

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/17/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	27.33	24.05	23.20	18.84	15.95	11.40	9.60	11.43	7.62	9.41	10.39	16.41	26.90	34.41	36.61	37.40	39.25	41.91	187.97	333.29	101.82	63.74	50.26	44.94
24138	0.81	-0.30	-0.10	1.40	1.17	0.87	0.69	0.83	0.57	0.71	0.81	1.38	1.65	2.55	3.22	2.92	3.33	4.07	17.85	28.53	8.13	4.65	3.70	3.15
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.35	-4.98	-1.20	-7.12	-4.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	27.33	24.05	23.19	18.85	15.96	11.40	9.60	11.43	7.62	9.40	10.38	16.40	26.20	33.93	36.48	36.72	38.79	41.89	187.93	333.42	101.96	63.87	50.34	44.98
24260	0.81	-0.30	-0.10	1.41	1.18	0.88	0.69	0.83	0.56	0.70	0.80	1.36	1.63	2.53	3.20	2.89	3.30	4.06	17.81	28.66	8.27	4.78	3.77	3.19
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.68	-4.52	-1.09	-6.46	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	27.33	24.05	23.19	18.85	15.96	11.40	9.60	11.43	7.62	9.40	10.38	16.40	26.20	33.93	36.48	36.72	38.79	41.89	187.93	333.42	101.96	63.87	50.34	44.98
24261	0.81	-0.30	-0.10	1.41	1.18	0.88	0.69	0.83	0.56	0.70	0.80	1.36	1.63	2.53	3.20	2.89	3.30	4.06	17.81	28.66	8.27	4.78	3.77	3.19
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.68	-4.52	-1.09	-6.46	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.09	28.98	27.47	18.46	15.61	11.11	9.40	11.13	7.28	8.94	9.88	15.57	18.58	27.88	33.37	28.32	32.76	39.74	179.78	323.33	100.03	63.04	49.57	44.20
24011	0.54	-0.21	-0.07	1.02	0.83	0.59	0.49	0.54	0.22	0.24	0.31	0.53	0.68	1.00	1.18	0.95	1.50	1.91	9.66	18.57	6.35	3.95	3.00	2.40
	-20.51	-32.66	-28.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.13	28.98	27.48	18.54	15.65	11.14	9.45	11.19	7.29	8.96	9.92	15.63	18.66	27.97	33.46	28.40	32.95	40.00	180.96	325.47	101.02	63.57	49.99	44.50
23798	0.57	-0.22	-0.07	1.10	0.88	0.62	0.54	0.59	0.23	0.27	0.34	0.59	0.76	1.09	1.28	1.04	1.68	2.16	10.84	20.71	7.33	4.48	3.42	2.70
	-20.52	-32.67	-28.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.09	28.98	27.47	18.46	15.61	11.11	9.40	11.13	7.28	8.94	9.88	15.57	18.58	27.88	33.37	28.32	32.76	39.74	179.78	323.33	100.03	63.04	49.57	44.20
24028	0.54	-0.21	-0.07	1.02	0.83	0.59	0.49	0.54	0.22	0.24	0.31	0.53	0.68	1.00	1.18	0.95	1.50	1.91	9.66	18.57	6.35	3.95	3.00	2.40
	-20.51	-32.66	-28.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.50	28.33	26.87	18.13	15.30	10.89	9.21	10.92	7.16	8.77	9.68	15.20	18.21	27.40	32.73	27.75	32.02	38.64	173.34	311.21	95.89	60.66	48.06	43.04
23527	0.39	-0.15	-0.04	0.69	0.52	0.37	0.30	0.32	0.10	0.07	0.11	0.17	0.31	0.52	0.55	0.38	0.75	0.81	3.22	6.45	2.21	1.57	1.50	1.24
	-20.06	-31.95	-28.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	29.29	28.21	26.74	17.99	15.22	10.82	9.12	10.82	7.14	8.74	9.64	15.16	18.08	27.20	32.58	27.66	31.74	38.22	171.48	306.55	94.17	59.47	46.93	42.15
24190	0.28	-0.11	-0.03	0.55	0.44	0.29	0.21	0.22	0.08	0.04	0.06	0.12	0.18	0.32	0.39	0.30	0.47	0.39	1.36	1.79	0.49	0.38	0.37	0.35
	-19.96	-31.79	-27.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	8.83	-3.40	-1.09	17.06	14.47	10.33	8.77	10.44	7.01	8.70	9.57	15.01	17.84	26.66	31.89	27.01	30.89	37.44	167.60	300.54	92.48	58.41	46.03	41.42
355683	-0.21	0.08	0.02	-0.38	-0.31	-0.20	-0.14	-0.15	-0.05	0.00	-0.01	-0.03	-0.06	-0.22	-0.30	-0.35	-0.38	-0.40	-2.52	-4.22	-1.20	-0.68	-0.53	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.16	27.74	26.36	18.21	15.41	10.96	9.22	10.89	7.17	8.77	9.67	15.22	18.18	27.36	32.79	27.86	31.92	38.55	173.77	312.06	96.08	60.67	47.89	42.96
323833	0.42	-0.15	-0.05	0.77	0.64	0.44	0.31	0.29	0.11	0.07	0.10	0.19	0.28	0.48	0.60	0.50	0.65	0.72	3.66	7.29	2.40	1.58	1.32	1.17
	-19.70	-31.37	-27.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.16	27.75	26.36	18.21	15.41	10.96	9.22	10.89	7.17	8.77	9.67	15.22	18.18	27.35	32.78	27.86	31.92	38.55	173.66	311.92	96.04	60.66	47.88	42.95
323834	0.41	-0.15	-0.05	0.77	0.63	0.44	0.31	0.29	0.11	0.07	0.10	0.19	0.28	0.47	0.60	0.50	0.65	0.72	3.54	7.15	2.36	1.57	1.31	1.15
	-19.70	-31.37	-27.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.29	28.21	26.74	17.99	15.22	10.82	9.12	10.82	7.14	8.74	9.64	15.16	18.08	27.20	32.58	27.66	31.74	38.22	171.48	306.55	94.17	59.47	46.93	42.15
23571	0.28	-0.11	-0.03	0.55	0.44	0.29	0.21	0.22	0.08	0.04	0.06	0.12	0.18	0.32	0.39	0.30	0.47	0.39	1.36	1.79	0.49	0.38	0.37	0.35
	-19.96	-31.79	-27.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	29.29 0.28 -19.96	28.21 -0.11 -31.79	26.74 -0.03 -27.89	17.99 0.55 0.00	15.22 0.44 0.00	10.82 0.29 0.00	9.12 0.21 0.00	10.82 0.22 0.00	7.14 0.08 0.00	8.74 0.04 0.00	9.64 0.06 0.00	15.16 0.12 0.00	18.08 0.18 0.00	27.20 0.32 0.00	32.58 0.39 0.00	27.66 0.30 0.00	31.74 0.47 0.00	38.22 0.39 0.00	171.48 1.36 0.00	306.55 1.79 0.00	94.17 0.49 0.00	59.47 0.38 0.00	46.93 0.37 0.00	42.15 0.35 0.00
ALBANY___3 23573	29.29 0.28 -19.96	28.21 -0.11 -31.79	26.74 -0.03 -27.89	17.99 0.55 0.00	15.22 0.44 0.00	10.82 0.29 0.00	9.12 0.21 0.00	10.82 0.22 0.00	7.14 0.08 0.00	8.74 0.04 0.00	9.64 0.06 0.00	15.16 0.12 0.00	18.08 0.18 0.00	27.20 0.32 0.00	32.58 0.39 0.00	27.66 0.30 0.00	31.74 0.47 0.00	38.22 0.39 0.00	171.48 1.36 0.00	306.55 1.79 0.00	94.17 0.49 0.00	59.47 0.38 0.00	46.93 0.37 0.00	42.15 0.35 0.00
ALBANY___4 23574	29.29 0.28 -19.96	28.21 -0.11 -31.79	26.74 -0.03 -27.89	17.99 0.55 0.00	15.22 0.44 0.00	10.82 0.29 0.00	9.12 0.21 0.00	10.82 0.22 0.00	7.14 0.08 0.00	8.74 0.04 0.00	9.64 0.06 0.00	15.16 0.12 0.00	18.08 0.18 0.00	27.20 0.32 0.00	32.58 0.39 0.00	27.66 0.30 0.00	31.74 0.47 0.00	38.22 0.39 0.00	171.48 1.36 0.00	306.55 1.79 0.00	94.17 0.49 0.00	59.47 0.38 0.00	46.93 0.37 0.00	42.15 0.35 0.00
ALBANY___LFGE 323615	29.51 0.35 -20.12	28.43 -0.13 -32.04	26.95 -0.04 -28.11	18.10 0.66 0.00	15.32 0.54 0.00	10.89 0.36 0.00	9.18 0.27 0.00	10.89 0.30 0.00	7.19 0.13 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.28 0.25 0.00	18.23 0.33 0.00	27.43 0.55 0.00	32.86 0.67 0.00	27.90 0.54 0.00	32.04 0.77 0.00	38.63 0.80 0.00	173.49 3.37 0.00	310.23 5.47 0.00	95.27 1.59 0.00	60.09 1.00 0.00	47.43 0.87 0.00	42.57 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	8.84 -0.20 0.00	-3.40 0.07 0.00	-1.09 0.02 0.00	17.08 -0.36 0.00	14.49 -0.29 0.00	10.34 -0.18 0.00	8.79 -0.12 0.00	10.46 -0.14 0.00	7.02 -0.04 0.00	8.71 0.01 0.00	9.58 0.00 0.00	15.01 -0.03 0.00	17.84 -0.06 0.00	26.65 -0.23 0.00	31.88 -0.31 0.00	26.98 -0.38 0.00	30.85 -0.42 0.00	37.39 -0.44 0.00	167.73 -2.39 0.00	301.04 -3.72 0.00	92.77 -0.91 0.00	58.48 -0.61 0.00	46.11 -0.46 0.00	41.46 -0.34 0.00
ALCOA_RYNLDS___DRP 24188	8.84 -0.20 0.00	-3.40 0.07 0.00	-1.09 0.02 0.00	17.08 -0.36 0.00	14.49 -0.29 0.00	10.34 -0.18 0.00	8.79 -0.12 0.00	10.46 -0.14 0.00	7.02 -0.04 0.00	8.71 0.01 0.00	9.58 0.00 0.00	15.01 -0.03 0.00	17.84 -0.06 0.00	26.65 -0.23 0.00	31.88 -0.31 0.00	26.98 -0.38 0.00	30.85 -0.42 0.00	37.39 -0.44 0.00	167.73 -2.39 0.00	301.03 -3.73 0.00	92.79 -0.89 0.00	58.50 -0.59 0.00	46.11 -0.46 0.00	41.46 0.00 0.00
ALCOA___DSASP 323711	8.84 -0.20 0.00	-3.40 0.07 0.00	-1.09 0.02 0.00	17.08 -0.36 0.00	14.49 -0.29 0.00	10.34 -0.18 0.00	8.79 -0.12 0.00	10.46 -0.14 0.00	7.02 -0.04 0.00	8.71 0.01 0.00	9.58 0.00 0.00	15.01 -0.03 0.00	17.84 -0.06 0.00	26.65 -0.23 0.00	31.88 -0.31 0.00	26.98 -0.38 0.00	30.85 -0.42 0.00	37.39 -0.44 0.00	167.73 -2.39 0.00	301.03 -3.73 0.00	92.79 -0.89 0.00	58.50 -0.59 0.00	46.11 -0.46 0.00	41.46 -0.34 0.00
ALLEGHENY___COGEN 23514	12.37 0.03 -3.29	1.76 -0.01 -5.25	3.48 0.00 -4.60	17.40 -0.04 0.00	14.76 -0.02 0.00	10.60 0.08 0.00	8.95 0.04 0.00	10.58 -0.02 0.00	6.92 -0.14 0.00	8.46 -0.24 0.00	9.29 -0.29 0.00	14.53 -0.50 0.00	17.95 -0.61 -0.67	49.75 -0.81 -23.67	39.18 -0.92 -7.90	37.50 -0.73 -10.87	36.41 -0.79 -5.93	37.03 -0.82 -0.02	173.35 -1.60 -4.83	308.82 4.06 0.00	108.51 2.47 -12.35	71.98 1.90 -10.99	47.29 0.73 0.00	42.43 0.64 0.00
ALTAMONT_115KV_TB 2 55880	29.28 0.31 -19.92	28.14 -0.12 -31.73	26.68 -0.04 -27.84	18.03 0.59 0.00	15.25 0.48 0.00	10.85 0.33 0.00	9.15 0.25 0.00	10.87 0.27 0.00	7.19 0.13 0.00	8.82 0.12 0.00	9.73 0.15 0.00	15.30 0.26 0.00	18.23 0.34 0.00	27.43 0.56 0.00	32.87 0.68 0.00	27.94 0.58 0.00	32.01 0.75 0.00	38.67 0.84 0.00	173.70 3.59 0.00	310.65 5.89 0.00	95.47 1.79 0.00	60.26 1.17 0.00	47.55 0.99 0.00	42.63 0.84 0.00
ALTONA_WT_PWR 323606	8.71 -0.34 0.00	-3.36 0.11 0.00	-1.08 0.04 0.00	16.93 -0.51 0.00	14.37 -0.41 0.00	10.27 -0.26 0.00	8.76 -0.15 0.00	10.42 -0.18 0.00	6.97 -0.08 0.00	8.69 -0.01 0.00	9.58 0.01 0.00	15.05 0.02 0.00	17.92 0.02 0.00	26.74 -0.14 0.00	31.91 -0.28 0.00	27.02 -0.34 0.00	30.88 -0.39 0.00	37.47 -0.36 0.00	168.93 -1.19 0.00	303.64 -1.12 0.00	93.54 -0.14 0.00	58.81 -0.28 0.00	46.40 -0.17 0.00	41.54 -0.25 0.00
AMERICAN_REF_FUEL 24010	11.32 -0.77 -3.04	1.67 0.30 -4.84	3.23 0.10 -4.25	15.80 -1.65 0.00	13.46 -1.32 0.00	9.75 -0.77 0.00	8.23 -0.68 0.00	9.91 -0.69 0.00	6.66 -0.40 0.00	8.16 -0.54 0.00	8.94 -0.63 0.00	13.92 -1.12 0.00	16.16 -1.55 0.18	18.35 -2.05 6.47	27.21 -2.82 2.16	22.02 -2.37 2.97	26.48 -3.17 1.62	33.74 -4.09 0.00	150.73 -18.07 1.32	271.38 -33.37 0.00	89.67 -9.99 -5.98	58.65 -5.75 -5.32	41.47 -5.09 0.00	38.02 -3.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	11.83 -0.62 -3.40	2.18 0.24 -5.42	3.71 0.07 -4.75	16.15 -1.29 0.00	13.80 -0.97 0.00	10.01 -0.51 0.00	8.48 -0.43 0.00	10.22 -0.38 0.00	6.85 -0.21 0.00	8.47 -0.24 0.00	9.33 -0.25 0.00	14.61 -0.43 0.00	17.02 -0.70 0.18	19.57 -0.95 6.35	28.71 -1.36 2.12	23.41 -1.04 2.92	28.25 -1.43 1.59	36.08 -1.75 0.00	162.16 -6.66 1.30	292.25 -12.51 0.00	116.28 -3.94 -26.54	80.35 -2.35 -23.61	43.82 -2.74 0.00	39.03 -2.77 0.00
ARTHUR KILL_GT_1 23520	27.35 0.83 -17.47	24.04 -0.31 -27.82	23.19 -0.10 -24.41	18.89 1.44 0.00	15.98 1.20 0.00	11.43 0.90 0.00	9.62 0.71 0.00	11.44 0.85 0.00	7.63 0.57 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.38 1.35 0.00	26.47 1.63 -6.94	34.10 2.52 -4.70	36.53 3.20 -1.14	37.02 2.93 -6.73	39.00 3.34 -4.39	41.96 4.12 -0.01	188.26 18.14 0.00	334.71 29.95 0.00	102.26 8.57 0.00	64.04 4.95 0.00	50.44 3.88 0.00	45.05 3.26 0.00
ARTHUR_KILL_2 23512	27.32 0.81 -17.47	24.05 -0.30 -27.82	23.19 -0.10 -24.41	18.84 1.40 0.00	15.94 1.17 0.00	11.40 0.88 0.00	9.60 0.69 0.00	11.42 0.82 0.00	7.61 0.55 0.00	9.38 0.68 0.00	10.35 0.77 0.00	16.34 1.31 0.00	26.43 1.60 -6.94	34.03 2.45 -4.70	36.45 3.12 -1.14	36.93 2.84 -6.73	38.91 3.25 -4.39	41.81 3.97 -0.01	187.59 17.46 0.00	333.43 28.66 0.00	101.82 8.14 0.00	63.76 4.67 0.00	50.27 3.70 0.00	44.90 3.10 0.00
ARTHUR_KILL_3 23513	27.24 0.73 -17.47	24.08 -0.27 -27.82	23.20 -0.09 -24.41	18.68 1.24 0.00	15.82 1.04 0.00	11.30 0.78 0.00	9.51 0.60 0.00	11.33 0.73 0.00	7.55 0.49 0.00	9.32 0.61 0.00	10.28 0.70 0.00	16.23 1.20 0.00	26.27 1.43 -6.94	33.83 2.25 -4.70	36.18 2.86 -1.14	36.70 2.62 -6.72	38.64 2.97 -4.40	41.50 3.66 -0.01	186.22 16.10 0.00	330.69 25.93 0.00	101.01 7.33 0.00	63.23 4.15 0.00	49.87 3.31 0.00	44.58 2.78 0.00

ARTHUR_KILL_COGEN 323718	27.35 0.83 -17.47	24.04 -0.31 -27.82	23.19 -0.10 -24.41	18.89 1.44 0.00	15.98 1.20 0.00	11.43 0.90 0.00	9.62 0.71 0.00	11.44 0.85 0.00	7.63 0.57 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.38 1.35 0.00	26.47 1.64 -6.94	34.10 2.52 -4.70	36.53 3.20 -1.14	37.02 2.92 -6.73	39.01 3.35 -4.39	41.95 4.11 -0.01	188.26 18.14 0.00	334.65 29.88 0.00	102.22 8.54 0.00	64.00 4.91 0.00	50.44 3.88 0.00	45.06 3.26 0.00
ASHOKAN____ 23654	28.31 0.49 -18.78	26.29 -0.14 -29.90	25.09 -0.03 -26.23	18.24 0.80 0.00	15.43 0.65 0.00	10.98 0.46 0.00	9.22 0.31 0.00	10.96 0.36 0.00	7.25 0.19 0.00	8.91 0.21 0.00	9.87 0.30 0.00	15.51 0.47 0.00	18.52 0.62 0.00	27.88 1.01 0.00	33.53 1.34 0.00	28.68 1.31 0.00	32.92 1.65 0.00	40.06 2.23 0.00	180.47 10.35 0.00	322.47 17.71 0.00	98.91 5.22 0.00	62.11 3.02 0.00	48.80 2.24 0.00	43.52 1.72 0.00
ASTORIA_EAST_ENERGY_CC1 323581	27.24 0.72 -17.47	24.08 -0.27 -27.82	23.20 -0.09 -24.41	18.71 1.27 0.00	15.85 1.07 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.28 1.24 0.00	26.09 1.51 -6.68	33.65 2.25 -4.52	36.04 2.76 -1.09	36.39 2.56 -6.46	38.47 2.97 -4.23	41.42 3.58 -0.01	185.55 15.43 0.00	329.52 24.76 0.00	100.68 6.99 0.00	63.08 3.99 0.00	49.78 3.22 0.00	44.52 2.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	27.24 0.72 -17.47	24.08 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.07 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.10 1.52 -6.68	33.65 2.25 -4.52	36.04 2.76 -1.09	36.39 2.56 -6.46	38.47 2.97 -4.23	41.42 3.58 -0.01	185.55 15.43 0.00	329.52 24.76 0.00	100.68 6.99 0.00	63.08 3.99 0.00	49.78 3.22 0.00	44.52 2.73 0.00
ASTORIA_GT2_1 24094	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT2_2 24095	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT2_3 24096	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT2_4 24097	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT3_1 24098	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT3_2 24099	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT3_3 24100	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT3_4 24101	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT4_1 24102	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT4_2 24103	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT4_3 24104	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00

ASTORIA_GT4_4 24105	27.24 0.72 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.06 1.48 -6.68	33.64 2.24 -4.52	36.05 2.77 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.45 3.61 0.00	185.64 15.52 0.00	330.09 25.33 0.00	100.85 7.17 0.00	63.16 4.07 0.00	49.81 3.25 0.00	44.55 2.76 0.00
ASTORIA_GT_1 23523	27.26 0.74 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.75 1.31 0.00	15.88 1.10 0.00	11.35 0.83 0.00	9.56 0.65 0.00	11.38 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.70 2.30 -4.52	36.12 2.84 -1.09	36.46 2.63 -6.46	38.53 3.04 -4.23	41.55 3.71 0.00	186.14 16.02 0.00	330.74 25.99 0.00	101.05 7.37 0.00	63.29 4.20 0.00	49.92 3.35 0.00	44.65 2.85 0.00
ASTORIA_GT_10 24110	27.28 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.08 1.51 -6.68	33.70 2.31 -4.52	36.18 2.90 -1.09	36.48 2.65 -6.46	38.52 3.03 -4.23	41.50 3.66 0.00	185.89 15.77 0.00	329.87 25.11 0.00	100.88 7.19 0.00	63.25 4.16 0.00	49.92 3.35 0.00	44.62 2.82 0.00
ASTORIA_GT_11 24225	27.28 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.08 1.51 -6.68	33.70 2.31 -4.52	36.18 2.90 -1.09	36.48 2.65 -6.46	38.52 3.03 -4.23	41.50 3.66 0.00	185.89 15.77 0.00	329.87 25.11 0.00	100.88 7.19 0.00	63.25 4.16 0.00	49.92 3.35 0.00	44.62 2.82 0.00
ASTORIA_GT_12 24226	27.28 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.08 1.51 -6.68	33.70 2.31 -4.52	36.18 2.90 -1.09	36.48 2.65 -6.46	38.52 3.03 -4.23	41.50 3.66 0.00	185.89 15.77 0.00	329.87 25.11 0.00	100.88 7.19 0.00	63.25 4.16 0.00	49.92 3.35 0.00	44.62 2.82 0.00
ASTORIA_GT_13 24227	27.28 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.08 1.51 -6.68	33.70 2.31 -4.52	36.18 2.90 -1.09	36.48 2.65 -6.46	38.52 3.03 -4.23	41.50 3.66 0.00	185.89 15.77 0.00	329.87 25.11 0.00	100.88 7.19 0.00	63.25 4.16 0.00	49.92 3.35 0.00	44.62 2.82 0.00
ASTORIA_GT_5 24106	27.26 0.74 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.75 1.31 0.00	15.88 1.10 0.00	11.35 0.83 0.00	9.56 0.65 0.00	11.38 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.70 2.30 -4.52	36.12 2.84 -1.09	36.46 2.63 -6.46	38.53 3.04 -4.23	41.55 3.71 0.00	186.14 16.02 0.00	330.74 25.99 0.00	101.05 7.37 0.00	63.29 4.20 0.00	49.92 3.35 0.00	44.65 2.85 0.00
ASTORIA_GT_7 24107	27.26 0.74 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.75 1.31 0.00	15.88 1.10 0.00	11.35 0.83 0.00	9.56 0.65 0.00	11.38 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.70 2.30 -4.52	36.12 2.84 -1.09	36.46 2.63 -6.46	38.53 3.04 -4.23	41.55 3.71 0.00	186.14 16.02 0.00	330.74 25.99 0.00	101.05 7.37 0.00	63.29 4.20 0.00	49.92 3.35 0.00	44.65 2.85 0.00
ASTORIA_GT_8 24108	27.26 0.74 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.75 1.31 0.00	15.88 1.10 0.00	11.35 0.83 0.00	9.56 0.65 0.00	11.38 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.70 2.30 -4.52	36.12 2.84 -1.09	36.46 2.63 -6.46	38.53 3.04 -4.23	41.55 3.71 0.00	186.14 16.02 0.00	330.74 25.99 0.00	101.05 7.37 0.00	63.29 4.20 0.00	49.92 3.35 0.00	44.65 2.85 0.00
ASTORIA___2 24149	27.24 0.72 -17.47	24.08 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.07 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.10 1.52 -6.68	33.65 2.25 -4.52	36.05 2.77 -1.09	36.41 2.58 -6.46	38.48 2.98 -4.23	41.44 3.60 -0.01	185.64 15.52 0.00	329.64 24.88 0.00	100.76 7.07 0.00	63.11 4.02 0.00	49.81 3.24 0.00	44.56 2.76 0.00
ASTORIA___3 23516	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.77 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.71 2.31 -4.52	36.18 2.90 -1.09	36.48 2.66 -6.46	38.52 3.03 -4.23	41.50 3.66 -0.01	185.89 15.77 0.00	329.81 25.05 0.00	100.85 7.16 0.00	63.19 4.10 0.00	49.92 3.36 0.00	44.62 2.83 0.00
ASTORIA___4 23517	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.08 1.51 -6.68	33.70 2.31 -4.52	36.18 2.90 -1.09	36.48 2.65 -6.46	38.52 3.03 -4.23	41.50 3.66 0.00	185.89 15.77 0.00	329.87 25.11 0.00	100.88 7.19 0.00	63.25 4.16 0.00	49.92 3.35 0.00	44.62 2.82 0.00
ASTORIA___5 23518	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.77 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.71 2.31 -4.52	36.18 2.90 -1.09	36.48 2.66 -6.46	38.52 3.03 -4.23	41.50 3.66 -0.01	185.89 15.77 0.00	329.81 25.05 0.00	100.85 7.16 0.00	63.19 4.10 0.00	49.92 3.36 0.00	44.62 2.83 0.00
AST_ENERGY_2_CC3 323677	27.26 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.27 1.24 0.00	26.14 1.48 -6.77	33.75 2.29 -4.58	36.20 2.90 -1.11	36.56 2.64 -6.55	38.57 3.01 -4.29	41.53 3.69 -0.01	186.29 16.17 0.00	330.59 25.83 0.00	101.03 7.34 0.00	63.25 4.17 0.00	49.91 3.35 0.00	44.61 2.81 0.00
AST_ENERGY_2_CC4 323678	27.26 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.27 1.24 0.00	26.14 1.48 -6.77	33.75 2.29 -4.58	36.20 2.90 -1.11	36.56 2.64 -6.55	38.57 3.01 -4.29	41.53 3.69 -0.01	186.29 16.17 0.00	330.59 25.83 0.00	101.03 7.34 0.00	63.25 4.17 0.00	49.91 3.35 0.00	44.61 2.81 0.00

ATHENS_STG_1 23668	27.85 0.43 -18.38	25.63 -0.16 -29.26	24.50 -0.05 -25.67	18.22 0.78 0.00	15.42 0.64 0.00	10.98 0.46 0.00	9.25 0.35 0.00	11.00 0.40 0.00	7.29 0.24 0.00	8.97 0.27 0.00	9.89 0.31 0.00	15.57 0.53 0.00	18.55 0.66 0.00	27.91 1.04 0.00	33.50 1.31 0.00	28.54 1.17 0.00	32.66 1.39 0.00	39.51 1.67 0.00	177.27 7.15 0.00	315.75 10.99 0.00	96.85 3.16 0.00	60.98 1.89 0.00	48.15 1.59 0.00	43.12 1.32 0.00
ATHENS_STG_2 23670	27.85 0.43 -18.38	25.63 -0.16 -29.26	24.50 -0.05 -25.67	18.22 0.78 0.00	15.42 0.64 0.00	10.98 0.46 0.00	9.25 0.35 0.00	11.00 0.40 0.00	7.29 0.24 0.00	8.97 0.27 0.00	9.89 0.31 0.00	15.57 0.53 0.00	18.55 0.66 0.00	27.91 1.04 0.00	33.50 1.31 0.00	28.54 1.17 0.00	32.66 1.39 0.00	39.51 1.67 0.00	177.27 7.15 0.00	315.75 10.99 0.00	96.85 3.16 0.00	60.98 1.89 0.00	48.15 1.59 0.00	43.12 1.32 0.00
ATHENS_STG_3 23677	27.85 0.43 -18.38	25.63 -0.16 -29.26	24.50 -0.05 -25.67	18.22 0.78 0.00	15.42 0.64 0.00	10.98 0.46 0.00	9.25 0.35 0.00	11.00 0.40 0.00	7.29 0.24 0.00	8.97 0.27 0.00	9.89 0.31 0.00	15.57 0.53 0.00	18.55 0.66 0.00	27.91 1.04 0.00	33.50 1.31 0.00	28.54 1.17 0.00	32.66 1.39 0.00	39.51 1.67 0.00	177.27 7.15 0.00	315.75 10.99 0.00	96.85 3.16 0.00	60.98 1.89 0.00	48.15 1.59 0.00	43.12 1.32 0.00
AUBURN___LFGE 323710	11.50 0.01 -2.45	0.42 0.00 -3.89	2.30 0.00 -3.42	17.42 -0.02 0.00	14.81 0.03 0.00	10.58 0.06 0.00	8.95 0.04 0.00	10.62 0.02 0.00	7.03 -0.03 0.00	8.62 -0.09 0.00	9.46 -0.11 0.00	14.80 -0.24 0.00	17.58 -0.32 0.00	26.52 -0.36 0.00	31.77 -0.41 0.00	27.05 -0.31 0.00	30.79 -0.48 0.00	37.64 -0.48 -0.28	171.21 -0.19 -1.28	309.63 0.28 -4.60	98.28 0.32 -4.28	60.40 0.19 -1.13	46.55 -0.02 -0.01	41.79 0.00 0.00
BABYLON_RES_REC 323704	28.99 0.84 -19.11	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.89 1.45 0.00	15.97 1.20 0.00	11.41 0.89 0.00	9.61 0.70 0.00	11.43 0.83 0.00	11.35 0.58 -3.71	9.42 0.70 -0.01	10.32 0.74 0.00	29.91 1.25 -13.62	41.15 1.45 -21.80	36.92 2.38 -7.66	36.17 3.08 -0.90	35.44 2.75 -5.32	37.74 2.99 -3.48	41.57 3.73 -0.01	185.50 15.38 0.00	329.88 25.12 0.00	100.81 7.12 0.00	63.43 4.34 0.00	50.14 3.58 0.00	44.73 2.93 0.00
BALL_HILL_WT_PWR 323825	11.83 -0.52 -3.31	2.01 0.21 -5.27	3.58 0.06 -4.63	16.32 -1.12 0.00	13.90 -0.88 0.00	10.05 -0.47 0.00	8.50 -0.41 0.00	10.20 -0.40 0.00	6.83 -0.23 0.00	8.40 -0.30 0.00	9.22 -0.35 0.00	14.41 -0.62 0.00	16.76 -0.90 0.23	17.46 -1.26 8.16	27.73 -1.73 2.72	22.23 -1.39 3.75	27.37 -1.86 2.04	35.52 -2.30 0.01	159.12 -9.33 1.66	287.16 -17.60 0.00	118.67 -5.53 -30.52	83.02 -3.22 -27.15	43.41 -3.15 0.00	39.28 -2.51 0.00
BARON_WINDS___WT_PWR 323822	12.85 -0.40 -4.20	3.37 0.14 -6.70	4.81 0.04 -5.88	16.74 -0.70 0.00	14.17 -0.61 0.00	10.13 -0.39 0.00	8.58 -0.32 0.00	10.17 -0.43 0.00	6.76 -0.30 0.00	8.28 -0.43 0.00	9.10 -0.48 0.00	14.21 -0.83 0.00	15.72 -1.03 1.14	-15.02 -1.49 40.41	16.98 -1.72 13.49	7.54 -1.27 18.55	19.75 -1.40 10.12	36.34 -1.54 -0.05	157.38 -4.86 7.88	298.71 -7.31 -1.26	113.57 -2.41 -22.29	76.76 -1.43 -19.10	44.92 -1.65 0.00	40.32 -1.47 0.00
BARRETT_IC_1 23704	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_10 23701	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_11 23702	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_12 23703	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_2 23705	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_3 23706	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_4 23707	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_5 23708	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00

BARRETT_IC_6 23709	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_7 23710	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.62 2.27 -7.47	36.01 2.92 -0.90	35.28 2.59 -5.32	37.55 2.81 -3.48	41.28 3.44 0.00	184.36 14.24 0.00	327.82 23.06 0.00	100.20 6.52 0.00	63.02 3.93 0.00	49.78 3.22 0.00	44.44 2.65 0.00
BARRETT_IC_8 23711	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT_IC_9 23700	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT___1 23545	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BARRETT___2 23546	28.83 0.77 -19.02	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.77 1.33 0.00	15.88 1.10 0.00	11.34 0.81 0.00	9.55 0.64 0.00	11.35 0.75 0.00	11.10 0.52 -3.52	9.36 0.65 -0.01	10.30 0.71 -0.01	29.15 1.19 -12.93	40.25 1.38 -20.97	36.61 2.26 -7.47	36.01 2.92 -0.91	35.28 2.59 -5.32	37.56 2.81 -3.48	41.28 3.44 -0.01	184.34 14.22 0.00	327.82 23.06 0.00	100.18 6.50 0.00	62.96 3.87 0.00	49.78 3.22 0.00	44.45 2.65 0.00
BATAVIA___115KV_TB1 55881	11.46 -0.35 -2.77	1.08 0.14 -4.41	2.80 0.05 -3.87	16.60 -0.84 0.00	14.14 -0.64 0.00	10.21 -0.31 0.00	8.61 -0.30 0.00	10.29 -0.31 0.00	6.83 -0.23 0.00	8.34 -0.36 0.00	9.15 -0.43 0.00	14.26 -0.77 0.00	16.67 -1.10 0.12	21.03 -1.45 4.40	28.72 -2.00 1.47	23.68 -1.67 2.02	28.01 -2.15 1.10	35.21 -2.61 0.00	159.84 -9.38 0.90	290.75 -14.01 0.00	107.86 -3.82 -17.99	72.79 -2.30 -16.01	44.35 -2.21 0.00	40.28 -1.52 0.00
BAYONEEC___CTG1 323682	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG10 323750	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG2 323683	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG3 323684	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG4 323685	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG5 323686	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG6 323687	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG7 323688	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00

BAYONEEC___CTG8 323689	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYONEEC___CTG9 323749	27.27 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.30 0.73 0.00	16.28 1.24 0.00	26.32 1.48 -6.94	33.89 2.31 -4.70	36.26 2.93 -1.14	36.76 2.67 -6.72	38.72 3.05 -4.40	41.59 3.75 -0.01	186.59 16.46 0.00	331.11 26.35 0.00	101.14 7.46 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
BAYPORT_69_KV_BK 2 356364	28.92 0.90 -18.97	24.02 -0.33 -27.82	23.19 -0.10 -24.41	19.05 1.61 0.00	16.11 1.33 0.00	11.51 0.98 0.00	9.70 0.79 0.00	11.55 0.96 0.00	11.15 0.69 -3.40	9.54 0.83 -0.01	10.40 0.82 0.00	28.88 1.37 -12.47	39.87 1.55 -20.43	36.75 2.55 -7.33	36.36 3.28 -0.90	35.61 2.93 -5.32	38.02 3.27 -3.48	41.90 4.06 0.00	186.22 16.10 0.00	330.88 26.12 0.00	101.06 7.38 0.00	63.75 4.66 0.00	50.35 3.79 0.00	44.84 3.05 0.00
BEACON___LESR 323632	29.37 0.37 -19.96	28.16 -0.14 -31.78	26.72 -0.05 -27.88	18.15 0.71 0.00	15.36 0.58 0.00	10.92 0.40 0.00	9.20 0.29 0.00	10.93 0.33 0.00	7.21 0.15 0.00	8.83 0.12 0.00	9.73 0.15 0.00	15.30 0.26 0.00	18.25 0.35 0.00	27.46 0.58 0.00	32.89 0.70 0.00	27.94 0.57 0.00	32.10 0.83 0.00	38.69 0.86 0.00	173.92 3.80 0.00	311.17 6.41 0.00	95.57 1.89 0.00	60.29 1.20 0.00	47.55 0.99 0.00	42.65 0.86 0.00
BEAVER RIVER___HYD 24048	9.36 -0.51 -0.82	-1.97 0.20 -1.30	0.09 0.06 -1.14	16.54 -0.90 0.00	14.15 -0.63 0.00	10.14 -0.39 0.00	8.65 -0.26 0.00	10.37 -0.23 0.00	6.93 -0.12 0.00	8.48 -0.22 0.00	9.22 -0.36 0.00	14.23 -0.80 0.00	16.87 -1.03 0.00	25.21 -1.67 0.00	30.40 -1.79 0.00	26.06 -1.30 0.00	29.89 -1.37 0.00	36.63 -1.37 -0.16	166.45 -4.41 -0.75	306.18 -1.26 -2.68	96.60 0.42 -2.49	59.93 0.18 -0.66	46.56 -0.01 0.00	41.66 -0.14 0.00
BEEBEE_GT_13 23619	11.15 -0.22 -2.33	0.32 0.09 -3.71	2.16 0.03 -3.25	16.90 -0.54 0.00	14.36 -0.42 0.00	10.31 -0.21 0.00	8.70 -0.21 0.00	10.39 -0.21 0.00	6.92 -0.14 0.00	8.49 -0.21 0.00	9.33 -0.25 0.00	14.61 -0.43 0.00	17.34 -0.56 0.00	26.10 -0.78 0.00	31.13 -1.06 0.00	26.52 -0.85 0.00	30.21 -1.06 0.00	36.58 -1.25 0.00	165.73 -4.38 0.00	297.36 -7.40 0.00	91.41 -2.27 0.00	57.67 -1.42 0.00	45.12 -1.44 0.00	40.79 -1.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	27.38 0.87 -17.47	24.03 -0.32 -27.82	23.18 -0.11 -24.41	18.93 1.49 0.00	16.02 1.24 0.00	11.45 0.93 0.00	9.64 0.73 0.00	11.48 0.88 0.00	7.65 0.59 0.00	9.44 0.74 0.00	10.42 0.85 0.00	16.47 1.44 -6.94	26.57 1.73 -4.70	34.24 2.66 -1.14	36.68 3.35 -6.73	37.12 3.03 -4.39	39.10 3.44 -0.01	42.05 4.21 0.00	188.43 18.31 0.00	334.65 29.89 0.00	102.26 8.57 0.00	64.07 4.98 0.00	50.49 3.92 0.00	45.09 3.29 0.00
BETHLEHEM___GRP 23843	29.29 0.28 -19.96	28.21 -0.11 -31.79	26.74 -0.03 -27.89	17.99 0.55 0.00	15.22 0.44 0.00	10.82 0.29 0.00	9.12 0.21 0.00	10.82 0.22 0.00	7.14 0.08 0.00	8.74 0.04 0.00	9.64 0.06 0.00	15.16 0.12 0.00	18.08 0.18 0.00	27.20 0.32 0.00	32.58 0.39 0.00	27.66 0.30 0.00	31.74 0.47 0.00	38.22 0.39 0.00	171.48 1.36 0.00	306.55 1.79 0.00	94.17 0.49 0.00	59.47 0.38 0.00	46.93 0.37 0.00	42.15 0.35 0.00
BETHLEHEM___GS1 323560	29.29 0.28 -19.96	28.21 -0.11 -31.79	26.74 -0.03 -27.89	17.99 0.55 0.00	15.22 0.44 0.00	10.82 0.29 0.00	9.12 0.21 0.00	10.82 0.22 0.00	7.14 0.08 0.00	8.74 0.04 0.00	9.64 0.06 0.00	15.16 0.12 0.00	18.07 0.18 0.00	27.20 0.32 0.00	32.57 0.39 0.00	27.66 0.30 0.00	31.74 0.47 0.00	38.21 0.38 0.00	171.48 1.36 0.00	306.60 1.84 0.00	94.17 0.48 0.00	59.43 0.35 0.00	46.93 0.37 0.00	42.15 0.35 0.00
BETHLEHEM___GS2 323561	29.29 0.28 -19.96	28.21 -0.11 -31.79	26.74 -0.03 -27.89	17.99 0.55 0.00	15.22 0.44 0.00	10.82 0.29 0.00	9.12 0.21 0.00	10.82 0.22 0.00	7.14 0.08 0.00	8.74 0.04 0.00	9.64 0.06 0.00	15.16 0.12 0.00	18.07 0.18 0.00	27.20 0.32 0.00	32.57 0.39 0.00	27.66 0.30 0.00	31.74 0.47 0.00	38.21 0.38 0.00	171.48 1.36 0.00	306.60 1.84 0.00	94.17 0.48 0.00	59.43 0.35 0.00	46.93 0.37 0.00	42.15 0.35 0.00
BETHLEHEM___GS3 323562	29.29 0.28 -19.96	28.21 -0.11 -31.79	26.74 -0.03 -27.89	17.99 0.55 0.00	15.22 0.44 0.00	10.82 0.29 0.00	9.12 0.21 0.00	10.82 0.22 0.00	7.14 0.08 0.00	8.74 0.04 0.00	9.64 0.06 0.00	15.16 0.12 0.00	18.07 0.18 0.00	27.20 0.32 0.00	32.57 0.39 0.00	27.66 0.30 0.00	31.74 0.47 0.00	38.21 0.38 0.00	171.48 1.36 0.00	306.60 1.84 0.00	94.17 0.48 0.00	59.43 0.35 0.00	46.93 0.37 0.00	42.15 0.35 0.00
BETHLEHEM___STEEL 23779	11.76 -0.54 -3.26	1.93 0.21 -5.18	3.50 0.07 -4.55	16.24 -1.20 0.00	13.83 -0.95 0.00	10.00 -0.52 0.00	8.45 -0.45 0.00	10.14 -0.46 0.00	6.79 -0.26 0.00	8.34 -0.36 0.00	9.14 -0.43 0.00	14.27 -0.76 0.00	16.60 -1.07 0.23	17.33 -1.53 8.01	27.48 -2.04 2.67	22.00 -1.68 3.68	27.06 -2.20 2.01	35.06 -2.77 0.01	157.02 -11.47 1.63	283.67 -21.09 0.00	115.78 -6.66 -28.75	80.56 -4.11 -25.58	43.02 -3.54 0.00	39.19 -2.60 0.00
BETHLHEM_115KV_TB1 79974	29.28 0.29 -19.95	28.18 -0.11 -31.76	26.72 -0.03 -27.87	18.00 0.56 0.00	15.24 0.45 0.00	10.83 0.30 0.00	9.12 0.22 0.00	10.83 0.23 0.00	7.15 0.10 0.00	8.75 0.06 0.00	9.66 0.08 0.00	15.20 0.16 0.00	18.11 0.22 0.00	27.26 0.38 0.00	32.66 0.47 0.00	27.74 0.37 0.00	31.81 0.54 0.00	38.33 0.50 0.00	171.99 1.87 0.00	307.45 2.69 0.00	94.46 0.77 0.00	59.63 0.54 0.00	47.07 0.51 0.00	42.24 0.45 0.00
BETHPAGE_CC_5 323564	29.08 0.84 -19.19	24.04 -0.31 -27.82	23.20 -0.10 -24.41	18.90 1.46 0.00	15.98 1.20 0.00	11.41 0.89 0.00	9.61 0.71 0.00	11.44 0.84 0.00	11.56 0.59 -3.92	9.43 0.72 -0.01	10.35 0.77 0.00	30.70 1.30 -14.36	42.12 1.53 -22.69	37.25 2.50 -7.88	36.28 3.20 -0.90	35.53 2.84 -5.32	37.81 3.06 -3.48	41.59 3.75 -0.01	185.55 15.43 0.00	329.88 25.12 0.00	100.80 7.12 0.00	63.44 4.35 0.00	50.19 3.62 0.00	44.77 2.97 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	11.81 -0.53 -3.29	1.98 0.21 -5.24	3.55 0.07 -4.60	16.27 -1.17 0.00	13.84 -0.94 0.00	10.01 -0.51 0.00	8.47 -0.44 0.00	10.15 -0.45 0.00	6.80 -0.26 0.00	8.35 -0.35 0.00	9.16 -0.42 0.00	14.29 -0.75 0.00	16.64 -1.04 0.21	17.80 -1.48 7.60	27.68 -1.97 2.54	22.24 -1.64 3.49	27.23 -2.13 1.90	35.15 -2.68 0.00	157.59 -10.97 1.55	284.32 -20.44 0.00	114.83 -6.46 -27.61	79.64 -4.02 -24.57	43.10 -3.46 0.00	39.26 -2.53 0.00

BINGHAMTON___COGEN 23790	15.27 0.04 -6.18	6.36 -0.01 -9.84	7.52 -0.01 -8.64	17.51 0.07 0.00	14.84 0.06 0.00	10.60 0.07 0.00	8.96 0.05 0.00	10.64 0.04 0.00	7.06 0.00 0.00	8.67 -0.03 0.00	9.53 -0.05 0.00	14.96 -0.08 0.00	17.78 -0.12 0.00	26.71 -0.16 0.00	32.01 -0.17 0.00	27.32 -0.04 0.00	31.23 -0.04 0.00	38.01 0.04 -0.13	171.85 1.12 -0.61	308.64 1.69 -2.19	99.59 0.17 -5.74	62.90 -0.02 -3.84	46.47 -0.09 0.00	41.74 -0.05 0.00
BIXINCNT_115KV_LOAD 355685	11.95 -0.55 -3.46	2.24 0.21 -5.51	3.79 0.07 -4.83	16.27 -1.17 0.00	13.82 -0.95 0.00	10.01 -0.52 0.00	8.51 -0.40 0.00	10.18 -0.42 0.00	6.81 -0.24 0.00	8.37 -0.33 0.00	9.17 -0.40 0.00	14.29 -0.74 0.00	16.75 -0.99 0.15	20.11 -1.40 5.37	28.46 -1.94 1.79	23.38 -1.52 2.47	28.08 -1.85 1.35	35.55 -2.28 0.00	160.44 -8.59 1.10	288.50 -16.26 0.00	111.60 -5.34 -23.25	76.39 -3.39 -20.69	43.56 -3.00 0.00	39.48 -2.32 0.00
BLACK RIVER___HYD 24047	9.59 -0.53 -1.07	-1.56 0.21 -1.71	0.44 0.06 -1.50	16.50 -0.94 0.00	14.13 -0.65 0.00	10.12 -0.40 0.00	8.64 -0.27 0.00	10.36 -0.24 0.00	6.93 -0.13 0.00	8.45 -0.26 0.00	9.19 -0.38 0.00	14.18 -0.85 0.00	16.78 -1.12 0.00	25.00 -1.88 0.00	30.16 -2.04 0.00	25.94 -1.42 0.00	29.71 -1.56 0.00	36.53 -1.56 -0.26	166.30 -5.02 -1.20	307.97 -1.09 -4.30	98.40 0.72 -4.00	60.52 0.38 -1.05	46.60 0.03 -0.01	41.62 -0.18 0.00
BLACKRVR_115KV_TB2 79977	9.59 -0.53 -1.07	-1.56 0.21 -1.71	0.44 0.06 -1.50	16.50 -0.94 0.00	14.13 -0.65 0.00	10.12 -0.40 0.00	8.64 -0.27 0.00	10.36 -0.24 0.00	6.93 -0.13 0.00	8.45 -0.26 0.00	9.19 -0.38 0.00	14.18 -0.85 0.00	16.78 -1.12 0.00	25.00 -1.88 0.00	30.16 -2.04 0.00	25.95 -1.42 0.00	29.71 -1.56 0.00	36.53 -1.56 -0.26	166.30 -5.02 -1.20	307.97 -1.09 -4.30	98.40 0.72 -4.00	60.51 0.37 -1.05	46.60 0.03 -0.01	41.62 -0.17 0.00
BLISS_WT_PWR 323608	11.92 -0.58 -3.46	2.25 0.22 -5.51	3.79 0.08 -4.83	16.21 -1.23 0.00	13.77 -1.01 0.00	9.97 -0.55 0.00	8.49 -0.42 0.00	10.16 -0.44 0.00	6.80 -0.25 0.00	8.36 -0.34 0.00	9.16 -0.41 0.00	14.26 -0.78 0.00	16.73 -1.02 0.15	20.08 -1.43 5.37	28.42 -1.98 1.79	23.37 -1.53 2.47	28.11 -1.81 1.35	35.58 -2.25 0.00	160.51 -8.51 1.10	288.37 -16.39 0.00	111.76 -5.18 -23.25	76.78 -3.01 -20.69	43.58 -2.98 0.00	39.44 -2.36 0.00
BLUESTONE___WT_PWR 323821	18.05 0.18 -8.82	10.48 -0.09 -14.05	11.16 -0.04 -12.32	18.14 0.70 0.00	15.42 0.64 0.00	10.99 0.47 0.00	9.22 0.31 0.00	10.99 0.38 0.00	7.26 0.20 0.00	8.92 0.21 0.00	9.73 0.15 0.00	15.16 0.13 0.00	18.01 0.11 0.00	27.03 0.16 0.00	32.21 0.02 0.00	27.65 0.28 0.00	32.03 0.76 0.00	39.38 1.45 -0.09	179.66 9.12 -0.42	325.20 18.94 -1.50	103.00 5.57 -3.75	64.43 2.88 -2.46	48.96 2.40 0.00	43.72 1.93 0.00
BLUE_CIRC_CHEM_DRP 24182	29.13 0.35 -19.73	27.81 -0.13 -31.42	26.41 -0.04 -27.56	18.10 0.66 0.00	15.32 0.55 0.00	10.90 0.37 0.00	9.18 0.27 0.00	10.87 0.27 0.00	7.17 0.11 0.00	8.79 0.09 0.00	9.69 0.11 0.00	15.24 0.20 0.00	18.18 0.28 0.00	27.36 0.48 0.00	32.77 0.58 0.00	27.85 0.48 0.00	31.90 0.63 0.00	38.50 0.67 0.00	173.09 2.98 0.00	310.01 5.25 0.00	95.37 1.68 0.00	60.23 1.14 0.00	47.56 1.00 0.00	42.67 0.87 0.00
BOC_GAS_DRP 24189	29.19 0.29 -19.85	28.03 -0.11 -31.62	26.59 -0.04 -27.74	17.99 0.55 0.00	15.23 0.45 0.00	10.83 0.31 0.00	9.14 0.23 0.00	10.85 0.26 0.00	7.19 0.13 0.00	8.82 0.12 0.00	9.73 0.15 0.00	15.30 0.26 0.00	18.24 0.34 0.00	27.43 0.56 0.00	32.88 0.69 0.00	27.95 0.58 0.00	32.01 0.74 0.00	38.64 0.81 0.00	173.34 3.22 0.00	309.47 4.70 0.00	95.10 1.41 0.00	60.02 0.93 0.00	47.39 0.82 0.00	42.51 0.71 0.00
BOONVILLE_115KV_TB1 79983	9.73 -0.11 -0.80	-2.15 0.05 -1.27	0.02 0.01 -1.12	17.25 -0.19 0.00	14.70 -0.08 0.00	10.51 -0.02 0.00	8.93 0.02 0.00	10.65 0.06 0.00	7.10 0.05 0.00	8.71 0.01 0.00	9.49 -0.09 0.00	14.73 -0.31 0.00	17.47 -0.43 0.00	26.18 -0.70 0.00	31.49 -0.70 0.00	26.96 -0.40 0.00	30.92 -0.35 0.00	37.84 -0.09 -0.10	172.23 1.66 -0.46	314.10 7.70 -1.63	98.00 2.80 -1.52	61.12 1.64 -0.40	47.69 1.12 0.00	42.66 0.86 0.00
BORALEX_4TH_BRANCH 23824	29.50 0.39 -20.06	28.33 -0.15 -31.95	26.87 -0.04 -28.03	18.13 0.69 0.00	15.30 0.52 0.00	10.89 0.37 0.00	9.21 0.30 0.00	10.92 0.32 0.00	7.16 0.10 0.00	8.77 0.07 0.00	9.68 0.11 0.00	15.20 0.17 0.00	18.21 0.31 0.00	27.40 0.52 0.00	32.73 0.54 0.00	27.75 0.38 0.00	32.02 0.75 0.00	38.64 0.81 0.00	173.43 3.31 0.00	311.16 6.40 0.00	95.92 2.23 0.00	60.67 1.58 0.00	48.06 1.50 0.00	43.04 1.24 0.00
BOWLINE___1 23526	26.89 0.65 -17.19	23.66 -0.24 -27.37	22.82 -0.08 -24.02	18.56 1.12 0.00	15.71 0.93 0.00	11.22 0.69 0.00	9.44 0.53 0.00	11.24 0.64 0.00	7.47 0.41 0.00	9.21 0.50 0.00	10.15 0.58 0.00	16.02 0.99 0.00	18.16 1.19 0.93	28.15 1.89 0.63	34.47 2.44 0.15	28.71 2.24 0.90	33.23 2.55 0.59	40.98 3.15 0.00	184.08 13.97 0.00	327.75 22.99 0.00	100.12 6.44 0.00	62.78 3.70 0.00	49.47 2.91 0.00	44.21 2.42 0.00
BOWLINE___2 23595	26.89 0.65 -17.19	23.66 -0.24 -27.37	22.82 -0.08 -24.02	18.56 1.12 0.00	15.71 0.93 0.00	11.22 0.69 0.00	9.44 0.53 0.00	11.24 0.64 0.00	7.47 0.41 0.00	9.21 0.50 0.00	10.15 0.58 0.00	16.02 0.99 0.00	18.16 1.19 0.93	28.15 1.89 0.63	34.47 2.44 0.15	28.71 2.24 0.90	33.23 2.55 0.59	40.98 3.15 0.00	184.08 13.97 0.00	327.75 22.99 0.00	100.12 6.44 0.00	62.78 3.70 0.00	49.47 2.91 0.00	44.21 2.42 0.00
BRADY___115KV_TB2 356060	8.88 -0.17 0.00	-3.41 0.06 0.00	-1.10 0.02 0.00	17.13 -0.30 0.00	14.54 -0.23 0.00	10.39 -0.13 0.00	8.83 -0.08 0.00	10.48 -0.12 0.00	7.02 -0.04 0.00	8.69 -0.01 0.00	9.56 -0.02 0.00	14.94 -0.09 0.00	17.76 -0.14 0.00	26.51 -0.37 0.00	31.72 -0.47 0.00	26.82 -0.54 0.00	30.66 -0.61 0.00	37.18 -0.65 0.00	166.88 -3.24 0.00	301.62 -3.14 0.00	93.42 -0.26 0.00	58.91 -0.18 0.00	46.38 -0.19 0.00	41.70 -0.10 0.00
BRANSCOMB___SOLAR 323811	29.92 0.45 -20.42	28.87 -0.18 -32.52	27.36 -0.06 -28.53	18.29 0.85 0.00	15.47 0.68 0.00	11.00 0.48 0.00	9.30 0.39 0.00	11.01 0.40 0.00	7.22 0.16 0.00	8.86 0.16 0.00	9.78 0.20 0.00	15.39 0.35 0.00	18.37 0.48 0.00	27.58 0.70 0.00	33.08 0.89 0.00	28.03 0.67 0.00	32.34 1.07 0.00	39.17 1.34 0.00	176.92 6.80 0.00	318.21 13.45 0.00	98.16 4.47 0.00	61.92 2.83 0.00	48.77 2.21 0.00	43.58 1.78 0.00
BRDGHMPT_69_KV_BK1 55812	28.71 0.72 -18.94	24.09 -0.26 -27.82	23.22 -0.08 -24.41	18.76 1.32 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.62 0.72 0.00	11.55 0.95 0.00	11.18 0.78 -3.35	9.68 0.97 -0.01	10.47 0.89 0.00	28.80 1.48 -12.28	39.51 1.41 -20.20	36.46 2.30 -7.27	35.99 2.90 -0.90	35.10 2.42 -5.32	37.50 2.75 -3.48	41.36 3.52 0.00	183.51 13.39 0.00	326.02 21.26 0.00	99.54 5.85 0.00	62.91 3.82 0.00	49.59 3.03 0.00	43.94 2.14 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	28.89 0.87 -18.97	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.98 1.53 0.00	16.04 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.49 0.90 0.00	11.11 0.63 -3.42	9.48 0.77 -0.01	10.36 0.79 0.00	28.89 1.33 -12.53	39.91 1.52 -20.49	36.72 2.49 -7.34	36.32 3.23 -0.90	35.56 2.88 -5.32	37.84 3.09 -3.48	41.65 3.81 0.00	185.04 14.92 0.00	327.99 23.23 0.00	100.22 6.54 0.00	63.30 4.21 0.00	50.10 3.54 0.00	44.77 2.97 0.00
BRISTLHL_115KV_TB1 79998	10.36 -0.23 -1.55	-0.92 0.09 -2.46	1.07 0.03 -2.16	16.97 -0.47 0.00	14.39 -0.39 0.00	10.26 -0.26 0.00	8.68 -0.23 0.00	10.32 -0.28 0.00	6.86 -0.20 0.00	8.43 -0.28 0.00	9.26 -0.32 0.00	14.53 -0.50 0.00	17.29 -0.61 0.00	25.99 -0.89 0.00	31.11 -1.08 0.00	26.46 -0.91 0.00	30.16 -1.11 -0.60	37.08 -1.35 -2.73	167.22 -5.62 -9.80	305.50 -9.06 -9.11	100.01 -2.78 -9.11	59.73 -1.76 -2.40	45.10 -1.48 -0.02	40.52 -1.27 0.00
BROOKHAVEN___DRP 24191	28.81 0.82 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.95 1.51 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.65 0.75 0.00	11.51 0.91 0.00	11.08 0.67 -3.35	9.52 0.81 -0.01	10.34 0.77 0.00	28.57 1.26 -12.27	39.45 1.36 -20.19	36.42 2.27 -7.27	35.98 2.89 -0.90	35.23 2.54 -5.32	37.65 2.90 -3.48	41.45 3.62 0.00	183.89 13.78 0.00	326.84 22.08 0.00	99.83 6.15 0.00	63.12 4.03 0.00	49.86 3.29 0.00	44.31 2.52 0.00
BROOKLYN_NAVY_YARD 23515	27.23 0.72 -17.46	24.08 -0.26 -27.81	23.20 -0.09 -24.41	18.68 1.24 0.00	15.82 1.04 0.00	11.30 0.78 0.00	9.51 0.60 0.00	11.32 0.72 0.00	7.54 0.49 0.00	9.30 0.61 0.00	10.28 0.70 0.00	16.24 1.21 0.00	26.00 1.42 -6.68	33.63 2.21 -4.54	36.09 2.82 -1.09	36.39 2.57 -6.46	38.45 2.95 -4.23	41.49 3.66 -0.01	186.11 15.99 0.00	330.30 25.54 0.00	100.94 7.25 0.00	63.22 4.13 0.00	49.87 3.31 0.00	44.56 2.77 0.00
BROOKLYN___ARMY_DRP 323595	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 -6.94	26.47 1.63 -4.70	34.09 2.51 -1.14	36.49 3.15 -6.73	36.96 2.86 -4.39	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
BROOME_2_LFGE 323671	15.27 0.04 -6.18	6.36 -0.01 -9.84	7.52 -0.01 -8.64	17.51 0.07 0.00	14.84 0.06 0.00	10.60 0.08 0.00	8.96 0.05 0.00	10.64 0.04 0.00	7.06 0.00 0.00	8.67 -0.03 0.00	9.53 -0.05 0.00	14.96 -0.08 0.00	17.78 -0.12 0.00	26.71 -0.17 0.00	32.01 -0.18 0.00	27.32 -0.05 0.00	31.23 -0.05 0.00	38.01 0.05 -0.13	171.85 1.13 -0.61	308.58 1.63 -2.19	99.59 0.16 -5.74	62.93 0.01 -3.84	46.47 -0.09 0.00	41.74 -0.06 0.00
BROOME___LFGE 323600	15.27 0.04 -6.18	6.36 -0.01 -9.84	7.52 -0.01 -8.64	17.51 0.07 0.00	14.84 0.06 0.00	10.60 0.08 0.00	8.96 0.05 0.00	10.64 0.04 0.00	7.06 0.00 0.00	8.67 -0.03 0.00	9.53 -0.05 0.00	14.96 -0.08 0.00	17.78 -0.12 0.00	26.71 -0.17 0.00	32.01 -0.18 0.00	27.32 -0.05 0.00	31.23 -0.05 0.00	38.01 0.05 -0.13	171.85 1.13 -0.61	308.58 1.63 -2.19	99.59 0.16 -5.74	62.93 0.01 -3.84	46.47 -0.09 0.00	41.74 -0.06 0.00
BROWNFLS_115KV_TB 3_5 80003	9.11 -0.51 -0.57	-2.37 0.19 -0.91	-0.26 0.06 -0.79	16.53 -0.91 0.00	14.09 -0.69 0.00	10.08 -0.44 0.00	8.59 -0.32 0.00	10.27 -0.33 0.00	6.88 -0.18 0.00	8.46 -0.24 0.00	9.24 -0.34 0.00	14.34 -0.69 0.00	17.01 -0.88 0.00	25.42 -1.46 0.00	30.55 -1.64 0.00	25.98 -1.38 0.00	29.72 -1.55 0.00	36.29 -1.66 -0.11	164.06 -6.56 -0.50	299.58 -6.97 -1.80	93.85 -1.50 -1.67	58.52 -1.01 -0.44	45.67 -0.90 0.00	40.98 -0.81 0.00
BROWNSV1_27_KV_LOAD 356125	27.34 0.82 -17.47	24.05 -0.30 -27.82	23.19 -0.10 -24.41	18.85 1.42 0.00	15.96 1.18 0.00	11.40 0.88 0.00	9.60 0.69 0.00	11.43 0.83 0.00	7.62 0.57 0.00	9.41 0.70 0.00	10.38 0.81 0.00	16.41 1.37 0.00	26.49 1.65 -6.94	34.15 2.57 -4.70	36.56 3.23 -1.14	37.02 2.94 -6.72	39.02 3.36 -4.40	41.96 4.12 0.00	188.30 18.18 0.00	334.17 29.41 0.00	102.13 8.45 0.00	63.95 4.86 0.00	50.41 3.84 0.00	45.04 3.25 0.00
BURROWS___LYONSDAL 23803	9.62 -0.23 -0.80	-2.10 0.09 -1.28	0.04 0.03 -1.12	17.05 -0.39 0.00	14.54 -0.23 0.00	10.40 -0.12 0.00	8.86 -0.05 0.00	10.58 -0.01 0.00	7.06 0.00 0.00	8.65 -0.05 0.00	9.41 -0.17 0.00	14.58 -0.46 0.00	17.29 -0.61 0.00	25.90 -0.98 0.00	31.18 -1.00 0.00	26.73 -0.64 0.00	30.67 -0.60 0.00	37.55 -0.39 -0.11	170.81 0.18 -0.51	312.39 5.79 -1.84	97.70 2.31 -1.71	60.86 1.33 -0.45	47.45 0.88 0.00	42.45 0.65 0.00
CAITHNESS_CC_1 323624	28.81 0.82 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.94 1.50 0.00	16.01 1.23 0.00	11.44 0.91 0.00	9.65 0.74 0.00	11.49 0.90 0.00	11.06 0.66 -3.35	9.51 0.79 -0.01	10.34 0.77 0.00	28.57 1.27 -12.27	39.46 1.38 -20.19	36.44 2.29 -7.27	36.01 2.93 -0.90	35.28 2.60 -5.32	37.66 2.91 -3.48	41.45 3.61 -0.01	183.99 13.87 0.00	326.92 22.16 0.00	99.84 6.15 0.00	63.01 3.92 0.00	49.85 3.29 0.00	44.36 2.56 0.00
CALPINE BETH_PAGE_GT4 24209	29.18 0.84 -19.29	24.04 -0.31 -27.82	23.20 -0.10 -24.41	18.90 1.46 0.00	15.99 1.21 0.00	11.42 0.89 0.00	9.62 0.71 0.00	11.45 0.85 0.00	11.78 0.59 -4.14	9.43 0.72 -0.01	10.35 0.77 0.00	31.52 1.31 -15.17	43.11 1.55 -23.66	37.50 2.51 -8.11	36.27 3.19 -0.90	35.52 2.84 -5.32	37.76 3.01 -3.48	41.51 3.67 0.00	185.18 15.06 0.00	329.20 24.44 0.00	100.63 6.95 0.00	63.40 4.31 0.00	50.17 3.61 0.00	44.74 2.95 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.18 0.84 -19.29	24.04 -0.31 -27.82	23.20 -0.10 -24.41	18.90 1.46 0.00	15.99 1.21 0.00	11.42 0.89 0.00	9.62 0.71 0.00	11.45 0.85 0.00	11.78 0.59 -4.14	9.43 0.72 -0.01	10.35 0.77 0.00	31.52 1.31 -15.17	43.10 1.54 -23.66	37.50 2.51 -8.11	36.27 3.19 -0.90	35.52 2.83 -5.32	37.76 3.01 -3.48	41.51 3.67 -0.01	185.18 15.06 0.00	329.26 24.50 0.00	100.60 6.92 0.00	63.34 4.25 0.00	50.18 3.61 0.00	44.74 2.95 0.00
CALPINE_BP_GT1 23823	29.18 0.84 -19.29	24.04 -0.31 -27.82	23.20 -0.10 -24.41	18.90 1.46 0.00	15.99 1.21 0.00	11.42 0.89 0.00	9.62 0.71 0.00	11.45 0.85 0.00	11.78 0.59 -4.14	9.43 0.72 -0.01	10.35 0.77 0.00	31.52 1.31 -15.17	43.10 1.54 -23.66	37.50 2.51 -8.11	36.27 3.19 -0.90	35.52 2.83 -5.32	37.76 3.01 -3.48	41.51 3.67 -0.01	185.18 15.06 0.00	329.26 24.50 0.00	100.60 6.92 0.00	63.34 4.25 0.00	50.18 3.61 0.00	44.74 2.95 0.00
CALSPAN___DRP 24200	11.76 -0.54 -3.26	1.93 0.21 -5.18	3.50 0.07 -4.55	16.24 -1.20 0.00	13.83 -0.95 0.00	10.00 -0.52 0.00	8.45 -0.45 0.00	10.14 -0.46 0.00	6.79 -0.26 0.00	8.34 -0.36 0.00	9.14 -0.43 0.00	14.27 -0.76 0.00	16.60 -1.07 0.23	17.33 -1.53 8.01	27.48 -2.04 2.67	22.00 -1.68 3.68	27.06 -2.20 2.01	35.06 -2.77 0.01	157.02 -11.47 1.63	283.67 -21.09 0.00	115.78 -6.66 -28.75	80.56 -4.11 -25.58	43.02 -3.54 0.00	39.19 -2.60 0.00

