0.02	49.10 -0.92 -0.35	52.20 -1.03 0.00	81.36 -1.52 -10.62	49.93 -0.97 0.00	56.61 -1.36 0.00	53.33 -1.22 0.00	48.80 -1.17 0.00	45.52 -1.09 0.00	46.39 -0.94 0.00	45.47 -0.96 0.00	41.29 -0.89 0.00	32.01 -0.72 0.00	25.09 -0.59 0.00

OUTOKUMPU-AB___DRP 24206	45.13 -0.12 0.00	34.36 -0.54 0.00	30.79 -0.69 0.00	32.62 -0.94 0.00	34.97 -0.83 0.00	36.75 -0.84 0.00	31.86 -1.24 0.00	30.57 -1.32 0.00	35.91 -1.21 0.00	41.19 -0.49 0.00	47.01 0.53 0.00	50.09 0.41 0.00	53.61 0.38 0.00	71.20 -1.01 0.05	49.84 -1.06 0.00	55.52 -2.45 0.00	46.36 -1.98 6.21	38.95 -1.96 9.06	38.93 -1.97 5.72	45.90 -1.42 0.00	45.19 -1.24 0.00	41.34 -0.85 0.00	32.06 -0.67 0.00	25.20 -0.47 0.00
OXBOW___BTM 323836	44.69 -0.56 0.00	34.05 -0.85 0.00	30.52 -0.96 0.00	32.33 -1.23 0.00	34.65 -1.16 0.00	36.41 -1.18 0.00	31.54 -1.55 0.00	30.26 -1.63 0.00	35.53 -1.58 0.00	40.79 -0.89 0.00	46.55 0.07 0.00	49.58 -0.10 0.00	53.08 -0.14 0.00	70.52 -1.69 0.04	49.36 -1.55 0.00	54.94 -3.03 0.00	45.90 -2.67 5.99	38.54 -2.71 8.73	38.49 -2.61 5.52	45.20 -2.12 0.00	44.61 -1.82 0.00	40.87 -1.32 0.00	31.76 -0.97 0.00	24.96 -0.71 0.00
OXBOW___ 24026	44.69 -0.56 0.00	34.05 -0.85 0.00	30.52 -0.96 0.00	32.33 -1.22 0.00	34.65 -1.16 0.00	36.41 -1.18 0.00	31.53 -1.56 0.00	30.26 -1.63 0.00	35.55 -1.57 0.00	40.77 -0.91 0.00	46.56 0.08 0.00	49.58 -0.10 0.00	53.08 -0.15 0.00	70.49 -1.73 0.04	49.34 -1.57 0.00	54.94 -3.03 0.00	45.90 -2.67 5.99	38.49 -2.75 8.73	38.44 -2.66 5.52	45.19 -2.13 0.00	44.61 -1.83 0.00	40.86 -1.32 0.00	31.76 -0.98 0.00	24.95 -0.72 0.00
OXY_CHEM_DSASP 323612	44.23 -1.02 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.35 -1.45 0.00	36.09 -1.51 0.00	31.23 -1.86 0.00	29.97 -1.92 0.00	35.19 -1.93 0.00	40.34 -1.34 0.00	46.08 -0.41 0.00	49.02 -0.66 0.00	52.47 -0.76 0.00	69.64 -2.57 0.04	48.73 -2.17 0.00	54.27 -3.70 0.00	45.34 -3.45 5.76	38.25 -3.32 8.40	38.19 -3.12 5.31	44.70 -2.62 0.00	44.03 -2.40 0.00	40.37 -1.82 0.00	31.44 -1.29 0.00	24.71 -0.97 0.00
OZONE_PARK_ESR 323760	48.41 3.17 0.00	37.41 2.50 0.00	33.77 2.30 0.00	35.82 2.26 0.00	37.99 2.19 0.00	39.73 2.14 0.00	35.37 2.27 0.00	34.36 2.47 0.00	40.05 2.94 0.00	46.90 3.33 -1.89	50.99 4.02 -0.48	54.28 4.32 -0.28	57.65 4.42 0.00	78.59 6.33 0.00	55.48 4.58 0.00	63.46 5.49 0.00	60.33 5.77 0.00	58.85 5.23 -3.64	51.01 4.40 0.00	51.02 3.70 0.00	49.67 3.24 0.00	45.03 2.84 0.00	35.00 2.27 0.00	27.50 1.83 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.23 -1.02 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.35 -1.45 0.00	36.09 -1.51 0.00	31.23 -1.86 0.00	29.97 -1.92 0.00	35.19 -1.93 0.00	40.34 -1.34 0.00	46.08 -0.41 0.00	49.02 -0.66 0.00	52.47 -0.76 0.00	69.64 -2.57 0.04	48.73 -2.17 0.00	54.27 -3.70 0.00	45.34 -3.45 5.76	38.25 -3.32 8.40	38.19 -3.12 5.31	44.70 -2.62 0.00	44.03 -2.40 0.00	40.37 -1.82 0.00	31.44 -1.29 0.00	24.71 -0.97 0.00
PACKARD___115KV_DUPONT_184 80571	44.23 -1.02 0.00	33.73 -1.17 0.00	30.25 -1.22 0.00	32.05 -1.50 0.00	34.35 -1.45 0.00	36.09 -1.51 0.00	31.23 -1.86 0.00	29.97 -1.92 0.00	35.19 -1.93 0.00	40.34 -1.34 0.00	46.08 -0.41 0.00	49.02 -0.66 0.00	52.47 -0.76 0.00	69.64 -2.57 0.04	48.73 -2.17 0.00	54.27 -3.70 0.00	45.34 -3.45 5.76	38.25 -3.32 8.40	38.19 -3.12 5.31	44.70 -2.62 0.00	44.03 -2.40 0.00	40.37 -1.82 0.00	31.44 -1.29 0.00	24.71 -0.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.18 2.93 0.00	37.21 2.31 0.00	33.60 2.12 0.00	35.55 2.00 0.00	37.81 2.01 0.00	39.50 1.91 0.00	35.20 2.10 0.00	34.18 2.29 0.00	39.81 2.70 0.00	47.32 2.78 -2.86	50.25 3.13 -0.64	53.82 3.75 -0.39	57.11 3.87 -0.02	77.66 5.40 0.00	55.02 4.11 0.00	62.85 4.88 0.00	59.73 5.18 0.00	58.36 4.74 -3.64	50.50 3.88 0.00	50.33 3.01 0.00	49.15 2.72 0.00	44.68 2.50 0.00	34.83 2.10 0.00	27.32 1.64 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.72 4.47 0.00	38.70 3.80 0.00	34.89 3.42 0.00	36.94 3.39 0.00	39.35 3.55 0.00	41.07 3.48 0.00	36.62 3.52 0.00	35.55 3.66 0.00	41.41 4.30 0.00	49.07 4.53 -2.86	52.29 5.18 -0.64	55.92 5.85 -0.39	59.39 6.14 -0.02	80.71 8.45 0.00	57.22 6.32 0.00	65.35 7.38 0.00	62.09 7.54 0.00	60.54 6.92 -3.64	52.37 5.76 0.00	52.14 4.82 0.00	50.97 4.54 0.00	46.35 4.16 0.00	36.11 3.38 0.00	28.30 2.62 0.00
PATROON___115KV_TB1 80586	45.67 0.42 0.00	35.48 0.58 0.00	32.23 0.75 0.00	34.47 0.91 0.00	36.50 0.70 0.00	38.14 0.55 0.00	33.78 0.69 0.00	32.60 0.70 0.00	37.76 0.65 0.00	42.32 0.64 0.00	47.13 0.65 0.00	50.32 0.64 0.00	53.93 0.70 0.00	73.64 1.38 0.00	51.79 0.89 0.00	59.44 1.47 0.00	56.17 1.62 0.00	51.84 1.51 -0.36	47.80 1.19 0.00	48.22 0.90 0.00	47.20 0.77 0.00	42.79 0.60 0.00	33.16 0.43 0.00	26.09 0.41 0.00
PATTRSNVILLE___SOLAR 323815	46.79 1.55 0.00	36.15 1.25 0.00	32.62 1.15 0.00	34.83 1.28 0.00	37.05 1.24 0.00	38.84 1.25 0.00	34.19 1.10 0.00	32.85 0.95 0.00	38.23 1.12 0.00	43.05 1.37 0.00	47.27 0.79 0.00	50.36 0.68 0.00	53.90 0.68 0.00	73.29 1.03 0.00	51.60 0.69 0.00	59.56 1.60 0.00	56.61 2.05 0.00	51.64 1.67 0.00	47.98 1.37 0.00	48.90 1.58 0.00	48.10 1.67 0.00	43.70 1.51 0.00	33.86 1.13 0.00	26.54 0.87 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.02 -0.23 0.00	34.24 -0.66 0.00	30.72 -0.76 0.00	32.59 -0.96 0.00	34.95 -0.86 0.00	36.70 -0.89 0.00	31.91 -1.18 0.00	30.68 -1.22 0.00	35.99 -1.12 0.00	41.29 -0.39 0.00	47.04 0.56 0.00	50.09 0.41 0.00	53.66 0.44 0.00	71.43 -0.78 0.05	50.04 -0.86 0.00	55.84 -2.12 0.00	46.82 -1.53 6.20	39.37 -1.56 9.05	39.30 -1.60 5.72	46.39 -0.93 0.00	45.53 -0.90 0.00	41.49 -0.70 0.00	32.12 -0.61 0.00	25.20 -0.47 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.87 2.62 0.00	36.99 2.09 0.00	33.40 1.92 0.00	35.50 1.95 0.00	37.65 1.85 0.00	39.37 1.77 0.00	34.95 1.86 0.00	33.88 1.99 0.00	39.46 2.35 0.00	44.33 2.65 0.00	49.74 3.26 0.00	53.29 3.61 0.00	57.01 3.79 0.00	77.81 5.55 0.00	54.92 4.01 0.00	62.92 4.95 0.00	59.74 5.18 0.00	57.74 4.66 -3.11	50.43 3.82 0.00	50.50 3.17 0.00	49.21 2.78 0.00	44.58 2.39 0.00	34.57 1.84 0.00	27.12 1.44 0.00
PEEKSKILL___ 23653	47.40 2.16 0.00	36.63 1.73 0.00	33.09 1.61 0.00	35.15 1.60 0.00	37.32 1.52 0.00	39.01 1.42 0.00	34.64 1.54 0.00	33.58 1.69 0.00	39.10 1.99 0.00	43.88 2.20 0.00	49.24 2.75 0.00	52.69 3.01 0.00	56.29 3.07 0.00	76.79 4.53 0.00	54.19 3.28 0.00	61.99 4.02 0.00	58.88 4.33 0.00	57.70 3.94 -3.79	49.87 3.25 0.00	49.97 2.65 0.00	48.69 2.26 0.00	44.13 1.94 0.00	34.25 1.52 0.00	26.89 1.21 0.00
PGE MADISON___WINDPWR 24146	48.40 3.16 0.00	37.14 2.24 0.00	33.42 1.95 0.00	35.60 2.04 0.00	38.07 2.26 0.00	39.94 2.35 0.00	35.07 1.97 0.00	33.96 2.07 0.00	39.51 2.39 0.00	44.49 2.81 0.00	49.54 3.06 0.00	52.85 3.17 0.00	56.75 3.53 0.00	77.22 4.96 -0.01	55.35 4.44 0.00	62.47 4.51 0.00	58.55 4.00 0.00	53.12 3.07 -0.08	49.55 2.93 0.00	50.66 3.34 0.00	49.79 3.36 0.00	44.76 2.57 0.00	34.53 1.80 0.00	27.20 1.52 0.00

PIERCEFIELD___HYD 23852	45.61 0.36 0.00	35.11 0.21 0.00	31.48 0.00 0.00	33.51 -0.04 0.00	35.97 0.17 0.00	38.13 0.54 0.00	33.47 0.38 0.00	32.30 0.41 0.00	37.75 0.64 0.00	42.16 0.47 0.00	46.86 0.37 0.00	49.94 0.26 0.00	53.19 -0.04 0.00	71.73 -0.53 0.00	50.34 -0.56 0.00	57.31 -0.65 0.00	53.64 -0.91 0.00	49.05 -0.93 0.00	45.89 -0.73 0.00	47.06 -0.26 0.00	46.66 0.22 0.00	42.76 0.57 0.00	33.42 0.69 0.00	26.11 0.43 0.00
PINELAWN_CC_1 323563	31.04 2.01 16.21	36.80 1.90 0.00	33.29 1.82 0.00	35.16 1.61 0.00	37.29 1.49 0.00	38.96 1.36 0.00	34.80 1.71 0.00	33.72 1.83 0.00	39.31 2.20 0.00	43.42 1.88 0.14	48.87 2.44 0.05	50.42 2.34 1.60	39.41 2.44 16.25	53.03 3.67 22.90	51.77 2.81 1.95	61.64 3.67 0.00	58.84 4.29 0.00	57.71 4.10 -3.64	49.79 3.18 0.00	49.09 2.11 0.33	35.46 1.62 12.59	18.11 1.31 25.39	15.05 1.03 18.71	17.06 0.86 9.48
PJM_GEN_HTTP_PROXY 323702	47.81 2.57 0.00	37.33 2.06 -0.37	33.38 1.91 0.00	35.41 1.86 0.00	37.59 1.78 0.00	39.30 1.71 0.00	34.96 1.87 0.00	33.96 2.06 0.00	39.57 2.46 0.00	45.87 2.76 -1.43	50.24 3.39 -0.37	53.53 3.64 -0.21	56.90 3.68 0.00	77.56 5.30 0.00	54.76 3.85 0.00	62.65 4.68 0.00	59.56 5.01 0.00	58.12 4.51 -3.65	50.36 3.75 0.00	50.38 3.06 0.00	49.03 2.60 0.00	44.46 2.27 0.00	35.62 1.83 -1.06	25.72 1.48 1.44
PJM_GEN_KEystone 24065	45.93 0.68 0.00	35.61 0.34 -0.37	31.79 0.31 0.00	33.75 0.20 0.00	36.02 0.22 0.00	37.70 0.11 0.00	33.24 0.15 0.00	32.09 0.20 0.00	37.44 0.32 0.00	42.34 0.72 0.07	47.77 1.26 -0.02	51.00 1.31 0.00	54.52 1.31 0.02	73.84 1.59 0.01	52.00 1.09 0.00	57.24 0.94 1.67	55.07 1.36 0.84	51.57 1.08 -0.52	46.31 0.74 1.04	48.11 0.79 0.00	46.97 0.54 0.00	42.60 0.41 0.00	34.10 0.31 -1.06	24.49 0.25 1.44
PJM_GEN_NEPTUNE_PROXY 323594	26.95 1.69 19.99	36.91 1.64 -0.37	33.04 1.57 0.00	34.96 1.41 0.00	37.09 1.28 0.00	38.75 1.16 0.00	34.57 1.47 0.00	33.48 1.59 0.00	39.01 1.90 0.00	43.41 1.88 0.14	49.00 2.55 0.04	50.49 2.56 1.75	35.47 2.63 20.38	47.33 3.80 28.73	51.51 2.91 2.30	61.69 3.72 0.00	58.78 4.23 0.00	57.59 3.98 -3.64	49.62 3.01 0.00	49.41 2.09 0.00	32.46 1.69 15.66	12.26 1.40 31.32	11.85 1.13 22.01	13.38 0.92 13.22
PJM_GEN_VFT_PROXY 323633	47.65 2.40 0.00	37.21 1.94 -0.37	33.26 1.78 0.00	35.27 1.72 0.00	37.44 1.64 0.00	39.15 1.56 0.00	34.83 1.73 0.00	33.84 1.95 0.00	39.46 2.35 0.00	44.61 2.64 -0.28	50.15 3.26 -0.41	53.32 3.47 -0.16	56.28 3.39 0.33	77.18 4.92 0.00	54.51 3.61 0.00	62.33 4.37 0.00	59.28 4.72 0.00	57.88 4.27 -3.64	50.20 3.59 0.00	50.21 2.89 0.00	48.89 2.46 0.00	44.33 2.14 0.00	35.52 1.73 -1.06	25.66 1.42 1.44
PLATSBURG_115KV_PMLD1 355749	44.42 -0.83 0.00	34.45 -0.45 0.00	31.02 -0.46 0.00	33.06 -0.49 0.00	35.33 -0.47 0.00	37.34 -0.25 0.00	33.10 0.01 0.00	31.97 0.07 0.00	37.02 -0.10 0.00	41.42 -0.26 0.00	45.72 -0.76 0.00	47.91 -1.77 0.00	52.27 -0.95 0.00	71.25 -1.01 0.00	49.19 -1.71 0.00	55.81 -2.16 0.00	52.82 -1.73 0.00	48.25 -1.73 0.00	45.24 -1.37 0.00	45.92 -1.40 0.00	45.30 -1.13 0.00	41.29 -0.91 0.00	32.26 -0.47 0.00	25.65 -0.03 0.00
