

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/20/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	31.86	30.35	32.55	22.93	28.95	25.04	44.34	53.13	53.71	48.57	55.93	57.64	55.61	49.85	48.85	59.94	34.88	37.98	50.59	46.88	43.01	39.14	38.88	25.82
24138	2.00	1.94	1.93	1.32	1.61	1.38	2.45	3.18	3.33	2.90	3.29	3.46	3.48	3.09	1.95	2.14	3.13	3.48	4.45	4.11	3.70	3.43	3.38	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.66	-33.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.87	30.36	32.55	22.94	28.95	25.03	44.33	53.15	53.72	48.58	55.94	57.65	55.63	49.85	48.81	59.85	34.86	37.96	50.63	46.93	43.08	39.19	38.91	25.83
24260	2.01	1.95	1.93	1.32	1.61	1.38	2.45	3.20	3.35	2.91	3.30	3.47	3.50	3.09	1.96	2.12	3.11	3.46	4.49	4.16	3.77	3.48	3.41	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.61	-33.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.87	30.36	32.55	22.94	28.95	25.03	44.33	53.15	53.72	48.58	55.94	57.65	55.63	49.85	48.81	59.85	34.86	37.96	50.63	46.93	43.08	39.19	38.91	25.83
24261	2.01	1.95	1.93	1.32	1.61	1.38	2.45	3.20	3.35	2.91	3.30	3.47	3.50	3.09	1.96	2.12	3.11	3.46	4.49	4.16	3.77	3.48	3.41	2.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.61	-33.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.39	29.95	32.18	22.73	28.79	24.79	44.03	52.51	53.06	48.08	55.29	57.01	54.94	49.01	32.37	32.23	33.92	36.77	49.11	45.57	41.96	37.98	37.71	25.22
24011	1.53	1.54	1.55	1.12	1.45	1.14	2.15	2.55	2.69	2.41	2.65	2.83	2.82	2.26	1.39	1.37	2.17	2.28	2.98	2.80	2.65	2.27	2.20	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.74	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.52	30.11	32.32	22.82	28.94	24.89	44.26	52.77	53.38	48.46	55.66	57.41	55.34	49.29	32.46	32.30	34.12	36.95	49.35	45.81	42.19	38.14	37.86	25.34
23798	1.66	1.70	1.69	1.21	1.60	1.24	2.38	2.81	3.01	2.80	3.01	3.23	3.21	2.54	1.50	1.47	2.37	2.45	3.21	3.04	2.88	2.43	2.36	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.72	-6.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.39	29.95	32.18	22.73	28.79	24.79	44.03	52.51	53.06	48.08	55.29	57.01	54.94	49.01	32.37	32.23	33.92	36.77	49.11	45.57	41.96	37.98	37.71	25.22
24028	1.53	1.54	1.55	1.12	1.45	1.14	2.15	2.55	2.69	2.41	2.65	2.83	2.82	2.26	1.39	1.37	2.17	2.28	2.98	2.80	2.65	2.27	2.20	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.74	-6.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.24	29.78	31.96	22.56	28.55	24.61	43.53	51.87	52.53	47.59	54.85	56.55	54.58	48.70	33.25	34.00	33.73	36.44	48.52	45.10	41.68	37.77	37.60	25.20
23527	1.38	1.37	1.33	0.95	1.21	0.96	1.65	1.91	2.16	1.92	2.20	2.37	2.45	1.94	1.16	1.25	1.98	1.95	2.38	2.33	2.37	2.06	2.10	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.85	-8.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.29	28.90	31.03	21.95	27.66	23.92	42.20	50.17	50.70	45.85	52.79	54.36	52.42	46.98	31.58	31.90	32.42	35.16	46.85	43.48	40.11	36.43	36.28	24.35
24190	0.43	0.49	0.41	0.34	0.31	0.27	0.31	0.22	0.33	0.18	0.15	0.18	0.30	0.22	0.21	0.37	0.67	0.67	0.71	0.71	0.80	0.72	0.78	0.64
	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	-4.13	-7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	29.85	28.34	30.57	21.59	27.38	23.71	42.03	50.03	50.39	45.84	53.07	54.62	52.53	47.15	27.41	24.44	31.16	34.08	45.73	42.23	38.28	35.01	34.90	23.32
355683	-0.01	-0.07	-0.05	-0.02	0.04	0.06	0.15	0.07	0.02	0.18	0.42	0.44	0.40	0.38	0.17	-0.08	-0.34	-0.42	-0.41	-0.54	-0.60	-0.60	-0.60	-0.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.43	0.10	0.00	0.00
ALBANY_1_SOLAR	30.85	29.41	31.65	22.37	28.27	24.49	43.28	51.53	51.96	46.85	53.49	55.05	53.20	47.70	30.41	29.61	33.02	35.85	47.84	44.37	40.93	37.18	36.98	24.76
323833	0.99	1.00	1.03	0.76	0.93	0.84	1.39	1.57	1.58	1.18	0.85	0.87	1.08	0.94	0.66	0.82	1.26	1.35	1.70	1.60	1.62	1.47	1.48	1.05
	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	-2.51	-4.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	30.83	29.40	31.65	22.36	28.26	24.48	43.25	51.50	51.93	46.83	53.48	55.04	53.20	47.67	30.42	29.62	33.01	35.84	47.82	44.36	40.91	37.16	36.98	24.75
323834	0.97	0.99	1.02	0.75	0.92	0.82	1.37	1.55	1.56	1.16	0.84	0.86	1.08	0.91	0.66	0.82	1.26	1.35	1.68	1.60	1.60	1.46	1.48	1.05
	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	-2.52	-4.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.29	28.90	31.03	21.95	27.66	23.92	42.20	50.17	50.70	45.85	52.79	54.36	52.42	46.98	31.58	31.90	32.42	35.16	46.85	43.48	40.11	36.43	36.28	24.35
23571	0.43	0.49	0.41	0.34	0.31	0.27	0.31	0.22	0.33	0.18	0.15	0.18	0.30	0.22	0.21	0.37	0.67	0.67	0.71	0.71	0.80	0.72	0.78	0.64
	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	-4.13	-7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.29 0.43 0.00	28.90 0.49 0.00	31.03 0.41 0.00	21.95 0.34 0.00	27.66 0.31 0.00	23.92 0.27 0.00	42.20 0.31 0.00	50.17 0.22 0.00	50.70 0.33 0.00	45.85 0.18 0.00	52.79 0.15 0.00	54.36 0.18 0.00	52.42 0.30 0.00	46.98 0.22 0.00	31.58 0.21 -4.13	31.90 0.37 -7.00	32.42 0.67 0.00	35.16 0.67 0.00	46.85 0.71 0.00	43.48 0.71 0.00	40.11 0.80 0.00	36.43 0.72 0.00	36.28 0.78 0.00	24.35 0.64 0.00
ALBANY___3 23573	30.29 0.43 0.00	28.90 0.49 0.00	31.03 0.41 0.00	21.95 0.34 0.00	27.66 0.31 0.00	23.92 0.27 0.00	42.20 0.31 0.00	50.17 0.22 0.00	50.70 0.33 0.00	45.85 0.18 0.00	52.79 0.15 0.00	54.36 0.18 0.00	52.42 0.30 0.00	46.98 0.22 0.00	31.58 0.21 -4.13	31.90 0.37 -7.00	32.42 0.67 0.00	35.16 0.67 0.00	46.85 0.71 0.00	43.48 0.71 0.00	40.11 0.80 0.00	36.43 0.72 0.00	36.28 0.78 0.00	24.35 0.64 0.00
ALBANY___4 23574	30.29 0.43 0.00	28.90 0.49 0.00	31.03 0.41 0.00	21.95 0.34 0.00	27.66 0.31 0.00	23.92 0.27 0.00	42.20 0.31 0.00	50.17 0.22 0.00	50.70 0.33 0.00	45.85 0.18 0.00	52.79 0.15 0.00	54.36 0.18 0.00	52.42 0.30 0.00	46.98 0.22 0.00	31.58 0.21 -4.13	31.90 0.37 -7.00	32.42 0.67 0.00	35.16 0.67 0.00	46.85 0.71 0.00	43.48 0.71 0.00	40.11 0.80 0.00	36.43 0.72 0.00	36.28 0.78 0.00	24.35 0.64 0.00
ALBANY___LFGE 323615	30.59 0.73 0.00	29.18 0.77 0.00	31.34 0.71 0.00	22.16 0.55 0.00	27.94 0.60 0.00	24.17 0.52 0.00	42.67 0.79 0.00	50.85 0.90 0.00	51.40 1.02 0.00	46.47 0.80 0.00	53.52 0.87 0.00	55.08 0.90 0.00	53.13 1.01 0.00	47.64 0.88 0.00	32.00 0.60 -4.17	32.32 0.72 -7.06	32.85 1.10 0.00	35.65 1.16 0.00	47.52 1.38 0.00	44.08 1.32 0.00	40.66 1.35 0.00	36.92 1.21 0.00	36.74 1.24 0.00	24.63 0.93 0.00
ALCOA_PA_115KV_PL-6C 55860	29.96 0.10 0.00	28.46 0.05 0.00	30.70 0.08 0.00	21.69 0.08 0.00	27.51 0.17 0.00	23.82 0.17 0.00	42.25 0.37 0.00	50.28 0.32 0.00	50.64 0.26 0.00	46.08 0.41 0.00	53.36 0.72 0.00	54.93 0.75 0.00	52.80 0.68 0.00	47.36 0.60 0.00	27.52 0.29 0.00	24.53 0.00 -0.32	31.20 0.24 0.00	34.08 0.00 0.00	45.76 -0.38 0.00	42.25 -0.52 0.00	38.32 -0.57 0.42	35.05 -0.56 0.10	34.92 -0.58 0.00	23.34 -0.37 0.00
ALCOA_RYNLDS___DRP 24188	29.96 0.10 0.00	28.46 0.05 0.00	30.70 0.08 0.00	21.69 0.08 0.00	27.51 0.17 0.00	23.82 0.17 0.00	42.25 0.37 0.00	50.28 0.32 0.00	50.64 0.26 0.00	46.08 0.41 0.00	53.36 0.72 0.00	54.93 0.75 0.00	52.80 0.68 0.00	47.36 0.60 0.00	27.52 0.29 0.00	24.53 0.00 0.24	31.20 -0.32 0.00	34.08 -0.42 0.00	45.76 -0.38 0.00	42.25 -0.52 0.00	38.32 -0.57 0.42	35.05 -0.56 0.10	34.92 -0.58 0.00	23.34 -0.37 0.00
ALCOA___DSASP 323711	29.96 0.10 0.00	28.46 0.05 0.00	30.70 0.08 0.00	21.69 0.08 0.00	27.51 0.17 0.00	23.82 0.17 0.00	42.25 0.37 0.00	50.28 0.32 0.00	50.64 0.27 0.00	46.08 0.41 0.00	53.36 0.72 0.00	54.93 0.75 0.00	52.80 0.68 0.00	47.36 0.61 0.00	27.53 0.29 0.00	24.53 0.00 0.24	31.19 -0.33 0.00	34.08 -0.42 0.00	45.76 -0.38 0.00	42.25 -0.51 0.00	38.32 -0.57 0.42	35.05 -0.56 0.10	34.92 -0.58 0.00	23.34 -0.37 0.00
ALLEGHENY___COGEN 23514	30.85 0.99 0.00	29.20 0.79 0.00	31.40 0.78 0.00	22.14 0.52 0.00	28.13 0.79 0.00	24.38 0.73 0.00	43.27 0.79 -0.60	51.59 0.97 -0.66	51.78 0.65 -0.75	46.34 0.36 -0.31	52.48 -0.20 -0.04	53.92 -0.32 -0.06	51.36 -0.83 -0.06	46.20 -0.67 -0.10	23.81 -0.52 2.91	29.58 -0.26 -5.32	54.27 -0.28 -22.81	47.12 0.52 -12.10	47.77 1.63 0.00	44.66 1.89 0.00	41.07 1.75 0.00	37.43 1.72 0.00	37.06 1.56 0.00	24.81 1.10 0.00
ALTAMONT_115KV_TB 2 55880	30.52 0.66 0.00	29.09 0.68 0.00	31.31 0.69 0.00	22.11 0.50 0.00	27.89 0.55 0.00	24.11 0.45 0.00	42.59 0.70 0.00	50.77 0.81 0.00	51.28 0.90 0.00	46.36 0.69 0.00	53.35 0.71 0.00	54.95 0.77 0.00	52.99 0.87 0.00	47.49 0.73 0.00	31.65 0.48 -3.93	31.81 0.63 -6.66	32.73 0.98 0.00	35.54 1.04 0.00	47.38 1.24 0.00	43.98 1.21 0.00	40.56 1.25 0.00	36.85 1.14 0.00	36.67 1.17 0.00	24.52 0.81 0.00
ALTONA_WT_PWR 323606	29.01 -0.85 0.00	27.33 -1.08 0.00	29.35 -1.28 0.00	20.79 -0.82 0.00	26.22 -1.12 0.00	22.56 -1.09 0.00	40.22 -1.67 0.00	40.96 -2.74 6.26	47.64 -2.74 0.00	44.65 -1.02 0.00	52.81 0.16 0.00	54.55 0.37 0.00	52.85 0.73 0.00	47.48 0.72 0.00	27.66 0.42 0.00	24.56 0.03 0.00	30.79 -0.72 0.24	33.00 -1.50 0.00	44.35 -1.79 0.00	40.61 -2.16 0.00	21.59 -2.73 14.99	-23.78 -2.75 56.74	-23.78 -2.81 56.47	-23.78 -1.91 45.57
AMERICAN_REF_FUEL 24010	28.70 -0.78 0.38	27.22 -0.89 0.30	28.84 -1.09 0.70	20.26 -0.76 0.59	25.75 -0.86 0.73	21.88 -0.54 1.23	38.48 -1.85 1.55	45.08 -2.73 2.15	45.16 -3.06 2.15	42.08 -2.69 0.89	49.27 -3.25 0.12	51.09 -2.91 0.19	48.89 -3.06 0.17	44.05 -2.41 0.30	25.59 -1.44 0.20	15.71 -1.19 7.62	24.22 -1.00 6.53	27.02 -1.54 5.94	42.16 -1.91 2.07	39.17 -1.71 1.89	36.77 -1.53 1.01	34.48 -0.86 0.37	34.67 -0.74 0.09	22.59 -0.19 0.92
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.16 -1.19 0.51	27.16 -0.86 0.39	28.43 -1.26 0.93	19.75 -1.08 0.78	24.87 -1.51 0.96	20.88 -1.14 1.63	37.60 -2.33 1.96	44.24 -2.97 2.75	44.25 -3.31 2.82	41.48 -3.02 1.17	49.00 -3.48 0.16	50.98 -2.95 0.24	48.78 -3.12 0.22	43.56 -2.81 0.39	22.45 -1.88 2.91	15.01 -1.59 7.93	24.28 -1.49 5.98	26.95 -1.33 6.22	42.64 -0.75 2.75	39.90 -0.37 2.50	37.57 -0.40 1.34	35.35 0.13 0.49	35.55 0.17 0.12	22.83 0.35 1.23
ARTHUR KILL_GT_1 23520	31.72 1.86 0.00	30.23 1.82 0.00	32.42 1.79 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.92 1.27 0.00	44.04 2.15 0.00	52.72 2.77 0.00	53.32 2.95 0.00	48.08 2.41 0.00	55.41 2.76 0.00	57.04 2.86 0.00	55.03 2.91 0.00	49.32 2.57 0.00	48.61 1.76 -19.61	59.76 2.03 -33.20	34.71 2.95 0.00	37.79 3.29 0.00	50.29 4.15 0.00	46.75 3.98 0.00	42.92 3.61 0.00	39.17 3.46 0.00	38.90 3.40 0.00	25.82 2.11 0.00