CALVERTON___SOLAR 323806	28.80 0.81 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.95 1.51 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.66 0.75 0.00	11.52 0.92 0.00	11.10 0.69 -3.35	9.54 0.83 -0.01	10.35 0.77 0.00	28.57 1.26 -12.28	39.44 1.34 -20.19	36.40 2.25 -7.27	35.93 2.85 -0.90	35.19 2.51 -5.32	37.63 2.88 -3.48	41.46 3.62 -0.01	183.88 13.76 0.00	326.89 22.13 0.00	99.80 6.12 0.00	63.06 3.98 0.00	49.86 3.29 0.00	44.27 2.48 0.00
CANDIGU_WT_PWR 323617	12.85 -0.40 -4.20	3.37 0.14 -6.70	4.81 0.04 -5.88	16.74 -0.70 0.00	14.17 -0.61 0.00	10.13 -0.39 0.00	8.58 -0.32 0.00	10.17 -0.43 0.00	6.76 -0.30 0.00	8.28 -0.43 0.00	9.10 -0.48 0.00	14.21 -0.83 0.00	15.72 -1.03 1.14	-15.02 -1.49 40.41	16.98 -1.72 13.49	7.54 -1.27 18.55	19.75 -1.40 10.12	36.34 -1.54 -0.05	157.38 -4.86 7.88	298.71 -7.31 -1.26	113.57 -2.41 -22.29	76.76 -1.43 -19.10	44.92 -1.65 0.00	40.32 -1.47 0.00
CARR STREET_E_SYR 24060	10.72 -0.09 -1.76	-0.63 0.03 -2.81	1.36 0.01 -2.46	17.24 -0.19 0.00	14.62 -0.16 0.00	10.43 -0.09 0.00	8.82 -0.09 0.00	10.49 -0.11 0.00	6.96 -0.09 0.00	8.55 -0.14 0.00	9.41 -0.17 0.00	14.76 -0.27 0.00	17.57 -0.33 0.00	26.42 -0.46 0.00	31.63 -0.56 0.00	26.92 -0.45 0.00	30.70 -0.57 0.00	37.35 -0.66 -0.18	168.54 -2.42 -0.84	304.08 -3.69 -3.01	95.31 -1.18 -2.80	59.06 -0.77 -0.74	45.83 -0.74 0.00	41.20 -0.59 0.00
CARTHAGE___PAPER 23857	9.50 -0.52 -0.97	-1.72 0.20 -1.55	0.31 0.06 -1.36	16.52 -0.92 0.00	14.14 -0.64 0.00	10.13 -0.39 0.00	8.65 -0.26 0.00	10.36 -0.23 0.00	6.93 -0.12 0.00	8.47 -0.23 0.00	9.22 -0.36 0.00	14.22 -0.81 0.00	16.84 -1.06 0.00	25.13 -1.75 0.00	30.31 -1.88 0.00	26.02 -1.34 0.00	29.83 -1.44 0.00	36.63 -1.43 -0.22	166.55 -4.58 -1.02	307.39 -1.04 -3.67	97.70 0.60 -3.41	60.29 0.31 -0.90	46.61 0.03 -0.01	41.67 -0.13 0.00
CASSADAGA_WT_PWR 323784	11.87 -0.60 -3.42	2.21 0.24 -5.45	3.74 0.08 -4.78	16.21 -1.24 0.00	13.85 -0.93 0.00	10.06 -0.46 0.00	8.52 -0.39 0.00	10.27 -0.34 0.00	6.88 -0.18 0.00	8.52 -0.18 0.00	9.38 -0.19 0.00	14.69 -0.34 0.00	17.13 -0.60 0.17	20.11 -0.79 5.98	29.02 -1.17 2.00	23.75 -0.87 2.75	28.54 -1.23 1.50	36.34 -1.49 0.00	163.42 -5.48 1.22	294.59 -10.17 0.00	116.34 -3.25 -25.90	80.18 -1.96 -23.05	44.08 -2.48 0.00	39.16 -2.64 0.00
CE_DUNWOOD___DRP 24194	27.20 0.70 -17.46	24.07 -0.26 -27.80	23.19 -0.09 -24.39	18.65 1.21 0.00	15.78 1.00 0.00	11.27 0.74 0.00	9.49 0.58 0.00	11.29 0.69 0.00	7.51 0.46 0.00	9.26 0.56 0.00	10.21 0.64 0.00	16.12 1.09 0.00	17.75 1.31 1.46	27.96 2.06 0.99	34.58 2.63 0.24	28.35 2.40 1.41	33.09 2.74 0.92	41.21 3.38 0.00	184.90 14.79 0.00	328.69 23.93 0.00	100.48 6.80 0.00	63.04 3.95 0.00	49.67 3.11 0.00	44.39 2.59 0.00
CE_MILLWOOD___DRP 24193	27.15 0.68 -17.43	24.03 -0.25 -27.75	23.15 -0.08 -24.34	18.62 1.18 0.00	15.75 0.97 0.00	11.25 0.72 0.00	9.47 0.56 0.00	11.27 0.67 0.00	7.49 0.44 0.00	9.24 0.53 0.00	10.19 0.61 0.00	16.08 1.04 0.00	17.98 1.26 1.17	28.07 1.98 0.79	34.53 2.53 0.19	28.55 2.32 1.13	33.18 2.66 0.74	41.11 3.27 0.00	184.50 14.38 0.00	328.02 23.26 0.00	100.28 6.60 0.00	62.92 3.84 0.00	49.58 3.01 0.00	44.30 2.51 0.00
CE_NYC2_DRP 24202	27.30 0.78 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.90 1.12 0.00	11.36 0.84 0.00	9.57 0.66 0.00	11.38 0.78 0.00	7.59 0.53 0.00	9.36 0.66 0.00	10.33 0.75 0.00	16.32 1.28 0.00	26.10 1.52 -6.68	33.74 2.34 -4.52	36.22 2.94 -1.09	36.52 2.69 -6.46	38.56 3.06 -4.23	41.56 3.72 0.00	186.20 16.08 0.00	330.41 25.65 0.00	101.04 7.35 0.00	63.32 4.23 0.00	49.97 3.40 0.00	44.66 2.86 0.00
CE_NYC_DRP 24195	27.28 0.76 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.76 1.32 0.00	15.88 1.10 0.00	11.34 0.82 0.00	9.55 0.64 0.00	11.37 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.30 1.27 0.00	26.41 1.52 -6.99	33.98 2.37 -4.73	36.33 3.00 -1.14	36.86 2.73 -6.77	38.81 3.11 -4.42	41.65 3.82 0.00	186.91 16.79 0.00	331.59 26.84 0.00	101.34 7.65 0.00	63.46 4.37 0.00	50.03 3.46 0.00	44.69 2.90 0.00
CHAFFEE___LFGE 323603	11.88 -0.52 -3.36	2.08 0.21 -5.34	3.64 0.07 -4.69	16.28 -1.16 0.00	13.86 -0.92 0.00	10.02 -0.50 0.00	8.47 -0.44 0.00	10.16 -0.43 0.00	6.81 -0.25 0.00	8.35 -0.35 0.00	9.16 -0.41 0.00	14.30 -0.74 0.00	16.68 -1.03 0.19	18.77 -1.43 6.68	28.02 -1.94 2.23	22.71 -1.58 3.07	27.51 -2.09 1.67	35.21 -2.62 0.00	158.00 -10.75 1.36	284.58 -20.18 0.00	113.56 -6.18 -26.05	78.74 -3.53 -23.18	43.20 -3.36 0.00	39.32 -2.48 0.00
CHATEAUG_35_KV_LOAD 355732	8.69 -0.35 0.00	-3.34 0.13 0.00	-1.07 0.04 0.00	16.87 -0.57 0.00	14.32 -0.46 0.00	10.22 -0.30 0.00	8.72 -0.19 0.00	10.36 -0.23 0.00	6.96 -0.10 0.00	8.66 -0.05 0.00	9.55 -0.03 0.00	14.99 -0.05 0.00	17.82 -0.08 0.00	26.63 -0.25 0.00	31.81 -0.38 0.00	26.93 -0.43 0.00	30.75 -0.52 0.00	37.32 -0.51 0.00	168.07 -2.05 0.00	302.13 -2.63 0.00	93.15 -0.53 0.00	58.67 -0.42 0.00	46.21 -0.36 0.00	41.39 -0.40 0.00
CHATEAUG_WT_PWR 323614	8.69 -0.35 0.00	-3.34 0.13 0.00	-1.07 0.04 0.00	16.88 -0.56 0.00	14.32 -0.46 0.00	10.23 -0.29 0.00	8.73 -0.18 0.00	10.38 -0.22 0.00	6.96 -0.09 0.00	8.66 -0.04 0.00	9.56 -0.02 0.00	15.00 -0.04 0.00	17.84 -0.06 0.00	26.65 -0.23 0.00	31.83 -0.36 0.00	26.95 -0.42 0.00	30.78 -0.49 0.00	37.36 -0.48 0.00	168.24 -1.88 0.00	302.26 -2.50 0.00	93.07 -0.61 0.00	58.59 -0.49 0.00	46.20 -0.36 0.00	41.38 -0.42 0.00
CHAT_HIGH_FALL_HYD 323578	8.69 -0.35 0.00	-3.34 0.13 0.00	-1.07 0.04 0.00	16.87 -0.57 0.00	14.32 -0.46 0.00	10.22 -0.30 0.00	8.72 -0.19 0.00	10.36 -0.23 0.00	6.96 -0.10 0.00	8.66 -0.05 0.00	9.55 -0.03 0.00	14.99 -0.05 0.00	17.82 -0.08 0.00	26.63 -0.25 0.00	31.81 -0.38 0.00	26.93 -0.43 0.00	30.75 -0.52 0.00	37.32 -0.51 0.00	168.07 -2.05 0.00	302.13 -2.63 0.00	93.15 -0.53 0.00	58.67 -0.42 0.00	46.21 -0.36 0.00	41.39 -0.40 0.00
CHAUTAUQUA___LFGE 323629	11.90 -0.51 -3.36	2.07 0.20 -5.34	3.64 0.06 -4.69	16.37 -1.07 0.00	13.96 -0.82 0.00	10.11 -0.41 0.00	8.56 -0.35 0.00	10.28 -0.33 0.00	6.88 -0.18 0.00	8.47 -0.23 0.00	9.32 -0.26 0.00	14.58 -0.46 0.20	16.96 -0.73 7.19	18.66 -1.02 2.40	28.36 -1.42 2.40	22.97 -1.09 3.30	27.96 -1.51 1.80	35.97 -1.86 0.00	161.60 -7.05 1.47	291.29 -13.47 0.00	117.37 -4.28 -27.97	81.47 -2.51 -24.89	43.87 -2.69 0.00	39.42 -2.37 0.00
CHERRYST_13_KV_LD 356241	27.30 0.79 -17.47	24.06 -0.29 -27.82	23.19 -0.10 -24.41	18.81 1.37 0.00	15.92 1.14 0.00	11.37 0.85 0.00	9.58 0.67 0.00	11.41 0.81 0.00	7.60 0.55 0.00	9.39 0.68 0.00	10.36 0.78 0.00	16.36 1.33 0.00	26.48 1.59 -6.99	34.09 2.48 -4.73	36.47 3.13 -1.14	36.97 2.84 -6.77	38.94 3.24 -4.42	41.82 3.98 0.00	187.63 17.51 0.00	332.82 28.06 0.00	101.72 8.03 0.00	63.68 4.59 0.00	50.18 3.62 0.00	44.83 3.03 0.00

CHESTROR_138KV_BK263 355645	26.42 0.59 -16.78	23.03 -0.22 -26.72	22.26 -0.07 -23.45	18.47 1.03 0.00	15.63 0.85 0.00	11.16 0.63 0.00	9.39 0.48 0.00	11.17 0.57 0.00	7.42 0.36 0.00	9.14 0.43 0.00	10.07 0.49 0.00	15.88 0.84 0.00	18.36 1.03 0.57	28.12 1.63 0.38	34.19 2.09 0.09	28.77 1.96 0.55	33.17 2.26 0.36	40.66 2.83 0.00	182.71 12.59 0.00	325.53 20.77 0.00	99.58 5.90 0.00	62.48 3.40 0.00	49.21 2.64 0.00	43.96 2.17 0.00
CH_MIDHUDSON___DRP 24192	27.39 0.64 -17.71	24.48 -0.24 -28.19	23.54 -0.08 -24.73	18.57 1.13 0.00	15.72 0.94 0.00	11.20 0.68 0.00	9.44 0.53 0.00	11.22 0.62 0.00	7.45 0.39 0.00	9.16 0.46 0.00	10.11 0.53 0.00	15.93 0.90 0.00	19.00 1.10 0.00	28.62 1.74 0.00	34.44 2.25 0.00	29.45 2.08 0.00	33.71 2.45 0.00	40.90 3.07 0.00	183.54 13.43 0.00	326.45 21.69 0.00	99.95 6.27 0.00	62.75 3.66 0.00	49.42 2.85 0.00	44.14 2.34 0.00
CH_MISC_IPPS 23765	27.24 0.70 -17.50	24.14 -0.26 -27.87	23.25 -0.08 -24.45	18.65 1.21 0.00	15.79 1.01 0.00	11.26 0.73 0.00	9.48 0.57 0.00	11.27 0.68 0.00	7.49 0.43 0.00	9.21 0.51 0.00	10.16 0.59 0.00	16.02 0.99 0.00	19.11 1.22 0.00	28.79 1.91 0.00	34.66 2.47 0.00	29.66 2.29 0.00	33.97 2.70 0.00	41.24 3.41 0.00	185.34 15.22 0.00	329.71 24.96 0.00	100.87 7.19 0.00	63.27 4.18 0.00	49.80 3.24 0.00	44.46 2.67 0.00
CH_RES_BVR_FALLS 23983	8.94 -0.11 0.00	-3.44 0.04 0.00	-1.10 0.01 0.00	17.27 -0.17 0.00	14.64 -0.14 0.00	10.44 -0.09 0.00	8.85 -0.06 0.00	10.53 -0.07 0.00	7.03 -0.03 0.00	8.67 -0.03 0.00	9.54 -0.04 0.00	14.97 -0.07 0.00	17.81 -0.09 0.00	26.71 -0.16 0.00	31.99 -0.19 0.00	27.19 -0.18 0.00	31.07 -0.20 0.00	37.62 -0.21 0.00	169.11 -1.01 0.00	303.19 -1.57 0.00	93.27 -0.41 0.00	58.82 -0.27 0.00	46.37 -0.20 0.00	41.61 -0.18 0.00
CH_RES_NIAGARA 23895	11.35 -0.70 -3.00	1.57 0.27 -4.78	3.17 0.08 -4.19	15.99 -1.45 0.00	13.62 -1.16 0.00	9.86 -0.66 0.00	8.32 -0.59 0.00	10.01 -0.59 0.00	6.71 -0.35 0.00	8.22 -0.48 0.00	9.01 -0.57 0.00	14.05 -0.99 0.00	16.37 -1.35 0.18	18.61 -1.97 6.30	27.51 -2.57 2.10	22.30 -2.17 2.89	26.81 -2.88 1.58	34.11 -3.72 0.00	144.00 -16.26 9.86	258.63 -30.00 16.13	41.31 -9.28 43.10	28.72 -5.66 24.70	41.85 -4.71 0.00	38.35 -3.44 0.00
CH_RES_SYRACUSE 23985	10.97 -0.04 -1.96	-0.33 0.01 -3.12	1.63 0.00 -2.74	17.34 -0.10 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.54 -0.06 0.00	6.99 -0.07 0.00	8.59 -0.11 0.00	9.44 -0.13 0.00	14.81 -0.23 0.00	17.62 -0.27 0.00	26.52 -0.36 0.00	31.75 -0.44 0.00	27.03 -0.33 0.00	30.83 -0.44 0.00	37.67 -0.49 -0.33	170.17 -1.48 -1.53	308.45 -0.53 -5.48	98.25 -0.35 -5.09	60.08 -0.35 -1.34	46.15 -0.43 -0.01	41.45 -0.35 0.00
CLINTON_WT_PWR 323605	8.69 -0.35 0.00	-3.34 0.13 0.00	-1.07 0.04 0.00	16.88 -0.56 0.00	14.32 -0.46 0.00	10.23 -0.29 0.00	8.73 -0.18 0.00	10.38 -0.22 0.00	6.96 -0.09 0.00	8.66 -0.04 0.00	9.56 -0.02 0.00	15.00 -0.04 0.00	17.84 -0.06 0.00	26.65 -0.23 0.00	31.83 -0.36 0.00	26.95 -0.42 0.00	30.78 -0.49 0.00	37.36 -0.48 0.00	168.24 -1.88 0.00	302.26 -2.50 0.00	93.07 -0.61 0.00	58.59 -0.49 0.00	46.20 -0.36 0.00	41.38 -0.42 0.00
CLINTON___LFGE 323618	8.76 -0.29 0.00	-3.38 0.10 0.00	-1.08 0.03 0.00	17.02 -0.42 0.00	14.44 -0.34 0.00	10.32 -0.20 0.00	8.81 -0.10 0.00	10.46 -0.14 0.00	6.99 -0.07 0.00	8.71 0.01 0.00	9.61 0.04 0.00	15.10 0.06 0.00	17.98 0.08 0.00	26.82 -0.06 0.00	31.99 -0.19 0.00	27.08 -0.28 0.00	30.98 -0.29 0.00	37.61 -0.23 0.00	169.58 -0.54 0.00	305.13 0.37 0.00	94.09 0.41 0.00	59.13 0.05 0.00	46.64 0.08 0.00	41.75 -0.04 0.00
COBBLENY_34_KV_TB1 80064	11.88 -0.52 -3.36	2.08 0.21 -5.34	3.64 0.07 -4.69	16.28 -1.16 0.00	13.86 -0.92 0.00	10.02 -0.50 0.00	8.47 -0.44 0.00	10.16 -0.43 0.00	6.81 -0.25 0.00	8.35 -0.35 0.00	9.16 -0.41 0.00	14.30 -0.74 0.00	16.67 -1.04 0.19	18.73 -1.47 6.68	27.99 -1.97 2.23	22.68 -1.62 3.07	27.49 -2.11 1.67	35.19 -2.64 0.00	157.96 -10.79 1.36	284.92 -19.84 0.00	113.45 -6.28 -26.05	78.38 -3.89 -23.18	43.19 -3.37 0.00	39.33 -2.47 0.00
COFFEEN___115KV_TB3 355620	9.64 -0.49 -1.09	-1.54 0.20 -1.73	0.47 0.06 -1.52	16.55 -0.89 0.00	14.16 -0.62 0.00	10.15 -0.38 0.00	8.66 -0.25 0.00	10.37 -0.23 0.00	6.94 -0.12 0.00	8.46 -0.24 0.00	9.21 -0.37 0.00	14.22 -0.81 0.00	16.80 -1.10 0.00	25.02 -1.86 0.00	30.15 -2.04 0.00	25.94 -1.43 0.00	29.69 -1.58 0.00	36.51 -1.59 -0.27	166.42 -4.93 -1.23	308.49 -0.68 -4.41	98.68 0.90 -4.10	60.66 0.49 -1.08	46.68 0.11 -0.01	41.66 -0.13 0.00
COLDSPRG_115KV_BK1 355956	12.19 -0.38 -3.52	2.28 0.15 -5.60	3.85 0.05 -4.91	16.63 -0.81 0.00	14.17 -0.61 0.00	10.26 -0.26 0.00	8.70 -0.21 0.00	10.42 -0.17 0.00	6.98 -0.08 0.00	8.59 -0.11 0.00	9.44 -0.13 0.00	14.76 -0.28 0.00	17.30 -0.48 0.11	22.16 -0.65 4.07	29.80 -1.02 1.36	24.71 -0.79 1.87	29.12 -1.13 1.02	36.49 -1.34 0.00	164.85 -4.44 0.83	296.38 -8.38 0.00	113.34 -2.99 -22.64	77.17 -2.06 -20.15	44.50 -2.07 0.00	40.04 -1.76 0.00
COLONIE_LFGE___ 323577	29.63 0.35 -20.23	28.61 -0.14 -32.22	27.11 -0.04 -28.26	18.09 0.65 0.00	15.29 0.52 0.00	10.88 0.36 0.00	9.19 0.28 0.00	10.90 0.30 0.00	7.18 0.12 0.00	8.80 0.10 0.00	9.70 0.13 0.00	15.26 0.23 0.00	18.24 0.34 0.00	27.43 0.55 0.00	32.83 0.65 0.00	27.86 0.49 0.00	32.08 0.81 0.00	38.73 0.90 0.00	174.16 4.04 0.00	312.26 7.50 0.00	96.08 2.39 0.00	60.66 1.57 0.00	47.91 1.35 0.00	42.90 1.10 0.00
COOPERNY_115KV_TB1 80082	24.13 0.52 -14.56	19.51 -0.19 -23.18	19.16 -0.07 -20.34	18.36 0.92 0.00	15.54 0.76 0.00	11.08 0.56 0.00	9.34 0.43 0.00	11.11 0.51 0.00	7.38 0.32 0.00	9.08 0.38 0.00	10.00 0.43 0.00	15.77 0.73 0.00	18.51 0.87 0.26	28.07 1.37 0.17	33.90 1.75 0.04	28.75 1.64 0.25	33.01 1.90 0.16	40.24 2.41 0.00	180.94 10.82 0.00	322.39 17.63 0.00	98.67 4.98 0.00	61.98 2.89 0.00	48.84 2.27 0.00	43.67 1.87 0.00
COPENHAGEN_WT_PWR 323753	9.56 -0.60 -1.12	-1.46 0.23 -1.78	0.52 0.07 -1.56	16.38 -1.05 0.00	14.05 -0.72 0.00	10.08 -0.45 0.00	8.61 -0.30 0.00	10.34 -0.26 0.00	6.91 -0.15 0.00	8.41 -0.29 0.00	9.15 -0.42 0.00	14.14 -0.90 0.00	16.74 -1.15 0.00	24.97 -1.91 0.00	30.12 -2.07 0.00	25.96 -1.41 0.00	29.73 -1.53 0.00	36.56 -1.55 -0.28	166.16 -5.24 -1.28	307.38 -1.98 -4.61	98.33 0.36 -4.28	60.39 0.17 -1.13	46.47 -0.10 -0.01	41.53 -0.27 0.00
CORNELL_____ 23752	13.50 0.11 -4.34	3.40 -0.04 -6.92	4.94 -0.01 -6.07	17.64 0.20 0.00	14.96 0.18 0.00	10.68 0.16 0.00	9.03 0.12 0.00	10.70 0.11 0.00	7.06 0.01 0.00	8.65 -0.05 0.00	9.48 -0.10 0.00	14.83 -0.21 0.00	17.68 -0.28 -0.06	28.81 -0.37 -2.30	32.54 -0.41 -0.77	28.20 -0.22 -1.06	31.60 -0.24 -0.58	37.98 -0.04 -0.18	173.45 2.03 -1.31	313.84 6.12 -2.97	101.89 1.84 -6.36	64.06 1.04 -3.94	47.19 0.62 0.00	42.31 0.52 0.00

CORONA V_69_KV_TB1 355595	30.37 0.81 -20.51	24.05 -0.30 -27.82	23.20 -0.10 -24.41	18.86 1.42 0.00	15.95 1.17 0.00	11.39 0.87 0.00	9.59 0.68 0.00	11.41 0.81 0.00	14.52 0.56 -6.90	9.41 0.68 -0.02	10.34 0.76 0.00	41.63 1.28 -25.31	55.21 1.51 -35.80	40.35 2.43 -11.05	36.20 3.11 -0.90	35.46 2.77 -5.32	37.82 3.07 -3.48	41.63 3.79 0.00	186.14 16.02 0.00	330.93 26.17 0.00	101.12 7.44 0.00	63.55 4.46 0.00	50.15 3.58 0.00	44.77 2.97 0.00
CORTLAND_115KV_TB3 80093	12.58 0.07 -3.47	2.02 -0.03 -5.52	3.72 -0.01 -4.84	17.56 0.11 0.00	14.88 0.10 0.00	10.62 0.10 0.00	8.98 0.07 0.00	10.66 0.07 0.00	7.06 0.00 0.00	8.66 -0.04 0.00	9.50 -0.08 0.00	14.89 -0.14 0.00	17.71 -0.19 0.00	26.62 -0.26 0.00	31.90 -0.29 0.00	27.21 -0.15 0.00	31.09 -0.18 0.00	37.96 -0.06 -0.19	172.03 1.04 -0.87	311.17 3.29 -3.13	97.54 0.95 -2.91	60.35 0.50 -0.77	46.84 0.27 0.00	42.03 0.24 0.00
COXSACKIE__GT 23611	28.96 0.60 -19.31	27.07 -0.21 -30.75	25.81 -0.06 -26.98	18.52 1.08 0.00	15.68 0.90 0.00	11.15 0.63 0.00	9.38 0.47 0.00	11.11 0.52 0.00	7.28 0.22 0.00	8.89 0.19 0.00	9.80 0.22 0.00	15.41 0.37 0.00	18.40 0.50 0.00	27.76 0.88 0.00	33.26 1.08 0.00	28.28 0.91 0.00	32.58 1.31 0.00	39.47 1.63 0.00	175.37 5.26 0.00	314.42 9.66 0.00	98.58 4.90 0.00	62.70 3.61 0.00	49.26 2.69 0.00	43.97 2.18 0.00
CPV_VALLEY__CC1 323721	25.73 0.53 -16.15	22.05 -0.20 -25.72	21.39 -0.07 -22.57	18.37 0.92 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.34 0.43 0.00	11.11 0.51 0.00	7.38 0.32 0.00	9.09 0.39 0.00	10.02 0.44 0.00	15.80 0.76 0.00	18.47 0.92 0.35	28.08 1.44 0.23	33.99 1.86 0.06	28.77 1.74 0.33	33.05 2.00 0.22	40.31 2.47 0.00	181.10 10.99 0.00	322.63 17.87 0.00	98.65 4.97 0.00	61.92 2.84 0.00	48.81 2.24 0.00	43.63 1.84 0.00
CPV_VALLEY__CC2 323722	25.73 0.53 -16.15	22.05 -0.20 -25.72	21.39 -0.07 -22.57	18.37 0.92 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.34 0.43 0.00	11.11 0.51 0.00	7.38 0.32 0.00	9.09 0.39 0.00	10.02 0.44 0.00	15.80 0.76 0.00	18.47 0.92 0.35	28.08 1.44 0.23	33.99 1.86 0.06	28.77 1.74 0.33	33.05 2.00 0.22	40.31 2.47 0.00	181.10 10.99 0.00	322.63 17.87 0.00	98.65 4.97 0.00	61.92 2.84 0.00	48.81 2.24 0.00	43.63 1.84 0.00
CRESCENT__HYD 24018	29.63 0.35 -20.23	28.61 -0.14 -32.22	27.11 -0.04 -28.26	18.09 0.65 0.00	15.29 0.52 0.00	10.88 0.36 0.00	9.19 0.28 0.00	10.90 0.30 0.00	7.18 0.12 0.00	8.80 0.10 0.00	9.70 0.13 0.00	15.26 0.23 0.00	18.24 0.34 0.00	27.43 0.55 0.00	32.83 0.65 0.00	27.86 0.49 0.00	32.08 0.81 0.00	38.73 0.90 0.00	174.16 4.04 0.00	312.26 7.50 0.00	96.08 2.39 0.00	60.66 1.57 0.00	47.91 1.35 0.00	42.90 1.10 0.00
CRICKET__VALLEY_CC1 323756	27.60 0.59 -17.97	24.92 -0.22 -28.61	23.91 -0.07 -25.10	18.47 1.03 0.00	15.64 0.86 0.00	11.14 0.62 0.00	9.37 0.46 0.00	11.14 0.54 0.00	7.38 0.32 0.00	9.07 0.37 0.00	10.02 0.44 0.00	15.78 0.74 0.00	18.81 0.91 0.00	28.30 1.42 0.00	34.03 1.84 0.00	29.09 1.73 0.00	33.31 2.04 0.00	40.38 2.55 0.00	181.27 11.15 0.00	322.10 17.34 0.00	98.75 5.07 0.00	61.97 2.88 0.00	48.91 2.35 0.00	43.64 1.84 0.00
CRICKET__VALLEY_CC2 323757	27.60 0.59 -17.97	24.92 -0.22 -28.61	23.91 -0.07 -25.10	18.47 1.03 0.00	15.64 0.86 0.00	11.14 0.62 0.00	9.37 0.46 0.00	11.14 0.54 0.00	7.38 0.32 0.00	9.07 0.37 0.00	10.02 0.44 0.00	15.78 0.74 0.00	18.81 0.91 0.00	28.30 1.42 0.00	34.03 1.84 0.00	29.09 1.73 0.00	33.31 2.04 0.00	40.38 2.55 0.00	181.27 11.15 0.00	322.10 17.34 0.00	98.75 5.07 0.00	61.97 2.88 0.00	48.91 2.35 0.00	43.64 1.84 0.00
CRICKET__VALLEY_CC3 323758	27.60 0.59 -17.97	24.92 -0.22 -28.61	23.91 -0.07 -25.10	18.47 1.03 0.00	15.64 0.86 0.00	11.14 0.62 0.00	9.37 0.46 0.00	11.14 0.54 0.00	7.38 0.32 0.00	9.07 0.37 0.00	10.02 0.44 0.00	15.78 0.74 0.00	18.81 0.91 0.00	28.30 1.42 0.00	34.03 1.84 0.00	29.09 1.73 0.00	33.31 2.04 0.00	40.38 2.55 0.00	181.27 11.15 0.00	322.10 17.34 0.00	98.75 5.07 0.00	61.97 2.88 0.00	48.91 2.35 0.00	43.64 1.84 0.00
CRUCIBLE_METL_DRP 24180	10.97 -0.04 -1.96	-0.33 0.01 -3.12	1.63 0.00 -2.74	17.34 -0.10 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.54 -0.06 0.00	6.99 -0.07 0.00	8.59 -0.11 0.00	9.44 -0.13 0.00	14.81 -0.23 0.00	17.62 -0.27 0.00	26.52 -0.36 0.00	31.75 -0.44 0.00	27.03 -0.34 0.00	30.83 -0.44 0.00	37.67 -0.50 -0.33	170.17 -1.47 -1.53	308.44 -1.79 -5.48	98.24 -0.53 -5.09	60.05 -0.38 -1.34	46.15 -0.42 -0.01	41.45 -0.35 0.00
DAHOWA__HYDRO 323763	29.98 0.48 -20.45	28.92 -0.19 -32.57	27.40 -0.06 -28.58	18.34 0.90 0.00	15.51 0.73 0.00	11.04 0.51 0.00	9.33 0.42 0.00	11.04 0.44 0.00	7.24 0.18 0.00	8.88 0.18 0.00	9.80 0.23 0.00	15.44 0.41 0.00	18.43 0.53 0.00	27.66 0.78 0.00	33.16 0.97 0.00	28.12 0.75 0.00	32.46 1.20 0.00	39.33 1.50 0.00	177.80 7.68 0.00	320.04 15.29 0.00	98.81 5.13 0.00	62.30 3.22 0.00	49.05 2.48 0.00	43.78 1.99 0.00
DANC__LFGE 323619	9.92 -0.41 -1.29	-1.26 0.16 -2.05	0.74 0.05 -1.80	16.69 -0.75 0.00	14.24 -0.54 0.00	10.19 -0.34 0.00	8.66 -0.24 0.00	10.36 -0.24 0.00	6.90 -0.16 0.00	8.44 -0.27 0.00	9.21 -0.36 0.00	14.34 -0.69 0.00	17.02 -0.88 0.00	25.46 -1.42 0.00	30.62 -1.57 0.00	26.24 -1.13 0.00	29.96 -1.30 0.00	36.77 -1.41 -0.35	166.44 -5.26 -1.59	305.81 -4.64 -5.69	98.13 -0.84 -5.29	59.94 -0.54 -1.40	45.97 -0.60 -0.01	41.20 -0.59 0.00
DANSKAMMER__1 23586	27.24 0.70 -17.50	24.14 -0.26 -27.87	23.25 -0.08 -24.45	18.65 1.21 0.00	15.79 1.01 0.00	11.26 0.73 0.00	9.48 0.57 0.00	11.27 0.68 0.00	7.49 0.43 0.00	9.21 0.51 0.00	10.16 0.59 0.00	16.02 0.99 0.00	19.11 1.22 0.00	28.79 1.91 0.00	34.66 2.47 0.00	29.66 2.29 0.00	33.97 2.70 0.00	41.24 3.41 0.00	185.34 15.22 0.00	329.71 24.96 0.00	100.87 7.19 0.00	63.27 4.18 0.00	49.80 3.24 0.00	44.46 2.67 0.00
DANSKAMMER__2 23589	27.24 0.70 -17.50	24.14 -0.26 -27.87	23.25 -0.08 -24.45	18.65 1.21 0.00	15.79 1.01 0.00	11.26 0.73 0.00	9.48 0.57 0.00	11.27 0.68 0.00	7.49 0.43 0.00	9.21 0.51 0.00	10.16 0.59 0.00	16.02 0.99 0.00	19.11 1.22 0.00	28.79 1.91 0.00	34.66 2.47 0.00	29.66 2.29 0.00	33.97 2.70 0.00	41.24 3.41 0.00	185.34 15.22 0.00	329.71 24.96 0.00	100.87 7.19 0.00	63.27 4.18 0.00	49.80 3.24 0.00	44.46 2.67 0.00
DANSKAMMER__3 23590	27.24 0.70 -17.50	24.14 -0.26 -27.87	23.25 -0.08 -24.45	18.65 1.21 0.00	15.79 1.01 0.00	11.26 0.73 0.00	9.48 0.57 0.00	11.27 0.68 0.00	7.49 0.43 0.00	9.21 0.51 0.00	10.16 0.59 0.00	16.02 0.99 0.00	19.11 1.22 0.00	28.79 1.91 0.00	34.66 2.47 0.00	29.66 2.29 0.00	33.97 2.70 0.00	41.24 3.41 0.00	185.34 15.22 0.00	329.71 24.96 0.00	100.87 7.19 0.00	63.27 4.18 0.00	49.80 3.24 0.00	44.46 2.67 0.00

DANSKAMMER___4 23591	27.24 0.70 -17.50	24.14 -0.26 -27.87	23.25 -0.08 -24.45	18.65 1.21 0.00	15.79 1.01 0.00	11.26 0.73 0.00	9.48 0.57 0.00	11.27 0.68 0.00	7.49 0.43 0.00	9.21 0.51 0.00	10.16 0.59 0.00	16.02 0.99 0.00	19.11 1.22 0.00	28.79 1.91 0.00	34.66 2.47 0.00	29.66 2.29 0.00	33.97 2.70 0.00	41.24 3.41 0.00	185.34 15.22 0.00	329.71 24.96 0.00	100.87 7.19 0.00	63.27 4.18 0.00	49.80 3.24 0.00	44.46 2.67 0.00
DANSKAMMER___DIESEL 23592	27.24 0.69 -17.50	24.14 -0.26 -27.87	23.25 -0.08 -24.45	18.65 1.21 0.00	15.79 1.01 0.00	11.26 0.73 0.00	9.48 0.57 0.00	11.27 0.68 0.00	7.49 0.43 0.00	9.21 0.51 0.00	10.16 0.59 0.00	16.02 0.99 0.00	19.11 1.21 0.00	28.80 1.92 0.00	34.67 2.48 0.00	29.66 2.30 0.00	33.97 2.70 0.00	41.25 3.41 0.00	185.35 15.23 0.00	329.73 24.97 0.00	100.87 7.19 0.00	63.29 4.20 0.00	49.80 3.24 0.00	44.46 2.67 0.00
DARBY___SOLAR 323810	29.92 0.46 -20.42	28.87 -0.18 -32.52	27.36 -0.06 -28.54	18.30 0.86 0.00	15.47 0.70 0.00	11.01 0.49 0.00	9.31 0.40 0.00	11.02 0.42 0.00	7.23 0.17 0.00	8.87 0.17 0.00	9.79 0.21 0.00	15.41 0.37 0.00	18.40 0.50 0.00	27.63 0.75 0.00	33.11 0.92 0.00	28.08 0.71 0.00	32.40 1.13 0.00	39.25 1.42 0.00	177.21 7.09 0.00	318.54 13.77 0.00	98.27 4.58 0.00	61.97 2.89 0.00	48.82 2.26 0.00	43.62 1.83 0.00
DASHVILLE___HYD 23610	27.36 0.57 -17.74	24.57 -0.20 -28.25	23.60 -0.06 -24.78	18.43 0.99 0.00	15.60 0.82 0.00	11.12 0.59 0.00	9.36 0.46 0.00	11.14 0.54 0.00	7.40 0.34 0.00	9.11 0.41 0.00	10.05 0.48 0.00	15.84 0.81 0.00	18.88 0.99 0.00	28.43 1.55 0.00	34.21 2.02 0.00	29.25 1.88 0.00	33.47 2.20 0.00	40.62 2.79 0.00	182.49 12.37 0.00	324.60 19.84 0.00	99.36 5.67 0.00	62.40 3.32 0.00	49.13 2.56 0.00	43.87 2.08 0.00
DELAWARE___LFGE 323621	17.70 0.27 -8.38	9.77 -0.10 -13.34	10.56 -0.04 -11.71	17.98 0.54 0.00	15.23 0.45 0.00	10.85 0.33 0.00	9.16 0.25 0.00	10.89 0.29 0.00	7.23 0.17 0.00	8.90 0.20 0.00	9.78 0.20 0.00	15.36 0.32 0.00	18.27 0.37 0.00	27.44 0.56 0.00	32.90 0.71 0.00	28.08 0.72 0.00	32.12 0.85 0.00	39.06 1.16 -0.06	176.16 5.76 -0.29	315.43 9.64 -1.03	97.31 2.67 -0.96	60.95 1.61 -0.25	47.82 1.26 0.00	42.86 1.07 0.00
DERFIELD_115KV_TB7 355931	9.10 0.06 0.00	-3.50 -0.02 0.00	-1.12 -0.01 0.00	17.54 0.10 0.00	14.87 0.09 0.00	10.59 0.06 0.00	8.96 0.05 0.00	10.65 0.05 0.00	7.07 0.01 0.00	8.71 0.01 0.00	9.58 0.01 0.00	15.05 0.01 0.00	17.91 0.02 0.00	26.91 0.03 0.00	32.23 0.05 0.00	27.42 0.05 0.00	31.33 0.06 0.00	37.92 0.09 0.00	170.63 0.51 0.00	305.68 0.92 0.00	93.96 0.28 0.00	59.27 0.18 0.00	46.71 0.14 0.00	41.93 0.13 0.00
DOGLEVILLE___HYD 23807	9.58 0.53 0.00	-3.66 -0.19 0.00	-1.17 -0.05 0.00	18.37 0.93 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.32 0.41 0.00	10.89 0.30 0.00	7.05 0.00 0.00	8.52 -0.19 0.00	9.45 -0.12 0.00	14.78 -0.26 0.00	17.53 -0.37 0.00	26.43 -0.45 0.00	31.52 -0.67 0.00	26.95 -0.42 0.00	31.34 0.07 0.00	38.54 0.71 0.00	176.14 6.02 0.00	320.55 15.79 0.00	98.78 5.10 0.00	62.24 3.15 0.00	49.29 2.73 0.00	43.86 2.07 0.00
DUNKIRK___115KV_TB_200 55889	11.90 -0.49 -3.35	2.05 0.19 -5.34	3.63 0.06 -4.68	16.40 -1.04 0.00	13.98 -0.80 0.00	10.12 -0.41 0.00	8.56 -0.35 0.00	10.28 -0.33 0.00	6.88 -0.18 0.00	8.47 -0.23 0.00	9.31 -0.27 0.00	14.56 -0.48 0.00	16.94 -0.75 0.21	18.51 -1.06 7.31	28.28 -1.47 2.44	22.87 -1.14 3.36	27.88 -1.56 1.83	35.91 -1.92 0.00	161.34 -7.28 1.49	291.05 -13.71 0.00	117.36 -4.50 -28.17	81.26 -2.90 -25.07	43.82 -2.74 0.00	39.46 -2.33 0.00
DUNKIRK___1 23563	11.90 -0.49 -3.35	2.05 0.19 -5.34	3.63 0.06 -4.68	16.40 -1.04 0.00	13.98 -0.80 0.00	10.12 -0.41 0.00	8.56 -0.35 0.00	10.28 -0.33 0.00	6.88 -0.18 0.00	8.47 -0.23 0.00	9.31 -0.27 0.00	14.56 -0.48 0.00	16.94 -0.75 0.21	18.51 -1.06 7.31	28.28 -1.47 2.44	22.87 -1.14 3.36	27.88 -1.56 1.83	35.91 -1.92 0.00	161.34 -7.28 1.49	291.05 -13.71 0.00	117.36 -4.50 -28.17	81.26 -2.90 -25.07	43.82 -2.74 0.00	39.46 -2.33 0.00
DUNKIRK___2 23564	11.90 -0.49 -3.35	2.05 0.19 -5.34	3.63 0.06 -4.68	16.40 -1.04 0.00	13.98 -0.80 0.00	10.12 -0.41 0.00	8.56 -0.35 0.00	10.28 -0.33 0.00	6.88 -0.18 0.00	8.47 -0.23 0.00	9.31 -0.27 0.00	14.56 -0.48 0.00	16.94 -0.75 0.21	18.51 -1.06 7.31	28.28 -1.47 2.44	22.87 -1.14 3.36	27.88 -1.56 1.83	35.91 -1.92 0.00	161.34 -7.28 1.49	291.05 -13.71 0.00	117.36 -4.50 -28.17	81.26 -2.90 -25.07	43.82 -2.74 0.00	39.46 -2.33 0.00
DUNKIRK___3 23565	11.89 -0.49 -3.34	2.04 0.20 -5.31	3.61 0.06 -4.66	16.38 -1.06 0.00	13.96 -0.82 0.00	10.09 -0.43 0.00	8.54 -0.37 0.00	10.24 -0.36 0.00	6.85 -0.20 0.00	8.43 -0.27 0.00	9.26 -0.32 0.00	14.48 -0.56 0.00	16.84 -0.84 0.22	17.86 -1.18 7.84	27.95 -1.62 2.62	22.48 -1.29 3.60	27.58 -1.73 1.96	35.68 -2.14 0.00	160.20 -8.32 1.60	288.98 -15.78 0.00	117.75 -5.16 -29.23	81.80 -3.29 -26.00	43.58 -2.98 0.00	39.41 -2.38 0.00
DUNKIRK___4 23566	11.89 -0.49 -3.34	2.04 0.20 -5.31	3.61 0.06 -4.66	16.38 -1.06 0.00	13.96 -0.82 0.00	10.09 -0.43 0.00	8.54 -0.37 0.00	10.24 -0.36 0.00	6.85 -0.20 0.00	8.43 -0.27 0.00	9.26 -0.32 0.00	14.48 -0.56 0.00	16.84 -0.84 0.22	17.86 -1.18 7.84	27.95 -1.62 2.62	22.48 -1.29 3.60	27.58 -1.73 1.96	35.68 -2.14 0.00	160.20 -8.32 1.60	288.98 -15.78 0.00	117.75 -5.16 -29.23	81.80 -3.29 -26.00	43.58 -2.98 0.00	39.41 -2.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.24 0.72 -17.47	24.08 -0.27 -27.82	23.20 -0.09 -24.41	18.70 1.26 0.00	15.82 1.05 0.00	11.30 0.78 0.00	9.51 0.60 0.00	11.32 0.73 0.00	7.54 0.48 0.00	9.29 0.59 0.00	10.25 0.67 0.00	16.18 1.15 0.00	22.16 1.38 -2.87	30.99 2.16 -1.94	35.41 2.75 -0.47	32.66 2.51 -2.78	35.95 2.86 -1.82	41.34 3.51 0.00	185.40 15.28 0.00	329.31 24.55 0.00	100.65 6.97 0.00	63.15 4.06 0.00	49.78 3.22 0.00	44.49 2.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	26.86 0.65 -17.17	23.63 -0.24 -27.34	22.79 -0.08 -23.99	18.56 1.12 0.00	15.71 0.93 0.00	11.21 0.68 0.00	9.44 0.53 0.00	11.22 0.62 0.00	7.45 0.39 0.00	9.17 0.47 0.00	10.12 0.54 0.00	15.95 0.91 0.00	18.85 1.11 0.15	28.52 1.75 0.10	34.42 2.26 0.03	29.32 2.10 0.15	33.61 2.45 0.10	40.92 3.09 0.00	184.01 13.89 0.00	327.67 22.91 0.00	100.25 6.57 0.00	62.91 3.82 0.00	49.52 2.95 0.00	44.22 2.42 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.26 0.74 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.53 0.63 0.00	11.35 0.75 0.00	7.56 0.51 0.00	9.32 0.62 0.00	10.29 0.72 0.00	16.26 1.23 0.00	26.03 1.45 -6.68	33.61 2.21 -4.52	36.08 2.79 -1.09	36.40 2.57 -6.46	38.48 2.98 -4.23	41.50 3.66 0.00	186.05 15.93 0.00	330.69 25.93 0.00	101.11 7.42 0.00	63.34 4.25 0.00	49.93 3.37 0.00	44.63 2.84 0.00