PLEASANTVLY___LBMP 24000	47.00 1.75 0.00	36.39 1.49 0.00	32.90 1.42 0.00	35.01 1.45 0.00	37.13 1.33 0.00	38.82 1.23 0.00	34.43 1.34 0.00	33.34 1.44 0.00	38.77 1.66 0.00	43.48 1.80 0.00	48.70 2.22 0.00	52.09 2.41 0.00	55.74 2.52 0.00	76.01 3.76 0.00	53.60 2.69 0.00	61.35 3.39 0.00	58.20 3.65 0.00	56.57 3.33 -3.27	49.36 2.75 0.00	49.52 2.19 0.00	48.30 1.87 0.00	43.78 1.59 0.00	33.99 1.26 0.00	26.70 1.02 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	47.54 2.29 0.00	36.77 1.87 0.00	33.22 1.75 0.00	35.28 1.73 0.00	37.45 1.64 0.00	39.15 1.56 0.00	34.77 1.68 0.00	33.72 1.83 0.00	39.26 2.14 0.00	43.98 2.40 0.10	49.40 2.94 0.03	52.88 3.21 0.01	56.53 3.31 0.00	77.12 4.86 0.00	54.41 3.51 0.00	62.26 4.29 0.00	59.13 4.57 0.00	57.65 4.17 -3.51	50.06 3.44 0.00	50.11 2.79 0.00	48.84 2.41 0.00	44.26 2.07 0.00	34.37 1.64 0.00	26.99 1.31 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	47.54 2.29 0.00	36.77 1.87 0.00	33.22 1.75 0.00	35.28 1.73 0.00	37.45 1.64 0.00	39.15 1.56 0.00	34.77 1.68 0.00	33.72 1.83 0.00	39.26 2.14 0.00	43.98 2.40 0.10	49.40 2.94 0.03	52.88 3.21 0.01	56.53 3.31 0.00	77.12 4.86 0.00	54.41 3.51 0.00	62.26 4.29 0.00	59.13 4.57 0.00	57.65 4.17 -3.51	50.06 3.44 0.00	50.11 2.79 0.00	48.84 2.41 0.00	44.26 2.07 0.00	34.37 1.64 0.00	26.99 1.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	47.61 2.36 0.00	36.81 1.91 0.00	33.25 1.77 0.00	35.38 1.83 0.00	37.53 1.73 0.00	39.23 1.64 0.00	34.79 1.69 0.00	33.63 1.74 0.00	39.14 2.02 0.00	43.90 2.22 0.00	49.19 2.71 0.00	52.69 3.01 0.00	56.38 3.16 0.00	76.96 4.70 0.00	54.35 3.45 0.00	62.27 4.31 0.00	59.12 4.57 0.00	56.87 4.07 -2.83	49.89 3.27 0.00	50.01 2.69 0.00	48.79 2.35 0.00	44.20 2.01 0.00	34.28 1.54 0.00	26.90 1.22 0.00
POLETTI_____ 23519	47.81 2.57 0.00	36.97 2.07 0.00	33.40 1.93 0.00	35.41 1.86 0.00	37.57 1.76 0.00	39.28 1.69 0.00	34.97 1.88 0.00	33.98 2.09 0.00	39.59 2.48 0.00	46.37 2.80 -1.89	50.38 3.42 -0.48	53.62 3.66 -0.28	56.91 3.69 0.00	77.57 5.31 0.00	54.76 3.85 0.00	62.64 4.68 0.00	59.55 5.00 0.00	58.12 4.51 -3.64	50.35 3.74 0.00	50.38 3.06 0.00	49.03 2.60 0.00	44.46 2.27 0.00	34.59 1.86 0.00	27.21 1.54 0.00
POMONA___ESR 323819	47.42 2.17 0.00	36.63 1.73 0.00	33.07 1.60 0.00	35.15 1.59 0.00	37.34 1.53 0.00	39.02 1.43 0.00	34.62 1.52 0.00	33.55 1.66 0.00	39.10 1.99 0.00	43.89 2.21 0.00	49.29 2.81 0.00	52.78 3.10 0.00	56.40 3.18 0.00	76.96 4.70 0.00	54.31 3.41 0.00	62.12 4.16 0.00	59.06 4.50 0.00	58.46 4.08 -4.41	49.96 3.35 0.00	50.10 2.78 0.00	48.80 2.37 0.00	44.19 2.00 0.00	34.29 1.56 0.00	26.89 1.22 0.00
PORT_JEFF_3 23555	28.28 1.49 18.46	36.46 1.56 0.00	33.05 1.58 0.00	34.86 1.31 0.00	36.95 1.14 0.00	38.57 0.98 0.00	34.54 1.45 0.00	33.43 1.54 0.00	38.94 1.82 0.00	43.16 1.62 0.14	48.92 2.50 0.06	50.07 2.34 1.95	36.85 2.19 18.57	49.32 3.28 26.22	51.07 2.62 2.46	61.46 3.49 0.00	58.71 4.16 0.00	57.62 4.01 -3.64	49.59 2.98 0.00	48.64 2.01 0.69	33.62 1.56 14.36	14.61 1.34 28.91	12.54 1.11 21.30	15.77 0.90 10.81
PORT_JEFF_4 23616	28.28 1.49 18.46	36.46 1.56 0.00	33.05 1.58 0.00	34.86 1.31 0.00	36.95 1.14 0.00	38.57 0.98 0.00	34.54 1.45 0.00	33.43 1.54 0.00	38.94 1.82 0.00	43.16 1.62 0.14	48.92 2.50 0.06	50.07 2.34 1.95	36.85 2.19 18.57	49.32 3.28 26.22	51.07 2.62 2.46	61.46 3.49 0.00	58.71 4.16 0.00	57.62 4.01 -3.64	49.59 2.98 0.00	48.64 2.01 0.69	33.62 1.56 14.36	14.61 1.34 28.91	12.54 1.11 21.30	15.77 0.90 10.81

PORT_JEFF_IC 23713	28.44 1.58 18.38	36.51 1.61 0.00	33.08 1.61 0.00	34.89 1.34 0.00	36.98 1.18 0.00	38.62 1.02 0.00	34.58 1.49 0.00	33.48 1.59 0.00	39.02 1.91 0.00	43.30 1.76 0.14	49.02 2.60 0.06	50.13 2.50 2.05	37.06 2.33 18.49	49.50 3.38 26.14	51.01 2.70 2.59	61.54 3.58 0.00	58.81 4.26 0.00	57.72 4.11 -3.64	49.66 3.05 0.00	48.47 2.06 0.91	33.77 1.64 14.30	14.83 1.43 28.79	12.75 1.23 21.22	15.89 0.97 10.76
PPL PILGRIM_ST_GT1 24216	29.12 1.96 18.09	36.81 1.91 0.00	33.34 1.86 0.00	35.19 1.63 0.00	37.31 1.51 0.00	38.96 1.36 0.00	34.84 1.74 0.00	33.73 1.84 0.00	39.32 2.21 0.00	43.66 2.12 0.14	49.30 2.88 0.06	50.51 2.83 2.00	38.11 3.05 18.16	51.00 4.41 25.67	51.69 3.29 2.51	62.10 4.14 0.00	59.33 4.77 0.00	58.19 4.57 -3.64	50.18 3.56 0.00	48.98 2.51 0.85	34.34 1.97 14.06	15.50 1.64 28.33	13.23 1.37 20.88	16.19 1.09 10.58
PPL PILGRIM_ST_GT2 24217	29.12 1.96 18.09	36.81 1.91 0.00	33.34 1.86 0.00	35.19 1.63 0.00	37.31 1.51 0.00	38.96 1.36 0.00	34.84 1.74 0.00	33.73 1.84 0.00	39.32 2.21 0.00	43.66 2.12 0.14	49.30 2.88 0.06	50.51 2.83 2.00	38.11 3.05 18.16	51.00 4.41 25.67	51.69 3.29 2.51	62.10 4.14 0.00	59.33 4.77 0.00	58.19 4.57 -3.64	50.18 3.56 0.00	48.98 2.51 0.85	34.34 1.97 14.06	15.50 1.64 28.33	13.23 1.37 20.88	16.19 1.09 10.58
PPL_SHRM_GT3 24213	27.98 1.16 18.43	36.13 1.23 0.00	32.77 1.29 0.00	34.55 1.00 0.00	36.60 0.79 0.00	38.21 0.62 0.00	34.28 1.18 0.00	33.18 1.29 0.00	38.76 1.64 0.00	43.04 1.50 0.14	48.74 2.31 0.06	49.96 2.25 1.97	37.02 2.32 18.53	49.54 3.46 26.18	51.18 2.77 2.49	61.65 3.69 0.00	58.96 4.40 0.00	57.87 4.25 -3.64	49.80 3.18 0.00	48.87 2.29 0.74	33.95 1.86 14.33	14.78 1.45 28.86	12.58 1.11 21.26	15.74 0.85 10.79
PPL_SHRM_GT4 24214	27.98 1.16 18.43	36.13 1.23 0.00	32.77 1.29 0.00	34.55 1.00 0.00	36.60 0.79 0.00	38.21 0.62 0.00	34.28 1.18 0.00	33.18 1.29 0.00	38.76 1.64 0.00	43.04 1.50 0.14	48.74 2.31 0.06	49.96 2.25 1.97	37.02 2.32 18.53	49.54 3.46 26.18	51.18 2.77 2.49	61.65 3.69 0.00	58.96 4.40 0.00	57.87 4.25 -3.64	49.80 3.18 0.00	48.87 2.29 0.74	33.95 1.86 14.33	14.78 1.45 28.86	12.58 1.11 21.26	15.74 0.85 10.79
PROJECT___ORANGE 1 24174	44.98 -0.26 0.00	34.58 -0.32 0.00	31.18 -0.30 0.00	33.23 -0.32 0.00	35.49 -0.32 0.00	37.18 -0.41 0.00	32.74 -0.36 0.00	31.51 -0.38 0.00	36.63 -0.49 0.00	41.24 -0.44 0.00	46.22 -0.27 0.00	49.54 -0.15 -0.01	53.04 -0.19 0.00	72.37 -0.31 -0.42	50.86 -0.05 0.00	57.52 -0.45 0.00	54.21 -0.35 0.00	49.56 -0.41 0.00	46.24 -0.37 0.00	47.12 -0.20 0.00	46.16 -0.27 0.00	41.87 -0.32 0.00	32.42 -0.31 0.00	25.39 -0.29 0.00
PROJECT___ORANGE 2 24166	44.98 -0.26 0.00	34.58 -0.32 0.00	31.18 -0.30 0.00	33.23 -0.32 0.00	35.49 -0.32 0.00	37.18 -0.41 0.00	32.74 -0.36 0.00	31.51 -0.38 0.00	36.63 -0.49 0.00	41.24 -0.44 0.00	46.22 -0.27 0.00	49.54 -0.15 -0.01	53.04 -0.19 0.00	72.37 -0.31 -0.42	50.86 -0.05 0.00	57.52 -0.45 0.00	54.21 -0.35 0.00	49.56 -0.41 0.00	46.24 -0.37 0.00	47.12 -0.20 0.00	46.16 -0.27 0.00	41.87 -0.32 0.00	32.42 -0.31 0.00	25.39 -0.29 0.00
PUCKETT___SOLAR 323809	46.22 0.97 0.00	35.44 0.54 0.00	31.97 0.49 0.00	34.06 0.51 0.00	36.39 0.58 0.00	38.15 0.56 0.00	33.54 0.45 0.00	32.29 0.40 0.00	37.50 0.39 0.00	42.17 0.48 0.00	47.07 0.59 0.00	50.43 0.75 0.00	54.15 0.93 0.00	73.38 1.12 0.00	52.10 1.20 0.00	59.28 1.32 0.00	55.66 1.11 0.00	50.82 0.76 -0.08	47.39 0.77 0.00	48.52 1.20 0.00	47.38 0.95 0.00	42.82 0.63 0.00	33.07 0.34 0.00	25.97 0.29 0.00
PYRITES___HYD 24023	46.52 1.27 0.00	35.77 0.88 0.00	32.05 0.57 0.00	34.07 0.52 0.00	36.57 0.77 0.00	38.77 1.18 0.00	34.11 1.02 0.00	32.87 0.97 0.00	38.36 1.24 0.00	42.67 0.99 0.00	47.81 1.33 0.00	50.65 0.97 0.00	53.26 0.03 0.00	71.77 -0.49 0.00	50.39 -0.51 0.00	57.74 -0.22 0.00	54.33 -0.22 0.00	49.84 -0.13 0.00	46.58 -0.03 0.00	47.86 0.54 0.00	47.56 1.13 0.00	43.55 1.36 0.00	33.98 1.25 0.00	26.54 0.86 0.00
QUAKERRD_115KV_BK1 80622	44.59 -0.66 0.00	34.14 -0.76 0.00	30.67 -0.80 0.00	32.59 -0.97 0.00	34.83 -0.97 0.00	36.57 -1.02 0.00	32.01 -1.09 0.00	30.80 -1.09 0.00	36.01 -1.11 0.00	40.89 -0.79 0.00	46.20 -0.29 0.00	49.37 -0.31 0.00	52.85 -0.37 0.00	71.12 -1.14 0.00	49.96 -0.94 0.00	56.21 -1.75 0.00	53.12 -1.43 0.00	48.62 -1.35 0.00	45.29 -1.32 0.00	46.37 -0.95 0.00	45.48 -0.95 0.00	41.34 -0.85 0.00	31.98 -0.75 0.00	25.05 -0.62 0.00
QUENSBRY_115KV_TB8 356137	47.42 2.17 0.00	36.97 2.06 0.00	33.34 1.87 0.00	35.61 2.06 0.00	37.68 1.88 0.00	39.50 1.91 0.00	34.93 1.83 0.00	33.64 1.75 0.00	38.92 1.81 0.00	43.92 2.24 0.00	48.25 1.77 0.00	51.12 1.44 0.00	54.67 1.44 0.00	74.54 2.29 0.00	52.42 1.51 0.00	60.54 2.57 0.00	57.60 3.05 0.00	53.02 2.72 -0.33	49.46 2.85 0.00	49.89 2.57 0.00	48.81 2.38 0.00	44.19 2.00 0.00	34.16 1.43 0.00	26.71 1.03 0.00
RAMAPO___LBMP 323565	47.23 1.98 0.00	36.47 1.57 0.00	32.93 1.46 0.00	34.99 1.44 0.00	37.18 1.38 0.00	38.87 1.28 0.00	34.47 1.38 0.00	33.42 1.52 0.00	38.91 1.80 0.00	43.68 2.00 0.00	49.02 2.54 0.00	52.48 2.80 0.00	56.07 2.85 0.00	76.48 4.22 0.00	53.95 3.05 0.00	61.70 3.74 0.00	58.59 4.04 0.00	57.78 3.70 -4.11	49.64 3.03 0.00	49.82 2.50 0.00	48.58 2.15 0.00	43.99 1.80 0.00	34.15 1.41 0.00	26.79 1.11 0.00
RANKINE____ 23646	45.19 -0.06 0.00	34.35 -0.55 0.00	30.80 -0.68 0.00	32.71 -0.84 0.00	35.09 -0.72 0.00	36.85 -0.74 0.00	31.98 -1.11 0.00	30.72 -1.17 0.00	36.06 -1.05 0.00	41.37 -0.31 0.00	47.18 0.70 0.00	50.24 0.56 0.00	53.77 0.55 0.00	71.45 -0.75 0.05	50.06 -0.85 0.00	55.80 -2.16 0.00	45.65 -1.66 7.25	37.76 -1.64 10.57	38.29 -1.65 6.68	46.39 -0.93 0.00	45.59 -0.83 0.00	41.59 -0.60 0.00	32.23 -0.50 0.00	25.30 -0.37 0.00
RAVENSWOOD_GT2_1 24244	47.88 2.63 0.00	37.00 2.10 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.63 1.83 0.00	39.34 1.75 0.00	35.00 1.91 0.00	33.99 2.10 0.00	39.62 2.51 0.00	46.85 2.80 -2.37	50.48 3.39 -0.61	53.70 3.68 -0.35	56.96 3.74 0.00	77.61 5.35 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.15 4.54 -3.64	50.38 3.77 0.00	50.39 3.07 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.60 1.87 0.00	27.20 1.52 0.00
RAVENSWOOD_GT2_2 24245	47.88 2.63 0.00	37.00 2.10 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.63 1.83 0.00	39.34 1.75 0.00	35.00 1.91 0.00	33.99 2.10 0.00	39.62 2.51 0.00	46.85 2.80 -2.37	50.48 3.39 -0.61	53.70 3.68 -0.35	56.96 3.74 0.00	77.61 5.35 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.15 4.54 -3.64	50.38 3.77 0.00	50.39 3.07 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.60 1.87 0.00	27.20 1.52 0.00

RAVENSWOOD_GT2_3 24246	47.91 2.66 0.00	37.03 2.13 0.00	33.45 1.97 0.00	35.47 1.92 0.00	37.65 1.84 0.00	39.36 1.77 0.00	35.02 1.93 0.00	34.01 2.12 0.00	39.64 2.52 0.00	46.87 2.83 -2.36	50.52 3.44 -0.61	53.74 3.71 -0.35	57.00 3.77 0.00	77.67 5.41 0.00	54.83 3.93 0.00	62.71 4.75 0.00	59.61 5.06 0.00	58.20 4.58 -3.64	50.41 3.80 0.00	50.42 3.10 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.53 0.00
RAVENSWOOD_GT2_4 24247	47.91 2.66 0.00	37.03 2.13 0.00	33.45 1.97 0.00	35.47 1.92 0.00	37.65 1.84 0.00	39.36 1.77 0.00	35.02 1.93 0.00	34.01 2.12 0.00	39.64 2.52 0.00	46.87 2.83 -2.36	50.52 3.44 -0.61	53.74 3.71 -0.35	57.00 3.77 0.00	77.67 5.41 0.00	54.83 3.93 0.00	62.71 4.75 0.00	59.61 5.06 0.00	58.20 4.58 -3.64	50.41 3.80 0.00	50.42 3.10 0.00	49.10 2.67 0.00	44.52 2.33 0.00	34.62 1.89 0.00	27.21 1.53 0.00
RAVENSWOOD_GT3_1 24248	47.87 2.62 0.00	37.00 2.10 0.00	33.42 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.33 1.74 0.00	35.00 1.90 0.00	33.98 2.09 0.00	39.61 2.50 0.00	46.75 2.81 -2.27	50.48 3.42 -0.58	53.69 3.68 -0.33	56.96 3.74 0.00	77.63 5.37 0.00	54.80 3.90 0.00	62.67 4.71 0.00	59.59 5.03 0.00	58.16 4.54 -3.64	50.40 3.78 0.00	50.41 3.09 0.00	49.08 2.65 0.00	44.50 2.31 0.00	34.59 1.86 0.00	27.20 1.52 0.00