ARTHUR_KILL_2 23512	31.64 1.78 0.00	30.16 1.75 0.00	32.35 1.72 0.00	22.79 1.17 0.00	28.76 1.42 0.00	24.86 1.20 0.00	43.92 2.03 0.00	52.58 2.62 0.00	53.18 2.80 0.00	47.94 2.27 0.00	55.27 2.63 0.00	56.89 2.71 0.00	54.88 2.76 0.00	49.21 2.45 0.00	48.54 1.69 -19.61	59.69 1.96 -33.20	34.59 2.84 0.00	37.69 3.19 0.00	50.14 4.00 0.00	46.61 3.85 0.00	42.79 3.48 0.00	39.05 3.35 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ARTHUR_KILL_3 23513	31.59 1.73 0.00	30.10 1.69 0.00	32.27 1.64 0.00	22.73 1.12 0.00	28.70 1.36 0.00	24.81 1.15 0.00	43.92 2.03 0.00	52.64 2.68 0.00	53.18 2.80 0.00	48.04 2.38 0.00	55.33 2.69 0.00	57.00 2.82 0.00	55.01 2.89 0.00	49.27 2.52 0.00	48.49 1.62 -19.63	59.60 1.83 -33.24	34.50 2.75 0.00	37.60 3.10 0.00	50.16 4.02 0.00	46.50 3.73 0.00	42.69 3.38 0.00	38.85 3.14 0.00	38.60 3.10 0.00	25.63 1.92 0.00

ARTHUR_KILL_COGEN 323718	31.72 1.86 0.00	30.24 1.83 0.00	32.42 1.79 0.00	22.84 1.22 0.00	28.83 1.49 0.00	24.92 1.27 0.00	44.03 2.14 0.00	52.72 2.76 0.00	53.32 2.94 0.00	48.07 2.40 0.00	55.40 2.76 0.00	57.03 2.85 0.00	55.02 2.89 0.00	49.32 2.56 0.00	48.61 1.76 -19.61	59.76 2.03 -33.20	34.68 2.93 0.00	37.78 3.29 0.00	50.29 4.14 0.00	46.75 3.98 0.00	42.92 3.61 0.00	39.16 3.45 0.00	38.89 3.39 0.00	25.82 2.11 0.00
ASHOKAN____ 23654	30.99 1.13 0.00	29.51 1.10 0.00	31.69 1.06 0.00	22.38 0.76 0.00	28.32 0.98 0.00	24.62 0.96 0.00	43.65 1.77 0.00	52.33 2.38 0.00	52.87 2.50 0.00	47.55 1.88 0.00	54.36 1.72 0.00	55.92 1.75 0.00	53.59 1.47 0.00	48.04 1.29 0.00	28.35 1.12 0.00	25.86 1.33 0.00	33.79 2.04 0.00	36.58 2.08 0.00	48.90 2.76 0.00	45.36 2.59 0.00	41.70 2.39 0.00	37.84 2.13 0.00	37.54 2.04 0.00	25.03 1.33 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.75 1.89 0.00	30.25 1.84 0.00	32.43 1.80 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.28 0.00	44.20 2.32 0.00	52.98 3.03 0.00	53.53 3.16 0.00	48.30 2.63 0.00	55.67 3.02 0.00	57.39 3.21 0.00	55.37 3.24 0.00	49.62 2.86 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.70 2.95 0.00	37.80 3.30 0.00	50.39 4.25 0.00	46.77 4.01 0.00	42.94 3.63 0.00	39.10 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.74 1.88 0.00	30.23 1.82 0.00	32.42 1.79 0.00	22.85 1.23 0.00	28.83 1.49 0.00	24.93 1.28 0.00	44.19 2.31 0.00	52.96 3.00 0.00	53.49 3.12 0.00	48.29 2.62 0.00	55.64 3.00 0.00	57.38 3.20 0.00	55.35 3.23 0.00	49.59 2.84 0.00	48.70 1.86 -19.61	59.73 2.00 -33.20	34.69 2.94 0.00	37.79 3.29 0.00	50.36 4.23 0.00	46.77 4.00 0.00	42.93 3.62 0.00	39.08 3.37 0.00	38.78 3.28 0.00	25.75 2.04 0.00
ASTORIA_GT2_1 24094	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT2_2 24095	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT2_3 24096	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT2_4 24097	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT3_1 24098	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT3_2 24099	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT3_3 24100	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT3_4 24101	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT4_1 24102	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT4_2 24103	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT4_3 24104	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00

ASTORIA_GT4_4 24105	31.75 1.90 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.29 0.00	44.21 2.33 0.00	52.98 3.03 0.00	53.52 3.15 0.00	48.30 2.64 0.00	55.68 3.04 0.00	57.40 3.23 0.00	55.38 3.25 0.00	49.62 2.87 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.72 2.97 0.00	37.79 3.30 0.00	50.39 4.25 0.00	46.78 4.01 0.00	42.94 3.63 0.00	39.09 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA_GT_1 23523	31.81 1.95 0.00	30.29 1.88 0.00	32.48 1.86 0.00	22.89 1.28 0.00	28.89 1.55 0.00	24.98 1.32 0.00	44.28 2.40 0.00	53.08 3.12 0.00	53.62 3.25 0.00	48.40 2.73 0.00	55.78 3.14 0.00	57.51 3.34 0.00	55.48 3.36 0.00	49.72 2.96 0.00	48.76 1.91 -19.61	59.79 2.06 -33.20	34.79 3.04 0.00	37.88 3.39 0.00	50.48 4.34 0.00	46.87 4.10 0.00	43.03 3.71 0.00	39.16 3.46 0.00	38.86 3.36 0.00	25.80 2.09 0.00
ASTORIA_GT_10 24110	31.74 1.88 0.00	30.26 1.85 0.00	32.45 1.83 0.00	22.87 1.26 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.26 0.00	52.87 2.91 0.00	53.41 3.04 0.00	48.25 2.59 0.00	55.57 2.93 0.00	57.27 3.09 0.00	55.26 3.14 0.00	49.54 2.78 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.70 2.95 0.00	37.79 3.29 0.00	50.28 4.14 0.00	46.65 3.88 0.00	42.83 3.51 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
ASTORIA_GT_11 24225	31.74 1.88 0.00	30.26 1.85 0.00	32.45 1.83 0.00	22.87 1.26 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.26 0.00	52.87 2.91 0.00	53.41 3.04 0.00	48.25 2.59 0.00	55.57 2.93 0.00	57.27 3.09 0.00	55.26 3.14 0.00	49.54 2.78 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.70 2.95 0.00	37.79 3.29 0.00	50.28 4.14 0.00	46.65 3.88 0.00	42.83 3.51 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
ASTORIA_GT_12 24226	31.74 1.88 0.00	30.26 1.85 0.00	32.45 1.83 0.00	22.87 1.26 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.26 0.00	52.87 2.91 0.00	53.41 3.04 0.00	48.25 2.59 0.00	55.57 2.93 0.00	57.27 3.09 0.00	55.26 3.14 0.00	49.54 2.78 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.70 2.95 0.00	37.79 3.29 0.00	50.28 4.14 0.00	46.65 3.88 0.00	42.83 3.51 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
ASTORIA_GT_13 24227	31.74 1.88 0.00	30.26 1.85 0.00	32.45 1.83 0.00	22.87 1.26 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.26 0.00	52.87 2.91 0.00	53.41 3.04 0.00	48.25 2.59 0.00	55.57 2.93 0.00	57.27 3.09 0.00	55.26 3.14 0.00	49.54 2.78 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.70 2.95 0.00	37.79 3.29 0.00	50.28 4.14 0.00	46.65 3.88 0.00	42.83 3.51 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
ASTORIA_GT_5 24106	31.81 1.95 0.00	30.29 1.88 0.00	32.48 1.86 0.00	22.89 1.28 0.00	28.89 1.55 0.00	24.98 1.32 0.00	44.28 2.40 0.00	53.08 3.12 0.00	53.62 3.25 0.00	48.40 2.73 0.00	55.78 3.14 0.00	57.51 3.34 0.00	55.48 3.36 0.00	49.72 2.96 0.00	48.76 1.91 -19.61	59.79 2.06 -33.20	34.79 3.04 0.00	37.88 3.39 0.00	50.48 4.34 0.00	46.87 4.10 0.00	43.03 3.71 0.00	39.16 3.46 0.00	38.86 3.36 0.00	25.80 2.09 0.00
ASTORIA_GT_7 24107	31.81 1.95 0.00	30.29 1.88 0.00	32.48 1.86 0.00	22.89 1.28 0.00	28.89 1.55 0.00	24.98 1.32 0.00	44.28 2.40 0.00	53.08 3.12 0.00	53.62 3.25 0.00	48.40 2.73 0.00	55.78 3.14 0.00	57.51 3.34 0.00	55.48 3.36 0.00	49.72 2.96 0.00	48.76 1.91 -19.61	59.79 2.06 -33.20	34.79 3.04 0.00	37.88 3.39 0.00	50.48 4.34 0.00	46.87 4.10 0.00	43.03 3.71 0.00	39.16 3.46 0.00	38.86 3.36 0.00	25.80 2.09 0.00
ASTORIA_GT_8 24108	31.81 1.95 0.00	30.29 1.88 0.00	32.48 1.86 0.00	22.89 1.28 0.00	28.89 1.55 0.00	24.98 1.32 0.00	44.28 2.40 0.00	53.08 3.12 0.00	53.62 3.25 0.00	48.40 2.73 0.00	55.78 3.14 0.00	57.51 3.34 0.00	55.48 3.36 0.00	49.72 2.96 0.00	48.76 1.91 -19.61	59.79 2.06 -33.20	34.79 3.04 0.00	37.88 3.39 0.00	50.48 4.34 0.00	46.87 4.10 0.00	43.03 3.71 0.00	39.16 3.46 0.00	38.86 3.36 0.00	25.80 2.09 0.00
ASTORIA___2 24149	31.75 1.89 0.00	30.25 1.84 0.00	32.43 1.80 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.28 0.00	44.20 2.32 0.00	52.98 3.03 0.00	53.53 3.16 0.00	48.30 2.63 0.00	55.67 3.02 0.00	57.39 3.21 0.00	55.37 3.24 0.00	49.62 2.86 0.00	48.71 1.86 -19.61	59.74 2.01 -33.20	34.70 2.95 0.00	37.80 3.30 0.00	50.39 4.25 0.00	46.77 4.01 0.00	42.94 3.63 0.00	39.10 3.39 0.00	38.79 3.29 0.00	25.76 2.05 0.00
ASTORIA___3 23516	31.74 1.88 0.00	30.26 1.85 0.00	32.45 1.83 0.00	22.86 1.25 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.86 2.91 0.00	53.41 3.03 0.00	48.23 2.56 0.00	55.57 2.92 0.00	57.26 3.08 0.00	55.25 3.12 0.00	49.51 2.76 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.69 2.93 0.00	37.77 3.28 0.00	50.28 4.15 0.00	46.65 3.88 0.00	42.82 3.51 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
ASTORIA___4 23517	31.74 1.88 0.00	30.26 1.85 0.00	32.45 1.83 0.00	22.87 1.26 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.26 0.00	52.87 2.91 0.00	53.41 3.04 0.00	48.25 2.59 0.00	55.57 2.93 0.00	57.27 3.09 0.00	55.26 3.14 0.00	49.54 2.78 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.70 2.95 0.00	37.79 3.29 0.00	50.28 4.14 0.00	46.65 3.88 0.00	42.83 3.51 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
ASTORIA___5 23518	31.74 1.88 0.00	30.26 1.85 0.00	32.45 1.83 0.00	22.86 1.25 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.86 2.90 0.00	53.41 3.03 0.00	48.23 2.56 0.00	55.56 2.91 0.00	57.26 3.08 0.00	55.25 3.12 0.00	49.51 2.76 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.69 2.93 0.00	37.77 3.28 0.00	50.28 4.15 0.00	46.64 3.88 0.00	42.82 3.51 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
AST_ENERGY_2_CC3 323677	31.52 1.66 0.00	30.03 1.62 0.00	32.21 1.58 0.00	22.69 1.08 0.00	28.64 1.30 0.00	24.76 1.11 0.00	43.90 2.02 0.00	52.64 2.68 0.00	53.18 2.80 0.00	47.97 2.30 0.00	55.32 2.68 0.00	57.03 2.85 0.00	55.01 2.89 0.00	49.30 2.54 0.00	48.52 1.67 -19.61	59.57 1.84 -33.20	34.49 2.74 0.00	37.57 3.07 0.00	50.06 3.93 0.00	46.48 3.71 0.00	42.67 3.36 0.00	38.85 3.14 0.00	38.54 3.04 0.00	25.59 1.88 0.00
AST_ENERGY_2_CC4 323678	31.52 1.66 0.00	30.03 1.62 0.00	32.21 1.58 0.00	22.69 1.08 0.00	28.64 1.30 0.00	24.76 1.11 0.00	43.90 2.02 0.00	52.64 2.68 0.00	53.18 2.80 0.00	47.97 2.30 0.00	55.32 2.68 0.00	57.03 2.85 0.00	55.01 2.89 0.00	49.30 2.54 0.00	48.52 1.67 -19.61	59.57 1.84 -33.20	34.49 2.74 0.00	37.57 3.07 0.00	50.06 3.93 0.00	46.48 3.71 0.00	42.67 3.36 0.00	38.85 3.14 0.00	38.54 3.04 0.00	25.59 1.88 0.00

ATHENS_STG_1 23668	30.80 0.94 0.00	29.34 0.93 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.09 0.75 0.00	24.27 0.61 0.00	42.92 1.04 0.00	51.26 1.31 0.00	51.77 1.40 0.00	46.82 1.15 0.00	53.92 1.27 0.00	55.51 1.33 0.00	53.52 1.40 0.00	47.96 1.20 0.00	34.20 0.79 -6.17	35.91 0.93 -10.45	33.20 1.44 0.00	36.06 1.57 0.00	48.06 1.91 0.00	44.60 1.83 0.00	41.12 1.80 0.00	37.38 1.67 0.00	37.17 1.67 0.00	24.80 1.09 0.00
ATHENS_STG_2 23670	30.80 0.94 0.00	29.34 0.93 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.09 0.75 0.00	24.27 0.61 0.00	42.92 1.04 0.00	51.26 1.31 0.00	51.77 1.40 0.00	46.82 1.15 0.00	53.92 1.27 0.00	55.51 1.33 0.00	53.52 1.40 0.00	47.96 1.20 0.00	34.20 0.79 -6.17	35.91 0.93 -10.45	33.20 1.44 0.00	36.06 1.57 0.00	48.06 1.91 0.00	44.60 1.83 0.00	41.12 1.80 0.00	37.38 1.67 0.00	37.17 1.67 0.00	24.80 1.09 0.00