E179THST_13_KV_LOAD 356214	27.30 0.78 -17.47	24.06 -0.29 -27.82	23.19 -0.10 -24.41	18.79 1.35 0.00	15.91 1.13 0.00	11.36 0.84 0.00	9.57 0.66 0.00	11.39 0.79 0.00	7.59 0.53 0.00	9.36 0.66 0.00	10.34 0.76 0.00	16.33 1.30 0.00	26.11 1.54 -6.68	33.74 2.35 -4.52	36.23 2.95 -1.09	36.55 2.72 -6.46	38.63 3.14 -4.23	41.70 3.86 0.00	186.97 16.85 0.00	332.15 27.39 0.00	101.58 7.90 0.00	63.64 4.55 0.00	50.16 3.60 0.00	44.83 3.03 0.00
EAST HAMPTON___GT 23717	28.58 0.59 -18.94	24.14 -0.21 -27.82	23.23 -0.06 -24.41	18.51 1.06 0.00	15.64 0.86 0.00	11.17 0.65 0.00	9.53 0.62 0.00	11.49 0.89 0.00	11.18 0.77 -3.35	9.69 0.98 -0.01	10.47 0.90 0.00	28.82 1.50 -12.28	39.43 1.33 -20.20	36.32 2.17 -7.27	35.81 2.72 -0.90	34.84 2.15 -5.32	37.13 2.38 -3.48	40.93 3.09 -0.01	181.68 11.56 0.00	322.91 18.15 0.00	98.48 4.79 0.00	62.15 3.06 0.00	49.03 2.46 0.00	43.40 1.61 0.00
EAST RIVER___6 23660	27.30 0.78 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.39 0.79 0.00	7.59 0.53 0.00	9.37 0.67 0.00	10.34 0.76 0.00	16.34 1.31 0.00	26.45 1.56 -6.99	34.05 2.44 -4.73	36.41 3.08 -1.15	36.93 2.80 -6.77	38.89 3.20 -4.43	41.76 3.92 -0.01	187.40 17.27 0.00	332.37 27.61 0.00	101.58 7.90 0.00	63.52 4.43 0.00	50.06 3.50 0.00	44.71 2.92 0.00
EAST RIVER___7 23524	27.30 0.78 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.39 0.79 0.00	7.59 0.53 0.00	9.37 0.67 0.00	10.34 0.76 0.00	16.34 1.31 0.00	26.45 1.56 -6.99	34.05 2.44 -4.73	36.41 3.08 -1.15	36.93 2.80 -6.77	38.89 3.20 -4.43	41.76 3.92 -0.01	187.40 17.27 0.00	332.37 27.61 0.00	101.58 7.90 0.00	63.52 4.43 0.00	50.06 3.50 0.00	44.71 2.92 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.20 0.70 -17.46	24.07 -0.26 -27.80	23.19 -0.09 -24.39	18.65 1.21 0.00	15.78 1.00 0.00	11.27 0.74 0.00	9.49 0.58 0.00	11.29 0.69 0.00	7.51 0.46 0.00	9.26 0.56 0.00	10.21 0.64 0.00	16.12 1.09 0.00	17.75 1.31 1.46	27.96 2.06 0.99	34.58 2.63 0.24	28.35 2.40 1.41	33.09 2.74 0.92	41.21 3.38 0.00	184.90 14.79 0.00	328.69 23.93 0.00	100.48 6.80 0.00	63.04 3.95 0.00	49.67 3.11 0.00	44.39 2.59 0.00
EAST_HAMPTON___DIESEL 23722	28.56 0.57 -18.94	24.14 -0.20 -27.82	23.24 -0.06 -24.41	18.47 1.03 0.00	15.61 0.83 0.00	11.15 0.62 0.00	9.52 0.61 0.00	11.48 0.88 0.00	11.17 0.76 -3.35	9.69 0.97 -0.01	10.47 0.89 0.00	28.81 1.50 -12.28	39.41 1.32 -20.20	36.29 2.14 -7.27	35.77 2.68 -0.90	34.80 2.11 -5.32	37.07 2.32 -3.48	40.86 3.02 -0.01	181.36 11.24 0.00	322.32 17.56 0.00	98.30 4.61 0.00	62.04 2.95 0.00	48.93 2.37 0.00	43.32 1.53 0.00
EAST_POINT___SOLAR 323840	31.61 0.37 -22.20	31.74 -0.14 -35.34	29.85 -0.05 -31.01	18.13 0.69 0.00	15.38 0.60 0.00	10.99 0.47 0.00	9.27 0.36 0.00	10.82 0.22 0.00	7.01 -0.05 0.00	8.62 -0.08 0.00	9.45 -0.13 0.00	14.82 -0.21 0.00	17.57 -0.33 0.00	26.33 -0.55 0.00	31.62 -0.57 0.00	26.90 -0.46 0.00	30.91 -0.36 0.00	37.52 -0.32 0.00	171.15 1.03 0.00	319.82 15.06 0.00	99.45 5.76 0.00	62.75 3.66 0.00	49.18 2.62 0.00	43.94 2.15 0.00
EAST_PULASKI___ESR 323781	10.27 -0.22 -1.44	-1.09 0.08 -2.30	0.93 0.03 -2.02	17.02 -0.42 0.00	14.45 -0.33 0.00	10.31 -0.21 0.00	8.73 -0.18 0.00	10.39 -0.20 0.00	6.91 -0.15 0.00	8.48 -0.22 0.00	9.30 -0.28 0.00	14.56 -0.47 0.00	17.31 -0.59 0.00	25.99 -0.89 0.00	31.17 -1.02 0.00	26.58 -0.79 0.00	30.27 -1.00 0.00	37.17 -1.16 -0.50	167.65 -4.78 -2.31	306.87 -6.17 -8.28	99.64 -1.74 -7.70	60.00 -1.12 -2.03	45.59 -0.99 -0.01	40.97 -0.83 0.00
EAST_RIVER___1 323558	27.28 0.76 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.76 1.32 0.00	15.88 1.10 0.00	11.34 0.82 0.00	9.55 0.64 0.00	11.37 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.30 1.27 0.00	26.41 1.52 -6.99	33.97 2.36 -4.73	36.33 2.99 -1.15	36.86 2.73 -6.77	38.81 3.11 -4.43	41.66 3.81 -0.01	186.90 16.78 0.00	331.60 26.84 0.00	101.30 7.62 0.00	63.42 4.34 0.00	50.03 3.46 0.00	44.70 2.91 0.00
EAST_RIVER___2 323559	27.30 0.78 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.39 0.79 0.00	7.59 0.53 0.00	9.37 0.67 0.00	10.34 0.76 0.00	16.34 1.31 0.00	26.45 1.56 -6.99	34.05 2.44 -4.73	36.41 3.08 -1.15	36.93 2.80 -6.77	38.89 3.20 -4.43	41.76 3.92 -0.01	187.40 17.27 0.00	332.37 27.61 0.00	101.58 7.90 0.00	63.52 4.43 0.00	50.06 3.50 0.00	44.71 2.92 0.00
EAST___DELAWARE_HYD 23607	25.91 0.63 -16.24	22.16 -0.23 -25.86	21.50 -0.08 -22.69	18.53 1.09 0.00	15.68 0.90 0.00	11.18 0.66 0.00	9.41 0.51 0.00	11.20 0.60 0.00	7.43 0.37 0.00	9.12 0.42 0.00	10.04 0.47 0.00	15.77 0.73 0.00	18.26 0.48 0.12	27.59 0.80 0.08	33.30 1.13 0.02	28.42 1.17 0.12	32.63 1.44 0.08	39.79 1.96 0.00	179.57 9.45 0.00	320.89 16.13 0.00	100.49 6.80 0.00	63.03 3.94 0.00	49.59 3.03 0.00	44.23 2.44 0.00
EIGHT_POINT___WT_PWR 323820	12.53 -0.45 -3.94	2.96 0.16 -6.27	4.44 0.05 -5.50	16.63 -0.81 0.00	14.08 -0.70 0.00	10.07 -0.45 0.00	8.54 -0.37 0.00	10.10 -0.50 0.00	6.70 -0.36 0.00	8.19 -0.51 0.00	9.01 -0.57 0.00	14.07 -0.96 0.00	17.41 -1.14 -0.65	48.28 -1.48 -22.88	38.13 -1.69 -7.64	36.62 -1.25 -10.50	35.69 -1.31 -5.73	36.47 -1.45 -0.09	171.05 -4.10 -5.03	301.96 -4.07 -1.26	110.35 -1.11 -17.78	73.66 -0.52 -15.08	45.47 -1.10 0.00	40.54 -1.25 0.00
ELBRIDGE_115KV_TB2 80188	11.04 -0.08 -2.08	-0.14 0.03 -3.31	1.79 0.01 -2.90	17.27 -0.18 0.00	14.65 -0.13 0.00	10.46 -0.07 0.00	8.84 -0.07 0.00	10.51 -0.09 0.00	6.96 -0.09 0.00	8.55 -0.14 0.00	9.40 -0.17 0.00	14.74 -0.29 0.00	17.53 -0.36 0.00	26.39 -0.49 0.00	31.60 -0.59 0.00	26.89 -0.48 0.00	30.63 -0.64 0.00	37.45 -0.74 -0.35	169.37 -2.37 -1.62	306.91 -3.65 -5.81	97.99 -1.09 -5.40	59.80 -0.70 -1.42	45.91 -0.67 -0.01	41.24 -0.55 0.00
ELEC_TRO_TEK 24086	29.85 0.77 -20.03	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.79 1.35 0.00	15.89 1.11 0.00	11.35 0.82 0.00	9.56 0.65 0.00	11.37 0.77 0.00	13.41 0.54 -5.82	9.38 0.65 -0.02	10.29 0.72 0.00	37.59 1.22 -21.34	50.37 1.43 -31.05	39.09 2.32 -9.89	36.05 2.96 -0.90	35.35 2.66 -5.32	37.65 2.91 -3.48	41.42 3.58 0.00	185.04 14.92 0.00	329.05 24.28 0.00	100.58 6.90 0.00	63.25 4.16 0.00	49.92 3.35 0.00	44.55 2.76 0.00
ELLENBURG_WT_PWR 323604	8.69 -0.35 0.00	-3.34 0.13 0.00	-1.07 0.04 0.00	16.88 -0.56 0.00	14.32 -0.46 0.00	10.23 -0.29 0.00	8.73 -0.18 0.00	10.38 -0.22 0.00	6.96 -0.09 0.00	8.66 -0.04 0.00	9.56 -0.02 0.00	15.00 -0.04 0.00	17.84 -0.06 0.00	26.65 -0.23 0.00	31.83 -0.36 0.00	26.95 -0.42 0.00	30.78 -0.49 0.00	37.36 -0.48 0.00	168.24 -1.88 0.00	302.26 -2.50 0.00	93.07 -0.61 0.00	58.59 -0.49 0.00	46.20 -0.36 0.00	41.38 -0.42 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	11.67 -0.57 -3.19	1.83 0.22 -5.08	3.41 0.07 -4.46	16.20 -1.24 0.00	13.80 -0.98 0.00	9.98 -0.55 0.00	8.43 -0.48 0.00	10.12 -0.48 0.00	6.78 -0.28 0.00	8.32 -0.38 0.00	9.12 -0.45 0.00	14.23 -0.80 0.00	16.54 -1.12 0.24	16.89 -1.60 8.39	27.27 -2.12 2.80	21.74 -1.77 3.85	26.86 -2.31 2.10	34.90 -2.93 0.01	156.10 -12.31 1.71	282.05 -22.71 0.00	119.33 -7.09 -32.73	83.83 -4.38 -29.12	42.82 -3.75 0.00	39.04 -2.75 0.00
EMPIRE_CC_1 323656	28.80 0.32 -19.44	27.34 -0.14 -30.95	26.00 -0.04 -27.16	18.10 0.66 0.00	15.30 0.52 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.89 0.30 0.00	7.18 0.12 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.26 0.23 0.00	18.24 0.34 0.00	27.45 0.57 0.00	32.83 0.64 0.00	27.73 0.36 0.00	31.77 0.50 0.00	38.24 0.40 0.00	171.12 1.01 0.00	306.25 1.49 0.00	94.21 0.53 0.00	59.56 0.48 0.00	47.15 0.58 0.00	42.37 0.57 0.00
EMPIRE_CC_2 323658	28.80 0.32 -19.44	27.34 -0.14 -30.95	26.00 -0.04 -27.16	18.10 0.66 0.00	15.30 0.52 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.89 0.30 0.00	7.18 0.12 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.26 0.23 0.00	18.24 0.34 0.00	27.45 0.57 0.00	32.83 0.64 0.00	27.73 0.36 0.00	31.77 0.50 0.00	38.24 0.40 0.00	171.12 1.01 0.00	306.25 1.49 0.00	94.21 0.53 0.00	59.56 0.48 0.00	47.15 0.58 0.00	42.37 0.57 0.00
ENORWICH_115KV_TB1 80156	16.12 0.31 -6.76	7.16 -0.13 -10.76	8.27 -0.06 -9.44	18.34 0.90 0.00	15.56 0.78 0.00	11.13 0.61 0.00	9.37 0.47 0.00	11.07 0.47 0.00	7.24 0.18 0.00	8.89 0.18 0.00	9.64 0.06 0.00	14.89 -0.15 0.00	17.66 -0.27 -0.03	27.56 -0.38 -1.05	32.16 -0.38 -0.35	27.87 0.02 -0.48	31.86 0.33 -0.26	39.07 1.10 -0.13	180.43 9.51 -0.81	330.76 23.89 -2.11	105.90 7.49 -4.72	66.43 4.37 -2.98	49.80 3.24 0.00	44.46 2.66 0.00
ERIE_ST__34_KV_TB1-2 80199	11.81 -0.53 -3.29	1.99 0.22 -5.24	3.56 0.07 -4.60	16.27 -1.17 0.00	13.84 -0.94 0.00	10.01 -0.51 0.00	8.47 -0.44 0.00	10.15 -0.45 0.00	6.80 -0.26 0.00	8.35 -0.36 0.00	9.15 -0.43 0.00	14.28 -0.75 0.00	16.65 -1.05 0.20	18.23 -1.47 7.18	27.82 -1.98 2.40	22.41 -1.66 3.30	27.31 -2.16 1.80	35.15 -2.68 0.00	157.78 -10.88 1.46	284.38 -20.38 0.00	110.37 -6.54 -23.23	75.67 -4.09 -20.67	43.08 -3.48 0.00	39.25 -2.55 0.00
ERIE_WT_PWR 323693	11.77 -0.54 -3.26	1.93 0.21 -5.18	3.50 0.07 -4.55	16.24 -1.20 0.00	13.83 -0.95 0.00	10.00 -0.52 0.00	8.45 -0.45 0.00	10.13 -0.47 0.00	6.79 -0.26 0.00	8.34 -0.36 0.00	9.14 -0.43 0.00	14.27 -0.77 0.00	16.61 -1.06 0.23	17.37 -1.49 8.01	27.50 -2.01 2.67	22.03 -1.65 3.68	27.08 -2.18 2.01	35.08 -2.74 0.01	157.02 -11.46 1.63	283.44 -21.32 0.00	115.94 -6.50 -28.75	80.92 -3.75 -25.58	43.05 -3.51 0.00	39.20 -2.60 0.00
ESPRGFLD_115KV_TB1 80157	10.56 0.20 -1.32	-1.45 -0.07 -2.10	0.70 -0.03 -1.84	17.87 0.43 0.00	15.16 0.38 0.00	10.84 0.32 0.00	9.17 0.26 0.00	10.86 0.26 0.00	7.21 0.16 0.00	8.90 0.20 0.00	9.72 0.14 0.00	15.21 0.17 0.00	18.03 0.13 0.00	27.00 0.12 0.00	32.40 0.21 0.00	27.68 0.31 0.00	31.58 0.31 0.00	38.45 0.62 0.00	175.02 4.90 0.00	317.27 12.51 0.00	97.51 3.82 0.00	61.49 2.40 0.00	48.29 1.73 0.00	43.25 1.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	13.48 0.10 -4.33	3.39 -0.04 -6.90	4.93 -0.01 -6.06	17.62 0.18 0.00	14.95 0.17 0.00	10.67 0.15 0.00	9.02 0.11 0.00	10.70 0.10 0.00	7.06 0.00 0.00	8.65 -0.05 0.00	9.48 -0.10 0.00	14.83 -0.21 0.00	17.68 -0.27 -0.05	28.42 -0.36 -1.90	32.41 -0.41 -0.63	28.01 -0.23 -0.87	31.49 -0.25 -0.48	37.95 -0.07 -0.19	173.08 1.71 -1.25	313.18 5.36 -3.07	101.29 1.58 -6.02	63.57 0.91 -3.57	47.11 0.54 0.00	42.24 0.45 0.00
ETNA____115KV_TB2 80207	13.48 0.10 -4.33	3.39 -0.04 -6.90	4.93 -0.01 -6.06	17.62 0.18 0.00	14.95 0.17 0.00	10.67 0.15 0.00	9.02 0.11 0.00	10.70 0.10 0.00	7.06 0.00 0.00	8.65 -0.05 0.00	9.48 -0.10 0.00	14.83 -0.21 0.00	17.68 -0.27 -0.05	28.42 -0.36 -1.90	32.41 -0.41 -0.63	28.01 -0.23 -0.87	31.49 -0.25 -0.48	37.95 -0.07 -0.19	173.08 1.71 -1.25	313.18 5.36 -3.07	101.29 1.58 -6.02	63.57 0.91 -3.57	47.11 0.54 0.00	42.24 0.45 0.00
EUCLID__115KV_TB2 356179	10.56 -0.13 -1.64	-0.81 0.05 -2.62	1.20 0.01 -2.30	17.17 -0.27 0.00	14.56 -0.22 0.00	10.39 -0.14 0.00	8.78 -0.13 0.00	10.45 -0.15 0.00	6.94 -0.12 0.00	8.53 -0.18 0.00	9.37 -0.20 0.00	14.71 -0.33 0.00	17.50 -0.39 0.00	26.31 -0.57 0.00	31.50 -0.69 0.00	26.79 -0.57 0.00	30.56 -0.71 0.00	37.13 -0.86 -0.16	167.43 -3.40 -0.72	301.87 -5.46 -2.57	94.35 -1.72 -2.39	58.61 -1.11 -0.63	45.61 -0.96 0.00	41.00 -0.79 0.00
E_CANADA_CAP_HY 24051	32.39 0.21 -23.13	33.29 -0.07 -36.84	31.18 -0.03 -32.32	17.86 0.42 0.00	15.16 0.38 0.00	10.85 0.32 0.00	9.17 0.26 0.00	10.80 0.20 0.00	7.13 0.07 0.00	8.79 0.09 0.00	9.60 0.03 0.00	15.03 0.00 0.00	17.81 -0.09 0.00	26.67 -0.21 0.00	31.99 -0.19 0.00	27.25 -0.12 0.00	31.13 -0.14 0.00	37.82 -0.01 0.00	172.39 2.27 0.00	315.83 11.07 0.00	97.61 3.93 0.00	61.63 2.54 0.00	48.41 1.84 0.00	43.35 1.55 0.00
E_CANADA_MHWK_HY 24050	9.58 0.53 0.00	-3.66 -0.19 0.00	-1.17 -0.05 0.00	18.37 0.93 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.32 0.41 0.00	10.89 0.30 0.00	7.05 0.00 0.00	8.51 -0.19 0.00	9.45 -0.12 0.00	14.78 -0.26 0.00	17.53 -0.37 0.00	26.43 -0.45 0.00	31.52 -0.67 0.00	26.95 -0.41 0.00	31.34 0.07 0.00	38.54 0.71 0.00	176.14 6.02 0.00	320.55 15.79 0.00	98.79 5.10 0.00	62.25 3.16 0.00	49.29 2.73 0.00	43.86 2.07 0.00
E_FISHKILL__LBMP 23776	27.40 0.61 -17.75	24.56 -0.23 -28.26	23.60 -0.07 -24.79	18.50 1.06 0.00	15.66 0.88 0.00	11.17 0.65 0.00	9.40 0.49 0.00	11.18 0.58 0.00	7.43 0.37 0.00	9.14 0.44 0.00	10.08 0.51 0.00	15.90 0.87 0.00	19.40 1.05 -0.45	28.84 1.66 -0.30	34.38 2.12 -0.07	29.75 1.95 -0.43	33.81 2.26 -0.28	40.62 2.79 0.00	182.33 12.21 0.00	324.18 19.42 0.00	99.27 5.58 0.00	62.33 3.24 0.00	49.14 2.58 0.00	43.91 2.12 0.00
FALCON__SEABRD_CC1 323796	8.76 -0.29 0.00	-3.38 0.10 0.00	-1.08 0.03 0.00	17.02 -0.42 0.00	14.44 -0.33 0.00	10.32 -0.20 0.00	8.82 -0.09 0.00	10.48 -0.12 0.00	7.01 -0.05 0.00	8.73 0.03 0.00	9.63 0.06 0.00	15.13 0.09 0.00	18.02 0.13 0.00	26.91 0.02 0.00	32.09 -0.10 0.00	27.15 -0.21 0.00	31.06 -0.21 0.00	37.69 -0.14 0.00	169.90 -0.22 0.00	305.45 0.69 0.00	94.07 0.39 0.00	59.08 -0.01 0.00	46.64 0.08 0.00	41.74 -0.05 0.00
FALCON__SEABRD_CC2 323797	8.76 -0.29 0.00	-3.38 0.10 0.00	-1.08 0.03 0.00	17.02 -0.42 0.00	14.44 -0.33 0.00	10.32 -0.20 0.00	8.82 -0.09 0.00	10.48 -0.12 0.00	7.01 -0.05 0.00	8.73 0.03 0.00	9.63 0.06 0.00	15.13 0.09 0.00	18.02 0.13 0.00	26.91 0.02 0.00	32.09 -0.10 0.00	27.15 -0.21 0.00	31.06 -0.21 0.00	37.69 -0.14 0.00	169.90 -0.22 0.00	305.45 0.69 0.00	94.07 0.39 0.00	59.08 -0.01 0.00	46.64 0.08 0.00	41.74 -0.05 0.00

FAR ROCKAWAY___4 23548	30.03 0.87 -20.12	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.96 1.52 0.00	16.03 1.26 0.00	11.45 0.93 0.00	9.64 0.73 0.00	11.47 0.88 0.00	13.67 0.60 -6.01	9.46 0.74 -0.02	10.40 0.82 0.00	38.48 1.38 -22.06	51.44 1.64 -31.91	39.64 2.65 -10.11	36.48 3.39 -0.90	35.70 3.02 -5.32	38.07 3.32 -3.48	41.96 4.13 0.00	187.54 17.42 0.00	333.44 28.68 0.00	101.86 8.18 0.00	64.00 4.91 0.00	50.48 3.92 0.00	45.05 3.25 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.28 0.76 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.76 1.32 0.00	15.88 1.10 0.00	11.34 0.82 0.00	9.55 0.64 0.00	11.37 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.30 1.27 0.00	26.36 1.52 -6.94	33.94 2.36 -4.70	36.32 3.00 -1.14	36.81 2.72 -6.72	38.77 3.11 -4.40	41.65 3.82 0.00	186.90 16.77 0.00	331.59 26.84 0.00	101.35 7.67 0.00	63.47 4.38 0.00	50.04 3.47 0.00	44.73 2.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.76 1.32 0.00	15.88 1.10 0.00	11.35 0.82 0.00	9.55 0.65 0.00	11.37 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.36 1.52 -6.94	33.94 2.37 -4.70	36.32 3.00 -1.14	36.81 2.73 -6.72	38.78 3.12 -4.40	41.66 3.83 0.00	186.91 16.79 0.00	331.65 26.90 0.00	101.38 7.70 0.00	63.49 4.40 0.00	50.06 3.49 0.00	44.74 2.95 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.27 0.76 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.75 1.31 0.00	15.87 1.10 0.00	11.34 0.82 0.00	9.55 0.64 0.00	11.37 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.31 0.74 0.00	16.30 1.26 0.00	26.35 1.51 -6.94	33.94 2.36 -4.70	36.30 2.98 -1.14	36.80 2.71 -6.72	38.75 3.09 -4.40	41.63 3.80 0.00	186.78 16.66 0.00	331.36 26.60 0.00	101.30 7.61 0.00	63.44 4.35 0.00	50.01 3.45 0.00	44.69 2.90 0.00
FARRAGUT___LBMP 323566	27.27 0.75 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.74 1.30 0.00	15.86 1.08 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.31 0.73 0.00	16.28 1.25 0.00	26.34 1.49 -6.94	33.91 2.33 -4.70	36.27 2.94 -1.14	36.77 2.68 -6.72	38.72 3.06 -4.40	41.59 3.76 0.00	186.61 16.49 0.00	331.06 26.30 0.00	101.20 7.52 0.00	63.38 4.29 0.00	49.97 3.40 0.00	44.65 2.86 0.00
FARRCKWY_69_KV_BK2 55825	30.03 0.87 -20.12	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.96 1.52 0.00	16.03 1.26 0.00	11.45 0.93 0.00	9.64 0.73 0.00	11.47 0.88 0.00	13.67 0.60 -6.01	9.46 0.74 -0.02	10.40 0.82 0.00	38.48 1.38 -22.06	51.44 1.64 -31.91	39.64 2.65 -10.11	36.48 3.39 -0.90	35.70 3.02 -5.32	38.07 3.32 -3.48	41.96 4.13 0.00	187.54 17.42 0.00	333.44 28.68 0.00	101.86 8.18 0.00	64.00 4.91 0.00	50.48 3.92 0.00	45.05 3.25 0.00
FENNER___WINDPWR 24204	11.46 0.07 -2.34	0.22 -0.03 -3.72	2.14 -0.01 -3.26	17.58 0.14 0.00	14.92 0.14 0.00	10.64 0.12 0.00	9.01 0.10 0.00	10.70 0.10 0.00	7.09 0.04 0.00	8.71 0.01 0.00	9.54 -0.04 0.00	14.92 -0.12 0.00	17.74 -0.16 0.00	26.63 -0.25 0.00	31.91 -0.28 0.00	27.29 -0.07 0.00	31.23 -0.04 0.00	38.14 0.15 -0.15	173.01 2.21 -0.68	313.59 6.39 -2.44	98.05 2.10 -2.27	60.94 1.25 -0.60	47.41 0.84 0.00	42.49 0.70 0.00
FIBERTEK___ENERGY 23856	10.97 -0.04 -1.96	-0.33 0.01 -3.12	1.63 0.00 -2.74	17.34 -0.10 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.54 -0.06 0.00	6.99 -0.07 0.00	8.59 -0.11 0.00	9.44 -0.13 0.00	14.81 -0.23 0.00	17.62 -0.27 0.00	26.52 -0.36 0.00	31.75 -0.44 0.00	27.03 -0.34 0.00	30.83 -0.44 0.00	37.67 -0.50 -0.33	170.17 -1.47 -1.53	308.44 -1.79 -5.48	98.24 -0.53 -5.09	60.05 -0.38 -1.34	46.15 -0.42 -0.01	41.45 -0.35 0.00
FITZPATRICK___ 23598	9.98 -0.24 -1.17	-1.52 0.09 -1.87	0.55 0.03 -1.64	16.97 -0.47 0.00	14.39 -0.39 0.00	10.26 -0.26 0.00	8.68 -0.23 0.00	10.32 -0.28 0.00	6.86 -0.20 0.00	8.44 -0.27 0.00	9.28 -0.30 0.00	14.56 -0.48 0.00	17.32 -0.57 0.00	26.04 -0.84 0.00	31.15 -1.04 0.00	26.47 -0.90 0.00	30.14 -1.13 0.00	34.59 -1.41 1.84	155.57 -6.14 8.41	264.06 -10.54 30.16	62.43 -3.22 28.03	49.66 -2.03 7.39	44.85 -1.66 0.05	40.41 -1.39 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	27.32 0.71 -17.56	24.23 -0.26 -27.96	23.33 -0.09 -24.54	18.69 1.25 0.00	15.81 1.04 0.00	11.28 0.75 0.00	9.50 0.59 0.00	11.30 0.70 0.00	7.50 0.45 0.00	9.23 0.53 0.00	10.18 0.61 0.00	16.06 1.03 0.00	19.15 1.25 0.00	28.87 1.99 0.00	34.75 2.56 0.00	29.74 2.37 0.00	34.06 2.79 0.00	41.36 3.53 0.00	185.86 15.74 0.00	330.51 25.75 0.00	101.13 7.45 0.00	63.45 4.36 0.00	49.90 3.34 0.00	44.55 2.76 0.00
FORT ORANGE___ 23900	29.29 0.35 -19.89	28.07 -0.13 -31.68	26.64 -0.04 -27.79	18.10 0.66 0.00	15.31 0.54 0.00	10.89 0.36 0.00	9.17 0.27 0.00	10.88 0.27 0.00	7.17 0.11 0.00	8.78 0.08 0.00	9.68 0.11 0.00	15.23 0.20 0.00	18.17 0.27 0.00	27.35 0.46 0.00	32.76 0.57 0.00	27.82 0.45 0.00	31.93 0.66 0.00	38.48 0.65 0.00	172.85 2.73 0.00	309.64 4.87 0.00	95.27 1.58 0.00	60.14 1.05 0.00	47.45 0.89 0.00	42.56 0.77 0.00
FORT_DRUM_COGEN 23780	9.58 -0.52 -1.05	-1.59 0.20 -1.68	0.42 0.06 -1.47	16.51 -0.93 0.00	14.14 -0.64 0.00	10.13 -0.39 0.00	8.65 -0.26 0.00	10.36 -0.24 0.00	6.93 -0.13 0.00	8.46 -0.25 0.00	9.20 -0.38 0.00	14.19 -0.84 0.00	16.79 -1.11 0.00	25.02 -1.86 0.00	30.18 -2.01 0.00	25.97 -1.40 0.00	29.74 -1.53 0.00	36.56 -1.52 -0.25	166.42 -4.86 -1.17	307.96 -0.98 -4.18	98.29 0.72 -3.89	60.49 0.38 -1.03	46.62 0.05 -0.01	41.64 -0.15 0.00
FOX_HILLS___ESR 323835	27.33 0.81 -17.47	24.05 -0.30 -27.82	23.19 -0.10 -24.41	18.85 1.41 0.00	15.95 1.17 0.00	11.40 0.88 0.00	9.60 0.69 0.00	11.42 0.82 0.00	7.61 0.56 0.00	9.39 0.69 0.00	10.36 0.78 0.00	16.37 1.33 0.00	26.45 1.62 -6.94	34.06 2.48 -4.70	36.46 3.13 -1.14	36.94 2.85 -6.73	38.91 3.25 -4.39	41.79 3.95 -0.01	187.36 17.24 0.00	332.83 28.07 0.00	101.66 7.97 0.00	63.66 4.57 0.00	50.20 3.64 0.00	44.86 3.06 0.00
FPL_FAR_ROCK_GT1 24212	30.04 0.87 -20.12	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.96 1.52 0.00	16.03 1.26 0.00	11.45 0.93 0.00	9.65 0.74 0.00	11.47 0.87 0.00	13.67 0.60 -6.01	9.46 0.74 -0.02	10.40 0.82 0.00	38.48 1.38 -22.06	51.44 1.64 -31.91	39.64 2.65 -10.11	36.48 3.39 -0.90	35.70 3.01 -5.32	38.07 3.32 -3.48	41.96 4.13 -0.01	187.52 17.40 0.00	333.51 28.75 0.00	101.85 8.17 0.00	63.95 4.87 0.00	50.48 3.92 0.00	45.05 3.25 0.00
FPL_FAR_ROCK_GT2 23815	30.04 0.87 -20.12	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.96 1.52 0.00	16.03 1.26 0.00	11.45 0.93 0.00	9.65 0.74 0.00	11.47 0.87 0.00	13.67 0.60 -6.01	9.46 0.74 -0.02	10.40 0.82 0.00	38.48 1.38 -22.06	51.44 1.64 -31.91	39.64 2.65 -10.11	36.48 3.39 -0.90	35.70 3.01 -5.32	38.07 3.32 -3.48	41.96 4.13 -0.01	187.52 17.40 0.00	333.51 28.75 0.00	101.85 8.17 0.00	63.95 4.87 0.00	50.48 3.92 0.00	45.05 3.25 0.00

FRANKLIN_FALL_HYD 24054	8.70 -0.34 0.00	-3.34 0.13 0.00	-1.08 0.04 0.00	16.86 -0.58 0.00	14.32 -0.46 0.00	10.23 -0.29 0.00	8.72 -0.19 0.00	10.37 -0.23 0.00	6.95 -0.10 0.00	8.64 -0.06 0.00	9.53 -0.05 0.00	14.93 -0.11 0.00	17.76 -0.14 0.00	26.52 -0.36 0.00	31.68 -0.51 0.00	26.79 -0.58 0.00	30.57 -0.70 0.00	37.14 -0.69 0.00	167.27 -2.85 0.00	301.26 -3.49 0.00	92.98 -0.70 0.00	58.55 -0.54 0.00	46.07 -0.49 0.00	41.33 -0.46 0.00
FREEPORT_EQUS_GT1 23764	29.31 0.84 -19.42	24.04 -0.31 -27.82	23.20 -0.10 -24.41	18.90 1.46 0.00	15.98 1.20 0.00	11.41 0.89 0.00	9.61 0.71 0.00	11.44 0.84 0.00	12.07 0.58 -4.43	9.43 0.71 -0.01	10.35 0.77 0.00	32.59 1.31 -16.24	44.38 1.54 -24.94	37.82 2.52 -8.42	36.31 3.22 -0.90	35.56 2.88 -5.32	37.90 3.15 -3.48	41.61 3.77 -0.01	185.29 15.17 0.00	329.57 24.81 0.00	100.82 7.14 0.00	63.66 4.57 0.00	50.31 3.75 0.00	44.85 3.06 0.00
FREEPORT___CT2 23818	29.31 0.84 -19.42	24.04 -0.31 -27.82	23.20 -0.10 -24.41	18.90 1.46 0.00	15.98 1.20 0.00	11.41 0.89 0.00	9.61 0.71 0.00	11.44 0.84 0.00	12.07 0.58 -4.43	9.43 0.71 -0.01	10.35 0.77 0.00	32.59 1.31 -16.24	44.38 1.54 -24.94	37.82 2.52 -8.42	36.31 3.22 -0.90	35.56 2.88 -5.32	37.90 3.15 -3.48	41.61 3.77 -0.01	185.29 15.17 0.00	329.57 24.81 0.00	100.82 7.14 0.00	63.66 4.57 0.00	50.31 3.75 0.00	44.85 3.06 0.00
FRESHKLS_33_KV_LOAD 356253	27.35 0.83 -17.47	24.04 -0.31 -27.82	23.19 -0.10 -24.41	18.89 1.44 0.00	15.98 1.20 0.00	11.43 0.90 0.00	9.62 0.71 0.00	11.44 0.85 0.00	7.63 0.57 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.38 1.35 0.00	26.47 1.64 -6.94	34.10 2.52 -4.70	36.53 3.20 -1.14	37.02 2.92 -6.73	39.01 3.35 -4.39	41.95 4.11 -0.01	188.26 18.14 0.00	334.65 29.88 0.00	102.22 8.54 0.00	64.00 4.91 0.00	50.44 3.88 0.00	45.06 3.26 0.00
FULTON COGEN____ 23766	10.36 -0.23 -1.55	-0.92 0.09 -2.46	1.07 0.03 -2.16	16.97 -0.47 0.00	14.39 -0.39 0.00	10.26 -0.26 0.00	8.68 -0.23 0.00	10.32 -0.28 0.00	6.86 -0.20 0.00	8.43 -0.28 0.00	9.26 -0.32 0.00	14.53 -0.50 0.00	17.29 -0.61 0.00	25.99 -0.89 0.00	31.11 -1.08 0.00	26.46 -0.91 0.00	30.16 -1.11 0.00	37.08 -1.35 -0.60	167.22 -5.62 -2.73	305.50 -9.06 -9.80	100.01 -2.78 -9.11	59.73 -1.76 -2.40	45.10 -1.48 -0.02	40.52 -1.27 0.00
FULTON___LFGE 323630	31.37 0.35 -21.98	31.39 -0.13 -34.99	29.54 -0.04 -30.70	18.09 0.64 0.00	15.33 0.55 0.00	10.95 0.43 0.00	9.23 0.33 0.00	10.82 0.22 0.00	7.10 0.04 0.00	8.71 0.01 0.00	9.56 -0.02 0.00	15.01 -0.03 0.00	17.78 -0.12 0.00	26.67 -0.21 0.00	31.97 -0.22 0.00	27.20 -0.16 0.00	31.20 -0.08 0.00	37.91 0.07 0.00	173.07 2.95 0.00	318.44 13.68 0.00	98.56 4.88 0.00	62.20 3.11 0.00	48.82 2.26 0.00	43.66 1.86 0.00
G.F.CEMENT___DRP 24184	30.09 0.54 -20.51	28.98 -0.21 -32.66	27.47 -0.07 -28.65	18.46 1.02 0.00	15.61 0.83 0.00	11.11 0.59 0.00	9.40 0.49 0.00	11.13 0.54 0.00	7.28 0.22 0.00	8.94 0.24 0.00	9.88 0.31 0.00	15.57 0.53 0.00	18.58 0.68 0.00	27.88 1.00 0.00	33.37 1.18 0.00	28.32 0.95 0.00	32.76 1.50 0.00	39.74 1.91 0.00	179.78 9.66 0.00	323.33 18.57 0.00	100.03 6.35 0.00	63.04 3.95 0.00	49.57 3.00 0.00	44.20 2.40 0.00
GARDENVILLE___LBMP 24039	11.74 -0.55 -3.25	1.91 0.22 -5.17	3.49 0.07 -4.54	16.23 -1.21 0.00	13.82 -0.96 0.00	9.99 -0.53 0.00	8.45 -0.46 0.00	10.13 -0.47 0.00	6.79 -0.27 0.00	8.33 -0.37 0.00	9.13 -0.44 0.00	14.26 -0.78 0.00	16.55 -1.09 0.26	16.19 -1.54 9.15	27.08 -2.06 3.05	21.46 -1.71 4.20	26.75 -2.23 2.29	35.03 -2.79 0.01	156.66 -11.59 1.87	283.55 -21.20 0.00	121.37 -6.67 -34.36	85.51 -4.14 -30.57	43.00 -3.56 0.00	39.15 -2.64 0.00
GARDNVLA_35_KV_LD 355827	11.78 -0.53 -3.26	1.93 0.21 -5.19	3.51 0.07 -4.56	16.26 -1.18 0.00	13.84 -0.94 0.00	10.01 -0.51 0.00	8.46 -0.45 0.00	10.15 -0.45 0.00	6.80 -0.26 0.00	8.35 -0.35 0.00	9.16 -0.42 0.00	14.29 -0.75 0.00	16.63 -1.05 0.21	17.79 -1.50 7.59	27.66 -2.00 2.53	22.24 -1.64 3.49	27.22 -2.15 1.90	35.11 -2.71 0.00	157.42 -11.15 1.55	284.10 -20.66 0.00	113.85 -6.50 -26.67	78.79 -4.03 -23.73	43.09 -3.47 0.00	39.26 -2.53 0.00
GELCKHM___115KV_LOAD 80723	10.71 -0.10 -1.76	-0.64 0.04 -2.80	1.35 0.01 -2.46	17.23 -0.21 0.00	14.62 -0.16 0.00	10.43 -0.10 0.00	8.82 -0.09 0.00	10.48 -0.11 0.00	6.96 -0.10 0.00	8.55 -0.15 0.00	9.40 -0.17 0.00	14.74 -0.29 0.00	17.55 -0.35 0.00	26.37 -0.51 0.00	31.59 -0.60 0.00	26.88 -0.49 0.00	30.66 -0.61 0.00	37.32 -0.73 -0.22	168.45 -2.67 -1.01	304.41 -3.95 -3.60	95.81 -1.22 -3.35	59.19 -0.79 -0.88	45.83 -0.74 -0.01	41.20 -0.60 0.00
GENERAL___MILLS 23808	11.76 -0.54 -3.26	1.93 0.21 -5.18	3.50 0.07 -4.55	16.24 -1.20 0.00	13.83 -0.95 0.00	10.00 -0.52 0.00	8.45 -0.45 0.00	10.14 -0.46 0.00	6.79 -0.26 0.00	8.34 -0.36 0.00	9.14 -0.43 0.00	14.27 -0.76 0.00	16.60 -1.07 0.23	17.33 -1.53 8.01	27.48 -2.04 2.67	22.00 -1.68 3.68	27.06 -2.20 2.01	35.06 -2.77 0.01	157.02 -11.47 1.63	283.67 -21.09 0.00	115.78 -6.66 -28.75	80.56 -4.11 -25.58	43.02 -3.54 0.00	39.19 -2.60 0.00
GE_PLASTICS___DRP 24183	29.22 0.31 -19.86	28.04 -0.12 -31.63	26.60 -0.04 -27.75	18.03 0.59 0.00	15.26 0.48 0.00	10.85 0.33 0.00	9.15 0.24 0.00	10.86 0.27 0.00	7.18 0.12 0.00	8.81 0.10 0.00	9.71 0.13 0.00	15.27 0.23 0.00	18.21 0.31 0.00	27.40 0.52 0.00	32.83 0.64 0.00	27.89 0.53 0.00	31.97 0.70 0.00	38.57 0.74 0.00	173.05 2.94 0.00	309.24 4.48 0.00	95.07 1.38 0.00	60.01 0.92 0.00	47.37 0.81 0.00	42.49 0.70 0.00
GILBOA___1 23756	25.61 0.33 -16.23	22.24 -0.12 -25.84	21.51 -0.05 -22.67	18.10 0.66 0.00	15.32 0.54 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.91 0.31 0.00	7.23 0.17 0.00	8.89 0.19 0.00	9.80 0.22 0.00	15.41 0.38 0.00	18.37 0.47 0.00	27.63 0.74 0.00	33.12 0.93 0.00	28.21 0.85 0.00	32.29 1.02 0.00	39.06 1.22 0.00	175.01 4.89 0.00	310.98 6.22 0.00	95.52 1.84 0.00	60.33 1.24 0.00	47.74 1.18 0.00	42.80 1.01 0.00
GILBOA___2 23757	25.61 0.33 -16.23	22.24 -0.12 -25.84	21.51 -0.05 -22.67	18.10 0.66 0.00	15.32 0.54 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.91 0.31 0.00	7.23 0.17 0.00	8.89 0.19 0.00	9.80 0.22 0.00	15.41 0.38 0.00	18.37 0.47 0.00	27.63 0.74 0.00	33.12 0.93 0.00	28.21 0.85 0.00	32.29 1.02 0.00	39.06 1.22 0.00	175.01 4.89 0.00	310.98 6.22 0.00	95.52 1.84 0.00	60.33 1.24 0.00	47.74 1.18 0.00	42.80 1.01 0.00
GILBOA___3 23758	25.61 0.33 -16.23	22.24 -0.12 -25.84	21.51 -0.05 -22.67	18.10 0.66 0.00	15.32 0.54 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.91 0.31 0.00	7.23 0.17 0.00	8.89 0.19 0.00	9.80 0.22 0.00	15.41 0.38 0.00	18.37 0.47 0.00	27.63 0.74 0.00	33.12 0.93 0.00	28.21 0.85 0.00	32.29 1.02 0.00	39.06 1.22 0.00	175.01 4.89 0.00	310.98 6.22 0.00	95.52 1.84 0.00	60.33 1.24 0.00	47.74 1.18 0.00	42.80 1.01 0.00

GILBOA___4 23759	25.61 0.33 -16.23	22.24 -0.12 -25.84	21.51 -0.05 -22.67	18.10 0.66 0.00	15.32 0.54 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.91 0.31 0.00	7.23 0.17 0.00	8.89 0.19 0.00	9.80 0.22 0.00	15.41 0.38 0.00	18.37 0.47 0.00	27.63 0.74 0.00	33.12 0.93 0.00	28.21 0.85 0.00	32.29 1.02 0.00	39.06 1.22 0.00	175.01 4.89 0.00	310.98 6.22 0.00	95.52 1.84 0.00	60.33 1.24 0.00	47.74 1.18 0.00	42.80 1.01 0.00
GILBOA____ 23599	25.61 0.33 -16.23	22.24 -0.13 -25.84	21.52 -0.05 -22.67	18.10 0.66 0.00	15.32 0.54 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.91 0.31 0.00	7.23 0.17 0.00	8.89 0.19 0.00	9.80 0.22 0.00	15.41 0.38 0.00	18.37 0.47 0.00	27.63 0.74 0.00	33.13 0.94 0.00	28.22 0.85 0.00	32.29 1.02 0.00	39.06 1.23 0.00	175.00 4.89 0.00	310.92 6.16 0.00	95.51 1.83 0.00	60.37 1.28 0.00	47.74 1.18 0.00	42.80 1.01 0.00
GINNA____ 23603	10.68 -0.60 -2.24	0.32 0.23 -3.56	2.08 0.07 -3.12	16.18 -1.26 0.00	13.74 -1.04 0.00	9.86 -0.67 0.00	8.32 -0.59 0.00	9.92 -0.68 0.00	6.60 -0.46 0.00	8.10 -0.60 0.00	8.90 -0.68 0.00	13.94 -1.10 0.00	16.56 -1.34 0.00	24.93 -1.95 0.00	29.75 -2.44 0.00	25.34 -2.02 0.00	28.90 -2.37 0.00	35.03 -2.80 0.00	158.68 -11.44 0.00	284.83 -19.93 0.00	87.62 -6.06 0.00	55.40 -3.68 0.00	43.23 -3.33 0.00	39.00 -2.80 0.00
GLEN PARK____ 23778	9.62 -0.51 -1.08	-1.55 0.20 -1.73	0.46 0.06 -1.52	16.52 -0.92 0.00	14.14 -0.64 0.00	10.13 -0.39 0.00	8.65 -0.26 0.00	10.36 -0.24 0.00	6.93 -0.13 0.00	8.45 -0.25 0.00	9.19 -0.38 0.00	14.19 -0.84 0.00	16.77 -1.13 0.00	24.99 -1.89 0.00	30.12 -2.07 0.00	25.91 -1.45 0.00	29.66 -1.61 0.00	36.48 -1.62 -0.27	166.23 -5.11 -1.22	308.05 -1.09 -4.38	98.51 0.75 -4.07	60.57 0.41 -1.07	46.62 0.05 -0.01	41.61 -0.18 0.00
GLENDALE_27_KV_LOAD 356172	27.33 0.81 -17.47	24.05 -0.30 -27.82	23.19 -0.10 -24.41	18.85 1.41 0.00	15.96 1.18 0.00	11.40 0.88 0.00	9.60 0.69 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.69 0.00	10.37 0.79 0.00	16.39 1.36 0.00	26.18 1.61 -6.68	33.87 2.48 -4.52	36.40 3.11 -1.09	36.66 2.84 -6.46	38.73 3.24 -4.23	41.77 3.93 0.00	187.23 17.11 0.00	332.23 27.48 0.00	101.60 7.91 0.00	63.67 4.58 0.00	50.22 3.66 0.00	44.88 3.09 0.00
GLENWOOD_IC_1_G5 23712	29.68 0.80 -19.83	24.06 -0.30 -27.82	23.20 -0.09 -24.41	18.83 1.39 0.00	15.93 1.15 0.00	11.38 0.85 0.00	9.58 0.67 0.00	11.40 0.80 0.00	12.97 0.55 -5.36	9.39 0.67 -0.02	10.33 0.75 0.00	36.00 1.28 -19.68	48.49 1.53 -29.06	38.73 2.44 -9.41	36.20 3.11 -0.90	35.49 2.81 -5.32	37.88 3.13 -3.48	41.66 3.82 0.00	185.33 15.21 0.00	329.39 24.63 0.00	100.77 7.09 0.00	63.60 4.51 0.00	50.13 3.57 0.00	44.77 2.98 0.00
GLENWOOD_IC_2_G1 23688	27.38 0.75 -17.58	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.74 1.30 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.81 0.51 -0.25	9.32 0.62 0.00	10.27 0.70 0.00	17.12 1.18 -0.90	25.89 1.41 -6.58	33.12 2.26 -3.98	35.97 2.88 -0.90	35.29 2.61 -5.32	37.68 2.93 -3.48	41.43 3.59 -0.01	185.46 15.34 0.00	329.57 24.81 0.00	100.74 7.06 0.00	63.25 4.16 0.00	49.90 3.33 0.00	44.58 2.79 0.00
GLENWOOD_IC_3_G1 23689	27.38 0.75 -17.58	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.74 1.30 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.81 0.51 -0.25	9.32 0.62 0.00	10.27 0.70 0.00	17.12 1.18 -0.90	25.89 1.41 -6.58	33.12 2.26 -3.98	35.97 2.88 -0.90	35.29 2.61 -5.32	37.68 2.93 -3.48	41.43 3.59 -0.01	185.46 15.34 0.00	329.57 24.81 0.00	100.74 7.06 0.00	63.25 4.16 0.00	49.90 3.33 0.00	44.58 2.79 0.00
GLENWOOD___4 23550	29.68 0.80 -19.83	24.06 -0.30 -27.82	23.20 -0.09 -24.41	18.83 1.39 0.00	15.93 1.15 0.00	11.38 0.85 0.00	9.58 0.67 0.00	11.40 0.80 0.00	12.97 0.55 -5.36	9.39 0.67 -0.02	10.33 0.75 0.00	36.00 1.28 -19.68	48.49 1.53 -29.06	38.73 2.44 -9.41	36.20 3.11 -0.90	35.49 2.81 -5.32	37.88 3.13 -3.48	41.67 3.83 0.00	185.78 15.66 0.00	330.09 25.34 0.00	100.96 7.28 0.00	63.60 4.51 0.00	50.13 3.57 0.00	44.77 2.98 0.00
GLENWOOD___5 23614	29.68 0.80 -19.83	24.06 -0.30 -27.82	23.20 -0.09 -24.41	18.83 1.39 0.00	15.93 1.15 0.00	11.38 0.85 0.00	9.58 0.67 0.00	11.40 0.80 0.00	12.97 0.55 -5.36	9.39 0.67 -0.02	10.33 0.75 0.00	36.00 1.28 -19.68	48.49 1.53 -29.06	38.73 2.44 -9.41	36.20 3.11 -0.90	35.49 2.81 -5.32	37.88 3.13 -3.48	41.67 3.83 0.00	185.78 15.66 0.00	330.09 25.34 0.00	100.96 7.28 0.00	63.60 4.51 0.00	50.13 3.57 0.00	44.77 2.98 0.00
GLOBAL GREEN_PORT_GT1 23814	28.69 0.70 -18.94	24.09 -0.26 -27.82	23.22 -0.07 -24.41	18.72 1.28 0.00	15.83 1.05 0.00	11.30 0.78 0.00	9.61 0.71 0.00	11.55 0.95 0.00	11.19 0.78 -3.35	9.69 0.98 -0.01	10.48 0.91 0.00	28.83 1.51 -12.28	39.52 1.42 -20.20	36.48 2.33 -7.27	36.01 2.93 -0.90	35.10 2.42 -5.32	37.47 2.73 -3.48	41.34 3.50 -0.01	183.56 13.44 0.00	326.27 21.51 0.00	99.51 5.82 0.00	62.81 3.73 0.00	49.55 2.98 0.00	43.88 2.08 0.00
GLOBE___DSASP 323697	11.34 -0.71 -3.00	1.58 0.27 -4.78	3.16 0.08 -4.19	15.97 -1.47 0.00	13.60 -1.17 0.00	9.85 -0.68 0.00	8.31 -0.60 0.00	10.00 -0.60 0.00	6.70 -0.36 0.00	8.21 -0.49 0.00	9.00 -0.58 0.00	14.02 -1.01 0.00	16.34 -1.38 0.18	18.58 -2.01 6.30	27.46 -2.62 2.10	22.27 -2.21 2.89	26.76 -2.94 1.58	34.03 -3.80 0.00	143.60 -16.66 9.86	257.89 -30.74 16.13	41.02 -9.49 43.17	28.51 -5.81 24.77	41.75 -4.81 0.00	38.28 -3.51 0.00
GOETHSLN___LBMP 323567	27.24 0.73 -17.47	24.08 -0.27 -27.82	23.20 -0.09 -24.41	18.68 1.24 0.00	15.81 1.03 0.00	11.30 0.78 0.00	9.51 0.60 0.00	11.33 0.73 0.00	7.55 0.49 0.00	9.32 0.61 0.00	10.28 0.70 0.00	16.23 1.20 0.00	26.27 1.43 -6.94	33.83 2.25 -4.70	36.18 2.86 -1.14	36.70 2.61 -6.72	38.63 2.97 -4.40	41.49 3.66 0.00	186.22 16.10 0.00	330.57 25.81 0.00	101.02 7.34 0.00	63.26 4.17 0.00	49.86 3.29 0.00	44.57 2.78 0.00
GOLAH___69_KV_TB 1_2 80279	11.17 -0.23 -2.36	0.38 0.09 -3.76	2.21 0.03 -3.30	16.86 -0.57 0.00	14.33 -0.45 0.00	10.30 -0.22 0.00	8.70 -0.21 0.00	10.37 -0.22 0.00	6.90 -0.16 0.00	8.45 -0.25 0.00	9.28 -0.30 0.00	14.51 -0.52 0.00	17.20 -0.70 0.00	25.92 -0.96 0.00	30.89 -1.30 0.00	26.31 -1.06 0.00	29.94 -1.33 0.00	36.25 -1.58 0.00	164.66 -5.46 0.00	296.34 -8.42 0.00	91.26 -2.43 0.00	57.60 -1.48 0.00	45.04 -1.52 0.00	40.73 -1.06 0.00
GOODYEAR_LAKE_HYD 323669	15.66 0.28 -6.34	6.51 -0.10 -10.09	7.70 -0.04 -8.85	18.00 0.56 0.00	15.26 0.48 0.00	10.89 0.36 0.00	9.19 0.28 0.00	10.92 0.32 0.00	7.25 0.19 0.00	8.93 0.23 0.00	9.79 0.21 0.00	15.36 0.32 0.00	18.24 0.34 0.00	27.37 0.49 0.00	32.83 0.65 0.00	28.06 0.69 0.00	32.08 0.81 0.00	39.02 1.18 0.00	176.78 6.66 0.00	317.25 12.49 0.00	97.22 3.54 0.00	61.25 2.16 0.00	48.18 1.62 0.00	43.14 1.35 0.00

GOUDEY___1 345031	15.25 0.05 -6.16	6.31 -0.02 -9.81	7.48 -0.01 -8.60	17.54 0.09 0.00	14.86 0.08 0.00	10.61 0.09 0.00	8.97 0.07 0.00	10.66 0.06 0.00	7.07 0.01 0.00	8.68 -0.02 0.00	9.54 -0.04 0.00	14.98 -0.06 0.00	17.80 -0.10 0.00	26.76 -0.12 0.00	32.06 -0.13 0.00	27.36 0.00 0.00	31.25 -0.02 0.00	38.06 0.10 -0.13	172.02 1.30 -0.61	308.95 2.01 -2.18	99.76 0.26 -5.81	63.03 0.04 -3.90	46.52 -0.04 0.00	41.80 0.01 0.00
GOUDEY___7 23579	15.25 0.05 -6.16	6.31 -0.02 -9.81	7.48 -0.01 -8.60	17.54 0.09 0.00	14.86 0.08 0.00	10.61 0.09 0.00	8.97 0.07 0.00	10.66 0.06 0.00	7.07 0.01 0.00	8.68 -0.02 0.00	9.54 -0.04 0.00	14.98 -0.06 0.00	17.80 -0.10 0.00	26.76 -0.12 0.00	32.06 -0.13 0.00	27.36 0.00 0.00	31.25 -0.02 0.00	38.06 0.10 -0.13	172.02 1.30 -0.61	308.95 2.01 -2.18	99.76 0.26 -5.81	63.03 0.04 -3.90	46.52 -0.04 0.00	41.80 0.01 0.00
GOUDEY___8 23580	15.25 0.05 -6.16	6.31 -0.02 -9.81	7.48 -0.01 -8.60	17.54 0.09 0.00	14.86 0.08 0.00	10.61 0.09 0.00	8.97 0.07 0.00	10.66 0.06 0.00	7.07 0.01 0.00	8.68 -0.02 0.00	9.54 -0.04 0.00	14.98 -0.06 0.00	17.80 -0.10 0.00	26.76 -0.12 0.00	32.06 -0.13 0.00	27.36 0.00 0.00	31.25 -0.02 0.00	38.06 0.10 -0.13	172.02 1.30 -0.61	308.95 2.01 -2.18	99.76 0.26 -5.81	63.03 0.04 -3.90	46.52 -0.04 0.00	41.80 0.01 0.00
GOWANUS_GT1_1 24077	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT1_2 24078	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT1_3 24079	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT1_4 24080	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT1_5 24084	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT1_6 24111	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT1_7 24112	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT1_8 24113	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT2_1 24114	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT2_2 24115	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT2_3 24116	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT2_4 24117	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00

GOWANUS_GT2_5 24118	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT2_6 24119	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT2_7 24120	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT2_8 24121	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_1 24122	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_2 24123	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_3 24124	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_4 24125	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_5 24126	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_6 24127	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_7 24128	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT3_8 24129	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT4_1 24130	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT4_2 24131	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT4_3 24132	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00

GOWANUS_GT4_4 24133	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT4_5 24134	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT4_6 24135	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT4_7 24136	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GOWANUS_GT4_8 24137	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GREENBSH_115KV_TB3 55895	29.31 0.31 -19.96	28.19 -0.12 -31.78	26.73 -0.04 -27.88	18.03 0.59 0.00	15.26 0.48 0.00	10.84 0.32 0.00	9.14 0.23 0.00	10.85 0.25 0.00	7.16 0.10 0.00	8.77 0.06 0.00	9.67 0.09 0.00	15.21 0.17 0.00	18.14 0.24 0.00	27.30 0.42 0.00	32.70 0.51 0.00	27.76 0.39 0.00	31.85 0.58 0.00	38.37 0.54 0.00	172.18 2.06 0.00	307.77 3.01 0.00	94.62 0.94 0.00	59.73 0.64 0.00	47.15 0.58 0.00	42.33 0.53 0.00
GREENDGE_115KV_TB5 80291	12.70 -0.10 -3.75	2.53 0.04 -5.96	4.13 0.01 -5.23	17.23 -0.21 0.00	14.60 -0.17 0.00	10.46 -0.07 0.00	8.86 -0.05 0.00	10.49 -0.11 0.00	6.93 -0.12 0.00	8.49 -0.22 0.00	9.31 -0.27 0.00	14.57 -0.46 0.00	17.58 -0.59 -0.28	35.92 -0.83 -9.87	34.49 -0.99 -3.29	31.19 -0.71 -4.53	32.90 -0.84 -2.47	37.15 -0.80 -0.12	171.73 -0.93 -2.54	306.98 0.41 -1.82	102.88 -0.05 -9.25	66.14 -0.12 -7.17	46.14 -0.43 0.00	41.44 -0.36 0.00
GREENIDGE___3 23582	12.70 -0.10 -3.75	2.53 0.04 -5.96	4.13 0.01 -5.23	17.23 -0.21 0.00	14.60 -0.17 0.00	10.46 -0.07 0.00	8.86 -0.05 0.00	10.49 -0.11 0.00	6.93 -0.12 0.00	8.49 -0.22 0.00	9.31 -0.27 0.00	14.57 -0.46 0.00	17.58 -0.59 -0.28	35.92 -0.83 -9.87	34.49 -0.99 -3.29	31.19 -0.71 -4.53	32.90 -0.84 -2.47	37.15 -0.80 -0.12	171.73 -0.93 -2.54	306.98 0.41 -1.82	102.88 -0.05 -9.25	66.14 -0.12 -7.17	46.14 -0.43 0.00	41.44 -0.36 0.00
GREENIDGE___4 23583	12.70 -0.09 -3.75	2.53 0.04 -5.96	4.13 0.01 -5.23	17.23 -0.21 0.00	14.60 -0.17 0.00	10.46 -0.07 0.00	8.86 -0.05 0.00	10.49 -0.11 0.00	6.93 -0.12 0.00	8.49 -0.22 0.00	9.31 -0.27 0.00	14.57 -0.46 0.00	17.58 -0.59 -0.28	35.92 -0.83 -9.87	34.49 -0.99 -3.29	31.19 -0.70 -4.53	32.91 -0.84 -2.47	37.15 -0.80 -0.12	171.73 -0.93 -2.54	306.85 0.28 -1.82	102.90 -0.03 -9.25	66.24 -0.02 -7.17	46.14 -0.43 0.00	41.44 -0.36 0.00
GREENLWN_69_KV_BK 3 55738	28.81 0.78 -18.98	24.06 -0.28 -27.82	23.20 -0.09 -24.41	18.80 1.36 0.00	15.90 1.12 0.00	11.36 0.83 0.00	9.57 0.66 0.00	11.39 0.79 0.00	11.04 0.56 -3.42	9.39 0.68 -0.01	10.29 0.71 0.00	28.82 1.22 -12.56	39.84 1.40 -20.54	36.55 2.32 -7.35	36.13 3.04 -0.90	35.39 2.70 -5.32	37.56 2.81 -3.48	41.24 3.40 0.00	183.86 13.74 0.00	326.63 21.87 0.00	99.79 6.11 0.00	62.78 3.69 0.00	49.63 3.07 0.00	44.34 2.55 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00
GRISSOM___SOLAR 323813	31.17 0.37 -21.75	31.02 -0.14 -34.63	29.22 -0.05 -30.38	18.12 0.68 0.00	15.37 0.59 0.00	10.96 0.44 0.00	9.24 0.33 0.00	10.81 0.21 0.00	7.08 0.03 0.00	8.69 -0.02 0.00	9.55 -0.03 0.00	14.99 -0.04 0.00	17.78 -0.12 0.00	26.69 -0.19 0.00	32.00 -0.19 0.00	27.21 -0.15 0.00	31.23 -0.05 0.00	37.89 0.06 0.00	172.86 2.74 0.00	317.90 13.14 0.00	98.43 4.74 0.00	62.10 3.02 0.00	48.79 2.23 0.00	43.62 1.83 0.00
GROVEVILLE___HYD 323602	27.32 0.71 -17.56	24.23 -0.26 -27.96	23.33 -0.09 -24.54	18.69 1.25 0.00	15.81 1.04 0.00	11.28 0.75 0.00	9.50 0.59 0.00	11.30 0.70 0.00	7.50 0.45 0.00	9.23 0.53 0.00	10.18 0.61 0.00	16.06 1.03 0.00	19.15 1.25 0.00	28.87 1.99 0.00	34.75 2.56 0.00	29.74 2.37 0.00	34.06 2.79 0.00	41.36 3.53 0.00	185.86 15.74 0.00	330.51 25.75 0.00	101.13 7.45 0.00	63.45 4.36 0.00	49.90 3.34 0.00	44.55 2.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	10.97 -0.04 -1.96	-0.33 0.01 -3.12	1.63 0.00 -2.74	17.34 -0.10 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.54 -0.06 0.00	6.99 -0.07 0.00	8.59 -0.11 0.00	9.44 -0.13 0.00	14.81 -0.23 0.00	17.62 -0.27 0.00	26.52 -0.36 0.00	31.75 -0.44 0.00	27.03 -0.34 0.00	30.83 -0.44 0.00	37.67 -0.50 -0.33	170.17 -1.47 -1.53	308.44 -1.79 -5.48	98.24 -0.53 -5.09	60.05 -0.38 -1.34	46.15 -0.42 -0.01	41.45 -0.35 0.00
HAMLTNNY_34_KV_TB 80303	11.11 -0.03 -2.09	-0.13 0.01 -3.33	1.81 0.00 -2.92	17.35 -0.09 0.00	14.72 -0.06 0.00	10.51 -0.02 0.00	8.89 -0.03 0.00	10.55 -0.05 0.00	6.99 -0.07 0.00	8.58 -0.12 0.00	9.42 -0.15 0.00	14.78 -0.25 0.00	17.57 -0.32 0.00	26.45 -0.43 0.00	31.66 -0.52 0.00	26.96 -0.40 0.00	30.74 -0.53 0.00	37.59 -0.58 -0.33	170.26 -1.38 -1.52	308.92 -1.31 -5.47	98.45 -0.32 -5.08	60.21 -0.22 -1.34	46.24 -0.33 -0.01	41.53 -0.26 0.00