RAVENSWOOD_GT3_2 24249	47.87 2.62 0.00	37.00 2.10 0.00	33.42 1.95 0.00	35.45 1.90 0.00	37.62 1.82 0.00	39.33 1.74 0.00	35.00 1.90 0.00	33.98 2.09 0.00	39.61 2.50 0.00	46.75 2.81 -2.27	50.48 3.42 -0.58	53.69 3.68 -0.33	56.96 3.74 0.00	77.63 5.37 0.00	54.80 3.90 0.00	62.67 4.71 0.00	59.59 5.03 0.00	58.16 4.54 -3.64	50.40 3.78 0.00	50.41 3.09 0.00	49.08 2.65 0.00	44.50 2.31 0.00	34.59 1.86 0.00	27.20 1.52 0.00
RAVENSWOOD_GT3_3 24250	47.96 2.71 0.00	37.07 2.17 0.00	33.49 2.01 0.00	35.52 1.96 0.00	37.69 1.89 0.00	39.41 1.81 0.00	35.07 1.97 0.00	34.06 2.17 0.00	39.69 2.58 0.00	46.86 2.90 -2.28	50.59 3.52 -0.59	53.83 3.81 -0.34	57.09 3.87 0.00	77.81 5.56 0.00	54.93 4.03 0.00	62.83 4.87 0.00	59.72 5.17 0.00	58.28 4.66 -3.64	50.49 3.87 0.00	50.52 3.20 0.00	49.17 2.74 0.00	44.60 2.41 0.00	34.66 1.93 0.00	27.25 1.57 0.00
RAVENSWOOD_GT3_4 24251	47.96 2.71 0.00	37.07 2.17 0.00	33.49 2.01 0.00	35.52 1.96 0.00	37.69 1.89 0.00	39.41 1.81 0.00	35.07 1.97 0.00	34.06 2.17 0.00	39.69 2.58 0.00	46.86 2.90 -2.28	50.59 3.52 -0.59	53.83 3.81 -0.34	57.09 3.87 0.00	77.81 5.56 0.00	54.93 4.03 0.00	62.83 4.87 0.00	59.72 5.17 0.00	58.28 4.66 -3.64	50.49 3.87 0.00	50.52 3.20 0.00	49.17 2.74 0.00	44.60 2.41 0.00	34.66 1.93 0.00	27.25 1.57 0.00
RAVENSWOOD_GT_1 23729	48.05 2.80 0.00	37.12 2.22 0.00	33.53 2.05 0.00	35.51 1.96 0.00	37.71 1.91 0.00	39.43 1.84 0.00	35.13 2.04 0.00	34.13 2.23 0.00	39.79 2.68 0.00	51.10 2.85 -6.57	50.62 3.32 -0.82	54.10 3.77 -0.66	57.13 3.77 -0.14	77.52 5.26 0.00	54.86 3.96 0.00	62.70 4.73 0.00	59.59 5.03 0.00	58.19 4.57 -3.64	50.42 3.81 0.00	50.24 2.92 0.00	48.96 2.53 0.00	44.51 2.32 0.00	34.69 1.96 0.00	27.28 1.60 0.00
RAVENSWOOD_GT_10 24258	47.87 2.63 0.00	37.00 2.10 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.63 1.83 0.00	39.34 1.75 0.00	35.00 1.90 0.00	33.99 2.09 0.00	39.61 2.50 0.00	47.53 2.80 -3.05	50.51 3.39 -0.64	53.75 3.67 -0.40	56.98 3.74 -0.02	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.40 3.08 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.59 1.86 0.00	27.20 1.52 0.00
RAVENSWOOD_GT_11 24259	47.87 2.63 0.00	37.00 2.10 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.63 1.83 0.00	39.34 1.75 0.00	35.00 1.90 0.00	33.99 2.09 0.00	39.61 2.50 0.00	47.53 2.80 -3.05	50.51 3.39 -0.64	53.75 3.67 -0.40	56.98 3.74 -0.02	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.40 3.08 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.59 1.86 0.00	27.20 1.52 0.00
RAVENSWOOD_GT_4 24252	47.88 2.64 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.46 1.91 0.00	37.63 1.83 0.00	39.35 1.75 0.00	35.00 1.91 0.00	33.99 2.10 0.00	39.62 2.51 0.00	46.86 2.81 -2.37	50.48 3.39 -0.61	53.70 3.68 -0.35	56.96 3.74 0.00	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.39 3.07 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.60 1.87 0.00	27.20 1.52 0.00
RAVENSWOOD_GT_5 24254	47.88 2.64 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.46 1.91 0.00	37.63 1.83 0.00	39.35 1.75 0.00	35.00 1.91 0.00	33.99 2.10 0.00	39.62 2.51 0.00	46.86 2.81 -2.37	50.48 3.39 -0.61	53.70 3.68 -0.35	56.96 3.74 0.00	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.39 3.07 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.60 1.87 0.00	27.20 1.52 0.00
RAVENSWOOD_GT_6 24253	47.88 2.64 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.46 1.91 0.00	37.63 1.83 0.00	39.35 1.75 0.00	35.00 1.91 0.00	33.99 2.10 0.00	39.62 2.51 0.00	46.86 2.81 -2.37	50.48 3.39 -0.61	53.70 3.68 -0.35	56.96 3.74 0.00	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.39 3.07 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.60 1.87 0.00	27.20 1.52 0.00
RAVENSWOOD_GT_7 24255	47.88 2.64 0.00	37.01 2.11 0.00	33.43 1.95 0.00	35.46 1.91 0.00	37.63 1.83 0.00	39.35 1.75 0.00	35.00 1.91 0.00	33.99 2.10 0.00	39.62 2.51 0.00	46.86 2.81 -2.37	50.48 3.39 -0.61	53.70 3.68 -0.35	56.96 3.74 0.00	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.39 3.07 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.60 1.87 0.00	27.20 1.52 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.87 2.63 0.00	37.00 2.10 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.63 1.83 0.00	39.34 1.75 0.00	35.00 1.90 0.00	33.99 2.09 0.00	39.61 2.50 0.00	47.53 2.80 -3.05	50.51 3.39 -0.64	53.75 3.67 -0.40	56.98 3.74 -0.02	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.40 3.08 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.59 1.86 0.00	27.20 1.52 0.00
RAVENSWOOD_GT_9 24257	47.87 2.63 0.00	37.00 2.10 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.63 1.83 0.00	39.34 1.75 0.00	35.00 1.90 0.00	33.99 2.09 0.00	39.61 2.50 0.00	47.53 2.80 -3.05	50.51 3.39 -0.64	53.75 3.67 -0.40	56.98 3.74 -0.02	77.61 5.36 0.00	54.80 3.89 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.16 4.54 -3.64	50.39 3.78 0.00	50.40 3.08 0.00	49.07 2.64 0.00	44.49 2.30 0.00	34.59 1.86 0.00	27.20 1.52 0.00

RAVENSWOOD___1 23533	48.03 2.79 0.00	37.09 2.20 0.00	33.51 2.04 0.00	35.48 1.93 0.00	37.69 1.89 0.00	39.40 1.81 0.00	35.11 2.01 0.00	34.11 2.21 0.00	39.77 2.66 0.00	50.32 2.82 -5.82	50.53 3.27 -0.78	54.00 3.72 -0.60	57.04 3.70 -0.11	77.41 5.15 0.00	54.83 3.92 0.00	62.64 4.68 0.00	59.53 4.97 0.00	58.14 4.53 -3.64	50.38 3.77 0.00	50.18 2.86 0.00	48.91 2.48 0.00	44.48 2.29 0.00	34.68 1.94 0.00	27.25 1.57 0.00
RAVENSWOOD___2 23534	47.93 2.68 0.00	37.02 2.12 0.00	33.44 1.97 0.00	35.41 1.85 0.00	37.61 1.80 0.00	39.31 1.72 0.00	35.04 1.94 0.00	34.04 2.15 0.00	39.69 2.58 0.00	50.20 2.71 -5.80	50.42 3.16 -0.78	53.88 3.59 -0.60	56.80 3.47 -0.11	76.96 4.70 0.00	54.56 3.65 0.00	62.34 4.38 0.00	59.14 4.59 0.00	57.83 4.21 -3.64	50.14 3.52 0.00	49.78 2.46 0.00	48.51 2.08 0.00	44.17 1.98 0.00	34.48 1.75 0.00	27.13 1.45 0.00
RAVENSWOOD___3 23535	47.87 2.62 0.00	37.00 2.11 0.00	33.43 1.95 0.00	35.45 1.90 0.00	37.63 1.82 0.00	39.34 1.75 0.00	35.00 1.91 0.00	33.99 2.10 0.00	39.62 2.51 0.00	46.80 2.81 -2.32	50.49 3.41 -0.60	53.70 3.68 -0.34	56.94 3.72 0.00	77.62 5.36 0.00	54.80 3.90 0.00	62.67 4.71 0.00	59.58 5.02 0.00	58.15 4.54 -3.64	50.39 3.78 0.00	50.40 3.08 0.00	49.08 2.65 0.00	44.50 2.31 0.00	34.59 1.86 0.00	27.20 1.52 0.00
RAVENSWOOD___4 23820	48.00 2.75 0.00	37.07 2.17 0.00	33.49 2.02 0.00	35.46 1.90 0.00	37.66 1.86 0.00	39.36 1.77 0.00	35.09 1.99 0.00	34.08 2.19 0.00	39.74 2.63 0.00	49.52 2.78 -5.06	50.44 3.22 -0.74	53.91 3.68 -0.55	56.96 3.65 -0.09	77.33 5.07 0.00	54.78 3.87 0.00	62.58 4.62 0.00	59.47 4.92 0.00	58.10 4.48 -3.64	50.35 3.74 0.00	50.12 2.80 0.00	48.86 2.44 0.00	44.44 2.25 0.00	34.66 1.92 0.00	27.23 1.55 0.00
RCPL_TRUST___DRP 24196	47.88 2.63 0.00	37.01 2.11 0.00	33.43 1.96 0.00	35.46 1.91 0.00	37.63 1.83 0.00	39.35 1.76 0.00	35.02 1.92 0.00	34.01 2.12 0.00	39.65 2.53 0.00	45.96 2.85 -1.43	50.32 3.48 -0.37	53.62 3.73 -0.21	57.03 3.81 0.00	77.75 5.49 0.00	54.86 3.96 0.00	62.76 4.80 0.00	59.67 5.12 0.00	58.22 4.60 -3.65	50.44 3.83 0.00	50.44 3.12 0.00	49.09 2.66 0.00	44.51 2.32 0.00	34.59 1.86 0.00	27.20 1.52 0.00
RED___ROCHESTER 323720	46.06 0.81 0.00	35.20 0.30 0.00	31.59 0.11 0.00	33.53 -0.02 0.00	35.85 0.05 0.00	37.64 0.05 0.00	32.88 -0.21 0.00	31.65 -0.24 0.00	37.06 -0.05 0.00	42.23 0.55 0.00	47.77 1.29 0.00	51.09 1.42 0.00	54.70 1.47 0.00	73.49 1.23 0.00	51.56 0.65 0.00	57.95 -0.02 0.00	54.83 0.27 0.00	50.22 0.25 0.00	46.74 0.12 0.00	47.89 0.57 0.00	46.94 0.51 0.00	42.66 0.47 0.00	32.98 0.25 0.00	25.82 0.14 0.00
REGAN___SOLAR 323812	48.19 2.94 0.00	37.07 2.17 0.00	33.34 1.86 0.00	35.55 2.00 0.00	37.89 2.09 0.00	39.80 2.21 0.00	34.91 1.82 0.00	33.36 1.46 0.00	39.28 2.17 0.00	44.14 2.45 0.00	46.77 0.29 0.00	49.88 0.20 0.00	53.40 0.18 0.00	72.39 0.13 0.00	51.01 0.11 0.00	60.53 2.57 0.00	57.70 3.15 0.00	52.07 2.09 0.00	48.11 1.49 0.00	50.00 2.68 0.00	49.57 3.14 0.00	45.13 2.93 0.00	34.91 2.18 0.00	27.30 1.63 0.00
RENSSELAER___COGEN 23796	45.23 -0.02 0.00	35.18 0.28 0.00	31.98 0.50 0.00	34.20 0.65 0.00	36.23 0.43 0.00	37.85 0.26 0.00	33.51 0.42 0.00	32.32 0.43 0.00	37.41 0.30 0.00	41.90 0.22 0.00	46.72 0.24 0.00	49.87 0.19 0.00	53.41 0.19 0.00	72.92 0.66 0.00	51.27 0.37 0.00	58.80 0.84 0.00	55.57 1.01 0.00	51.33 1.00 -0.36	47.36 0.74 0.00	47.72 0.41 0.00	46.74 0.31 0.00	42.40 0.21 0.00	32.88 0.15 0.00	25.90 0.22 0.00
REPUBLIC_115KV_BARTNBK 55605	49.16 3.91 0.00	38.99 4.09 0.00	35.05 3.57 0.00	37.47 3.91 0.00	39.26 3.45 0.00	41.04 3.45 0.00	36.48 3.38 0.00	34.96 3.07 0.00	40.40 3.28 0.00	45.71 4.03 0.00	50.04 3.55 0.00	53.10 3.42 0.00	56.91 3.69 0.00	77.17 4.92 0.00	53.89 2.99 0.00	62.64 4.68 0.00	59.81 5.25 0.00	55.01 4.70 -0.33	51.63 5.01 0.00	51.32 4.00 0.00	50.11 3.69 0.00	45.43 3.24 0.00	35.14 2.40 0.00	27.33 1.65 0.00
REVERE_CPPR_DRP 24186	46.63 1.39 0.00	35.83 0.94 0.00	32.39 0.91 0.00	34.58 1.03 0.00	36.95 1.14 0.00	38.81 1.22 0.00	34.04 0.95 0.00	32.88 0.98 0.00	38.41 1.30 0.00	42.62 0.94 0.00	47.51 1.03 0.00	51.33 1.66 0.00	54.86 1.63 0.00	74.47 2.21 0.00	52.93 2.02 0.00	59.83 1.87 0.00	55.78 1.23 0.00	51.28 1.30 0.00	47.93 1.32 0.00	49.35 2.02 0.00	48.59 2.17 0.00	44.09 1.90 0.00	34.08 1.35 0.00	26.52 0.84 0.00
REYNLDPA_13_KV_LD 356490	45.46 0.21 0.00	35.02 0.13 0.00	31.46 -0.02 0.00	33.45 -0.10 0.00	35.82 0.02 0.00	37.83 0.24 0.00	33.31 0.22 0.00	32.13 0.24 0.00	37.44 0.33 0.00	42.05 0.37 0.00	46.65 0.17 0.00	49.62 -0.06 0.00	53.21 -0.02 0.00	71.92 -0.34 0.00	50.57 -0.33 0.00	57.58 -0.39 0.00	54.08 -0.47 0.00	49.58 -0.40 0.00	46.37 -0.25 0.00	47.17 -0.15 0.00	46.52 0.09 0.00	42.42 0.23 0.00	33.00 0.27 0.00	25.88 0.20 0.00
REYNOLDS_115KV_TB3 80639	45.67 0.42 0.00	35.53 0.62 0.00	32.27 0.79 0.00	34.52 0.96 0.00	36.53 0.73 0.00	38.19 0.60 0.00	33.79 0.70 0.00	32.60 0.71 0.00	37.76 0.64 0.00	42.27 0.59 0.00	47.09 0.61 0.00	50.28 0.60 0.00	53.88 0.66 0.00	73.58 1.33 0.00	51.69 0.79 0.00	59.30 1.33 0.00	56.01 1.46 0.00	51.88 1.44 -0.47	47.79 1.18 0.00	48.15 0.83 0.00	47.14 0.71 0.00	42.75 0.57 0.00	33.16 0.43 0.00	26.09 0.42 0.00
RIVERBAY____ 323610	49.72 4.47 0.00	38.70 3.80 0.00	34.89 3.42 0.00	36.94 3.39 0.00	39.35 3.55 0.00	41.07 3.48 0.00	36.62 3.52 0.00	35.55 3.66 0.00	41.41 4.30 0.00	49.07 4.53 -2.86	52.29 5.18 -0.64	55.92 5.85 -0.39	59.39 6.14 -0.02	80.71 8.45 0.00	57.22 6.32 0.00	65.35 7.38 0.00	62.09 7.54 0.00	60.54 6.92 -3.64	52.37 5.76 0.00	52.14 4.82 0.00	50.97 4.54 0.00	46.35 4.16 0.00	36.11 3.38 0.00	28.30 2.62 0.00