ATHENS_STG_3 23677	30.80 0.94 0.00	29.34 0.93 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.09 0.75 0.00	24.27 0.61 0.00	42.92 1.04 0.00	51.26 1.31 0.00	51.77 1.40 0.00	46.82 1.15 0.00	53.92 1.27 0.00	55.51 1.33 0.00	53.52 1.40 0.00	47.96 1.20 0.00	34.20 0.79 -6.17	35.91 0.93 -10.45	33.20 1.44 0.00	36.06 1.57 0.00	48.06 1.91 0.00	44.60 1.83 0.00	41.12 1.80 0.00	37.38 1.67 0.00	37.17 1.67 0.00	24.80 1.09 0.00
AUBURN___LFGE 323710	29.96 0.10 0.00	28.46 0.04 0.00	30.68 0.06 0.00	21.66 0.05 0.00	27.42 0.08 0.00	23.70 0.05 0.00	42.07 0.19 0.00	50.01 0.06 0.00	50.34 -0.05 -0.02	45.50 -0.17 0.00	52.35 -0.30 0.00	53.89 -0.29 0.00	51.73 -0.40 0.00	46.45 -0.31 0.00	27.08 -0.16 0.00	24.56 0.03 0.00	32.15 0.28 -0.11	34.89 0.39 0.00	46.74 0.60 0.00	43.46 0.69 0.00	39.76 0.45 0.00	36.28 0.57 0.00	36.03 0.53 0.00	24.01 0.30 0.00
BABYLON_RES_REC 323704	31.33 1.47 0.00	29.84 1.43 0.00	31.99 1.37 0.00	22.49 0.88 0.00	28.31 0.98 0.00	13.67 0.81 10.79	32.60 1.43 10.72	30.27 2.12 21.80	40.46 2.23 12.14	29.57 1.83 17.93	20.56 2.10 34.18	46.56 2.24 9.85	43.93 2.34 10.54	42.68 2.23 6.31	48.46 1.66 -19.56	59.29 1.77 -32.99	23.91 2.49 10.33	17.71 2.87 19.65	45.52 3.81 4.43	44.80 3.51 1.48	41.20 3.05 1.17	37.48 2.82 1.06	38.29 2.79 0.00	25.47 1.77 0.00
BALL_HILL_WT_PWR 323825	28.86 -0.52 0.48	27.53 -0.51 0.37	29.00 -0.74 0.88	20.27 -0.60 0.74	25.70 -0.73 0.91	21.59 -0.52 1.54	38.48 -1.50 1.90	45.33 -2.01 2.61	45.44 -2.30 2.63	42.40 -2.18 1.09	49.81 -2.68 0.15	51.75 -2.20 0.23	49.56 -2.36 0.21	44.43 -1.96 0.37	23.14 -1.30 2.80	15.21 -1.10 8.21	23.82 -0.97 6.97	26.86 -0.99 6.64	42.85 -0.69 2.60	39.99 -0.41 2.37	37.66 -0.38 1.27	35.31 0.06 0.47	35.57 0.19 0.12	22.88 0.33 1.16
BARON_WINDS___WT_PWR 323822	29.83 -0.24 -0.21	28.23 -0.34 -0.17	30.53 -0.49 -0.39	21.60 -0.34 -0.33	27.40 -0.35 -0.41	23.84 -0.50 -0.69	31.10 -1.81 8.97	-45.80 -2.32 93.44	-49.26 -2.71 96.93	-45.14 -2.70 88.11	-50.92 -3.41 100.16	-53.19 -3.31 104.06	-32.59 -3.44 81.28	-32.96 -3.08 76.63	-42.19 -1.90 67.52	-24.88 -1.52 47.89	-10.72 -1.75 40.72	11.47 -1.55 21.48	45.99 -1.31 -1.16	43.01 -0.82 -1.06	39.14 -0.74 -0.57	35.51 -0.41 -0.21	35.21 -0.34 -0.05	24.12 -0.11 -0.52
BARRETT_IC_1 23704	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_10 23701	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_11 23702	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_12 23703	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_2 23705	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_3 23706	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_4 23707	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_5 23708	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00

BARRETT_IC_6 23709	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_7 23710	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.76 1.08 -0.80	53.37 1.70 -1.71	53.17 1.91 -0.89	48.59 1.52 -1.41	57.28 1.88 -2.76	57.03 2.05 -0.80	55.08 2.11 -0.85	49.24 1.97 -0.51	48.28 1.48 -19.56	59.23 1.61 -33.09	34.90 2.31 -0.84	38.70 2.62 -1.58	49.90 3.52 -0.24	46.06 3.29 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.23 2.73 0.00	25.44 1.73 0.00
BARRETT_IC_8 23711	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT_IC_9 23700	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT___1 23545	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BARRETT___2 23546	31.27 1.41 0.00	29.82 1.41 0.00	31.96 1.33 0.00	22.48 0.87 0.00	28.30 0.96 0.00	25.25 0.72 -0.87	43.75 1.07 -0.80	53.40 1.73 -1.71	53.18 1.92 -0.89	48.58 1.51 -1.41	57.26 1.86 -2.76	56.96 1.98 -0.80	55.03 2.06 -0.85	49.22 1.95 -0.51	48.29 1.49 -19.56	59.23 1.61 -33.09	34.86 2.27 -0.84	38.71 2.63 -1.58	49.91 3.52 -0.24	46.06 3.30 0.00	42.21 2.90 0.00	38.41 2.70 0.00	38.22 2.72 0.00	25.44 1.73 0.00
BATAVIA___115KV_TB1 55881	30.07 0.21 0.00	28.45 0.04 0.00	30.58 -0.04 0.00	21.59 -0.03 0.00	27.44 0.10 0.00	23.96 0.30 0.00	41.75 -0.03 0.10	49.71 -0.25 0.00	49.90 -0.47 0.00	45.30 -0.37 0.00	52.06 -0.58 0.00	53.77 -0.41 0.00	51.30 -0.82 0.00	46.35 -0.41 0.00	26.92 -0.32 0.00	22.29 -0.32 1.92	28.09 0.03 3.69	32.03 -0.10 2.37	46.60 0.46 0.00	43.29 0.52 0.00	39.77 0.46 0.00	36.44 0.73 0.00	36.25 0.75 0.00	24.39 0.68 0.00
BAYONEEC___CTG1 323682	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG10 323750	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG2 323683	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG3 323684	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG4 323685	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG5 323686	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG6 323687	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG7 323688	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00

BAYONEEC___CTG8 323689	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BAYONEEC___CTG9 323749	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.77 1.43 0.00	24.88 1.22 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.34 2.97 0.00	48.21 2.54 0.00	55.53 2.88 0.00	57.21 3.03 0.00	55.20 3.07 0.00	49.47 2.72 0.00	48.61 1.74 -19.63	59.70 1.93 -33.24	34.61 2.86 0.00	37.70 3.21 0.00	50.28 4.14 0.00	46.62 3.86 0.00	42.80 3.48 0.00	38.94 3.23 0.00	38.68 3.18 0.00	25.69 1.98 0.00
BEACON___LESR 323632	30.75 0.89 0.00	29.28 0.87 0.00	31.45 0.82 0.00	22.21 0.60 0.00	28.06 0.72 0.00	24.29 0.64 0.00	42.97 1.09 0.00	51.16 1.21 0.00	51.73 1.36 0.00	46.72 1.05 0.00	53.66 1.01 0.00	55.29 1.11 0.00	53.25 1.13 0.00	47.67 0.91 0.00	32.04 0.64 -4.16	32.41 0.83 -7.06	33.11 1.35 0.00	35.84 1.35 0.00	47.87 1.73 0.00	44.38 1.61 0.00	40.81 1.50 0.00	37.07 1.36 0.00	36.97 1.47 0.00	24.74 1.03 0.00
BEAVER RIVER___HYD 24048	29.45 -0.41 0.00	28.47 0.06 0.00	31.18 0.56 0.00	21.92 0.30 0.00	27.81 0.47 0.00	23.88 0.22 0.00	42.95 1.07 0.00	51.85 1.89 0.00	52.42 2.04 -0.01	47.52 1.85 0.00	54.95 2.31 0.00	56.35 2.17 0.00	53.98 1.85 0.00	47.87 1.11 0.00	27.10 -0.14 0.00	24.29 -0.24 0.00	31.36 -0.33 0.06	34.17 -0.32 0.00	45.94 -0.20 0.00	42.47 -0.30 0.00	38.83 -0.37 0.11	35.38 -0.30 0.03	35.19 -0.31 0.00	23.37 -0.34 0.00
BEEBEE_GT_13 23619	29.80 -0.06 0.00	28.26 -0.16 0.00	30.42 -0.20 0.00	21.46 -0.15 0.00	27.24 -0.10 0.00	23.69 0.04 0.00	41.68 2.42 0.00	49.63 -0.33 0.00	49.93 -0.45 0.00	45.22 -0.45 0.00	52.05 -0.59 0.00	53.70 -0.48 0.00	51.47 -0.65 0.00	46.38 -0.38 0.00	26.97 -0.27 0.00	24.34 -0.19 0.00	32.02 -0.02 -0.29	34.50 0.00 0.00	46.43 0.30 0.00	43.10 0.33 0.00	39.55 0.24 0.00	36.07 0.36 0.00	35.84 0.34 0.00	24.02 0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.91 2.05 0.00	30.40 1.99 0.00	32.58 1.95 0.00	22.94 1.32 0.00	28.96 1.62 0.00	25.03 1.38 0.00	44.31 2.42 0.00	53.12 3.17 0.00	53.71 3.34 0.00	48.51 2.84 0.00	55.89 3.25 0.00	57.59 3.41 0.00	55.56 3.44 0.00	49.80 3.05 0.00	48.81 1.96 -19.61	59.88 2.15 -33.20	34.89 3.14 0.00	38.01 3.51 0.00	50.65 4.51 0.00	47.03 4.27 0.00	43.17 3.86 0.00	39.33 3.62 0.00	39.03 3.53 0.00	25.90 2.19 0.00
BETHLEHEM___GRP 23843	30.29 0.43 0.00	28.90 0.49 0.00	31.03 0.41 0.00	21.95 0.34 0.00	27.66 0.31 0.00	23.92 0.27 0.00	42.20 0.31 0.00	50.17 0.22 0.00	50.70 0.33 0.00	45.85 0.18 0.00	52.79 0.15 0.00	54.36 0.18 0.00	52.42 0.30 0.00	46.98 0.22 0.00	31.58 0.21 -4.13	31.90 0.37 -7.00	32.42 0.67 0.00	35.16 0.67 0.00	46.85 0.71 0.00	43.48 0.71 0.00	40.11 0.80 0.00	36.43 0.72 0.00	36.28 0.78 0.00	24.35 0.64 0.00
BETHLEHEM___GS1 323560	30.29 0.43 0.00	28.90 0.49 0.00	31.03 0.40 0.00	21.95 0.34 0.00	27.66 0.31 0.00	23.92 0.27 0.00	42.19 0.31 0.00	50.17 0.21 0.00	50.70 0.33 0.00	45.85 0.18 0.00	52.78 0.14 0.00	54.36 0.18 0.00	52.41 0.29 0.00	46.98 0.22 0.00	31.58 0.21 -4.13	31.90 0.37 -7.00	32.40 0.64 0.00	35.16 0.67 0.00	46.85 0.71 0.00	43.48 0.71 0.00	40.11 0.80 0.00	36.42 0.71 0.00	36.28 0.78 0.00	24.35 0.64 0.00
BETHLEHEM___GS2 323561	30.29 0.43 0.00	28.90 0.49 0.00	31.03 0.40 0.00	21.95 0.34 0.00	27.66 0.31 0.00	23.92 0.27 0.00	42.19 0.31 0.00	50.17 0.21 0.00	50.70 0.33 0.00	45.85 0.18 0.00	52.78 0.14 0.00	54.36 0.18 0.00	52.41 0.29 0.00	46.98 0.22 0.00	31.58 0.21 -4.13	31.90 0.37 -7.00	32.40 0.64 0.00	35.16 0.67 0.00	46.85 0.71 0.00	43.48 0.71 0.00	40.11 0.80 0.00	36.42 0.71 0.00	36.28 0.78 0.00	24.35 0.64 0.00
BETHLEHEM___GS3 323562	30.29 0.43 0.00	28.90 0.49 0.00	31.03 0.40 0.00	21.95 0.34 0.00	27.66 0.31 0.00	23.92 0.27 0.00	42.19 0.31 0.00	50.17 0.21 0.00	50.70 0.33 0.00	45.85 0.18 0.00	52.78 0.14 0.00	54.36 0.18 0.00	52.41 0.29 0.00	46.98 0.22 0.00	31.58 0.21 -4.13	31.90 0.37 -7.00	32.40 0.64 0.00	35.16 0.67 0.00	46.85 0.71 0.00	43.48 0.71 0.00	40.11 0.80 0.00	36.42 0.71 0.00	36.28 0.78 0.00	24.35 0.64 0.00
BETHLEHEM___STEEL 23779	29.60 -0.26 0.00	28.03 -0.38 0.00	30.12 -0.51 0.00	21.22 -0.39 0.00	26.96 -0.38 0.00	23.45 -0.21 0.00	40.53 -1.18 0.17	48.26 -1.70 0.00	48.43 -1.95 0.00	43.86 -1.81 0.00	50.37 -2.28 0.00	52.29 -1.88 0.00	50.04 -2.09 0.00	45.16 -1.60 0.00	23.71 -1.02 2.51	15.68 -0.90 7.94	24.35 -0.81 6.59	29.60 -0.88 4.02	45.45 -0.69 0.00	42.32 -0.45 0.00	38.92 -0.39 0.00	35.73 0.02 0.00	35.64 0.14 0.00	24.07 0.36 0.00
BETHLHEM_115KV_TB1 79974	30.35 0.49 0.00	28.96 0.55 0.00	31.10 0.48 0.00	22.00 0.39 0.00	27.72 0.38 0.00	23.97 0.32 0.00	42.31 0.42 0.00	50.33 0.38 0.00	50.85 0.48 0.00	45.99 0.32 0.00	52.96 0.31 0.00	54.52 0.34 0.00	52.56 0.44 0.00	47.12 0.36 0.00	31.63 0.29 -4.10	31.92 0.44 -6.95	32.50 0.75 0.00	35.27 0.77 0.00	46.99 0.85 0.00	43.61 0.84 0.00	40.23 0.92 0.00	36.54 0.83 0.00	36.39 0.89 0.00	24.40 0.69 0.00
BETHPAGE_CC_5 323564	31.31 1.45 0.00	29.83 1.42 0.00	31.96 1.34 0.00	22.49 0.87 0.00	28.30 0.96 0.00	14.65 0.78 9.79	34.30 1.37 8.95	32.83 2.05 19.18	42.62 2.19 9.94	31.68 1.77 15.76	23.78 2.06 30.93	47.48 2.23 8.93	44.85 2.29 9.56	43.19 2.15 5.72	48.38 1.57 -19.57	59.24 1.72 -33.00	24.81 2.42 9.37	19.61 2.80 17.68	47.19 3.72 2.67	46.19 3.43 0.00	42.29 2.98 0.00	38.47 2.76 0.00	38.23 2.73 0.00	25.42 1.71 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.64 -0.22 0.00	28.07 -0.33 0.00	30.17 -0.46 0.00	21.26 -0.35 0.00	27.02 -0.32 0.00	23.46 -0.19 0.00	40.57 -1.15 0.16	48.33 -1.63 0.00	48.53 -1.85 0.00	43.93 -1.74 0.00	50.46 -2.18 0.00	52.38 -1.79 0.00	50.12 -2.00 0.00	45.22 -1.53 0.00	23.71 -0.98 2.54	15.85 -0.85 7.82	24.79 -0.74 6.22	29.90 -0.80 3.80	45.57 -0.57 0.00	42.40 -0.37 0.00	39.01 -0.30 0.00	35.79 0.08 0.00	35.68 0.18 0.00	24.12 0.41 0.00