HAMPSHIRE___PAPER_HYD 323593	9.11 -0.51 -0.57	-2.37 0.19 -0.91	-0.26 0.06 -0.79	16.53 -0.91 0.00	14.09 -0.69 0.00	10.08 -0.44 0.00	8.59 -0.32 0.00	10.27 -0.33 0.00	6.88 -0.18 0.00	8.46 -0.24 0.00	9.24 -0.34 0.00	14.34 -0.69 0.00	17.02 -0.88 0.00	25.42 -1.46 0.00	30.55 -1.64 0.00	25.98 -1.39 0.00	29.72 -1.55 0.00	36.29 -1.66 -0.11	164.06 -6.56 -0.50	299.58 -6.97 -1.80	93.85 -1.50 -1.67	58.51 -1.02 -0.44	45.67 -0.90 0.00	40.98 -0.81 0.00
HARDSCRABBLE_WT_PWR 323673	9.43 0.39 0.00	-3.61 -0.13 0.00	-1.15 -0.03 0.00	18.13 0.69 0.00	15.36 0.58 0.00	10.99 0.46 0.00	9.25 0.34 0.00	10.86 0.26 0.00	7.08 0.02 0.00	8.58 -0.12 0.00	9.48 -0.10 0.00	14.80 -0.24 0.00	17.55 -0.34 0.00	26.40 -0.48 0.00	31.48 -0.71 0.00	26.92 -0.44 0.00	31.15 -0.12 0.00	38.26 0.43 0.00	174.72 4.60 0.00	317.73 12.97 0.00	97.74 4.06 0.00	61.64 2.56 0.00	48.84 2.28 0.00	43.56 1.77 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.62 0.68 -16.89	23.17 -0.25 -26.89	22.40 -0.08 -23.59	18.61 1.17 0.00	15.75 0.97 0.00	11.24 0.72 0.00	9.46 0.55 0.00	11.26 0.66 0.00	7.49 0.43 0.00	9.22 0.52 0.00	10.17 0.60 0.00	16.06 1.03 0.65	18.50 1.25 0.65	28.44 2.00 0.44	34.67 2.59 0.11	29.14 2.41 0.63	33.64 2.79 0.41	41.35 3.51 0.00	185.72 15.60 0.00	330.65 25.89 0.00	100.99 7.31 0.00	63.31 4.23 0.00	49.79 3.22 0.00	44.46 2.66 0.00
HARSNRAD_115KV_TB1 81005	11.36 -0.65 -2.96	1.49 0.25 -4.71	3.10 0.08 -4.14	16.03 -1.41 0.00	13.66 -1.12 0.00	9.89 -0.63 0.00	8.34 -0.57 0.00	10.04 -0.56 0.00	6.73 -0.33 0.00	8.24 -0.47 0.00	9.03 -0.55 0.00	14.05 -0.98 0.18	16.35 -1.37 6.28	18.71 -2.53 2.10	27.56 -2.13 2.89	22.35 -2.80 1.57	26.90 -3.57 0.00	34.26 -15.13 1.28	153.70 -27.39 0.00	277.37 -38.09 -33.89	123.43 -8.35 -5.06	87.92 -4.28 -3.10	42.29 -4.28 -3.10	38.69 -3.10 0.00
HARZA MOOSE___RIVER 24016	9.62 -0.23 -0.80	-2.10 0.09 -1.28	0.04 0.03 -1.12	17.05 -0.39 0.00	14.54 -0.23 0.00	10.40 -0.12 0.00	8.86 -0.05 0.00	10.58 -0.01 0.00	7.06 0.00 0.00	8.65 -0.05 0.00	9.41 -0.17 0.00	14.58 -0.46 0.00	17.29 -0.61 0.00	25.90 -0.98 0.00	31.18 -1.00 0.00	26.73 -0.64 0.00	30.67 -0.60 0.00	37.55 -0.39 0.18	170.81 5.79 -1.84	312.39 2.31 -1.71	97.70 2.31 -1.71	60.86 1.33 -0.45	47.45 0.88 0.00	42.45 0.65 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	10.74 -0.09 -1.78	-0.60 0.04 -2.84	1.38 0.01 -2.49	17.24 -0.20 0.00	14.62 -0.16 0.00	10.43 -0.10 0.00	8.82 -0.09 0.00	10.48 -0.11 0.00	6.96 -0.10 0.00	8.55 -0.15 0.00	9.41 -0.17 0.00	14.76 -0.28 0.00	17.57 -0.33 0.00	26.41 -0.47 0.00	31.62 -0.57 0.00	26.90 -0.46 0.00	30.69 -0.58 0.00	37.33 -0.68 -0.18	168.42 -2.53 -0.84	303.96 -3.81 -3.01	95.23 -1.25 -2.80	59.00 -0.82 -0.74	45.82 -0.75 0.00	41.18 -0.61 0.00
HELLGATE_13_KV_LD 55870	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.87 1.43 0.00	15.97 1.19 0.00	11.41 0.89 0.00	9.61 0.70 0.00	11.44 0.84 0.00	7.63 0.57 0.00	9.41 0.71 0.00	10.38 0.81 0.00	16.41 1.37 0.00	26.20 1.63 -6.68	33.89 2.49 -4.52	36.41 3.13 -1.09	36.69 2.86 -6.46	38.77 3.27 -4.23	41.80 3.96 0.00	187.26 17.14 0.00	332.25 27.49 0.00	101.68 8.00 0.00	63.74 4.65 0.00	50.30 3.73 0.00	44.95 3.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.87 1.43 0.00	15.97 1.19 0.00	11.41 0.89 0.00	9.61 0.70 0.00	11.44 0.84 0.00	7.63 0.57 0.00	9.41 0.71 0.00	10.38 0.81 0.00	16.41 1.37 0.00	26.20 1.63 -6.68	33.89 2.49 -4.52	36.41 3.13 -1.09	36.69 2.86 -6.46	38.77 3.27 -4.23	41.80 3.96 0.00	187.26 17.14 0.00	332.25 27.49 0.00	101.68 8.00 0.00	63.74 4.65 0.00	50.30 3.73 0.00	44.95 3.15 0.00
HEMPSTEAD___ 23647	29.43 0.81 -19.58	24.06 -0.29 -27.82	23.20 -0.09 -24.41	18.83 1.39 0.00	15.93 1.15 0.00	11.38 0.86 0.00	9.59 0.68 0.00	11.41 0.81 0.00	12.42 0.57 -4.80	9.41 0.69 -0.01	10.33 0.76 0.00	33.92 1.28 -17.60	45.98 1.52 -26.57	38.14 2.44 -8.81	36.23 3.14 -0.90	35.49 2.81 -5.32	37.83 3.08 -3.48	41.61 3.77 -0.01	185.49 15.37 0.00	329.84 25.08 0.00	100.79 7.11 0.00	63.45 4.37 0.00	50.06 3.50 0.00	44.66 2.87 0.00
HICKLING___1 23621	13.71 -0.10 -4.77	4.16 0.04 -7.60	5.56 0.01 -6.66	17.26 -0.19 0.00	14.61 -0.17 0.00	10.45 -0.07 0.00	8.87 -0.04 0.00	10.50 -0.10 0.00	6.97 -0.09 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.72 -0.31 0.00	17.55 -0.43 -0.08	29.09 -0.61 -2.83	32.40 -0.74 -0.94	28.25 -0.42 -1.30	31.48 -0.49 -0.71	37.55 -0.40 -0.11	171.50 0.17 -1.22	306.45 -0.11 -1.79	104.17 -0.63 -11.12	67.35 -0.59 -8.85	45.85 -0.72 0.00	41.23 -0.57 0.00
HICKLING___2 23622	13.71 -0.10 -4.77	4.16 0.04 -7.60	5.56 0.01 -6.66	17.26 -0.19 0.00	14.61 -0.17 0.00	10.45 -0.07 0.00	8.87 -0.04 0.00	10.50 -0.10 0.00	6.97 -0.09 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.72 -0.31 0.00	17.55 -0.43 -0.08	29.09 -0.61 -2.83	32.40 -0.74 -0.94	28.25 -0.42 -1.30	31.48 -0.49 -0.71	37.55 -0.40 -0.11	171.50 0.17 -1.22	306.45 -0.11 -1.79	104.17 -0.63 -11.12	67.35 -0.59 -8.85	45.85 -0.72 0.00	41.23 -0.57 0.00
HIGH FALLS___HY 23754	27.13 0.71 -17.38	23.93 -0.26 -27.67	23.07 -0.09 -24.27	18.66 1.23 0.00	15.79 1.02 0.00	11.27 0.74 0.00	9.49 0.58 0.00	11.29 0.70 0.00	7.50 0.45 0.00	9.22 0.52 0.00	10.15 0.57 0.00	15.97 0.93 0.00	18.93 1.03 0.00	28.52 1.64 0.00	34.35 2.16 0.00	29.43 2.06 0.00	33.74 2.47 0.00	41.10 3.27 0.00	185.48 15.36 0.00	330.59 25.83 0.00	101.53 7.84 0.00	63.67 4.59 0.00	50.06 3.49 0.00	44.64 2.84 0.00
HIGH_RIVER___SOLAR 323847	30.53 0.32 -21.16	30.09 -0.12 -33.69	28.40 -0.04 -29.56	18.05 0.60 0.00	15.28 0.50 0.00	10.89 0.36 0.00	9.18 0.28 0.00	10.83 0.23 0.00	7.11 0.05 0.00	8.68 -0.02 0.00	9.55 -0.03 0.00	15.00 -0.04 0.00	17.83 -0.07 0.00	26.79 -0.09 0.00	32.15 -0.03 0.00	27.30 -0.06 0.00	31.38 0.11 0.00	38.18 0.34 0.00	173.48 3.36 0.00	314.54 9.78 0.00	97.03 3.35 0.00	61.21 2.12 0.00	48.20 1.63 0.00	43.16 1.37 0.00
HILLBURN___GT 23639	26.74 0.68 -17.02	23.38 -0.25 -27.10	22.58 -0.08 -23.78	18.60 1.16 0.00	15.74 0.96 0.00	11.24 0.72 0.00	9.46 0.55 0.00	11.27 0.67 0.00	7.49 0.43 0.00	9.24 0.54 0.00	10.19 0.61 0.00	16.08 1.04 0.00	18.39 1.26 0.77	28.38 2.02 0.52	34.66 2.60 0.13	29.01 2.39 0.75	33.49 2.71 0.49	41.19 3.36 0.00	185.07 14.95 0.00	329.50 24.74 0.00	100.62 6.94 0.00	63.08 3.99 0.00	49.67 3.10 0.00	44.38 2.58 0.00
HILLSIDE_115KV_TB1 80332	13.85 -0.14 -4.94	4.45 0.05 -7.87	5.81 0.02 -6.90	17.21 -0.24 0.00	14.58 -0.19 0.00	10.44 -0.09 0.00	8.85 -0.06 0.00	10.49 -0.11 0.00	6.96 -0.09 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.75 -0.29 0.00	17.55 -0.42 -0.07	28.75 -0.65 -2.52	32.25 -0.78 -0.84	28.05 -0.47 -1.16	31.28 -0.62 -0.63	37.35 -0.59 -0.11	170.09 -1.09 -1.06	303.16 -3.46 -1.86	101.35 -1.77 -9.43	65.09 -1.31 -7.31	45.38 -1.18 0.00	40.85 -0.95 0.00

HISHELDN_WT_PWR 323625	11.95 -0.56 -3.47	2.27 0.22 -5.52	3.80 0.07 -4.84	16.24 -1.20 0.00	13.80 -0.98 0.00	9.95 -0.57 0.00	8.42 -0.49 0.00	10.05 -0.55 0.00	6.71 -0.35 0.00	8.23 -0.47 0.00	9.04 -0.54 0.00	14.10 -0.94 0.00	16.12 -1.22 0.56	5.47 -1.71 19.70	23.39 -2.23 6.58	16.52 -1.80 9.05	24.12 -2.22 4.93	35.07 -2.75 0.01	155.30 -10.80 4.02	286.07 -18.69 0.00	132.30 -5.64 -44.26	95.21 -3.25 -39.38	43.42 -3.14 0.00	39.34 -2.45 0.00
HOLTSVILLE_IC_1 23690	28.82 0.83 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.63 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.34	9.48 0.77 -0.01	10.34 0.76 0.00	28.57 1.27 -12.26	39.49 1.42 -20.17	36.47 2.33 -7.27	36.08 2.99 -0.90	35.35 2.66 -5.32	37.67 2.93 -3.48	41.43 3.59 -0.01	184.05 13.93 0.00	326.94 22.18 0.00	99.84 6.16 0.00	62.97 3.88 0.00	49.83 3.26 0.00	44.43 2.63 0.00
HOLTSVILLE_IC_10 23699	28.86 0.86 -18.95	24.03 -0.31 -27.82	23.20 -0.10 -24.41	18.98 1.54 0.00	16.05 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.51 0.91 0.00	11.09 0.66 -3.37	9.51 0.80 -0.01	10.36 0.79 0.00	28.70 1.31 -12.36	39.66 1.46 -20.29	36.60 2.42 -7.30	36.20 3.11 -0.90	35.46 2.77 -5.32	37.83 3.09 -3.48	41.65 3.82 -0.01	185.02 14.90 0.00	328.74 23.98 0.00	100.38 6.69 0.00	63.27 4.19 0.00	50.06 3.50 0.00	44.60 2.81 0.00
HOLTSVILLE_IC_2 23691	28.82 0.83 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.63 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.34	9.48 0.77 -0.01	10.34 0.76 0.00	28.57 1.27 -12.26	39.49 1.42 -20.17	36.47 2.33 -7.27	36.08 2.99 -0.90	35.35 2.66 -5.32	37.67 2.93 -3.48	41.43 3.59 -0.01	184.05 13.93 0.00	326.94 22.18 0.00	99.84 6.16 0.00	62.97 3.88 0.00	49.83 3.26 0.00	44.43 2.63 0.00
HOLTSVILLE_IC_3 23692	28.82 0.83 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.63 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.34	9.48 0.77 -0.01	10.34 0.76 0.00	28.57 1.27 -12.26	39.49 1.42 -20.17	36.47 2.33 -7.27	36.08 2.99 -0.90	35.35 2.66 -5.32	37.67 2.93 -3.48	41.43 3.59 -0.01	184.05 13.93 0.00	326.94 22.18 0.00	99.84 6.16 0.00	62.97 3.88 0.00	49.83 3.26 0.00	44.43 2.63 0.00
HOLTSVILLE_IC_4 23693	28.82 0.83 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.63 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.34	9.48 0.77 -0.01	10.34 0.76 0.00	28.57 1.27 -12.26	39.49 1.42 -20.17	36.47 2.33 -7.27	36.08 2.99 -0.90	35.35 2.66 -5.32	37.67 2.93 -3.48	41.43 3.59 -0.01	184.05 13.93 0.00	326.94 22.18 0.00	99.84 6.16 0.00	62.97 3.88 0.00	49.83 3.26 0.00	44.43 2.63 0.00
HOLTSVILLE_IC_5 23694	28.82 0.83 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.63 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.34	9.48 0.77 -0.01	10.34 0.76 0.00	28.57 1.27 -12.26	39.49 1.42 -20.17	36.47 2.33 -7.27	36.08 2.99 -0.90	35.35 2.66 -5.32	37.67 2.93 -3.48	41.43 3.59 -0.01	184.05 13.93 0.00	326.94 22.18 0.00	99.84 6.16 0.00	62.97 3.88 0.00	49.83 3.26 0.00	44.43 2.63 0.00
HOLTSVILLE_IC_6 23695	28.86 0.86 -18.95	24.03 -0.31 -27.82	23.20 -0.10 -24.41	18.98 1.54 0.00	16.05 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.51 0.91 0.00	11.09 0.66 -3.37	9.51 0.80 -0.01	10.36 0.79 0.00	28.70 1.31 -12.36	39.66 1.46 -20.29	36.60 2.42 -7.30	36.20 3.11 -0.90	35.46 2.77 -5.32	37.83 3.09 -3.48	41.65 3.82 -0.01	185.02 14.90 0.00	328.74 23.98 0.00	100.38 6.69 0.00	63.27 4.19 0.00	50.06 3.50 0.00	44.60 2.81 0.00
HOLTSVILLE_IC_7 23696	28.86 0.86 -18.95	24.03 -0.31 -27.82	23.20 -0.10 -24.41	18.98 1.54 0.00	16.05 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.51 0.91 0.00	11.09 0.66 -3.37	9.51 0.80 -0.01	10.36 0.79 0.00	28.70 1.31 -12.36	39.66 1.46 -20.29	36.60 2.42 -7.30	36.20 3.11 -0.90	35.46 2.77 -5.32	37.83 3.09 -3.48	41.65 3.82 -0.01	185.02 14.90 0.00	328.74 23.98 0.00	100.38 6.69 0.00	63.27 4.19 0.00	50.06 3.50 0.00	44.60 2.81 0.00
HOLTSVILLE_IC_8 23697	28.86 0.86 -18.95	24.03 -0.31 -27.82	23.20 -0.10 -24.41	18.98 1.54 0.00	16.05 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.51 0.91 0.00	11.09 0.66 -3.37	9.51 0.80 -0.01	10.36 0.79 0.00	28.70 1.31 -12.36	39.66 1.46 -20.29	36.60 2.42 -7.30	36.20 3.11 -0.90	35.46 2.77 -5.32	37.83 3.09 -3.48	41.65 3.82 -0.01	185.02 14.90 0.00	328.74 23.98 0.00	100.38 6.69 0.00	63.27 4.19 0.00	50.06 3.50 0.00	44.60 2.81 0.00
HOLTSVILLE_IC_9 23698	28.86 0.86 -18.95	24.03 -0.31 -27.82	23.20 -0.10 -24.41	18.98 1.54 0.00	16.05 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.51 0.91 0.00	11.09 0.66 -3.37	9.51 0.80 -0.01	10.36 0.79 0.00	28.70 1.31 -12.36	39.66 1.46 -20.29	36.60 2.42 -7.30	36.20 3.11 -0.90	35.46 2.77 -5.32	37.83 3.09 -3.48	41.65 3.82 -0.01	185.02 14.90 0.00	328.74 23.98 0.00	100.38 6.69 0.00	63.27 4.19 0.00	50.06 3.50 0.00	44.60 2.81 0.00
HOMER_HL_115KV_TB2 355744	12.21 -0.44 -3.60	2.45 0.18 -5.74	3.99 0.07 -5.04	16.56 -0.88 0.00	14.08 -0.70 0.00	10.17 -0.35 0.00	8.63 -0.28 0.00	10.29 -0.31 0.00	6.88 -0.18 0.00	8.45 -0.26 0.00	9.26 -0.32 0.00	14.47 -0.57 0.00	17.07 -0.76 0.07	23.40 -1.08 2.41	29.82 -1.57 0.80	24.92 -1.33 1.11	28.92 -1.75 0.60	35.69 -2.14 0.00	161.62 -8.01 0.49	288.97 -15.79 0.00	108.05 -5.43 -19.80	73.06 -3.66 -17.62	43.56 -3.00 0.00	39.58 -2.22 0.00
HOWARD_WT_PWR 323690	12.59 -0.45 -3.99	3.04 0.16 -6.36	4.52 0.05 -5.58	16.64 -0.80 0.00	14.08 -0.70 0.00	10.08 -0.45 0.00	8.54 -0.36 0.00	10.11 -0.50 0.00	6.71 -0.35 0.00	8.20 -0.51 0.00	9.01 -0.56 0.00	14.09 -0.95 0.00	17.37 -1.12 -0.59	46.41 -1.44 -20.97	37.54 -1.65 -7.00	35.78 -1.21 -9.63	35.26 -1.26 -5.25	36.55 -1.38 -0.10	171.11 -3.68 -4.67	302.73 -3.37 -1.34	109.60 -0.93 -16.85	72.88 -0.42 -14.22	45.53 -1.04 0.00	40.62 -1.18 0.00
HQ_GEN_CEDARS 23644	8.82 -0.22 0.00	-3.39 0.08 0.00	-1.09 0.03 0.00	17.03 -0.41 0.00	14.45 -0.32 0.00	10.32 -0.20 0.00	8.77 -0.14 0.00	10.44 -0.16 0.00	7.01 -0.05 0.00	8.69 -0.01 0.00	9.56 -0.02 0.00	14.97 -0.07 0.00	17.79 -0.10 0.00	26.58 -0.30 0.00	31.79 -0.40 0.00	26.89 -0.47 0.00	30.74 -0.53 0.00	37.27 -0.56 0.00	167.21 -2.91 0.00	300.29 -4.47 0.00	92.57 -1.11 0.00	58.38 -0.71 0.00	46.00 -0.57 0.00	41.37 -0.43 0.00
HQ_GEN_CEDARS_PROXY 323590	8.45 -0.22 0.37	-3.39 0.08 0.00	-1.09 0.03 0.00	17.03 -0.41 0.00	14.45 -0.32 0.00	10.32 -0.20 0.00	8.77 -0.14 0.00	10.44 -0.16 0.00	7.01 -0.05 0.00	8.69 -0.01 0.00	9.56 -0.02 0.00	14.97 -0.07 0.00	17.79 -0.10 0.00	26.58 -0.30 0.00	31.79 -0.39 0.00	26.89 -0.47 0.00	30.74 -0.53 0.00	37.27 -0.56 0.00	167.20 -2.92 0.00	300.29 -4.47 0.00	92.56 -1.12 0.00	58.36 -0.73 0.00	46.00 -0.57 0.00	41.37 -0.43 0.00

HQ_GEN_CHPE_PROXY 323851	25.69 0.75 -15.90	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.27 1.24 0.00	26.14 1.48 -6.77	33.75 2.29 -4.58	36.20 2.90 -1.11	36.56 2.64 -6.55	38.57 3.01 -4.29	41.53 3.69 -0.01	186.29 16.17 0.00	330.59 25.83 0.00	101.03 7.34 0.00	63.25 4.17 0.00	49.91 3.35 0.00	44.61 2.81 0.00
HQ_GEN_IMPORT 323601	7.41 -0.06 1.57	-3.45 0.02 0.00	-1.10 0.01 0.00	17.33 -0.11 0.00	14.69 -0.09 0.00	10.45 -0.07 0.00	8.87 -0.04 0.00	10.56 -0.04 0.00	7.07 0.01 0.00	8.74 0.04 0.00	9.62 0.05 0.00	15.11 0.07 0.00	17.98 0.08 0.00	26.96 0.08 0.00	32.27 0.08 0.00	27.41 0.04 0.00	31.32 0.05 0.00	37.91 0.08 0.00	170.33 0.21 0.00	305.28 0.53 0.00	93.88 0.20 0.00	59.22 0.13 0.00	46.66 0.10 0.00	41.87 0.08 0.00
HQ_GEN_WHEEL 23651	7.41 -0.06 1.57	-3.45 0.02 0.00	-1.10 0.01 0.00	17.33 -0.11 0.00	14.69 -0.09 0.00	10.45 -0.07 0.00	8.87 -0.04 0.00	10.56 -0.04 0.00	7.07 0.01 0.00	8.74 0.04 0.00	9.62 0.05 0.00	15.11 0.07 0.00	17.98 0.08 0.00	26.96 0.08 0.00	32.27 0.08 0.00	27.41 0.04 0.00	31.32 0.05 0.00	37.91 0.08 0.00	170.33 0.21 0.00	305.28 0.53 0.00	93.88 0.20 0.00	59.22 0.13 0.00	46.66 0.10 0.00	41.87 0.08 0.00
HUDSON_AVE_GT_3 23810	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.77 1.33 0.00	15.89 1.11 0.00	11.35 0.83 0.00	9.55 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.65 0.00	10.32 0.75 0.00	16.32 1.28 0.00	26.37 1.53 -6.94	33.97 2.39 -4.70	36.34 3.01 -1.14	36.83 2.75 -6.72	38.80 3.14 -4.40	41.68 3.85 0.00	187.05 16.93 0.00	331.84 27.08 0.00	101.42 7.73 0.00	63.52 4.43 0.00	50.07 3.50 0.00	44.75 2.96 0.00
HUDSON_AVE_GT_4 23540	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.77 1.33 0.00	15.89 1.11 0.00	11.35 0.83 0.00	9.55 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.65 0.00	10.32 0.75 0.00	16.32 1.28 0.00	26.37 1.53 -6.94	33.97 2.39 -4.70	36.34 3.01 -1.14	36.83 2.75 -6.72	38.80 3.14 -4.40	41.68 3.85 0.00	187.05 16.93 0.00	331.84 27.08 0.00	101.42 7.73 0.00	63.52 4.43 0.00	50.07 3.50 0.00	44.75 2.96 0.00
HUDSON_AVE_GT_5 23657	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.77 1.33 0.00	15.89 1.11 0.00	11.35 0.83 0.00	9.55 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.65 0.00	10.32 0.75 0.00	16.32 1.28 0.00	26.37 1.53 -6.94	33.97 2.39 -4.70	36.34 3.01 -1.14	36.83 2.75 -6.72	38.80 3.14 -4.40	41.68 3.85 0.00	187.05 16.93 0.00	331.84 27.08 0.00	101.42 7.73 0.00	63.52 4.43 0.00	50.07 3.50 0.00	44.75 2.96 0.00
HUDSON_AVE_10 24168	27.23 0.72 -17.46	24.08 -0.26 -27.81	23.20 -0.09 -24.41	18.68 1.24 0.00	15.82 1.04 0.00	11.30 0.78 0.00	9.51 0.60 0.00	11.32 0.72 0.00	7.54 0.49 0.00	9.31 0.61 0.00	10.28 0.70 0.00	16.24 1.21 0.00	26.01 1.43 -6.68	33.64 2.23 -4.54	36.10 2.82 -1.09	36.41 2.58 -6.46	38.45 2.96 -4.23	41.50 3.66 0.00	186.11 15.99 0.00	330.24 25.48 0.00	100.94 7.26 0.00	63.26 4.17 0.00	49.87 3.31 0.00	44.56 2.77 0.00
HUDSON___115KV_TB 4 355613	29.14 0.45 -19.64	27.64 -0.17 -31.27	26.27 -0.05 -27.44	18.26 0.82 0.00	15.46 0.68 0.00	10.99 0.47 0.00	9.25 0.34 0.00	10.95 0.35 0.00	7.21 0.15 0.00	8.82 0.11 0.00	9.73 0.15 0.00	15.30 0.26 0.00	18.26 0.36 0.00	27.48 0.60 0.00	32.94 0.75 0.00	27.99 0.62 0.00	32.14 0.88 0.00	38.81 0.98 0.00	174.73 4.61 0.00	313.82 9.06 0.00	96.89 3.21 0.00	61.21 2.12 0.00	48.18 1.62 0.00	43.14 1.35 0.00
HUNTER MOUNT___DRP 323613	28.83 0.47 -19.31	27.12 -0.17 -30.75	25.82 -0.05 -26.98	18.29 0.85 0.00	15.48 0.70 0.00	11.00 0.48 0.00	9.27 0.36 0.00	10.98 0.37 0.00	7.21 0.16 0.00	8.83 0.12 0.00	9.73 0.15 0.00	15.31 0.27 0.00	18.27 0.38 0.00	27.53 0.65 0.00	32.98 0.79 0.00	28.04 0.67 0.00	32.24 0.97 0.00	38.97 1.14 0.00	175.09 4.97 0.00	314.23 9.47 0.00	97.20 3.52 0.00	61.45 2.36 0.00	48.36 1.79 0.00	43.26 1.47 0.00
HUNTINGTON_RES_REC 323705	28.82 0.81 -18.96	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.86 1.42 0.00	15.94 1.17 0.00	11.39 0.86 0.00	9.60 0.69 0.00	11.43 0.83 0.00	11.04 0.60 -3.38	9.43 0.72 -0.01	10.31 0.74 0.00	28.68 1.24 -12.40	39.66 1.42 -20.34	36.55 2.36 -7.31	36.19 3.10 -0.90	35.46 2.78 -5.32	37.73 2.98 -3.48	41.48 3.65 -0.01	184.65 14.53 0.00	328.05 23.30 0.00	100.10 6.42 0.00	63.00 3.91 0.00	49.83 3.27 0.00	44.46 2.66 0.00
HUNTLEY___63 23557	11.65 -0.49 -3.10	1.65 0.19 -4.93	3.27 0.06 -4.33	16.33 -1.11 0.00	13.91 -0.87 0.00	10.07 -0.45 0.00	8.50 -0.41 0.00	10.21 -0.39 0.00	6.84 -0.22 0.00	8.38 -0.32 0.00	9.18 -0.39 0.00	14.32 -0.72 0.00	16.66 -1.04 0.20	18.54 -1.40 6.94	27.95 -1.93 2.32	22.59 -1.59 3.18	27.40 -2.13 1.74	35.15 -2.68 0.00	157.71 -10.99 1.41	284.98 -19.78 0.00	114.27 -6.17 -26.77	79.16 -3.74 -23.81	43.26 -3.30 0.00	39.49 -2.31 0.00
HUNTLEY___64 23558	11.65 -0.49 -3.10	1.65 0.19 -4.93	3.27 0.06 -4.33	16.33 -1.11 0.00	13.91 -0.87 0.00	10.07 -0.45 0.00	8.50 -0.41 0.00	10.21 -0.39 0.00	6.84 -0.22 0.00	8.38 -0.32 0.00	9.18 -0.39 0.00	14.32 -0.72 0.00	16.66 -1.04 0.20	18.54 -1.40 6.94	27.95 -1.93 2.32	22.59 -1.59 3.18	27.40 -2.13 1.74	35.15 -2.68 0.00	157.71 -10.99 1.41	284.98 -19.78 0.00	114.27 -6.17 -26.77	79.16 -3.74 -23.81	43.26 -3.30 0.00	39.49 -2.31 0.00
HUNTLEY___65 23559	11.65 -0.49 -3.10	1.65 0.19 -4.93	3.27 0.06 -4.33	16.33 -1.11 0.00	13.91 -0.87 0.00	10.07 -0.45 0.00	8.50 -0.41 0.00	10.21 -0.39 0.00	6.84 -0.22 0.00	8.38 -0.32 0.00	9.18 -0.39 0.00	14.32 -0.72 0.00	16.66 -1.04 0.20	18.54 -1.40 6.94	27.95 -1.93 2.32	22.59 -1.59 3.18	27.40 -2.13 1.74	35.15 -2.68 0.00	157.71 -10.99 1.41	284.98 -19.78 0.00	114.27 -6.17 -26.77	79.16 -3.74 -23.81	43.26 -3.30 0.00	39.49 -2.31 0.00
HUNTLEY___66 23560	11.65 -0.49 -3.10	1.65 0.19 -4.93	3.27 0.06 -4.33	16.33 -1.11 0.00	13.91 -0.87 0.00	10.07 -0.45 0.00	8.50 -0.41 0.00	10.21 -0.39 0.00	6.84 -0.22 0.00	8.38 -0.32 0.00	9.18 -0.39 0.00	14.32 -0.72 0.00	16.66 -1.04 0.20	18.54 -1.40 6.94	27.95 -1.93 2.32	22.59 -1.59 3.18	27.40 -2.13 1.74	35.15 -2.68 0.00	157.71 -10.99 1.41	284.98 -19.78 0.00	114.27 -6.17 -26.77	79.16 -3.74 -23.81	43.26 -3.30 0.00	39.49 -2.31 0.00
HUNTLEY___67 23561	11.57 -0.62 -3.14	1.77 0.24 -4.99	3.34 0.07 -4.38	16.11 -1.34 0.00	13.71 -1.07 0.00	9.92 -0.60 0.00	8.38 -0.53 0.00	10.07 -0.53 0.00	6.75 -0.31 0.00	8.28 -0.43 0.00	9.08 -0.50 0.00	14.15 -0.88 0.00	16.45 -1.22 0.22	17.34 -1.75 7.78	27.27 -2.32 2.60	21.85 -1.95 3.57	26.79 -2.53 1.95	34.61 -3.22 0.00	154.77 -13.76 1.59	279.27 -25.49 0.00	117.39 -7.93 -31.63	82.37 -4.86 -28.14	42.45 -4.12 0.00	38.76 -3.04 0.00

HUNTLEY___68 23562	11.57 -0.62 -3.14	1.77 0.24 -4.99	3.34 0.07 -4.38	16.11 -1.34 0.00	13.71 -1.07 0.00	9.92 -0.60 0.00	8.38 -0.53 0.00	10.07 -0.53 0.00	6.75 -0.31 0.00	8.28 -0.43 0.00	9.08 -0.50 0.00	14.15 -0.88 0.00	16.45 -1.22 0.22	17.34 -1.75 7.78	27.27 -2.32 2.60	21.85 -1.95 3.57	26.79 -2.53 1.95	34.61 -3.22 0.00	154.77 -13.76 1.59	279.27 -25.49 0.00	117.39 -7.93 -31.63	82.37 -4.86 -28.14	42.45 -4.12 0.00	38.76 -3.04 0.00
HYLAND___LFGE 323620	12.41 0.07 -3.29	1.75 -0.02 -5.25	3.48 -0.01 -4.60	17.48 0.04 0.00	14.83 0.05 0.00	10.65 0.12 0.00	8.99 0.08 0.00	10.62 0.02 0.00	6.92 -0.13 0.00	8.46 -0.24 0.00	9.29 -0.29 0.00	14.53 -0.50 0.00	17.95 -0.61 -0.67	49.75 -0.81 -23.67	39.18 -0.92 -7.90	37.50 -0.73 -10.87	36.41 -0.79 -5.93	37.03 -0.82 -0.02	173.35 -1.60 -4.83	309.71 4.95 0.00	109.04 3.00 -12.35	72.36 2.28 -10.99	47.57 1.00 0.00	42.65 0.86 0.00
INDECK___CORINTH 23802	30.09 0.51 -20.54	29.03 -0.20 -32.70	27.52 -0.06 -28.69	18.41 0.97 0.00	15.56 0.79 0.00	11.08 0.55 0.00	9.37 0.47 0.00	11.10 0.50 0.00	7.28 0.21 0.00	8.93 0.23 0.00	9.87 0.29 0.00	15.54 0.51 0.00	18.55 0.65 0.00	27.83 0.95 0.00	33.29 1.10 0.00	28.27 0.90 0.00	32.67 1.40 0.00	39.61 1.77 0.00	179.14 9.02 0.00	322.10 17.34 0.00	99.54 5.86 0.00	62.80 3.71 0.00	49.37 2.81 0.00	44.02 2.23 0.00
INDECK___ILION 23567	9.58 0.53 0.00	-3.66 -0.19 0.00	-1.17 -0.05 0.00	18.37 0.93 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.32 0.41 0.00	10.89 0.30 0.00	7.05 0.00 0.00	8.52 -0.19 0.00	9.45 -0.12 0.00	14.78 -0.26 0.00	17.53 -0.37 0.00	26.43 -0.45 0.00	31.52 -0.67 0.00	26.95 -0.42 0.00	31.34 0.07 0.00	38.54 0.71 0.00	176.14 6.02 0.00	320.55 15.79 0.00	98.78 5.10 0.00	62.24 3.15 0.00	49.29 2.73 0.00	43.86 2.07 0.00
INDECK___OLEAN 23982	12.21 -0.44 -3.60	2.45 0.18 -5.74	3.99 0.07 -5.04	16.55 -0.88 0.00	14.08 -0.70 0.00	10.17 -0.35 0.00	8.63 -0.28 0.00	10.29 -0.31 0.00	6.88 -0.18 0.00	8.45 -0.26 0.00	9.26 -0.32 0.00	14.47 -0.57 0.00	17.07 -0.76 0.07	23.42 -1.05 2.41	29.84 -1.54 0.80	24.95 -1.31 1.11	28.93 -1.73 0.60	35.71 -2.12 0.00	161.56 -8.06 0.49	288.67 -16.09 0.00	108.12 -5.36 -19.80	73.37 -3.34 -17.62	43.57 -2.99 0.00	39.57 -2.23 0.00
INDECK___OSWEGO 23783	10.34 -0.21 -1.50	-0.99 0.08 -2.40	1.01 0.02 -2.10	17.01 -0.43 0.00	14.43 -0.35 0.00	10.29 -0.23 0.00	8.70 -0.21 0.00	10.35 -0.25 0.00	6.88 -0.18 0.00	8.46 -0.25 0.00	9.29 -0.29 0.00	14.57 -0.47 0.00	17.33 -0.57 0.00	26.05 -0.83 0.00	31.18 -1.00 0.00	26.53 -0.84 0.00	30.22 -1.06 0.00	37.32 -1.30 -0.78	168.13 -5.59 -3.59	308.61 -9.04 -12.89	102.95 -2.72 -11.99	60.53 -1.72 -3.16	45.15 -1.43 -0.02	40.58 -1.21 0.00
INDECK___YERKES 23781	11.65 -0.49 -3.10	1.65 0.19 -4.93	3.27 0.06 -4.33	16.34 -1.10 0.00	13.92 -0.86 0.00	10.07 -0.45 0.00	8.50 -0.41 0.00	10.21 -0.38 0.00	6.84 -0.21 0.00	8.39 -0.31 0.00	9.19 -0.38 0.00	14.33 -0.70 0.00	16.69 -1.01 0.20	18.61 -1.33 6.94	28.00 -1.87 2.32	22.65 -1.53 3.18	27.45 -2.08 1.74	35.20 -2.62 0.00	157.85 -10.85 1.41	284.80 -19.96 0.00	114.46 -5.99 -26.77	79.60 -3.31 -23.81	43.31 -3.25 0.00	39.51 -2.28 0.00
INDIAN POINT_GT_1 24139	27.10 0.67 -17.38	23.96 -0.25 -27.68	23.09 -0.08 -24.28	18.60 1.16 0.00	15.74 0.96 0.00	11.24 0.71 0.00	9.46 0.55 0.00	11.26 0.66 0.00	7.49 0.43 0.00	9.23 0.52 0.00	10.18 0.60 0.00	16.06 1.02 0.00	17.97 1.24 1.17	28.05 1.96 0.79	34.50 2.51 0.19	28.55 2.31 1.13	33.16 2.63 0.74	41.09 3.25 0.00	184.41 14.29 0.00	328.02 23.26 0.00	100.26 6.58 0.00	62.90 3.81 0.00	49.55 2.99 0.00	44.27 2.48 0.00
INDIAN POINT_GT_2 23659	27.10 0.67 -17.38	23.96 -0.25 -27.68	23.09 -0.08 -24.28	18.60 1.16 0.00	15.74 0.96 0.00	11.24 0.71 0.00	9.46 0.55 0.00	11.26 0.66 0.00	7.49 0.43 0.00	9.23 0.52 0.00	10.18 0.60 0.00	16.06 1.02 0.00	17.97 1.24 1.17	28.05 1.96 0.79	34.50 2.51 0.19	28.55 2.31 1.13	33.16 2.63 0.74	41.09 3.25 0.00	184.41 14.29 0.00	328.02 23.26 0.00	100.26 6.58 0.00	62.90 3.81 0.00	49.55 2.99 0.00	44.27 2.48 0.00
INDIAN POINT_GT_3 24019	27.10 0.67 -17.38	23.96 -0.25 -27.68	23.09 -0.08 -24.28	18.60 1.16 0.00	15.74 0.96 0.00	11.24 0.71 0.00	9.46 0.55 0.00	11.26 0.66 0.00	7.49 0.43 0.00	9.23 0.52 0.00	10.18 0.60 0.00	16.06 1.02 0.00	17.97 1.24 1.17	28.05 1.96 0.79	34.50 2.51 0.19	28.55 2.31 1.13	33.16 2.63 0.74	41.09 3.25 0.00	184.41 14.29 0.00	328.02 23.26 0.00	100.26 6.58 0.00	62.90 3.81 0.00	49.55 2.99 0.00	44.27 2.48 0.00
INDIAN POINT___2 23530	26.96 0.66 -17.25	23.74 -0.25 -27.46	22.90 -0.08 -24.09	18.59 1.15 0.00	15.73 0.95 0.00	11.23 0.71 0.00	9.46 0.55 0.00	11.25 0.65 0.00	7.48 0.42 0.00	9.22 0.52 0.00	10.17 0.60 0.00	16.05 1.02 0.00	17.97 1.23 1.16	28.05 1.95 0.78	34.49 2.50 0.19	28.54 2.30 1.12	33.15 2.61 0.73	41.05 3.22 0.00	184.33 14.22 0.00	328.00 23.25 0.00	100.21 6.52 0.00	62.84 3.75 0.00	49.53 2.96 0.00	44.26 2.47 0.00
INDIAN POINT___3 23531	27.09 0.66 -17.39	23.97 -0.25 -27.68	23.10 -0.08 -24.29	18.59 1.15 0.00	15.73 0.96 0.00	11.23 0.71 0.00	9.46 0.55 0.00	11.25 0.65 0.00	7.48 0.42 0.00	9.22 0.52 0.00	10.17 0.59 0.00	16.05 1.02 0.00	18.03 1.22 1.10	28.07 1.94 0.74	34.48 2.48 0.18	28.58 2.28 1.06	33.17 2.59 0.69	41.04 3.21 0.00	184.22 14.11 0.00	327.70 22.94 0.00	100.17 6.48 0.00	62.84 3.75 0.00	49.51 2.94 0.00	44.25 2.45 0.00
INDIANHD_69_KV_BK1 55831	28.84 0.83 -18.96	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.91 1.47 0.00	15.99 1.21 0.00	11.42 0.89 0.00	9.62 0.71 0.00	11.46 0.86 0.00	11.05 0.62 -3.38	9.46 0.75 -0.01	10.33 0.76 0.00	28.70 1.28 -12.39	39.68 1.46 -20.33	36.61 2.43 -7.30	36.27 3.18 -0.90	35.53 2.85 -5.32	37.84 3.09 -3.48	41.63 3.80 0.00	185.23 15.12 0.00	329.04 24.28 0.00	100.43 6.74 0.00	63.27 4.18 0.00	49.99 3.43 0.00	44.56 2.77 0.00
INGHAM_C_115KV_TB7 356103	9.58 0.53 0.00	-3.66 -0.19 0.00	-1.17 -0.05 0.00	18.37 0.93 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.32 0.41 0.00	10.89 0.30 0.00	7.05 0.00 0.00	8.52 -0.19 0.00	9.45 -0.12 0.00	14.78 -0.26 0.00	17.53 -0.37 0.00	26.43 -0.45 0.00	31.52 -0.67 0.00	26.95 -0.42 0.00	31.34 0.07 0.00	38.54 0.71 0.00	176.14 6.02 0.00	320.55 15.79 0.00	98.78 5.10 0.00	62.24 3.15 0.00	49.29 2.73 0.00	43.86 2.07 0.00
IP CORINTH___1 23988	30.09 0.51 -20.54	29.03 -0.20 -32.70	27.52 -0.06 -28.69	18.41 0.97 0.00	15.56 0.79 0.00	11.08 0.55 0.00	9.37 0.47 0.00	11.10 0.50 0.00	7.28 0.21 0.00	8.93 0.23 0.00	9.87 0.30 0.00	15.54 0.50 0.00	18.55 0.65 0.00	27.84 0.96 0.00	33.29 1.11 0.00	28.27 0.90 0.00	32.67 1.40 0.00	39.61 1.78 0.00	179.14 9.02 0.00	322.11 17.35 0.00	99.54 5.86 0.00	62.80 3.71 0.00	49.37 2.81 0.00	44.02 2.23 0.00

IP__TICONDEROGA 23804	30.22 0.65 -20.52	28.94 -0.26 -32.67	27.47 -0.08 -28.66	18.80 1.36 0.00	15.81 1.04 0.00	11.25 0.73 0.00	9.58 0.67 0.00	11.32 0.73 0.00	7.32 0.27 0.00	9.03 0.32 0.00	10.05 0.47 0.00	15.82 0.78 0.00	18.91 1.02 0.00	28.30 1.43 0.00	33.67 1.48 0.00	28.67 1.31 0.00	33.43 2.16 0.00	40.69 2.86 0.00	184.22 14.10 0.00	330.13 25.37 0.00	103.76 10.08 0.00	65.10 6.01 0.00	51.27 4.70 0.00	45.46 3.67 0.00
ISLIP_RES_REC 323679	28.89 0.88 -18.96	24.03 -0.32 -27.82	23.20 -0.10 -24.41	19.02 1.57 0.00	16.08 1.30 0.00	11.49 0.96 0.00	9.68 0.78 0.00	11.54 0.94 0.00	11.12 0.68 -3.39	9.53 0.81 -0.01	10.38 0.80 0.00	28.80 1.34 -12.42	39.77 1.51 -20.37	36.68 2.49 -7.32	36.28 3.20 -0.90	35.54 2.85 -5.32	37.94 3.20 -3.48	41.80 3.96 -0.01	185.74 15.62 0.00	329.97 25.20 0.00	100.77 7.09 0.00	63.53 4.44 0.00	50.23 3.67 0.00	44.73 2.93 0.00
JAMAICA__27_KV_LOAD 355505	27.26 0.75 -17.46	24.06 -0.28 -27.81	23.20 -0.10 -24.41	18.75 1.32 0.00	15.88 1.10 0.00	11.34 0.82 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.64 0.00	10.31 0.74 0.00	16.29 1.26 0.00	26.05 1.47 -6.68	33.69 2.27 -4.54	36.16 2.88 -1.09	36.45 2.62 -6.46	38.54 3.05 -4.23	41.66 3.82 0.00	186.86 16.74 0.00	331.55 26.79 0.00	101.39 7.71 0.00	63.61 4.53 0.00	50.08 3.52 0.00	44.73 2.94 0.00
JANIS__SOLAR 323808	14.91 0.19 -5.67	5.47 -0.08 -9.02	6.77 -0.03 -7.92	17.93 0.49 0.00	15.21 0.43 0.00	10.87 0.34 0.00	9.17 0.27 0.00	10.83 0.23 0.00	7.10 0.04 0.00	8.68 -0.03 0.00	9.46 -0.12 0.00	14.69 -0.35 0.00	17.47 -0.46 -0.04	27.64 -0.67 -1.44	31.92 -0.75 -0.48	27.61 -0.41 -0.66	31.33 -0.30 -0.36	38.15 0.16 -0.16	175.43 4.30 -1.01	320.84 13.54 -2.54	103.40 4.41 -5.31	64.95 2.62 -3.25	48.36 1.79 0.00	43.26 1.47 0.00
JARVIS____ 23743	9.10 0.06 0.00	-3.50 -0.03 0.00	-1.12 -0.01 0.00	17.55 0.11 0.00	14.87 0.09 0.00	10.59 0.07 0.00	8.96 0.05 0.00	10.65 0.05 0.00	7.07 0.01 0.00	8.71 0.01 0.00	9.58 0.01 0.00	15.05 0.01 0.00	17.91 0.02 0.00	26.91 0.03 0.00	32.23 0.04 0.00	27.42 0.06 0.00	31.33 0.06 0.00	37.92 0.09 0.00	170.63 0.51 0.00	305.69 0.93 0.00	93.97 0.28 0.00	59.27 0.18 0.00	46.71 0.15 0.00	41.93 0.13 0.00
JENNISON__1 23625	17.11 0.22 -7.84	8.92 -0.10 -12.49	9.80 -0.04 -10.96	18.10 0.66 0.00	15.36 0.58 0.00	10.96 0.44 0.00	9.22 0.32 0.00	10.96 0.36 0.00	7.23 0.18 0.00	8.88 0.18 0.00	9.70 0.12 0.00	15.12 0.08 0.00	17.95 0.06 0.00	26.97 0.09 0.00	32.24 0.05 0.00	27.65 0.28 0.00	31.89 0.62 0.00	39.17 1.24 -0.10	178.67 8.09 -0.47	323.52 17.08 -1.68	102.88 5.06 -4.14	64.54 2.75 -2.71	48.73 2.17 0.00	43.56 1.76 0.00
JENNISON__2 23626	17.11 0.22 -7.84	8.92 -0.10 -12.49	9.80 -0.04 -10.96	18.10 0.66 0.00	15.36 0.58 0.00	10.96 0.44 0.00	9.22 0.32 0.00	10.96 0.36 0.00	7.23 0.18 0.00	8.88 0.18 0.00	9.70 0.12 0.00	15.12 0.08 0.00	17.95 0.06 0.00	26.97 0.09 0.00	32.24 0.05 0.00	27.65 0.28 0.00	31.89 0.62 0.00	39.17 1.24 -0.10	178.67 8.09 -0.47	323.52 17.08 -1.68	102.88 5.06 -4.14	64.54 2.75 -2.71	48.73 2.17 0.00	43.56 1.76 0.00
JERICHO_RISE_WT_PWR 323719	8.68 -0.37 0.00	-3.34 0.13 0.00	-1.07 0.04 0.00	16.85 -0.59 0.00	14.30 -0.47 0.00	10.21 -0.31 0.00	8.71 -0.20 0.00	10.36 -0.24 0.00	6.96 -0.10 0.00	8.66 -0.05 0.00	9.55 -0.03 0.00	14.99 -0.05 0.00	17.82 -0.07 0.00	26.63 -0.25 0.00	31.81 -0.38 0.00	26.93 -0.44 0.00	30.75 -0.52 0.00	37.32 -0.51 0.00	168.06 -2.06 0.00	301.83 -2.93 0.00	92.95 -0.74 0.00	58.57 -0.52 0.00	46.15 -0.42 0.00	41.33 -0.46 0.00
KATONAH__115KV_46KV_TB4 355592	27.38 0.70 -17.64	24.35 -0.26 -28.08	23.44 -0.08 -24.64	18.65 1.21 0.00	15.78 1.00 0.00	11.26 0.74 0.00	9.48 0.58 0.00	11.29 0.69 0.00	7.51 0.45 0.00	9.26 0.56 0.00	10.22 0.64 0.00	16.13 1.09 0.00	19.37 1.33 -0.14	29.06 2.08 -0.09	34.87 2.66 -0.02	29.93 2.43 -0.14	34.17 2.81 -0.09	41.31 3.47 0.00	185.40 15.29 0.00	329.38 24.62 0.00	100.72 7.03 0.00	63.19 4.10 0.00	49.76 3.19 0.00	44.43 2.63 0.00
KCE_NY_1 323755	30.01 0.47 -20.49	28.98 -0.18 -32.64	27.46 -0.06 -28.63	18.33 0.89 0.00	15.50 0.72 0.00	11.03 0.50 0.00	9.32 0.41 0.00	11.04 0.44 0.00	7.26 0.20 0.00	8.91 0.21 0.00	9.83 0.25 0.00	15.48 0.44 0.00	18.46 0.56 0.00	27.72 0.84 0.00	33.25 1.06 0.00	28.22 0.86 0.00	32.55 1.28 0.00	39.44 1.61 0.00	177.90 7.78 0.00	318.95 14.19 0.00	98.32 4.63 0.00	61.98 2.89 0.00	48.83 2.26 0.00	43.64 1.84 0.00
KCE_NY_6_ESR 323823	11.77 -0.54 -3.26	1.93 0.21 -5.18	3.50 0.07 -4.55	16.24 -1.20 0.00	13.83 -0.95 0.00	10.00 -0.52 0.00	8.45 -0.45 0.00	10.13 -0.47 0.00	6.79 -0.26 0.00	8.34 -0.36 0.00	9.14 -0.43 0.00	14.27 -0.77 0.00	16.61 -1.06 0.23	17.37 -1.49 8.01	27.50 -2.01 2.67	22.03 -1.65 3.68	27.08 -2.18 2.01	35.08 -2.74 0.01	157.02 -11.46 1.63	283.44 -21.32 0.00	115.94 -6.50 -28.75	80.92 -3.75 -25.58	43.05 -3.51 0.00	39.20 -2.60 0.00
KEDC_PORT_JEFF_GT2 24210	28.84 0.84 -18.95	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.94 1.50 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.65 0.74 0.00	11.49 0.89 0.00	11.06 0.65 -3.36	9.49 0.78 -0.01	10.35 0.77 0.00	28.65 1.29 -12.32	39.60 1.45 -20.25	36.56 2.39 -7.29	36.18 3.09 -0.90	35.44 2.76 -5.32	37.80 3.06 -3.48	41.56 3.73 -0.01	184.38 14.26 0.00	327.50 22.74 0.00	99.94 6.26 0.00	63.03 3.94 0.00	49.93 3.37 0.00	44.50 2.71 0.00
KEDC_PORT_JEFF_GT3 24211	28.84 0.84 -18.95	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.94 1.50 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.65 0.74 0.00	11.49 0.89 0.00	11.06 0.65 -3.36	9.49 0.78 -0.01	10.35 0.77 0.00	28.65 1.29 -12.32	39.60 1.45 -20.25	36.56 2.39 -7.29	36.18 3.09 -0.90	35.44 2.76 -5.32	37.80 3.06 -3.48	41.56 3.73 -0.01	184.38 14.26 0.00	327.50 22.74 0.00	99.94 6.26 0.00	63.03 3.94 0.00	49.93 3.37 0.00	44.50 2.71 0.00
KEDC_GLWD_GT4 24219	29.68 0.80 -19.83	24.06 -0.30 -27.82	23.20 -0.09 -24.41	18.83 1.39 0.00	15.93 1.16 0.00	11.38 0.85 0.00	9.58 0.67 0.00	11.40 0.80 0.00	12.97 0.55 -5.36	9.39 0.67 -0.02	10.33 0.75 0.00	36.00 1.28 -19.68	48.49 1.53 -29.06	38.73 2.44 -9.42	36.19 3.11 -0.90	35.49 2.80 -5.32	37.88 3.13 -3.48	41.66 3.82 -0.01	185.32 15.20 0.00	329.39 24.63 0.00	100.72 7.04 0.00	63.57 4.48 0.00	50.13 3.57 0.00	44.77 2.98 0.00
KEDC_GLWD_GT5 24220	29.68 0.80 -19.83	24.06 -0.30 -27.82	23.20 -0.09 -24.41	18.83 1.39 0.00	15.93 1.16 0.00	11.38 0.85 0.00	9.58 0.67 0.00	11.40 0.80 0.00	12.97 0.55 -5.36	9.39 0.67 -0.02	10.33 0.75 0.00	36.00 1.28 -19.68	48.49 1.53 -29.06	38.73 2.44 -9.42	36.19 3.11 -0.90	35.49 2.80 -5.32	37.88 3.13 -3.48	41.66 3.82 -0.01	185.32 15.20 0.00	329.39 24.63 0.00	100.72 7.04 0.00	63.57 4.48 0.00	50.13 3.57 0.00	44.77 2.98 0.00

KENSICO____ 23655	27.20 0.70 -17.46	24.07 -0.26 -27.80	23.19 -0.09 -24.39	18.65 1.21 0.00	15.78 1.00 0.00	11.27 0.74 0.00	9.49 0.58 0.00	11.29 0.69 0.00	7.51 0.46 0.00	9.26 0.56 0.00	10.21 0.64 0.00	16.12 1.09 0.00	17.75 1.31 1.46	27.96 2.06 0.99	34.58 2.63 0.24	28.35 2.40 1.41	33.09 2.74 0.92	41.21 3.38 0.00	184.90 14.79 0.00	328.69 23.93 0.00	100.48 6.80 0.00	63.04 3.95 0.00	49.67 3.11 0.00	44.39 2.59 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.62 0.71 -16.86	23.12 -0.26 -26.85	22.36 -0.09 -23.56	18.67 1.23 0.00	15.80 1.02 0.00	11.27 0.74 0.00	9.49 0.58 0.00	11.29 0.69 0.00	7.49 0.43 0.00	9.20 0.50 0.00	10.13 0.55 0.00	15.94 0.90 0.00	18.87 0.97 0.00	28.43 1.55 0.00	34.22 2.04 0.00	29.32 1.95 0.00	33.62 2.35 0.00	40.94 3.11 0.00	184.79 14.68 0.00	329.49 24.74 0.00	101.45 7.76 0.00	63.64 4.56 0.00	50.03 3.47 0.00	44.62 2.83 0.00
KIAC_JFK_GT1 23816	27.20 0.69 -17.46	24.09 -0.25 -27.81	23.21 -0.09 -24.41	18.65 1.20 0.00	15.80 1.02 0.00	11.28 0.75 0.00	9.49 0.58 0.00	11.29 0.70 0.00	7.52 0.47 0.00	9.29 0.59 0.00	10.26 0.69 0.00	16.21 1.18 0.00	25.95 1.37 -6.68	33.54 2.13 -4.54	35.98 2.70 -1.09	36.30 2.47 -6.46	38.33 2.83 -4.23	41.30 3.46 0.00	185.17 15.05 0.00	328.40 23.64 0.00	100.49 6.80 0.00	63.18 4.09 0.00	49.79 3.22 0.00	44.47 2.68 0.00
KIAC_JFK_GT2 23817	27.20 0.69 -17.46	24.09 -0.25 -27.81	23.21 -0.09 -24.41	18.65 1.20 0.00	15.80 1.02 0.00	11.28 0.75 0.00	9.49 0.58 0.00	11.29 0.70 0.00	7.52 0.47 0.00	9.29 0.59 0.00	10.26 0.69 0.00	16.21 1.18 0.00	25.95 1.37 -6.68	33.54 2.13 -4.54	35.98 2.70 -1.09	36.30 2.47 -6.46	38.33 2.83 -4.23	41.30 3.46 0.00	185.17 15.05 0.00	328.40 23.64 0.00	100.49 6.80 0.00	63.18 4.09 0.00	49.79 3.22 0.00	44.47 2.68 0.00
KIAC_JFK____ 323774	27.20 0.69 -17.46	24.09 -0.25 -27.81	23.21 -0.08 -24.41	18.65 1.21 0.00	15.80 1.02 0.00	11.28 0.75 0.00	9.49 0.58 0.00	11.29 0.70 0.00	7.52 0.47 0.00	9.28 0.59 0.00	10.26 0.69 0.00	16.21 1.18 0.00	25.91 1.33 -6.68	33.52 2.11 -4.54	35.97 2.69 -1.09	36.28 2.45 -6.46	38.31 2.82 -4.23	41.29 3.45 -0.01	185.16 15.03 0.00	328.47 23.71 0.00	100.45 6.77 0.00	63.15 4.06 0.00	49.79 3.23 0.00	44.48 2.68 0.00
KINTIGH_24_KV_GSU 356498	11.26 -0.53 -2.74	1.10 0.20 -4.37	2.78 0.06 -3.83	16.30 -1.14 0.00	13.88 -0.90 0.00	10.02 -0.50 0.00	8.46 -0.45 0.00	10.15 -0.45 0.00	6.79 -0.27 0.00	8.33 -0.38 0.00	9.13 -0.45 0.00	14.25 -0.78 0.00	16.71 -1.06 0.12	20.92 -1.52 4.43	28.67 -2.04 1.48	23.63 -1.70 2.03	27.93 -2.23 1.11	35.01 -2.82 0.00	157.02 -12.19 0.90	282.00 -22.75 0.00	68.11 -6.84 18.73	38.51 -3.92 16.66	42.92 -3.64 0.00	39.13 -2.67 0.00
KINTIGH____ 23543	11.26 -0.53 -2.74	1.10 0.20 -4.37	2.78 0.06 -3.83	16.30 -1.14 0.00	13.87 -0.91 0.00	10.02 -0.51 0.00	8.46 -0.45 0.00	10.15 -0.45 0.00	6.79 -0.27 0.00	8.32 -0.38 0.00	9.12 -0.45 0.00	14.25 -0.79 0.00	16.70 -1.08 0.12	20.87 -1.58 4.43	28.63 -2.08 1.48	23.58 -1.75 2.03	27.89 -2.27 1.11	34.96 -2.87 0.00	156.94 -12.27 0.90	282.15 -22.60 0.00	67.97 -6.98 18.73	38.14 -4.28 16.66	42.90 -3.66 0.00	39.12 -2.67 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	8.76 -0.28 0.00	-3.38 0.10 0.00	-1.08 0.03 0.00	17.02 -0.42 0.00	14.44 -0.34 0.00	10.32 -0.20 0.00	8.81 -0.10 0.00	10.45 -0.14 0.00	6.99 -0.07 0.00	8.71 0.01 0.00	9.61 0.04 0.00	15.10 0.06 0.00	17.98 0.08 0.00	26.82 -0.06 0.00	31.99 -0.20 0.00	27.08 -0.28 0.00	30.98 -0.29 0.00	37.60 -0.23 0.00	169.59 -0.53 0.00	305.13 0.37 0.00	94.11 0.43 0.00	59.14 0.06 0.00	46.64 0.08 0.00	41.75 -0.04 0.00
LACHUTE____HYDRO 323717	30.22 0.65 -20.52	28.94 -0.26 -32.67	27.47 -0.08 -28.66	18.80 1.36 0.00	15.81 1.04 0.00	11.25 0.73 0.00	9.58 0.67 0.00	11.32 0.73 0.00	7.32 0.27 0.00	9.03 0.32 0.00	10.05 0.47 0.00	15.82 0.78 0.00	18.91 1.02 0.00	28.30 1.42 0.00	33.67 1.48 0.00	28.67 1.30 0.00	33.43 2.16 0.00	40.69 2.86 0.00	184.22 14.10 0.00	330.13 25.37 0.00	103.77 10.09 0.00	65.10 6.01 0.00	51.27 4.70 0.00	45.47 3.67 0.00
LAWRNCV_115KV_TB1 80681	8.97 -0.35 -0.27	-2.91 0.13 -0.43	-0.70 0.04 -0.37	16.80 -0.64 0.00	14.27 -0.51 0.00	10.19 -0.33 0.00	8.67 -0.24 0.00	10.32 -0.28 0.00	6.92 -0.13 0.00	8.58 -0.12 0.00	9.43 -0.14 0.00	14.74 -0.29 0.00	17.51 -0.39 0.00	26.14 -0.74 0.00	31.29 -0.90 0.00	26.39 -0.97 0.00	30.12 -1.15 0.00	36.55 -1.28 0.00	164.18 -5.94 0.00	296.20 -8.56 0.00	91.48 -2.20 0.00	57.67 -1.42 0.00	45.43 -1.13 0.00	40.89 -0.90 0.00
LEDERLE____ 23769	26.90 0.71 -17.14	23.57 -0.27 -27.30	22.75 -0.09 -23.95	18.67 1.23 0.00	15.80 1.02 0.00	11.28 0.76 0.00	9.50 0.59 0.00	11.30 0.70 0.00	7.52 0.46 0.00	9.27 0.56 0.00	10.22 0.64 0.00	16.14 1.10 0.00	18.35 1.34 0.89	28.41 2.13 0.60	34.78 2.73 0.14	29.02 2.51 0.86	33.58 2.86 0.56	41.39 3.56 0.00	185.92 15.80 0.00	330.89 26.13 0.00	101.08 7.40 0.00	63.38 4.29 0.00	49.87 3.30 0.00	44.55 2.76 0.00
LIGHTHSE_115KV_TB6 355974	10.21 -0.26 -1.42	-1.11 0.10 -2.26	0.90 0.03 -1.99	16.96 -0.48 0.00	14.41 -0.37 0.00	10.29 -0.23 0.00	8.72 -0.19 0.00	10.39 -0.21 0.00	6.91 -0.15 0.00	8.47 -0.23 0.00	9.28 -0.29 0.00	14.53 -0.51 0.00	17.25 -0.64 0.00	25.89 -0.99 0.00	31.07 -1.12 0.00	26.51 -0.85 0.00	30.21 -1.06 0.00	37.01 -1.22 -0.40	166.99 -4.95 -1.82	305.19 -6.10 -6.53	98.14 -1.61 -6.07	59.66 -1.03 -1.60	45.67 -0.90 -0.01	41.03 -0.77 0.00
LINDEN COGEN____ 23786	27.24 0.72 -17.47	24.08 -0.26 -27.82	23.21 -0.09 -24.41	18.67 1.24 0.00	15.80 1.02 0.00	11.30 0.78 0.00	9.51 0.60 0.00	11.33 0.73 0.00	7.55 0.49 0.00	9.31 0.61 0.00	10.27 0.69 0.00	16.23 1.19 0.00	26.27 1.42 -6.94	33.81 2.23 -4.70	36.17 2.85 -1.14	36.69 2.60 -6.72	38.62 2.96 -4.40	41.48 3.64 -0.01	186.21 16.09 0.00	330.46 25.70 0.00	100.95 7.27 0.00	63.20 4.11 0.00	49.84 3.28 0.00	44.56 2.77 0.00
LINDHRST_69_KV_BK1 356055	29.12 0.91 -19.16	24.02 -0.33 -27.82	23.19 -0.10 -24.41	19.03 1.59 0.00	16.09 1.31 0.00	11.49 0.97 0.00	9.68 0.78 0.00	11.52 0.92 0.00	11.55 0.65 -3.84	9.50 0.78 -0.01	10.40 0.83 0.00	30.52 1.40 -14.09	41.89 1.63 -22.36	37.34 2.67 -7.80	36.51 3.42 -0.90	35.74 3.05 -5.32	38.10 3.35 -3.48	41.98 4.14 0.00	187.23 17.11 0.00	332.80 28.04 0.00	101.75 8.07 0.00	64.11 5.02 0.00	50.63 4.07 0.00	45.13 3.33 0.00
LIPA_MISC_IPP 23656	28.81 0.82 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.95 1.51 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.65 0.75 0.00	11.51 0.91 0.00	11.08 0.67 -3.35	9.52 0.81 -0.01	10.34 0.77 0.00	28.57 1.26 -12.27	39.45 1.36 -20.19	36.42 2.27 -7.27	35.98 2.89 -0.90	35.23 2.54 -5.32	37.65 2.90 -3.48	41.45 3.62 0.00	183.89 13.78 0.00	326.84 22.08 0.00	99.83 6.15 0.00	63.12 4.03 0.00	49.86 3.29 0.00	44.31 2.52 0.00