RIVERSDE_115KV_TB3 55908	45.56 0.31 0.00	35.42 0.52 0.00	32.20 0.72 0.00	34.43 0.87 0.00	36.45 0.65 0.00	38.09 0.49 0.00	33.72 0.63 0.00	32.53 0.64 0.00	37.67 0.56 0.00	42.20 0.52 0.00	47.02 0.53 0.00	50.20 0.52 0.00	53.80 0.57 0.00	73.46 1.20 0.00	51.63 0.72 0.00	59.22 1.26 0.00	55.97 1.41 0.00	51.70 1.36 -0.37	47.69 1.08 0.00	48.06 0.74 0.00	47.07 0.63 0.00	42.68 0.49 0.00	33.09 0.36 0.00	26.05 0.37 0.00
ROARING___BROOK_WT_PWR 323790	44.48 -0.77 0.00	34.42 -0.48 0.00	31.08 -0.39 0.00	33.20 -0.35 0.00	35.50 -0.30 0.00	37.35 -0.24 0.00	32.69 -0.41 0.00	31.49 -0.40 0.00	36.96 -0.15 0.00	41.16 -0.52 0.00	45.85 -0.63 0.00	49.53 -0.15 0.00	53.11 -0.11 0.00	72.00 -0.26 0.00	50.56 -0.34 0.00	57.34 -0.63 0.00	53.70 -0.85 0.00	49.31 -0.66 0.00	46.09 -0.53 0.00	47.08 -0.24 0.00	46.32 -0.11 0.00	42.09 -0.10 0.00	32.59 -0.14 0.00	25.50 -0.18 0.00

ROCHESRG_115KV_T4 355643	45.41 0.16 0.00	34.73 -0.17 0.00	31.20 -0.28 0.00	33.12 -0.43 0.00	35.42 -0.38 0.00	37.19 -0.40 0.00	32.49 -0.61 0.00	31.26 -0.63 0.00	36.58 -0.54 0.00	41.61 -0.07 0.00	47.08 0.60 0.00	50.29 0.61 0.00	53.83 0.61 0.00	72.30 0.04 0.00	50.72 -0.19 0.00	56.98 -0.98 0.00	53.87 -0.68 0.00	49.33 -0.65 0.00	45.90 -0.71 0.00	47.04 -0.28 0.00	46.18 -0.25 0.00	42.02 -0.17 0.00	32.52 -0.21 0.00	25.49 -0.19 0.00
ROCHESTER_9_IC 23652	45.73 0.49 0.00	34.97 0.07 0.00	31.40 -0.08 0.00	33.34 -0.22 0.00	35.64 -0.16 0.00	37.43 -0.16 0.00	32.69 -0.40 0.00	31.47 -0.42 0.00	36.84 -0.27 0.00	41.93 0.25 0.00	47.45 0.96 0.00	50.71 1.03 0.00	54.28 1.05 0.00	72.89 0.63 0.00	51.14 0.23 0.00	57.46 -0.50 0.00	54.35 -0.20 0.00	49.75 -0.22 0.00	46.30 -0.31 0.00	47.45 0.13 0.00	46.56 0.13 0.00	42.34 0.15 0.00	32.76 0.03 0.00	25.66 -0.02 0.00
ROCKVIEW_13_KV_LD 356306	47.90 2.65 0.00	37.02 2.12 0.00	33.44 1.96 0.00	35.49 1.94 0.00	37.66 1.86 0.00	39.36 1.77 0.00	34.98 1.89 0.00	33.94 2.05 0.00	39.54 2.43 0.00	44.62 2.73 -0.21	49.84 3.34 -0.01	53.34 3.65 -0.02	56.97 3.74 0.00	77.67 5.41 0.00	54.81 3.91 0.00	62.72 4.75 0.00	59.59 5.04 0.00	58.20 4.59 -3.64	50.42 3.81 0.00	50.44 3.13 0.00	49.14 2.71 0.00	44.54 2.35 0.00	34.59 1.86 0.00	27.16 1.48 0.00
ROME____115KV_TB2 80656	46.63 1.39 0.00	35.83 0.94 0.00	32.39 0.91 0.00	34.58 1.03 0.00	36.95 1.14 0.00	38.81 1.22 0.00	34.04 0.95 0.00	32.88 0.98 0.00	38.41 1.30 0.00	42.62 0.94 0.00	47.51 1.03 0.00	51.33 1.66 0.00	54.86 1.63 0.00	74.47 2.21 0.00	52.93 2.02 0.00	59.83 1.87 0.00	55.78 1.23 0.00	51.28 1.30 0.00	47.93 1.32 0.00	49.35 2.02 0.00	48.59 2.17 0.00	44.09 1.90 0.00	34.08 1.35 0.00	26.52 0.84 0.00
ROSETON___1 23587	47.00 1.75 0.00	36.36 1.46 0.00	32.86 1.39 0.00	34.97 1.42 0.00	37.10 1.30 0.00	38.78 1.19 0.00	34.38 1.29 0.00	33.27 1.38 0.00	38.69 1.58 0.00	43.37 1.69 0.00	48.58 2.10 0.00	51.98 2.30 0.00	55.58 2.35 0.00	75.80 3.54 0.00	53.45 2.55 0.00	61.17 3.21 0.00	58.02 3.47 0.00	54.26 3.15 -1.13	49.19 2.58 0.00	49.40 2.08 0.00	48.22 1.79 0.00	43.73 1.54 0.00	33.96 1.22 0.00	26.68 1.00 0.00
ROSETON___2 23588	47.00 1.75 0.00	36.36 1.46 0.00	32.86 1.39 0.00	34.97 1.42 0.00	37.10 1.30 0.00	38.78 1.19 0.00	34.38 1.29 0.00	33.27 1.38 0.00	38.69 1.58 0.00	43.37 1.69 0.00	48.58 2.10 0.00	51.98 2.30 0.00	55.58 2.35 0.00	75.80 3.54 0.00	53.45 2.55 0.00	61.17 3.21 0.00	58.02 3.47 0.00	54.26 3.15 -1.13	49.19 2.58 0.00	49.40 2.08 0.00	48.22 1.79 0.00	43.73 1.54 0.00	33.96 1.22 0.00	26.68 1.00 0.00
ROTTRDAM_115KV_TB3 80664	46.34 1.10 0.00	35.86 0.96 0.00	32.40 0.93 0.00	34.62 1.07 0.00	36.79 0.99 0.00	38.53 0.94 0.00	33.98 0.89 0.00	32.72 0.83 0.00	38.04 0.93 0.00	42.73 1.05 0.00	47.42 0.94 0.00	50.60 0.92 0.00	54.17 0.95 0.00	73.76 1.50 0.00	51.92 1.02 0.00	59.55 1.59 0.00	56.34 1.78 0.00	51.89 1.60 -0.31	47.99 1.38 0.00	48.62 1.29 0.00	47.66 1.23 0.00	43.26 1.07 0.00	33.53 0.80 0.00	26.30 0.63 0.00
RUSSELL___1 23602	46.06 0.81 0.00	35.20 0.30 0.00	31.58 0.11 0.00	33.53 -0.02 0.00	35.85 0.05 0.00	37.64 0.05 0.00	32.88 -0.21 0.00	31.65 -0.24 0.00	37.08 -0.04 0.00	42.21 0.53 0.00	47.78 1.30 0.00	51.10 1.42 0.00	54.68 1.46 0.00	73.46 1.20 0.00	51.54 0.64 0.00	57.95 -0.02 0.00	54.83 0.27 0.00	50.20 0.22 0.00	46.72 0.10 0.00	47.88 0.56 0.00	46.93 0.50 0.00	42.65 0.46 0.00	32.97 0.24 0.00	25.82 0.14 0.00
RUSSELL___2 23532	46.06 0.81 0.00	35.20 0.30 0.00	31.58 0.11 0.00	33.53 -0.02 0.00	35.85 0.05 0.00	37.64 0.05 0.00	32.88 -0.21 0.00	31.65 -0.24 0.00	37.08 -0.04 0.00	42.21 0.53 0.00	47.78 1.30 0.00	51.10 1.42 0.00	54.68 1.46 0.00	73.46 1.20 0.00	51.54 0.64 0.00	57.95 -0.02 0.00	54.83 0.27 0.00	50.20 0.22 0.00	46.72 0.10 0.00	47.88 0.56 0.00	46.93 0.50 0.00	42.65 0.46 0.00	32.97 0.24 0.00	25.82 0.14 0.00
RUSSELL___3 23549	46.06 0.81 0.00	35.20 0.30 0.00	31.58 0.11 0.00	33.53 -0.02 0.00	35.85 0.05 0.00	37.64 0.05 0.00	32.88 -0.21 0.00	31.65 -0.24 0.00	37.08 -0.04 0.00	42.21 0.53 0.00	47.78 1.30 0.00	51.10 1.42 0.00	54.68 1.46 0.00	73.46 1.20 0.00	51.54 0.64 0.00	57.95 -0.02 0.00	54.83 0.27 0.00	50.20 0.22 0.00	46.72 0.10 0.00	47.88 0.56 0.00	46.93 0.50 0.00	42.65 0.46 0.00	32.97 0.24 0.00	25.82 0.14 0.00
RUSSELL___4 23556	46.06 0.81 0.00	35.20 0.30 0.00	31.58 0.11 0.00	33.53 -0.02 0.00	35.85 0.05 0.00	37.64 0.05 0.00	32.88 -0.21 0.00	31.65 -0.24 0.00	37.08 -0.04 0.00	42.21 0.53 0.00	47.78 1.30 0.00	51.10 1.42 0.00	54.68 1.46 0.00	73.46 1.20 0.00	51.54 0.64 0.00	57.95 -0.02 0.00	54.83 0.27 0.00	50.20 0.22 0.00	46.72 0.10 0.00	47.88 0.56 0.00	46.93 0.50 0.00	42.65 0.46 0.00	32.97 0.24 0.00	25.82 0.14 0.00
RUSSELL___STATION 23914	46.06 0.81 0.00	35.20 0.30 0.00	31.58 0.11 0.00	33.53 -0.02 0.00	35.85 0.05 0.00	37.64 0.05 0.00	32.88 -0.21 0.00	31.65 -0.24 0.00	37.08 -0.04 0.00	42.21 0.53 0.00	47.78 1.30 0.00	51.10 1.42 0.00	54.68 1.46 0.00	73.46 1.20 0.00	51.54 0.64 0.00	57.95 -0.02 0.00	54.83 0.27 0.00	50.20 0.22 0.00	46.72 0.10 0.00	47.88 0.56 0.00	46.93 0.50 0.00	42.65 0.46 0.00	32.97 0.24 0.00	25.82 0.14 0.00
S SALMON___HYD 24043	44.66 -0.59 0.00	34.33 -0.57 0.00	30.98 -0.49 0.00	33.13 -0.43 0.00	35.52 -0.28 0.00	37.35 -0.24 0.00	32.59 -0.50 0.00	31.40 -0.49 0.00	36.72 -0.39 0.00	41.07 -0.61 0.00	45.95 -0.54 -0.01	49.61 -0.16 -0.09	52.96 -0.27 0.00	74.42 -0.68 -2.84	50.27 -0.64 0.00	56.45 -1.52 0.00	52.93 -1.62 0.00	48.76 -1.21 0.00	45.62 -0.99 0.00	47.11 -0.21 0.00	46.51 0.08 0.00	42.26 0.07 0.00	32.67 -0.06 0.00	25.44 -0.24 0.00
S.PERRY__115KV_TB1 80734	46.56 1.31 0.00	35.74 0.84 0.00	31.97 0.50 0.00	33.88 0.33 0.00	36.55 0.74 0.00	38.51 0.92 0.00	33.58 0.48 0.00	32.19 0.30 0.00	37.23 0.12 0.00	42.23 0.54 0.00	47.99 1.51 0.00	51.26 1.58 0.00	54.47 1.25 0.00	72.34 -0.10 -0.18	49.60 -1.31 0.00	55.63 -2.33 0.00	78.94 -2.21 -26.59	86.77 -2.09 -38.89	69.40 -1.81 -24.59	46.86 -0.46 0.00	46.54 0.11 0.00	42.53 0.34 0.00	33.53 0.79 0.00	26.38 0.70 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.94 -0.30 0.00	34.22 -0.68 0.00	30.70 -0.77 0.00	32.55 -1.00 0.00	34.89 -0.92 0.00	36.64 -0.95 0.00	31.79 -1.31 0.00	30.51 -1.38 0.00	35.83 -1.28 0.00	41.09 -0.59 0.00	46.87 0.39 0.00	49.90 0.22 0.00	53.43 0.21 0.00	71.00 -1.22 0.04	49.72 -1.19 0.00	55.42 -2.54 0.00	46.42 -2.04 6.10	39.13 -1.95 8.89	39.01 -1.99 5.62	45.95 -1.36 0.00	45.20 -1.23 0.00	41.31 -0.89 0.00	32.03 -0.70 0.00	25.16 -0.52 0.00

SAWYER___23_KV_LOAD 55526	44.94 -0.30 0.00	34.22 -0.68 0.00	30.70 -0.77 0.00	32.55 -1.00 0.00	34.89 -0.92 0.00	36.64 -0.95 0.00	31.79 -1.31 0.00	30.51 -1.38 0.00	35.83 -1.28 0.00	41.09 -0.59 0.00	46.87 0.39 0.00	49.90 0.22 0.00	53.43 0.21 0.00	71.00 -1.22 0.04	49.72 -1.19 0.00	55.42 -2.54 0.00	46.42 -2.04 6.10	39.13 -1.95 8.89	39.01 -1.99 5.62	45.95 -1.36 0.00	45.20 -1.23 0.00	41.31 -0.89 0.00	32.03 -0.70 0.00	25.16 -0.52 0.00
SELKIRK___I 23801	45.15 -0.10 0.00	35.53 0.63 0.00	32.25 0.78 0.00	34.51 0.96 0.00	36.63 0.83 0.00	38.29 0.70 0.00	33.81 0.72 0.00	32.55 0.66 0.00	37.75 0.64 0.00	42.28 0.60 0.00	47.11 0.63 0.00	50.23 0.55 0.00	53.79 0.57 0.00	73.33 1.08 0.00	51.61 0.71 0.00	59.16 1.20 0.00	55.94 1.39 0.00	51.63 1.32 -0.34	47.71 1.10 0.00	48.18 0.86 0.00	47.22 0.79 0.00	42.87 0.68 0.00	33.23 0.50 0.00	26.16 0.48 0.00
SELKIRK___II 23799	45.32 0.08 0.00	35.31 0.41 0.00	32.11 0.63 0.00	34.33 0.78 0.00	36.42 0.61 0.00	38.07 0.48 0.00	33.65 0.56 0.00	32.44 0.55 0.00	37.61 0.50 0.00	42.13 0.45 0.00	47.03 0.54 0.00	50.20 0.52 0.00	53.77 0.54 0.00	73.33 1.08 0.00	51.61 0.71 0.00	59.10 1.13 0.00	55.81 1.26 0.00	51.53 1.20 -0.35	47.57 0.95 0.00	47.98 0.66 0.00	46.99 0.56 0.00	42.64 0.45 0.00	33.07 0.34 0.00	26.02 0.34 0.00
SENECA OSWGO___HYD 24041	44.53 -0.72 0.00	34.24 -0.65 0.00	30.88 -0.60 0.00	32.93 -0.62 0.00	35.15 -0.65 0.00	36.84 -0.75 0.00	32.43 -0.66 0.00	31.23 -0.66 0.00	36.31 -0.80 0.00	40.86 -0.82 0.00	45.79 -0.70 -0.01	49.12 -0.71 -0.14	52.43 -0.79 0.00	75.52 -1.12 -4.38	50.12 -0.79 0.00	56.77 -1.20 0.00	53.51 -1.04 0.00	49.02 -0.95 0.00	45.74 -0.88 0.00	46.65 -0.67 0.00	45.71 -0.72 0.00	41.48 -0.71 0.00	32.15 -0.58 0.00	25.19 -0.49 0.00
SENECA___115KV_TB3 355854	45.28 0.03 0.00	34.41 -0.49 0.00	30.85 -0.62 0.00	32.76 -0.79 0.00	35.14 -0.66 0.00	36.92 -0.67 0.00	32.04 -1.05 0.00	30.77 -1.12 0.00	36.13 -0.99 0.00	41.45 -0.23 0.00	47.27 0.79 0.00	50.34 0.66 0.00	53.88 0.65 0.00	71.60 -0.61 0.05	50.16 -0.74 0.00	55.92 -2.05 0.00	45.77 -1.53 7.25	37.87 -1.53 10.57	38.38 -1.56 6.68	46.48 -0.84 0.00	45.69 -0.74 0.00	41.67 -0.52 0.00	32.29 -0.44 0.00	25.35 -0.33 0.00
SENECA___ENERGY 23797	45.37 0.13 0.00	34.77 -0.13 0.00	31.29 -0.18 0.00	33.29 -0.26 0.00	35.61 -0.20 0.00	37.33 -0.26 0.00	32.85 -0.25 0.00	31.57 -0.32 0.00	36.73 -0.38 0.00	41.53 -0.15 0.00	46.80 0.31 0.00	50.06 0.34 -0.04	53.54 0.32 0.00	73.79 0.29 -1.23	51.10 0.20 0.00	57.26 -0.71 0.00	55.96 -0.41 -1.82	52.05 -0.60 -2.68	47.89 -0.43 -1.70	47.47 0.15 0.00	46.55 0.12 0.00	42.21 0.02 0.00	32.66 -0.07 0.00	25.56 -0.12 0.00
SHOEMAKER___GT 23640	46.93 1.68 0.00	36.24 1.34 0.00	32.74 1.26 0.00	34.84 1.29 0.00	37.03 1.22 0.00	38.71 1.12 0.00	34.27 1.18 0.00	33.15 1.26 0.00	38.52 1.41 0.00	43.19 1.50 0.00	48.36 1.88 0.00	51.75 2.07 0.00	55.39 2.16 0.00	75.50 3.25 0.00	53.30 2.40 0.00	61.04 3.08 0.00	57.90 3.35 0.00	48.27 3.02 4.73	49.04 2.43 0.00	49.34 2.02 0.00	48.20 1.77 0.00	43.71 1.52 0.00	33.92 1.19 0.00	26.61 0.93 0.00