BINGHAMTON___COGEN 23790	30.08 0.22 0.00	28.62 0.20 0.00	30.82 0.19 0.00	21.74 0.13 0.00	27.47 0.13 0.00	23.76 0.11 0.00	42.02 0.13 0.00	50.13 0.17 0.00	50.46 0.09 0.00	45.56 -0.11 0.00	52.37 -0.27 0.00	54.03 -0.15 0.00	51.87 -0.26 0.00	46.56 -0.20 0.00	21.94 -0.15 5.14	15.92 0.02 8.62	31.73 0.25 0.27	34.92 0.42 0.00	46.87 0.73 0.00	43.60 0.83 0.00	40.02 0.71 0.00	36.44 0.73 0.00	36.25 0.75 0.00	24.15 0.45 0.00

BIXINCNT_115KV_LOAD 355685	29.51 -0.35 0.00	28.17 -0.24 0.00	30.21 -0.42 0.00	21.31 -0.31 0.00	27.16 -0.18 0.00	22.84 -0.82 0.00	39.32 -2.45 0.11	46.97 -2.98 0.00	47.61 -2.77 0.00	43.04 -2.63 0.00	49.56 -3.08 0.00	51.35 -2.83 0.00	49.32 -2.80 0.00	44.35 -2.41 0.00	23.01 -1.52 2.71	16.20 -1.23 7.10	26.31 -1.26 4.18	30.72 -1.16 2.62	45.46 -0.67 0.00	42.22 -0.55 0.00	39.02 -0.29 0.00	35.69 -0.02 0.00	35.72 0.22 0.00	24.31 0.60 0.00
BLACK RIVER___HYD 24047	29.53 -0.34 0.00	28.69 0.28 0.00	31.48 0.86 0.00	22.13 0.51 0.00	27.96 0.62 0.00	23.97 0.32 0.00	43.17 1.29 0.00	52.34 2.38 0.00	52.95 2.56 -0.02	47.90 2.24 0.00	55.24 2.60 0.00	56.58 2.40 0.00	54.18 2.05 0.00	47.92 1.17 0.00	27.13 -0.11 0.00	24.45 -0.07 0.00	31.68 -0.03 0.04	34.57 0.07 0.00	46.47 0.33 0.00	43.02 0.26 0.00	39.28 0.04 0.07	35.73 0.04 0.02	35.46 -0.05 0.00	23.53 -0.18 0.00
BLACKRVR_115KV_TB2 79977	29.53 -0.34 0.00	28.69 0.28 0.00	31.48 0.86 0.00	22.13 0.52 0.00	27.96 0.62 0.00	23.97 0.32 0.00	43.17 1.29 0.00	52.34 2.38 0.00	52.95 2.56 -0.02	47.90 2.23 0.00	55.24 2.60 0.00	56.58 2.40 0.00	54.18 2.05 0.00	47.92 1.17 0.00	27.13 -0.11 0.00	24.45 -0.07 0.00	31.67 -0.04 0.04	34.57 0.07 0.00	46.47 0.33 0.00	43.02 0.25 0.00	39.28 0.04 0.07	35.73 0.04 0.02	35.45 -0.05 0.00	23.53 -0.18 0.00
BLDWN_LI_69_KV_BK4 356085	31.48 1.62 0.00	30.00 1.59 0.00	32.15 1.52 0.00	22.61 1.00 0.00	28.47 1.14 0.00	19.08 0.93 5.50	38.43 1.57 5.03	41.47 2.29 10.78	47.25 2.47 5.59	38.79 1.98 8.86	37.60 2.34 17.39	51.69 2.52 5.02	49.33 2.57 5.37	45.96 2.42 3.22	48.51 1.70 -19.57	59.40 1.84 -33.04	29.12 2.63 5.26	27.55 2.99 9.94	48.66 4.03 1.50	46.50 3.74 0.00	42.61 3.30 0.00	38.74 3.03 0.00	38.49 2.99 0.00	25.59 1.88 0.00
BLISS_WT_PWR 323608	28.86 -0.47 0.53	27.71 -0.29 0.41	29.15 -0.50 0.97	20.44 -0.36 0.82	26.11 -0.23 1.01	20.91 -1.04 1.71	36.92 -2.93 2.04	43.54 -3.55 2.87	44.18 -3.25 2.95	41.40 -3.05 1.22	48.94 -3.53 0.17	50.65 -3.28 0.25	48.73 -3.15 0.23	43.56 -2.78 0.41	22.52 -1.73 2.99	15.16 -1.39 7.97	24.52 -1.42 5.80	26.87 -1.39 6.24	42.34 -0.91 2.89	39.34 -0.80 2.63	37.45 -0.45 1.41	35.01 -0.18 0.52	35.45 0.08 0.13	23.00 0.57 1.29
BLUESTONE___WT_PWR 323821	29.28 -0.66 -0.08	27.76 -0.72 -0.06	30.37 -0.41 -0.15	21.70 -0.04 -0.12	28.52 1.02 -0.15	25.85 1.94 -0.26	45.19 3.01 -0.29	53.36 2.97 -0.43	53.69 2.89 -0.43	48.64 2.79 -0.18	56.21 3.55 -0.03	55.45 1.23 -0.04	51.22 -0.94 -0.03	45.99 -0.84 -0.07	20.91 -0.83 5.50	14.76 -0.60 9.18	31.34 -0.56 -0.14	35.12 -0.06 -0.68	46.69 0.01 -0.54	44.03 0.77 -0.49	39.76 0.19 -0.26	35.77 -0.04 -0.10	35.60 0.07 -0.02	23.91 -0.04 -0.24
BLUE_CIRC_CHEM_DRP 24182	30.65 0.79 0.00	29.22 0.81 0.00	31.46 0.83 0.00	22.23 0.61 0.00	28.04 0.70 0.00	24.24 0.58 0.00	42.80 0.91 0.00	50.93 0.98 0.00	51.39 1.02 0.00	46.43 0.77 0.00	53.26 0.61 0.00	54.83 0.65 0.00	52.94 0.81 0.00	47.44 0.69 0.00	30.51 0.48 -2.78	29.87 0.62 -4.72	32.74 0.99 0.00	35.59 1.09 0.00	47.46 1.32 0.00	44.02 1.26 0.00	40.62 1.31 0.00	36.90 1.19 0.00	36.73 1.23 0.00	24.60 0.89 0.00
BOC_GAS_DRP 24189	30.49 0.63 0.00	29.07 0.65 0.00	31.29 0.66 0.00	22.09 0.48 0.00	27.87 0.53 0.00	24.09 0.44 0.00	42.54 0.66 0.00	50.72 0.76 0.00	51.22 0.84 0.00	46.34 0.67 0.00	53.33 0.69 0.00	54.92 0.74 0.00	52.96 0.83 0.00	47.46 0.70 0.00	31.64 0.47 -3.93	31.79 0.61 -6.66	32.71 0.96 0.00	35.49 1.00 0.00	47.31 1.17 0.00	43.92 1.15 0.00	40.50 1.19 0.00	36.81 1.10 0.00	36.63 1.13 0.00	24.49 0.78 0.00
BOONVILLE_115KV_TB1 79983	29.99 0.13 0.00	28.74 0.33 0.00	31.22 0.59 0.00	22.00 0.39 0.00	27.90 0.56 0.00	24.10 0.44 0.00	43.04 1.15 0.00	51.64 1.69 0.00	52.19 1.82 0.00	47.26 1.60 0.00	54.49 1.85 0.00	56.00 1.82 0.00	53.74 1.62 0.00	47.94 1.18 0.00	27.53 0.29 0.00	24.78 0.25 0.00	32.17 0.43 0.01	35.04 0.54 0.00	46.95 0.81 0.00	43.46 0.69 0.00	39.87 0.58 0.02	36.21 0.50 0.01	35.99 0.49 0.00	23.94 0.23 0.00
BORALEX_4TH_BRANCH 23824	31.24 1.38 0.00	29.78 1.37 0.00	31.96 1.33 0.00	22.57 0.95 0.00	28.55 1.21 0.00	24.61 0.96 0.00	43.53 1.64 0.00	51.87 1.91 0.00	52.53 2.16 0.00	47.60 1.93 0.00	54.86 2.21 0.00	56.56 2.38 0.00	54.58 2.46 0.00	48.71 1.95 0.00	33.26 1.16 -4.85	34.00 1.25 -8.22	33.74 1.99 0.00	36.45 1.95 0.00	48.52 2.38 0.00	45.10 2.34 0.00	41.68 2.37 0.00	37.78 2.07 0.00	37.60 2.10 0.00	25.20 1.49 0.00
BOWLINE___1 23526	31.35 1.49 0.00	29.87 1.46 0.00	32.04 1.41 0.00	22.57 0.96 0.00	28.48 1.14 0.00	24.62 0.97 0.00	43.57 1.69 0.00	52.23 2.27 0.00	52.73 2.36 0.00	47.60 1.93 0.00	54.80 2.15 0.00	56.45 2.27 0.00	54.47 2.34 0.00	48.82 2.06 0.00	-38.20 1.33 66.77	-86.94 1.53 113.00	34.08 2.33 0.00	37.15 2.65 0.00	49.65 3.52 0.00	46.07 3.31 0.00	42.31 3.00 0.00	38.48 2.77 0.00	38.24 2.73 0.00	25.39 1.69 0.00
BOWLINE___2 23595	31.34 1.48 0.00	29.87 1.46 0.00	32.04 1.41 0.00	22.56 0.95 0.00	28.48 1.14 0.00	24.61 0.96 0.00	43.57 1.69 0.00	52.23 2.27 0.00	52.73 2.36 0.00	47.60 1.93 0.00	54.80 2.15 0.00	56.45 2.27 0.00	54.47 2.34 0.00	48.82 2.06 0.00	-38.20 1.33 66.77	-86.94 1.53 113.00	34.06 2.31 0.00	37.14 2.65 0.00	49.64 3.50 0.00	46.06 3.29 0.00	42.30 2.99 0.00	38.47 2.76 0.00	38.23 2.73 0.00	25.39 1.68 0.00
BRADY___115KV_TB2 356060	30.31 0.45 0.00	28.80 0.39 0.00	31.08 0.46 0.00	21.95 0.34 0.00	27.86 0.52 0.00	24.14 0.49 0.00	42.90 1.02 0.00	51.08 1.12 0.00	51.41 1.04 0.00	46.73 1.06 0.00	54.22 1.58 0.00	55.78 1.60 0.00	53.52 1.40 0.00	47.91 1.16 0.00	27.84 0.60 0.00	24.78 0.25 0.00	31.57 0.03 0.22	34.46 -0.04 0.00	46.34 0.20 0.00	42.77 0.00 0.00	38.83 -0.09 0.39	35.50 -0.12 0.09	35.33 -0.17 0.00	23.58 -0.13 0.00
BRANSCOMB___SOLAR 323811	31.24 1.38 0.00	29.78 1.36 0.00	32.00 1.37 0.00	22.60 0.99 0.00	28.60 1.25 0.00	24.67 1.02 0.00	43.71 1.83 0.00	52.14 2.19 0.00	52.67 2.30 0.00	47.63 1.96 0.00	54.85 2.21 0.00	56.52 2.34 0.00	54.43 2.31 0.00	48.64 1.89 0.00	32.34 1.22 -3.89	32.35 1.23 -6.59	33.66 1.91 0.00	36.53 2.03 0.00	48.74 2.60 0.00	45.23 2.46 0.00	41.68 2.37 0.00	37.77 2.06 0.00	37.53 2.03 0.00	25.09 1.38 0.00
BRDGHMPT_69_KV_BK1 55812	30.53 0.67 0.00	29.06 0.65 0.00	31.16 0.53 0.00	21.91 0.30 0.00	27.58 0.25 0.00	11.10 0.21 12.76	25.79 0.51 16.60	22.09 0.91 28.78	31.59 1.00 19.78	22.73 0.77 23.71	13.19 1.29 40.74	43.81 1.62 11.99	42.36 2.70 12.47	41.84 2.54 7.46	48.62 1.83 -19.56	59.44 1.93 -32.98	22.30 2.76 12.21	13.79 3.22 23.93	38.35 4.30 12.09	38.02 3.83 8.58	35.84 3.29 6.77	32.59 3.01 6.13	38.45 2.95 0.00	25.58 1.87 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	31.42 1.56 0.00	29.94 1.53 0.00	32.08 1.46 0.00	22.55 0.93 0.00	28.40 1.07 0.00	12.22 0.84 12.28	27.81 1.44 15.51	24.72 2.10 27.33	34.20 2.23 18.40	25.02 1.86 22.51	15.73 2.24 39.15	45.49 2.54 11.23	42.65 2.51 11.99	41.93 2.35 7.17	48.60 1.80 -19.56	59.42 1.91 -32.98	22.62 2.62 11.75	14.50 2.94 22.94	39.17 3.87 10.83	38.88 3.57 7.46	36.51 3.08 5.88	33.25 2.87 5.33	38.41 2.91 0.00	25.59 1.88 0.00
BRISTLHL_115KV_TB1 79998	29.22 -0.64 0.00	27.81 -0.60 0.00	29.99 -0.64 0.00	21.16 -0.45 0.00	26.76 -0.58 0.00	23.16 -0.49 0.00	40.98 -0.90 0.00	48.93 -1.03 0.00	49.75 -0.67 -0.05	45.00 -0.67 0.00	51.39 -1.25 0.00	52.89 -1.29 0.00	50.85 -1.27 0.00	45.62 -1.14 0.00	26.59 -0.65 0.00	24.03 -0.50 0.00	31.20 -0.55 0.00	33.97 -0.53 0.00	45.44 -0.70 0.00	42.19 -0.57 0.00	38.77 -0.54 0.00	35.27 -0.44 0.00	35.05 -0.45 0.00	23.39 -0.31 0.00
BROOKHAVEN___DRP 24191	30.91 1.05 0.00	29.44 1.03 0.00	31.56 0.93 0.00	22.18 0.56 0.00	27.92 0.58 0.00	11.37 0.49 12.77	26.08 0.88 16.69	22.41 1.32 28.86	31.83 1.36 19.90	22.98 1.09 23.77	13.31 1.46 40.79	43.65 1.48 12.01	41.29 1.64 12.48	40.90 1.61 7.47	48.10 1.30 -19.56	58.93 1.43 -32.98	21.56 2.04 12.23	12.90 2.37 23.96	37.00 3.09 12.23	36.82 2.76 8.72	34.79 2.35 6.87	31.68 2.20 6.23	37.70 2.20 0.00	25.12 1.41 0.00
BROOKLYN_NAVY_YARD 23515	31.69 1.84 0.00	30.21 1.80 0.00	32.39 1.76 0.00	22.82 1.21 0.00	28.81 1.47 0.00	24.90 1.25 0.00	44.09 2.20 0.00	52.84 2.88 0.00	53.38 3.00 0.00	48.26 2.59 0.00	55.60 2.96 0.00	57.30 3.13 0.00	55.29 3.16 0.00	49.56 2.80 0.00	48.65 1.78 -19.63	59.74 1.97 -33.24	34.65 2.90 0.00	37.73 3.24 0.00	50.31 4.18 0.00	46.66 3.90 0.00	42.83 3.52 0.00	38.97 3.26 0.00	38.70 3.20 0.00	25.70 1.99 0.00
BROOKLYN___ARMY_DRP 323595	31.76 1.90 0.00	30.27 1.86 0.00	32.45 1.82 0.00	22.86 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.25 0.00	52.90 2.94 0.00	53.49 3.12 0.00	48.28 2.62 0.00	55.64 3.00 0.00	57.32 3.15 0.00	55.32 3.19 0.00	49.57 2.81 0.00	48.67 1.83 -19.61	59.76 2.03 -33.20	34.74 2.98 0.00	37.82 3.32 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
BROOME_2_LFGE 323671	30.21 0.22 -0.12	28.71 0.20 -0.10	31.05 0.19 -0.22	21.94 0.13 -0.19	27.71 0.14 -0.23	24.16 0.11 -0.40	42.47 0.14 -0.45	50.77 0.15 -0.66	51.10 0.08 -0.65	45.81 -0.13 -0.27	52.39 -0.29 -0.04	54.06 -0.17 -0.06	51.91 -0.27 -0.05	46.63 -0.22 -0.09	21.99 -0.16 5.08	16.11 0.01 8.43	32.10 0.25 -0.10	35.73 0.41 -0.82	47.52 0.72 -0.66	44.20 0.83 -0.60	40.35 0.71 -0.32	36.55 0.72 -0.12	36.28 0.75 -0.03	24.45 0.45 -0.29
BROOME___LFGE 323600	30.21 0.22 -0.12	28.71 0.20 -0.10	31.05 0.19 -0.22	21.94 0.13 -0.19	27.71 0.14 -0.23	24.16 0.11 -0.40	42.47 0.14 -0.45	50.77 0.15 -0.66	51.10 0.08 -0.65	45.81 -0.13 -0.27	52.39 -0.29 -0.04	54.06 -0.17 -0.06	51.91 -0.27 -0.05	46.63 -0.22 -0.09	21.99 -0.16 5.08	16.11 0.01 8.43	32.10 0.25 -0.10	35.73 0.41 -0.82	47.52 0.72 -0.66	44.20 0.83 -0.60	40.35 0.71 -0.32	36.55 0.72 -0.12	36.28 0.75 -0.03	24.45 0.45 -0.29