LISF__SOLAR 323691	28.83 0.84 -18.95	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.98 1.54 0.00	16.05 1.27 0.00	11.46 0.94 0.00	9.67 0.76 0.00	11.53 0.93 0.00	11.10 0.69 -3.35	9.54 0.82 -0.01	10.35 0.77 0.00	28.60 1.27 -12.29	39.48 1.37 -20.21	36.44 2.28 -7.28	35.98 2.90 -0.90	35.25 2.57 -5.32	37.69 2.94 -3.48	41.52 3.69 -0.01	184.24 14.12 0.00	327.53 22.77 0.00	100.03 6.35 0.00	63.18 4.09 0.00	49.96 3.39 0.00	44.40 2.60 0.00
LITTLE FALLS__HYD 24013	9.58 0.53 0.00	-3.66 -0.19 0.00	-1.17 -0.05 0.00	18.37 0.93 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.32 0.41 0.00	10.89 0.30 0.00	7.05 0.00 0.00	8.52 -0.19 0.00	9.45 -0.12 0.00	14.78 -0.26 0.00	17.53 -0.37 0.00	26.43 -0.45 0.00	31.52 -0.67 0.00	26.95 -0.42 0.00	31.34 0.07 0.00	38.54 0.71 0.00	176.14 6.02 0.00	320.55 15.79 0.00	98.78 5.10 0.00	62.24 3.15 0.00	49.29 2.73 0.00	43.86 2.07 0.00
LITTLRIV_115KV_TB1 356100	9.07 -0.27 -0.29	-2.92 0.10 -0.46	-0.68 0.03 -0.40	16.94 -0.49 0.00	14.40 -0.38 0.00	10.28 -0.24 0.00	8.75 -0.16 0.00	10.39 -0.21 0.00	6.96 -0.10 0.00	8.62 -0.09 0.00	9.46 -0.11 0.00	14.77 -0.27 0.00	17.54 -0.36 0.00	26.17 -0.71 0.00	31.32 -0.87 0.00	26.43 -0.94 0.00	30.18 -1.09 0.00	36.61 -1.22 0.00	164.52 -5.60 0.00	298.76 -6.00 0.00	92.54 -1.14 0.00	58.35 -0.74 0.00	45.91 -0.65 0.00	41.32 -0.48 0.00
LI_NEWBRDGE__DRP 323616	28.64 0.74 -18.85	24.08 -0.27 -27.82	23.21 -0.09 -24.41	18.73 1.29 0.00	15.83 1.06 0.00	11.31 0.79 0.00	9.52 0.61 0.00	11.34 0.74 0.00	10.71 0.51 -3.14	9.34 0.63 -0.01	10.25 0.67 0.00	27.71 1.15 -11.52	38.53 1.34 -19.29	36.14 2.20 -7.05	35.94 2.85 -0.90	35.22 2.54 -5.32	37.50 2.75 -3.48	41.23 3.39 0.00	184.02 13.90 0.00	327.15 22.40 0.00	100.02 6.33 0.00	62.90 3.82 0.00	49.68 3.11 0.00	44.34 2.55 0.00
LOCKPORT_115KV_TB60_63_64 80432	11.34 -0.65 -2.94	1.45 0.25 -4.67	3.07 0.08 -4.10	16.04 -1.40 0.00	13.67 -1.11 0.00	9.90 -0.63 0.00	8.35 -0.56 0.00	10.04 -0.56 0.00	6.73 -0.33 0.00	8.24 -0.46 0.00	9.03 -0.55 0.00	14.06 -0.98 0.00	16.35 -1.38 0.17	19.16 -1.86 5.86	27.71 -2.53 1.96	22.55 -2.13 2.69	27.00 -2.80 1.47	34.26 -3.57 0.00	153.82 -15.11 1.19	277.65 -27.11 0.00	110.21 -8.25 -24.78	76.14 -5.00 -22.05	42.34 -4.23 0.00	38.73 -3.07 0.00
LOCKPORT__CC1 323769	11.36 -0.65 -2.96	1.49 0.25 -4.71	3.10 0.08 -4.14	16.03 -1.41 0.00	13.66 -1.12 0.00	9.89 -0.63 0.00	8.34 -0.57 0.00	10.04 -0.56 0.00	6.73 -0.33 0.00	8.24 -0.47 0.00	9.03 -0.55 0.00	14.06 -0.98 0.00	16.36 -1.36 0.18	18.78 -1.82 6.28	27.59 -2.51 2.10	22.39 -2.09 2.89	26.92 -2.78 1.57	34.29 -3.54 0.00	153.67 -15.17 1.28	277.01 -27.75 0.00	123.58 -8.20 -38.09	88.34 -4.64 -33.89	42.29 -4.27 0.00	38.68 -3.11 0.00
LOCKPORT__CC2 323770	11.36 -0.65 -2.96	1.49 0.25 -4.71	3.10 0.08 -4.14	16.03 -1.41 0.00	13.66 -1.12 0.00	9.89 -0.63 0.00	8.34 -0.57 0.00	10.04 -0.56 0.00	6.73 -0.33 0.00	8.24 -0.47 0.00	9.03 -0.55 0.00	14.06 -0.98 0.00	16.36 -1.36 0.18	18.78 -1.82 6.28	27.59 -2.51 2.10	22.39 -2.09 2.89	26.92 -2.78 1.57	34.29 -3.54 0.00	153.67 -15.17 1.28	277.01 -27.75 0.00	123.58 -8.20 -38.09	88.34 -4.64 -33.89	42.29 -4.27 0.00	38.68 -3.11 0.00
LOCKPORT__CC3 323771	11.36 -0.65 -2.96	1.49 0.25 -4.71	3.10 0.08 -4.14	16.03 -1.41 0.00	13.66 -1.12 0.00	9.89 -0.63 0.00	8.34 -0.57 0.00	10.04 -0.56 0.00	6.73 -0.33 0.00	8.24 -0.47 0.00	9.03 -0.55 0.00	14.06 -0.98 0.00	16.36 -1.36 0.18	18.78 -1.82 6.28	27.59 -2.51 2.10	22.39 -2.09 2.89	26.92 -2.78 1.57	34.29 -3.54 0.00	153.67 -15.17 1.28	277.01 -27.75 0.00	123.58 -8.20 -38.09	88.34 -4.64 -33.89	42.29 -4.27 0.00	38.68 -3.11 0.00
LOCUSVLY_69_KV_BK2 55797	29.48 0.83 -19.60	24.05 -0.30 -27.82	23.19 -0.10 -24.41	18.89 1.45 0.00	15.97 1.19 0.00	11.41 0.88 0.00	9.60 0.70 0.00	11.44 0.84 0.00	12.48 0.58 -4.84	9.43 0.71 -0.01	10.36 0.78 0.00	34.12 1.34 -17.74	46.22 1.58 -26.74	38.30 2.57 -8.86	36.36 3.27 -0.90	35.63 2.94 -5.32	37.99 3.25 -3.48	41.82 3.99 0.00	186.55 16.43 0.00	331.42 26.66 0.00	101.32 7.63 0.00	63.75 4.66 0.00	50.28 3.72 0.00	44.86 3.06 0.00
LONG_LAKE_PHOENIX 24014	10.36 -0.23 -1.55	-0.92 0.09 -2.46	1.07 0.03 -2.16	16.97 -0.47 0.00	14.39 -0.39 0.00	10.26 -0.26 0.00	8.68 -0.23 0.00	10.32 -0.28 0.00	6.86 -0.20 0.00	8.43 -0.28 0.00	9.26 -0.32 0.00	14.53 -0.50 0.00	17.29 -0.61 0.00	25.99 -0.89 0.00	31.11 -1.08 0.00	26.46 -0.91 0.00	30.16 -1.11 0.00	37.08 -1.35 -0.60	167.22 -5.62 -2.73	305.50 -9.06 -9.80	100.01 -2.78 -9.11	59.73 -1.76 -2.40	45.10 -1.48 -0.02	40.52 -1.27 0.00
LOVETT__3 23632	26.91 0.66 -17.21	23.69 -0.24 -27.41	22.85 -0.08 -24.04	18.57 1.13 0.00	15.72 0.94 0.00	11.22 0.70 0.00	9.45 0.54 0.00	11.24 0.65 0.00	7.48 0.42 0.00	9.22 0.51 0.00	10.16 0.59 0.00	16.04 1.00 0.00	18.17 1.21 0.94	28.17 1.92 0.64	34.51 2.47 0.15	28.72 2.27 0.91	33.25 2.58 0.60	41.02 3.19 0.00	184.21 14.09 0.00	327.76 23.00 0.00	100.17 6.48 0.00	62.83 3.74 0.00	49.49 2.92 0.00	44.22 2.43 0.00
LOVETT__4 23642	26.91 0.66 -17.21	23.69 -0.24 -27.41	22.85 -0.08 -24.04	18.57 1.13 0.00	15.72 0.94 0.00	11.22 0.70 0.00	9.45 0.54 0.00	11.24 0.65 0.00	7.48 0.42 0.00	9.22 0.51 0.00	10.16 0.59 0.00	16.04 1.00 0.00	18.17 1.21 0.94	28.17 1.92 0.64	34.51 2.47 0.15	28.72 2.27 0.91	33.25 2.58 0.60	41.02 3.19 0.00	184.21 14.09 0.00	327.76 23.00 0.00	100.17 6.48 0.00	62.83 3.74 0.00	49.49 2.92 0.00	44.22 2.43 0.00
LOVETT__5 23593	26.91 0.66 -17.21	23.69 -0.24 -27.41	22.85 -0.08 -24.04	18.57 1.13 0.00	15.72 0.94 0.00	11.22 0.70 0.00	9.45 0.54 0.00	11.24 0.65 0.00	7.48 0.42 0.00	9.22 0.51 0.00	10.16 0.59 0.00	16.04 1.00 0.00	18.17 1.21 0.94	28.17 1.92 0.64	34.51 2.47 0.15	28.72 2.27 0.91	33.25 2.58 0.60	41.02 3.19 0.00	184.21 14.09 0.00	327.76 23.00 0.00	100.17 6.48 0.00	62.83 3.74 0.00	49.49 2.92 0.00	44.22 2.43 0.00
LOWER RAQUET__HYD 24057	8.96 -0.39 -0.30	-2.84 0.15 -0.48	-0.64 0.04 -0.43	16.72 -0.72 0.00	14.21 -0.57 0.00	10.15 -0.37 0.00	8.64 -0.27 0.00	10.28 -0.32 0.00	6.90 -0.16 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.66 -0.37 0.00	17.42 -0.48 0.00	26.00 -0.89 0.00	31.12 -1.07 0.00	26.23 -1.13 0.00	29.92 -1.35 0.00	36.37 -1.51 -0.05	163.44 -6.91 -0.24	295.75 -9.86 -0.86	91.92 -2.56 -0.80	57.63 -1.67 -0.21	45.24 -1.32 0.00	40.74 -1.05 0.00
LOWER__HUDSON 24059	29.63 0.35 -20.23	28.61 -0.14 -32.22	27.11 -0.04 -28.26	18.09 0.65 0.00	15.29 0.52 0.00	10.88 0.36 0.00	9.19 0.28 0.00	10.90 0.30 0.00	7.18 0.12 0.00	8.80 0.10 0.00	9.70 0.13 0.00	15.26 0.23 0.00	18.24 0.34 0.00	27.43 0.55 0.00	32.83 0.65 0.00	27.86 0.49 0.00	32.08 0.81 0.00	38.73 0.90 0.00	174.16 4.04 0.00	312.26 7.50 0.00	96.08 2.39 0.00	60.66 1.57 0.00	47.91 1.35 0.00	42.90 1.10 0.00

LOWVILLE_115KV_TB2 356335	9.42 -0.44 -0.81	-2.01 0.17 -1.29	0.07 0.05 -1.13	16.70 -0.75 0.00	14.29 -0.49 0.00	10.24 -0.28 0.00	8.74 -0.16 0.00	10.49 -0.12 0.00	7.01 -0.05 0.00	8.56 -0.14 0.00	9.29 -0.29 0.00	14.32 -0.72 0.00	16.96 -0.93 0.00	25.39 -1.49 0.00	30.67 -1.52 0.00	26.34 -1.03 0.00	30.25 -1.02 0.00	37.05 -0.92 -0.14	168.68 -2.07 -0.63	310.25 3.22 -2.26	97.49 1.70 -2.10	60.60 0.96 -0.55	47.15 0.58 0.00	42.18 0.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.00 0.46 -20.49	28.99 -0.18 -32.64	27.46 -0.06 -28.63	18.31 0.87 0.00	15.48 0.70 0.00	11.02 0.49 0.00	9.31 0.40 0.00	11.03 0.43 0.00	7.25 0.20 0.00	8.90 0.20 0.00	9.81 0.24 0.00	15.46 0.42 0.00	18.44 0.54 0.00	27.71 0.83 0.00	33.21 1.02 0.00	28.18 0.82 0.00	32.49 1.22 0.00	39.36 1.53 0.00	177.55 7.43 0.00	318.68 13.92 0.00	98.19 4.50 0.00	61.94 2.85 0.00	48.76 2.20 0.00	43.61 1.81 0.00
LUTHERNY_35_KV_BK2 355980	30.01 0.47 -20.49	28.98 -0.18 -32.64	27.46 -0.06 -28.63	18.33 0.89 0.00	15.50 0.72 0.00	11.03 0.50 0.00	9.32 0.41 0.00	11.04 0.44 0.00	7.26 0.20 0.00	8.91 0.21 0.00	9.83 0.25 0.00	15.48 0.45 0.00	18.46 0.56 0.00	27.72 0.84 0.00	33.25 1.06 0.00	28.22 0.86 0.00	32.55 1.28 0.00	39.45 1.61 0.00	177.89 7.78 0.00	318.94 14.18 0.00	98.32 4.63 0.00	62.00 2.92 0.00	48.83 2.26 0.00	43.64 1.85 0.00
LWR__OSWEGATCHIE_HYD 23850	9.11 -0.51 -0.57	-2.37 0.19 -0.91	-0.26 0.06 -0.79	16.53 -0.91 0.00	14.09 -0.69 0.00	10.08 -0.44 0.00	8.59 -0.32 0.00	10.27 -0.33 0.00	6.88 -0.18 0.00	8.46 -0.24 0.00	9.24 -0.34 0.00	14.34 -0.69 0.00	17.01 -0.88 0.00	25.42 -1.46 0.00	30.55 -1.64 0.00	25.98 -1.38 0.00	29.72 -1.55 0.00	36.29 -1.66 -0.11	164.06 -6.56 -0.50	299.58 -6.97 -1.80	93.85 -1.50 -1.67	58.52 -1.01 -0.44	45.67 -0.90 0.00	40.98 -0.81 0.00
LYONS_FALL_HYD 23570	9.62 -0.23 -0.80	-2.10 0.09 -1.28	0.04 0.03 -1.12	17.05 -0.39 0.00	14.54 -0.23 0.00	10.41 -0.12 0.00	8.86 -0.05 0.00	10.58 -0.01 0.00	7.06 0.00 0.00	8.65 -0.05 0.00	9.41 -0.17 0.00	14.58 -0.46 0.00	17.29 -0.61 0.00	25.89 -0.99 0.00	31.18 -1.01 0.00	26.73 -0.64 0.00	30.67 -0.60 0.00	37.55 -0.39 -0.11	170.81 0.18 -0.51	312.38 5.78 -1.84	97.70 2.31 -1.71	60.88 1.34 -0.45	47.45 0.88 0.00	42.45 0.65 0.00
MADISON__COUNTY_LFGE 323628	10.35 0.13 -1.18	-1.65 -0.05 -1.87	0.52 -0.01 -1.65	17.67 0.23 0.00	14.99 0.21 0.00	10.70 0.17 0.00	9.05 0.15 0.00	10.75 0.15 0.00	7.14 0.08 0.00	8.77 0.07 0.00	9.59 0.02 0.00	14.99 -0.05 0.00	17.81 -0.09 0.00	26.74 -0.14 0.00	32.05 -0.14 0.00	27.38 0.02 0.00	31.35 0.08 0.00	38.27 0.33 -0.11	173.86 3.26 -0.48	315.46 8.96 -1.74	98.30 3.00 -1.61	61.28 1.77 -0.43	47.81 1.24 0.00	42.83 1.04 0.00
MALONE__115KV_TB1 356076	8.70 -0.34 0.00	-3.34 0.13 0.00	-1.08 0.04 0.00	16.86 -0.58 0.00	14.32 -0.46 0.00	10.23 -0.29 0.00	8.72 -0.19 0.00	10.37 -0.23 0.00	6.95 -0.10 0.00	8.64 -0.06 0.00	9.53 -0.05 0.00	14.93 -0.11 0.00	17.76 -0.14 0.00	26.52 -0.36 0.00	31.68 -0.51 0.00	26.79 -0.58 0.00	30.57 -0.70 0.00	37.14 -0.69 0.00	167.27 -2.85 0.00	301.26 -3.49 0.00	92.98 -0.70 0.00	58.55 -0.54 0.00	46.07 -0.49 0.00	41.33 -0.46 0.00
MAPLEWOD_115KV_TB3 80458	29.52 0.37 -20.10	28.39 -0.14 -32.01	26.92 -0.05 -28.08	18.15 0.70 0.00	15.34 0.56 0.00	10.91 0.39 0.00	9.20 0.29 0.00	10.92 0.32 0.00	7.20 0.14 0.00	8.82 0.12 0.00	9.74 0.16 0.00	15.31 0.28 0.00	18.28 0.38 0.00	27.51 0.63 0.00	32.96 0.77 0.00	27.97 0.60 0.00	32.13 0.86 0.00	38.77 0.94 0.00	174.18 4.07 0.00	311.71 6.96 0.00	95.85 2.16 0.00	60.50 1.42 0.00	47.73 1.17 0.00	42.80 1.01 0.00
MAPLE_RIDGE_WT_1 323574	8.84 -0.21 0.00	-3.40 0.07 0.00	-1.10 0.02 0.00	17.16 -0.28 0.00	14.57 -0.21 0.00	10.40 -0.12 0.00	8.82 -0.08 0.00	10.53 -0.07 0.00	7.02 -0.04 0.00	8.62 -0.08 0.00	9.45 -0.12 0.00	14.81 -0.23 0.00	17.62 -0.28 0.00	26.45 -0.43 0.00	31.78 -0.41 0.00	27.07 -0.29 0.00	30.95 -0.31 0.00	37.52 -0.31 0.00	168.58 -1.54 0.00	303.03 -1.73 0.00	93.26 -0.43 0.00	58.81 -0.28 0.00	46.39 -0.17 0.00	41.65 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	8.84 -0.21 0.00	-3.40 0.07 0.00	-1.10 0.02 0.00	17.16 -0.28 0.00	14.57 -0.21 0.00	10.40 -0.12 0.00	8.82 -0.08 0.00	10.53 -0.07 0.00	7.02 -0.04 0.00	8.62 -0.08 0.00	9.45 -0.12 0.00	14.81 -0.23 0.00	17.62 -0.28 0.00	26.45 -0.43 0.00	31.78 -0.41 0.00	27.07 -0.29 0.00	30.95 -0.31 0.00	37.52 -0.31 0.00	168.58 -1.54 0.00	303.03 -1.73 0.00	93.26 -0.43 0.00	58.81 -0.28 0.00	46.39 -0.17 0.00	41.65 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	8.69 -0.35 0.00	-3.35 0.13 0.00	-1.08 0.04 0.00	16.88 -0.56 0.00	14.32 -0.45 0.00	10.23 -0.29 0.00	8.72 -0.19 0.00	10.37 -0.22 0.00	6.96 -0.09 0.00	8.66 -0.04 0.00	9.56 -0.03 0.00	15.00 -0.04 0.00	17.83 -0.06 0.00	26.64 -0.24 0.00	31.82 -0.37 0.00	26.94 -0.42 0.00	30.78 -0.49 0.00	37.34 -0.49 0.00	168.15 -1.97 0.00	302.10 -2.66 0.00	93.04 -0.64 0.00	58.58 -0.50 0.00	46.18 -0.38 0.00	41.36 -0.43 0.00
MARSHVLE_115KV_TB1 80742	32.15 0.25 -22.86	32.84 -0.09 -36.41	30.79 -0.03 -31.94	17.92 0.48 0.00	15.21 0.43 0.00	10.88 0.36 0.00	9.19 0.28 0.00	10.82 0.22 0.00	7.13 0.07 0.00	8.77 0.07 0.00	9.59 0.01 0.00	15.03 -0.01 0.00	17.80 -0.10 0.00	26.66 -0.22 0.00	31.99 -0.20 0.00	27.24 -0.12 0.00	31.14 -0.13 0.00	37.85 0.01 0.00	172.57 2.45 0.00	316.88 12.12 0.00	97.99 4.30 0.00	61.86 2.77 0.00	48.57 2.01 0.00	43.48 1.68 0.00
MARSH_HILL_WT_PWR 323713	12.53 -0.45 -3.94	2.96 0.16 -6.27	4.44 0.05 -5.50	16.63 -0.81 0.00	14.08 -0.70 0.00	10.07 -0.45 0.00	8.54 -0.37 0.00	10.10 -0.50 0.00	6.70 -0.36 0.00	8.19 -0.51 0.00	9.01 -0.57 0.00	14.07 -0.96 0.00	17.41 -1.14 -0.65	48.29 -1.48 -22.89	38.14 -1.69 -7.64	36.63 -1.25 -10.51	35.69 -1.31 -5.73	36.47 -1.45 -0.09	171.05 -4.10 -5.03	301.96 -4.07 -1.26	110.35 -1.11 -17.78	73.65 -0.52 -15.08	45.47 -1.10 0.00	40.54 -1.25 0.00
MCINTYRE_115KV_TB2 80467	9.16 -0.15 -0.26	-3.00 0.06 -0.42	-0.74 0.02 -0.36	17.16 -0.28 0.00	14.58 -0.20 0.00	10.41 -0.11 0.00	8.85 -0.06 0.00	10.49 -0.11 0.00	7.02 -0.04 0.00	8.68 -0.02 0.00	9.54 -0.04 0.00	14.89 -0.14 0.00	17.68 -0.21 0.00	26.39 -0.49 0.00	31.57 -0.62 0.00	26.68 -0.69 0.00	30.48 -0.79 0.00	36.99 -0.85 0.00	166.03 -4.09 0.00	302.09 -2.67 0.00	93.76 0.08 0.00	59.13 0.04 0.00	46.52 -0.04 0.00	41.84 0.05 0.00
MECO____69_KV_BK1 80468	31.47 0.45 -21.98	31.36 -0.16 -35.00	29.53 -0.06 -30.71	18.26 0.82 0.00	15.48 0.70 0.00	11.05 0.53 0.00	9.32 0.41 0.00	10.93 0.33 0.00	7.15 0.09 0.00	8.76 0.05 0.00	9.60 0.03 0.00	15.11 0.08 0.00	17.83 -0.06 0.00	26.79 -0.09 0.00	32.07 -0.12 0.00	27.28 -0.09 0.00	31.32 0.05 0.00	38.17 0.33 0.00	175.26 5.14 0.00	322.65 17.89 0.00	99.88 6.19 0.00	63.02 3.93 0.00	49.39 2.82 0.00	44.13 2.33 0.00

MENANDS__115KV_TB5 355628	29.46 0.35 -20.07	28.35 -0.13 -31.96	26.88 -0.04 -28.04	18.10 0.65 0.00	15.31 0.53 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.89 0.29 0.00	7.18 0.13 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.28 0.24 0.00	18.23 0.34 0.00	27.45 0.57 0.00	32.86 0.67 0.00	27.89 0.52 0.00	32.02 0.75 0.00	38.59 0.76 0.00	173.15 3.03 0.00	309.57 4.81 0.00	95.15 1.47 0.00	60.08 0.99 0.00	47.43 0.87 0.00	42.56 0.76 0.00
MG INDUSTRY__DRP 24185	29.13 0.35 -19.73	27.81 -0.13 -31.42	26.41 -0.04 -27.56	18.10 0.66 0.00	15.32 0.55 0.00	10.90 0.37 0.00	9.18 0.27 0.00	10.87 0.27 0.00	7.17 0.11 0.00	8.79 0.09 0.00	9.69 0.11 0.00	15.24 0.20 0.00	18.18 0.28 0.00	27.36 0.48 0.00	32.77 0.58 0.00	27.85 0.48 0.00	31.90 0.63 0.00	38.50 0.67 0.00	173.09 2.98 0.00	310.01 5.25 0.00	95.37 1.68 0.00	60.23 1.14 0.00	47.56 1.00 0.00	42.67 0.87 0.00
MID__OSWEGATCHIE_HYD 23849	9.11 -0.51 -0.57	-2.37 0.19 -0.91	-0.26 0.06 -0.79	16.53 -0.91 0.00	14.09 -0.69 0.00	10.08 -0.44 0.00	8.59 -0.32 0.00	10.27 -0.33 0.00	6.88 -0.18 0.00	8.46 -0.24 0.00	9.24 -0.34 0.00	14.34 -0.69 0.00	17.01 -0.88 0.00	25.42 -1.46 0.00	30.55 -1.64 0.00	25.98 -1.38 0.00	29.72 -1.55 0.00	36.29 -1.66 -0.11	164.06 -6.56 -0.50	299.58 -6.97 -1.80	93.85 -1.50 -1.67	58.52 -1.01 -0.44	45.67 -0.90 0.00	40.98 -0.81 0.00
MID__RAQUETTE_HYD 23851	8.96 -0.39 -0.30	-2.84 0.15 -0.48	-0.64 0.05 -0.43	16.72 -0.72 0.00	14.21 -0.57 0.00	10.15 -0.37 0.00	8.64 -0.27 0.00	10.28 -0.32 0.00	6.90 -0.16 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.66 -0.37 0.00	17.42 -0.48 0.00	26.00 -0.88 0.00	31.12 -1.07 0.00	26.23 -1.13 0.00	29.92 -1.35 0.00	36.37 -1.51 -0.05	163.45 -6.90 -0.24	295.70 -9.92 -0.86	91.93 -2.55 -0.80	57.66 -1.64 -0.21	45.24 -1.32 0.00	40.74 -1.05 0.00
MILLIKEN__1 23584	13.05 0.10 -3.91	2.71 -0.04 -6.22	4.33 -0.02 -5.46	17.62 0.18 0.00	14.95 0.17 0.00	10.68 0.15 0.00	9.03 0.12 0.00	10.70 0.10 0.00	7.06 0.01 0.00	8.65 -0.05 0.00	9.48 -0.10 0.00	14.84 -0.20 0.00	17.67 -0.27 -0.05	28.14 -0.35 -1.61	32.34 -0.39 -0.54	27.88 -0.22 -0.74	31.40 -0.28 -0.40	37.94 -0.11 -0.21	173.09 1.67 -1.30	313.31 5.09 -3.46	101.06 1.59 -5.79	63.15 0.93 -3.13	47.12 0.55 -0.01	42.26 0.46 0.00
MILLIKEN__2 23585	13.05 0.10 -3.91	2.71 -0.04 -6.22	4.33 -0.02 -5.46	17.62 0.18 0.00	14.95 0.17 0.00	10.68 0.15 0.00	9.03 0.12 0.00	10.70 0.10 0.00	7.06 0.01 0.00	8.65 -0.05 0.00	9.48 -0.10 0.00	14.84 -0.20 -0.05	17.67 -0.27 -1.61	28.14 -0.35 -0.54	32.34 -0.39 -0.54	27.88 -0.22 -0.74	31.40 -0.28 -0.40	37.94 -0.11 -0.21	173.09 1.67 -1.30	313.31 5.09 -3.46	101.06 1.59 -5.79	63.15 0.93 -3.13	47.12 0.55 -0.01	42.26 0.46 0.00
MILLIKEN__DIESEL 23629	13.05 0.10 -3.91	2.71 -0.04 -6.22	4.33 -0.02 -5.46	17.62 0.18 0.00	14.95 0.17 0.00	10.68 0.15 0.00	9.03 0.12 0.00	10.70 0.10 0.00	7.06 0.01 0.00	8.65 -0.05 0.00	9.48 -0.10 0.00	14.84 -0.20 0.00	17.67 -0.27 -0.05	28.14 -0.35 -1.61	32.34 -0.39 -0.54	27.88 -0.22 -0.74	31.40 -0.28 -0.40	37.94 -0.11 -0.21	173.09 1.67 -1.30	313.31 5.09 -3.46	101.06 1.59 -5.79	63.15 0.93 -3.13	47.12 0.55 -0.01	42.26 0.46 0.00
MILLSEAT__LFGE 323607	11.41 -0.45 -2.82	1.19 0.18 -4.49	2.88 0.06 -3.94	16.41 -1.03 0.00	13.98 -0.80 0.00	10.10 -0.43 0.00	8.52 -0.39 0.00	10.20 -0.40 0.00	6.79 -0.27 0.00	8.30 -0.41 0.00	9.10 -0.48 0.00	14.17 -0.86 0.00	16.56 -1.20 0.14	20.50 -1.55 4.82	28.40 -2.18 1.61	23.34 -1.82 2.21	27.68 -2.38 1.21	34.89 -2.94 0.00	157.79 -11.35 0.98	286.21 -18.55 0.00	108.54 -5.10 -19.97	74.07 -2.78 -17.76	43.70 -2.87 0.00	39.76 -2.03 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.15 0.68 -17.43	24.03 -0.25 -27.75	23.15 -0.08 -24.34	18.62 1.18 0.00	15.75 0.97 0.00	11.25 0.72 0.00	9.47 0.56 0.00	11.27 0.67 0.00	7.49 0.44 0.00	9.24 0.53 0.00	10.19 0.61 0.00	16.08 1.04 0.00	17.98 1.26 1.17	28.07 1.98 0.79	34.53 2.53 0.19	28.55 2.32 1.13	33.18 2.66 0.74	41.11 3.27 0.00	184.50 14.38 0.00	328.02 23.26 0.00	100.28 6.60 0.00	62.92 3.84 0.00	49.58 3.01 0.00	44.30 2.51 0.00
MILLWOOD_13_KV_LOAD 356217	27.17 0.70 -17.43	24.02 -0.26 -27.75	23.14 -0.09 -24.34	18.65 1.21 0.00	15.78 1.00 0.00	11.27 0.74 0.00	9.49 0.58 0.00	11.29 0.69 0.00	7.51 0.45 0.00	9.25 0.55 0.00	10.20 0.63 0.00	16.11 1.07 0.00	18.02 1.30 1.17	28.13 2.05 0.79	34.62 2.62 0.19	28.63 2.40 1.13	33.29 2.76 0.74	41.25 3.41 0.00	185.18 15.06 0.00	329.18 24.42 0.00	100.63 6.95 0.00	63.12 4.03 0.00	49.72 3.15 0.00	44.43 2.63 0.00
MODEL_CITY_ENERGY 24167	11.31 -0.73 -2.99	1.58 0.29 -4.77	3.16 0.09 -4.18	15.86 -1.58 0.00	13.52 -1.26 0.00	9.79 -0.73 0.00	8.26 -0.65 0.00	9.94 -0.65 0.00	6.67 -0.38 0.00	8.18 -0.52 0.00	8.96 -0.61 0.00	13.95 -1.08 0.00	16.21 -1.51 0.17	18.70 -1.98 6.20	27.38 -2.74 2.07	22.22 -2.30 2.84	26.65 -3.07 1.55	33.88 -3.95 0.00	151.63 -17.22 1.26	273.00 -31.76 0.00	97.33 -9.41 -13.06	65.31 -5.40 -11.62	41.74 -4.83 0.00	38.22 -3.57 0.00
MODERN_LFGE__ 323580	11.31 -0.73 -2.99	1.58 0.29 -4.77	3.16 0.09 -4.18	15.86 -1.58 0.00	13.52 -1.26 0.00	9.79 -0.73 0.00	8.26 -0.65 0.00	9.94 -0.65 0.00	6.67 -0.38 0.00	8.18 -0.52 0.00	8.96 -0.61 0.00	13.95 -1.08 0.00	16.21 -1.51 0.17	18.70 -1.98 6.20	27.38 -2.74 2.07	22.22 -2.30 2.84	26.65 -3.07 1.55	33.88 -3.95 0.00	151.63 -17.22 1.26	273.00 -31.76 0.00	97.33 -9.41 -13.06	65.31 -5.40 -11.62	41.74 -4.83 0.00	38.22 -3.57 0.00
MOHAWK_PAPER__DRP 24187	29.52 0.37 -20.10	28.39 -0.14 -32.01	26.92 -0.05 -28.08	18.15 0.70 0.00	15.34 0.56 0.00	10.91 0.39 0.00	9.20 0.29 0.00	10.92 0.32 0.00	7.20 0.14 0.00	8.82 0.12 0.00	9.74 0.16 0.00	15.31 0.28 0.00	18.28 0.38 0.00	27.51 0.63 0.00	32.96 0.77 0.00	27.97 0.60 0.00	32.13 0.86 0.00	38.77 0.94 0.00	174.18 4.07 0.00	311.71 6.96 0.00	95.85 2.16 0.00	60.50 1.42 0.00	47.73 1.17 0.00	42.80 1.01 0.00
MOHICAN__35_KV_115KV_LD 80490	30.09 0.54 -20.51	28.98 -0.21 -32.66	27.47 -0.07 -28.65	18.46 1.02 0.00	15.61 0.83 0.00	11.11 0.59 0.00	9.40 0.49 0.00	11.13 0.54 0.00	7.28 0.22 0.00	8.94 0.24 0.00	9.88 0.31 0.00	15.57 0.53 0.00	18.58 0.68 0.00	27.88 1.00 0.00	33.37 1.18 0.00	28.32 0.95 0.00	32.76 1.50 0.00	39.74 1.91 0.00	179.78 9.66 0.00	323.33 18.57 0.00	100.03 6.35 0.00	63.04 3.95 0.00	49.57 3.00 0.00	44.20 2.40 0.00
MONGAUP__HYD 23641	26.33 0.66 -16.62	22.76 -0.24 -26.47	22.03 -0.08 -23.22	18.57 1.13 0.00	15.72 0.94 0.00	11.21 0.69 0.00	9.44 0.53 0.00	11.19 0.59 0.00	7.39 0.33 0.00	9.07 0.37 0.00	9.94 0.36 0.00	15.66 0.63 0.00	18.14 0.76 0.51	27.74 1.21 0.35	33.71 1.60 0.08	28.55 1.69 0.50	32.93 1.99 0.32	40.33 2.50 0.00	181.49 11.38 0.00	326.37 21.60 0.00	100.19 6.50 0.00	62.91 3.82 0.00	49.75 3.18 0.00	44.35 2.55 0.00

MONTAUK___DIESEL 23721	28.58 0.59 -18.94	24.14 -0.21 -27.82	23.23 -0.06 -24.41	18.51 1.06 0.00	15.64 0.86 0.00	11.17 0.65 0.00	9.53 0.62 0.00	11.49 0.89 0.00	11.18 0.77 -3.35	9.69 0.98 -0.01	10.47 0.90 0.00	28.82 1.51 -12.28	39.43 1.33 -20.20	36.32 2.17 -7.27	35.81 2.72 -0.90	34.84 2.15 -5.32	37.13 2.38 -3.48	40.93 3.09 0.00	181.68 11.56 0.00	322.92 18.16 0.00	98.51 4.82 0.00	62.22 3.13 0.00	49.03 2.46 0.00	43.40 1.60 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	11.87 -0.60 -3.42	2.21 0.24 -5.45	3.74 0.08 -4.78	16.21 -1.24 0.00	13.85 -0.93 0.00	10.06 -0.46 0.00	8.52 -0.39 0.00	10.27 -0.34 0.00	6.88 -0.18 0.00	8.52 -0.18 0.00	9.38 -0.19 0.00	14.69 -0.34 0.00	17.12 -0.60 0.17	20.09 -0.80 5.98	29.01 -1.19 2.00	23.72 -0.89 2.75	28.53 -1.24 1.50	36.32 -1.51 0.00	163.47 -5.43 1.22	294.88 -9.88 0.00	116.28 -3.31 -25.90	79.88 -2.25 -23.05	44.07 -2.50 0.00	39.17 -2.63 0.00
MORRIS_RIDGE___SOLAR 323848	12.41 -0.47 -3.83	2.80 0.18 -6.10	4.29 0.06 -5.35	16.52 -0.92 0.00	14.01 -0.77 0.00	10.05 -0.47 0.00	8.51 -0.40 0.00	10.07 -0.53 0.00	6.68 -0.38 0.00	8.18 -0.52 0.00	8.98 -0.59 0.00	14.02 -1.01 0.00	15.69 -1.24 0.97	-9.14 -1.75 34.26	18.59 -2.16 11.43	9.94 -1.69 15.73	20.77 -1.92 8.58	35.56 -2.30 -0.04	155.36 -8.04 6.71	293.91 -11.81 -0.96	121.58 -3.54 -31.44	84.45 -2.05 -27.41	44.39 -2.18 0.00	39.97 -1.83 0.00
MORTIMER_115KV_TB3 55949	11.13 -0.25 -2.33	0.34 0.10 -3.72	2.17 0.03 -3.26	16.85 -0.59 0.00	14.32 -0.46 0.00	10.29 -0.23 0.00	8.69 -0.22 0.00	10.36 -0.24 0.00	6.90 -0.16 0.00	8.47 -0.23 0.00	9.30 -0.28 0.00	14.56 -0.47 0.00	17.28 -0.62 0.00	26.01 -0.87 0.00	31.03 -1.16 0.00	26.43 -0.94 0.00	30.10 -1.17 0.00	36.42 -1.41 0.00	165.01 -5.11 0.00	295.95 -8.80 0.00	91.04 -2.64 0.00	57.45 -1.64 0.00	44.96 -1.61 0.00	40.64 -1.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.26 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.85 1.07 0.00	11.32 0.80 0.00	9.53 0.63 0.00	11.35 0.75 0.00	7.56 0.50 0.00	9.32 0.62 0.00	10.29 0.71 0.00	16.25 1.22 0.00	25.73 1.46 -6.37	33.47 2.28 -4.31	36.11 2.88 -1.04	36.15 2.62 -6.17	38.29 2.99 -4.03	41.50 3.67 0.00	186.20 16.08 0.00	330.56 25.80 0.00	101.02 7.34 0.00	63.30 4.22 0.00	49.91 3.35 0.00	44.61 2.81 0.00
MUNSVILLE_WIND_PWR 323609	16.13 0.32 -6.76	7.15 -0.13 -10.76	8.26 -0.06 -9.44	18.42 0.98 0.00	15.62 0.84 0.00	11.18 0.65 0.00	9.41 0.51 0.00	11.11 0.51 0.00	7.26 0.20 0.00	8.91 0.21 0.00	9.65 0.07 0.00	14.87 -0.17 0.00	17.62 -0.30 -0.03	27.50 -0.44 -1.05	32.13 -0.41 -0.35	27.89 0.05 -0.48	31.90 0.37 -0.26	39.16 1.20 -0.13	181.16 10.24 -0.81	332.64 25.78 -2.11	106.57 8.16 -4.72	66.90 4.83 -2.98	50.12 3.55 0.00	44.72 2.93 0.00
N SALMON___HYD 24042	8.70 -0.34 0.00	-3.34 0.13 0.00	-1.08 0.04 0.00	16.86 -0.58 0.00	14.32 -0.46 0.00	10.23 -0.29 0.00	8.72 -0.19 0.00	10.37 -0.23 0.00	6.95 -0.10 0.00	8.64 -0.06 0.00	9.53 -0.05 0.00	14.93 -0.11 0.00	17.76 -0.14 0.00	26.52 -0.36 0.00	31.68 -0.51 0.00	26.79 -0.58 0.00	30.57 -0.70 0.00	37.14 -0.69 0.00	167.26 -2.86 0.00	301.27 -3.49 0.00	92.95 -0.74 0.00	58.53 -0.56 0.00	46.07 -0.49 0.00	41.33 -0.46 0.00
N.AKRON__115KV_KNAPP 355671	11.41 -0.50 -2.86	1.28 0.20 -4.56	2.95 0.06 -4.00	16.32 -1.12 0.00	13.90 -0.87 0.00	10.06 -0.47 0.00	8.48 -0.43 0.00	10.17 -0.43 0.00	6.78 -0.27 0.00	8.30 -0.41 0.00	9.10 -0.48 0.00	14.17 -0.87 0.15	16.52 -1.23 5.23	20.01 -1.64 1.75	28.19 -2.25 1.75	23.08 -1.89 2.40	27.49 -2.47 1.31	34.78 -3.05 0.00	156.85 -12.21 1.07	284.11 -20.65 0.00	109.53 -6.03 -21.87	74.90 -3.64 -19.46	43.34 -3.22 0.00	39.51 -2.28 0.00
N.BELMOR_69_KV_BK1 55787	29.35 0.83 -19.48	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.87 1.43 0.00	15.96 1.18 0.00	11.40 0.88 0.00	9.60 0.69 0.00	11.42 0.82 0.00	12.19 0.58 -4.55	9.42 0.70 -0.01	10.34 0.76 0.00	33.03 1.29 -16.70	44.91 1.52 -25.49	37.92 2.48 -8.55	36.27 3.18 -0.90	35.53 2.84 -5.32	37.86 3.11 -3.48	41.61 3.78 0.00	185.53 15.41 0.00	329.93 25.17 0.00	100.92 7.24 0.00	63.64 4.55 0.00	50.23 3.67 0.00	44.79 2.99 0.00
N.E_GEN_SANDY PD 24062	26.97 0.43 -17.49	26.71 -0.17 -30.36	25.47 -0.05 -26.63	18.23 0.79 0.00	15.40 0.62 0.00	13.88 0.44 -2.92	9.24 0.33 0.00	12.01 0.37 -1.04	3.71 0.17 3.52	8.87 0.17 0.00	9.79 0.21 0.00	15.39 0.36 0.00	18.41 0.51 0.00	27.71 0.83 0.00	33.19 1.00 0.00	28.17 0.83 0.02	32.41 1.14 0.00	39.13 1.30 0.00	174.83 5.19 0.47	294.36 8.67 19.07	111.58 2.69 -15.21	91.35 1.73 -30.54	48.10 1.54 0.00	43.05 1.26 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.90 0.68 -17.17	23.62 -0.25 -27.34	22.79 -0.08 -23.99	18.61 1.17 0.00	15.74 0.96 0.00	11.25 0.72 0.00	9.47 0.56 0.00	11.27 0.67 0.00	7.49 0.43 0.00	9.24 0.53 0.00	10.19 0.61 0.00	16.08 1.05 0.00	18.25 1.26 0.91	28.28 2.02 0.61	34.64 2.60 0.15	28.88 2.39 0.88	33.42 2.72 0.57	41.20 3.37 0.00	185.07 14.95 0.00	329.37 24.61 0.00	100.61 6.93 0.00	63.09 4.00 0.00	49.67 3.11 0.00	44.38 2.58 0.00
N.QUEENS_27_KV_LOAD 356247	27.26 0.74 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.75 1.31 0.00	15.88 1.10 0.00	11.35 0.83 0.00	9.56 0.65 0.00	11.38 0.77 0.00	7.58 0.52 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.70 2.30 -4.52	36.12 2.84 -1.09	36.46 2.63 -6.46	38.53 3.04 -4.23	41.55 3.71 0.00	186.14 16.02 0.00	330.74 25.99 0.00	101.05 7.37 0.00	63.29 4.20 0.00	49.92 3.35 0.00	44.65 2.85 0.00
N.TROY___115KV_TB1 355778	29.63 0.35 -20.23	28.61 -0.14 -32.22	27.11 -0.04 -28.26	18.09 0.65 0.00	15.29 0.52 0.00	10.88 0.36 0.00	9.19 0.28 0.00	10.90 0.30 0.00	7.18 0.12 0.00	8.80 0.10 0.00	9.71 0.12 0.00	15.26 0.23 0.00	18.24 0.34 0.00	27.43 0.55 0.00	32.84 0.65 0.00	27.86 0.50 0.00	32.08 0.81 0.00	38.73 0.90 0.00	174.16 4.04 0.00	312.19 7.43 0.00	96.08 2.40 0.00	60.69 1.60 0.00	47.91 1.35 0.00	42.90 1.10 0.00
NARROWS_GT1_1 24228	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT1_2 24229	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00

NARROWS_GT1_3 24230	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT1_4 24231	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT1_5 24232	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT1_6 24233	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT1_7 24234	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT1_8 24235	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_1 24236	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_2 24237	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_3 24238	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_4 24239	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_5 24240	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_6 24241	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_7 24242	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NARROWS_GT2_8 24243	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.26 17.14 0.00	332.54 27.78 0.00	101.61 7.93 0.00	63.65 4.56 0.00	50.21 3.64 0.00	44.84 3.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.83 0.47 -19.31	27.12 -0.17 -30.75	25.82 -0.05 -26.98	18.29 0.85 0.00	15.48 0.70 0.00	11.00 0.48 0.00	9.27 0.36 0.00	10.98 0.37 0.00	7.21 0.16 0.00	8.83 0.12 0.00	9.73 0.15 0.00	15.31 0.27 0.00	18.27 0.38 0.00	27.53 0.65 0.00	32.98 0.79 0.00	28.04 0.67 0.00	32.24 0.97 0.00	38.97 1.14 0.00	175.09 4.97 0.00	314.23 9.47 0.00	97.20 3.52 0.00	61.45 2.36 0.00	48.36 1.79 0.00	43.26 1.47 0.00

NCHELSEA_115KV_TR2 355582	27.28	24.19	23.30	18.66	15.79	11.26	9.48	11.28	7.49	9.22	10.17	16.04	19.13	28.82	34.69	29.69	34.00	41.29	185.52	329.89	100.94	63.33	49.83	44.48
	0.70	-0.26	-0.08	1.22	1.02	0.74	0.57	0.68	0.43	0.51	0.59	1.00	1.23	1.94	2.51	2.32	2.73	3.46	15.40	25.14	7.26	4.24	3.27	2.68
	-17.53	-27.92	-24.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CAPITAL___MECHNVIL 23645	29.94	28.85	27.35	18.33	15.50	11.03	9.32	11.04	7.27	8.91	9.83	15.48	18.47	27.78	33.30	28.26	32.59	39.46	177.96	319.43	98.34	62.00	48.83	43.65
	0.48	-0.18	-0.06	0.89	0.72	0.51	0.41	0.44	0.21	0.21	0.26	0.45	0.58	0.90	1.11	0.89	1.32	1.63	7.84	14.68	4.66	2.91	2.27	1.86
	-20.42	-32.51	-28.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CENTRAL_HIGH_ACRES 23767	10.94	0.25	2.07	16.65	14.15	10.14	8.57	10.21	6.79	8.33	9.14	14.33	17.03	25.63	30.60	26.07	29.72	36.02	163.10	292.97	90.12	56.95	44.47	40.11
	-0.36	0.14	0.04	-0.79	-0.63	-0.38	-0.34	-0.39	-0.27	-0.37	-0.43	-0.71	-0.87	-1.25	-1.59	-1.30	-1.55	-1.81	-7.02	-11.79	-3.56	-2.13	-2.09	-1.68
	-2.25	-3.58	-3.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG CENTRAL___DRP 24199	11.48	0.51	2.37	17.29	14.66	10.49	8.89	10.54	6.97	8.54	9.38	14.69	17.52	28.49	32.22	27.86	31.18	37.40	170.51	308.23	96.82	59.84	46.25	41.54
	-0.06	0.02	0.01	-0.15	-0.12	-0.03	-0.03	-0.06	-0.09	-0.16	-0.20	-0.34	-0.44	-0.59	-0.71	-0.52	-0.64	-0.65	-1.03	-0.01	-0.10	-0.10	-0.32	-0.25
	-2.49	-3.96	-3.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-2.20	-0.73	-1.01	-0.55	-0.21	-1.43	-3.48	-3.24	-0.85	-0.01	0.00
NEG CENTRAL___INDECK 23768	12.29	1.80	3.50	17.26	14.64	10.51	8.88	10.51	6.92	8.46	9.29	14.53	17.96	49.85	39.21	37.55	36.43	37.03	173.36	306.82	107.57	71.32	46.77	42.02
	-0.05	0.02	0.00	-0.18	-0.14	-0.02	-0.03	-0.09	-0.14	-0.24	-0.29	-0.50	-0.61	-0.81	-0.92	-0.73	-0.79	-0.82	-1.61	2.06	1.48	1.19	0.21	0.23
	-3.30	-5.25	-4.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.67	-23.78	-7.94	-10.92	-5.96	-0.02	-4.86	0.00	-12.41	-11.04	0.00	0.00
NEG CENTRAL___SENECA 23627	11.73	0.93	2.74	17.27	14.64	10.48	8.87	10.52	6.96	8.52	9.35	14.65	17.49	29.69	32.53	28.38	31.45	37.29	170.65	307.53	97.56	61.34	46.24	41.55
	-0.07	0.02	0.01	-0.17	-0.14	-0.04	-0.04	-0.08	-0.10	-0.18	-0.23	-0.39	-0.50	-0.69	-0.83	-0.59	-0.70	-0.66	-0.73	0.86	0.08	-0.02	-0.33	-0.25
	-2.75	-4.38	-3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-3.50	-1.17	-1.61	-0.88	-0.12	-1.25	-1.90	-3.79	-2.27	0.00	0.00
NEG CENTRAL___STATE_STREET 24147	11.50	0.42	2.30	17.42	14.81	10.58	8.95	10.62	7.03	8.62	9.46	14.80	17.58	26.52	31.77	27.05	30.79	37.64	171.21	309.63	98.28	60.40	46.55	41.79
	0.01	0.00	0.00	-0.02	0.03	0.06	0.04	0.02	-0.03	-0.09	-0.11	-0.24	-0.32	-0.36	-0.41	-0.31	-0.48	-0.48	-0.19	0.28	0.32	0.19	-0.02	0.00
	-2.45	-3.89	-3.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.28	-1.28	-4.60	-4.28	-1.13	-0.01	0.00
NEG MILLWOOD___DRP 24198	27.39	24.33	23.42	18.70	15.82	11.29	9.51	11.31	7.52	9.27	10.22	16.14	19.38	29.09	34.92	30.00	34.28	41.48	186.36	331.21	101.28	63.51	49.97	44.59
	0.72	-0.27	-0.09	1.26	1.05	0.77	0.60	0.71	0.46	0.56	0.65	1.10	1.34	2.11	2.71	2.50	2.92	3.65	16.25	26.45	7.60	4.42	3.40	2.80
	-17.63	-28.07	-24.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	-0.10	-0.02	-0.14	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_FLCN_SEA 23793	8.76	-3.38	-1.08	17.02	14.44	10.32	8.82	10.48	7.01	8.73	9.63	15.13	18.02	26.91	32.09	27.16	31.06	37.70	169.90	305.44	94.10	59.09	46.64	41.74
	-0.29	0.10	0.03	-0.42	-0.33	-0.20	-0.09	-0.12	-0.05	0.03	0.06	0.09	0.13	0.03	-0.10	-0.21	-0.21	-0.14	-0.22	0.69	0.42	0.00	0.08	-0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_KES_CHATEGAY 23792	8.69	-3.34	-1.07	16.87	14.32	10.22	8.72	10.36	6.96	8.66	9.55	14.99	17.82	26.63	31.81	26.93	30.75	37.32	168.07	302.13	93.15	58.67	46.21	41.39
	-0.35	0.13	0.04	-0.57	-0.46	-0.30	-0.19	-0.23	-0.10	-0.05	-0.03	-0.05	-0.08	-0.25	-0.38	-0.43	-0.52	-0.51	-2.05	-2.63	-0.53	-0.42	-0.36	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___ALICE_FALLS 23915	8.76	-3.38	-1.08	17.02	14.44	10.32	8.81	10.45	6.99	8.71	9.61	15.10	17.98	26.82	31.99	27.08	30.98	37.60	169.59	305.13	94.11	59.14	46.64	41.75
	-0.28	0.10	0.03	-0.42	-0.34	-0.20	-0.10	-0.14	-0.07	0.01	0.04	0.06	0.08	-0.06	-0.20	-0.28	-0.29	-0.23	-0.53	0.37	0.43	0.06	0.08	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___LWR_SARANAC 23913	8.76	-3.38	-1.08	17.02	14.44	10.32	8.81	10.45	6.99	8.71	9.61	15.10	17.98	26.82	31.99	27.08	30.98	37.60	169.59	305.13	94.11	59.14	46.64	41.75
	-0.28	0.10	0.03	-0.42	-0.34	-0.20	-0.10	-0.14	-0.07	0.01	0.04	0.06	0.08	-0.06	-0.20	-0.28	-0.29	-0.23	-0.53	0.37	0.43	0.06	0.08	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___PLATTSBURG 23628	8.76	-3.38	-1.08	17.02	14.44	10.32	8.81	10.46	6.99	8.71	9.61	15.10	17.98	26.82	31.99	27.08	30.98	37.61	169.58	305.13	94.09	59.13	46.64	41.75
	-0.29	0.10	0.03	-0.42	-0.34	-0.20	-0.10	-0.14	-0.07	0.01	0.04	0.06	0.08	-0.06	-0.19	-0.28	-0.29	-0.23	-0.54	0.37	0.41	0.05	0.08	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG WEST_LEA_LOCKPORT 23791	11.36	1.49	3.10	16.03	13.66	9.89	8.34	10.04	6.73	8.24	9.03	14.05	16.35	18.71	27.56	22.35	26.90	34.26	153.70	277.37	123.43	87.92	42.29	38.69
	-0.65	0.25	0.08	-1.41	-1.12	-0.63	-0.57	-0.56	-0.33	-0.47	-0.55	-0.98	-1.37	-1.88	-2.53	-2.13	-2.80	-3.57	-15.13	-27.39	-8.35	-5.06	-4.28	-3.10
	-2.96	-4.71	-4.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	6.28	2.10	2.89	1.57	0.00	1.28	0.00	-38.09	-33.89	0.00	0.00
NEG WEST___LANCASTR 23811	11.89	2.21	3.74	16.22	13.79	9.96	8.44	10.10	6.76	8.31	9.11	14.22	16.62	18.89	27.99	22.65	27.37	34.97	156.96	282.23	109.09	74.65	42.73	38.92
	-0.57	0.24	0.08	-1.22	-1.00	-0.56	-0.47	-0.50	-0.30	-0.40	-0.47	-0.81	-1.09	-1.56	-2.06	-1.76	-2.28	-2.86	-11.85	-22.52	-7.33	-4.67	-3.83	-2.87
	-3.42	-5.44	-4.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	6.44	2.15	2.96	1.61	0.00	1.31	0.00	-22.74	-20.23	0.00	0.00