SHOEMAKR_138KV_BK 111 55601	46.92 1.67 0.00	36.23 1.33 0.00	32.73 1.26 0.00	34.83 1.28 0.00	37.01 1.21 0.00	38.70 1.11 0.00	34.27 1.17 0.00	33.14 1.25 0.00	38.53 1.41 0.00	43.22 1.54 0.00	48.40 1.92 0.00	51.80 2.12 0.00	55.44 2.21 0.00	75.57 3.32 0.00	53.33 2.43 0.00	61.05 3.08 0.00	57.90 3.35 0.00	45.02 3.02 7.97	49.04 2.43 0.00	49.35 2.03 0.00	48.19 1.76 0.00	43.70 1.51 0.00	33.91 1.18 0.00	26.61 0.93 0.00
SHOREHAM_IC_1 23715	27.98 1.16 18.43	36.13 1.23 0.00	32.77 1.29 0.00	34.55 1.00 0.00	36.60 0.79 0.00	38.21 0.62 0.00	34.28 1.18 0.00	33.18 1.29 0.00	38.76 1.64 0.00	43.04 1.50 0.14	48.74 2.31 0.06	49.96 2.25 1.97	37.02 2.32 18.53	49.54 3.46 26.18	51.18 2.77 2.49	61.65 3.69 0.00	58.96 4.40 0.00	57.87 4.25 -3.64	49.80 3.18 0.00	48.87 2.29 0.74	33.95 1.86 14.33	14.78 1.45 28.86	12.58 1.11 21.26	15.74 0.85 10.79
SHOREHAM_IC_2 23716	27.99 1.17 18.43	36.13 1.23 0.00	32.77 1.29 0.00	34.55 1.00 0.00	36.60 0.79 0.00	38.21 0.61 0.00	34.29 1.19 0.00	33.18 1.29 0.00	38.75 1.64 0.00	43.05 1.51 0.14	48.71 2.29 0.06	49.97 2.26 1.97	37.11 2.41 18.53	49.58 3.50 26.18	51.19 2.77 2.49	61.65 3.69 0.00	58.96 4.41 0.00	57.87 4.25 -3.64	49.80 3.18 0.00	48.87 2.29 0.74	34.01 1.92 14.33	14.82 1.48 28.86	12.61 1.14 21.26	15.76 0.87 10.79
SISSONVILLE____ 23735	45.61 0.36 0.00	35.11 0.21 0.00	31.48 0.00 0.00	33.51 -0.04 0.00	35.97 0.17 0.00	38.13 0.54 0.00	33.47 0.38 0.00	32.30 0.41 0.00	37.75 0.64 0.00	42.16 0.47 0.00	46.86 0.37 0.00	49.94 0.26 0.00	53.19 -0.04 0.00	71.73 -0.53 0.00	50.34 -0.56 0.00	57.31 -0.65 0.00	53.64 -0.91 0.00	49.05 -0.93 0.00	45.89 -0.73 0.00	47.06 -0.26 0.00	46.66 0.22 0.00	42.76 0.57 0.00	33.42 0.69 0.00	26.11 0.43 0.00
SITHE_IND_GS1 24169	43.97 -1.28 0.00	33.85 -1.05 0.00	30.53 -0.95 0.00	32.55 -1.01 0.00	34.73 -1.07 0.00	36.40 -1.19 0.00	32.04 -1.06 0.00	30.85 -1.04 0.00	35.89 -1.22 0.00	40.40 -1.28 0.00	45.13 -1.32 0.03	47.86 -1.32 0.50	51.78 -1.45 0.00	54.83 -2.09 15.33	49.53 -1.37 0.00	56.17 -1.79 0.00	52.93 -1.63 0.00	48.44 -1.53 0.00	45.17 -1.44 0.00	46.01 -1.32 0.00	45.11 -1.32 0.00	40.97 -1.23 0.00	31.75 -0.98 0.00	24.90 -0.78 0.00
SITHE_IND_GS2 24170	43.97 -1.28 0.00	33.85 -1.05 0.00	30.53 -0.95 0.00	32.55 -1.01 0.00	34.73 -1.07 0.00	36.40 -1.19 0.00	32.04 -1.06 0.00	30.85 -1.04 0.00	35.89 -1.22 0.00	40.40 -1.28 0.00	45.13 -1.32 0.03	47.86 -1.32 0.50	51.78 -1.45 0.00	54.83 -2.09 15.33	49.53 -1.37 0.00	56.17 -1.79 0.00	52.93 -1.63 0.00	48.44 -1.53 0.00	45.17 -1.44 0.00	46.01 -1.32 0.00	45.11 -1.32 0.00	40.97 -1.23 0.00	31.75 -0.98 0.00	24.90 -0.78 0.00
SITHE_IND_GS3 24171	43.97 -1.28 0.00	33.85 -1.05 0.00	30.53 -0.95 0.00	32.55 -1.01 0.00	34.73 -1.07 0.00	36.40 -1.19 0.00	32.04 -1.06 0.00	30.85 -1.04 0.00	35.89 -1.22 0.00	40.40 -1.28 0.00	45.13 -1.32 0.03	47.86 -1.32 0.50	51.78 -1.45 0.00	54.83 -2.09 15.33	49.53 -1.37 0.00	56.17 -1.79 0.00	52.93 -1.63 0.00	48.44 -1.53 0.00	45.17 -1.44 0.00	46.01 -1.32 0.00	45.11 -1.32 0.00	40.97 -1.23 0.00	31.75 -0.98 0.00	24.90 -0.78 0.00
SITHE_IND_GS4 24172	43.97 -1.28 0.00	33.85 -1.05 0.00	30.53 -0.95 0.00	32.55 -1.01 0.00	34.73 -1.07 0.00	36.40 -1.19 0.00	32.04 -1.06 0.00	30.85 -1.04 0.00	35.89 -1.22 0.00	40.40 -1.28 0.00	45.13 -1.32 0.03	47.86 -1.32 0.50	51.78 -1.45 0.00	54.83 -2.09 15.33	49.53 -1.37 0.00	56.17 -1.79 0.00	52.93 -1.63 0.00	48.44 -1.53 0.00	45.17 -1.44 0.00	46.01 -1.32 0.00	45.11 -1.32 0.00	40.97 -1.23 0.00	31.75 -0.98 0.00	24.90 -0.78 0.00

SITHE___BATAVIA 24024	46.49 1.24 0.00	35.42 0.52 0.00	31.73 0.25 0.00	33.61 0.06 0.00	35.98 0.18 0.00	37.84 0.25 0.00	32.92 -0.17 0.00	31.59 -0.30 0.00	37.04 -0.07 0.00	42.34 0.66 0.00	47.96 1.48 0.00	51.15 1.48 0.00	54.89 1.67 0.00	73.71 1.47 0.02	51.47 0.56 0.00	57.49 -0.48 0.00	51.85 0.09 2.80	46.06 0.16 4.07	44.15 0.10 2.57	48.13 0.81 0.00	47.44 1.01 0.00	43.27 1.08 0.00	33.39 0.66 0.00	26.19 0.51 0.00
SITHE___INDEPEND 23800	43.96 -1.29 0.00	33.85 -1.05 0.00	30.53 -0.95 0.00	32.54 -1.01 0.00	34.73 -1.07 0.00	36.40 -1.19 0.00	32.04 -1.06 0.00	30.85 -1.04 0.00	35.90 -1.22 0.00	40.40 -1.28 0.00	45.14 -1.31 0.03	47.86 -1.33 0.50	51.76 -1.47 0.00	54.83 -2.09 15.33	49.53 -1.37 0.00	56.17 -1.79 0.00	52.93 -1.63 0.00	48.44 -1.53 0.00	45.17 -1.44 0.00	46.01 -1.31 0.00	45.10 -1.33 0.00	40.97 -1.22 0.00	31.75 -0.98 0.00	24.90 -0.78 0.00
SITHE___MASSENA 23902	45.52 0.27 0.00	35.07 0.17 0.00	31.45 -0.03 0.00	33.44 -0.11 0.00	35.83 0.03 0.00	37.90 0.31 0.00	33.36 0.27 0.00	32.18 0.28 0.00	37.51 0.40 0.00	42.10 0.41 0.00	46.74 0.26 0.00	49.70 0.02 0.00	53.12 -0.10 0.00	71.80 -0.46 0.00	50.47 -0.43 0.00	57.55 -0.42 0.00	54.04 -0.51 0.00	49.51 -0.46 0.00	46.31 -0.30 0.00	47.19 -0.13 0.00	46.58 0.15 0.00	42.46 0.27 0.00	33.09 0.36 0.00	25.94 0.26 0.00
SITHE___OGDNSBRG 24021	46.45 1.21 0.00	35.74 0.84 0.00	32.02 0.54 0.00	34.02 0.47 0.00	36.51 0.70 0.00	38.67 1.08 0.00	34.05 0.95 0.00	32.79 0.90 0.00	38.25 1.14 0.00	42.69 1.01 0.00	47.74 1.26 0.00	50.56 0.88 0.00	53.23 0.01 0.00	71.77 -0.49 0.00	50.44 -0.46 0.00	57.76 -0.20 0.00	54.47 -0.08 0.00	49.85 -0.12 0.00	46.65 0.04 0.00	47.87 0.55 0.00	47.50 1.08 0.00	43.43 1.24 0.00	33.86 1.13 0.00	26.47 0.79 0.00
SITHE___STERLING 23777	46.34 1.09 0.00	35.62 0.72 0.00	32.17 0.69 0.00	34.32 0.77 0.00	36.65 0.85 0.00	38.44 0.85 0.00	33.80 0.71 0.00	32.65 0.75 0.00	38.01 0.90 0.00	42.35 0.66 0.00	47.24 0.76 0.00	50.86 1.18 0.00	54.42 1.20 0.00	73.86 1.60 0.00	52.52 1.62 0.00	59.48 1.52 0.00	55.59 1.04 0.00	50.94 0.96 0.00	47.54 0.92 0.00	48.74 1.42 0.00	47.95 1.52 0.00	43.52 1.33 0.00	33.67 0.94 0.00	26.29 0.61 0.00
SLEIGHT__34_KV_TB1 80719	45.36 0.12 0.00	34.74 -0.16 0.00	31.24 -0.23 0.00	33.20 -0.36 0.00	35.48 -0.33 0.00	37.24 -0.35 0.00	32.67 -0.43 0.00	31.39 -0.50 0.00	36.57 -0.54 0.00	41.47 -0.22 0.00	46.76 0.27 0.00	50.03 0.33 -0.02	53.57 0.34 0.00	72.90 0.02 -0.62	50.99 0.09 0.00	57.18 -0.78 0.00	54.05 -0.50 0.00	49.40 -0.57 0.00	46.10 -0.51 0.00	47.31 -0.01 0.00	46.41 -0.02 0.00	42.15 -0.04 0.00	32.60 -0.13 0.00	25.51 -0.17 0.00
SMITHTWN_69_KV_BK 1 55830	28.70 1.78 18.33	36.67 1.77 0.00	33.22 1.74 0.00	35.04 1.49 0.00	37.14 1.33 0.00	38.78 1.18 0.00	34.72 1.62 0.00	33.62 1.73 0.00	39.21 2.10 0.00	43.59 2.05 0.14	49.28 2.87 0.08	50.24 2.85 2.29	37.76 2.97 18.43	50.43 4.30 26.12	51.35 3.37 2.92	62.29 4.33 0.00	59.51 4.96 0.00	58.37 4.76 -3.64	50.24 3.63 0.00	48.49 2.58 1.42	34.25 2.08 14.26	15.21 1.72 28.71	12.97 1.39 21.15	16.02 1.07 10.73
SOUTH CAIRO___GT 23612	46.94 1.69 0.00	36.47 1.57 0.00	33.07 1.60 0.00	35.35 1.80 0.00	37.48 1.68 0.00	39.21 1.62 0.00	34.70 1.61 0.00	33.43 1.54 0.00	38.61 1.50 0.00	43.09 1.41 0.00	48.34 1.86 0.00	51.05 1.37 0.00	54.69 1.47 0.00	74.94 2.69 0.00	52.86 1.96 0.00	60.94 2.98 0.00	58.02 3.47 0.00	54.14 3.42 -0.75	49.42 2.81 0.00	49.59 2.27 0.00	48.77 2.34 0.00	44.28 2.09 0.00	34.22 1.49 0.00	26.92 1.25 0.00
SOUTH HAMPTN___IC 23720	28.59 1.80 18.45	36.55 1.64 0.00	33.26 1.79 0.00	35.05 1.50 0.00	37.08 1.28 0.00	38.71 1.12 0.00	34.83 1.74 0.00	33.75 1.85 0.00	39.61 2.50 0.00	44.13 2.59 0.14	50.03 3.60 0.06	51.42 3.68 1.94	38.45 3.79 18.56	51.42 5.37 26.21	52.48 4.02 2.45	63.06 5.10 0.00	60.19 5.64 0.00	58.87 5.25 -3.64	50.58 3.96 0.00	49.61 2.96 0.67	34.58 2.50 14.36	15.44 2.16 28.90	13.27 1.84 21.30	16.31 1.44 10.80
SOUTHDOW_115KV_TB1 355954	46.20 0.95 0.00	34.85 -0.05 0.00	31.73 0.25 0.00	33.73 0.18 0.00	36.03 0.22 0.00	37.72 0.13 0.00	32.89 -0.20 0.00	31.69 -0.20 0.00	37.25 0.14 0.00	42.97 1.29 0.00	48.88 2.39 0.00	52.08 2.40 0.00	55.64 2.41 0.00	74.09 1.85 0.03	52.10 1.20 0.00	58.05 0.09 0.00	51.49 0.18 3.24	45.10 -0.16 4.72	43.47 -0.17 2.98	48.22 0.90 0.00	47.20 0.77 0.00	42.80 0.61 0.00	33.26 0.53 0.00	26.14 0.46 0.00
SOUTHOLD_69_KV_BK 2 55809	29.08 2.28 18.45	36.79 1.89 0.00	33.71 2.23 0.00	35.48 1.93 0.00	37.45 1.65 0.00	39.11 1.52 0.00	35.37 2.28 0.00	34.31 2.42 0.00	40.56 3.45 0.00	44.97 3.44 0.14	50.59 4.17 0.06	52.10 4.36 1.94	39.13 4.46 18.56	52.06 6.01 26.21	52.78 4.33 2.45	63.38 5.41 0.00	60.28 5.72 0.00	58.75 5.14 -3.64	50.23 3.61 0.00	49.01 2.36 0.67	34.28 2.20 14.36	15.85 2.56 28.90	14.00 2.57 21.30	16.95 2.08 10.80
SOUTHOLD___IC 23719	29.07 2.27 18.45	36.79 1.89 0.00	33.71 2.24 0.00	35.48 1.93 0.00	37.45 1.65 0.00	39.11 1.51 0.00	35.37 2.28 0.00	34.31 2.42 0.00	40.56 3.45 0.00	44.97 3.43 0.14	50.61 4.19 0.06	52.08 4.35 1.94	39.04 4.38 18.56	52.03 5.98 26.21	52.78 4.32 2.45	63.38 5.41 0.00	60.28 5.72 0.00	58.74 5.13 -3.64	50.23 3.61 0.00	49.01 2.36 0.67	34.17 2.10 14.36	15.81 2.52 28.90	13.98 2.54 21.30	16.94 2.06 10.80
SOUTH_FORK_WT_PWR 323839	28.80 2.00 18.45	36.52 1.62 0.00	33.65 2.18 0.00	35.39 1.84 0.00	37.30 1.50 0.00	38.92 1.33 0.00	35.33 2.24 0.00	34.29 2.39 0.00	40.68 3.56 0.00	45.42 3.88 0.14	51.42 4.99 0.06	52.95 5.20 1.94	39.83 5.16 18.56	52.84 6.79 26.21	53.22 4.76 2.45	63.74 5.78 0.00	60.41 5.85 0.00	58.66 5.05 -3.64	50.03 3.42 0.00	48.79 2.14 0.67	33.84 1.77 14.36	15.36 2.07 28.90	13.95 2.51 21.30	16.98 2.11 10.80
SPIERFLS_115KV_TB 1 80737	47.09 1.84 0.00	36.63 1.73 0.00	33.05 1.58 0.00	35.31 1.76 0.00	37.41 1.61 0.00	39.21 1.62 0.00	34.65 1.55 0.00	33.38 1.49 0.00	38.70 1.58 0.00	43.60 1.92 0.00	47.90 1.42 0.00	50.77 1.09 0.00	54.29 1.06 0.00	74.03 1.77 0.00	52.09 1.19 0.00	60.12 2.15 0.00	57.12 2.56 0.00	52.63 2.33 -0.33	49.05 2.43 0.00	49.55 2.23 0.00	48.52 2.09 0.00	43.94 1.75 0.00	33.97 1.24 0.00	26.58 0.90 0.00
ST LAWRENCE____ 23600	44.94 -0.31 0.00	34.64 -0.26 0.00	31.12 -0.35 0.00	33.08 -0.46 0.00	35.43 -0.38 0.00	37.39 -0.20 0.00	32.95 -0.15 0.00	31.76 -0.13 0.00	37.00 -0.12 0.00	41.55 -0.13 0.00	46.10 -0.38 0.00	49.05 -0.63 0.00	52.65 -0.58 0.00	71.23 -1.03 0.00	50.08 -0.82 0.00	56.99 -0.97 0.00	53.51 -1.05 0.00	49.07 -0.91 0.00	45.90 -0.72 0.00	46.66 -0.66 0.00	46.00 -0.43 0.00	41.93 -0.26 0.00	32.61 -0.12 0.00	25.59 -0.09 0.00

STATE_CA_115KV_115_LB 55624	45.67 0.42 0.00	35.48 0.58 0.00	32.24 0.76 0.00	34.47 0.91 0.00	36.51 0.70 0.00	38.14 0.55 0.00	33.78 0.69 0.00	32.60 0.70 0.00	37.77 0.65 0.00	42.33 0.65 0.00	47.15 0.66 0.00	50.32 0.64 0.00	53.93 0.71 0.00	73.65 1.39 0.00	51.80 0.90 0.00	59.45 1.48 0.00	56.18 1.63 0.00	51.85 1.52 -0.36	47.81 1.19 0.00	48.22 0.90 0.00	47.20 0.78 0.00	42.79 0.60 0.00	33.16 0.43 0.00	26.10 0.42 0.00
STATE_ST_34_KV_LOAD 55959	45.57 0.32 0.00	35.06 0.16 0.00	31.60 0.12 0.00	33.68 0.13 0.00	35.90 0.10 0.00	37.58 -0.01 0.00	33.19 0.10 0.00	31.82 -0.07 0.00	36.89 -0.22 0.00	41.52 -0.16 0.00	46.58 0.09 0.00	49.95 0.23 -0.04	53.45 0.22 0.00	74.15 0.53 -1.36	51.60 0.69 0.00	57.89 -0.08 0.00	54.74 0.19 0.00	49.80 -0.18 0.00	46.54 -0.07 0.00	47.84 0.52 0.00	46.96 0.53 0.00	42.59 0.40 0.00	32.96 0.23 0.00	25.78 0.11 0.00