BROWNFLS_115KV_TB 3_5 80003	29.72 -0.14 0.00	28.52 0.11 0.00	31.08 0.45 0.00	21.88 0.27 0.00	27.77 0.43 0.00	23.92 0.26 0.00	42.82 0.94 0.00	51.37 1.42 0.00	51.87 1.48 -0.01	47.11 1.45 0.00	54.64 2.00 0.00	56.11 1.93 0.00	53.79 1.67 0.00	47.88 1.13 0.00	27.36 0.12 0.00	24.40 -0.12 0.00	31.28 -0.35 0.12	34.02 -0.48 0.00	45.76 -0.38 0.00	42.26 -0.51 0.00	38.62 -0.48 0.21	35.32 -0.34 0.05	35.14 -0.36 0.00	23.38 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	31.91 2.05 0.00	30.40 1.99 0.00	32.59 1.96 0.00	22.96 1.35 0.00	28.97 1.63 0.00	25.06 1.40 0.00	44.37 2.49 0.00	53.22 3.26 0.00	53.80 3.42 0.00	48.62 2.95 0.00	56.01 3.37 0.00	57.73 3.55 0.00	55.70 3.57 0.00	49.91 3.16 0.00	48.86 1.99 -19.63	59.92 2.15 -33.24	34.92 3.16 0.00	38.02 3.53 0.00	50.72 4.58 0.00	47.02 4.25 0.00	43.19 3.87 0.00	39.26 3.55 0.00	38.99 3.49 0.00	25.88 2.17 0.00
BURROWS___LYONSDAL 23803	29.78 -0.09 0.00	28.61 0.20 0.00	31.17 0.54 0.00	21.94 0.33 0.00	27.85 0.51 0.00	24.01 0.36 0.00	42.99 1.11 0.00	51.69 1.73 0.00	52.26 1.88 0.00	47.32 1.65 0.00	54.60 1.96 0.00	56.08 1.90 0.00	53.80 1.68 0.00	47.89 1.13 0.00	27.35 0.11 0.00	24.58 0.05 0.00	31.89 0.16 0.02	34.73 0.23 0.00	46.59 0.45 0.00	43.11 0.34 0.00	39.51 0.24 0.04	35.90 0.20 0.01	35.70 0.20 0.00	23.74 0.03 0.00
CAITHNESS_CC_1 323624	30.94 1.08 0.00	29.47 1.06 0.00	31.59 0.96 0.00	22.20 0.58 0.00	27.94 0.61 0.00	11.38 0.51 12.79	26.02 0.91 16.77	22.40 1.38 28.93	31.76 1.39 20.01	22.93 1.10 23.83	13.26 1.45 40.83	43.62 1.46 12.02	41.24 1.60 12.49	40.86 1.57 7.47	48.10 1.30 -19.56	58.92 1.41 -32.98	21.49 1.98 12.24	12.86 2.36 24.00	36.83 3.04 12.35	36.67 2.73 8.83	34.68 2.33 6.96	31.59 2.19 6.31	37.70 2.20 0.00	25.12 1.41 0.00
CALPINE BETH_PAGE_GT4 24209	31.39 1.53 0.00	29.91 1.50 0.00	32.05 1.43 0.00	22.54 0.93 0.00	28.38 1.05 0.00	15.82 0.85 8.69	35.44 1.50 7.94	35.10 2.18 17.03	43.90 2.36 8.83	33.58 1.91 14.00	27.42 2.24 27.47	48.71 2.45 7.92	46.14 2.50 8.49	44.01 2.33 5.08	48.45 1.65 -19.57	59.33 1.79 -33.01	25.99 2.56 8.32	21.69 2.90 15.71	47.65 3.88 2.37	46.34 3.57 0.00	42.44 3.13 0.00	38.59 2.89 0.00	38.34 2.84 0.00	25.50 1.79 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.39 1.53 0.00	29.91 1.50 0.00	32.05 1.43 0.00	22.54 0.93 0.00	28.38 1.05 0.00	15.82 0.86 8.69	35.43 1.50 7.94	35.13 2.21 17.03	43.90 2.36 8.83	33.58 1.92 14.00	27.41 2.24 27.47	48.66 2.40 7.92	46.09 2.45 8.49	43.99 2.31 5.08	48.46 1.65 -19.57	59.33 1.79 -33.01	25.96 2.52 8.32	21.71 2.91 15.71	47.64 3.87 2.37	46.34 3.57 0.00	42.44 3.13 0.00	38.60 2.89 0.00	38.34 2.83 0.00	25.50 1.79 0.00
CALPINE_BP_GT1 23823	31.39 1.53 0.00	29.91 1.50 0.00	32.05 1.43 0.00	22.54 0.93 0.00	28.38 1.05 0.00	15.82 0.86 8.69	35.43 1.50 7.94	35.13 2.21 17.03	43.90 2.36 8.83	33.58 1.92 14.00	27.41 2.24 27.47	48.66 2.40 7.92	46.09 2.45 8.49	43.99 2.31 5.08	48.46 1.65 -19.57	59.33 1.79 -33.01	25.96 2.52 8.32	21.71 2.91 15.71	47.64 3.87 2.37	46.34 3.57 0.00	42.44 3.13 0.00	38.60 2.89 0.00	38.34 2.83 0.00	25.50 1.79 0.00
CALSPAN___DRP 24200	29.60 -0.26 0.00	28.03 -0.38 0.00	30.12 -0.51 0.00	21.22 -0.39 0.00	26.96 -0.38 0.00	23.45 -0.21 0.00	40.53 -1.18 0.17	48.26 -1.70 0.00	48.43 -1.95 0.00	43.86 -1.81 0.00	50.37 -2.28 0.00	52.29 -1.88 0.00	50.04 -2.09 0.00	45.16 -1.60 0.00	23.71 -1.02 2.51	15.68 -0.90 7.94	24.35 -0.81 6.59	29.60 -0.88 4.02	45.45 -0.69 0.00	42.32 -0.45 0.00	38.92 -0.39 0.00	35.73 0.02 0.00	35.64 0.14 0.00	24.07 0.36 0.00

CALVERTON___SOLAR 323806	30.86 1.00 0.00	29.40 0.99 0.00	31.52 0.89 0.00	22.15 0.54 0.00	27.89 0.55 0.00	11.35 0.46 12.77	26.07 0.85 16.66	22.45 1.32 28.83	31.85 1.34 19.86	22.96 1.04 23.75	13.26 1.39 40.77	43.57 1.39 12.00	41.26 1.61 12.47	40.91 1.61 7.46	48.13 1.33 -19.56	58.96 1.45 -32.98	21.57 2.04 12.22	12.98 2.43 23.95	37.13 3.18 12.18	36.95 2.85 8.67	34.90 2.42 6.83	31.78 2.27 6.20	37.76 2.26 0.00	25.15 1.44 0.00
CANDIGU_WT_PWR 323617	29.83 -0.24 -0.21	28.23 -0.34 -0.17	30.53 -0.49 -0.39	21.60 -0.34 -0.33	27.40 -0.35 -0.41	23.84 -0.50 -0.69	31.10 -1.81 8.97	-45.80 -2.32 93.44	-49.26 -2.71 96.93	-45.14 -2.70 88.11	-50.92 -3.41 100.16	-53.19 -3.31 104.06	-32.59 -3.44 81.28	-32.96 -3.08 76.63	-42.19 -1.90 67.52	-24.88 -1.52 47.89	-10.72 -1.75 40.72	11.47 -1.55 21.48	45.99 -1.31 -1.16	43.01 -0.82 -1.06	39.14 -0.74 -0.57	35.51 -0.41 -0.21	35.21 -0.34 -0.05	24.12 -0.11 -0.52
CARR STREET_E_SYR 24060	29.47 -0.39 0.00	28.03 -0.37 0.00	30.22 -0.41 0.00	21.33 -0.29 0.00	26.98 -0.37 0.00	23.37 -0.29 0.00	41.37 -0.51 0.00	49.40 -0.56 0.00	49.78 -0.60 0.00	45.05 -0.61 0.00	51.85 -0.79 0.00	53.37 -0.81 0.00	51.30 -0.83 0.00	46.06 -0.69 0.00	26.85 -0.39 0.00	24.29 -0.24 0.00	31.58 -0.17 0.00	34.36 -0.14 0.00	45.96 -0.18 0.00	42.67 -0.10 0.00	39.21 -0.11 0.00	35.63 -0.08 0.00	35.40 -0.10 0.00	23.61 -0.10 0.00
CARTHAGE___PAPER 23857	29.62 -0.24 0.00	28.70 0.29 0.00	31.46 0.83 0.00	22.12 0.50 0.00	28.01 0.67 0.00	24.04 0.39 0.00	43.28 1.40 0.00	52.35 2.40 0.00	52.96 2.56 -0.02	47.97 2.30 0.00	55.40 2.76 0.00	56.76 2.59 0.00	54.33 2.20 0.00	48.16 1.40 0.00	27.27 0.03 0.00	24.49 -0.04 0.00	31.66 -0.04 0.05	34.52 0.02 0.00	46.43 0.29 0.00	42.94 0.17 0.00	39.22 0.00 0.09	35.69 0.00 0.02	35.45 -0.05 0.00	23.53 -0.17 0.00
CASSADAGA_WT_PWR 323784	28.13 -1.22 0.51	27.24 -0.77 0.40	28.46 -1.23 0.94	19.69 -1.13 0.79	24.74 -1.63 0.97	20.77 -1.24 1.64	37.50 -2.41 1.97	44.28 -2.90 2.78	44.26 -3.26 2.85	41.50 -2.98 1.19	49.20 -3.28 0.16	51.09 -2.84 0.25	48.97 -2.93 0.23	43.65 -2.71 0.40	22.49 -1.82 2.93	15.12 -1.57 7.84	24.57 -1.47 5.71	27.20 -1.20 6.10	42.86 -0.50 2.78	40.11 -0.13 2.53	37.79 -0.17 1.36	35.52 0.31 0.50	35.71 0.34 0.13	22.97 0.51 1.24
CE_DUNWOOD___DRP 24194	31.47 1.61 0.00	29.98 1.57 0.00	32.16 1.53 0.00	22.66 1.05 0.00	28.60 1.25 0.00	24.72 1.07 0.00	43.76 1.87 0.00	52.44 2.49 0.00	52.99 2.62 0.00	47.88 2.22 0.00	55.14 2.50 0.00	56.82 2.64 0.00	54.82 2.69 0.00	49.14 2.38 0.00	49.16 1.52 -20.40	60.77 1.70 -34.54	34.30 2.55 0.00	37.35 2.85 0.00	49.84 3.70 0.00	46.23 3.47 0.00	42.47 3.15 0.00	38.63 2.92 0.00	38.38 2.88 0.00	25.51 1.80 0.00
CE_MILLWOOD___DRP 24193	31.43 1.57 0.00	29.93 1.53 0.00	32.11 1.48 0.00	22.62 1.01 0.00	28.55 1.21 0.00	24.69 1.03 0.00	43.69 1.81 0.00	52.36 2.41 0.00	52.90 2.53 0.00	47.79 2.13 0.00	55.02 2.38 0.00	56.70 2.52 0.00	54.70 2.58 0.00	49.03 2.28 0.00	49.53 1.46 -20.83	61.44 1.64 -35.27	34.22 2.47 0.00	37.26 2.77 0.00	49.75 3.61 0.00	46.15 3.38 0.00	42.39 3.08 0.00	38.55 2.84 0.00	38.31 2.81 0.00	25.46 1.75 0.00
CE_NYC2_DRP 24202	31.74 1.88 0.00	30.25 1.84 0.00	32.44 1.81 0.00	22.86 1.24 0.00	28.84 1.50 0.00	24.94 1.28 0.00	44.13 2.24 0.00	52.86 2.90 0.00	53.41 3.04 0.00	48.25 2.58 0.00	55.57 2.93 0.00	57.27 3.09 0.00	55.26 3.14 0.00	49.54 2.78 0.00	48.64 1.80 -19.61	59.72 1.99 -33.20	34.70 2.95 0.00	37.78 3.29 0.00	50.29 4.15 0.00	46.66 3.89 0.00	42.83 3.52 0.00	39.01 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
CE_NYC_DRP 24195	31.72 1.87 0.00	30.22 1.81 0.00	32.41 1.78 0.00	22.83 1.22 0.00	28.82 1.48 0.00	24.92 1.26 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.47 3.09 0.00	48.34 2.67 0.00	55.67 3.02 0.00	57.37 3.19 0.00	55.35 3.23 0.00	49.61 2.85 0.00	48.69 1.81 -19.64	59.77 1.99 -33.25	34.70 2.95 0.00	37.79 3.29 0.00	50.37 4.24 0.00	46.71 3.94 0.00	42.88 3.56 0.00	39.01 3.30 0.00	38.74 3.23 0.00	25.73 2.02 0.00
CHAFFEE___LFGE 323603	29.20 -0.18 0.48	27.72 -0.31 0.38	29.32 -0.43 0.88	20.54 -0.33 0.74	26.12 -0.30 0.91	21.98 -0.12 1.55	39.00 -0.97 1.91	45.91 -1.37 2.68	46.03 -1.61 2.73	43.00 -1.53 1.14	50.52 -1.97 0.16	52.38 -1.57 0.23	50.14 -1.77 0.22	45.02 -1.35 0.38	23.50 -0.87 2.86	15.46 -0.75 8.31	24.37 -0.53 6.84	27.25 -0.65 6.60	43.10 -0.42 2.62	40.17 -0.21 2.38	37.86 -0.18 1.27	35.43 0.19 0.47	35.66 0.28 0.12	22.98 0.44 1.17
CHATEAUG_35_KV_LOAD 355732	29.34 -0.51 0.00	27.76 -0.65 0.00	30.00 -0.62 0.00	21.23 -0.39 0.00	26.85 -0.49 0.00	23.14 -0.52 0.00	41.15 -0.73 0.00	48.82 -1.13 0.00	49.29 -1.09 0.00	45.44 -0.23 0.00	52.99 0.34 0.00	54.58 0.40 0.00	52.60 0.48 0.00	47.24 0.48 0.00	27.45 0.21 0.00	24.45 -0.08 0.00	30.92 -0.59 0.24	33.51 -0.98 0.00	45.22 -0.91 0.00	41.56 -1.21 0.00	37.34 -1.55 0.42	33.99 -1.62 0.10	33.81 -1.69 0.00	22.57 -1.14 0.00
CHATEAUG_WT_PWR 323614	29.32 -0.54 0.00	27.75 -0.66 0.00	29.95 -0.67 0.00	21.18 -0.43 0.00	26.80 -0.54 0.00	23.11 -0.55 0.00	41.06 -0.83 0.00	48.68 -1.28 0.00	49.14 -1.23 0.00	45.35 -0.32 0.00	52.88 0.23 0.00	54.48 0.31 0.00	52.51 0.39 0.00	47.13 0.37 0.00	27.41 0.17 0.00	24.42 -0.11 0.00	30.88 -0.63 0.24	33.48 -1.02 0.00	45.07 -1.06 0.00	41.46 -1.30 0.00	37.27 -1.61 0.43	33.95 -1.66 0.10	33.79 -1.72 0.00	22.56 -1.15 0.00
CHAT_HIGH_FALL_HYD 323578	29.34 -0.51 0.00	27.76 -0.65 0.00	30.00 -0.62 0.00	21.23 -0.39 0.00	26.85 -0.49 0.00	23.14 -0.52 0.00	41.15 -0.73 0.00	48.82 -1.13 0.00	49.29 -1.09 0.00	45.44 -0.23 0.00	52.99 0.34 0.00	54.58 0.40 0.00	52.60 0.48 0.00	47.24 0.48 0.00	27.45 0.21 0.00	24.45 -0.08 0.00	30.92 -0.59 0.24	33.51 -0.98 0.00	45.22 -0.91 0.00	41.56 -1.21 0.00	37.34 -1.55 0.42	33.99 -1.62 0.10	33.81 -1.69 0.00	22.57 -1.14 0.00
CHAUTAUQUA___LFGE 323629	28.66 -0.70 0.49	27.47 -0.56 0.39	28.86 -0.86 0.91	20.12 -0.73 0.76	25.43 -0.98 0.94	21.35 -0.72 1.59	38.29 -1.66 1.94	45.08 -2.19 2.69	45.13 -2.51 2.73	42.18 -2.35 1.13	49.65 -2.84 0.16	51.63 -2.31 0.23	49.40 -2.51 0.22	44.19 -2.19 0.38	22.90 -1.48 2.86	15.15 -1.24 8.14	24.06 -1.11 6.58	26.99 -1.00 6.50	42.97 -0.48 2.68	40.17 -0.15 2.44	37.81 -0.20 1.31	35.50 0.27 0.48	35.73 0.35 0.12	22.94 0.42 1.19
CHERRYST_13_KV_LD 356241	31.80 1.93 0.00	30.30 1.89 0.00	32.49 1.86 0.00	22.89 1.28 0.00	28.89 1.55 0.00	24.98 1.33 0.00	44.25 2.37 0.00	53.07 3.11 0.00	53.64 3.26 0.00	48.50 2.83 0.00	55.85 3.21 0.00	57.56 3.39 0.00	55.54 3.42 0.00	49.78 3.02 0.00	48.78 1.91 -19.64	59.86 2.08 -33.25	34.82 3.07 0.00	37.91 3.41 0.00	50.54 4.39 0.00	46.84 4.07 0.00	42.99 3.68 0.00	39.11 3.40 0.00	38.84 3.34 0.00	25.79 2.08 0.00

CHESTROR_138KV_BK263 355645	31.29 1.43 0.00	29.82 1.41 0.00	32.01 1.38 0.00	22.55 0.93 0.00	28.46 1.12 0.00	24.62 0.96 0.00	43.57 1.69 0.00	52.21 2.26 0.00	52.69 2.31 0.00	47.53 1.86 0.00	54.71 2.07 0.00	56.35 2.17 0.00	54.36 2.24 0.00	48.73 1.97 0.00	-27.40 1.27 55.90	-68.61 1.46 94.60	33.98 2.23 0.00	37.04 2.55 0.00	49.52 3.38 0.00	45.97 3.21 0.00	42.23 2.92 0.00	38.40 2.69 0.00	38.14 2.64 0.00	25.33 1.63 0.00
CH_MIDHUDSON___DRP 24192	31.37 1.52 0.00	29.89 1.48 0.00	32.07 1.44 0.00	22.62 1.01 0.00	28.53 1.19 0.00	24.67 1.02 0.00	43.67 1.79 0.00	52.29 2.33 0.00	52.82 2.45 0.00	47.74 2.08 0.00	54.96 2.32 0.00	56.58 2.40 0.00	54.60 2.47 0.00	48.91 2.15 0.00	28.64 1.40 0.00	26.08 1.55 0.00	34.11 2.36 0.00	37.11 2.62 0.00	49.52 3.38 0.00	45.94 3.17 0.00	42.24 2.93 0.00	38.40 2.69 0.00	38.14 2.64 0.00	25.42 1.71 0.00