NEG_PENN_ALLEGHNY 23528	15.26 0.04 -6.18	6.35 -0.02 -9.84	7.51 -0.01 -8.63	17.51 0.07 0.00	14.84 0.06 0.00	10.60 0.07 0.00	8.96 0.05 0.00	10.64 0.04 0.00	7.06 0.00 0.00	8.67 -0.03 0.00	9.53 -0.05 0.00	14.96 -0.08 0.00	17.78 -0.12 0.00	26.71 -0.16 0.00	32.02 -0.17 0.00	27.33 -0.03 0.00	31.26 -0.01 0.00	38.07 0.10 -0.13	172.05 1.32 -0.61	309.02 2.08 -2.19	99.70 0.26 -5.75	63.00 0.07 -3.85	46.50 -0.07 0.00	41.78 -0.02 0.00
NEG__GEN_MONROE 24207	11.17 -0.23 -2.36	0.38 0.09 -3.76	2.21 0.03 -3.30	16.86 -0.57 0.00	14.33 -0.45 0.00	10.30 -0.22 0.00	8.70 -0.21 0.00	10.37 -0.22 0.00	6.90 -0.16 0.00	8.45 -0.25 0.00	9.28 -0.30 0.00	14.51 -0.52 0.00	17.20 -0.70 0.00	25.92 -0.96 0.00	30.89 -1.30 0.00	26.31 -1.06 0.00	29.94 -1.33 0.00	36.25 -1.58 0.00	164.66 -5.46 0.00	296.34 -8.42 0.00	91.26 -2.43 0.00	57.60 -1.48 0.00	45.04 -1.52 0.00	40.73 -1.06 0.00
NEPA__ENERGY 23901	12.09 -0.40 -3.45	2.17 0.15 -5.49	3.75 0.05 -4.81	16.63 -0.81 0.00	14.15 -0.62 0.00	10.22 -0.30 0.00	8.66 -0.24 0.00	10.35 -0.24 0.00	6.92 -0.14 0.00	8.52 -0.19 0.00	9.35 -0.23 0.00	14.64 -0.40 0.00	17.05 -0.65 0.20	18.92 -0.94 7.02	28.56 -1.29 2.34	23.19 -0.96 3.22	28.12 -1.39 1.76	36.16 -1.66 0.00	162.60 -6.09 1.43	292.16 -12.60 0.00	113.81 -4.52 -24.64	78.03 -2.98 -21.92	43.91 -2.65 0.00	39.71 -2.08 0.00
NEVERSINK__HYD 23608	25.86 0.65 -16.17	22.03 -0.24 -25.75	21.39 -0.08 -22.59	18.57 1.13 0.00	15.72 0.94 0.00	11.22 0.69 0.00	9.44 0.53 0.00	11.23 0.63 0.00	7.45 0.39 0.00	9.15 0.45 0.00	10.07 0.49 0.00	15.80 0.77 0.00	18.25 0.48 0.13	27.57 0.78 0.09	33.27 1.10 0.02	28.39 1.15 0.12	32.60 1.41 0.08	39.75 1.92 0.00	179.39 9.28 0.00	320.71 15.95 0.00	100.72 7.04 0.00	63.17 4.08 0.00	49.70 3.13 0.00	44.33 2.54 0.00
NEWKRMKL_115KV_TB1 55635	29.44 0.33 -20.06	28.35 -0.12 -31.95	26.88 -0.04 -28.03	18.07 0.63 0.00	15.29 0.52 0.00	10.87 0.34 0.00	9.16 0.25 0.00	10.87 0.28 0.00	7.17 0.12 0.00	8.78 0.08 0.00	9.69 0.11 0.00	15.24 0.21 0.00	18.18 0.28 0.00	27.36 0.48 0.00	32.77 0.59 0.00	27.83 0.46 0.00	31.96 0.69 0.00	38.50 0.67 0.00	172.85 2.74 0.00	309.06 4.30 0.00	94.94 1.25 0.00	59.93 0.84 0.00	47.28 0.72 0.00	42.45 0.65 0.00
NEWTON__FALLS_HYD 23847	9.11 -0.51 -0.57	-2.37 0.19 -0.91	-0.26 0.06 -0.79	16.53 -0.91 0.00	14.09 -0.69 0.00	10.08 -0.44 0.00	8.59 -0.32 0.00	10.27 -0.33 0.00	6.88 -0.18 0.00	8.46 -0.24 0.00	9.24 -0.34 0.00	14.34 -0.69 0.00	17.01 -0.88 0.00	25.42 -1.46 0.00	30.55 -1.64 0.00	25.98 -1.38 0.00	29.72 -1.55 0.00	36.29 -1.66 -0.11	164.06 -6.56 -0.50	299.58 -6.97 -1.80	93.85 -1.50 -1.67	58.52 -1.01 -0.44	45.67 -0.90 0.00	40.98 -0.81 0.00
NGRID_A1_DSASP 323792	11.35 -0.70 -3.00	1.57 0.27 -4.78	3.17 0.08 -4.19	15.99 -1.45 0.00	13.62 -1.16 0.00	9.86 -0.66 0.00	8.32 -0.59 0.00	10.01 -0.59 0.00	6.71 -0.35 0.00	8.22 -0.48 0.00	9.01 -0.57 0.00	14.05 -0.99 0.00	16.37 -1.35 0.18	18.61 -1.97 6.30	27.51 -2.57 2.10	22.30 -2.17 2.89	26.81 -2.88 1.58	34.11 -3.72 0.00	144.00 -16.26 9.86	258.63 -30.00 16.13	41.31 -9.28 43.10	28.72 -5.66 24.70	41.85 -4.71 0.00	38.35 -3.44 0.00
NGRID_A2_DSASP 323793	11.35 -0.70 -3.00	1.57 0.27 -4.78	3.17 0.08 -4.19	15.99 -1.45 0.00	13.62 -1.16 0.00	9.86 -0.66 0.00	8.32 -0.59 0.00	10.01 -0.59 0.00	6.71 -0.35 0.00	8.22 -0.48 0.00	9.01 -0.57 0.00	14.05 -0.99 0.00	16.37 -1.35 0.18	18.61 -1.97 6.30	27.51 -2.57 2.10	22.30 -2.17 2.89	26.81 -2.88 1.58	34.11 -3.72 0.00	144.00 -16.26 9.86	258.63 -30.00 16.13	41.31 -9.28 43.10	28.72 -5.66 24.70	41.85 -4.71 0.00	38.35 -3.44 0.00
NGRID_A4_DSASP 323807	11.35 -0.70 -3.00	1.57 0.27 -4.78	3.17 0.08 -4.19	15.99 -1.45 0.00	13.62 -1.16 0.00	9.86 -0.66 0.00	8.32 -0.59 0.00	10.01 -0.59 0.00	6.71 -0.35 0.00	8.22 -0.48 0.00	9.01 -0.57 0.00	14.05 -0.99 0.00	16.37 -1.35 0.18	18.61 -1.97 6.30	27.51 -2.57 2.10	22.30 -2.17 2.89	26.81 -2.88 1.58	34.11 -3.72 0.00	144.00 -16.26 9.86	258.63 -30.00 16.13	41.31 -9.28 43.10	28.72 -5.66 24.70	41.85 -4.71 0.00	38.35 -3.44 0.00
NIAGARA_115E_LBMP 323715	11.28 -0.78 -3.02	1.65 0.31 -4.81	3.21 0.10 -4.22	15.76 -1.68 0.00	13.43 -1.35 0.00	9.73 -0.79 0.00	8.21 -0.70 0.00	9.89 -0.71 0.00	6.65 -0.41 0.00	8.15 -0.56 0.00	8.92 -0.65 0.00	13.90 -1.14 0.00	16.13 -1.59 0.18	18.43 -2.09 6.36	27.19 -2.88 2.12	22.02 -2.42 2.92	26.43 -3.25 1.59	33.63 -4.20 0.00	150.26 -18.56 1.30	270.57 -34.19 0.00	90.80 -10.22 -7.34	59.75 -5.87 -6.53	41.38 -5.18 0.00	37.94 -3.85 0.00
NIAGARA_115W_LBMP 323714	11.34 -0.71 -3.00	1.58 0.27 -4.78	3.16 0.08 -4.19	15.97 -1.47 0.00	13.60 -1.17 0.00	9.84 -0.68 0.00	8.31 -0.60 0.00	10.00 -0.60 0.00	6.70 -0.36 0.00	8.21 -0.49 0.00	9.00 -0.58 0.00	14.03 -1.01 0.00	16.35 -1.37 0.18	18.62 -1.97 6.30	27.51 -2.58 2.10	22.31 -2.17 2.89	26.77 -2.92 1.58	34.05 -3.77 0.00	143.56 -16.70 9.86	257.49 -31.13 16.13	41.14 -9.37 43.17	28.92 -5.39 24.77	41.76 -4.80 0.00	38.27 -3.52 0.00
NIAGARA_230_LBMP 323716	11.36 -0.68 -3.00	1.56 0.26 -4.77	3.15 0.08 -4.18	15.97 -1.47 0.00	13.60 -1.17 0.00	9.85 -0.68 0.00	8.31 -0.60 0.00	10.00 -0.60 0.00	6.70 -0.36 0.00	8.21 -0.49 0.00	9.00 -0.57 0.00	14.03 -1.00 0.00	16.36 -1.36 0.18	18.69 -1.94 6.25	27.53 -2.58 2.09	22.33 -2.16 2.87	26.86 -2.85 1.56	34.19 -3.64 0.00	152.81 -16.03 1.27	274.63 -30.13 0.00	56.77 -9.06 27.85	29.13 -5.17 24.78	41.90 -4.66 0.00	38.35 -3.45 0.00
NIAGARA__115KV_198_GIBSON 55903	11.34 -0.71 -3.00	1.58 0.27 -4.78	3.16 0.08 -4.19	15.97 -1.47 0.00	13.60 -1.17 0.00	9.85 -0.68 0.00	8.31 -0.60 0.00	10.00 -0.60 0.00	6.70 -0.36 0.00	8.21 -0.49 0.00	9.00 -0.58 0.00	14.02 -1.01 0.00	16.34 -1.38 0.18	18.58 -2.01 6.30	27.46 -2.62 2.10	22.27 -2.21 2.89	26.76 -2.94 1.58	34.03 -3.80 0.00	143.60 -16.66 9.86	257.89 -30.74 16.13	41.02 -9.49 43.17	28.51 -5.81 24.77	41.75 -4.81 0.00	38.28 -3.51 0.00
NIAGARA____ 23760	11.37 -0.68 -3.01	1.59 0.26 -4.80	3.17 0.08 -4.21	15.97 -1.47 0.00	13.60 -1.17 0.00	9.85 -0.68 0.00	8.31 -0.60 0.00	10.00 -0.60 0.00	6.70 -0.36 0.00	8.21 -0.49 0.00	9.00 -0.57 0.00	14.03 -1.00 0.00	16.36 -1.36 0.18	18.67 -1.94 6.26	27.52 -2.58 2.09	22.33 -2.16 2.87	26.86 -2.85 1.57	34.19 -3.64 0.00	151.32 -16.03 2.76	271.82 -30.13 2.81	64.45 -9.06 20.17	39.21 -5.17 14.70	41.90 -4.66 0.00	38.35 -3.45 0.00
NINE_MILE_1 23575	10.01 -0.24 -1.21	-1.46 0.09 -1.92	0.60 0.03 -1.68	16.97 -0.47 0.00	14.38 -0.39 0.00	10.26 -0.26 0.00	8.68 -0.23 0.00	10.32 -0.28 0.00	6.86 -0.20 0.00	8.44 -0.27 0.00	9.28 -0.30 0.00	14.56 -0.48 0.00	17.32 -0.58 0.00	26.03 -0.85 0.00	31.14 -1.04 0.00	26.47 -0.90 0.00	30.14 -1.13 0.00	34.57 -1.41 1.86	155.46 -6.14 8.51	263.68 -10.55 30.52	62.08 -3.22 28.38	49.57 -2.03 7.49	44.85 -1.66 0.05	40.40 -1.39 0.00

NINE_MILE_2 23744	10.01 -0.24 -1.20	-1.47 0.09 -1.92	0.59 0.03 -1.68	16.97 -0.47 0.00	14.39 -0.39 0.00	10.26 -0.26 0.00	8.68 -0.23 0.00	10.32 -0.28 0.00	6.86 -0.20 0.00	8.44 -0.27 0.00	9.28 -0.30 0.00	14.56 -0.48 0.00	17.32 -0.57 0.00	26.04 -0.84 0.00	31.15 -1.04 0.00	26.47 -0.90 0.00	30.14 -1.13 0.00	34.54 -1.41 1.89	155.34 -6.14 8.64	263.22 -10.55 30.99	61.66 -3.22 28.81	49.46 -2.03 7.60	44.85 -1.66 0.05	40.41 -1.39 0.00
NM_CAPITAL___DRP 24208	29.41 0.33 -20.03	28.29 -0.13 -31.89	26.83 -0.04 -27.98	18.08 0.64 0.00	15.29 0.52 0.00	10.87 0.35 0.00	9.16 0.25 0.00	10.88 0.28 0.00	7.17 0.12 0.00	8.79 0.09 0.00	9.70 0.12 0.00	15.25 0.22 0.00	18.20 0.31 0.00	27.39 0.51 0.00	32.81 0.62 0.00	27.84 0.47 0.00	31.96 0.69 0.00	38.51 0.67 0.00	172.79 2.67 0.00	308.96 4.20 0.00	94.93 1.24 0.00	59.95 0.86 0.00	47.33 0.76 0.00	42.47 0.67 0.00
NM_CENTRAL___DRP 24181	10.68 -0.09 -1.72	-0.71 0.03 -2.73	1.30 0.01 -2.40	17.25 -0.19 0.00	14.62 -0.15 0.00	10.44 -0.09 0.00	8.82 -0.09 0.00	10.49 -0.11 0.00	6.97 -0.09 0.00	8.56 -0.14 0.00	9.41 -0.16 0.00	14.76 -0.27 0.00	17.57 -0.32 0.00	26.42 -0.46 0.00	31.63 -0.56 0.00	26.93 -0.44 0.00	30.72 -0.55 0.00	37.36 -0.65 -0.18	168.62 -2.34 -0.85	304.43 -3.36 -3.03	95.40 -1.11 -2.82	59.10 -0.73 -0.74	45.88 -0.69 0.00	41.22 -0.57 0.00
NM_FRONTIER___DRP 24179	11.34 -0.71 -3.00	1.58 0.27 -4.78	3.16 0.08 -4.19	15.97 -1.47 0.00	13.60 -1.17 0.00	9.85 -0.68 0.00	8.31 -0.60 0.00	10.00 -0.60 0.00	6.70 -0.36 0.00	8.21 -0.49 0.00	9.00 -0.58 0.00	14.02 -1.01 0.00	16.34 -1.38 0.18	18.58 -2.01 6.30	27.46 -2.62 2.10	22.27 -2.21 2.89	26.76 -2.94 1.58	34.03 -3.80 0.00	143.60 -16.66 9.86	257.89 -30.74 16.13	41.02 -9.49 43.17	28.51 -5.81 24.77	41.75 -4.81 0.00	38.28 -3.51 0.00
NM_ST_REGIS___HYD 24053	8.94 -0.38 -0.28	-2.89 0.14 -0.44	-0.69 0.04 -0.38	16.76 -0.68 0.00	14.24 -0.54 0.00	10.17 -0.35 0.00	8.66 -0.25 0.00	10.30 -0.30 0.00	6.91 -0.15 0.00	8.57 -0.13 0.00	9.43 -0.15 0.00	14.73 -0.30 0.00	17.51 -0.39 0.00	26.14 -0.74 0.00	31.27 -0.92 0.00	26.38 -0.99 0.00	30.09 -1.18 0.00	36.54 -1.30 0.00	164.27 -5.84 0.00	296.61 -8.15 0.00	91.68 -2.00 0.00	57.77 -1.32 0.00	45.48 -1.08 0.00	40.92 -0.88 0.00
NORTHPORT___1 23551	28.75 0.78 -18.93	24.06 -0.28 -27.82	23.21 -0.09 -24.41	18.80 1.36 0.00	15.90 1.12 0.00	11.36 0.83 0.00	9.57 0.66 0.00	11.39 0.79 0.00	10.93 0.57 -3.31	9.40 0.68 -0.01	10.29 0.71 0.00	28.37 1.20 -12.13	39.29 1.37 -20.02	36.36 2.25 -7.23	36.03 2.94 -0.90	35.30 2.61 -5.32	37.43 2.68 -3.48	41.08 3.24 -0.01	182.86 12.74 0.00	324.83 20.07 0.00	99.24 5.56 0.00	62.45 3.37 0.00	49.48 2.92 0.00	44.25 2.46 0.00
NORTHPORT___2 23552	28.75 0.78 -18.93	24.06 -0.28 -27.82	23.21 -0.09 -24.41	18.80 1.36 0.00	15.90 1.12 0.00	11.36 0.83 0.00	9.57 0.66 0.00	11.39 0.79 0.00	10.93 0.57 -3.31	9.40 0.68 -0.01	10.29 0.71 0.00	28.37 1.20 -12.13	39.29 1.37 -20.02	36.36 2.25 -7.23	36.03 2.94 -0.90	35.30 2.61 -5.32	37.43 2.68 -3.48	41.08 3.24 -0.01	182.86 12.74 0.00	324.83 20.07 0.00	99.24 5.56 0.00	62.45 3.37 0.00	49.48 2.92 0.00	44.25 2.46 0.00
NORTHPORT___3 23553	28.75 0.77 -18.93	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.79 1.35 0.00	15.89 1.11 0.00	11.35 0.82 0.00	9.56 0.66 0.00	11.39 0.79 0.00	10.94 0.56 -3.32	9.39 0.68 -0.01	10.28 0.70 0.00	28.41 1.20 -12.18	39.33 1.36 -20.07	36.37 2.25 -7.24	36.03 2.95 -0.90	35.30 2.61 -5.32	37.42 2.67 -3.48	41.04 3.21 -0.01	182.85 12.73 0.00	324.83 20.07 0.00	99.24 5.56 0.00	62.44 3.35 0.00	49.46 2.89 0.00	44.23 2.44 0.00
NORTHPORT___4 23650	28.75 0.77 -18.93	24.07 -0.28 -27.82	23.21 -0.09 -24.41	18.79 1.35 0.00	15.89 1.11 0.00	11.35 0.82 0.00	9.56 0.66 0.00	11.39 0.79 0.00	10.94 0.56 -3.32	9.39 0.68 -0.01	10.28 0.70 0.00	28.41 1.20 -12.18	39.33 1.36 -20.07	36.37 2.25 -7.24	36.03 2.95 -0.90	35.30 2.61 -5.32	37.42 2.67 -3.48	41.04 3.21 -0.01	182.85 12.73 0.00	324.83 20.07 0.00	99.24 5.56 0.00	62.44 3.35 0.00	49.46 2.89 0.00	44.23 2.44 0.00
NORTHPORT___IC 23718	28.75 0.78 -18.93	24.06 -0.28 -27.82	23.21 -0.09 -24.41	18.80 1.36 0.00	15.90 1.12 0.00	11.36 0.83 0.00	9.57 0.66 0.00	11.39 0.79 0.00	10.93 0.57 -3.31	9.40 0.68 -0.01	10.29 0.71 0.00	28.37 1.20 -12.13	39.28 1.37 -20.02	36.36 2.25 -7.23	36.03 2.95 -0.90	35.29 2.60 -5.32	37.43 2.68 -3.48	41.07 3.24 0.00	182.86 12.74 0.00	324.82 20.06 0.00	99.26 5.58 0.00	62.53 3.45 0.00	49.48 2.92 0.00	44.25 2.46 0.00
NORTH___COUNTRY_ESR 323785	8.68 -0.37 0.00	-3.34 0.13 0.00	-1.07 0.04 0.00	16.85 -0.59 0.00	14.30 -0.47 0.00	10.21 -0.31 0.00	8.71 -0.20 0.00	10.36 -0.24 0.00	6.96 -0.10 0.00	8.66 -0.05 0.00	9.55 -0.03 0.00	14.99 -0.05 0.00	17.82 -0.07 0.00	26.63 -0.25 0.00	31.81 -0.38 0.00	26.93 -0.44 0.00	30.75 -0.52 0.00	37.32 -0.51 0.00	168.06 -2.06 0.00	301.83 -2.93 0.00	92.95 -0.74 0.00	58.57 -0.52 0.00	46.15 -0.42 0.00	41.33 -0.46 0.00
NPX_GEN_1385_PROXY 323591	28.38 0.78 -18.55	24.06 -0.28 -27.82	23.21 -0.09 -24.41	18.80 1.36 0.00	15.90 1.12 0.00	11.36 0.83 0.00	9.57 0.66 0.00	11.39 0.79 0.00	10.93 0.57 -3.31	9.40 0.68 -0.01	10.29 0.71 0.00	28.37 1.20 -12.13	39.29 1.37 -20.02	36.36 2.25 -7.23	36.03 2.94 -0.90	35.30 2.61 -5.32	37.43 2.68 -3.48	41.08 3.24 -0.01	182.86 12.74 0.00	324.83 20.07 0.00	99.24 5.56 0.00	62.45 3.37 0.00	49.48 2.92 0.00	44.25 2.46 0.00
NPX_GEN_CSC 323557	28.40 0.79 -18.57	24.06 -0.29 -27.82	23.21 -0.09 -24.41	18.93 1.49 0.00	16.01 1.23 0.00	11.44 0.91 0.00	9.65 0.74 0.00	11.51 0.91 0.00	11.10 0.70 -3.35	9.55 0.84 -0.01	10.33 0.75 0.00	28.53 1.22 -12.27	39.35 1.26 -20.19	36.29 2.14 -7.27	35.78 2.69 -0.90	35.05 2.37 -5.32	37.55 2.80 -3.48	41.34 3.50 -0.01	182.99 12.86 0.00	325.20 20.44 0.00	99.29 5.60 0.00	62.88 3.80 0.00	49.70 3.14 0.00	44.06 2.26 0.00
NSINS_S_GLNS_FALLS 23858	30.10 0.53 -20.52	28.99 -0.21 -32.67	27.49 -0.07 -28.67	18.46 1.02 0.00	15.61 0.83 0.00	11.11 0.59 0.00	9.40 0.49 0.00	11.13 0.53 0.00	7.29 0.23 0.00	8.95 0.25 0.00	9.89 0.31 0.00	15.57 0.54 0.00	18.59 0.69 0.00	27.89 1.01 0.00	33.37 1.18 0.00	28.33 0.96 0.00	32.77 1.50 0.00	39.74 1.91 0.00	179.78 9.66 0.00	323.32 18.56 0.00	99.97 6.29 0.00	63.03 3.94 0.00	49.55 2.98 0.00	44.17 2.38 0.00
NUCOR_STEEL___DRP 24197	11.39 0.00 -2.35	0.26 0.00 -3.73	2.16 0.00 -3.28	17.41 -0.03 0.00	14.81 0.03 0.00	10.58 0.05 0.00	8.95 0.04 0.00	10.62 0.02 0.00	7.03 -0.03 0.00	8.62 -0.08 0.00	9.47 -0.11 0.00	14.80 -0.23 0.00	17.58 -0.31 0.00	26.53 -0.35 0.00	31.79 -0.40 0.00	27.06 -0.31 0.00	30.79 -0.48 0.00	37.63 -0.50 -0.30	171.14 -0.35 -1.37	309.45 -0.23 -4.91	98.47 0.22 -4.57	60.41 0.12 -1.21	46.51 -0.06 -0.01	41.76 -0.03 0.00

NUMBER_THREE_WT_PWR 323818	9.39 -0.47 -0.81	-2.00 0.18 -1.29	0.08 0.05 -1.14	16.64 -0.80 0.00	14.25 -0.53 0.00	10.21 -0.31 0.00	8.72 -0.19 0.00	10.46 -0.13 0.00	7.00 -0.06 0.00	8.55 -0.16 0.00	9.27 -0.31 0.00	14.28 -0.76 0.00	16.93 -0.97 0.00	25.34 -1.55 0.00	30.61 -1.58 0.00	26.29 -1.07 0.00	30.20 -1.07 0.00	37.00 -0.98 -0.14	168.34 -2.42 -0.65	309.68 2.61 -2.31	97.34 1.51 -2.15	60.51 0.85 -0.57	47.07 0.50 0.00	42.11 0.31 0.00
NYISO_LBMP_REFERENCE 24008	9.05 0.00 0.00	-3.47 0.00 0.00	-1.12 0.00 0.00	17.44 0.00 0.00	14.78 0.00 0.00	10.52 0.00 0.00	8.91 0.00 0.00	10.60 0.00 0.00	7.06 0.00 0.00	8.70 0.00 0.00	9.57 0.00 0.00	15.03 0.00 0.00	17.90 0.00 0.00	26.88 0.00 0.00	32.19 0.00 0.00	27.37 0.00 0.00	31.27 0.00 0.00	37.83 0.00 0.00	170.12 0.00 0.00	304.76 0.00 0.00	93.68 0.00 0.00	59.09 0.00 0.00	46.56 0.00 0.00	41.79 0.00 0.00
NYPA_BRENTWD____GT 24164	28.90 0.87 -18.97	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.97 1.53 0.00	16.04 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.49 0.90 0.00	11.11 0.63 -3.42	9.48 0.77 -0.01	10.36 0.79 0.00	28.89 1.33 -12.53	39.91 1.52 -20.49	36.72 2.50 -7.34	36.31 3.22 -0.90	35.56 2.87 -5.32	37.84 3.09 -3.48	41.65 3.81 -0.01	185.05 14.92 0.00	327.99 23.23 0.00	100.21 6.53 0.00	63.23 4.14 0.00	50.10 3.54 0.00	44.77 2.98 0.00
NYPA_GOWANUS____GT5 24156	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.24 17.11 0.00	332.52 27.76 0.00	101.60 7.92 0.00	63.64 4.56 0.00	50.20 3.64 0.00	44.84 3.05 0.00
NYPA_GOWANUS____GT6 24157	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.48 1.64 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.92 3.26 -4.39	41.79 3.95 -0.01	187.24 17.11 0.00	332.52 27.76 0.00	101.60 7.92 0.00	63.64 4.56 0.00	50.20 3.64 0.00	44.84 3.05 0.00
NYPA_HARLEM__RVR__GT1 24160	27.24 0.73 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.85 1.07 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.28 1.24 0.00	26.08 1.51 -6.68	33.64 2.24 -4.52	36.06 2.78 -1.09	36.41 2.58 -6.46	38.48 2.98 -4.23	41.45 3.61 -0.01	185.69 15.56 0.00	329.67 24.91 0.00	100.77 7.08 0.00	63.13 4.04 0.00	49.83 3.26 0.00	44.58 2.78 0.00
NYPA_HARLEM__RVR__GT2 24161	27.24 0.73 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.85 1.07 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.28 1.24 0.00	26.08 1.51 -6.68	33.64 2.24 -4.52	36.06 2.78 -1.09	36.41 2.58 -6.46	38.48 2.98 -4.23	41.45 3.61 -0.01	185.69 15.56 0.00	329.67 24.91 0.00	100.77 7.08 0.00	63.13 4.04 0.00	49.83 3.26 0.00	44.58 2.78 0.00
NYPA_KENT____GT 24152	27.32 0.80 -17.47	24.05 -0.29 -27.82	23.20 -0.10 -24.41	18.83 1.39 0.00	15.93 1.15 0.00	11.39 0.86 0.00	9.59 0.68 0.00	11.41 0.81 0.00	7.61 0.55 0.00	9.39 0.68 0.00	10.35 0.78 0.00	16.36 1.32 0.00	26.32 1.59 -6.84	33.94 2.43 -4.63	36.37 3.06 -1.12	36.78 2.79 -6.62	38.77 3.18 -4.33	41.68 3.84 -0.01	186.83 16.70 0.00	331.61 26.85 0.00	101.33 7.64 0.00	63.48 4.39 0.00	50.10 3.53 0.00	44.77 2.98 0.00
NYPA_POUCH1____GT 24155	27.33 0.81 -17.47	24.05 -0.30 -27.82	23.19 -0.10 -24.41	18.85 1.41 0.00	15.95 1.17 0.00	11.40 0.88 0.00	9.60 0.69 0.00	11.42 0.82 0.00	7.61 0.56 0.00	9.39 0.69 0.00	10.36 0.78 0.00	16.37 1.33 0.00	26.45 1.62 -6.94	34.06 2.48 -4.70	36.46 3.13 -1.14	36.94 2.85 -6.73	38.91 3.25 -4.39	41.79 3.95 -0.01	187.36 17.24 0.00	332.83 28.07 0.00	101.66 7.97 0.00	63.66 4.57 0.00	50.20 3.64 0.00	44.86 3.06 0.00
NYPA_VERNON____GT2 24162	27.30 0.78 -17.47	24.06 -0.29 -27.82	23.20 -0.10 -24.41	18.79 1.35 0.00	15.91 1.13 0.00	11.37 0.84 0.00	9.57 0.66 0.00	11.39 0.79 0.00	7.59 0.54 0.00	9.37 0.66 0.00	10.34 0.76 0.00	16.33 1.29 0.00	26.18 1.54 -6.73	33.80 2.37 -4.56	36.26 2.96 -1.11	36.60 2.71 -6.52	38.63 3.10 -4.26	41.58 3.75 -0.01	186.36 16.24 0.00	330.63 25.87 0.00	101.06 7.38 0.00	63.32 4.23 0.00	50.00 3.44 0.00	44.69 2.90 0.00
NYPA_VERNON____GT3 24163	27.30 0.78 -17.47	24.06 -0.29 -27.82	23.20 -0.10 -24.41	18.79 1.35 0.00	15.91 1.13 0.00	11.37 0.84 0.00	9.57 0.66 0.00	11.39 0.79 0.00	7.59 0.54 0.00	9.37 0.66 0.00	10.34 0.76 0.00	16.33 1.29 0.00	26.18 1.54 -6.73	33.80 2.37 -4.56	36.26 2.96 -1.11	36.60 2.71 -6.52	38.63 3.10 -4.26	41.58 3.75 -0.01	186.36 16.24 0.00	330.63 25.87 0.00	101.06 7.38 0.00	63.32 4.23 0.00	50.00 3.44 0.00	44.69 2.90 0.00
NYPA__ASTORIA_CC1 323568	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.77 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.71 2.31 -4.52	36.18 2.90 -1.09	36.48 2.66 -6.46	38.52 3.03 -4.23	41.50 3.66 -0.01	185.89 15.77 0.00	329.82 25.06 0.00	100.85 7.17 0.00	63.19 4.10 0.00	49.92 3.36 0.00	44.62 2.83 0.00
NYPA__ASTORIA_CC2 323569	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.77 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.35 0.65 0.00	10.32 0.75 0.00	16.31 1.27 0.00	26.09 1.52 -6.68	33.71 2.31 -4.52	36.18 2.90 -1.09	36.48 2.66 -6.46	38.52 3.03 -4.23	41.50 3.66 -0.01	185.89 15.77 0.00	329.82 25.06 0.00	100.85 7.17 0.00	63.19 4.10 0.00	49.92 3.36 0.00	44.62 2.83 0.00
NYPA__HOLTSVILL 23794	28.82 0.83 -18.94	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.63 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.34	9.48 0.77 -0.01	10.34 0.76 0.00	28.57 1.27 -12.26	39.49 1.42 -20.17	36.47 2.32 -7.27	36.07 2.99 -0.90	35.34 2.65 -5.32	37.67 2.92 -3.48	41.43 3.59 -0.01	184.03 13.91 0.00	326.93 22.17 0.00	99.84 6.15 0.00	62.94 3.86 0.00	49.82 3.25 0.00	44.41 2.62 0.00
NYPA__HELLGATE_GT1 24158	27.24 0.73 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.85 1.07 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.35 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.28 1.24 0.00	26.08 1.51 -6.68	33.64 2.24 -4.52	36.06 2.78 -1.09	36.41 2.58 -6.46	38.48 2.98 -4.23	41.46 3.62 -0.01	185.70 15.58 0.00	329.67 24.91 0.00	100.77 7.08 0.00	63.13 4.04 0.00	49.83 3.26 0.00	44.57 2.77 0.00

NYPA____HELLGATE_GT2 24159	27.24	24.07	23.20	18.73	15.85	11.33	9.54	11.35	7.57	9.33	10.30	16.28	26.08	33.64	36.06	36.41	38.48	41.46	185.70	329.67	100.77	63.13	49.83	44.57
	0.73	-0.27	-0.09	1.29	1.07	0.81	0.63	0.76	0.51	0.63	0.72	1.24	1.51	2.24	2.78	2.58	2.98	3.62	15.58	24.91	7.08	4.04	3.26	2.77
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.68	-4.52	-1.09	-6.46	-4.23	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	11.34	1.45	3.07	16.03	13.67	9.89	8.35	10.04	6.73	8.24	9.03	14.06	16.37	19.22	27.74	22.59	27.02	34.28	153.78	277.24	110.35	76.54	42.34	38.72
	-0.64	0.25	0.08	-1.41	-1.11	-0.63	-0.56	-0.56	-0.33	-0.46	-0.55	-0.98	-1.36	-1.80	-2.50	-2.08	-2.78	-3.55	-15.14	-27.52	-8.11	-4.59	-4.22	-3.08
	-2.94	-4.67	-4.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	5.86	1.96	2.69	1.47	0.00	1.19	0.00	-24.78	-22.05	0.00	0.00
OAK ORCHARD____HYD 24046	11.14	0.34	2.17	16.85	14.32	10.29	8.68	10.36	6.90	8.47	9.30	14.56	17.29	26.03	31.05	26.44	30.10	36.44	164.95	295.87	91.10	57.64	44.96	40.64
	-0.25	0.10	0.03	-0.59	-0.46	-0.23	-0.22	-0.24	-0.16	-0.23	-0.28	-0.47	-0.61	-0.85	-1.14	-0.92	-1.17	-1.39	-5.17	-8.89	-2.58	-1.44	-1.61	-1.15
	-2.33	-3.72	-3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	15.26	6.36	7.52	17.50	14.84	10.59	8.96	10.64	7.06	8.68	9.54	14.96	17.79	26.74	32.03	27.33	31.21	38.00	171.66	308.13	99.61	63.00	46.43	41.72
	0.03	-0.01	-0.01	0.06	0.06	0.07	0.05	0.04	0.01	-0.03	-0.04	-0.07	-0.11	-0.14	-0.16	-0.03	-0.06	0.03	0.94	1.24	0.04	-0.09	-0.14	-0.08
	-6.18	-9.84	-8.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	-0.59	-2.13	-5.89	-4.00	0.00	0.00
OCC_CHEM____DRP 24175	11.35	1.57	3.17	15.99	13.62	9.86	8.32	10.01	6.71	8.22	9.01	14.05	16.37	18.61	27.51	22.30	26.81	34.11	144.00	258.63	41.31	28.72	41.85	38.35
	-0.70	0.27	0.08	-1.45	-1.16	-0.66	-0.59	-0.59	-0.35	-0.48	-0.57	-0.99	-1.35	-1.97	-2.57	-2.17	-2.88	-3.72	-16.26	-30.00	-9.28	-5.66	-4.71	-3.44
	-3.00	-4.78	-4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	6.30	2.10	2.89	1.58	0.00	9.86	16.13	43.10	24.70	0.00	0.00
OH_GEN_PROXY 24063	11.00	1.54	3.13	16.03	13.65	9.88	8.34	10.03	6.72	8.23	9.03	14.08	16.44	19.46	27.87	22.74	27.17	34.36	153.80	276.13	62.05	33.63	42.05	38.45
	-0.66	0.26	0.08	-1.41	-1.13	-0.65	-0.57	-0.57	-0.34	-0.47	-0.55	-0.96	-1.30	-1.86	-2.46	-2.07	-2.71	-3.47	-15.19	-28.63	-8.65	-5.00	-4.51	-3.34
	-2.61	-4.75	-4.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	5.56	1.86	2.55	1.39	0.00	1.13	0.00	22.98	20.45	0.00	0.00
OLIN_CORP_DRP 24177	11.32	1.68	3.24	15.80	13.46	9.75	8.23	9.91	6.66	8.16	8.94	13.92	16.15	18.28	27.18	21.97	26.46	33.70	150.76	271.68	89.51	58.24	41.47	38.03
	-0.77	0.30	0.10	-1.65	-1.32	-0.77	-0.68	-0.69	-0.40	-0.54	-0.63	-1.12	-1.57	-2.12	-2.85	-2.42	-3.19	-4.12	-18.04	-33.08	-10.15	-6.17	-5.10	-3.77
	-3.04	-4.84	-4.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	6.47	2.16	2.97	1.62	0.00	1.32	0.00	-5.98	-5.32	0.00	0.00
OLIN_CORP_DSASP 323712	11.35	1.57	3.17	15.99	13.62	9.86	8.32	10.01	6.71	8.22	9.01	14.05	16.37	18.61	27.51	22.30	26.81	34.11	144.00	258.63	41.31	28.72	41.85	38.35
	-0.70	0.27	0.08	-1.45	-1.16	-0.66	-0.59	-0.59	-0.35	-0.48	-0.57	-0.99	-1.35	-1.97	-2.57	-2.17	-2.88	-3.72	-16.26	-30.00	-9.28	-5.66	-4.71	-3.44
	-3.00	-4.78	-4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	6.30	2.10	2.89	1.58	0.00	9.86	16.13	43.10	24.70	0.00	0.00
ONEIDA_HERK_LFGE 323681	9.74	-2.16	0.01	17.26	14.70	10.51	8.93	10.66	7.10	8.71	9.49	14.73	17.48	26.19	31.49	26.96	30.93	37.86	172.24	314.30	98.03	61.15	47.70	42.66
	-0.11	0.04	0.01	-0.18	-0.08	-0.02	0.02	0.06	0.05	0.01	-0.08	-0.30	-0.42	-0.70	-0.70	-0.40	-0.34	-0.07	1.67	7.91	2.83	1.66	1.13	0.87
	-0.80	-1.27	-1.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-0.46	-1.63	-1.52	-0.40	0.00	0.00
ONEIDA____115KV_TB4 55905	10.35	-1.65	0.52	17.67	14.99	10.70	9.05	10.75	7.14	8.77	9.59	14.99	17.81	26.74	32.05	27.38	31.35	38.27	173.86	315.46	98.30	61.28	47.81	42.83
	0.13	-0.05	-0.01	0.23	0.21	0.17	0.15	0.15	0.08	0.07	0.02	-0.05	-0.09	-0.14	-0.14	0.02	0.08	0.33	3.26	8.96	3.00	1.77	1.24	1.04
	-1.18	-1.87	-1.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.48	-1.74	-1.61	-0.43	0.00	0.00
ONONDAGA_REF_OCCRA 23987	11.13	-0.10	1.84	17.37	14.72	10.50	8.88	10.56	7.00	8.60	9.45	14.83	17.65	26.55	31.78	27.07	30.90	37.64	169.99	307.46	96.70	59.70	46.24	41.53
	-0.03	0.01	0.00	-0.07	-0.06	-0.02	-0.03	-0.05	-0.06	-0.10	-0.12	-0.20	-0.24	-0.33	-0.40	-0.30	-0.38	-0.41	-1.14	-0.91	-0.35	-0.28	-0.33	-0.27
	-2.11	-3.37	-2.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	-1.01	-3.61	-3.36	-0.89	-0.01	0.00
ONONDAGA____COGEN 23986	10.97	-0.33	1.63	17.34	14.71	10.49	8.87	10.54	6.99	8.59	9.44	14.81	17.62	26.52	31.75	27.03	30.83	37.67	170.17	308.44	98.24	60.05	46.15	41.45
	-0.04	0.01	0.00	-0.10	-0.08	-0.03	-0.04	-0.06	-0.07	-0.11	-0.13	-0.23	-0.27	-0.36	-0.44	-0.34	-0.44	-0.50	-1.47	-1.79	-0.53	-0.38	-0.42	-0.35
	-1.96	-3.12	-2.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-1.53	-5.48	-5.09	-1.34	-0.01	0.00
ONTARIO____LFGE 23819	11.73	0.93	2.74	17.27	14.64	10.48	8.87	10.52	6.96	8.52	9.35	14.65	17.49	29.69	32.53	28.38	31.45	37.29	170.65	307.47	97.58	61.43	46.24	41.54
	-0.06	0.02	0.01	-0.17	-0.14	-0.04	-0.04	-0.08	-0.10	-0.18	-0.23	-0.39	-0.50	-0.69	-0.83	-0.59	-0.70	-0.66	-0.72	0.81	0.10	0.08	-0.32	-0.25
	-2.75	-4.38	-3.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	-3.50	-1.17	-1.61	-0.88	-0.12	-1.25	-1.90	-3.79	-2.27	0.00	0.00
ORANGEVILLE_WT_PWR 323706	12.06	2.43	3.94	16.29	13.83	9.96	8.43	10.04	6.69	8.21	9.01	14.05	15.97	1.25	21.97	14.61	23.13	35.18	155.20	287.96	128.98	92.06	43.68	39.51
	-0.55	0.21	0.07	-1.15	-0.95	-0.56	-0.48	-0.56	-0.37	-0.49	-0.56	-0.98	-1.25	-1.75	-2.25	-1.80	-2.16	-2.64	-10.06	-16.80	-5.03	-2.91	-2.88	-2.29
	-3.57	-5.69	-4.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	23.88	7.97	10.96	5.98	0.02	4.87	0.00	-40.32	-35.88	0.00	0.00
ORANGEVILLE____ESR 323794	12.06	2.43	3.94	16.29	13.83	9.96	8.43	10.04	6.69	8.21	9.01	14.05	15.97	1.25	21.97	14.61	23.13	35.18	155.20	287.96	128.98	92.06	43.68	39.51
	-0.55	0.21	0.07	-1.15	-0.95	-0.56	-0.48	-0.56	-0.37	-0.49	-0.56	-0.98	-1.25	-1.75	-2.25	-1.80	-2.16	-2.64	-10.06	-16.80	-5.03	-2.91	-2.88	-2.29
	-3.57	-5.69	-4.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.67	23.88	7.97	10.96	5.98	0.02	4.87	0.00	-40.32	-35.88	0.00	0.00

OSWEGATCHIE___HYD 24044	9.11 -0.51 -0.57	-2.37 0.19 -0.91	-0.26 0.06 -0.79	16.53 -0.91 0.00	14.09 -0.69 0.00	10.08 -0.44 0.00	8.59 -0.32 0.00	10.27 -0.33 0.00	6.88 -0.18 0.00	8.46 -0.24 0.00	9.24 -0.34 0.00	14.34 -0.69 0.00	17.02 -0.88 0.00	25.42 -1.46 0.00	30.55 -1.64 0.00	25.98 -1.39 0.00	29.72 -1.55 0.00	36.29 -1.66 -0.11	164.06 -6.56 -0.50	299.58 -6.97 -1.80	93.85 -1.50 -1.67	58.51 -1.02 -0.44	45.67 -0.90 0.00	40.98 -0.81 0.00
OSWEGO___5 23606	10.25 -0.18 -1.38	-1.20 0.07 -2.21	0.84 0.02 -1.94	17.07 -0.37 0.00	14.47 -0.31 0.00	10.32 -0.20 0.00	8.73 -0.18 0.00	10.38 -0.22 0.00	6.90 -0.16 0.00	8.49 -0.22 0.00	9.33 -0.25 0.00	14.64 -0.40 0.00	17.42 -0.48 0.00	26.18 -0.70 0.00	31.33 -0.87 0.00	26.63 -0.73 0.00	30.34 -0.92 0.00	38.08 -1.14 -1.39	171.68 -4.79 -6.35	319.35 -8.19 -22.78	112.35 -2.51 -21.17	63.11 -1.57 -5.59	45.28 -1.32 -0.04	40.69 -1.10 0.00
OSWEGO___6 23613	10.25 -0.18 -1.38	-1.20 0.07 -2.21	0.84 0.02 -1.94	17.07 -0.37 0.00	14.47 -0.31 0.00	10.32 -0.20 0.00	8.73 -0.18 0.00	10.38 -0.22 0.00	6.90 -0.16 0.00	8.49 -0.22 0.00	9.33 -0.25 0.00	14.64 -0.40 0.00	17.42 -0.48 0.00	26.18 -0.70 0.00	31.33 -0.87 0.00	26.63 -0.73 0.00	30.34 -0.92 0.00	38.08 -1.14 -1.39	171.68 -4.79 -6.35	319.35 -8.19 -22.78	112.35 -2.51 -21.17	63.11 -1.57 -5.59	45.28 -1.32 -0.04	40.69 -1.10 0.00
OUTOKUMPU-AB___DRP 24206	11.65 -0.49 -3.10	1.65 0.19 -4.93	3.27 0.06 -4.33	16.33 -1.11 0.00	13.91 -0.87 0.00	10.07 -0.45 0.00	8.50 -0.41 0.00	10.21 -0.39 0.00	6.84 -0.22 0.00	8.38 -0.32 0.00	9.18 -0.39 0.00	14.32 -0.72 0.00	16.66 -1.04 0.20	18.54 -1.40 6.94	27.95 -1.93 2.32	22.59 -1.59 3.18	27.40 -2.13 1.74	35.15 -2.68 0.00	157.71 -10.99 1.41	284.98 -19.78 0.00	114.27 -6.17 -26.77	79.16 -3.74 -23.81	43.26 -3.30 0.00	39.49 -2.31 0.00
OXBOW___BTM 323836	11.42 -0.63 -3.00	1.55 0.24 -4.78	3.15 0.07 -4.19	16.11 -1.33 0.00	13.73 -1.05 0.00	9.93 -0.59 0.00	8.39 -0.52 0.00	10.09 -0.51 0.00	6.76 -0.30 0.00	8.29 -0.42 0.00	9.08 -0.50 0.00	14.15 -0.88 0.00	16.50 -1.22 0.18	18.86 -1.72 6.30	27.78 -2.31 2.10	22.55 -1.93 2.89	27.07 -2.62 1.58	34.44 -3.39 0.00	145.42 -14.84 9.86	260.67 -27.96 16.13	42.18 -8.41 43.10	29.59 -4.79 24.70	42.22 -4.34 0.00	38.67 -3.13 0.00
OXBOW___ 24026	11.42 -0.63 -3.00	1.55 0.24 -4.78	3.16 0.07 -4.19	16.12 -1.32 0.00	13.73 -1.05 0.00	9.94 -0.59 0.00	8.39 -0.52 0.00	10.09 -0.51 0.00	6.76 -0.30 0.00	8.29 -0.42 0.00	9.08 -0.50 0.00	14.16 -0.88 0.00	16.49 -1.23 0.18	18.81 -1.77 6.30	27.74 -2.35 2.10	22.50 -1.97 2.89	27.05 -2.65 1.58	34.41 -3.42 0.00	145.37 -14.89 9.86	261.08 -27.54 16.13	42.06 -8.53 43.10	29.19 -5.19 24.70	42.21 -4.35 0.00	38.68 -3.12 0.00
OXY_CHEM_DSASP 323612	11.35 -0.70 -3.00	1.57 0.27 -4.78	3.17 0.08 -4.19	15.99 -1.45 0.00	13.62 -1.16 0.00	9.86 -0.66 0.00	8.32 -0.59 0.00	10.01 -0.59 0.00	6.71 -0.35 0.00	8.22 -0.48 0.00	9.01 -0.57 0.00	14.05 -0.99 0.00	16.37 -1.35 0.18	18.61 -1.97 6.30	27.51 -2.57 2.10	22.30 -2.17 2.89	26.81 -2.88 1.58	34.11 -3.72 0.00	144.00 -16.26 9.86	258.63 -30.00 16.13	41.31 -9.28 43.10	28.72 -5.66 24.70	41.85 -4.71 0.00	38.35 -3.44 0.00
OZONE_PARK_ESR 323760	27.35 0.83 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.87 1.43 0.00	15.97 1.19 0.00	11.41 0.89 0.00	9.61 0.70 0.00	11.44 0.84 0.00	7.63 0.57 0.00	9.41 0.71 0.00	10.39 0.81 0.00	16.42 1.38 0.00	26.50 1.66 -6.94	34.15 2.58 -4.70	36.58 3.25 -1.14	37.03 2.95 -6.72	39.03 3.37 -4.40	41.99 4.16 0.00	188.44 18.32 0.00	334.54 29.78 0.00	102.23 8.55 0.00	64.02 4.93 0.00	50.46 3.90 0.00	45.08 3.28 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	11.35 -0.70 -3.00	1.57 0.27 -4.78	3.17 0.08 -4.19	15.99 -1.45 0.00	13.62 -1.16 0.00	9.86 -0.66 0.00	8.32 -0.59 0.00	10.01 -0.59 0.00	6.71 -0.35 0.00	8.22 -0.48 0.00	9.01 -0.57 0.00	14.05 -0.99 0.00	16.37 -1.35 0.18	18.61 -1.97 6.30	27.51 -2.57 2.10	22.30 -2.17 2.89	26.81 -2.88 1.58	34.11 -3.72 0.00	144.00 -16.26 9.86	258.63 -30.00 16.13	41.31 -9.28 43.10	28.72 -5.66 24.70	41.85 -4.71 0.00	38.35 -3.44 0.00
PACKARD___115KV_DUPONT_184 80571	11.36 -0.69 -3.00	1.57 0.27 -4.78	3.16 0.08 -4.19	15.99 -1.45 0.00	13.62 -1.16 0.00	9.86 -0.66 0.00	8.32 -0.59 0.00	10.01 -0.59 0.00	6.71 -0.35 0.00	8.22 -0.48 0.00	9.01 -0.57 0.00	14.05 -0.99 0.00	16.37 -1.35 0.18	18.66 -1.92 6.30	27.55 -2.54 2.10	22.34 -2.13 2.89	26.84 -2.86 1.58	34.14 -3.69 0.00	144.04 -16.22 9.86	258.17 -30.46 16.13	41.43 -9.15 43.10	29.11 -5.27 24.70	41.86 -4.71 0.00	38.35 -3.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.26 0.74 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.72 1.28 0.00	15.85 1.07 0.00	11.32 0.80 0.00	9.53 0.63 0.00	11.35 0.75 0.00	7.56 0.51 0.00	9.32 0.62 0.00	10.29 0.71 0.00	16.26 1.23 0.00	26.01 1.44 -6.68	33.60 2.20 -4.52	36.07 2.79 -1.09	36.40 2.57 -6.46	38.46 2.97 -4.23	41.49 3.65 0.00	186.12 16.00 0.00	330.76 26.00 0.00	101.12 7.44 0.00	63.35 4.26 0.00	49.94 3.38 0.00	44.63 2.84 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	27.30 0.78 -17.47	24.06 -0.29 -27.82	23.19 -0.10 -24.41	18.82 1.38 0.00	15.94 1.16 0.00	11.43 0.90 0.00	9.60 0.69 0.00	11.42 0.82 0.00	7.62 0.56 0.00	9.40 0.69 0.00	10.37 0.79 0.00	16.38 1.35 0.00	26.18 1.60 -6.68	33.84 2.45 -4.52	36.33 3.05 -1.09	36.61 2.79 -6.46	38.69 3.20 -4.23	41.78 3.95 0.00	186.72 16.61 0.00	331.18 26.43 0.00	101.15 7.47 0.00	63.42 4.33 0.00	50.02 3.46 0.00	44.75 2.96 0.00
PATROON___115KV_TB1 80586	29.51 0.35 -20.12	28.43 -0.13 -32.04	26.95 -0.04 -28.11	18.10 0.66 0.00	15.32 0.54 0.00	10.89 0.37 0.00	9.18 0.27 0.00	10.89 0.30 0.00	7.19 0.13 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.28 0.25 0.00	18.23 0.33 0.00	27.43 0.55 0.00	32.86 0.67 0.00	27.90 0.54 0.00	32.04 0.77 0.00	38.63 0.80 0.00	173.49 3.37 0.00	310.17 5.40 0.00	95.28 1.59 0.00	60.12 1.03 0.00	47.43 0.87 0.00	42.56 0.77 0.00
PATTRSNVILLE___SOLAR 323815	30.39 0.32 -21.02	29.88 -0.12 -33.48	28.21 -0.04 -29.37	18.03 0.59 0.00	15.27 0.49 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.84 0.24 0.00	7.14 0.08 0.00	8.75 0.05 0.00	9.63 0.05 0.00	15.14 0.10 0.00	18.01 0.11 0.00	27.06 0.18 0.00	32.48 0.29 0.00	27.57 0.21 0.00	31.66 0.39 0.00	38.39 0.56 0.00	173.79 3.67 0.00	314.01 9.25 0.00	96.80 3.12 0.00	61.07 1.98 0.00	48.10 1.54 0.00	43.08 1.29 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	11.82 -0.55 -3.32	2.04 0.23 -5.29	3.60 0.08 -4.64	16.25 -1.19 0.00	13.82 -0.96 0.00	9.99 -0.54 0.00	8.46 -0.46 0.00	10.13 -0.47 0.00	6.78 -0.27 0.00	8.33 -0.37 0.00	9.13 -0.45 0.00	14.26 -0.78 0.00	16.63 -1.07 0.20	18.36 -1.51 7.01	27.84 -2.02 2.34	22.44 -1.71 3.22	27.30 -2.22 1.75	35.06 -2.77 0.00	157.35 -11.34 1.43	283.42 -21.34 0.00	109.93 -6.86 -23.11	75.33 -4.33 -20.57	42.93 -3.63 0.00	39.12 -2.67 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	27.39 0.72 -17.63	24.33 -0.27 -28.07	23.42 -0.09 -24.63	18.70 1.26 0.00	15.82 1.05 0.00	11.29 0.77 0.00	9.51 0.60 0.00	11.31 0.71 0.00	7.52 0.46 0.00	9.27 0.56 0.00	10.22 0.65 0.00	16.14 1.10 0.00	19.38 1.34 -0.14	29.09 2.11 -0.10	34.92 2.71 -0.02	30.00 2.50 -0.14	34.28 2.92 -0.09	41.48 3.65 0.00	186.36 16.25 0.00	331.21 26.45 0.00	101.28 7.60 0.00	63.51 4.42 0.00	49.97 3.40 0.00	44.59 2.80 0.00
PEEKSKILL____ 23653	27.10 0.67 -17.38	23.96 -0.25 -27.68	23.09 -0.08 -24.28	18.60 1.16 0.00	15.74 0.96 0.00	11.24 0.71 0.00	9.46 0.55 0.00	11.26 0.66 0.00	7.49 0.43 0.00	9.23 0.52 0.00	10.18 0.60 0.00	16.06 1.02 0.00	17.97 1.24 1.17	28.04 1.95 0.79	34.50 2.51 0.19	28.53 2.30 1.13	33.16 2.63 0.74	41.08 3.25 0.00	184.41 14.29 0.00	328.02 23.26 0.00	100.24 6.55 0.00	62.87 3.78 0.00	49.55 2.99 0.00	44.28 2.48 0.00
PGE MADISON__WINDPWR 24146	16.12 0.32 -6.76	7.15 -0.13 -10.76	8.26 -0.06 -9.44	18.42 0.98 0.00	15.62 0.84 0.00	11.18 0.66 0.00	9.41 0.50 0.00	11.11 0.51 0.00	7.26 0.20 0.00	8.91 0.21 0.00	9.65 0.07 0.00	14.87 -0.17 0.00	17.62 -0.30 -0.03	27.51 -0.43 -1.05	32.13 -0.41 -0.35	27.89 0.05 -0.48	31.90 0.37 -0.26	39.16 1.20 -0.13	181.24 10.32 -0.81	332.78 25.92 -2.11	106.55 8.15 -4.72	66.86 4.80 -2.98	50.12 3.55 0.00	44.73 2.93 0.00
PIERCEFIELD__HYD 23852	8.96 -0.39 -0.30	-2.84 0.15 -0.48	-0.64 0.05 -0.43	16.72 -0.72 0.00	14.21 -0.57 0.00	10.15 -0.37 0.00	8.64 -0.27 0.00	10.28 -0.32 0.00	6.90 -0.16 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.66 -0.37 0.00	17.42 -0.48 0.00	26.00 -0.88 0.00	31.12 -1.07 0.00	26.23 -1.13 0.00	29.92 -1.35 0.00	36.37 -1.51 -0.05	163.45 -6.90 -0.24	295.70 -9.92 -0.86	91.93 -2.55 -0.80	57.66 -1.64 -0.21	45.24 -1.32 0.00	40.74 -1.05 0.00
PINELAWN_CC_1 323563	28.99 0.84 -19.11	24.05 -0.30 -27.82	23.20 -0.09 -24.41	18.89 1.45 0.00	15.97 1.20 0.00	11.41 0.89 0.00	9.61 0.70 0.00	11.43 0.83 0.00	11.35 0.58 -3.71	9.42 0.70 -0.01	10.32 0.74 0.00	29.91 1.25 -13.62	41.15 1.45 -21.80	36.92 2.38 -7.66	36.17 3.08 -0.90	35.44 2.75 -5.32	37.74 2.99 -3.48	41.57 3.73 -0.01	185.50 15.38 0.00	329.88 25.12 0.00	100.81 7.12 0.00	63.43 4.34 0.00	50.14 3.58 0.00	44.73 2.93 0.00
PJM_GEN_HTP_PROXY 323702	25.70 0.75 -15.90	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.31 0.73 0.00	16.28 1.24 0.00	26.74 1.49 -7.36	34.17 2.31 -4.98	36.32 2.93 -1.20	37.16 2.67 -7.12	38.97 3.05 -4.66	41.58 3.74 -0.01	186.59 16.47 -0.01	330.92 26.16 0.00	101.12 7.44 0.00	63.27 4.19 0.00	49.93 3.37 0.00	44.65 2.85 0.00
PJM_GEN_KEystone 24065	18.64 0.13 -9.46	14.05 -0.05 -17.57	14.28 -0.02 -15.41	17.60 0.16 0.00	14.93 0.15 0.00	10.71 0.18 0.00	9.03 0.13 0.00	10.77 0.17 0.00	7.17 0.11 0.00	8.82 0.12 0.00	9.71 0.13 0.00	15.27 0.23 0.00	18.08 0.22 0.05	25.71 0.41 1.58	32.16 0.50 0.53	27.20 0.56 0.73	31.38 0.50 0.40	38.53 0.64 -0.05	173.41 3.36 0.07	309.61 3.95 -0.90	97.18 0.64 -2.85	61.32 0.23 -2.00	46.58 0.01 0.00	41.93 0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	27.07 0.74 -17.28	24.08 -0.27 -27.82	23.21 -0.08 -24.41	18.71 1.27 0.00	15.83 1.05 0.00	11.30 0.78 0.00	9.52 0.61 0.00	11.33 0.73 0.00	10.71 0.51 -3.14	9.33 0.62 -0.01	10.24 0.67 0.00	27.70 1.14 -11.52	38.52 1.33 -19.29	36.12 2.19 -7.05	35.91 2.82 -0.90	35.21 2.52 -5.32	37.49 2.74 -3.48	41.20 3.36 -0.01	183.86 13.74 0.00	326.92 22.16 0.00	99.91 6.22 0.00	62.80 3.72 0.00	49.65 3.09 0.00	44.31 2.52 0.00
PJM_GEN_VFT_PROXY 323633	25.67 0.72 -15.90	24.08 -0.26 -27.82	23.21 -0.09 -24.41	18.67 1.24 0.00	15.80 1.02 0.00	11.30 0.78 0.00	9.51 0.60 0.00	11.33 0.73 0.00	7.55 0.49 0.00	9.31 0.61 0.00	10.27 0.69 0.00	16.23 1.19 0.00	26.27 1.42 -6.94	33.81 2.23 -4.70	36.17 2.85 -1.14	36.69 2.60 -6.72	38.62 2.96 -4.40	41.48 3.64 -0.01	186.21 16.09 0.00	330.46 25.70 0.00	100.95 7.27 0.00	63.20 4.11 0.00	49.84 3.28 0.00	44.56 2.77 0.00
PLATSBURG_115KV_PMLD1 355749	8.75 -0.29 0.00	-3.38 0.10 0.00	-1.08 0.03 0.00	17.01 -0.43 0.00	14.44 -0.34 0.00	10.32 -0.21 0.00	8.81 -0.09 0.00	10.48 -0.12 0.00	7.01 -0.05 0.00	8.73 0.03 0.00	9.62 0.05 0.00	15.13 0.09 0.00	18.02 0.12 0.00	26.89 0.00 0.00	32.08 -0.12 0.00	27.15 -0.21 0.00	31.05 -0.22 0.00	37.68 -0.15 0.00	169.80 -0.31 0.00	305.35 0.59 0.00	94.02 0.33 0.00	59.08 -0.02 0.00	46.63 0.07 0.00	41.71 -0.08 0.00
PLEASANTVLY__LBMP 24000	27.62 0.61 -17.97	24.91 -0.23 -28.61	23.91 -0.07 -25.10	18.50 1.06 0.00	15.66 0.88 0.00	11.17 0.64 0.00	9.40 0.49 0.00	11.18 0.58 0.00	7.42 0.36 0.00	9.13 0.43 0.00	10.08 0.50 0.00	15.89 0.85 0.00	18.93 1.04 0.00	28.51 1.63 0.00	34.27 2.09 0.00	29.29 1.92 0.00	33.49 2.23 0.00	40.59 2.76 0.00	182.17 12.05 0.00	323.89 19.13 0.00	99.20 5.52 0.00	62.31 3.22 0.00	49.12 2.55 0.00	43.89 2.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.28 0.71 -17.52	24.16 -0.26 -27.90	23.27 -0.09 -24.48	18.68 1.24 0.00	15.81 1.03 0.00	11.29 0.76 0.00	9.50 0.59 0.00	11.31 0.71 0.00	7.52 0.46 0.00	9.27 0.57 0.00	10.23 0.65 0.00	16.15 1.11 0.00	23.83 1.35 -4.58	32.10 2.12 -3.10	35.64 2.70 -0.75	34.28 2.48 -4.44	37.00 2.83 -2.90	41.33 3.49 0.00	185.42 15.30 0.00	329.55 24.79 0.00	100.74 7.05 0.00	63.19 4.11 0.00	49.79 3.22 0.00	44.48 2.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.28 0.71 -17.52	24.16 -0.26 -27.90	23.27 -0.09 -24.48	18.68 1.24 0.00	15.81 1.03 0.00	11.29 0.76 0.00	9.50 0.59 0.00	11.31 0.71 0.00	7.52 0.46 0.00	9.27 0.57 0.00	10.23 0.65 0.00	16.15 1.11 0.00	23.83 1.35 -4.58	32.10 2.12 -3.10	35.64 2.70 -0.75	34.28 2.48 -4.44	37.00 2.83 -2.90	41.33 3.49 0.00	185.42 15.30 0.00	329.55 24.79 0.00	100.74 7.05 0.00	63.19 4.11 0.00	49.79 3.22 0.00	44.48 2.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.53 0.65 -17.84	24.69 -0.24 -28.40	23.73 -0.08 -24.92	18.59 1.15 0.00	15.73 0.96 0.00	11.21 0.69 0.00	9.44 0.53 0.00	11.23 0.63 0.00	7.45 0.39 0.00	9.16 0.46 0.00	10.10 0.52 0.00	15.92 0.88 0.00	18.98 1.08 0.00	28.59 1.71 0.00	34.50 2.31 0.00	29.51 2.15 0.00	33.82 2.56 0.00	41.07 3.23 0.00	183.86 13.75 0.00	327.13 22.37 0.00	100.19 6.50 0.00	62.91 3.83 0.00	49.52 2.95 0.00	44.21 2.42 0.00
POLETTI____ 23519	27.26 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.27 1.24 0.00	26.14 1.47 -6.77	33.76 2.30 -4.58	36.20 2.90 -1.11	36.56 2.64 -6.55	38.57 3.02 -4.28	41.53 3.69 0.00	186.28 16.16 0.00	330.60 25.84 0.00	101.03 7.35 0.00	63.29 4.21 0.00	49.91 3.34 0.00	44.61 2.81 0.00