STATION_5_MISC_HYD 23604	45.73 0.49 0.00	34.97 0.07 0.00	31.39 -0.08 0.00	33.34 -0.22 0.00	35.65 -0.16 0.00	37.43 -0.16 0.00	32.70 -0.40 0.00	31.48 -0.42 0.00	36.84 -0.28 0.00	41.94 0.26 0.00	47.44 0.96 0.00	50.70 1.02 0.00	54.28 1.06 0.00	72.92 0.66 0.00	51.15 0.24 0.00	57.47 -0.50 0.00	54.36 -0.20 0.00	49.79 -0.19 0.00	46.33 -0.28 0.00	47.46 0.14 0.00	46.57 0.14 0.00	42.34 0.15 0.00	32.76 0.03 0.00	25.66 -0.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.50 0.25 0.00	34.83 -0.07 0.00	31.31 -0.17 0.00	33.27 -0.28 0.00	35.60 -0.21 0.00	37.35 -0.24 0.00	32.74 -0.36 0.00	31.50 -0.40 0.00	36.76 -0.35 0.00	41.69 0.01 0.00	47.06 0.58 0.00	50.31 0.61 -0.02	53.82 0.60 0.00	73.19 0.35 -0.58	51.08 0.18 0.00	57.29 -0.67 0.00	54.20 -0.36 0.00	49.54 -0.44 0.00	46.24 -0.38 0.00	47.47 0.15 0.00	46.54 0.11 0.00	42.27 0.08 0.00	32.69 -0.04 0.00	25.59 -0.09 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.46 0.21 0.00	34.77 -0.13 0.00	31.22 -0.26 0.00	33.15 -0.41 0.00	35.44 -0.36 0.00	37.21 -0.38 0.00	32.53 -0.57 0.00	31.32 -0.57 0.00	36.66 -0.46 0.00	41.70 0.02 0.00	47.17 0.69 0.00	50.41 0.73 0.00	53.98 0.75 0.00	72.55 0.29 0.00	50.93 0.03 0.00	57.24 -0.72 0.00	54.13 -0.42 0.00	49.55 -0.42 0.00	46.12 -0.49 0.00	47.25 -0.07 0.00	46.33 -0.10 0.00	42.12 -0.07 0.00	32.58 -0.15 0.00	25.51 -0.17 0.00
STA_56___34_KV_BUS2 355983	45.46 0.21 0.00	34.77 -0.13 0.00	31.22 -0.26 0.00	33.15 -0.41 0.00	35.44 -0.36 0.00	37.21 -0.38 0.00	32.53 -0.57 0.00	31.32 -0.57 0.00	36.66 -0.46 0.00	41.70 0.02 0.00	47.17 0.69 0.00	50.41 0.73 0.00	53.98 0.75 0.00	72.55 0.29 0.00	50.93 0.03 0.00	57.24 -0.72 0.00	54.13 -0.42 0.00	49.55 -0.42 0.00	46.12 -0.49 0.00	47.25 -0.07 0.00	46.33 -0.10 0.00	42.12 -0.07 0.00	32.58 -0.15 0.00	25.51 -0.17 0.00
STA_67___115KV_BK2 355882	45.60 0.35 0.00	34.88 -0.03 0.00	31.32 -0.16 0.00	33.25 -0.30 0.00	35.55 -0.25 0.00	37.33 -0.26 0.00	32.61 -0.49 0.00	31.39 -0.51 0.00	36.74 -0.38 0.00	41.80 0.12 0.00	47.30 0.81 0.00	50.54 0.86 0.00	54.09 0.87 0.00	72.66 0.40 0.00	50.97 0.07 0.00	57.26 -0.70 0.00	54.15 -0.41 0.00	49.58 -0.39 0.00	46.14 -0.48 0.00	47.29 -0.03 0.00	46.40 -0.03 0.00	42.22 0.03 0.00	32.66 -0.07 0.00	25.59 -0.09 0.00
STA_7___115KV_9TRANS 80674	46.06 0.81 0.00	35.20 0.30 0.00	31.58 0.11 0.00	33.53 -0.02 0.00	35.85 0.05 0.00	37.64 0.05 0.00	32.88 -0.21 0.00	31.65 -0.24 0.00	37.08 -0.04 0.00	42.21 0.53 0.00	47.78 1.30 0.00	51.10 1.42 0.00	54.68 1.46 0.00	73.46 1.20 0.00	51.54 0.64 0.00	57.95 -0.02 0.00	54.83 0.27 0.00	50.20 0.22 0.00	46.72 0.10 0.00	47.88 0.56 0.00	46.93 0.50 0.00	42.65 0.46 0.00	32.97 0.24 0.00	25.82 0.14 0.00
STA_82___115KV_TB1 80780	45.61 0.36 0.00	34.88 -0.02 0.00	31.32 -0.15 0.00	33.25 -0.30 0.00	35.56 -0.24 0.00	37.34 -0.25 0.00	32.62 -0.47 0.00	31.39 -0.50 0.00	36.74 -0.38 0.00	41.81 0.13 0.00	47.30 0.82 0.00	50.54 0.86 0.00	54.11 0.88 0.00	72.66 0.40 0.00	50.97 0.07 0.00	57.27 -0.70 0.00	54.16 -0.40 0.00	49.58 -0.39 0.00	46.14 -0.47 0.00	47.31 -0.01 0.00	46.42 -0.01 0.00	42.23 0.04 0.00	32.67 -0.06 0.00	25.60 -0.08 0.00
STEEL___WIND 323596	45.21 -0.04 0.00	34.34 -0.56 0.00	30.78 -0.69 0.00	32.72 -0.83 0.00	35.08 -0.72 0.00	36.87 -0.72 0.00	32.01 -1.09 0.00	30.74 -1.16 0.00	36.06 -1.06 0.00	41.41 -0.27 0.00	47.18 0.70 0.00	50.26 0.57 0.00	53.80 0.58 0.00	71.49 -0.72 0.05	50.07 -0.83 0.00	55.78 -2.18 0.00	45.64 -1.66 7.25	37.80 -1.61 10.57	38.34 -1.60 6.68	46.40 -0.92 0.00	45.63 -0.80 0.00	41.62 -0.57 0.00	32.26 -0.47 0.00	25.32 -0.36 0.00
STEPHTWN_115KV_BK_2 55603	45.78 0.53 0.00	35.52 0.62 0.00	32.29 0.81 0.00	34.53 0.97 0.00	36.55 0.75 0.00	38.24 0.65 0.00	33.85 0.75 0.00	32.68 0.79 0.00	37.88 0.77 0.00	42.49 0.81 0.00	47.40 0.91 0.00	50.56 0.88 0.00	54.13 0.91 0.00	74.05 1.80 0.00	52.02 1.12 0.00	59.86 1.90 0.00	56.48 1.93 0.00	52.21 1.87 -0.36	48.11 1.49 0.00	48.57 1.25 0.00	47.41 0.98 0.00	42.94 0.75 0.00	33.33 0.60 0.00	26.22 0.54 0.00
STEUBEN_REC_LFGE 323667	45.38 0.14 0.00	34.56 -0.33 0.00	30.82 -0.65 0.00	32.49 -1.07 0.00	35.58 -0.23 0.00	37.65 0.06 0.00	32.64 -0.46 0.00	31.31 -0.59 0.00	36.57 -0.55 0.00	41.59 -0.09 0.00	47.41 0.92 0.00	50.70 1.02 0.00	54.13 0.91 0.00	71.34 -1.03 -0.12	48.88 -2.03 0.00	54.77 -3.19 0.00	70.07 -2.80 -18.32	74.45 -2.45 -26.93	61.73 -1.94 -17.06	46.61 -0.71 0.00	46.39 -0.03 0.00	42.42 0.23 0.00	32.92 0.19 0.00	25.77 0.09 0.00
STILLWATER___SOLAR 323814	47.09 1.84 0.00	36.53 1.63 0.00	33.03 1.55 0.00	35.28 1.73 0.00	37.42 1.62 0.00	39.21 1.62 0.00	34.61 1.52 0.00	33.34 1.45 0.00	38.72 1.62 0.00	43.51 1.83 0.00	48.11 1.63 0.00	51.17 1.49 0.00	54.68 1.46 0.00	74.61 2.35 0.00	52.44 1.53 0.00	60.39 2.42 0.00	57.30 2.74 0.00	52.87 2.56 -0.34	48.96 2.34 0.00	49.55 2.23 0.00	48.55 2.12 0.00	43.97 1.78 0.00	34.04 1.31 0.00	26.69 1.01 0.00
STONY___BROOK 24151	28.56 1.67 18.36	36.59 1.69 0.00	33.15 1.67 0.00	34.96 1.41 0.00	37.05 1.25 0.00	38.69 1.10 0.00	34.65 1.55 0.00	33.56 1.67 0.00	39.12 2.01 0.00	43.45 1.92 0.14	49.20 2.79 0.07	50.27 2.70 2.11	37.33 2.57 18.47	49.98 3.85 26.13	51.28 3.05 2.67	61.96 3.99 0.00	59.21 4.65 0.00	58.08 4.47 -3.64	49.99 3.37 0.00	48.65 2.36 1.03	33.98 1.84 14.29	14.99 1.57 28.76	12.83 1.30 21.19	15.94 1.01 10.75
STURGEON_POOL_HYD 23609	47.43 2.18 0.00	36.60 1.70 0.00	33.04 1.57 0.00	35.18 1.63 0.00	37.34 1.53 0.00	39.01 1.41 0.00	34.59 1.50 0.00	33.52 1.63 0.00	39.01 1.90 0.00	43.74 2.06 0.00	49.06 2.58 0.00	52.54 2.86 0.00	56.23 3.01 0.00	76.73 4.47 0.00	54.13 3.23 0.00	61.97 4.01 0.00	58.71 4.15 0.00	55.24 3.69 -1.58	49.59 2.98 0.00	49.74 2.42 0.00	48.54 2.11 0.00	44.03 1.84 0.00	34.16 1.43 0.00	26.81 1.13 0.00

ST_LAW_115_BK7_LBMP 345037	44.95 -0.29 0.00	34.65 -0.25 0.00	31.12 -0.36 0.00	33.08 -0.47 0.00	35.43 -0.37 0.00	37.41 -0.18 0.00	32.95 -0.15 0.00	31.78 -0.11 0.00	37.01 -0.10 0.00	41.56 -0.12 0.00	46.11 -0.37 0.00	49.05 -0.63 0.00	52.61 -0.61 0.00	71.17 -1.09 0.00	50.03 -0.87 0.00	56.97 -1.00 0.00	53.48 -1.08 0.00	49.02 -0.96 0.00	45.85 -0.76 0.00	46.65 -0.67 0.00	46.00 -0.43 0.00	41.94 -0.25 0.00	32.63 -0.10 0.00	25.60 -0.08 0.00
ST_LAW_115_BK8_LBMP 345038	44.95 -0.29 0.00	34.65 -0.25 0.00	31.12 -0.36 0.00	33.08 -0.47 0.00	35.43 -0.37 0.00	37.41 -0.18 0.00	32.95 -0.15 0.00	31.78 -0.11 0.00	37.01 -0.10 0.00	41.56 -0.12 0.00	46.11 -0.37 0.00	49.05 -0.63 0.00	52.61 -0.61 0.00	71.17 -1.09 0.00	50.03 -0.87 0.00	56.97 -1.00 0.00	53.48 -1.08 0.00	49.02 -0.96 0.00	45.85 -0.76 0.00	46.65 -0.67 0.00	46.00 -0.43 0.00	41.94 -0.25 0.00	32.63 -0.10 0.00	25.60 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	44.94 -0.31 0.00	34.64 -0.26 0.00	31.12 -0.35 0.00	33.08 -0.46 0.00	35.43 -0.38 0.00	37.39 -0.20 0.00	32.95 -0.15 0.00	31.76 -0.13 0.00	37.00 -0.12 0.00	41.55 -0.13 0.00	46.10 -0.38 0.00	49.05 -0.63 0.00	52.65 -0.58 0.00	71.23 -1.03 0.00	50.08 -0.82 0.00	56.99 -0.97 0.00	53.51 -1.05 0.00	49.07 -0.91 0.00	45.90 -0.72 0.00	46.66 -0.66 0.00	46.00 -0.43 0.00	41.93 -0.26 0.00	32.61 -0.12 0.00	25.59 -0.09 0.00
ST_LAW_230_BK6_LBMP 345036	44.94 -0.31 0.00	34.64 -0.26 0.00	31.12 -0.35 0.00	33.08 -0.46 0.00	35.43 -0.38 0.00	37.39 -0.20 0.00	32.95 -0.15 0.00	31.76 -0.13 0.00	37.00 -0.12 0.00	41.55 -0.13 0.00	46.10 -0.38 0.00	49.05 -0.63 0.00	52.65 -0.58 0.00	71.23 -1.03 0.00	50.08 -0.82 0.00	56.99 -0.97 0.00	53.51 -1.05 0.00	49.07 -0.91 0.00	45.90 -0.72 0.00	46.66 -0.66 0.00	46.00 -0.43 0.00	41.93 -0.26 0.00	32.61 -0.12 0.00	25.59 -0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.14 1.90 0.00	36.41 1.51 0.00	32.89 1.41 0.00	34.97 1.42 0.00	37.15 1.35 0.00	38.84 1.24 0.00	34.42 1.32 0.00	33.32 1.43 0.00	38.80 1.69 0.00	43.55 1.87 0.00	48.85 2.36 0.00	52.30 2.62 0.00	55.92 2.70 0.00	76.29 4.03 0.00	53.82 2.91 0.00	61.59 3.62 0.00	58.44 3.89 0.00	59.60 3.51 -6.12	49.45 2.84 0.00	49.68 2.36 0.00	48.46 2.03 0.00	43.92 1.72 0.00	34.08 1.35 0.00	26.74 1.06 0.00
SWANROAD_115KV_TB1 355699	44.30 -0.95 0.00	33.77 -1.12 0.00	30.27 -1.20 0.00	32.04 -1.51 0.00	34.32 -1.48 0.00	36.12 -1.47 0.00	31.26 -1.84 0.00	29.95 -1.94 0.00	35.17 -1.94 0.00	40.30 -1.38 0.00	46.00 -0.48 0.00	48.95 -0.73 0.00	52.36 -0.86 0.00	69.50 -2.72 0.04	48.63 -2.28 0.00	54.07 -3.89 0.00	45.83 -2.89 5.84	38.97 -2.49 8.51	38.58 -2.66 5.37	44.99 -2.34 0.00	44.31 -2.12 0.00	40.62 -1.57 0.00	31.43 -1.30 0.00	24.83 -0.85 0.00
SYNERGY___BIOGAS 323694	46.49 1.24 0.00	35.42 0.52 0.00	31.73 0.25 0.00	33.61 0.06 0.00	35.98 0.18 0.00	37.84 0.25 0.00	32.92 -0.17 0.00	31.59 -0.30 0.00	37.06 -0.05 0.00	42.33 0.64 0.00	47.96 1.48 0.00	51.15 1.48 0.00	54.89 1.67 0.00	73.68 1.44 0.02	51.46 0.56 0.00	57.48 -0.48 0.00	51.83 0.07 2.80	46.03 0.13 4.07	44.11 0.06 2.57	48.12 0.80 0.00	47.44 1.01 0.00	43.27 1.08 0.00	33.39 0.66 0.00	26.18 0.50 0.00
SYRACUSE___ENERGY_ST1 323597	45.12 -0.13 0.00	34.68 -0.22 0.00	31.26 -0.21 0.00	33.33 -0.22 0.00	35.59 -0.21 0.00	37.30 -0.30 0.00	32.86 -0.23 0.00	31.61 -0.28 0.00	36.73 -0.39 0.00	41.34 -0.34 0.00	46.33 -0.15 0.00	49.68 -0.05 -0.06	53.15 -0.07 0.00	73.90 -0.11 -1.75	51.04 0.13 0.00	57.68 -0.29 0.00	54.39 -0.16 0.00	49.70 -0.27 0.00	46.39 -0.22 0.00	47.36 0.04 0.00	46.39 -0.04 0.00	42.09 -0.10 0.00	32.58 -0.15 0.00	25.52 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	45.12 -0.13 0.00	34.68 -0.22 0.00	31.26 -0.21 0.00	33.33 -0.22 0.00	35.59 -0.21 0.00	37.30 -0.30 0.00	32.86 -0.23 0.00	31.61 -0.28 0.00	36.73 -0.39 0.00	41.34 -0.34 0.00	46.33 -0.15 0.00	49.68 -0.05 -0.06	53.15 -0.07 0.00	73.90 -0.11 -1.75	51.04 0.13 0.00	57.68 -0.29 0.00	54.39 -0.16 0.00	49.70 -0.27 0.00	46.39 -0.22 0.00	47.36 0.04 0.00	46.39 -0.04 0.00	42.09 -0.10 0.00	32.58 -0.15 0.00	25.52 -0.16 0.00
SYRACUSE___POWER 24017	45.18 -0.07 0.00	34.72 -0.18 0.00	31.31 -0.17 0.00	33.37 -0.18 0.00	35.64 -0.16 0.00	37.33 -0.26 0.00	32.89 -0.20 0.00	31.66 -0.24 0.00	36.77 -0.34 0.00	41.37 -0.31 0.00	46.36 -0.13 0.00	49.70 0.00 -0.02	53.22 -0.01 0.00	72.79 -0.02 -0.55	51.12 0.22 0.00	57.79 -0.18 0.00	54.43 -0.13 0.00	49.75 -0.22 0.00	46.44 -0.18 0.00	47.36 0.04 0.00	46.40 -0.03 0.00	42.09 -0.10 0.00	32.57 -0.16 0.00	25.51 -0.17 0.00