CH_MISC_IPPS 23765	31.58 1.72 0.00	30.07 1.66 0.00	32.26 1.64 0.00	22.74 1.13 0.00	28.70 1.36 0.00	24.83 1.17 0.00	43.97 2.08 0.00	52.71 2.75 0.00	53.22 2.84 0.00	48.05 2.38 0.00	55.30 2.65 0.00	56.93 2.75 0.00	54.94 2.82 0.00	49.23 2.48 0.00	21.89 1.59 6.95	14.54 1.75 11.74	34.37 2.61 0.00	37.44 2.94 0.00	50.02 3.88 0.00	46.40 3.63 0.00	42.64 3.33 0.00	38.75 3.04 0.00	38.47 2.97 0.00	25.59 1.88 0.00
CH_RES_BVR_FALLS 23983	29.17 -0.70 0.00	27.77 -0.64 0.00	30.10 -0.53 0.00	21.22 -0.39 0.00	27.08 -0.26 0.00	23.41 -0.24 0.00	41.64 -0.25 0.00	49.82 -0.14 0.00	50.26 -0.11 0.00	45.63 -0.04 0.00	52.71 0.07 0.00	54.23 0.05 0.00	52.17 0.05 0.00	46.64 -0.12 0.00	26.72 -0.52 0.00	20.71 -0.68 3.14	30.34 -0.90 0.51	33.45 -1.05 0.00	44.94 -1.20 0.00	41.51 -1.26 0.00	37.15 -1.26 0.91	34.37 -1.13 0.21	34.47 -1.03 0.00	22.98 -0.73 0.00
CH_RES_NIAGARA 23895	29.19 -0.67 0.00	27.60 -0.81 0.00	29.72 -0.90 0.00	20.98 -0.64 0.00	26.68 -0.66 0.00	23.32 -0.34 0.00	40.23 -1.51 0.14	47.60 -2.36 0.00	47.66 -2.72 0.00	43.20 -2.47 0.00	49.65 -2.99 0.00	51.52 -2.66 0.00	49.29 -2.84 0.00	44.57 -2.19 0.00	25.90 -1.34 0.00	20.73 -1.13 2.67	25.38 -1.11 5.26	29.81 -1.38 3.30	44.44 -1.69 0.00	41.22 -1.55 0.00	37.91 -1.40 0.00	34.89 -0.82 0.00	35.02 -0.48 0.00	23.73 0.02 0.00
CH_RES_SYRACUSE 23985	29.64 -0.22 0.00	28.20 -0.21 0.00	30.40 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.20 0.00	23.50 -0.16 0.00	41.68 -0.20 0.00	49.66 -0.30 0.00	50.02 -0.37 -0.02	45.26 -0.41 0.00	52.10 -0.54 0.00	53.60 -0.58 0.00	51.54 -0.59 0.00	46.37 -0.39 0.00	27.03 -0.21 0.00	24.46 -0.06 0.00	31.85 0.10 0.00	34.66 0.16 0.00	46.41 0.27 0.00	43.08 0.31 0.00	39.54 0.23 0.00	35.96 0.26 0.00	35.71 0.21 0.00	23.82 0.11 0.00
CLINTON_WT_PWR 323605	29.32 -0.54 0.00	27.75 -0.66 0.00	29.95 -0.67 0.00	21.18 -0.43 0.00	26.80 -0.54 0.00	23.11 -0.55 0.00	41.06 -0.83 0.00	48.68 -1.28 0.00	49.14 -1.23 0.00	45.35 -0.32 0.00	52.88 0.23 0.00	54.48 0.31 0.00	52.51 0.39 0.00	47.13 0.37 0.00	27.41 0.17 0.00	24.42 -0.11 0.00	30.88 -0.63 0.24	33.48 -1.02 0.00	45.07 -1.06 0.00	41.46 -1.30 0.00	37.27 -1.61 0.43	33.95 -1.66 0.10	33.79 -1.72 0.00	22.56 -1.15 0.00
CLINTON___LFGE 323618	29.40 -0.46 0.00	27.74 -0.67 0.00	29.85 -0.78 0.00	21.13 -0.48 0.00	26.71 -0.63 0.00	23.02 -0.63 0.00	40.98 -0.90 0.00	48.36 -1.59 0.00	48.77 -1.61 0.00	45.31 -0.36 0.00	53.22 0.58 0.00	54.90 0.72 0.00	53.18 1.05 0.00	47.70 0.94 0.00	27.79 0.55 0.00	24.71 0.18 0.00	31.14 -0.37 0.24	33.59 -0.91 0.00	45.22 -0.91 0.00	41.51 -1.26 0.00	37.12 -1.76 0.43	33.76 -1.85 0.10	33.55 -1.95 0.00	22.37 -1.34 0.00
COBBLENY_34_KV_TB1 80064	29.68 -0.18 0.00	28.10 -0.31 0.00	30.20 -0.43 0.00	21.29 -0.33 0.00	27.04 -0.31 0.00	23.53 -0.13 0.00	40.76 -0.98 0.14	48.55 -1.40 0.00	48.74 -1.64 0.00	44.12 -1.55 0.00	50.66 -1.98 0.00	52.56 -1.62 0.00	50.29 -1.83 0.00	45.37 -1.39 0.00	23.73 -0.90 2.61	16.23 -0.78 7.51	25.76 -0.62 5.37	30.52 -0.67 3.31	45.72 -0.42 0.00	42.55 -0.22 0.00	39.13 -0.19 0.00	35.90 0.19 0.00	35.78 0.28 0.00	24.14 0.43 0.00
COFFEEN___115KV_TB3 355620	29.73 -0.12 0.00	28.86 0.45 0.00	31.64 1.01 0.00	22.24 0.63 0.00	28.10 0.76 0.00	24.12 0.47 0.00	43.43 1.55 0.00	52.67 2.71 0.00	53.28 2.88 -0.02	48.16 2.49 0.00	55.49 2.85 0.00	56.79 2.61 0.00	54.40 2.28 0.00	48.12 1.36 0.00	27.33 0.09 0.00	24.67 0.14 0.00	31.97 0.26 0.04	34.93 0.43 0.00	46.95 0.81 0.00	43.49 0.72 0.00	39.68 0.44 0.07	36.07 0.38 0.02	35.77 0.27 0.00	23.72 0.01 0.00
COLDSPRG_115KV_BK1 355956	29.68 -0.18 0.00	28.40 -0.01 0.00	30.40 -0.22 0.00	21.31 -0.30 0.00	26.91 -0.43 0.00	23.37 -0.28 0.00	40.86 -0.94 0.08	49.08 -0.87 0.00	49.36 -1.02 0.00	44.53 -1.14 0.00	51.26 -1.38 0.00	53.25 -0.93 0.00	50.96 -1.17 0.00	45.82 -0.94 0.00	23.74 -0.74 2.75	17.38 -0.67 6.47	28.54 -0.54 2.68	32.57 -0.16 1.77	46.82 0.68 0.00	43.68 0.91 0.00	40.11 0.80 0.00	36.74 1.03 0.00	36.62 1.11 0.00	24.67 0.96 0.00
COLONIE_LFGE___ 323577	30.96 1.09 0.00	29.50 1.09 0.00	31.70 1.08 0.00	22.39 0.77 0.00	28.31 0.96 0.00	24.43 0.77 0.00	43.18 1.30 0.00	51.51 1.55 0.00	52.06 1.69 0.00	47.10 1.43 0.00	54.28 1.63 0.00	55.89 1.71 0.00	53.91 1.79 0.00	48.24 1.48 0.00	32.37 0.93 -4.20	32.64 1.00 -7.12	33.28 1.53 0.00	36.08 1.59 0.00	48.10 1.96 0.00	44.66 1.89 0.00	41.21 1.90 0.00	37.38 1.67 0.00	37.20 1.70 0.00	24.89 1.18 0.00
COOPERNY_115KV_TB1 80082	30.96 1.10 0.00	29.49 1.08 0.00	31.72 1.10 0.00	22.36 0.74 0.00	28.22 0.88 0.00	24.39 0.74 0.00	43.19 1.31 0.00	51.67 1.72 0.00	52.14 1.77 0.00	47.07 1.41 0.00	54.21 1.57 0.00	55.82 1.64 0.00	53.79 1.66 0.00	48.20 1.44 0.00	-4.65 0.92 32.81	-29.89 1.08 55.50	33.43 1.68 0.00	36.42 1.93 0.00	48.70 2.56 0.00	45.24 2.48 0.00	41.59 2.28 0.00	37.83 2.12 0.00	37.57 2.07 0.00	24.99 1.27 0.00
COPENHAGEN_WT_PWR 323753	29.11 -0.75 0.00	28.44 0.03 0.00	31.32 0.69 0.00	21.99 0.37 0.00	27.72 0.38 0.00	23.71 0.06 0.00	42.74 0.86 0.00	51.91 1.95 0.00	52.55 2.15 -0.02	47.51 1.84 0.00	54.86 2.22 0.00	56.22 2.04 0.00	53.84 1.71 0.00	47.49 0.73 0.00	26.73 -0.51 0.00	24.09 -0.44 0.00	31.19 -0.53 0.04	34.04 -0.46 0.00	45.74 -0.39 0.00	42.34 -0.43 0.00	38.69 -0.56 0.07	35.20 -0.50 0.02	34.95 -0.56 0.00	23.20 -0.51 0.00
CORNELL_____ 23752	30.20 0.34 0.00	28.71 0.30 0.00	30.95 0.33 0.00	21.84 0.23 0.00	27.67 0.33 0.00	24.02 0.37 0.00	42.62 0.69 -0.05	50.80 0.84 0.00	51.15 0.77 0.00	46.25 0.58 0.00	53.19 0.54 0.00	54.67 0.49 0.00	52.35 0.23 0.00	47.02 0.26 0.00	23.69 0.11 3.67	19.74 0.29 5.08	34.42 0.58 -2.08	36.55 0.80 -1.25	47.36 1.22 0.00	44.04 1.27 0.00	40.38 1.07 0.00	36.70 0.99 0.00	36.45 0.95 0.00	24.27 0.56 0.00

CORONA V_69_KV_TB1 355595	31.54 1.68 0.00	30.06 1.65 0.00	32.21 1.59 0.00	22.67 1.06 0.00	28.57 1.22 0.00	24.65 0.99 0.00	43.54 1.66 0.00	52.31 2.35 0.00	52.92 2.54 0.00	47.75 2.08 0.00	55.12 2.48 0.00	56.86 2.68 0.00	54.83 2.70 0.00	49.24 2.49 0.00	48.56 1.74 -19.58	59.47 1.86 -33.08	34.42 2.67 0.00	37.52 3.02 0.00	50.19 4.05 -0.01	46.54 3.78 0.00	42.67 3.36 0.00	38.80 3.09 0.00	38.57 3.07 0.00	25.65 1.94 0.00
CORTLAND_115KV_TB3 80093	30.03 0.17 0.00	28.58 0.17 0.00	30.81 0.19 0.00	21.75 0.13 0.00	27.51 0.17 0.00	23.83 0.18 0.00	42.26 0.37 0.00	50.46 0.50 0.00	50.84 0.47 0.00	45.95 0.28 0.00	52.86 0.21 0.00	54.37 0.19 0.00	52.21 0.08 0.00	46.87 0.11 0.00	24.30 0.04 2.97	19.72 0.18 4.99	32.19 0.44 0.00	35.08 0.58 0.00	47.00 0.86 0.00	43.68 0.91 0.00	40.08 0.77 0.00	36.43 0.72 0.00	36.19 0.69 0.00	24.11 0.40 0.00
COXSACKIE__GT 23611	31.33 1.47 0.00	29.86 1.45 0.00	32.08 1.46 0.00	22.68 1.07 0.00	28.86 1.52 0.00	25.19 1.54 0.00	44.73 2.85 0.00	53.61 3.65 0.00	54.07 3.69 0.00	48.43 2.76 0.00	54.53 1.89 0.00	56.36 2.18 0.00	54.06 1.93 0.00	48.90 2.14 0.00	28.51 1.27 0.00	26.17 1.64 0.00	34.12 2.37 0.00	36.65 2.15 0.00	49.19 3.05 0.00	45.55 2.79 0.00	41.92 2.60 0.00	37.99 2.28 0.00	37.70 2.20 0.00	25.22 1.51 0.00
CPV_VALLEY__CC1 323721	31.28 1.42 0.00	29.79 1.38 0.00	31.98 1.35 0.00	22.53 0.92 0.00	28.44 1.10 0.00	24.59 0.94 0.00	43.53 1.65 0.00	52.15 2.19 0.00	52.63 2.26 0.00	47.50 1.83 0.00	54.68 2.03 0.00	56.32 2.14 0.00	54.32 2.20 0.00	48.70 1.94 0.00	-27.71 1.25 56.21	-69.14 1.44 95.11	33.94 2.19 0.00	37.00 2.50 0.00	49.47 3.33 0.00	45.93 3.16 0.00	42.18 2.87 0.00	38.36 2.65 0.00	38.10 2.60 0.00	25.31 1.60 0.00
CPV_VALLEY__CC2 323722	31.28 1.42 0.00	29.79 1.38 0.00	31.98 1.35 0.00	22.53 0.92 0.00	28.44 1.10 0.00	24.59 0.94 0.00	43.53 1.65 0.00	52.15 2.19 0.00	52.63 2.26 0.00	47.50 1.83 0.00	54.68 2.03 0.00	56.32 2.14 0.00	54.32 2.20 0.00	48.70 1.94 0.00	-27.71 1.25 56.21	-69.14 1.44 95.11	33.94 2.19 0.00	37.00 2.50 0.00	49.47 3.33 0.00	45.93 3.16 0.00	42.18 2.87 0.00	38.36 2.65 0.00	38.10 2.60 0.00	25.31 1.60 0.00
CRESCENT__HYD 24018	30.96 1.09 0.00	29.50 1.09 0.00	31.70 1.08 0.00	22.39 0.77 0.00	28.31 0.96 0.00	24.43 0.77 0.00	43.18 1.30 0.00	51.51 1.55 0.00	52.06 1.69 0.00	47.10 1.43 0.00	54.28 1.63 0.00	55.89 1.71 0.00	53.91 1.79 0.00	48.24 1.48 0.00	32.37 0.93 -4.20	32.64 1.00 -7.12	33.28 1.53 0.00	36.08 1.59 0.00	48.10 1.96 0.00	44.66 1.89 0.00	41.21 1.90 0.00	37.38 1.67 0.00	37.20 1.70 0.00	24.89 1.18 0.00
CRICKET__VALLEY_CC1 323756	31.05 1.19 0.00	29.59 1.18 0.00	31.72 1.09 0.00	22.40 0.78 0.00	28.25 0.91 0.00	24.41 0.76 0.00	43.18 1.30 0.00	51.62 1.66 0.00	52.20 1.82 0.00	47.22 1.56 0.00	54.31 1.67 0.00	55.93 1.76 0.00	53.97 1.85 0.00	48.34 1.58 0.00	39.47 1.03 -11.20	44.71 1.22 -18.96	33.67 1.91 0.00	36.59 2.09 0.00	48.79 2.65 0.00	45.25 2.48 0.00	41.65 2.34 0.00	37.86 2.15 0.00	37.62 2.12 0.00	25.12 1.41 0.00
CRICKET__VALLEY_CC2 323757	31.05 1.19 0.00	29.59 1.18 0.00	31.72 1.09 0.00	22.40 0.78 0.00	28.25 0.91 0.00	24.41 0.76 0.00	43.18 1.30 0.00	51.62 1.66 0.00	52.20 1.82 0.00	47.22 1.56 0.00	54.31 1.67 0.00	55.93 1.76 0.00	53.97 1.85 0.00	48.34 1.58 0.00	39.47 1.03 -11.20	44.71 1.22 -18.96	33.67 1.91 0.00	36.59 2.09 0.00	48.79 2.65 0.00	45.25 2.48 0.00	41.65 2.34 0.00	37.86 2.15 0.00	37.62 2.12 0.00	25.12 1.41 0.00
CRICKET__VALLEY_CC3 323758	31.05 1.19 0.00	29.59 1.18 0.00	31.72 1.09 0.00	22.40 0.78 0.00	28.25 0.91 0.00	24.41 0.76 0.00	43.18 1.30 0.00	51.62 1.66 0.00	52.20 1.82 0.00	47.22 1.56 0.00	54.31 1.67 0.00	55.93 1.76 0.00	53.97 1.85 0.00	48.34 1.58 0.00	39.47 1.03 -11.20	44.71 1.22 -18.96	33.67 1.91 0.00	36.59 2.09 0.00	48.79 2.65 0.00	45.25 2.48 0.00	41.65 2.34 0.00	37.86 2.15 0.00	37.62 2.12 0.00	25.12 1.41 0.00
CRUCIBLE_METL_DRP 24180	29.64 -0.22 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.20 0.00	23.50 -0.16 0.00	41.68 -0.21 0.00	49.66 -0.30 0.00	50.03 -0.37 -0.02	45.26 -0.40 0.00	52.10 -0.55 0.00	53.60 -0.58 0.00	51.54 -0.59 0.00	46.37 -0.38 0.00	27.04 -0.20 0.00	24.47 -0.06 0.00	31.85 0.10 0.00	34.66 0.16 0.00	46.40 0.27 0.00	43.08 0.31 0.00	39.54 0.23 0.00	35.97 0.26 0.00	35.71 0.21 0.00	23.81 0.11 0.00
DAHOWA__HYDRO 323763	31.34 1.48 0.00	29.88 1.47 0.00	32.11 1.48 0.00	22.67 1.06 0.00	28.70 1.36 0.00	24.75 1.10 0.00	43.90 2.01 0.00	52.35 2.39 0.00	52.90 2.53 0.00	47.86 2.19 0.00	55.09 2.45 0.00	56.79 2.61 0.00	54.70 2.58 0.00	48.84 2.09 0.00	32.40 1.33 -3.83	32.35 1.33 -6.49	33.82 2.06 0.00	36.69 2.20 0.00	48.98 2.84 0.00	45.44 2.67 0.00	41.85 2.54 0.00	37.91 2.21 0.00	37.66 2.16 0.00	25.18 1.47 0.00