POMONA___ESR 323819	26.90 0.68 -17.17	23.62 -0.25 -27.34	22.79 -0.08 -23.99	18.61 1.17 0.00	15.75 0.97 0.00	11.25 0.72 0.00	9.47 0.56 0.00	11.27 0.67 0.00	7.49 0.43 0.00	9.24 0.53 0.00	10.19 0.61 0.00	16.08 1.04 0.00	18.25 1.26 0.91	28.28 2.01 0.61	34.64 2.60 0.15	28.88 2.39 0.88	33.42 2.73 0.57	41.20 3.36 0.00	185.07 14.96 0.00	329.43 24.67 0.00	100.58 6.89 0.00	63.06 3.97 0.00	49.67 3.11 0.00	44.38 2.58 0.00
PORT_JEFF_3 23555	28.82 0.83 -18.94	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.64 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.35	9.48 0.77 -0.01	10.34 0.77 0.00	28.59 1.27 -12.27	39.52 1.43 -20.19	36.51 2.35 -7.27	36.12 3.03 -0.90	35.39 2.70 -5.32	37.73 2.98 -3.48	41.45 3.61 -0.01	183.72 13.60 0.00	326.32 21.56 0.00	99.63 5.95 0.00	62.84 3.76 0.00	49.83 3.26 0.00	44.45 2.65 0.00
PORT_JEFF_4 23616	28.82 0.83 -18.94	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.92 1.48 0.00	16.00 1.22 0.00	11.43 0.90 0.00	9.64 0.73 0.00	11.48 0.88 0.00	11.04 0.64 -3.35	9.48 0.77 -0.01	10.34 0.77 0.00	28.59 1.27 -12.27	39.52 1.43 -20.19	36.51 2.35 -7.27	36.12 3.03 -0.90	35.39 2.70 -5.32	37.73 2.98 -3.48	41.45 3.61 -0.01	183.72 13.60 0.00	326.32 21.56 0.00	99.63 5.95 0.00	62.84 3.76 0.00	49.83 3.26 0.00	44.45 2.65 0.00
PORT_JEFF_IC 23713	28.84 0.84 -18.95	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.94 1.50 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.65 0.74 0.00	11.49 0.89 0.00	11.07 0.65 -3.36	9.49 0.78 -0.01	10.35 0.77 0.00	28.65 1.29 -12.32	39.59 1.45 -20.25	36.56 2.39 -7.29	36.17 3.09 -0.90	35.44 2.76 -5.32	37.80 3.05 -3.48	41.57 3.73 0.00	184.38 14.26 0.00	327.45 22.69 0.00	99.98 6.29 0.00	63.12 4.03 0.00	49.93 3.36 0.00	44.51 2.71 0.00
PPL PILGRIM_ST_GT1 24216	28.90 0.87 -18.97	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.97 1.53 0.00	16.04 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.49 0.90 0.00	11.11 0.63 -3.42	9.48 0.77 -0.01	10.36 0.79 0.00	28.89 1.33 -12.53	39.91 1.52 -20.49	36.72 2.50 -7.34	36.31 3.22 -0.90	35.56 2.87 -5.32	37.84 3.09 -3.48	41.65 3.81 -0.01	185.05 14.92 0.00	327.99 23.23 0.00	100.21 6.53 0.00	63.23 4.14 0.00	50.10 3.54 0.00	44.77 2.98 0.00
PPL PILGRIM_ST_GT2 24217	28.90 0.87 -18.97	24.03 -0.32 -27.82	23.19 -0.10 -24.41	18.97 1.53 0.00	16.04 1.27 0.00	11.46 0.94 0.00	9.66 0.75 0.00	11.49 0.90 0.00	11.11 0.63 -3.42	9.48 0.77 -0.01	10.36 0.79 0.00	28.89 1.33 -12.53	39.91 1.52 -20.49	36.72 2.50 -7.34	36.31 3.22 -0.90	35.56 2.87 -5.32	37.84 3.09 -3.48	41.65 3.81 -0.01	185.05 14.92 0.00	327.99 23.23 0.00	100.21 6.53 0.00	63.23 4.14 0.00	50.10 3.54 0.00	44.77 2.98 0.00
PPL_SHRM_GT3 24213	28.79 0.79 -18.95	24.05 -0.30 -27.82	23.21 -0.09 -24.41	18.95 1.51 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.66 0.75 0.00	11.52 0.92 0.00	11.11 0.70 -3.35	9.55 0.84 -0.01	10.33 0.76 0.00	28.56 1.23 -12.30	39.39 1.27 -20.22	36.32 2.16 -7.28	35.80 2.71 -0.90	35.08 2.40 -5.32	37.58 2.83 -3.48	41.38 3.55 -0.01	183.20 13.08 0.00	325.69 20.93 0.00	99.45 5.76 0.00	62.95 3.86 0.00	49.75 3.18 0.00	44.12 2.32 0.00
PPL_SHRM_GT4 24214	28.79 0.79 -18.95	24.05 -0.30 -27.82	23.21 -0.09 -24.41	18.95 1.51 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.66 0.75 0.00	11.52 0.92 0.00	11.11 0.70 -3.35	9.55 0.84 -0.01	10.33 0.76 0.00	28.56 1.23 -12.30	39.39 1.27 -20.22	36.32 2.16 -7.28	35.80 2.71 -0.90	35.08 2.40 -5.32	37.58 2.83 -3.48	41.38 3.55 -0.01	183.20 13.08 0.00	325.69 20.93 0.00	99.45 5.76 0.00	62.95 3.86 0.00	49.75 3.18 0.00	44.12 2.32 0.00
PROJECT___ORANGE 1 24174	10.71 -0.08 -1.74	-0.67 0.03 -2.77	1.32 0.01 -2.43	17.26 -0.18 0.00	14.63 -0.14 0.00	10.44 -0.08 0.00	8.83 -0.08 0.00	10.50 -0.10 0.00	6.97 -0.09 0.00	8.56 -0.14 0.00	9.41 -0.16 0.00	14.77 -0.26 0.00	17.59 -0.31 0.00	26.44 -0.43 0.00	31.66 -0.53 0.00	26.95 -0.42 0.00	30.74 -0.53 0.00	37.40 -0.61 -0.18	168.75 -2.22 -0.84	304.47 -3.32 -3.02	95.42 -1.07 -2.81	59.11 -0.72 -0.74	45.89 -0.68 0.00	41.24 -0.55 0.00
PROJECT___ORANGE 2 24166	10.71 -0.08 -1.74	-0.67 0.03 -2.77	1.32 0.01 -2.43	17.26 -0.18 0.00	14.63 -0.14 0.00	10.44 -0.08 0.00	8.83 -0.08 0.00	10.50 -0.10 0.00	6.97 -0.09 0.00	8.56 -0.14 0.00	9.41 -0.16 0.00	14.77 -0.26 0.00	17.59 -0.31 0.00	26.44 -0.43 0.00	31.66 -0.53 0.00	26.95 -0.42 0.00	30.74 -0.53 0.00	37.40 -0.61 -0.18	168.75 -2.22 -0.84	304.47 -3.32 -3.02	95.42 -1.07 -2.81	59.11 -0.72 -0.74	45.89 -0.68 0.00	41.24 -0.55 0.00
PUCKETT___SOLAR 323809	15.86 0.12 -6.70	7.14 -0.05 -10.67	8.22 -0.02 -9.36	17.74 0.29 0.00	15.04 0.26 0.00	10.74 0.21 0.00	9.06 0.15 0.00	10.75 0.14 0.00	7.10 0.04 0.00	8.69 -0.01 0.00	9.51 -0.07 0.00	14.88 -0.15 0.00	17.67 -0.22 0.00	26.57 -0.31 0.00	31.84 -0.35 0.00	27.23 -0.14 0.00	31.27 0.00 0.00	38.34 0.38 -0.12	174.05 3.37 -0.57	313.97 7.18 -2.03	100.94 2.02 -5.24	63.67 1.10 -3.48	47.32 0.76 0.00	42.44 0.64 0.00
PYRITES___HYD 24023	9.12 -0.21 -0.28	-2.94 0.08 -0.45	-0.70 0.02 -0.39	17.04 -0.39 0.00	14.48 -0.30 0.00	10.35 -0.17 0.00	8.80 -0.11 0.00	10.44 -0.16 0.00	6.99 -0.07 0.00	8.64 -0.06 0.00	9.50 -0.08 0.00	14.80 -0.23 0.00	17.58 -0.32 0.00	26.23 -0.65 0.00	31.39 -0.80 0.00	26.50 -0.87 0.00	30.25 -1.01 0.00	36.72 -1.11 0.00	164.95 -5.17 0.00	300.55 -4.21 0.00	93.18 -0.50 0.00	58.73 -0.36 0.00	46.21 -0.35 0.00	41.57 -0.22 0.00
QUAKERRD_115KV_BK1 80622	10.89 -0.39 -2.24	0.24 0.15 -3.56	2.06 0.05 -3.13	16.59 -0.85 0.00	14.09 -0.69 0.00	10.11 -0.42 0.00	8.53 -0.37 0.00	10.18 -0.42 0.00	6.77 -0.29 0.00	8.31 -0.39 0.00	9.13 -0.45 0.00	14.30 -0.73 0.00	16.98 -0.91 0.00	25.55 -1.33 0.00	30.51 -1.68 0.00	25.98 -1.39 0.00	29.60 -1.67 0.00	35.85 -1.98 0.00	162.20 -7.91 0.00	291.12 -13.64 0.00	89.48 -4.20 0.00	56.45 -2.63 0.00	44.21 -2.35 0.00	39.91 -1.89 0.00
QUENSBRY_115KV_TB8 356137	30.13 0.56 -20.52	28.99 -0.22 -32.68	27.49 -0.07 -28.67	18.51 1.07 0.00	15.65 0.87 0.00	11.13 0.61 0.00	9.43 0.52 0.00	11.17 0.57 0.00	7.30 0.24 0.00	8.97 0.27 0.00	9.92 0.34 0.00	15.62 0.58 0.00	18.65 0.75 0.00	27.97 1.09 0.00	33.47 1.29 0.00	28.41 1.05 0.00	32.92 1.64 0.00	39.94 2.11 0.00	180.82 10.70 0.00	325.04 20.28 0.00	100.66 6.98 0.00	63.41 4.32 0.00	49.83 3.27 0.00	44.38 2.59 0.00
RAMAPO___LBMP 323565	26.78 0.64 -17.10	23.52 -0.24 -27.23	22.70 -0.08 -23.89	18.54 1.10 0.00	15.69 0.91 0.00	11.20 0.68 0.00	9.43 0.52 0.00	11.22 0.62 0.00	7.46 0.40 0.00	9.20 0.49 0.00	10.14 0.56 0.00	16.00 0.96 0.00	18.21 1.17 0.85	28.16 1.86 0.58	34.44 2.39 0.14	28.75 2.21 0.82	33.23 2.50 0.54	40.93 3.10 0.00	183.87 13.75 0.00	327.43 22.67 0.00	100.04 6.36 0.00	62.75 3.66 0.00	49.40 2.84 0.00	44.16 2.36 0.00

RANKINE_____	11.76	1.93	3.50	16.24	13.83	10.00	8.45	10.14	6.79	8.34	9.14	14.27	16.60	17.33	27.48	22.00	27.06	35.06	157.02	283.67	115.78	80.56	43.02	39.19
23646	-0.54	0.21	0.07	-1.20	-0.95	-0.52	-0.45	-0.46	-0.26	-0.36	-0.43	-0.76	-1.07	-1.53	-2.04	-1.68	-2.20	-2.77	-11.47	-21.09	-6.66	-4.11	-3.54	-2.60
	-3.26	-5.18	-4.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	8.01	2.67	3.68	2.01	0.01	1.63	0.00	-28.75	-25.58	0.00	0.00
RAVENSWOOD_GT2_1	27.27	24.07	23.20	18.73	15.86	11.33	9.54	11.36	7.57	9.33	10.30	16.27	26.06	33.70	36.19	36.49	38.52	41.53	186.36	330.62	101.05	63.32	49.92	44.61
24244	0.75	-0.27	-0.09	1.29	1.08	0.80	0.63	0.76	0.51	0.63	0.72	1.24	1.48	2.30	2.90	2.65	3.02	3.70	16.24	25.85	7.36	4.23	3.36	2.82
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.69	-4.52	-1.09	-6.47	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	27.27	24.07	23.20	18.73	15.86	11.33	9.54	11.36	7.57	9.33	10.30	16.27	26.06	33.70	36.19	36.49	38.52	41.53	186.36	330.62	101.05	63.32	49.92	44.61
24245	0.75	-0.27	-0.09	1.29	1.08	0.80	0.63	0.76	0.51	0.63	0.72	1.24	1.48	2.30	2.90	2.65	3.02	3.70	16.24	25.85	7.36	4.23	3.36	2.82
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.69	-4.52	-1.09	-6.47	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	27.27	24.07	23.20	18.74	15.86	11.33	9.54	11.36	7.57	9.34	10.31	16.28	26.07	33.71	36.20	36.50	38.53	41.56	186.40	330.89	101.12	63.35	49.94	44.65
24246	0.75	-0.28	-0.09	1.30	1.08	0.81	0.63	0.76	0.51	0.64	0.73	1.24	1.49	2.31	2.92	2.66	3.03	3.73	16.28	26.13	7.43	4.26	3.38	2.85
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.69	-4.52	-1.09	-6.47	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	27.27	24.07	23.20	18.74	15.86	11.33	9.54	11.36	7.57	9.34	10.31	16.28	26.07	33.71	36.20	36.50	38.53	41.56	186.40	330.89	101.12	63.35	49.94	44.65
24247	0.75	-0.28	-0.09	1.30	1.08	0.81	0.63	0.76	0.51	0.64	0.73	1.24	1.49	2.31	2.92	2.66	3.03	3.73	16.28	26.13	7.43	4.26	3.38	2.85
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.69	-4.52	-1.09	-6.47	-4.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	27.27	24.07	23.20	18.74	15.86	11.33	9.54	11.36	7.57	9.34	10.30	16.27	26.05	33.70	36.19	36.48	38.52	41.55	186.39	330.74	101.12	63.34	49.93	44.64
24248	0.75	-0.28	-0.09	1.30	1.08	0.81	0.63	0.76	0.51	0.63	0.73	1.24	1.48	2.31	2.91	2.66	3.02	3.71	16.26	25.98	7.43	4.25	3.37	2.85
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.67	-4.51	-1.09	-6.45	-4.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	27.27	24.07	23.20	18.74	15.86	11.33	9.54	11.36	7.57	9.34	10.30	16.27	26.05	33.70	36.19	36.48	38.52	41.55	186.39	330.74	101.12	63.34	49.93	44.64
24249	0.75	-0.28	-0.09	1.30	1.08	0.81	0.63	0.76	0.51	0.63	0.73	1.24	1.48	2.31	2.91	2.66	3.02	3.71	16.26	25.98	7.43	4.25	3.37	2.85
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.67	-4.51	-1.09	-6.45	-4.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	27.28	24.07	23.20	18.76	15.88	11.35	9.55	11.37	7.58	9.35	10.32	16.30	26.08	33.75	36.26	36.53	38.58	41.63	186.73	331.34	101.30	63.46	50.03	44.72
24250	0.76	-0.28	-0.10	1.32	1.10	0.82	0.65	0.77	0.52	0.65	0.74	1.27	1.51	2.36	2.98	2.71	3.09	3.79	16.61	26.58	7.62	4.37	3.46	2.93
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.67	-4.52	-1.09	-6.46	-4.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	27.28	24.07	23.20	18.76	15.88	11.35	9.55	11.37	7.58	9.35	10.32	16.30	26.08	33.75	36.26	36.53	38.58	41.63	186.73	331.34	101.30	63.46	50.03	44.72
24251	0.76	-0.28	-0.10	1.32	1.10	0.82	0.65	0.77	0.52	0.65	0.74	1.27	1.51	2.36	2.98	2.71	3.09	3.79	16.61	26.58	7.62	4.37	3.46	2.93
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.67	-4.52	-1.09	-6.46	-4.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	27.30	24.06	23.20	18.79	15.91	11.37	9.57	11.39	7.59	9.37	10.34	16.33	26.17	33.80	36.26	36.61	38.62	41.59	186.35	330.71	101.12	63.37	50.00	44.69
23729	0.78	-0.29	-0.10	1.35	1.13	0.84	0.66	0.79	0.54	0.66	0.76	1.29	1.54	2.37	2.97	2.72	3.09	3.76	16.23	25.95	7.43	4.28	3.43	2.89
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.73	-4.56	-1.10	-6.52	-4.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	27.26	24.07	23.20	18.73	15.86	11.33	9.54	11.35	7.57	9.33	10.30	16.27	26.06	33.71	36.19	36.49	38.52	41.53	186.36	330.63	101.06	63.32	49.92	44.61
24258	0.75	-0.27	-0.09	1.29	1.08	0.80	0.63	0.75	0.51	0.63	0.72	1.23	1.47	2.30	2.90	2.65	3.02	3.70	16.24	25.87	7.37	4.23	3.36	2.82
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.69	-4.53	-1.09	-6.48	-4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	27.26	24.07	23.20	18.73	15.86	11.33	9.54	11.35	7.57	9.33	10.30	16.27	26.06	33.71	36.19	36.49	38.52	41.53	186.36	330.63	101.06	63.32	49.92	44.61
24259	0.75	-0.27	-0.09	1.29	1.08	0.80	0.63	0.75	0.51	0.63	0.72	1.23	1.47	2.30	2.90	2.65	3.02	3.70	16.24	25.87	7.37	4.23	3.36	2.82
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.69	-4.53	-1.09	-6.48	-4.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	27.27	24.07	23.20	18.75	15.87	11.34	9.55	11.36	7.57	9.34	10.31	16.28	26.00	33.66	36.18	36.43	38.49	41.55	186.26	330.63	101.07	63.33	49.93	44.64
24252	0.76	-0.28	-0.09	1.31	1.09	0.82	0.64	0.76	0.51	0.64	0.73	1.25	1.49	2.31	2.91	2.66	3.03	3.71	16.13	25.87	7.39	4.24	3.37	2.84
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.62	-4.48	-1.08	-6.41	-4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	27.27	24.07	23.20	18.75	15.87	11.34	9.55	11.36	7.57	9.34	10.31	16.28	26.00	33.66	36.18	36.43	38.49	41.55	186.26	330.63	101.07	63.33	49.93	44.64
24254	0.76	-0.28	-0.09	1.31	1.09	0.82	0.64	0.76	0.51	0.64	0.73	1.25	1.49	2.31	2.91	2.66	3.03	3.71	16.13	25.87	7.39	4.24	3.37	2.84
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.62	-4.48	-1.08	-6.41	-4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	27.27	24.07	23.20	18.75	15.87	11.34	9.55	11.36	7.57	9.34	10.31	16.28	26.00	33.66	36.18	36.43	38.49	41.55	186.26	330.63	101.07	63.33	49.93	44.64
24253	0.76	-0.28	-0.09	1.31	1.09	0.82	0.64	0.76	0.51	0.64	0.73	1.25	1.49	2.31	2.91	2.66	3.03	3.71	16.13	25.87	7.39	4.24	3.37	2.84
	-17.47	-27.82	-24.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.62	-4.48	-1.08	-6.41	-4.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	27.27 0.76 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.75 1.31 0.00	15.87 1.09 0.00	11.34 0.82 0.00	9.55 0.64 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.34 0.64 0.00	10.31 0.73 0.00	16.28 1.25 0.00	26.00 1.49 -6.62	33.66 2.31 -4.48	36.18 2.91 -1.08	36.43 2.66 -6.41	38.49 3.03 -4.19	41.55 3.71 0.00	186.26 16.13 0.00	330.63 25.87 0.00	101.07 7.39 0.00	63.33 4.24 0.00	49.93 3.37 0.00	44.64 2.84 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.26 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.27 1.23 0.00	26.06 1.47 -6.69	33.71 2.30 -4.53	36.19 2.90 -1.09	36.49 2.65 -6.48	38.52 3.02 -4.24	41.53 3.70 0.00	186.36 16.24 0.00	330.63 25.87 0.00	101.06 7.37 0.00	63.32 4.23 0.00	49.92 3.36 0.00	44.61 2.82 0.00
RAVENSWOOD_GT_9 24257	27.26 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.73 1.29 0.00	15.86 1.08 0.00	11.33 0.80 0.00	9.54 0.63 0.00	11.35 0.75 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.27 1.23 0.00	26.06 1.47 -6.69	33.71 2.30 -4.53	36.19 2.90 -1.09	36.49 2.65 -6.48	38.52 3.02 -4.24	41.53 3.70 0.00	186.36 16.24 0.00	330.63 25.87 0.00	101.06 7.37 0.00	63.32 4.23 0.00	49.92 3.36 0.00	44.61 2.82 0.00
RAVENSWOOD___1 23533	27.29 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.66 0.00	10.32 0.75 0.00	16.31 1.28 0.00	26.04 1.52 -6.63	33.69 2.32 -4.48	36.20 2.93 -1.08	36.45 2.68 -6.41	38.52 3.06 -4.19	41.54 3.70 -0.01	186.27 16.14 0.00	330.42 25.66 0.00	101.03 7.34 0.00	63.28 4.19 0.00	49.96 3.40 0.00	44.66 2.86 0.00
RAVENSWOOD___2 23534	27.29 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.66 0.00	10.32 0.75 0.00	16.31 1.28 0.00	26.04 1.52 -6.63	33.69 2.32 -4.48	36.20 2.93 -1.08	36.45 2.68 -6.41	38.52 3.06 -4.19	41.54 3.70 -0.01	186.27 16.14 0.00	330.42 25.66 0.00	101.03 7.34 0.00	63.28 4.19 0.00	49.96 3.39 0.00	44.62 2.83 0.00
RAVENSWOOD___3 23535	27.26 0.75 -17.47	24.07 -0.27 -27.82	23.20 -0.09 -24.41	18.74 1.30 0.00	15.86 1.08 0.00	11.33 0.81 0.00	9.54 0.63 0.00	11.36 0.76 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.30 0.72 0.00	16.27 1.24 0.00	26.05 1.48 -6.68	33.70 2.30 -4.52	36.19 2.91 -1.09	36.47 2.65 -6.46	38.52 3.03 -4.23	41.54 3.70 -0.01	186.38 16.25 0.00	330.73 25.97 0.00	101.04 7.36 0.00	63.29 4.20 0.00	49.93 3.37 0.00	44.64 2.84 0.00
RAVENSWOOD___4 23820	27.29 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.66 0.00	10.32 0.75 0.00	16.31 1.28 0.00	26.04 1.52 -6.63	33.69 2.32 -4.48	36.20 2.93 -1.08	36.45 2.68 -6.41	38.52 3.06 -4.19	41.54 3.70 -0.01	186.27 16.14 0.00	330.42 25.66 0.00	101.03 7.34 0.00	63.28 4.19 0.00	49.96 3.40 0.00	44.66 2.86 0.00
RCPL_TRUST___DRP 24196	27.32 0.81 -17.47	24.05 -0.30 -27.82	23.20 -0.10 -24.41	18.84 1.40 0.00	15.95 1.17 0.00	11.40 0.87 0.00	9.60 0.69 0.00	11.43 0.83 0.00	7.62 0.57 0.00	9.41 0.71 0.00	10.39 0.81 0.00	16.41 1.38 0.00	26.90 1.65 -7.35	34.41 2.55 -4.98	36.61 3.22 -1.20	37.40 2.91 -7.12	39.25 3.33 -4.65	41.90 4.06 0.00	187.96 17.84 0.00	333.14 28.38 0.00	101.80 8.11 0.00	63.72 4.63 0.00	50.26 3.69 0.00	44.93 3.14 0.00
RED___ROCHESTER 323720	11.17 -0.19 -2.32	0.29 0.08 -3.69	2.14 0.02 -3.24	16.95 -0.49 0.00	14.40 -0.38 0.00	10.34 -0.18 0.00	8.73 -0.18 0.00	10.42 -0.18 0.00	6.94 -0.12 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.66 -0.38 0.00	17.40 -0.49 0.00	26.22 -0.66 0.00	31.28 -0.91 0.00	26.65 -0.72 0.00	30.35 -0.92 0.00	36.79 -1.05 0.00	166.68 -3.44 0.00	298.75 -6.01 0.00	91.95 -1.74 0.00	58.15 -0.94 0.00	45.34 -1.23 0.00	40.97 -0.82 0.00
REGAN___SOLAR 323812	31.28 0.43 -21.81	31.11 -0.16 -34.74	29.31 -0.05 -30.47	18.23 0.78 0.00	15.45 0.67 0.00	11.02 0.50 0.00	9.29 0.38 0.00	10.84 0.24 0.00	7.06 0.00 0.00	8.66 -0.04 0.00	9.50 -0.08 0.00	14.96 -0.07 0.00	17.65 -0.24 0.00	26.46 -0.42 0.00	31.66 -0.53 0.00	26.93 -0.44 0.00	30.97 -0.30 0.00	37.69 -0.14 0.00	173.42 3.30 0.00	320.72 15.96 0.00	99.34 5.66 0.00	62.66 3.58 0.00	49.18 2.61 0.00	43.95 2.15 0.00
RENSSELAER___COGEN 23796	29.31 0.31 -19.96	28.19 -0.12 -31.78	26.73 -0.04 -27.88	18.03 0.59 0.00	15.26 0.48 0.00	10.84 0.32 0.00	9.14 0.23 0.00	10.85 0.25 0.00	7.16 0.10 0.00	8.77 0.06 0.00	9.67 0.09 0.00	15.21 0.17 0.00	18.14 0.24 0.00	27.30 0.42 0.00	32.70 0.51 0.00	27.75 0.39 0.00	31.85 0.58 0.00	38.37 0.54 0.00	172.18 2.06 0.00	307.83 3.07 0.00	94.61 0.93 0.00	59.69 0.60 0.00	47.15 0.58 0.00	42.33 0.54 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.27 0.70 -20.52	28.92 -0.28 -32.67	27.46 -0.09 -28.66	18.90 1.46 0.00	15.89 1.11 0.00	11.30 0.78 0.00	9.62 0.71 0.00	11.38 0.78 0.00	7.36 0.30 0.00	9.05 0.35 0.00	10.09 0.51 0.00	15.90 0.86 0.00	19.00 1.10 0.00	28.43 1.55 0.00	33.76 1.57 0.00	28.78 1.41 0.00	33.57 2.30 0.00	40.90 3.06 0.00	185.42 15.30 0.00	332.40 27.64 0.00	104.47 10.79 0.00	65.53 6.44 0.00	51.60 5.03 0.00	45.74 3.94 0.00
REVERE_CPPR_DRP 24186	10.22 0.12 -1.05	-1.84 -0.05 -1.68	0.34 -0.01 -1.47	17.67 0.22 0.00	15.01 0.23 0.00	10.72 0.19 0.00	9.08 0.17 0.00	10.79 0.19 0.00	7.18 0.12 0.00	8.82 0.12 0.00	9.62 0.05 0.00	14.99 -0.05 0.00	17.77 -0.13 0.00	26.65 -0.22 0.00	31.97 -0.21 0.00	27.36 -0.01 0.00	31.36 0.09 0.00	38.41 0.47 -0.10	175.13 4.54 -0.47	319.11 12.64 -1.70	99.41 4.14 -1.58	61.97 2.46 -0.42	48.32 1.76 0.00	43.24 1.44 0.00
REYNLDDPA_13_KV_LD 356490	8.87 -0.18 0.00	-3.41 0.07 0.00	-1.10 0.02 0.00	17.12 -0.31 0.00	14.52 -0.25 0.00	10.36 -0.16 0.00	8.80 -0.10 0.00	10.48 -0.12 0.00	7.03 -0.02 0.00	8.73 0.03 0.00	9.60 0.03 0.00	15.06 0.03 0.00	17.90 0.00 0.00	26.75 -0.13 0.00	31.99 -0.19 0.00	27.10 -0.27 0.00	30.99 -0.28 0.00	37.56 -0.27 0.00	167.92 -2.20 0.00	301.05 -3.71 0.00	92.59 -1.10 0.00	58.50 -0.59 0.00	46.13 -0.43 0.00	41.57 -0.22 0.00
REYNOLDS_115KV_TB3 80639	29.38 0.34 -19.99	28.23 -0.13 -31.84	26.78 -0.04 -27.94	18.09 0.65 0.00	15.31 0.53 0.00	10.88 0.36 0.00	9.18 0.27 0.00	10.89 0.30 0.00	7.18 0.13 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.27 0.24 0.00	18.24 0.34 0.00	27.45 0.57 0.00	32.86 0.67 0.00	27.87 0.50 0.00	31.99 0.73 0.00	38.55 0.72 0.00	172.86 2.74 0.00	309.12 4.36 0.00	95.04 1.35 0.00	60.03 0.94 0.00	47.42 0.85 0.00	42.55 0.75 0.00

RIVERBAY____ 323610	27.30 0.78 -17.47	24.06 -0.29 -27.82	23.19 -0.10 -24.41	18.82 1.38 0.00	15.94 1.16 0.00	11.43 0.90 0.00	9.60 0.69 0.00	11.42 0.82 0.00	7.62 0.56 0.00	9.40 0.69 0.00	10.37 0.79 0.00	16.38 1.35 0.00	26.18 1.60 -6.68	33.84 2.45 -4.52	36.33 3.05 -1.09	36.61 2.79 -6.46	38.69 3.20 -4.23	41.78 3.95 0.00	186.72 16.61 0.00	331.18 26.43 0.00	101.15 7.47 0.00	63.42 4.33 0.00	50.02 3.46 0.00	44.75 2.96 0.00
RIVERSDE_115KV_TB3 55908	29.41 0.33 -20.03	28.29 -0.13 -31.89	26.83 -0.04 -27.98	18.08 0.64 0.00	15.29 0.52 0.00	10.87 0.35 0.00	9.16 0.25 0.00	10.88 0.28 0.00	7.17 0.12 0.00	8.79 0.09 0.00	9.70 0.12 0.00	15.25 0.22 0.00	18.20 0.31 0.00	27.39 0.51 0.00	32.81 0.62 0.00	27.84 0.47 0.00	31.96 0.69 0.00	38.51 0.67 0.00	172.79 2.67 0.00	308.96 4.20 0.00	94.93 1.24 0.00	59.95 0.86 0.00	47.33 0.76 0.00	42.47 0.67 0.00
ROARING__BROOK_WT_PWR 323790	8.84 -0.21 0.00	-3.40 0.07 0.00	-1.10 0.02 0.00	17.16 -0.28 0.00	14.57 -0.21 0.00	10.40 -0.12 0.00	8.82 -0.08 0.00	10.53 -0.07 0.00	7.02 -0.04 0.00	8.62 -0.08 0.00	9.45 -0.12 0.00	14.81 -0.23 0.00	17.62 -0.28 0.00	26.45 -0.43 0.00	31.78 -0.41 0.00	27.07 -0.29 0.00	30.95 -0.31 0.00	37.52 -0.31 0.00	168.58 -1.54 0.00	303.03 -1.73 0.00	93.26 -0.43 0.00	58.81 -0.28 0.00	46.39 -0.17 0.00	41.65 -0.14 0.00
ROCHESRG_115KV_T4 355643	11.06 -0.28 -2.29	0.28 0.11 -3.64	2.12 0.03 -3.20	16.80 -0.64 0.00	14.27 -0.51 0.00	10.25 -0.27 0.00	8.65 -0.26 0.00	10.33 -0.27 0.00	6.88 -0.18 0.00	8.45 -0.26 0.00	9.28 -0.30 0.00	14.52 -0.51 0.00	17.23 -0.67 0.00	25.92 -0.96 0.00	30.93 -1.26 0.00	26.33 -1.03 0.00	29.98 -1.29 0.00	36.27 -1.57 0.00	164.14 -5.98 0.00	294.37 -10.39 0.00	90.50 -3.18 0.00	57.12 -1.97 0.00	44.72 -1.84 0.00	40.44 -1.35 0.00
ROCHESTER_9_IC 23652	11.15 -0.22 -2.33	0.32 0.09 -3.71	2.16 0.03 -3.25	16.90 -0.54 0.00	14.36 -0.42 0.00	10.31 -0.21 0.00	8.70 -0.21 0.00	10.39 -0.21 0.00	6.92 -0.14 0.00	8.49 -0.21 0.00	9.33 -0.25 0.00	14.61 -0.43 0.00	17.34 -0.56 0.00	26.10 -0.78 0.00	31.13 -1.06 0.00	26.52 -0.85 0.00	30.21 -1.06 0.00	36.58 -1.25 0.00	165.73 -4.38 0.00	297.36 -7.40 0.00	91.41 -2.27 0.00	57.67 -1.42 0.00	45.12 -1.44 0.00	40.79 -1.00 0.00
ROCKVIEW_13_KV_LD 356306	27.26 0.75 -17.47	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.74 1.30 0.00	15.86 1.08 0.00	11.32 0.80 0.00	9.53 0.63 0.00	11.35 0.75 0.00	7.56 0.50 0.00	9.32 0.62 0.00	10.28 0.70 0.00	16.23 1.19 0.00	22.21 1.44 -2.87	31.09 2.27 -1.94	35.54 2.88 -0.47	32.76 2.62 -2.78	36.07 2.99 -1.82	41.50 3.66 0.00	186.11 15.99 0.00	330.84 26.08 0.00	101.11 7.43 0.00	63.43 4.34 0.00	49.99 3.43 0.00	44.68 2.88 0.00
ROME____115KV_TB2 80656	10.22 0.12 -1.05	-1.84 -0.05 -1.68	0.34 -0.01 -1.47	17.67 0.22 0.00	15.01 0.23 0.00	10.72 0.19 0.00	9.08 0.17 0.00	10.79 0.19 0.00	7.18 0.12 0.00	8.82 0.12 0.00	9.62 0.05 0.00	14.99 -0.05 0.00	17.77 -0.13 0.00	26.65 -0.22 0.00	31.97 -0.21 0.00	27.36 -0.01 0.00	31.36 0.09 0.00	38.41 0.47 -0.10	175.13 4.54 -0.47	319.11 12.64 -1.70	99.41 4.14 -1.58	61.97 2.46 -0.42	48.32 1.76 0.00	43.24 1.44 0.00
ROSETON__1 23587	27.14 0.59 -17.51	24.19 -0.22 -27.88	23.28 -0.07 -24.46	18.47 1.03 0.00	15.63 0.85 0.00	11.15 0.63 0.00	9.39 0.48 0.00	11.17 0.57 0.00	7.42 0.36 0.00	9.13 0.43 0.00	10.07 0.49 0.00	15.87 0.84 0.00	19.10 1.02 -0.18	28.60 1.60 -0.12	34.27 2.05 -0.03	29.43 1.89 -0.18	33.57 2.18 -0.11	40.54 2.70 0.00	181.99 11.87 0.00	323.81 19.05 0.00	99.10 5.41 0.00	62.21 3.13 0.00	49.07 2.51 0.00	43.86 2.07 0.00
ROSETON__2 23588	27.14 0.59 -17.51	24.19 -0.22 -27.88	23.28 -0.07 -24.46	18.47 1.03 0.00	15.63 0.85 0.00	11.15 0.63 0.00	9.39 0.48 0.00	11.17 0.57 0.00	7.42 0.36 0.00	9.13 0.43 0.00	10.07 0.49 0.00	15.87 0.84 0.00	19.10 1.02 -0.18	28.60 1.60 -0.12	34.27 2.05 -0.03	29.43 1.89 -0.18	33.57 2.18 -0.11	40.54 2.70 0.00	181.99 11.87 0.00	323.81 19.05 0.00	99.10 5.41 0.00	62.21 3.13 0.00	49.07 2.51 0.00	43.86 2.07 0.00
ROTTDRAM_115KV_TB3 80664	30.04 0.30 -20.69	29.35 -0.12 -32.95	27.75 -0.04 -28.90	18.01 0.57 0.00	15.24 0.46 0.00	10.85 0.32 0.00	9.16 0.25 0.00	10.87 0.27 0.00	7.18 0.12 0.00	8.82 0.12 0.00	9.72 0.14 0.00	15.29 0.25 0.00	18.22 0.32 0.00	27.40 0.52 0.00	32.83 0.65 0.00	27.90 0.54 0.00	32.01 0.73 0.00	38.74 0.91 0.00	174.38 4.26 0.00	312.56 7.80 0.00	96.18 2.50 0.00	60.69 1.60 0.00	47.85 1.28 0.00	42.86 1.07 0.00
RUSSELL__1 23602	11.17 -0.19 -2.32	0.29 0.08 -3.69	2.15 0.02 -3.24	16.95 -0.49 0.00	14.40 -0.38 0.00	10.34 -0.18 0.00	8.73 -0.18 0.00	10.42 -0.18 0.00	6.94 -0.12 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.66 -0.38 0.00	17.40 -0.50 0.00	26.20 -0.68 0.00	31.26 -0.93 0.00	26.63 -0.74 0.00	30.35 -0.92 0.00	36.77 -1.07 0.00	166.71 -3.40 0.00	298.97 -5.79 0.00	91.86 -1.83 0.00	57.95 -1.14 0.00	45.33 -1.23 0.00	40.98 -0.82 0.00
RUSSELL__2 23532	11.17 -0.19 -2.32	0.29 0.08 -3.69	2.15 0.02 -3.24	16.95 -0.49 0.00	14.40 -0.38 0.00	10.34 -0.18 0.00	8.73 -0.18 0.00	10.42 -0.18 0.00	6.94 -0.12 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.66 -0.38 0.00	17.40 -0.50 0.00	26.20 -0.68 0.00	31.26 -0.93 0.00	26.63 -0.74 0.00	30.35 -0.92 0.00	36.77 -1.07 0.00	166.71 -3.40 0.00	298.97 -5.79 0.00	91.86 -1.83 0.00	57.95 -1.14 0.00	45.33 -1.23 0.00	40.98 -0.82 0.00
RUSSELL__3 23549	11.17 -0.19 -2.32	0.29 0.08 -3.69	2.15 0.02 -3.24	16.95 -0.49 0.00	14.40 -0.38 0.00	10.34 -0.18 0.00	8.73 -0.18 0.00	10.42 -0.18 0.00	6.94 -0.12 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.66 -0.38 0.00	17.40 -0.50 0.00	26.20 -0.68 0.00	31.26 -0.93 0.00	26.63 -0.74 0.00	30.35 -0.92 0.00	36.77 -1.07 0.00	166.71 -3.40 0.00	298.97 -5.79 0.00	91.86 -1.83 0.00	57.95 -1.14 0.00	45.33 -1.23 0.00	40.98 -0.82 0.00
RUSSELL__4 23556	11.17 -0.19 -2.32	0.29 0.08 -3.69	2.15 0.02 -3.24	16.95 -0.49 0.00	14.40 -0.38 0.00	10.34 -0.18 0.00	8.73 -0.18 0.00	10.42 -0.18 0.00	6.94 -0.12 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.66 -0.38 0.00	17.40 -0.50 0.00	26.20 -0.68 0.00	31.26 -0.93 0.00	26.63 -0.74 0.00	30.35 -0.92 0.00	36.77 -1.07 0.00	166.71 -3.40 0.00	298.97 -5.79 0.00	91.86 -1.83 0.00	57.95 -1.14 0.00	45.33 -1.23 0.00	40.98 -0.82 0.00
RUSSELL__STATION 23914	11.17 -0.19 -2.32	0.29 0.08 -3.69	2.15 0.02 -3.24	16.95 -0.49 0.00	14.40 -0.38 0.00	10.34 -0.18 0.00	8.73 -0.18 0.00	10.42 -0.18 0.00	6.94 -0.12 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.66 -0.38 0.00	17.40 -0.50 0.00	26.20 -0.68 0.00	31.26 -0.93 0.00	26.63 -0.74 0.00	30.35 -0.92 0.00	36.77 -1.07 0.00	166.71 -3.40 0.00	298.97 -5.79 0.00	91.86 -1.83 0.00	57.95 -1.14 0.00	45.33 -1.23 0.00	40.98 -0.82 0.00

S SALMON___HYD 24043	10.21 -0.25 -1.42	-1.11 0.10 -2.26	0.90 0.03 -1.99	16.96 -0.48 0.00	14.41 -0.37 0.00	10.29 -0.23 0.00	8.72 -0.19 0.00	10.39 -0.21 0.00	6.91 -0.15 0.00	8.47 -0.23 0.00	9.28 -0.29 0.00	14.53 -0.51 0.00	17.25 -0.64 0.00	25.89 -0.99 0.00	31.07 -1.12 0.00	26.51 -0.85 0.00	30.21 -1.06 0.00	37.01 -1.22 -0.40	167.00 -4.94 -1.82	305.14 -6.16 -6.53	98.16 -1.59 -6.07	59.68 -1.01 -1.60	45.67 -0.90 -0.01	41.03 -0.77 0.00
S.PERRY___115KV_TB1 80734	12.29 -0.05 -3.30	1.80 0.02 -5.25	3.50 0.00 -4.61	17.26 -0.18 0.00	14.64 -0.14 0.00	10.51 -0.02 0.00	8.88 -0.03 0.00	10.51 -0.09 0.00	6.92 -0.14 0.00	8.46 -0.24 0.00	9.29 -0.29 0.00	14.53 -0.50 0.00	17.95 -0.62 -0.67	49.84 -0.82 -23.78	39.20 -0.93 -7.94	37.54 -0.75 -10.92	36.42 -0.80 -5.96	37.01 -0.84 -0.02	173.32 -1.65 -4.86	307.05 2.29 0.00	107.51 1.41 -12.41	71.09 0.96 -11.04	46.77 0.20 0.00	42.02 0.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	11.59 -0.59 -3.14	1.75 0.23 -4.99	3.34 0.07 -4.38	16.14 -1.30 0.00	13.74 -1.04 0.00	9.95 -0.58 0.00	8.40 -0.51 0.00	10.09 -0.51 0.00	6.77 -0.29 0.00	8.30 -0.41 0.00	9.10 -0.48 0.00	14.18 -0.85 0.00	16.49 -1.18 0.22	17.42 -1.70 7.76	27.34 -2.25 2.59	21.92 -1.88 3.56	26.86 -2.46 1.95	34.69 -3.14 0.00	155.16 -13.37 1.58	280.05 -24.71 0.00	117.62 -7.66 -31.60	82.51 -4.69 -28.12	42.57 -4.00 0.00	38.87 -2.93 0.00
SAWYER___23_KV_LOAD 55526	11.59 -0.59 -3.14	1.75 0.23 -4.99	3.34 0.07 -4.38	16.14 -1.30 0.00	13.74 -1.04 0.00	9.95 -0.58 0.00	8.40 -0.51 0.00	10.09 -0.51 0.00	6.77 -0.29 0.00	8.30 -0.41 0.00	9.10 -0.48 0.00	14.18 -0.85 0.00	16.49 -1.18 0.22	17.42 -1.70 7.76	27.34 -2.25 2.59	21.92 -1.88 3.56	26.86 -2.46 1.95	34.69 -3.14 0.00	155.16 -13.37 1.58	280.05 -24.71 0.00	117.62 -7.66 -31.60	82.51 -4.69 -28.12	42.57 -4.00 0.00	38.87 -2.93 0.00
SELKIRK___I 23801	29.13 0.35 -19.73	27.81 -0.13 -31.42	26.41 -0.04 -27.56	18.10 0.66 0.00	15.32 0.55 0.00	10.90 0.37 0.00	9.18 0.27 0.00	10.87 0.27 0.00	7.17 0.11 0.00	8.79 0.09 0.00	9.69 0.11 0.00	15.24 0.20 0.00	18.18 0.28 0.00	27.35 0.48 0.00	32.77 0.58 0.00	27.84 0.48 0.00	31.90 0.63 0.00	38.50 0.66 0.00	173.09 2.97 0.00	310.00 5.24 0.00	95.36 1.67 0.00	60.21 1.12 0.00	47.56 0.99 0.00	42.67 0.88 0.00
SELKIRK___II 23799	29.22 0.31 -19.86	28.04 -0.12 -31.63	26.60 -0.04 -27.75	18.03 0.59 0.00	15.26 0.48 0.00	10.85 0.33 0.00	9.15 0.24 0.00	10.86 0.27 0.00	7.18 0.12 0.00	8.81 0.10 0.00	9.71 0.13 0.00	15.27 0.23 0.00	18.21 0.31 0.00	27.40 0.52 0.00	32.82 0.64 0.00	27.89 0.53 0.00	31.97 0.70 0.00	38.57 0.74 0.00	173.05 2.93 0.00	309.29 4.54 0.00	95.06 1.37 0.00	59.98 0.90 0.00	47.37 0.81 0.00	42.49 0.70 0.00
SENECA OSWGO___HYD 24041	10.36 -0.23 -1.55	-0.92 0.09 -2.46	1.07 0.03 -2.16	16.97 -0.47 0.00	14.39 -0.39 0.00	10.26 -0.26 0.00	8.68 -0.23 0.00	10.32 -0.28 0.00	6.86 -0.20 0.00	8.43 -0.28 0.00	9.26 -0.32 0.00	14.53 -0.50 0.00	17.29 -0.61 0.00	25.99 -0.89 0.00	31.11 -1.08 0.00	26.45 -0.91 0.00	30.16 -1.11 0.00	37.08 -1.35 -0.60	167.23 -5.62 -2.73	305.50 -9.06 -9.80	100.02 -2.78 -9.11	59.74 -1.75 -2.40	45.10 -1.48 -0.02	40.52 -1.27 0.00
SENECA___115KV_TB3 355854	11.77 -0.53 -3.26	1.92 0.21 -5.18	3.50 0.07 -4.55	16.27 -1.17 0.00	13.85 -0.93 0.00	10.01 -0.51 0.00	8.46 -0.45 0.00	10.15 -0.44 0.00	6.80 -0.26 0.00	8.35 -0.35 0.00	9.15 -0.42 0.00	14.29 -0.75 0.00	16.63 -1.04 0.23	17.41 -1.46 8.01	27.55 -1.97 2.67	22.07 -1.62 3.68	27.11 -2.15 2.01	35.13 -2.69 0.01	157.25 -11.23 1.63	283.67 -21.09 0.00	116.03 -6.41 -28.75	81.01 -3.66 -25.58	43.09 -3.47 0.00	39.24 -2.55 0.00
SENECA___ENERGY 23797	11.41 -0.11 -2.47	0.50 0.04 -3.93	2.35 0.01 -3.45	17.18 -0.26 0.00	14.56 -0.21 0.00	10.44 -0.08 0.00	8.84 -0.07 0.00	10.49 -0.11 0.00	6.95 -0.11 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.65 -0.38 0.00	17.46 -0.49 -0.05	27.83 -0.65 -1.60	31.94 -0.79 -0.54	27.49 -0.61 -0.74	30.91 -0.76 -0.40	37.27 -0.81 -0.24	169.67 -1.89 -1.44	306.94 -1.80 -3.98	96.84 -0.55 -3.70	59.76 -0.31 -0.98	46.02 -0.55 -0.01	41.35 -0.45 0.00
SHOEMAKER___GT 23640	26.23 0.56 -16.62	22.78 -0.21 -26.47	22.04 -0.07 -23.22	18.43 0.99 0.00	15.60 0.82 0.00	11.13 0.60 0.00	9.37 0.46 0.00	11.14 0.54 0.00	7.39 0.33 0.00	9.09 0.39 0.00	10.01 0.43 0.00	15.77 0.74 0.00	18.28 0.89 0.51	27.94 1.41 0.35	33.93 1.82 0.08	28.60 1.73 0.50	32.97 2.03 0.32	40.40 2.56 0.00	181.78 11.67 0.00	324.21 19.45 0.00	99.21 5.52 0.00	62.28 3.19 0.00	49.08 2.52 0.00	43.85 2.06 0.00
SHOEMAKR_138KV_BK 111 55601	26.17 0.56 -16.56	22.69 -0.21 -26.37	21.95 -0.07 -23.14	18.43 0.99 0.00	15.60 0.82 0.00	11.13 0.60 0.00	9.37 0.46 0.00	11.14 0.54 0.00	7.39 0.34 0.00	9.10 0.40 0.00	10.02 0.45 0.00	15.80 0.76 0.00	18.33 0.92 0.49	28.01 1.46 0.33	34.00 1.89 0.08	28.67 1.77 0.47	33.03 2.07 0.31	40.44 2.61 0.00	181.86 11.74 0.00	324.22 19.46 0.00	99.22 5.54 0.00	62.29 3.21 0.00	49.07 2.50 0.00	43.85 2.05 0.00
SHOREHAM_IC_1 23715	28.79 0.79 -18.95	24.05 -0.30 -27.82	23.21 -0.09 -24.41	18.95 1.51 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.66 0.75 0.00	11.52 0.92 0.00	11.11 0.70 -3.35	9.55 0.84 -0.01	10.33 0.76 0.00	28.56 1.23 -12.30	39.39 1.27 -20.22	36.32 2.16 -7.28	35.80 2.71 -0.90	35.08 2.40 -5.32	37.58 2.83 -3.48	41.38 3.55 -0.01	183.20 13.08 0.00	325.69 20.93 0.00	99.45 5.76 0.00	62.95 3.86 0.00	49.75 3.18 0.00	44.12 2.32 0.00
SHOREHAM_IC_2 23716	28.79 0.79 -18.95	24.05 -0.30 -27.82	23.21 -0.09 -24.41	18.95 1.51 0.00	16.02 1.24 0.00	11.44 0.92 0.00	9.66 0.75 0.00	11.52 0.92 0.00	11.11 0.70 -3.35	9.55 0.84 -0.01	10.33 0.76 0.00	28.56 1.23 -12.30	39.39 1.27 -20.22	36.32 2.16 -7.28	35.80 2.71 -0.90	35.08 2.40 -5.32	37.58 2.83 -3.48	41.38 3.55 -0.01	183.20 13.08 0.00	325.69 20.93 0.00	99.45 5.76 0.00	62.95 3.86 0.00	49.75 3.18 0.00	44.12 2.32 0.00
SISSONVILLE____ 23735	8.96 -0.39 -0.30	-2.84 0.15 -0.48	-0.64 0.05 -0.43	16.72 -0.72 0.00	14.21 -0.57 0.00	10.15 -0.37 0.00	8.64 -0.27 0.00	10.28 -0.32 0.00	6.90 -0.16 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.66 -0.37 0.00	17.42 -0.48 0.00	26.00 -0.88 0.00	31.12 -1.07 0.00	26.23 -1.13 0.00	29.92 -1.35 0.00	36.37 -1.51 -0.05	163.45 -6.90 -0.24	295.70 -9.92 -0.86	91.93 -2.55 -0.80	57.66 -1.64 -0.21	45.24 -1.32 0.00	40.74 -1.05 0.00
SITHE_IND_GS1 24169	10.03 -0.23 -1.22	-1.45 0.09 -1.94	0.61 0.03 -1.70	16.98 -0.46 0.00	14.40 -0.38 0.00	10.27 -0.25 0.00	8.68 -0.22 0.00	10.33 -0.27 0.00	6.87 -0.19 0.00	8.44 -0.26 0.00	9.29 -0.29 0.00	14.57 -0.47 0.00	17.33 -0.56 0.00	26.05 -0.83 0.00	31.16 -1.02 0.00	26.47 -0.89 0.00	30.13 -1.14 0.00	34.66 -1.44 1.74	155.89 -6.28 7.95	265.46 -10.80 28.50	63.89 -3.29 26.50	50.03 -2.07 6.99	44.83 -1.69 0.05	40.39 -1.40 0.00

SITHE_IND_GS2 24170	10.03 -0.23 -1.22	-1.45 0.09 -1.94	0.61 0.03 -1.70	16.98 -0.46 0.00	14.40 -0.38 0.00	10.27 -0.25 0.00	8.68 -0.22 0.00	10.33 -0.27 0.00	6.87 -0.19 0.00	8.44 -0.26 0.00	9.29 -0.29 0.00	14.57 -0.47 0.00	17.33 -0.56 0.00	26.05 -0.83 0.00	31.16 -1.02 0.00	26.47 -0.89 0.00	30.13 -1.14 0.00	34.66 -1.44 1.74	155.89 -6.28 7.95	265.46 -10.80 28.50	63.89 -3.29 26.50	50.03 -2.07 6.99	44.83 -1.69 0.05	40.39 -1.40 0.00
SITHE_IND_GS3 24171	10.03 -0.23 -1.22	-1.45 0.09 -1.94	0.61 0.03 -1.70	16.98 -0.46 0.00	14.40 -0.38 0.00	10.27 -0.25 0.00	8.68 -0.22 0.00	10.33 -0.27 0.00	6.87 -0.19 0.00	8.44 -0.26 0.00	9.29 -0.29 0.00	14.57 -0.47 0.00	17.33 -0.56 0.00	26.05 -0.83 0.00	31.16 -1.02 0.00	26.47 -0.89 0.00	30.13 -1.14 0.00	34.66 -1.44 1.74	155.89 -6.28 7.95	265.46 -10.80 28.50	63.89 -3.29 26.50	50.03 -2.07 6.99	44.83 -1.69 0.05	40.39 -1.40 0.00
SITHE_IND_GS4 24172	10.03 -0.23 -1.22	-1.45 0.09 -1.94	0.61 0.03 -1.70	16.98 -0.46 0.00	14.40 -0.38 0.00	10.27 -0.25 0.00	8.68 -0.22 0.00	10.33 -0.27 0.00	6.87 -0.19 0.00	8.44 -0.26 0.00	9.29 -0.29 0.00	14.57 -0.47 0.00	17.33 -0.56 0.00	26.05 -0.83 0.00	31.16 -1.02 0.00	26.47 -0.89 0.00	30.13 -1.14 0.00	34.66 -1.44 1.74	155.89 -6.28 7.95	265.46 -10.80 28.50	63.89 -3.29 26.50	50.03 -2.07 6.99	44.83 -1.69 0.05	40.39 -1.40 0.00
SITHE___BATAVIA 24024	11.44 -0.33 -2.73	1.01 0.13 -4.35	2.75 0.04 -3.82	16.63 -0.81 0.00	14.16 -0.62 0.00	10.22 -0.30 0.00	8.62 -0.29 0.00	10.30 -0.30 0.00	6.84 -0.22 0.00	8.35 -0.35 0.00	9.16 -0.42 0.00	14.28 -0.76 0.00	16.72 -1.06 0.11	21.46 -1.37 4.06	28.90 -1.93 1.36	23.91 -1.59 1.87	28.17 -2.08 1.02	35.31 -2.52 0.00	160.31 -8.98 0.83	291.10 -13.66 0.00	106.62 -3.50 -16.44	71.90 -1.81 -14.62	44.46 -2.10 0.00	40.35 -1.45 0.00
SITHE___INDEPEND 23800	10.03 -0.23 -1.22	-1.45 0.09 -1.94	0.61 0.03 -1.70	16.98 -0.46 0.00	14.40 -0.38 0.00	10.27 -0.25 0.00	8.68 -0.22 0.00	10.33 -0.27 0.00	6.87 -0.19 0.00	8.44 -0.26 0.00	9.29 -0.29 0.00	14.57 -0.47 0.00	17.33 -0.57 0.00	26.05 -0.83 0.00	31.16 -1.03 0.00	26.47 -0.89 0.00	30.13 -1.14 0.00	34.66 -1.44 1.74	155.89 -6.28 7.95	265.46 -10.79 28.50	63.89 -3.29 26.50	50.01 -2.09 6.99	44.83 -1.69 0.05	40.39 -1.41 0.00
SITHE___MASSENA 23902	8.84 -0.21 0.00	-3.40 0.08 0.00	-1.09 0.02 0.00	17.07 -0.37 0.00	14.49 -0.29 0.00	10.34 -0.18 0.00	8.78 -0.12 0.00	10.46 -0.14 0.00	7.02 -0.04 0.00	8.71 0.01 0.00	9.57 0.00 0.00	15.01 -0.03 0.00	17.83 -0.07 0.00	26.64 -0.24 0.00	31.87 -0.32 0.00	26.98 -0.39 0.00	30.84 -0.43 0.00	37.38 -0.45 0.00	167.62 -2.50 0.00	300.99 -3.77 0.00	92.76 -0.93 0.00	58.48 -0.61 0.00	46.09 -0.47 0.00	41.45 -0.34 0.00
SITHE___OGDNSBRG 24021	8.89 -0.16 0.00	-3.42 0.06 0.00	-1.10 0.02 0.00	17.15 -0.29 0.00	14.57 -0.21 0.00	10.40 -0.12 0.00	8.84 -0.06 0.00	10.49 -0.11 0.00	7.02 -0.04 0.00	8.69 -0.02 0.00	9.55 -0.03 0.00	14.91 -0.13 0.00	17.70 -0.19 0.00	26.43 -0.45 0.00	31.62 -0.57 0.00	26.72 -0.64 0.00	30.53 -0.74 0.00	37.04 -0.79 0.00	166.27 -3.85 0.00	301.96 -2.80 0.00	93.67 -0.02 0.00	59.06 -0.03 0.00	46.48 -0.08 0.00	41.80 0.01 0.00
SITHE___STERLING 23777	10.36 0.13 -1.18	-1.65 -0.05 -1.87	0.52 -0.01 -1.65	17.67 0.23 0.00	14.99 0.21 0.00	10.70 0.17 0.00	9.05 0.15 0.00	10.75 0.15 0.00	7.14 0.08 0.00	8.77 0.07 0.00	9.59 0.02 0.00	14.99 -0.05 0.00	17.81 -0.08 0.00	26.74 -0.14 0.00	32.05 -0.14 0.00	27.38 0.02 0.00	31.35 0.08 0.00	38.28 0.34 -0.11	173.86 3.26 -0.48	315.45 8.96 -1.74	98.29 2.99 -1.61	61.31 1.79 -0.43	47.82 1.25 0.00	42.83 1.04 0.00
SLEIGHT__34_KV_TB1 80719	11.09 -0.22 -2.26	0.21 0.09 -3.60	2.07 0.03 -3.16	16.93 -0.51 0.00	14.38 -0.40 0.00	10.30 -0.22 0.00	8.71 -0.20 0.00	10.36 -0.24 0.00	6.87 -0.19 0.00	8.42 -0.28 0.00	9.25 -0.33 0.00	14.49 -0.55 0.00	17.21 -0.69 0.00	25.92 -0.96 0.00	30.98 -1.21 0.00	26.39 -0.97 0.00	30.08 -1.18 0.00	36.56 -1.34 -0.07	165.97 -4.47 -0.32	299.18 -6.72 -1.15	92.75 -2.00 -1.07	58.10 -1.27 -0.28	45.27 -1.29 0.00	40.77 -1.03 0.00
SOUTH CAIRO___GT 23612	28.91 0.56 -19.31	27.09 -0.19 -30.75	25.81 -0.06 -26.98	18.44 0.99 0.00	15.60 0.82 0.00	11.10 0.57 0.00	9.34 0.43 0.00	11.06 0.46 0.00	7.26 0.20 0.00	8.87 0.16 0.00	9.77 0.19 0.00	15.37 0.34 0.00	18.35 0.45 0.00	27.66 0.78 0.00	33.14 0.95 0.00	28.19 0.82 0.00	32.44 1.17 0.00	39.31 1.47 0.00	176.44 6.33 0.00	317.14 12.38 0.00	98.39 4.70 0.00	62.24 3.16 0.00	48.91 2.34 0.00	43.71 1.92 0.00
SOUTH HAMPTN___IC 23720	28.76 0.77 -18.94	24.06 -0.28 -27.82	23.21 -0.08 -24.41	18.87 1.43 0.00	15.96 1.18 0.00	11.40 0.87 0.00	9.66 0.75 0.00	11.56 0.97 0.00	11.17 0.76 -3.35	9.65 0.94 -0.01	10.44 0.87 0.00	28.74 1.43 -12.28	39.50 1.41 -20.20	36.46 2.31 -7.27	35.99 2.90 -0.90	35.18 2.49 -5.32	37.62 2.88 -3.48	41.47 3.63 -0.01	183.91 13.79 0.00	326.88 22.12 0.00	99.76 6.08 0.00	63.04 3.96 0.00	49.78 3.22 0.00	44.14 2.34 0.00
SOUTHDOW__115KV_TB1 355954	12.13 -0.40 -3.48	2.23 0.16 -5.55	3.81 0.06 -4.87	16.58 -0.86 0.00	14.14 -0.63 0.00	10.25 -0.27 0.00	8.68 -0.23 0.00	10.43 -0.17 0.00	6.98 -0.08 0.00	8.61 -0.09 0.00	9.47 -0.11 0.00	14.81 -0.22 0.00	17.32 -0.45 0.13	21.54 -0.58 4.76	29.66 -0.94 1.59	24.49 -0.69 2.19	29.06 -1.02 1.19	36.63 -1.20 0.00	165.27 -3.88 0.97	297.62 -7.14 0.00	114.99 -2.51 -23.81	78.54 -1.74 -21.19	44.63 -1.93 0.00	40.02 -1.77 0.00
SOUTHOLD_69_KV_BK 2 55809	28.69 0.70 -18.94	24.09 -0.26 -27.82	23.22 -0.08 -24.41	18.72 1.28 0.00	15.83 1.05 0.00	11.30 0.78 0.00	9.61 0.71 0.00	11.55 0.95 0.00	11.19 0.78 -3.35	9.69 0.98 -0.01	10.48 0.91 0.00	28.83 1.51 -12.28	39.52 1.42 -20.20	36.48 2.33 -7.27	36.02 2.93 -0.90	35.11 2.42 -5.32	37.47 2.73 -3.48	41.34 3.50 0.00	183.55 13.43 0.00	326.27 21.51 0.00	99.54 5.85 0.00	62.89 3.80 0.00	49.55 2.98 0.00	43.88 2.09 0.00
SOUTHOLD___IC 23719	28.69 0.70 -18.94	24.09 -0.26 -27.82	23.22 -0.07 -24.41	18.72 1.28 0.00	15.83 1.05 0.00	11.30 0.78 0.00	9.61 0.71 0.00	11.55 0.95 0.00	11.19 0.78 -3.35	9.69 0.98 -0.01	10.48 0.91 0.00	28.83 1.51 -12.28	39.52 1.42 -20.20	36.48 2.33 -7.27	36.01 2.93 -0.90	35.10 2.42 -5.32	37.47 2.73 -3.48	41.34 3.50 -0.01	183.56 13.44 0.00	326.27 21.51 0.00	99.51 5.82 0.00	62.81 3.73 0.00	49.55 2.98 0.00	43.88 2.08 0.00
SOUTH_FORK_WT_PWR 323839	28.56 0.57 -18.94	24.14 -0.20 -27.82	23.24 -0.06 -24.41	18.47 1.03 0.00	15.61 0.83 0.00	11.15 0.62 0.00	9.52 0.61 0.00	11.48 0.88 0.00	11.17 0.76 -3.35	9.69 0.97 -0.01	10.47 0.89 0.00	28.81 1.50 -12.28	39.41 1.32 -20.20	36.29 2.14 -7.27	35.77 2.68 -0.90	34.80 2.11 -5.32	37.07 2.32 -3.48	40.86 3.02 -0.01	181.36 11.24 0.00	322.32 17.56 0.00	98.30 4.61 0.00	62.04 2.95 0.00	48.93 2.37 0.00	43.32 1.53 0.00