TALLMAN___138KV_BK151 55660	47.40 2.15 0.00	36.59 1.69 0.00	33.04 1.56 0.00	35.10 1.54 0.00	37.29 1.49 0.00	38.98 1.39 0.00	34.58 1.48 0.00	33.52 1.63 0.00	39.06 1.94 0.00	43.87 2.19 0.00	49.25 2.77 0.00	52.74 3.06 0.00	56.36 3.14 0.00	76.91 4.65 0.00	54.26 3.36 0.00	62.05 4.09 0.00	58.97 4.41 0.00	58.90 4.02 -4.91	49.91 3.30 0.00	50.06 2.74 0.00	48.78 2.35 0.00	44.17 1.98 0.00	34.27 1.54 0.00	26.88 1.20 0.00
TEALLAVE_115KV_TB7 355573	44.97 -0.27 0.00	34.58 -0.32 0.00	31.17 -0.31 0.00	33.23 -0.32 0.00	35.47 -0.33 0.00	37.17 -0.42 0.00	32.73 -0.37 0.00	31.51 -0.38 0.00	36.61 -0.50 0.00	41.22 -0.46 0.00	46.20 -0.28 0.00	49.52 -0.18 -0.02	53.01 -0.21 0.00	72.43 -0.35 -0.52	50.83 -0.07 0.00	57.49 -0.48 0.00	54.16 -0.39 0.00	49.54 -0.43 0.00	46.21 -0.40 0.00	47.09 -0.23 0.00	46.15 -0.28 0.00	41.86 -0.33 0.00	32.41 -0.32 0.00	25.39 -0.29 0.00
TELGRAPH_34_KV_EAST 80808	45.37 0.13 0.00	34.58 -0.32 0.00	30.99 -0.48 0.00	32.83 -0.72 0.00	35.15 -0.65 0.00	36.98 -0.61 0.00	32.08 -1.01 0.00	30.78 -1.12 0.00	36.14 -0.98 0.00	41.34 -0.34 0.00	47.02 0.53 0.00	50.12 0.44 0.00	53.66 0.43 0.00	71.48 -0.75 0.04	49.94 -0.96 0.00	55.69 -2.27 0.00	48.20 -1.53 4.82	41.60 -1.35 7.02	40.72 -1.46 4.43	46.39 -0.93 0.00	45.70 -0.73 0.00	41.78 -0.41 0.00	32.30 -0.43 0.00	25.44 -0.24 0.00
TEMPLE___115KV_TB 2 55572	44.98 -0.26 0.00	34.58 -0.32 0.00	31.18 -0.30 0.00	33.23 -0.32 0.00	35.49 -0.32 0.00	37.18 -0.41 0.00	32.74 -0.36 0.00	31.51 -0.38 0.00	36.63 -0.49 0.00	41.24 -0.44 0.00	46.22 -0.27 0.00	49.54 -0.15 -0.01	53.04 -0.19 0.00	72.37 -0.31 -0.42	50.86 -0.05 0.00	57.52 -0.45 0.00	54.21 -0.35 0.00	49.56 -0.41 0.00	46.24 -0.37 0.00	47.12 -0.20 0.00	46.16 -0.27 0.00	41.87 -0.32 0.00	32.42 -0.31 0.00	25.39 -0.29 0.00
TIANA___69_KV_BK 1 55817	28.52 1.72 18.45	36.50 1.61 0.00	33.16 1.69 0.00	34.96 1.41 0.00	37.01 1.21 0.00	38.65 1.06 0.00	34.73 1.63 0.00	33.63 1.74 0.00	39.40 2.29 0.00	43.88 2.34 0.14	49.71 3.28 0.06	51.10 3.36 1.94	38.23 3.56 18.56	51.08 5.03 26.21	52.26 3.80 2.45	62.82 4.85 0.00	60.01 5.45 0.00	58.77 5.15 -3.64	50.53 3.92 0.00	49.60 2.95 0.67	34.64 2.57 14.36	15.40 2.11 28.90	13.16 1.72 21.30	16.20 1.33 10.80

TILDEN___115KV_TB1 80814	45.18 -0.07 0.00	34.72 -0.18 0.00	31.31 -0.17 0.00	33.37 -0.18 0.00	35.64 -0.16 0.00	37.33 -0.26 0.00	32.89 -0.20 0.00	31.66 -0.24 0.00	36.77 -0.34 0.00	41.37 -0.31 0.00	46.36 -0.13 0.00	49.70 0.00 -0.02	53.22 -0.01 0.00	72.79 -0.02 -0.55	51.12 0.22 0.00	57.79 -0.18 0.00	54.43 -0.13 0.00	49.75 -0.22 0.00	46.44 -0.18 0.00	47.36 0.04 0.00	46.40 -0.03 0.00	42.09 -0.10 0.00	32.57 -0.16 0.00	25.51 -0.17 0.00
TRIGEN___CC 323695	44.44 2.09 2.90	36.78 1.88 0.00	33.24 1.76 0.00	35.19 1.64 0.00	37.34 1.54 0.00	39.03 1.44 0.00	34.79 1.70 0.00	33.72 1.83 0.00	39.28 2.17 0.00	43.78 2.25 0.14	49.44 2.99 0.04	52.41 3.09 0.35	53.74 3.22 2.70	73.13 4.55 3.68	54.14 3.42 0.18	62.23 4.26 0.00	59.25 4.70 0.00	58.02 4.40 -3.64	50.03 3.42 0.00	49.86 2.54 0.00	46.43 2.15 2.15	39.48 1.82 4.52	30.83 1.44 3.34	25.21 1.15 1.62
TRINITY___115KV___4 BK 55933	45.42 0.17 0.00	35.31 0.41 0.00	32.10 0.62 0.00	34.32 0.76 0.00	36.34 0.54 0.00	37.97 0.38 0.00	33.62 0.53 0.00	32.44 0.54 0.00	37.56 0.45 0.00	42.06 0.38 0.00	46.87 0.38 0.00	50.03 0.35 0.00	53.62 0.39 0.00	73.20 0.94 0.00	51.47 0.57 0.00	59.03 1.07 0.00	55.78 1.22 0.00	51.52 1.18 -0.36	47.53 0.91 0.00	47.91 0.59 0.00	46.91 0.48 0.00	42.55 0.36 0.00	32.99 0.25 0.00	25.97 0.30 0.00
UNION___PROCESSING_DRP 323587	45.63 0.38 0.00	34.89 -0.01 0.00	31.33 -0.15 0.00	33.26 -0.29 0.00	35.57 -0.23 0.00	37.36 -0.24 0.00	32.62 -0.47 0.00	31.40 -0.50 0.00	36.74 -0.37 0.00	41.81 0.13 0.00	47.31 0.83 0.00	50.56 0.88 0.00	54.12 0.89 0.00	72.68 0.42 0.00	50.98 0.08 0.00	57.27 -0.69 0.00	54.18 -0.37 0.00	49.59 -0.39 0.00	46.16 -0.46 0.00	47.31 -0.01 0.00	46.43 0.00 0.00	42.25 0.06 0.00	32.68 -0.05 0.00	25.60 -0.07 0.00
UPPER HUDSON___HYD 24058	47.09 1.84 0.00	36.63 1.73 0.00	33.05 1.58 0.00	35.31 1.76 0.00	37.42 1.61 0.00	39.21 1.62 0.00	34.65 1.55 0.00	33.38 1.49 0.00	38.70 1.58 0.00	43.60 1.92 0.00	47.90 1.42 0.00	50.77 1.09 0.00	54.28 1.06 0.00	74.03 1.77 0.00	52.09 1.18 0.00	60.12 2.15 0.00	57.12 2.56 0.00	52.63 2.33 -0.33	49.05 2.43 0.00	49.55 2.23 0.00	48.52 2.09 0.00	43.94 1.75 0.00	33.97 1.24 0.00	26.58 0.90 0.00
UPPER RAQUET___HYD 24056	45.61 0.36 0.00	35.11 0.21 0.00	31.48 0.00 0.00	33.51 -0.04 0.00	35.98 0.17 0.00	38.13 0.54 0.00	33.47 0.38 0.00	32.30 0.41 0.00	37.75 0.64 0.00	42.16 0.48 0.00	46.86 0.37 0.00	49.95 0.26 0.00	53.18 -0.04 0.00	71.73 -0.53 0.00	50.34 -0.56 0.00	57.31 -0.65 0.00	53.64 -0.91 0.00	49.05 -0.93 0.00	45.89 -0.73 0.00	47.06 -0.26 0.00	46.66 0.23 0.00	42.76 0.57 0.00	33.42 0.69 0.00	26.11 0.43 0.00
VALLEY44_115KV_TB2 355964	45.06 -0.19 0.00	34.31 -0.59 0.00	30.85 -0.63 0.00	32.75 -0.80 0.00	35.18 -0.62 0.00	36.87 -0.72 0.00	32.24 -0.85 0.00	31.02 -0.88 0.00	36.32 -0.79 0.00	41.61 -0.07 0.00	47.09 0.61 0.00	49.96 0.28 0.00	53.56 0.33 0.00	71.43 -0.81 0.02	49.93 -0.97 0.00	55.84 -2.12 0.00	50.41 -1.56 2.58	44.48 -1.73 3.76	42.64 -1.61 2.37	46.49 -0.83 0.00	45.58 -0.85 0.00	41.57 -0.62 0.00	32.24 -0.49 0.00	25.33 -0.35 0.00
VALLEY___115KV_TB 1-4 80826	45.87 0.62 0.00	35.46 0.57 0.00	32.13 0.65 0.00	34.32 0.77 0.00	36.47 0.67 0.00	38.11 0.52 0.00	33.58 0.49 0.00	32.22 0.32 0.00	37.58 0.47 0.00	42.22 0.54 0.00	46.35 -0.14 0.00	49.39 -0.29 0.00	52.94 -0.28 0.00	72.22 -0.04 0.00	50.82 -0.09 0.00	58.98 1.01 0.00	55.58 1.03 0.00	50.63 0.65 0.00	46.90 0.28 0.00	47.81 0.49 0.00	47.00 0.57 0.00	42.77 0.58 0.00	33.10 0.37 0.00	25.97 0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	47.07 1.83 0.00	36.24 1.34 0.00	32.73 1.25 0.00	34.99 1.43 0.00	37.29 1.49 0.00	39.02 1.43 0.00	34.38 1.28 0.00	33.15 1.26 0.00	38.55 1.44 0.00	43.46 1.77 0.00	48.69 2.20 0.00	52.05 2.37 0.00	55.73 2.51 0.00	75.77 3.52 0.00	53.58 2.68 0.00	60.85 2.89 0.00	57.14 2.59 0.00	52.25 2.16 -0.11	48.51 1.89 0.00	49.30 1.98 0.00	48.26 1.83 0.00	43.80 1.61 0.00	33.88 1.15 0.00	26.55 0.87 0.00
VISCHER___FERRY HYD 24020	46.41 1.17 0.00	36.08 1.18 0.00	32.68 1.20 0.00	34.92 1.37 0.00	37.00 1.20 0.00	38.74 1.15 0.00	34.23 1.13 0.00	33.01 1.12 0.00	38.25 1.14 0.00	42.84 1.15 0.00	47.62 1.13 0.00	50.80 1.12 0.00	54.40 1.17 0.00	74.25 1.99 0.00	52.12 1.21 0.00	59.87 1.91 0.00	56.62 2.06 0.00	52.47 2.01 -0.49	48.40 1.79 0.00	48.84 1.52 0.00	47.83 1.41 0.00	43.36 1.17 0.00	33.60 0.87 0.00	26.38 0.70 0.00
V_A_10_SYNC_DSASP 323832	44.93 -0.32 0.00	34.31 -0.59 0.00	30.80 -0.67 0.00	32.67 -0.88 0.00	34.98 -0.82 0.00	36.75 -0.84 0.00	31.95 -1.14 0.00	30.70 -1.19 0.00	35.99 -1.13 0.00	41.14 -0.54 0.00	46.76 0.27 0.00	49.79 0.12 0.00	53.33 0.11 0.00	71.15 -1.09 0.03	49.83 -1.07 0.00	55.72 -2.24 0.00	49.09 -1.80 3.66	42.93 -1.71 5.33	41.51 -1.74 3.37	46.09 -1.23 0.00	45.33 -1.10 0.00	41.38 -0.81 0.00	32.07 -0.66 0.00	25.19 -0.49 0.00
V_CMM_10_SYNC_DSASP 323787	45.21 -0.04 0.00	34.83 -0.07 0.00	31.29 -0.19 0.00	33.25 -0.30 0.00	35.63 -0.18 0.00	37.62 0.03 0.00	33.12 0.03 0.00	31.94 0.05 0.00	37.22 0.10 0.00	41.80 0.12 0.00	46.38 -0.10 0.00	49.33 -0.35 0.00	52.91 -0.32 0.00	71.55 -0.71 0.00	50.29 -0.62 0.00	57.28 -0.69 0.00	53.77 -0.78 0.00	49.31 -0.67 0.00	46.11 -0.51 0.00	46.91 -0.41 0.00	46.26 -0.17 0.00	42.19 0.00 0.00	32.81 0.08 0.00	25.74 0.06 0.00
V_CMP_10_SYNC_DSASP 323788	44.42 -0.83 0.00	34.45 -0.45 0.00	31.02 -0.46 0.00	33.06 -0.49 0.00	35.33 -0.47 0.00	37.35 -0.25 0.00	33.11 0.01 0.00	31.97 0.07 0.00	37.02 -0.10 0.00	41.42 -0.26 0.00	45.72 -0.76 0.00	47.91 -1.77 0.00	52.27 -0.95 0.00	71.25 -1.01 0.00	49.19 -1.72 0.00	55.80 -2.16 0.00	52.83 -1.73 0.00	48.25 -1.73 0.00	45.24 -1.37 0.00	45.92 -1.40 0.00	45.30 -1.13 0.00	41.28 -0.91 0.00	32.26 -0.47 0.00	25.65 -0.03 0.00
V_D_10_SYNC_DSASP 323841	45.52 0.27 0.00	35.06 0.16 0.00	31.45 -0.03 0.00	33.43 -0.12 0.00	35.83 0.03 0.00	37.89 0.30 0.00	33.35 0.26 0.00	32.18 0.28 0.00	37.50 0.39 0.00	42.09 0.41 0.00	46.73 0.24 0.00	49.70 0.02 0.00	53.13 -0.10 0.00	71.80 -0.46 0.00	50.47 -0.43 0.00	57.54 -0.42 0.00	54.04 -0.51 0.00	49.51 -0.46 0.00	46.31 -0.30 0.00	47.18 -0.14 0.00	46.56 0.13 0.00	42.46 0.27 0.00	33.09 0.36 0.00	25.93 0.26 0.00
V_E_10_SYNC_DSASP 323830	48.40 3.16 0.00	37.14 2.24 0.00	33.42 1.95 0.00	35.60 2.04 0.00	38.07 2.26 0.00	39.94 2.35 0.00	35.07 1.97 0.00	33.96 2.07 0.00	39.51 2.39 0.00	44.49 2.81 0.00	49.54 3.06 0.00	52.85 3.17 0.00	56.75 3.53 0.00	77.22 4.96 -0.01	55.35 4.44 0.00	62.47 4.51 0.00	58.55 4.00 0.00	53.12 3.07 -0.08	49.55 2.93 0.00	50.66 3.34 0.00	49.79 3.36 0.00	44.76 2.57 0.00	34.53 1.80 0.00	27.20 1.52 0.00

V_F_30_NSYNC___DSASP 323816	47.16 1.91 0.00	36.57 1.67 0.00	33.06 1.58 0.00	35.31 1.75 0.00	37.47 1.66 0.00	39.25 1.66 0.00	34.65 1.55 0.00	33.39 1.49 0.00	38.79 1.68 0.00	43.59 1.91 0.00	48.21 1.73 0.00	51.29 1.61 0.00	54.85 1.62 0.00	74.81 2.56 0.00	52.59 1.69 0.00	60.55 2.59 0.00	57.42 2.87 0.00	52.95 2.64 -0.34	49.03 2.41 0.00	49.64 2.32 0.00	48.64 2.21 0.00	44.04 1.85 0.00	34.10 1.37 0.00	26.73 1.05 0.00
V_F_30_SYNC_DSASP 323786	45.67 0.42 0.00	35.48 0.58 0.00	32.23 0.75 0.00	34.47 0.91 0.00	36.50 0.70 0.00	38.14 0.55 0.00	33.78 0.69 0.00	32.60 0.70 0.00	37.76 0.65 0.00	42.32 0.64 0.00	47.13 0.65 0.00	50.32 0.64 0.00	53.93 0.70 0.00	73.64 1.38 0.00	51.79 0.89 0.00	59.44 1.47 0.00	56.17 1.62 0.00	51.84 1.51 -0.36	47.80 1.19 0.00	48.22 0.90 0.00	47.20 0.77 0.00	42.79 0.60 0.00	33.16 0.43 0.00	26.09 0.41 0.00
V_XM_10_SYNC_DSASP 323789	44.42 -0.83 0.00	34.45 -0.45 0.00	31.02 -0.46 0.00	33.06 -0.49 0.00	35.33 -0.47 0.00	37.35 -0.25 0.00	33.11 0.01 0.00	31.97 0.07 0.00	37.02 -0.10 0.00	41.42 -0.26 0.00	45.72 -0.76 0.00	47.91 -1.77 0.00	52.27 -0.95 0.00	71.25 -1.01 0.00	49.19 -1.72 0.00	55.80 -2.16 0.00	52.83 -1.73 0.00	48.25 -1.73 0.00	45.24 -1.37 0.00	45.92 -1.40 0.00	45.30 -1.13 0.00	41.28 -0.91 0.00	32.26 -0.47 0.00	25.65 -0.03 0.00
W.BABYLN_69_KV_BK1 56697	31.51 2.40 16.14	37.08 2.18 0.00	33.55 2.07 0.00	35.42 1.87 0.00	37.55 1.75 0.00	39.24 1.65 0.00	35.07 1.98 0.00	33.99 2.09 0.00	39.65 2.54 0.00	44.04 2.51 0.14	49.72 3.29 0.05	51.41 3.34 1.61	40.71 3.64 16.15	54.67 5.18 22.77	52.82 3.88 1.97	62.82 4.86 0.00	60.02 5.46 0.00	58.79 5.18 -3.64	50.78 4.17 0.00	50.02 3.09 0.38	36.49 2.59 12.52	19.07 2.15 25.27	15.78 1.67 18.62	17.55 1.30 9.42