DANC__LFGE 323619	29.20 -0.66 0.00	28.23 -0.18 0.00	30.83 0.20 0.00	21.69 0.07 0.00	27.38 0.04 0.00	23.53 -0.12 0.00	42.08 0.20 0.00	50.77 0.81 0.00	51.35 0.95 -0.03	46.43 0.76 0.00	53.56 0.92 0.00	54.96 0.78 0.00	52.72 0.59 0.00	46.81 0.05 0.00	26.71 -0.53 0.00	24.09 -0.44 0.00	31.20 -0.53 0.03	34.02 -0.48 0.00	45.64 -0.50 0.00	42.30 -0.47 0.00	38.74 -0.53 0.04	35.29 -0.41 0.01	35.05 -0.45 0.00	23.31 -0.40 0.00
DANSKAMMER__1 23586	31.58 1.72 0.00	30.07 1.66 0.00	32.26 1.64 0.00	22.74 1.13 0.00	28.70 1.36 0.00	24.83 1.17 0.00	43.97 2.08 0.00	52.71 2.75 0.00	53.22 2.84 0.00	48.05 2.38 0.00	55.30 2.65 0.00	56.93 2.75 0.00	54.94 2.82 0.00	49.23 2.48 0.00	21.89 1.59 6.95	14.54 1.75 11.74	34.37 2.61 0.00	37.44 2.94 0.00	50.02 3.88 0.00	46.40 3.63 0.00	42.64 3.33 0.00	38.75 3.04 0.00	38.47 2.97 0.00	25.59 1.88 0.00
DANSKAMMER__2 23589	31.58 1.72 0.00	30.07 1.66 0.00	32.26 1.64 0.00	22.74 1.13 0.00	28.70 1.36 0.00	24.83 1.17 0.00	43.97 2.08 0.00	52.71 2.75 0.00	53.22 2.84 0.00	48.05 2.38 0.00	55.30 2.65 0.00	56.93 2.75 0.00	54.94 2.82 0.00	49.23 2.48 0.00	21.89 1.59 6.95	14.54 1.75 11.74	34.37 2.61 0.00	37.44 2.94 0.00	50.02 3.88 0.00	46.40 3.63 0.00	42.64 3.33 0.00	38.75 3.04 0.00	38.47 2.97 0.00	25.59 1.88 0.00
DANSKAMMER__3 23590	31.58 1.72 0.00	30.07 1.66 0.00	32.26 1.64 0.00	22.74 1.13 0.00	28.70 1.36 0.00	24.83 1.17 0.00	43.97 2.08 0.00	52.71 2.75 0.00	53.22 2.84 0.00	48.05 2.38 0.00	55.30 2.65 0.00	56.93 2.75 0.00	54.94 2.82 0.00	49.23 2.48 0.00	21.89 1.59 6.95	14.54 1.75 11.74	34.37 2.61 0.00	37.44 2.94 0.00	50.02 3.88 0.00	46.40 3.63 0.00	42.64 3.33 0.00	38.75 3.04 0.00	38.47 2.97 0.00	25.59 1.88 0.00

DANSKAMMER___4 23591	31.58 1.72 0.00	30.07 1.66 0.00	32.26 1.64 0.00	22.74 1.13 0.00	28.70 1.36 0.00	24.83 1.17 0.00	43.97 2.08 0.00	52.71 2.75 0.00	53.22 2.84 0.00	48.05 2.38 0.00	55.30 2.65 0.00	56.93 2.75 0.00	54.94 2.82 0.00	49.23 2.48 0.00	21.89 1.59 6.95	14.54 1.75 11.74	34.37 2.61 0.00	37.44 2.94 0.00	50.02 3.88 0.00	46.40 3.63 0.00	42.64 3.33 0.00	38.75 3.04 0.00	38.47 2.97 0.00	25.59 1.88 0.00
DANSKAMMER___DIESEL 23592	31.58 1.72 0.00	30.07 1.66 0.00	32.27 1.64 0.00	22.74 1.13 0.00	28.70 1.36 0.00	24.83 1.17 0.00	43.97 2.08 0.00	52.72 2.76 0.00	53.22 2.84 0.00	48.07 2.40 0.00	55.30 2.66 0.00	56.94 2.76 0.00	54.95 2.82 0.00	49.24 2.49 0.00	21.89 1.59 6.95	14.54 1.75 11.74	34.38 2.62 0.00	37.44 2.94 0.00	50.02 3.88 0.00	46.40 3.63 0.00	42.64 3.33 0.00	38.75 3.04 0.00	38.47 2.97 0.00	25.59 1.88 0.00
DARBY___SOLAR 323810	31.22 1.36 0.00	29.77 1.36 0.00	32.00 1.37 0.00	22.59 0.98 0.00	28.59 1.25 0.00	24.66 1.01 0.00	43.70 1.82 0.00	52.14 2.18 0.00	52.67 2.29 0.00	47.63 1.96 0.00	54.84 2.19 0.00	56.51 2.33 0.00	54.42 2.30 0.00	48.63 1.87 0.00	32.33 1.21 -3.89	32.34 1.22 -6.59	33.65 1.90 0.00	36.51 2.01 0.00	48.72 2.58 0.00	45.22 2.45 0.00	41.67 2.36 0.00	37.75 2.04 0.00	37.51 2.01 0.00	25.08 1.38 0.00
DASHVILLE___HYD 23610	31.20 1.34 0.00	29.71 1.30 0.00	31.91 1.29 0.00	22.51 0.89 0.00	28.39 1.04 0.00	24.55 0.89 0.00	43.45 1.56 0.00	52.05 2.09 0.00	52.56 2.19 0.00	47.47 1.80 0.00	54.64 2.00 0.00	56.24 2.06 0.00	54.21 2.08 0.00	48.54 1.78 0.00	22.59 1.23 5.88	15.97 1.38 9.93	33.89 2.14 0.00	36.86 2.36 0.00	49.19 3.06 0.00	45.66 2.89 0.00	41.99 2.67 0.00	38.18 2.47 0.00	37.92 2.42 0.00	25.24 1.53 0.00
DELAWARE___LFGE 323621	30.46 0.60 0.00	28.99 0.58 0.00	31.30 0.68 0.00	22.09 0.48 0.00	27.95 0.61 0.00	24.25 0.59 0.00	42.97 1.08 0.00	51.30 1.35 0.00	51.71 1.34 0.00	46.77 1.10 0.00	53.84 1.20 0.00	55.33 1.15 0.00	53.08 0.95 0.00	47.60 0.85 0.00	20.93 0.54 6.85	13.63 0.66 11.56	32.67 1.04 0.12	35.71 1.21 0.00	47.69 1.55 0.00	44.33 1.57 0.00	40.78 1.46 0.00	37.06 1.36 0.00	36.82 1.32 0.00	24.52 0.81 0.00
DERFIELD_115KV_TB7 355931	29.98 0.12 0.00	28.55 0.14 0.00	30.78 0.15 0.00	21.72 0.11 0.00	27.47 0.13 0.00	23.77 0.12 0.00	42.09 0.21 0.00	50.25 0.30 0.00	50.69 0.31 0.00	45.91 0.24 0.00	52.86 0.21 0.00	54.40 0.22 0.00	52.34 0.22 0.00	46.91 0.15 0.00	27.32 0.08 0.00	24.66 0.13 0.00	32.03 0.27 -0.01	34.80 0.30 0.00	46.51 0.37 0.00	43.14 0.37 0.00	39.71 0.37 -0.03	36.07 0.35 -0.01	35.86 0.35 0.00	23.94 0.23 0.00
DOGLEVILLE___HYD 23807	31.78 1.92 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.90 1.29 0.00	28.96 1.62 0.00	25.30 1.65 0.00	44.98 3.10 0.00	53.77 3.81 0.00	53.92 3.54 0.00	48.63 2.96 0.00	55.59 2.95 0.00	56.81 2.63 0.00	54.50 2.37 0.00	48.39 1.63 0.00	28.49 1.25 0.00	25.82 1.29 0.00	33.95 2.18 -0.01	37.04 2.54 0.00	49.59 3.46 0.00	46.08 3.31 0.00	42.49 3.16 -0.03	38.64 2.93 -0.01	38.39 2.89 0.00	25.61 1.91 0.00
DUNKIRK___115KV_TB_200 55889	29.22 -0.64 0.00	27.90 -0.52 0.00	29.82 -0.81 0.00	20.93 -0.68 0.00	26.45 -0.90 0.00	22.99 -0.66 0.00	40.16 -1.58 0.14	47.85 -2.11 0.00	47.96 -2.42 0.00	43.39 -2.28 0.00	49.89 -2.76 0.00	51.90 -2.28 0.00	49.63 -2.49 0.00	44.63 -2.13 0.00	23.20 -1.44 2.60	15.96 -1.21 7.36	25.46 -1.13 5.17	30.34 -0.98 3.18	45.66 -0.48 0.00	42.60 -0.17 0.00	39.10 -0.21 0.00	35.96 0.25 0.00	35.84 0.34 0.00	24.11 0.41 0.00
DUNKIRK___1 23563	29.22 -0.64 0.00	27.90 -0.52 0.00	29.82 -0.81 0.00	20.93 -0.68 0.00	26.45 -0.90 0.00	22.99 -0.66 0.00	40.16 -1.58 0.14	47.85 -2.11 0.00	47.96 -2.42 0.00	43.39 -2.28 0.00	49.89 -2.76 0.00	51.90 -2.28 0.00	49.63 -2.49 0.00	44.63 -2.13 0.00	23.20 -1.44 2.60	15.96 -1.21 7.36	25.46 -1.13 5.17	30.34 -0.98 3.18	45.66 -0.48 0.00	42.60 -0.17 0.00	39.10 -0.21 0.00	35.96 0.25 0.00	35.84 0.34 0.00	24.11 0.41 0.00
DUNKIRK___2 23564	29.22 -0.64 0.00	27.90 -0.52 0.00	29.82 -0.81 0.00	20.93 -0.68 0.00	26.45 -0.90 0.00	22.99 -0.66 0.00	40.16 -1.58 0.14	47.85 -2.11 0.00	47.96 -2.42 0.00	43.39 -2.28 0.00	49.89 -2.76 0.00	51.90 -2.28 0.00	49.63 -2.49 0.00	44.63 -2.13 0.00	23.20 -1.44 2.60	15.96 -1.21 7.36	25.46 -1.13 5.17	30.34 -0.98 3.18	45.66 -0.48 0.00	42.60 -0.17 0.00	39.10 -0.21 0.00	35.96 0.25 0.00	35.84 0.34 0.00	24.11 0.41 0.00
DUNKIRK___3 23565	29.35 -0.51 0.00	27.94 -0.47 0.00	29.92 -0.71 0.00	21.04 -0.58 0.00	26.61 -0.73 0.00	23.13 -0.53 0.00	40.29 -1.45 0.14	48.00 -1.95 0.00	48.15 -2.23 0.00	43.54 -2.12 0.00	50.03 -2.62 0.00	52.01 -2.17 0.00	49.75 -2.38 0.00	44.79 -1.97 0.00	23.34 -1.32 2.58	16.01 -1.11 7.40	25.37 -1.03 5.35	30.27 -0.95 3.28	45.58 -0.56 0.00	42.49 -0.28 0.00	39.03 -0.29 0.00	35.86 0.15 0.00	35.77 0.27 0.00	24.07 0.36 0.00
DUNKIRK___4 23566	29.35 -0.51 0.00	27.94 -0.47 0.00	29.92 -0.71 0.00	21.04 -0.58 0.00	26.61 -0.73 0.00	23.13 -0.53 0.00	40.29 -1.45 0.14	48.00 -1.95 0.00	48.15 -2.23 0.00	43.54 -2.12 0.00	50.03 -2.62 0.00	52.01 -2.17 0.00	49.75 -2.38 0.00	44.79 -1.97 0.00	23.34 -1.32 2.58	16.01 -1.11 7.40	25.37 -1.03 5.35	30.27 -0.95 3.28	45.58 -0.56 0.00	42.49 -0.28 0.00	39.03 -0.29 0.00	35.86 0.15 0.00	35.77 0.27 0.00	24.07 0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.54 1.68 0.00	30.04 1.64 0.00	32.22 1.60 0.00	22.70 1.10 0.00	28.65 1.31 0.00	24.77 1.12 0.00	43.84 1.96 0.00	52.56 2.60 0.00	53.10 2.72 0.00	47.99 2.32 0.00	55.26 2.62 0.00	56.94 2.76 0.00	54.94 2.82 0.00	49.25 2.50 0.00	48.46 1.59 -19.62	59.52 1.78 -33.22	34.40 2.65 0.00	37.46 2.96 0.00	49.98 3.84 0.00	46.36 3.60 0.00	42.57 3.26 0.00	38.72 3.01 0.00	38.47 2.97 0.00	25.57 1.86 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.46 1.60 0.00	29.96 1.55 0.00	32.15 1.52 0.00	22.65 1.04 0.00	28.59 1.24 0.00	24.72 1.07 0.00	43.79 1.91 0.00	52.56 2.60 0.00	53.05 2.67 0.00	47.86 2.20 0.00	55.08 2.44 0.00	56.72 2.54 0.00	54.72 2.60 0.00	49.05 2.29 0.00	4.34 1.47 24.37	-15.05 1.65 41.23	34.24 2.49 0.00	37.32 2.83 0.00	49.90 3.76 0.00	46.32 3.55 0.00	42.54 3.23 0.00	38.68 2.97 0.00	38.40 2.90 0.00	25.51 1.80 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.74 1.89 0.00	30.29 1.88 0.00	32.49 1.86 0.00	22.90 1.28 0.00	28.90 1.55 0.00	24.98 1.33 0.00	44.26 2.38 0.00	52.96 3.00 0.00	53.43 3.05 0.00	48.22 2.55 0.00	55.56 2.92 0.00	57.27 3.09 0.00	55.25 3.13 0.00	49.50 2.75 0.00	48.64 1.80 -19.61	59.68 1.95 -33.20	34.62 2.87 0.00	37.69 3.19 0.00	50.22 4.08 0.00	46.62 3.86 0.00	42.81 3.50 0.00	38.97 3.26 0.00	38.68 3.18 0.00	25.68 1.98 0.00

E179THST_13_KV_LOAD 356214	31.86 2.01 0.00	30.40 1.99 0.00	32.61 1.98 0.00	22.98 1.37 0.00	29.00 1.66 0.00	25.08 1.42 0.00	44.43 2.55 0.00	53.17 3.22 0.00	53.66 3.28 0.00	48.43 2.76 0.00	55.80 3.15 0.00	57.52 3.35 0.00	55.48 3.36 0.00	49.73 2.97 0.00	48.77 1.92 -19.61	59.80 2.07 -33.20	34.78 3.03 0.00	37.86 3.36 0.00	50.46 4.32 0.00	46.84 4.08 0.00	43.01 3.69 0.00	39.15 3.44 0.00	38.85 3.35 0.00	25.79 2.09 0.00
EAST HAMPTON___GT 23717	29.92 0.06 0.00	28.48 0.07 0.00	30.54 -0.09 0.00	21.47 -0.14 0.00	27.04 -0.30 0.00	10.64 -0.25 12.76	24.99 -0.29 16.60	21.19 0.01 28.77	30.69 0.09 19.78	21.95 -0.02 23.70	12.31 0.41 40.74	43.27 1.08 11.99	42.75 3.09 12.47	42.23 2.93 7.46	48.87 2.08 -19.56	59.67 2.17 -32.98	22.59 3.05 12.21	14.17 3.60 23.92	38.87 4.82 12.09	38.50 4.32 8.58	36.26 3.71 6.76	32.94 3.36 6.13	38.78 3.28 0.00	25.78 2.07 0.00
EAST RIVER___6 23660	31.76 1.90 0.00	30.24 1.83 0.00	32.42 1.80 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.93 1.28 0.00	44.16 2.28 0.00	52.95 2.99 0.00	53.54 3.17 0.00	48.43 2.76 0.00	55.76 3.12 0.00	57.45 3.28 0.00	55.45 3.32 0.00	49.70 2.94 0.00	48.76 1.88 -19.64	59.84 2.06 -33.25	34.77 3.02 0.00	37.87 3.37 0.00	50.47 4.33 0.00	46.79 4.02 0.00	42.95 3.64 0.00	39.05 3.34 0.00	38.78 3.28 0.00	25.75 2.04 0.00
EAST RIVER___7 23524	31.76 1.90 0.00	30.24 1.83 0.00	32.42 1.80 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.93 1.28 0.00	44.16 2.28 0.00	52.95 2.99 0.00	53.54 3.17 0.00	48.43 2.76 0.00	55.76 3.12 0.00	57.45 3.28 0.00	55.45 3.32 0.00	49.70 2.94 0.00	48.76 1.88 -19.64	59.84 2.06 -33.25	34.77 3.02 0.00	37.87 3.37 0.00	50.47 4.33 0.00	46.79 4.02 0.00	42.95 3.64 0.00	39.05 3.34 0.00	38.78 3.28 0.00	25.75 2.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.47 1.61 0.00	29.98 1.57 0.00	32.16 1.53 0.00	22.66 1.05 0.00	28.60 1.25 0.00	24.72 1.07 0.00	43.76 1.87 0.00	52.44 2.49 0.00	52.99 2.62 0.00	47.88 2.22 0.00	55.14 2.50 0.00	56.82 2.64 0.00	54.82 2.69 0.00	49.14 2.38 0.00	49.16 1.52 -20.40	60.77 1.70 -34.54	34.30 2.55 0.00	37.35 2.85 0.00	49.84 3.70 0.00	46.23 3.47 0.00	42.47 3.15 0.00	38.63 2.92 0.00	38.38 2.88 0.00	25.51 1.80 0.00