SPIERFLS_115KV_TB 1 80737	30.09 0.51 -20.54	29.03 -0.20 -32.70	27.52 -0.06 -28.69	18.41 0.97 0.00	15.56 0.79 0.00	11.08 0.55 0.00	9.37 0.47 0.00	11.10 0.50 0.00	7.28 0.21 0.00	8.93 0.23 0.00	9.87 0.30 0.00	15.54 0.50 0.00	18.55 0.65 0.00	27.84 0.96 0.00	33.29 1.11 0.00	28.27 0.90 0.00	32.67 1.40 0.00	39.61 1.78 0.00	179.14 9.02 0.00	322.11 17.35 0.00	99.54 5.86 0.00	62.80 3.71 0.00	49.37 2.81 0.00	44.02 2.23 0.00
ST LAWRENCE____ 23600	8.79 -0.25 0.00	-3.38 0.09 0.00	-1.08 0.03 0.00	16.99 -0.45 0.00	14.41 -0.37 0.00	10.28 -0.24 0.00	8.74 -0.17 0.00	10.40 -0.19 0.00	6.98 -0.08 0.00	8.66 -0.04 0.00	9.53 -0.05 0.00	14.95 -0.09 0.00	17.77 -0.12 0.00	26.58 -0.31 0.00	31.78 -0.41 0.00	26.94 -0.43 0.00	30.79 -0.47 0.00	37.31 -0.52 0.00	167.44 -2.68 0.00	300.29 -4.47 0.00	92.42 -1.26 0.00	58.29 -0.80 0.00	45.95 -0.62 0.00	41.25 -0.54 0.00
STATE_CA_115KV_115_LB 55624	29.52 0.35 -20.13	28.45 -0.13 -32.05	26.97 -0.04 -28.12	18.11 0.67 0.00	15.32 0.54 0.00	10.89 0.37 0.00	9.18 0.27 0.00	10.89 0.30 0.00	7.19 0.13 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.28 0.25 0.00	18.23 0.33 0.00	27.44 0.56 0.00	32.86 0.67 0.00	27.91 0.55 0.00	32.05 0.78 0.00	38.63 0.80 0.00	173.49 3.37 0.00	310.18 5.41 0.00	95.29 1.60 0.00	60.12 1.03 0.00	47.43 0.87 0.00	42.56 0.77 0.00
STATE_ST_34_KV_LOAD 55959	11.50 0.01 -2.45	0.42 0.00 -3.89	2.30 0.00 -3.42	17.42 -0.02 0.00	14.81 0.03 0.00	10.58 0.06 0.00	8.95 0.04 0.00	10.62 0.02 0.00	7.03 -0.03 0.00	8.62 -0.09 0.00	9.46 -0.11 0.00	14.80 -0.24 0.00	17.58 -0.32 0.00	26.52 -0.36 0.00	31.77 -0.41 0.00	27.05 -0.31 0.00	30.79 -0.48 0.00	37.64 -0.48 0.00	171.21 -0.19 -1.28	309.63 0.28 -4.60	98.28 0.32 -4.28	60.40 0.19 -1.13	46.55 -0.02 -0.01	41.79 0.00 0.00
STATION 5_MISC_HYD 23604	11.15 -0.22 -2.33	0.32 0.09 -3.71	2.16 0.03 -3.25	16.90 -0.54 0.00	14.36 -0.42 0.00	10.31 -0.21 0.00	8.71 -0.20 0.00	10.39 -0.21 0.00	6.92 -0.14 0.00	8.49 -0.21 0.00	9.33 -0.25 0.00	14.61 -0.43 0.00	17.35 -0.55 0.00	26.12 -0.76 0.00	31.15 -1.04 0.00	26.54 -0.83 0.00	30.22 -1.05 0.00	36.60 -1.23 0.00	165.76 -4.36 0.00	297.16 -7.60 0.00	91.48 -2.21 0.00	57.88 -1.21 0.00	45.13 -1.44 0.00	40.78 -1.01 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	11.21 -0.15 -2.32	0.29 0.06 -3.70	2.15 0.02 -3.24	17.05 -0.39 0.00	14.47 -0.30 0.00	10.37 -0.15 0.00	8.76 -0.15 0.00	10.44 -0.16 0.00	6.93 -0.12 0.00	8.51 -0.20 0.00	9.34 -0.24 0.00	14.62 -0.41 0.00	17.37 -0.52 0.00	26.15 -0.72 0.00	31.26 -0.93 0.00	26.64 -0.72 0.00	30.39 -0.88 0.00	36.94 -0.97 -0.08	167.67 -2.79 -0.35	302.01 -3.99 -1.25	93.55 -1.29 -1.16	58.54 -0.85 -0.31	45.60 -0.97 0.00	41.07 -0.72 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	11.07 -0.27 -2.30	0.29 0.10 -3.66	2.13 0.03 -3.21	16.82 -0.62 0.00	14.29 -0.49 0.00	10.26 -0.26 0.00	8.66 -0.25 0.00	10.33 -0.27 0.00	6.88 -0.18 0.00	8.45 -0.26 0.00	9.28 -0.30 0.00	14.53 -0.50 0.00	17.25 -0.64 0.00	25.97 -0.91 0.00	30.98 -1.21 0.00	26.38 -0.98 0.00	30.06 -1.20 0.00	36.40 -1.43 0.00	164.85 -5.27 0.00	295.78 -8.98 0.00	90.90 -2.78 0.00	57.36 -1.73 0.00	44.89 -1.68 0.00	40.56 -1.24 0.00
STA_56____34_KV_BUS2 355983	11.07 -0.27 -2.30	0.29 0.10 -3.66	2.13 0.03 -3.21	16.82 -0.62 0.00	14.29 -0.49 0.00	10.26 -0.26 0.00	8.66 -0.25 0.00	10.33 -0.27 0.00	6.88 -0.18 0.00	8.45 -0.26 0.00	9.28 -0.30 0.00	14.53 -0.50 0.00	17.25 -0.64 0.00	25.97 -0.91 0.00	30.98 -1.21 0.00	26.38 -0.98 0.00	30.06 -1.20 0.00	36.40 -1.43 0.00	164.85 -5.27 0.00	295.78 -8.98 0.00	90.90 -2.78 0.00	57.36 -1.73 0.00	44.89 -1.68 0.00	40.56 -1.24 0.00
STA_67____115KV_BK2 355882	11.14 -0.23 -2.33	0.33 0.09 -3.71	2.17 0.03 -3.25	16.88 -0.56 0.00	14.34 -0.44 0.00	10.30 -0.22 0.00	8.69 -0.21 0.00	10.37 -0.22 0.00	6.91 -0.15 0.00	8.48 -0.22 0.00	9.32 -0.26 0.00	14.59 -0.45 0.00	17.31 -0.59 0.00	26.05 -0.83 0.00	31.09 -1.10 0.00	26.47 -0.90 0.00	30.16 -1.11 0.00	36.51 -1.32 0.00	165.36 -4.76 0.00	296.75 -8.00 0.00	91.23 -2.45 0.00	57.57 -1.52 0.00	45.05 -1.51 0.00	40.72 -1.07 0.00
STA_7____115KV_9TRANS 80674	11.17 -0.19 -2.32	0.29 0.08 -3.69	2.15 0.02 -3.24	16.95 -0.49 0.00	14.40 -0.38 0.00	10.34 -0.18 0.00	8.73 -0.18 0.00	10.42 -0.18 0.00	6.94 -0.12 0.00	8.52 -0.18 0.00	9.35 -0.22 0.00	14.66 -0.38 0.00	17.40 -0.50 0.00	26.20 -0.68 0.00	31.26 -0.93 0.00	26.63 -0.74 0.00	30.35 -0.92 0.00	36.77 -1.07 0.00	166.71 -3.40 0.00	298.97 -5.79 0.00	91.86 -1.83 0.00	57.95 -1.14 0.00	45.33 -1.23 0.00	40.98 -0.82 0.00
STA_82____115KV_TB1 80780	11.13 -0.25 -2.33	0.34 0.10 -3.71	2.17 0.03 -3.26	16.85 -0.59 0.00	14.32 -0.46 0.00	10.29 -0.24 0.00	8.68 -0.23 0.00	10.36 -0.24 0.00	6.90 -0.16 0.00	8.47 -0.24 0.00	9.30 -0.28 0.00	14.56 -0.47 0.00	17.28 -0.62 0.00	26.00 -0.88 0.00	31.03 -1.16 0.00	26.42 -0.95 0.00	30.09 -1.18 0.00	36.42 -1.41 0.00	164.99 -5.12 0.00	295.95 -8.80 0.00	91.01 -2.67 0.00	57.43 -1.66 0.00	44.94 -1.62 0.00	40.63 -1.16 0.00
STEEL____WIND 323596	11.77 -0.54 -3.26	1.93 0.21 -5.18	3.50 0.07 -4.55	16.24 -1.20 0.00	13.83 -0.95 0.00	10.00 -0.52 0.00	8.45 -0.45 0.00	10.13 -0.47 0.00	6.79 -0.26 0.00	8.34 -0.36 0.00	9.14 -0.43 0.00	14.27 -0.77 0.00	16.61 -1.06 0.23	17.37 -1.49 8.01	27.50 -2.01 2.67	22.03 -1.65 3.68	27.08 -2.18 2.01	35.08 -2.74 0.01	157.02 -11.46 1.63	283.44 -21.32 0.00	115.94 -6.50 -28.75	80.92 -3.75 -25.58	43.05 -3.51 0.00	39.20 -2.60 0.00
STEPHTWN_115KV_BK_2 55603	29.37 0.37 -19.96	28.16 -0.14 -31.78	26.72 -0.05 -27.88	18.15 0.71 0.00	15.36 0.58 0.00	10.92 0.40 0.00	9.20 0.29 0.00	10.93 0.33 0.00	7.21 0.15 0.00	8.83 0.12 0.00	9.73 0.15 0.00	15.30 0.26 0.00	18.25 0.35 0.00	27.46 0.58 0.00	32.90 0.71 0.00	27.94 0.57 0.00	32.10 0.83 0.00	38.70 0.87 0.00	173.92 3.80 0.00	311.10 6.34 0.00	95.58 1.90 0.00	60.32 1.23 0.00	47.55 0.99 0.00	42.65 0.85 0.00
STEUBEN_REC_LFGE 323667	12.83 -0.38 -4.16	3.28 0.13 -6.62	4.74 0.05 -5.81	16.75 -0.69 0.00	14.19 -0.59 0.00	10.16 -0.36 0.00	8.62 -0.29 0.00	10.20 -0.40 0.00	6.77 -0.29 0.00	8.27 -0.44 0.00	9.09 -0.49 0.00	14.20 -0.84 0.00	17.34 -0.98 -0.43	40.84 -1.25 -15.21	35.79 -1.48 -5.08	33.29 -1.06 -6.98	33.95 -1.13 -3.81	36.78 -1.16 -0.11	171.11 -2.57 -3.57	305.11 -1.24 -1.59	107.32 -0.45 -14.09	70.36 -0.34 -11.61	45.75 -0.82 0.00	40.87 -0.93 0.00
STILLWATER____SOLAR 323814	29.96 0.46 -20.46	28.93 -0.18 -32.58	27.42 -0.05 -28.59	18.29 0.85 0.00	15.47 0.69 0.00	11.01 0.49 0.00	9.30 0.39 0.00	11.02 0.42 0.00	7.24 0.18 0.00	8.88 0.18 0.00	9.80 0.22 0.00	15.43 0.39 0.00	18.40 0.51 0.00	27.65 0.77 0.00	33.13 0.95 0.00	28.12 0.76 0.00	32.42 1.16 0.00	39.28 1.45 0.00	177.24 7.13 0.00	318.25 13.49 0.00	98.09 4.40 0.00	61.86 2.77 0.00	48.74 2.17 0.00	43.57 1.78 0.00

STONY___BROOK 24151	28.85 0.85 -18.95	24.04 -0.31 -27.82	23.20 -0.09 -24.41	18.96 1.51 0.00	16.02 1.25 0.00	11.45 0.92 0.00	9.65 0.74 0.00	11.49 0.90 0.00	11.07 0.65 -3.36	9.50 0.79 -0.01	10.36 0.78 0.00	28.68 1.31 -12.34	39.63 1.47 -20.27	36.61 2.44 -7.29	36.24 3.15 -0.90	35.51 2.82 -5.32	37.87 3.12 -3.48	41.66 3.82 -0.01	184.91 14.79 0.00	328.46 23.71 0.00	100.29 6.60 0.00	63.20 4.11 0.00	50.02 3.46 0.00	44.57 2.78 0.00
STURGEON_POOL_HYD 23609	27.35 0.61 -17.70	24.48 -0.22 -28.18	23.54 -0.07 -24.72	18.51 1.07 0.00	15.66 0.88 0.00	11.17 0.64 0.00	9.40 0.49 0.00	11.19 0.59 0.00	7.44 0.38 0.00	9.16 0.45 0.00	10.10 0.52 0.00	15.92 0.88 0.00	18.96 1.06 0.00	28.57 1.69 0.00	34.37 2.18 0.00	29.38 2.02 0.00	33.63 2.36 0.00	40.82 2.99 0.00	183.36 13.24 0.00	326.01 21.25 0.00	99.81 6.12 0.00	62.65 3.57 0.00	49.33 2.76 0.00	44.05 2.25 0.00
ST_LAW_115_BK7_LBMP 345037	8.78 -0.27 0.00	-3.38 0.10 0.00	-1.09 0.03 0.00	16.97 -0.47 0.00	14.39 -0.39 0.00	10.27 -0.26 0.00	8.73 -0.18 0.00	10.39 -0.21 0.00	6.97 -0.08 0.00	8.66 -0.05 0.00	9.52 -0.06 0.00	14.94 -0.10 0.00	17.75 -0.14 0.00	26.53 -0.35 0.00	31.74 -0.45 0.00	26.89 -0.47 0.00	30.74 -0.53 0.00	37.25 -0.58 0.00	167.10 -3.02 0.00	299.67 -5.09 0.00	92.25 -1.43 0.00	58.18 -0.90 0.00	45.87 -0.69 0.00	41.19 -0.60 0.00
ST_LAW_115_BK8_LBMP 345038	8.78 -0.27 0.00	-3.38 0.10 0.00	-1.09 0.03 0.00	16.97 -0.47 0.00	14.39 -0.39 0.00	10.27 -0.26 0.00	8.73 -0.18 0.00	10.39 -0.21 0.00	6.97 -0.08 0.00	8.66 -0.05 0.00	9.52 -0.06 0.00	14.94 -0.10 0.00	17.75 -0.14 0.00	26.53 -0.35 0.00	31.74 -0.45 0.00	26.89 -0.47 0.00	30.74 -0.53 0.00	37.25 -0.58 0.00	167.10 -3.02 0.00	299.67 -5.09 0.00	92.25 -1.43 0.00	58.18 -0.90 0.00	45.87 -0.69 0.00	41.19 -0.60 0.00
ST_LAW_230_BK5_LBMP 345035	8.79 -0.25 0.00	-3.38 0.09 0.00	-1.08 0.03 0.00	16.99 -0.45 0.00	14.41 -0.37 0.00	10.28 -0.24 0.00	8.74 -0.17 0.00	10.40 -0.19 0.00	6.98 -0.08 0.00	8.66 -0.04 0.00	9.53 -0.05 0.00	14.95 -0.09 0.00	17.77 -0.12 0.00	26.58 -0.31 0.00	31.78 -0.41 0.00	26.94 -0.43 0.00	30.79 -0.47 0.00	37.31 -0.52 0.00	167.44 -2.68 0.00	300.29 -4.47 0.00	92.42 -1.26 0.00	58.29 -0.80 0.00	45.95 -0.62 0.00	41.25 -0.54 0.00
ST_LAW_230_BK6_LBMP 345036	8.79 -0.25 0.00	-3.38 0.09 0.00	-1.08 0.03 0.00	16.99 -0.45 0.00	14.41 -0.37 0.00	10.28 -0.24 0.00	8.74 -0.17 0.00	10.40 -0.19 0.00	6.98 -0.08 0.00	8.66 -0.04 0.00	9.53 -0.05 0.00	14.95 -0.09 0.00	17.77 -0.12 0.00	26.58 -0.31 0.00	31.78 -0.41 0.00	26.94 -0.43 0.00	30.79 -0.47 0.00	37.31 -0.52 0.00	167.44 -2.68 0.00	300.29 -4.47 0.00	92.42 -1.26 0.00	58.29 -0.80 0.00	45.95 -0.62 0.00	41.25 -0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	26.49 0.61 -16.83	23.10 -0.23 -26.80	22.32 -0.07 -23.51	18.50 1.06 0.00	15.66 0.88 0.00	11.17 0.65 0.00	9.41 0.50 0.00	11.19 0.59 0.00	7.44 0.38 0.00	9.16 0.46 0.00	10.10 0.52 0.00	15.93 0.90 0.00	18.38 1.09 0.60	28.19 1.72 0.41	34.32 2.23 0.10	28.85 2.07 0.58	33.27 2.39 0.38	40.81 2.98 0.00	183.39 13.27 0.00	326.60 21.84 0.00	99.83 6.15 0.00	62.64 3.56 0.00	49.30 2.73 0.00	44.05 2.26 0.00
SWANROAD_115KV_TB1 355699	11.28 -0.76 -3.00	1.60 0.30 -4.77	3.17 0.10 -4.19	15.81 -1.63 0.00	13.48 -1.30 0.00	9.77 -0.76 0.00	8.24 -0.67 0.00	9.92 -0.68 0.00	6.67 -0.39 0.00	8.16 -0.54 0.00	8.94 -0.63 0.00	13.92 -1.11 0.00	16.15 -1.57 0.18	18.54 -2.11 6.23	27.26 -2.85 2.08	22.09 -2.41 2.86	26.53 -3.18 1.56	33.71 -4.11 0.00	151.00 -17.85 1.27	272.26 -32.51 0.00	95.48 -9.95 -11.75	63.50 -6.04 -10.45	41.56 -5.00 0.00	38.11 -3.69 0.00
SYNERGY___BIOGAS 323694	11.44 -0.34 -2.73	1.01 0.13 -4.35	2.75 0.04 -3.82	16.63 -0.81 0.00	14.16 -0.62 0.00	10.22 -0.30 0.00	8.62 -0.29 0.00	10.30 -0.30 0.00	6.84 -0.22 0.00	8.35 -0.35 0.00	9.16 -0.42 0.00	14.28 -0.76 0.00	16.71 -1.07 0.11	21.41 -1.41 4.06	28.88 -1.96 1.36	23.87 -1.63 1.87	28.15 -2.10 1.02	35.29 -2.54 0.00	160.25 -9.04 0.83	291.45 -13.31 0.00	106.52 -3.60 -16.44	71.56 -2.15 -14.62	44.45 -2.11 0.00	40.36 -1.43 0.00
SYRACUSE___ENERGY_ST1 323597	10.97 -0.04 -1.96	-0.33 0.01 -3.12	1.63 0.00 -2.74	17.34 -0.10 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.54 -0.06 0.00	6.99 -0.07 0.00	8.59 -0.11 0.00	9.44 -0.13 0.00	14.81 -0.23 0.00	17.62 -0.27 0.00	26.52 -0.36 0.00	31.75 -0.44 0.00	27.03 -0.34 0.00	30.83 -0.44 0.00	37.67 -0.50 -0.33	170.17 -1.47 -1.53	308.44 -1.79 -5.48	98.24 -0.53 -5.09	60.05 -0.38 -1.34	46.15 -0.42 -0.01	41.45 -0.35 0.00
SYRACUSE___ENERGY_ST2 323598	10.97 -0.04 -1.96	-0.33 0.01 -3.12	1.63 0.00 -2.74	17.34 -0.10 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.54 -0.06 0.00	6.99 -0.07 0.00	8.59 -0.11 0.00	9.44 -0.13 0.00	14.81 -0.23 0.00	17.62 -0.27 0.00	26.52 -0.36 0.00	31.75 -0.44 0.00	27.03 -0.34 0.00	30.83 -0.44 0.00	37.67 -0.50 -0.33	170.17 -1.47 -1.53	308.44 -1.79 -5.48	98.24 -0.53 -5.09	60.05 -0.38 -1.34	46.15 -0.42 -0.01	41.45 -0.35 0.00
SYRACUSE___POWER 24017	11.06 -0.04 -2.05	-0.20 0.01 -3.26	1.75 0.00 -2.86	17.35 -0.09 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.55 -0.05 0.00	7.00 -0.06 0.00	8.59 -0.11 0.00	9.45 -0.13 0.00	14.82 -0.22 0.00	17.64 -0.25 0.00	26.53 -0.35 0.00	31.76 -0.43 0.00	27.05 -0.32 0.00	30.86 -0.40 0.00	37.61 -0.44 -0.22	169.83 -1.31 -1.01	307.03 -1.37 -3.64	96.56 -0.51 -3.38	59.62 -0.36 -0.89	46.17 -0.40 -0.01	41.48 -0.31 0.00
TALLMAN__138KV_BK151 55660	26.82 0.67 -17.10	23.51 -0.25 -27.23	22.69 -0.08 -23.89	18.59 1.15 0.00	15.73 0.95 0.00	11.23 0.71 0.00	9.46 0.55 0.00	11.26 0.66 0.00	7.48 0.43 0.00	9.23 0.53 0.00	10.18 0.60 0.00	16.07 1.03 0.00	18.31 1.25 0.84	28.31 2.00 0.57	34.62 2.57 0.14	28.91 2.36 0.82	33.42 2.68 0.53	41.15 3.32 0.00	184.86 14.74 0.00	329.06 24.30 0.00	100.49 6.81 0.00	63.03 3.94 0.00	49.61 3.05 0.00	44.32 2.53 0.00
TEALLAVE_115KV_TB7 355573	10.68 -0.09 -1.72	-0.71 0.03 -2.73	1.30 0.01 -2.40	17.25 -0.19 0.00	14.62 -0.15 0.00	10.44 -0.09 0.00	8.82 -0.09 0.00	10.49 -0.11 0.00	6.97 -0.09 0.00	8.56 -0.14 0.00	9.41 -0.16 0.00	14.76 -0.27 0.00	17.57 -0.32 0.00	26.42 -0.46 0.00	31.63 -0.56 0.00	26.93 -0.44 0.00	30.72 -0.55 0.00	37.36 -0.65 -0.18	168.62 -2.34 -0.85	304.43 -3.36 -3.03	95.40 -1.11 -2.82	59.10 -0.73 -0.74	45.88 -0.69 0.00	41.22 -0.57 0.00
TELGRAPH_34_KV_EAST 80808	11.37 -0.53 -2.85	1.28 0.21 -4.54	2.94 0.07 -3.99	16.26 -1.18 0.00	13.86 -0.92 0.00	10.02 -0.51 0.00	8.45 -0.46 0.00	10.14 -0.46 0.00	6.78 -0.28 0.00	8.30 -0.41 0.00	9.09 -0.49 0.00	14.16 -0.87 0.00	16.52 -1.24 0.14	20.11 -1.64 5.13	28.23 -2.25 1.71	23.13 -1.88 2.35	27.52 -2.47 1.29	34.74 -3.09 0.00	156.53 -12.54 1.05	282.83 -21.93 0.00	108.56 -6.51 -21.39	74.18 -3.94 -19.03	43.12 -3.44 0.00	39.33 -2.47 0.00

TEMPLE___115KV_TB 2 55572	10.71 -0.08 -1.74	-0.67 0.03 -2.77	1.32 0.01 -2.43	17.26 -0.18 0.00	14.63 -0.14 0.00	10.44 -0.08 0.00	8.83 -0.08 0.00	10.50 -0.10 0.00	6.97 -0.09 0.00	8.56 -0.14 0.00	9.41 -0.16 0.00	14.77 -0.26 0.00	17.59 -0.31 0.00	26.44 -0.43 0.00	31.66 -0.53 0.00	26.95 -0.42 0.00	30.74 -0.53 0.00	37.40 -0.61 -0.18	168.75 -2.22 -0.84	304.47 -3.32 -3.02	95.42 -1.07 -2.81	59.11 -0.72 -0.74	45.89 -0.68 0.00	41.24 -0.55 0.00
TIANA___69_KV_BK 1 55817	28.80 0.80 -18.94	24.05 -0.30 -27.82	23.21 -0.09 -24.41	18.93 1.49 0.00	16.00 1.23 0.00	11.43 0.91 0.00	9.67 0.76 0.00	11.57 0.97 0.00	11.15 0.75 -3.35	9.62 0.91 -0.01	10.42 0.85 0.00	28.71 1.39 -12.28	39.51 1.41 -20.20	36.47 2.32 -7.27	36.02 2.93 -0.90	35.23 2.54 -5.32	37.69 2.94 -3.48	41.55 3.71 0.00	184.24 14.12 0.00	327.51 22.75 0.00	100.00 6.31 0.00	63.25 4.16 0.00	49.90 3.34 0.00	44.27 2.47 0.00
TILDEN___115KV_TB1 80814	11.06 -0.04 -2.05	-0.20 0.01 -3.26	1.75 0.00 -2.86	17.35 -0.09 0.00	14.71 -0.08 0.00	10.49 -0.03 0.00	8.87 -0.04 0.00	10.55 -0.05 0.00	7.00 -0.06 0.00	8.59 -0.11 0.00	9.45 -0.13 0.00	14.82 -0.22 0.00	17.64 -0.25 0.00	26.53 -0.35 0.00	31.76 -0.43 0.00	27.05 -0.32 0.00	30.86 -0.40 0.00	37.61 -0.44 -0.22	169.83 -1.31 -1.01	307.03 -1.37 -3.64	96.56 -0.51 -3.38	59.62 -0.36 -0.89	46.17 -0.40 -0.01	41.48 -0.31 0.00
TRIGEN___CC 323695	29.85 0.77 -20.03	24.07 -0.28 -27.82	23.20 -0.09 -24.41	18.79 1.35 0.00	15.89 1.11 0.00	11.35 0.82 0.00	9.56 0.65 0.00	11.37 0.77 0.00	13.41 0.54 -5.82	9.38 0.65 -0.02	10.29 0.72 0.00	37.59 1.22 -21.34	50.37 1.43 -31.05	39.09 2.32 -9.89	36.05 2.96 -0.90	35.35 2.66 -5.32	37.65 2.91 -3.48	41.42 3.58 0.00	185.04 14.92 0.00	329.05 24.28 0.00	100.58 6.90 0.00	63.25 4.16 0.00	49.92 3.35 0.00	44.55 2.76 0.00
TRINITY___115KV___ 4 BK 55933	29.35 0.32 -19.99	28.24 -0.12 -31.83	26.77 -0.04 -27.93	18.05 0.60 0.00	15.27 0.49 0.00	10.85 0.33 0.00	9.15 0.24 0.00	10.86 0.26 0.00	7.17 0.11 0.00	8.77 0.07 0.00	9.68 0.10 0.00	15.23 0.19 0.00	18.16 0.26 0.00	27.34 0.46 0.00	32.73 0.54 0.00	27.78 0.42 0.00	31.89 0.63 0.00	38.42 0.58 0.00	172.38 2.26 0.00	308.26 3.50 0.00	94.73 1.04 0.00	59.81 0.72 0.00	47.21 0.65 0.00	42.37 0.57 0.00
UNION___PROCESSING_DRP 323587	11.13 -0.25 -2.33	0.34 0.10 -3.72	2.17 0.03 -3.26	16.85 -0.59 0.00	14.32 -0.46 0.00	10.29 -0.23 0.00	8.69 -0.22 0.00	10.36 -0.24 0.00	6.90 -0.16 0.00	8.47 -0.23 0.00	9.30 -0.28 0.00	14.56 -0.47 0.00	17.28 -0.62 0.00	26.01 -0.87 0.00	31.03 -1.16 0.00	26.43 -0.94 0.00	30.10 -1.17 0.00	36.42 -1.41 0.00	165.01 -5.11 0.00	295.95 -8.80 0.00	91.04 -2.64 0.00	57.45 -1.64 0.00	44.96 -1.61 0.00	40.64 -1.15 0.00
UPPER HUDSON___HYD 24058	30.09 0.51 -20.54	29.03 -0.20 -32.70	27.52 -0.06 -28.69	18.41 0.97 0.00	15.56 0.79 0.00	11.08 0.55 0.00	9.37 0.47 0.00	11.10 0.50 0.00	7.28 0.21 0.00	8.93 0.23 0.00	9.87 0.29 0.00	15.54 0.51 0.00	18.55 0.65 0.00	27.83 0.95 0.00	33.29 1.10 0.00	28.27 0.90 0.00	32.67 1.40 0.00	39.61 1.77 0.00	179.14 9.02 0.00	322.10 17.34 0.00	99.54 5.86 0.00	62.80 3.71 0.00	49.37 2.81 0.00	44.02 2.23 0.00
UPPER RAQUET___HYD 24056	8.96 -0.39 -0.30	-2.84 0.15 -0.48	-0.64 0.04 -0.43	16.72 -0.72 0.00	14.21 -0.57 0.00	10.15 -0.37 0.00	8.64 -0.27 0.00	10.28 -0.32 0.00	6.90 -0.16 0.00	8.55 -0.15 0.00	9.39 -0.19 0.00	14.66 -0.37 0.00	17.42 -0.48 0.00	26.00 -0.89 0.00	31.12 -1.07 0.00	26.23 -1.13 0.00	29.92 -1.35 0.00	36.37 -1.51 -0.05	163.44 -6.91 -0.24	295.75 -9.86 -0.86	91.92 -2.56 -0.80	57.63 -1.67 -0.21	45.24 -1.32 0.00	40.74 -1.05 0.00
VALLEY44_115KV_TB2 355964	12.17 -0.45 -3.58	2.41 0.19 -5.69	3.95 0.07 -4.99	16.52 -0.92 0.00	14.05 -0.73 0.00	10.14 -0.38 0.00	8.60 -0.30 0.00	10.27 -0.33 0.00	6.86 -0.19 0.00	8.43 -0.28 0.00	9.24 -0.34 0.00	14.43 -0.61 0.11	16.97 -0.82 3.77	21.95 -1.15 1.26	29.28 -1.65 1.73	24.22 -1.41 1.73	28.49 -1.84 0.95	35.57 -2.26 0.00	160.57 -8.78 0.77	287.65 -17.11 0.00	108.04 -5.81 -20.16	73.19 -3.84 -17.95	43.42 -3.15 0.00	39.50 -2.29 0.00
VALLEY___115KV_TB 1-4 80826	9.37 0.32 0.00	-3.58 -0.11 0.00	-1.14 -0.03 0.00	18.01 0.57 0.00	15.26 0.48 0.00	10.90 0.38 0.00	9.19 0.28 0.00	10.82 0.22 0.00	7.08 0.03 0.00	8.63 -0.07 0.00	9.52 -0.06 0.00	14.88 -0.15 0.00	17.66 -0.23 0.00	26.56 -0.32 0.00	31.71 -0.48 0.00	27.09 -0.28 0.00	31.26 -0.01 0.00	38.26 0.43 0.00	174.15 4.03 0.00	315.49 10.73 0.00	97.02 3.34 0.00	61.19 2.10 0.00	48.42 1.85 0.00	43.24 1.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	17.80 0.37 -8.38	9.73 -0.14 -13.34	10.54 -0.05 -11.71	18.16 0.72 0.00	15.38 0.60 0.00	10.96 0.44 0.00	9.25 0.34 0.00	11.01 0.41 0.00	7.31 0.26 0.00	9.01 0.30 0.00	9.89 0.31 0.00	15.52 0.48 0.00	18.44 0.54 0.00	27.67 0.79 0.00	33.20 1.01 0.00	28.37 1.01 0.00	32.48 1.22 0.00	39.60 1.71 -0.06	178.97 8.56 -0.29	320.32 14.53 -1.03	98.58 3.94 -0.96	61.73 2.39 -0.25	48.37 1.81 0.00	43.33 1.53 0.00
VISCHER___FERRY HYD 24020	29.63 0.35 -20.23	28.61 -0.14 -32.22	27.11 -0.04 -28.26	18.09 0.65 0.00	15.29 0.52 0.00	10.88 0.36 0.00	9.19 0.28 0.00	10.90 0.30 0.00	7.18 0.12 0.00	8.80 0.10 0.00	9.70 0.13 0.00	15.26 0.23 0.00	18.24 0.34 0.00	27.43 0.55 0.00	32.83 0.65 0.00	27.86 0.49 0.00	32.08 0.81 0.00	38.73 0.90 0.00	174.16 4.04 0.00	312.26 7.50 0.00	96.08 2.39 0.00	60.66 1.57 0.00	47.91 1.35 0.00	42.90 1.10 0.00
V_A_10_SYNC_DSASP 323832	11.26 -0.53 -2.74	1.10 0.20 -4.37	2.78 0.06 -3.83	16.30 -1.14 0.00	13.87 -0.91 0.00	10.02 -0.51 0.00	8.46 -0.45 0.00	10.15 -0.45 0.00	6.79 -0.27 0.00	8.32 -0.38 0.00	9.12 -0.45 0.00	14.25 -0.79 0.12	16.70 -1.08 4.43	20.87 -1.58 1.48	28.63 -2.08 2.03	23.58 -1.75 2.03	27.89 -2.27 1.11	34.96 -2.87 0.00	156.94 -12.27 0.90	282.15 -22.60 0.00	67.97 -6.98 18.73	38.14 -4.28 16.66	42.90 -3.66 0.00	39.12 -2.67 0.00
V_CMM_10_SYNC_DSASP 323787	8.82 -0.22 0.00	-3.39 0.08 0.00	-1.09 0.03 0.00	17.04 -0.40 0.00	14.46 -0.32 0.00	10.31 -0.21 0.00	8.76 -0.14 0.00	10.43 -0.16 0.00	7.00 -0.06 0.00	8.69 -0.01 0.00	9.56 -0.01 0.00	15.00 -0.04 0.00	17.82 -0.07 0.00	26.64 -0.24 0.00	31.86 -0.33 0.00	26.99 -0.37 0.00	30.87 -0.40 0.00	37.40 -0.43 0.00	167.56 -2.56 0.00	300.43 -4.33 0.00	92.46 -1.22 0.00	58.38 -0.71 0.00	46.00 -0.56 0.00	41.38 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	8.75 -0.29 0.00	-3.38 0.10 0.00	-1.08 0.03 0.00	17.01 -0.43 0.00	14.44 -0.34 0.00	10.32 -0.21 0.00	8.81 -0.09 0.00	10.48 -0.12 0.00	7.01 -0.05 0.00	8.73 0.03 0.00	9.62 0.05 0.00	15.13 0.09 0.00	18.02 0.12 0.00	26.89 0.00 0.00	32.08 -0.12 0.00	27.15 -0.21 0.00	31.05 -0.22 0.00	37.68 -0.15 0.00	169.80 -0.31 0.00	305.35 0.59 0.00	94.02 0.33 0.00	59.08 -0.02 0.00	46.63 0.07 0.00	41.71 -0.08 0.00

V_D_10_SYNC_DSASP 323841	8.84 -0.20 0.00	-3.40 0.07 0.00	-1.09 0.02 0.00	17.08 -0.36 0.00	14.49 -0.29 0.00	10.34 -0.18 0.00	8.79 -0.12 0.00	10.46 -0.14 0.00	7.02 -0.04 0.00	8.71 0.01 0.00	9.58 0.00 0.00	15.01 -0.03 0.00	17.84 -0.06 0.00	26.65 -0.23 0.00	31.88 -0.31 0.00	26.98 -0.38 0.00	30.85 -0.42 0.00	37.39 -0.44 0.00	167.73 -2.39 0.00	301.03 -3.73 0.00	92.79 -0.89 0.00	58.50 -0.59 0.00	46.11 -0.46 0.00	41.46 -0.34 0.00
V_E_10_SYNC_DSASP 323830	16.12 0.32 -6.76	7.15 -0.13 -10.76	8.26 -0.06 -9.44	18.42 0.98 0.00	15.62 0.84 0.00	11.18 0.66 0.00	9.41 0.50 0.00	11.11 0.51 0.00	7.26 0.20 0.00	8.91 0.21 0.00	9.65 0.07 0.00	14.87 -0.17 0.00	17.62 -0.30 -0.03	27.51 -0.43 -1.05	32.13 -0.41 -0.35	27.89 0.05 -0.48	31.90 0.37 -0.26	39.16 1.20 -0.13	181.24 10.32 -0.81	332.78 25.92 -2.11	106.55 8.15 -4.72	66.86 4.80 -2.98	50.12 3.55 0.00	44.73 2.93 0.00
V_F_30_NSYNC___DSASP 323816	30.00 0.46 -20.49	28.99 -0.18 -32.64	27.46 -0.06 -28.63	18.31 0.87 0.00	15.48 0.70 0.00	11.02 0.49 0.00	9.31 0.40 0.00	11.03 0.43 0.00	7.25 0.20 0.00	8.90 0.20 0.00	9.81 0.24 0.00	15.46 0.42 0.00	18.44 0.54 0.00	27.71 0.83 0.00	33.21 1.02 0.00	28.18 0.82 0.00	32.49 1.22 0.00	39.36 1.53 0.00	177.55 7.43 0.00	318.68 13.92 0.00	98.19 4.50 0.00	61.94 2.85 0.00	48.76 2.20 0.00	43.61 1.81 0.00
V_F_30_SYNC_DSASP 323786	29.51 0.35 -20.12	28.43 -0.13 -32.04	26.95 -0.04 -28.11	18.10 0.66 0.00	15.32 0.54 0.00	10.89 0.37 0.00	9.18 0.27 0.00	10.89 0.30 0.00	7.19 0.13 0.00	8.80 0.10 0.00	9.71 0.13 0.00	15.28 0.25 0.00	18.23 0.33 0.00	27.43 0.55 0.00	32.86 0.67 0.00	27.90 0.54 0.00	32.04 0.77 0.00	38.63 0.80 0.00	173.49 3.37 0.00	310.17 5.40 0.00	95.28 1.59 0.00	60.12 1.03 0.00	47.43 0.87 0.00	42.56 0.77 0.00
V_XM_10_SYNC_DSASP 323789	8.75 -0.29 0.00	-3.38 0.10 0.00	-1.08 0.03 0.00	17.01 -0.43 0.00	14.44 -0.34 0.00	10.32 -0.21 0.00	8.81 -0.09 0.00	10.48 -0.12 0.00	7.01 -0.05 0.00	8.73 0.03 0.00	9.62 0.05 0.00	15.13 0.09 0.00	18.02 0.12 0.00	26.89 0.00 0.00	32.08 -0.12 0.00	27.15 -0.21 0.00	31.05 -0.22 0.00	37.68 -0.15 0.00	169.80 -0.31 0.00	305.35 0.59 0.00	94.02 0.33 0.00	59.08 -0.02 0.00	46.63 0.07 0.00	41.71 -0.08 0.00
W.BABYLN_69_KV_BK1 56697	29.08 0.92 -19.12	24.02 -0.33 -27.82	23.19 -0.11 -24.41	19.04 1.60 0.00	16.10 1.32 0.00	11.50 0.98 0.00	9.69 0.78 0.00	11.53 0.93 0.00	11.45 0.65 -3.74	9.50 0.79 -0.01	10.40 0.83 0.00	30.15 1.39 -13.72	41.44 1.62 -21.93	37.22 2.65 -7.69	36.49 3.40 -0.90	35.72 3.04 -5.32	38.08 3.33 -3.48	41.96 4.12 0.00	187.06 16.94 0.00	332.44 27.68 0.00	101.63 7.94 0.00	64.03 4.95 0.00	50.59 4.02 0.00	45.10 3.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.92 0.70 -17.17	23.61 -0.26 -27.35	22.79 -0.09 -23.99	18.65 1.21 0.00	15.78 1.00 0.00	11.27 0.75 0.00	9.49 0.58 0.00	11.29 0.70 0.00	7.51 0.45 0.00	9.25 0.55 0.00	10.21 0.64 0.00	16.11 1.08 0.00	18.30 1.31 0.91	28.35 2.08 0.62	34.72 2.68 0.15	28.95 2.47 0.88	33.50 2.81 0.58	41.32 3.48 0.00	185.60 15.49 0.00	330.41 25.65 0.00	100.91 7.23 0.00	63.28 4.20 0.00	49.81 3.24 0.00	44.49 2.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.28 0.77 -17.47	24.07 -0.28 -27.82	23.20 -0.10 -24.41	18.76 1.32 0.00	15.88 1.10 0.00	11.35 0.82 0.00	9.55 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.66 0.00	10.32 0.75 0.00	16.32 1.28 0.00	26.78 1.53 -7.35	34.24 2.38 -4.98	36.40 3.01 -1.20	37.22 2.74 -7.12	39.04 3.12 -4.65	41.66 3.83 0.00	186.94 16.82 0.00	331.53 26.77 0.00	101.32 7.64 0.00	63.42 4.33 0.00	50.02 3.46 0.00	44.72 2.93 0.00
W50THST__13_KV_LOAD 356117	27.33 0.82 -17.47	24.05 -0.30 -27.82	23.19 -0.10 -24.41	18.85 1.41 0.00	15.95 1.17 0.00	11.40 0.88 0.00	9.60 0.69 0.00	11.44 0.84 0.00	7.63 0.57 0.00	9.41 0.71 0.00	10.39 0.81 0.00	16.41 1.38 0.00	26.90 1.65 -7.35	34.41 2.55 -4.98	36.61 3.22 -1.20	37.40 2.92 -7.12	39.26 3.33 -4.65	41.91 4.07 0.00	187.96 17.84 0.00	333.22 28.46 0.00	101.81 8.13 0.00	63.74 4.65 0.00	50.26 3.70 0.00	44.94 3.15 0.00
WADING RIVER_IC_1 23522	28.78 0.79 -18.94	24.06 -0.29 -27.82	23.21 -0.09 -24.41	18.93 1.49 0.00	16.01 1.23 0.00	11.44 0.91 0.00	9.65 0.74 0.00	11.52 0.92 0.00	11.10 0.70 -3.35	9.55 0.84 -0.01	10.33 0.75 0.00	28.52 1.21 -12.27	39.34 1.25 -20.19	36.28 2.13 -7.27	35.77 2.68 -0.90	35.04 2.36 -5.32	37.54 2.79 -3.48	41.34 3.50 -0.01	182.90 12.78 0.00	325.11 20.35 0.00	99.29 5.60 0.00	62.88 3.80 0.00	49.70 3.13 0.00	44.05 2.26 0.00
WADING RIVER_IC_2 23547	28.78 0.79 -18.94	24.06 -0.29 -27.82	23.21 -0.09 -24.41	18.93 1.49 0.00	16.01 1.23 0.00	11.44 0.91 0.00	9.65 0.74 0.00	11.52 0.92 0.00	11.10 0.70 -3.35	9.55 0.84 -0.01	10.33 0.75 0.00	28.52 1.21 -12.27	39.34 1.25 -20.19	36.28 2.13 -7.27	35.77 2.68 -0.90	35.04 2.36 -5.32	37.54 2.79 -3.48	41.34 3.50 -0.01	182.90 12.78 0.00	325.11 20.35 0.00	99.29 5.60 0.00	62.88 3.80 0.00	49.70 3.13 0.00	44.05 2.26 0.00
WADING RIVER_IC_3 23601	28.78 0.79 -18.94	24.06 -0.29 -27.82	23.21 -0.09 -24.41	18.93 1.49 0.00	16.01 1.23 0.00	11.44 0.91 0.00	9.65 0.74 0.00	11.52 0.92 0.00	11.10 0.70 -3.35	9.55 0.84 -0.01	10.33 0.75 0.00	28.52 1.21 -12.27	39.34 1.25 -20.19	36.28 2.13 -7.27	35.77 2.68 -0.90	35.04 2.36 -5.32	37.54 2.79 -3.48	41.34 3.50 -0.01	182.90 12.78 0.00	325.11 20.35 0.00	99.29 5.60 0.00	62.88 3.80 0.00	49.70 3.13 0.00	44.05 2.26 0.00
WALDENNY_12_KV_BK2 80841	11.74 -0.54 -3.23	1.89 0.21 -5.14	3.47 0.07 -4.51	16.25 -1.19 0.00	13.83 -0.95 0.00	10.01 -0.52 0.00	8.46 -0.45 0.00	10.15 -0.45 0.00	6.80 -0.26 0.00	8.34 -0.36 0.00	9.15 -0.42 0.00	14.29 -0.75 0.00	16.61 -1.06 0.22	17.56 -1.50 7.82	27.57 -2.01 2.61	22.12 -1.66 3.59	27.12 -2.19 1.96	35.07 -2.75 0.00	157.06 -11.46 1.60	283.69 -21.07 0.00	113.01 -6.61 -25.93	78.08 -4.08 -23.07	43.04 -3.52 0.00	39.24 -2.56 0.00
WALDEN___HYDRO 24148	26.86 0.65 -17.17	23.63 -0.24 -27.34	22.79 -0.08 -23.99	18.57 1.13 0.00	15.72 0.94 0.00	11.21 0.69 0.00	9.44 0.53 0.00	11.23 0.63 0.00	7.45 0.40 0.00	9.17 0.47 0.00	10.12 0.54 0.00	15.95 0.91 0.00	18.85 1.11 0.15	28.52 1.75 0.10	34.42 2.26 0.03	29.33 2.11 0.15	33.63 2.46 0.10	40.94 3.10 0.00	184.16 14.04 0.00	328.06 23.29 0.00	100.34 6.66 0.00	62.97 3.88 0.00	49.55 2.99 0.00	44.26 2.46 0.00
WARRENSBURG____ 23737	30.09 0.51 -20.54	29.03 -0.20 -32.70	27.52 -0.06 -28.69	18.41 0.97 0.00	15.56 0.79 0.00	11.08 0.55 0.00	9.37 0.47 0.00	11.10 0.50 0.00	7.28 0.21 0.00	8.93 0.23 0.00	9.87 0.30 0.00	15.54 0.50 0.00	18.55 0.65 0.00	27.84 0.96 0.00	33.29 1.11 0.00	28.27 0.90 0.00	32.67 1.40 0.00	39.61 1.78 0.00	179.14 9.02 0.00	322.11 17.35 0.00	99.54 5.86 0.00	62.80 3.71 0.00	49.37 2.81 0.00	44.02 2.23 0.00

WATERSIDE___6 8 9 23538	27.29 0.77 -17.47	24.06 -0.28 -27.82	23.20 -0.10 -24.41	18.78 1.34 0.00	15.89 1.11 0.00	11.36 0.83 0.00	9.56 0.65 0.00	11.38 0.78 0.00	7.58 0.53 0.00	9.36 0.66 0.00	10.32 0.75 0.00	16.31 1.28 0.00	26.04 1.52 -6.62	33.68 2.32 -4.48	36.20 2.93 -1.08	36.45 2.68 -6.41	38.51 3.05 -4.19	41.55 3.72 0.00	186.26 16.14 0.00	330.53 25.77 0.00	101.04 7.36 0.00	63.33 4.24 0.00	49.97 3.40 0.00	44.66 2.86 0.00
WATKINRD_115KV_LN8_ILLION 55919	9.58 0.53 0.00	-3.66 -0.19 0.00	-1.17 -0.05 0.00	18.37 0.93 0.00	15.54 0.77 0.00	11.09 0.57 0.00	9.32 0.41 0.00	10.89 0.30 0.00	7.05 0.00 0.00	8.52 -0.19 0.00	9.45 -0.12 0.00	14.78 -0.26 0.00	17.53 -0.37 0.00	26.43 -0.45 0.00	31.52 -0.67 0.00	26.95 -0.42 0.00	31.34 0.07 0.00	38.54 0.71 0.00	176.14 6.02 0.00	320.55 15.79 0.00	98.78 5.10 0.00	62.24 3.15 0.00	49.29 2.73 0.00	43.86 2.07 0.00
WDELAWARE___HYD 323627	25.90 0.63 -16.23	22.14 -0.23 -25.84	21.48 -0.07 -22.67	18.52 1.08 0.00	15.68 0.90 0.00	11.18 0.66 0.00	9.41 0.50 0.00	11.20 0.59 0.00	7.43 0.37 0.00	9.12 0.42 0.00	10.04 0.46 0.00	15.76 0.72 0.00	18.25 0.47 0.12	27.57 0.77 0.08	33.27 1.10 0.02	28.39 1.15 0.12	32.60 1.41 0.08	39.76 1.93 0.00	179.41 9.29 0.00	320.66 15.90 0.00	100.47 6.79 0.00	63.00 3.91 0.00	49.57 3.01 0.00	44.22 2.43 0.00
WEST BABYLON___IC 23714	29.08 0.92 -19.12	24.02 -0.33 -27.82	23.19 -0.11 -24.41	19.04 1.60 0.00	16.10 1.32 0.00	11.50 0.98 0.00	9.69 0.78 0.00	11.53 0.93 0.00	11.45 0.65 -3.74	9.50 0.79 -0.01	10.40 0.83 0.00	30.15 1.39 -13.72	41.44 1.62 -21.93	37.22 2.65 -7.69	36.49 3.40 -0.90	35.72 3.04 -5.32	38.08 3.33 -3.48	41.96 4.12 0.00	187.06 16.94 0.00	332.44 27.68 0.00	101.63 7.94 0.00	64.03 4.95 0.00	50.59 4.02 0.00	45.10 3.31 0.00
WEST CANADA___HYD 24049	9.10 0.06 0.00	-3.50 -0.03 0.00	-1.12 -0.01 0.00	17.55 0.11 0.00	14.87 0.09 0.00	10.59 0.07 0.00	8.96 0.05 0.00	10.65 0.05 0.00	7.07 0.01 0.00	8.71 0.01 0.00	9.58 0.01 0.00	15.05 0.01 0.00	17.91 0.02 0.00	26.91 0.03 0.00	32.23 0.04 0.00	27.42 0.06 0.00	31.33 0.06 0.00	37.92 0.09 0.00	170.63 0.51 0.00	305.69 0.93 0.00	93.97 0.28 0.00	59.27 0.18 0.00	46.71 0.15 0.00	41.93 0.13 0.00
WESTERN_NY_WIND 24143	11.46 -0.35 -2.77	1.08 0.14 -4.41	2.80 0.05 -3.87	16.60 -0.84 0.00	14.14 -0.64 0.00	10.21 -0.31 0.00	8.61 -0.30 0.00	10.29 -0.31 0.00	6.83 -0.23 0.00	8.34 -0.36 0.00	9.15 -0.43 0.00	14.26 -0.77 0.00	16.67 -1.10 0.12	21.03 -1.45 4.40	28.72 -2.00 1.47	23.68 -1.67 2.02	28.01 -2.15 1.10	35.21 -2.61 0.00	159.84 -9.38 0.90	290.75 -14.01 0.00	107.86 -3.82 -17.99	72.79 -2.30 -16.01	44.35 -2.21 0.00	40.28 -1.52 0.00
WESTOVER___LESR 323668	15.25 0.05 -6.16	6.31 -0.02 -9.81	7.48 -0.01 -8.60	17.54 0.09 0.00	14.86 0.08 0.00	10.61 0.09 0.00	8.97 0.07 0.00	10.66 0.06 0.00	7.07 0.01 0.00	8.68 -0.02 0.00	9.54 -0.04 0.00	14.98 -0.06 0.00	17.80 -0.10 0.00	26.76 -0.12 0.00	32.06 -0.13 0.00	27.36 0.00 0.00	31.25 -0.02 0.00	38.06 0.10 -0.13	172.02 1.30 -0.61	308.95 2.01 -2.18	99.76 0.26 -5.81	63.03 0.04 -3.90	46.52 -0.04 0.00	41.80 0.01 0.00
WETHRSFD_WT_PWR 323626	12.10 -0.54 -3.60	2.47 0.21 -5.73	3.98 0.07 -5.03	16.31 -1.13 0.00	13.84 -0.94 0.00	9.97 -0.55 0.00	8.44 -0.48 0.00	10.04 -0.56 0.00	6.69 -0.37 0.00	8.20 -0.50 0.00	9.00 -0.57 0.00	14.05 -0.98 0.00	15.94 -1.25 0.70	0.15 -1.75 24.98	21.61 -2.24 8.34	14.11 -1.79 11.47	22.88 -2.13 6.26	35.21 -2.61 0.02	155.16 -9.86 5.09	288.54 -16.22 0.00	128.07 -4.90 -39.29	91.23 -2.81 -34.95	43.76 -2.81 0.00	39.55 -2.25 0.00
WHAVSTOR_138KV_BK127 55557	26.89 0.66 -17.19	23.66 -0.24 -27.37	22.82 -0.08 -24.02	18.57 1.13 0.00	15.72 0.94 0.00	11.23 0.70 0.00	9.45 0.54 0.00	11.25 0.65 0.00	7.48 0.42 0.00	9.22 0.52 0.00	10.17 0.59 0.00	16.04 1.01 0.00	18.20 1.22 0.93	28.19 1.94 0.63	34.53 2.49 0.15	28.76 2.29 0.89	33.29 2.60 0.58	41.05 3.22 0.00	184.34 14.23 0.00	328.08 23.31 0.00	100.25 6.57 0.00	62.88 3.79 0.00	49.52 2.96 0.00	44.26 2.46 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	26.89 0.66 -17.19	23.66 -0.24 -27.37	22.82 -0.08 -24.02	18.57 1.13 0.00	15.72 0.94 0.00	11.23 0.70 0.00	9.45 0.54 0.00	11.25 0.65 0.00	7.48 0.42 0.00	9.22 0.52 0.00	10.17 0.59 0.00	16.04 1.01 0.00	18.20 1.22 0.93	28.19 1.94 0.63	34.53 2.49 0.15	28.76 2.29 0.89	33.29 2.60 0.58	41.05 3.22 0.00	184.34 14.23 0.00	328.08 23.31 0.00	100.25 6.57 0.00	62.88 3.79 0.00	49.52 2.96 0.00	44.26 2.46 0.00
WHITEHAL_115KV_TB1 80871	30.11 0.55 -20.52	28.98 -0.22 -32.67	27.48 -0.07 -28.66	18.56 1.12 0.00	15.65 0.87 0.00	11.13 0.60 0.00	9.49 0.58 0.00	11.25 0.65 0.00	7.28 0.22 0.00	8.98 0.28 0.00	9.98 0.40 0.00	15.69 0.66 0.00	18.79 0.89 0.00	28.11 1.23 0.00	33.53 1.34 0.00	28.50 1.14 0.00	33.20 1.94 0.00	40.40 2.57 0.00	182.23 12.12 0.00	326.54 21.78 0.00	102.24 8.55 0.00	64.13 5.04 0.00	50.53 3.97 0.00	44.87 3.08 0.00
WHITEPLN_13_KV_LOAD 356215	27.28 0.78 -17.46	24.04 -0.28 -27.80	23.18 -0.09 -24.39	18.78 1.34 0.00	15.90 1.12 0.00	11.35 0.82 0.00	9.55 0.64 0.00	11.38 0.78 0.00	7.57 0.51 0.00	9.33 0.63 0.00	10.29 0.72 0.00	16.25 1.22 0.00	17.91 1.47 1.46	28.21 2.32 0.99	34.91 2.95 0.24	28.65 2.70 1.41	33.46 3.11 0.92	41.67 3.83 0.00	187.06 16.95 0.00	332.52 27.76 0.00	101.66 7.98 0.00	63.76 4.67 0.00	50.21 3.65 0.00	44.82 3.03 0.00
WM_FLOYD_69_KV_BK2 356380	28.84 0.85 -18.95	24.03 -0.31 -27.82	23.20 -0.10 -24.41	19.00 1.56 0.00	16.06 1.29 0.00	11.47 0.95 0.00	9.68 0.77 0.00	11.54 0.94 0.00	11.11 0.69 -3.35	9.55 0.83 -0.01	10.36 0.78 0.00	28.62 1.29 -12.30	39.52 1.39 -20.23	36.48 2.32 -7.28	36.04 2.96 -0.90	35.31 2.62 -5.32	37.74 3.00 -3.48	41.60 3.76 0.00	184.68 14.56 0.00	328.34 23.58 0.00	100.28 6.60 0.00	63.38 4.29 0.00	50.06 3.49 0.00	44.48 2.69 0.00
WOODARD__115KV_TB2 355635	10.70 -0.10 -1.75	-0.65 0.04 -2.78	1.34 0.01 -2.44	17.23 -0.21 0.00	14.61 -0.17 0.00	10.42 -0.10 0.00	8.81 -0.10 0.00	10.48 -0.12 0.00	6.96 -0.10 0.00	8.55 -0.15 0.00	9.40 -0.17 0.00	14.75 -0.29 0.00	17.56 -0.34 0.00	26.39 -0.49 0.00	31.60 -0.59 0.00	26.89 -0.47 0.00	30.67 -0.60 0.00	37.37 -0.70 -0.24	168.55 -2.68 -1.11	304.79 -3.97 -4.00	96.12 -1.28 -3.72	59.23 -0.84 -0.98	45.80 -0.77 -0.01	41.15 -0.64 0.00
YORK___WARBASSE 23770	27.34 0.82 -17.47	24.04 -0.30 -27.82	23.19 -0.10 -24.41	18.86 1.42 0.00	15.96 1.18 0.00	11.41 0.89 0.00	9.60 0.70 0.00	11.43 0.83 0.00	7.62 0.56 0.00	9.40 0.70 0.00	10.37 0.80 0.00	16.39 1.36 0.00	26.47 1.63 -6.94	34.09 2.51 -4.70	36.49 3.15 -1.14	36.96 2.86 -6.73	38.91 3.25 -4.39	41.80 3.96 -0.01	187.26 17.14 0.00	332.60 27.84 0.00	101.65 7.96 0.00	63.69 4.60 0.00	50.21 3.64 0.00	44.84 3.05 0.00