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	47.53 2.28 0.00	36.71 1.80 0.00	33.15 1.67 0.00	35.22 1.66 0.00	37.42 1.61 0.00	39.10 1.51 0.00	34.69 1.60 0.00	33.64 1.75 0.00	39.20 2.09 0.00	44.02 2.33 0.00	49.40 2.92 0.00	52.91 3.23 0.00	56.56 3.33 0.00	77.19 4.93 0.00	54.46 3.56 0.00	62.29 4.33 0.00	59.59 5.04 0.00	59.08 4.59 -4.52	50.40 3.78 0.00	50.53 3.21 0.00	49.12 2.69 0.00	44.46 2.27 0.00	34.48 1.74 0.00	27.04 1.36 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	47.91 2.66 0.00	37.02 2.13 0.00	33.44 1.97 0.00	35.48 1.93 0.00	37.64 1.84 0.00	39.37 1.78 0.00	35.03 1.93 0.00	34.03 2.14 0.00	39.66 2.55 0.00	46.15 2.87 -1.59	50.36 3.50 -0.37	53.67 3.76 -0.22	57.07 3.84 0.00	77.77 5.51 0.00	54.89 3.99 0.00	62.79 4.82 0.00	59.70 5.14 0.00	58.25 4.63 -3.65	50.45 3.83 0.00	50.45 3.13 0.00	49.11 2.68 0.00	44.52 2.33 0.00	34.61 1.87 0.00	27.20 1.52 0.00
W50THST__13_KV_LOAD 356117	48.23 2.98 0.00	37.27 2.37 0.00	33.66 2.19 0.00	35.70 2.15 0.00	37.89 2.08 0.00	39.63 2.04 0.00	35.31 2.21 0.00	34.33 2.43 0.00	40.01 2.90 0.00	46.86 3.27 -1.91	50.83 3.96 -0.39	54.18 4.26 -0.24	57.61 4.37 -0.02	78.48 6.22 0.00	55.40 4.49 0.00	63.38 5.41 0.00	60.22 5.67 0.00	58.70 5.08 -3.65	50.81 4.19 0.00	50.74 3.42 0.00	49.35 2.92 0.00	44.75 2.56 0.00	34.80 2.07 0.00	27.38 1.70 0.00
WADING RIVER_IC_1 23522	27.89 1.10 18.46	36.09 1.19 0.00	32.73 1.26 0.00	34.52 0.97 0.00	36.56 0.76 0.00	38.17 0.58 0.00	34.25 1.15 0.00	33.16 1.26 0.00	38.75 1.64 0.00	43.03 1.49 0.14	48.74 2.32 0.05	49.99 2.25 1.94	36.95 2.29 18.57	49.46 3.42 26.22	51.18 2.71 2.44	61.61 3.65 0.00	58.90 4.34 0.00	57.79 4.17 -3.64	49.72 3.10 0.00	48.85 2.19 0.66	33.83 1.77 14.36	14.66 1.39 28.91	12.51 1.08 21.31	15.69 0.82 10.81
WADING RIVER_IC_2 23547	27.89 1.10 18.46	36.09 1.19 0.00	32.73 1.26 0.00	34.52 0.97 0.00	36.56 0.76 0.00	38.17 0.58 0.00	34.25 1.15 0.00	33.16 1.26 0.00	38.75 1.64 0.00	43.03 1.49 0.14	48.74 2.32 0.05	49.99 2.25 1.94	36.95 2.29 18.57	49.46 3.42 26.22	51.18 2.71 2.44	61.61 3.65 0.00	58.90 4.34 0.00	57.79 4.17 -3.64	49.72 3.10 0.00	48.85 2.19 0.66	33.83 1.77 14.36	14.66 1.39 28.91	12.51 1.08 21.31	15.69 0.82 10.81
WADING RIVER_IC_3 23601	27.89 1.10 18.46	36.09 1.19 0.00	32.73 1.26 0.00	34.52 0.97 0.00	36.56 0.76 0.00	38.17 0.58 0.00	34.25 1.15 0.00	33.16 1.26 0.00	38.75 1.64 0.00	43.03 1.49 0.14	48.74 2.32 0.05	49.99 2.25 1.94	36.95 2.29 18.57	49.46 3.42 26.22	51.18 2.71 2.44	61.61 3.65 0.00	58.90 4.34 0.00	57.79 4.17 -3.64	49.72 3.10 0.00	48.85 2.19 0.66	33.83 1.77 14.36	14.66 1.39 28.91	12.51 1.08 21.31	15.69 0.82 10.81
WALDENNY_12_KV_BK2 80841	45.30 0.05 0.00	34.44 -0.46 0.00	30.87 -0.60 0.00	32.76 -0.79 0.00	35.14 -0.67 0.00	36.93 -0.66 0.00	32.04 -1.05 0.00	30.78 -1.12 0.00	36.14 -0.97 0.00	41.47 -0.21 0.00	47.32 0.84 0.00	50.40 0.72 0.00	53.94 0.71 0.00	71.68 -0.52 0.05	50.22 -0.68 0.00	55.98 -1.99 0.00	46.03 -1.44 7.08	38.23 -1.41 10.33	38.61 -1.47 6.52	46.50 -0.82 0.00	45.70 -0.73 0.00	41.69 -0.50 0.00	32.25 -0.48 0.00	25.35 -0.33 0.00
WALDEN__HYDRO 24148	47.42 2.17 0.00	36.61 1.71 0.00	33.05 1.58 0.00	35.15 1.59 0.00	37.32 1.52 0.00	39.01 1.41 0.00	34.58 1.48 0.00	33.50 1.61 0.00	38.99 1.88 0.00	43.76 2.08 0.00	49.06 2.57 0.00	52.55 2.87 0.00	56.22 3.00 0.00	76.66 4.40 0.00	54.12 3.21 0.00	61.96 4.00 0.00	58.85 4.29 0.00	56.33 3.86 -2.49	49.73 3.12 0.00	49.91 2.59 0.00	48.71 2.28 0.00	44.15 1.96 0.00	34.24 1.51 0.00	26.86 1.18 0.00
WARRENSBURG____ 23737	47.09 1.84 0.00	36.63 1.73 0.00	33.05 1.58 0.00	35.31 1.76 0.00	37.41 1.61 0.00	39.21 1.62 0.00	34.65 1.55 0.00	33.38 1.49 0.00	38.70 1.58 0.00	43.60 1.92 0.00	47.90 1.42 0.00	50.77 1.09 0.00	54.29 1.06 0.00	74.03 1.77 0.00	52.09 1.19 0.00	60.12 2.15 0.00	57.12 2.56 0.00	52.63 2.33 -0.33	49.05 2.43 0.00	49.55 2.23 0.00	48.52 2.09 0.00	43.94 1.75 0.00	33.97 1.24 0.00	26.58 0.90 0.00
WATERSIDE____6 8 9 23538	48.00 2.76 0.00	37.07 2.17 0.00	33.49 2.02 0.00	35.46 1.90 0.00	37.66 1.86 0.00	39.37 1.77 0.00	35.08 1.99 0.00	34.08 2.19 0.00	39.74 2.63 0.00	49.51 2.77 -5.06	50.44 3.22 -0.74	53.92 3.69 -0.55	56.97 3.67 -0.09	77.33 5.07 0.00	54.78 3.87 0.00	62.58 4.62 0.00	59.47 4.92 0.00	58.10 4.49 -3.64	50.36 3.74 0.00	50.13 2.81 0.00	48.87 2.45 0.00	44.44 2.25 0.00	34.64 1.92 0.00	27.23 1.55 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.64 0.39 0.00	35.28 0.37 0.00	31.93 0.46 0.00	34.11 0.55 0.00	36.28 0.48 0.00	37.96 0.36 0.00	33.44 0.34 0.00	32.14 0.24 0.00	37.43 0.32 0.00	42.02 0.33 0.00	46.34 -0.14 0.00	49.46 -0.22 0.00	53.02 -0.20 0.00	72.23 -0.03 0.00	50.86 -0.05 0.00	58.69 0.73 0.00	55.35 0.80 0.00	50.50 0.52 0.00	46.87 0.26 0.00	47.70 0.38 0.00	46.86 0.43 0.00	42.61 0.42 0.00	32.98 0.25 0.00	25.87 0.19 0.00

WDELAWARE___HYD 323627	46.38 1.14 0.00	35.74 0.84 0.00	32.24 0.76 0.00	34.29 0.74 0.00	36.43 0.62 0.00	38.07 0.48 0.00	33.82 0.72 0.00	32.91 1.01 0.00	38.28 1.17 0.00	42.91 1.23 0.00	47.86 1.38 0.00	51.22 1.54 0.00	54.88 1.65 0.00	74.85 2.59 0.00	52.92 2.02 0.00	60.79 2.83 0.00	57.61 3.05 0.00	54.24 2.74 -1.53	48.63 2.02 0.00	48.84 1.52 0.00	47.68 1.25 0.00	43.22 1.03 0.00	33.51 0.78 0.00	26.25 0.57 0.00
WEST BABYLON___IC 23714	31.51 2.40 16.14	37.08 2.18 0.00	33.55 2.07 0.00	35.42 1.87 0.00	37.55 1.75 0.00	39.24 1.65 0.00	35.07 1.98 0.00	33.99 2.09 0.00	39.65 2.54 0.00	44.04 2.51 0.14	49.72 3.29 0.05	51.41 3.34 1.61	40.71 3.64 16.15	54.67 5.18 22.77	52.82 3.88 1.97	62.82 4.86 0.00	60.02 5.46 0.00	58.79 5.18 -3.64	50.78 4.17 0.00	50.02 3.09 0.38	36.49 2.59 12.52	19.07 2.15 25.27	15.78 1.67 18.62	17.55 1.30 9.42
WEST CANADA___HYD 24049	45.30 0.06 0.00	34.99 0.09 0.00	31.61 0.13 0.00	33.74 0.19 0.00	35.94 0.14 0.00	37.70 0.10 0.00	33.19 0.10 0.00	31.97 0.08 0.00	37.22 0.11 0.00	41.75 0.07 0.00	46.55 0.07 0.00	49.84 0.16 0.00	53.37 0.15 0.00	72.48 0.22 0.00	51.08 0.18 0.00	58.25 0.28 0.00	54.82 0.27 0.00	50.23 0.26 0.00	46.80 0.19 0.00	47.51 0.19 0.00	46.59 0.16 0.00	42.32 0.13 0.00	32.82 0.09 0.00	25.74 0.06 0.00
WESTERN_NY_WIND 24143	46.43 1.18 0.00	35.37 0.47 0.00	31.69 0.21 0.00	33.57 0.01 0.00	35.94 0.13 0.00	37.80 0.21 0.00	32.88 -0.22 0.00	31.54 -0.35 0.00	37.01 -0.10 0.00	42.27 0.59 0.00	47.90 1.42 0.00	51.09 1.41 0.00	54.81 1.59 0.00	73.55 1.32 0.02	51.37 0.46 0.00	57.38 -0.59 0.00	51.54 -0.01 3.01	45.64 0.05 4.38	43.84 -0.01 2.77	48.06 0.74 0.00	47.37 0.94 0.00	43.22 1.03 0.00	33.35 0.62 0.00	26.16 0.48 0.00
WESTOVER___LESR 323668	45.57 0.32 0.00	34.94 0.04 0.00	31.54 0.07 0.00	33.62 0.07 0.00	35.93 0.13 0.00	37.62 0.03 0.00	33.12 0.02 0.00	31.84 -0.06 0.00	37.03 -0.08 0.00	41.84 0.16 0.00	46.91 0.43 0.00	50.23 0.55 0.00	53.84 0.62 0.00	72.95 0.70 0.00	51.58 0.68 0.00	58.32 0.35 0.00	54.97 0.41 0.00	50.12 0.07 -0.08	46.67 0.06 0.00	47.78 0.46 0.00	46.69 0.26 0.00	42.34 0.15 0.00	32.77 0.04 0.00	25.70 0.02 0.00
WETHRSFD_WT_PWR 323626	44.56 -0.69 0.00	33.96 -0.94 0.00	30.22 -1.25 0.00	32.23 -1.33 0.00	34.93 -0.88 0.00	36.65 -0.95 0.00	31.79 -1.31 0.00	30.48 -1.41 0.00	35.69 -1.42 0.00	40.77 -0.91 0.00	46.47 -0.01 0.00	49.51 -0.18 0.00	52.79 -0.44 0.00	69.83 -2.21 0.22	48.68 -2.22 0.00	54.31 -3.66 0.00	20.53 -3.24 30.78	1.99 -3.06 44.92	15.62 -2.63 28.37	45.83 -1.49 0.00	45.33 -1.10 0.00	41.37 -0.82 0.00	32.08 -0.65 0.00	25.19 -0.49 0.00
WHAVSTOR_138KV_BK127 55557	47.30 2.05 0.00	36.54 1.64 0.00	33.01 1.54 0.00	35.07 1.52 0.00	37.26 1.46 0.00	38.94 1.35 0.00	34.54 1.45 0.00	33.48 1.59 0.00	39.00 1.89 0.00	43.77 2.09 0.00	49.12 2.63 0.00	52.59 2.91 0.00	56.20 2.97 0.00	76.65 4.40 0.00	54.08 3.17 0.00	61.86 3.89 0.00	58.77 4.21 0.00	58.09 3.84 -4.27	49.76 3.15 0.00	49.90 2.58 0.00	48.63 2.20 0.00	44.05 1.86 0.00	34.18 1.45 0.00	26.83 1.15 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.30 2.05 0.00	36.54 1.64 0.00	33.01 1.54 0.00	35.07 1.52 0.00	37.26 1.46 0.00	38.94 1.35 0.00	34.54 1.45 0.00	33.48 1.59 0.00	39.00 1.89 0.00	43.77 2.09 0.00	49.12 2.63 0.00	52.59 2.91 0.00	56.20 2.97 0.00	76.65 4.40 0.00	54.08 3.17 0.00	61.86 3.89 0.00	58.77 4.21 0.00	58.09 3.84 -4.27	49.76 3.15 0.00	49.90 2.58 0.00	48.63 2.20 0.00	44.05 1.86 0.00	34.18 1.45 0.00	26.83 1.15 0.00
WHITEHAL_115KV_TB1 80871	47.34 2.09 0.00	37.57 2.67 0.00	33.91 2.44 0.00	36.23 2.68 0.00	37.95 2.15 0.00	39.74 2.15 0.00	35.31 2.21 0.00	33.93 2.04 0.00	38.96 1.84 0.00	43.95 2.27 0.00	48.22 1.74 0.00	51.34 1.66 0.00	55.07 1.84 0.00	74.79 2.53 0.00	52.23 1.33 0.00	60.09 2.12 0.00	57.41 2.85 0.00	53.00 2.70 -0.33	49.77 3.15 0.00	49.44 2.12 0.00	48.17 1.74 0.00	43.77 1.58 0.00	33.86 1.13 0.00	26.39 0.71 0.00
WHITEPLN_13_KV_LOAD 356215	48.10 2.86 0.00	37.15 2.24 0.00	33.54 2.06 0.00	35.61 2.06 0.00	37.79 1.99 0.00	39.51 1.92 0.00	35.11 2.01 0.00	34.08 2.19 0.00	39.75 2.63 0.00	44.64 2.96 0.00	50.12 3.64 0.00	53.68 4.00 0.00	57.39 4.17 0.00	78.30 6.05 0.00	55.28 4.37 0.00	63.24 5.28 0.00	60.11 5.56 0.00	58.74 5.08 -3.68	50.79 4.18 0.00	50.78 3.46 0.00	49.44 3.01 0.00	44.77 2.58 0.00	34.73 2.00 0.00	27.25 1.58 0.00
WM_FLOYD_69_KV_BK2 356380	28.41 1.58 18.41	36.45 1.55 0.00	33.05 1.57 0.00	34.86 1.31 0.00	36.93 1.13 0.00	38.55 0.96 0.00	34.58 1.49 0.00	33.46 1.57 0.00	39.06 1.95 0.00	43.38 1.84 0.14	49.11 2.68 0.06	50.38 2.66 1.96	37.52 2.82 18.52	50.12 4.02 26.16	51.56 3.13 2.47	62.04 4.08 0.00	59.33 4.77 0.00	58.22 4.61 -3.64	50.13 3.52 0.00	49.27 2.67 0.72	34.40 2.29 14.33	15.18 1.84 28.84	12.88 1.40 21.25	15.96 1.07 10.78
WOODARD__115KV_TB2 355635	44.88 -0.36 0.00	34.51 -0.39 0.00	31.12 -0.36 0.00	33.17 -0.39 0.00	35.42 -0.39 0.00	37.12 -0.47 0.00	32.67 -0.43 0.00	31.45 -0.44 0.00	36.58 -0.54 0.00	41.16 -0.52 0.00	46.11 -0.37 0.00	49.44 -0.28 -0.04	52.90 -0.32 0.00	73.00 -0.49 -1.24	50.71 -0.20 0.00	57.38 -0.58 0.00	54.08 -0.47 0.00	49.47 -0.50 0.00	46.14 -0.47 0.00	47.02 -0.30 0.00	46.08 -0.35 0.00	41.81 -0.38 0.00	32.38 -0.36 0.00	25.36 -0.32 0.00
WOODMERE_69_KV_BK1 55827	47.97 2.72 0.00	37.23 2.33 0.00	33.64 2.16 0.00	35.60 2.04 0.00	37.78 1.98 0.00	39.49 1.90 0.00	35.19 2.10 0.00	34.14 2.24 0.00	39.78 2.67 0.00	44.41 2.87 0.14	50.21 3.77 0.04	53.62 3.98 0.04	59.65 4.24 -2.18	81.43 5.72 -3.46	56.04 4.06 -1.08	63.19 5.23 0.00	60.21 5.66 0.00	58.78 5.16 -3.64	50.58 3.97 0.00	50.35 3.03 0.00	49.86 2.59 -0.84	44.53 2.17 -0.18	34.61 1.84 -0.04	27.81 1.52 -0.61
YORK___WARBASSE 23770	48.25 3.00 0.00	37.23 2.33 0.00	33.60 2.13 0.00	35.57 2.02 0.00	37.81 2.00 0.00	39.52 1.92 0.00	35.19 2.09 0.00	34.15 2.26 0.00	39.78 2.67 0.00	47.51 2.73 -3.10	50.25 3.13 -0.63	53.69 3.60 -0.41	56.90 3.63 -0.05	77.42 5.16 0.00	54.88 3.98 0.00	62.64 4.68 0.00	59.59 5.04 0.00	58.16 4.55 -3.64	50.47 3.86 0.00	50.41 3.09 0.00	49.21 2.78 -0.01	44.75 2.56 0.00	34.82 2.09 0.00	27.29 1.61 0.00