EAST_HAMPTON___DIESEL 23722	29.81 -0.05 0.00	28.38 -0.04 0.00	30.42 -0.20 0.00	21.40 -0.22 0.00	26.93 -0.41 0.00	10.55 -0.34 12.76	24.85 -0.43 16.60	21.01 -0.17 28.77	30.50 -0.09 19.78	21.79 -0.17 23.70	12.15 0.25 40.74	43.15 0.97 11.99	42.76 3.10 12.47	42.23 2.93 7.46	48.87 2.08 -19.56	59.68 2.18 -32.98	22.60 3.06 12.21	14.18 3.61 23.92	38.87 4.82 12.09	38.51 4.33 8.58	36.27 3.72 6.76	32.95 3.37 6.13	38.80 3.30 0.00	25.79 2.08 0.00
EAST_POINT___SOLAR 323840	30.37 0.51 0.00	28.86 0.45 0.00	31.17 0.54 0.00	21.94 0.33 0.00	27.81 0.47 0.00	24.24 0.58 0.00	43.28 1.39 0.00	51.92 1.96 0.00	51.98 1.60 0.00	46.70 1.03 0.00	53.60 0.95 0.00	54.89 0.71 0.00	52.34 0.21 0.00	46.65 -0.11 0.00	27.74 0.50 0.00	24.94 0.41 0.00	32.68 0.92 0.00	35.69 1.19 0.00	47.87 1.73 0.00	44.34 1.57 0.00	40.63 1.32 0.00	36.89 1.18 0.00	36.53 1.02 0.00	24.31 0.60 0.00
EAST_PULASKI___ESR 323781	29.28 -0.58 0.00	28.02 -0.38 0.00	30.36 -0.27 0.00	21.40 -0.21 0.00	27.06 -0.28 0.00	23.35 -0.30 0.00	41.40 -0.48 0.00	49.63 -0.33 0.00	50.13 -0.29 -0.04	45.33 -0.34 0.00	52.21 -0.44 0.00	53.66 -0.52 0.00	51.56 -0.57 0.00	46.08 -0.68 0.00	26.65 -0.59 0.00	24.06 -0.47 0.00	31.18 -0.56 0.01	33.96 -0.54 0.00	45.49 -0.64 0.00	42.20 -0.57 0.00	38.76 -0.54 0.02	35.36 -0.35 0.00	35.14 -0.36 0.00	23.42 -0.29 0.00
EAST_RIVER___1 323558	31.72 1.86 0.00	30.22 1.81 0.00	32.40 1.78 0.00	22.83 1.22 0.00	28.81 1.47 0.00	24.91 1.26 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.47 3.09 0.00	48.32 2.66 0.00	55.66 3.01 0.00	57.36 3.18 0.00	55.34 3.21 0.00	49.60 2.84 0.00	48.69 1.81 -19.64	59.77 1.99 -33.25	34.69 2.94 0.00	37.79 3.29 0.00	50.37 4.23 0.00	46.71 3.94 0.00	42.87 3.56 0.00	39.01 3.30 0.00	38.74 3.23 0.00	25.73 2.02 0.00
EAST_RIVER___2 323559	31.76 1.90 0.00	30.24 1.83 0.00	32.42 1.80 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.93 1.28 0.00	44.16 2.28 0.00	52.95 2.99 0.00	53.54 3.17 0.00	48.43 2.76 0.00	55.76 3.12 0.00	57.45 3.28 0.00	55.45 3.32 0.00	49.70 2.94 0.00	48.76 1.88 -19.64	59.84 2.06 -33.25	34.77 3.02 0.00	37.87 3.37 0.00	50.47 4.33 0.00	46.79 4.02 0.00	42.95 3.64 0.00	39.05 3.34 0.00	38.78 3.28 0.00	25.75 2.04 0.00
EAST___DELAWARE_HYD 23607	30.90 1.04 0.00	29.42 1.01 0.00	31.59 0.96 0.00	22.26 0.65 0.00	28.09 0.75 0.00	24.30 0.64 0.00	43.09 1.21 0.00	51.69 1.73 0.00	52.15 1.77 0.00	47.05 1.38 0.00	54.13 1.49 0.00	55.68 1.50 0.00	53.43 1.30 0.00	46.93 0.17 0.00	7.40 0.21 20.05	-8.92 0.48 33.93	32.73 0.98 0.00	35.71 1.22 0.00	47.90 1.76 0.00	45.49 2.72 0.00	41.81 2.50 0.00	38.00 2.29 0.00	37.70 2.20 0.00	25.02 1.31 0.00
EIGHT_POINT___WT_PWR 323820	29.67 -0.19 0.00	28.03 -0.38 0.00	30.18 -0.45 0.00	21.28 -0.34 0.00	27.00 -0.34 0.00	23.03 -0.63 0.00	39.84 -2.65 -0.61	47.55 -3.69 -1.28	47.57 -4.46 -1.66	42.11 -4.25 -0.69	47.46 -5.27 -0.09	49.02 -5.30 -0.14	46.87 -5.39 -0.13	42.14 -4.85 -0.23	20.74 -2.97 3.53	26.41 -2.32 -4.20	51.11 -2.70 -22.06	43.84 -2.45 -11.79	43.93 -2.21 0.00	41.35 -1.42 0.00	38.00 -1.31 0.00	34.72 -0.99 0.00	34.69 -0.81 0.00	23.34 -0.37 0.00
ELBRIDGE_115KV_TB2 80188	29.52 -0.34 0.00	28.07 -0.34 0.00	30.26 -0.37 0.00	21.36 -0.26 0.00	27.02 -0.33 0.00	23.38 -0.28 0.00	41.42 -0.46 0.00	49.36 -0.60 0.00	49.72 -0.67 -0.02	44.97 -0.70 0.00	51.75 -0.89 0.00	53.26 -0.92 0.00	51.17 -0.95 0.00	45.97 -0.79 0.00	26.80 -0.43 0.00	24.26 -0.27 0.00	31.58 -0.17 0.00	34.38 -0.12 0.00	46.01 -0.12 0.00	42.76 0.00 0.00	39.21 -0.10 0.00	35.70 -0.01 0.00	35.47 -0.03 0.00	23.65 -0.06 0.00
ELEC_TRO_TEK 24086	31.38 1.53 0.00	29.91 1.50 0.00	32.05 1.43 0.00	22.56 0.95 0.00	28.42 1.08 0.00	22.52 0.89 2.03	41.57 1.55 1.86	48.16 2.19 3.98	50.66 2.35 2.07	44.32 1.93 3.27	48.49 2.28 6.42	54.79 2.47 1.85	52.63 2.50 1.99	47.86 2.29 1.19	48.43 1.61 -19.58	59.34 1.75 -33.06	32.33 2.52 1.95	33.67 2.85 3.67	49.36 3.77 0.55	46.27 3.50 0.00	42.41 3.10 0.00	38.57 2.86 0.00	38.34 2.84 0.00	25.50 1.79 0.00
ELLENBURG_WT_PWR 323604	29.32 -0.54 0.00	27.75 -0.66 0.00	29.95 -0.67 0.00	21.18 -0.43 0.00	26.80 -0.54 0.00	23.11 -0.55 0.00	41.06 -0.83 0.00	48.68 -1.28 0.00	49.14 -1.23 0.00	45.35 -0.32 0.00	52.88 0.23 0.00	54.48 0.31 0.00	52.51 0.39 0.00	47.13 0.37 0.00	27.41 0.17 0.00	24.42 -0.11 0.00	30.88 -0.63 0.24	33.48 -1.02 0.00	45.07 -1.06 0.00	41.46 -1.30 0.00	37.27 -1.61 0.43	33.95 -1.66 0.10	33.79 -1.72 0.00	22.56 -1.15 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.48 -0.38 0.00	27.93 -0.48 0.00	30.01 -0.62 0.00	21.15 -0.46 0.00	26.87 -0.47 0.00	23.40 -0.26 0.00	40.48 -1.25 0.15	48.12 -1.84 0.00	48.26 -2.12 0.00	43.70 -1.97 0.00	50.22 -2.42 0.00	52.14 -2.03 0.00	49.89 -2.23 0.00	45.04 -1.72 0.00	26.14 -1.10 0.00	16.22 -0.94 7.36	25.18 -0.84 5.73	30.03 -0.95 3.52	45.29 -0.85 0.00	42.12 -0.65 0.00	38.73 -0.58 0.00	35.57 -0.14 0.00	35.50 0.00 0.00	23.99 0.27 0.00
EMPIRE_CC_1 323656	30.85 0.99 0.00	29.41 1.00 0.00	31.60 0.98 0.00	22.33 0.71 0.00	28.20 0.86 0.00	24.34 0.69 0.00	42.93 1.05 0.00	51.18 1.22 0.00	51.75 1.38 0.00	46.81 1.14 0.00	53.95 1.31 0.00	55.57 1.39 0.00	53.63 1.51 0.00	47.98 1.22 0.00	33.59 0.77 -5.58	34.85 0.88 -9.45	33.09 1.34 0.00	35.88 1.39 0.00	47.82 1.68 0.00	44.41 1.64 0.00	41.03 1.72 0.00	37.24 1.53 0.00	37.08 1.58 0.00	24.83 1.12 0.00
EMPIRE_CC_2 323658	30.85 0.99 0.00	29.41 1.00 0.00	31.60 0.98 0.00	22.33 0.71 0.00	28.20 0.86 0.00	24.34 0.69 0.00	42.93 1.05 0.00	51.18 1.22 0.00	51.75 1.38 0.00	46.81 1.14 0.00	53.95 1.31 0.00	55.57 1.39 0.00	53.63 1.51 0.00	47.98 1.22 0.00	33.59 0.77 -5.58	34.85 0.88 -9.45	33.09 1.34 0.00	35.88 1.39 0.00	47.82 1.68 0.00	44.41 1.64 0.00	41.03 1.72 0.00	37.24 1.53 0.00	37.08 1.58 0.00	24.83 1.12 0.00
ENORWICH_115KV_TB1 80156	30.34 0.48 0.00	28.86 0.45 0.00	31.38 0.75 0.00	22.20 0.59 0.00	28.76 1.42 0.00	25.55 1.89 0.00	45.32 3.40 -0.03	53.96 4.00 0.00	54.28 3.91 0.00	49.15 3.49 0.00	56.60 3.96 0.00	56.88 2.70 0.00	53.14 1.01 0.00	47.51 0.75 0.00	22.51 0.23 4.97	17.13 0.44 7.84	33.53 0.89 -0.89	36.40 1.30 -0.61	48.11 1.97 0.00	44.96 2.20 0.00	41.08 1.76 0.00	37.17 1.46 0.00	36.81 1.31 0.00	24.49 0.78 0.00
ERIE_ST__34_KV_TB1-2 80199	29.66 -0.20 0.00	28.10 -0.31 0.00	30.22 -0.41 0.00	21.31 -0.31 0.00	27.06 -0.29 0.00	23.54 -0.12 0.00	40.76 -0.97 0.16	48.62 -1.34 0.00	48.83 -1.54 0.00	44.20 -1.47 0.00	50.69 -1.96 0.00	52.63 -1.55 0.00	50.36 -1.77 0.00	45.42 -1.33 0.00	23.81 -0.87 2.55	16.14 -0.75 7.64	25.28 -0.59 5.88	30.25 -0.65 3.60	45.76 -0.73 0.00	42.56 -0.38 0.00	39.13 -0.21 0.00	35.86 0.15 0.00	35.74 0.24 0.00	24.12 0.42 0.00
ERIE_WT_PWR 323693	29.18 -0.25 0.43	27.70 -0.37 0.34	29.32 -0.51 0.80	20.53 -0.41 0.67	26.12 -0.40 0.82	22.04 -0.21 1.39	38.91 -1.18 1.79	45.79 -1.67 2.50	45.93 -1.93 2.52	42.81 -1.81 1.05	50.22 -2.28 0.14	52.12 -1.83 0.22	49.92 -2.01 0.20	44.87 -1.54 0.35	23.50 -0.99 2.75	14.98 -0.89 8.67	23.10 -0.74 7.92	26.65 -0.87 6.97	43.05 -0.73 2.35	40.18 -0.45 2.14	37.76 -0.40 1.15	35.30 0.01 0.42	35.52 0.13 0.11	23.04 0.38 1.05
ESPRGFLD_115KV_TB1 80157	29.79 -0.07 0.00	28.28 -0.13 0.00	30.59 -0.04 0.00	21.56 -0.05 0.00	27.35 0.01 0.00	23.89 0.24 0.00	42.63 0.75 0.00	51.03 1.07 0.00	51.35 0.98 0.00	46.43 0.77 0.00	53.41 0.77 0.00	54.99 0.81 0.00	52.54 0.42 0.00	46.90 0.14 0.00	27.36 0.13 0.00	24.61 0.08 0.00	31.94 0.19 0.00	34.84 0.34 0.00	46.66 0.52 0.00	43.33 0.56 0.00	39.72 0.41 0.00	36.07 0.36 0.00	35.77 0.27 0.00	23.79 0.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.15 0.29 0.00	28.66 0.25 0.00	30.90 0.27 0.00	21.81 0.19 0.00	27.64 0.30 0.00	23.99 0.34 0.00	42.55 0.63 -0.05	50.73 0.77 0.00	51.07 0.69 0.00	46.18 0.51 0.00	53.09 0.45 0.00	54.56 0.38 0.00	52.26 0.13 0.00	46.94 0.18 0.00	23.67 0.07 3.65	19.54 0.25 5.23	34.01 0.52 -1.73	36.27 0.73 -1.04	47.23 1.09 0.00	43.93 1.16 0.00	40.28 0.97 0.00	36.62 0.91 0.00	36.37 0.87 0.00	24.22 0.52 0.00
ETNA____115KV_TB2 80207	30.15 0.29 0.00	28.66 0.25 0.00	30.90 0.27 0.00	21.81 0.19 0.00	27.64 0.30 0.00	23.99 0.34 0.00	42.55 0.63 -0.05	50.73 0.77 0.00	51.07 0.69 0.00	46.18 0.51 0.00	53.09 0.45 0.00	54.56 0.38 0.00	52.26 0.13 0.00	46.94 0.18 0.00	23.67 0.07 3.65	19.54 0.25 5.23	34.01 0.52 -1.73	36.27 0.73 -1.04	47.23 1.09 0.00	43.93 1.16 0.00	40.28 0.97 0.00	36.62 0.91 0.00	36.37 0.87 0.00	24.22 0.52 0.00
EUCLID____115KV_TB2 356179	29.36 -0.50 0.00	27.93 -0.48 0.00	30.12 -0.51 0.00	21.25 -0.36 0.00	26.89 -0.45 0.00	23.28 -0.37 0.00	41.20 -0.68 0.00	49.17 -0.78 0.00	49.57 -0.81 -0.01	44.88 -0.79 0.00	51.65 -1.00 0.00	53.15 -1.03 0.00	51.10 -1.03 0.00	45.88 -0.88 0.00	26.75 -0.49 0.00	24.17 -0.36 0.00	31.42 -0.33 0.00	34.17 -0.33 0.00	45.72 -0.42 0.00	42.44 -0.33 0.00	38.99 -0.32 0.00	35.46 -0.25 0.00	35.22 -0.28 0.00	23.51 -0.20 0.00
E_CANADA_CAP_HY 24051	29.61 -0.25 0.00	28.10 -0.31 0.00	30.36 -0.26 0.00	21.38 -0.24 0.00	27.12 -0.22 0.00	23.65 0.00 0.00	42.25 0.36 0.00	50.64 0.68 0.00	50.90 0.53 0.00	45.96 0.29 0.00	52.86 0.22 0.00	54.38 0.20 0.00	52.13 0.00 0.00	46.42 -0.34 0.00	27.22 -0.02 0.00	24.36 -0.17 0.00	31.64 -0.12 0.00	34.46 -0.04 0.00	46.17 0.03 0.00	42.76 -0.01 0.00	39.21 -0.10 0.00	35.66 -0.05 0.00	35.37 -0.13 0.00	23.56 -0.15 0.00
E_CANADA_MHWK_HY 24050	31.78 1.92 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.90 1.29 0.00	28.96 1.62 0.00	25.30 1.65 0.00	44.98 3.10 0.00	53.77 3.82 0.00	53.92 3.54 0.00	48.63 2.96 0.00	55.58 2.93 0.00	56.81 2.63 0.00	54.50 2.38 0.00	48.38 1.62 0.00	28.49 1.25 0.00	25.82 1.29 0.00	33.95 2.18 -0.01	37.04 2.54 0.00	49.59 3.46 0.00	46.08 3.31 0.00	42.49 3.16 -0.03	38.64 2.93 -0.01	38.39 2.89 0.00	25.61 1.91 0.00
E_FISHKILL__LBMP 23776	31.25 1.39 0.00	29.78 1.37 0.00	31.95 1.33 0.00	22.53 0.91 0.00	28.43 1.08 0.00	24.57 0.92 0.00	43.46 1.57 0.00	52.02 2.06 0.00	52.56 2.19 0.00	47.52 1.85 0.00	54.71 2.06 0.00	56.35 2.17 0.00	54.35 2.23 0.00	48.71 1.95 0.00	40.63 1.28 -12.12	46.50 1.45 -20.52	33.96 2.21 0.00	36.92 2.43 0.00	49.24 3.10 0.00	45.68 2.91 0.00	42.01 2.70 0.00	38.20 2.50 0.00	37.98 2.48 0.00	25.29 1.58 0.00
FALCON__SEABRD_CC1 323796	29.19 -0.67 0.00	27.53 -0.88 0.00	29.57 -1.06 0.00	20.95 -0.67 0.00	26.45 -0.89 0.00	22.77 -0.88 0.00	40.51 -1.38 0.00	47.61 -2.35 0.00	48.02 -2.36 0.00	44.76 -0.91 0.00	52.74 0.10 0.00	54.47 0.29 0.00	52.73 0.61 0.00	47.34 0.59 0.00	27.63 0.39 0.00	24.51 -0.02 0.00	30.81 -0.70 0.24	33.13 -1.37 0.00	44.56 -1.58 0.00	40.86 -1.91 0.00	36.49 -2.39 0.43	33.22 -2.39 0.10	33.05 -2.45 0.00	22.05 -1.66 0.00
FALCON__SEABRD_CC2 323797	29.19 -0.67 0.00	27.53 -0.88 0.00	29.57 -1.06 0.00	20.95 -0.67 0.00	26.45 -0.89 0.00	22.77 -0.88 0.00	40.51 -1.38 0.00	47.61 -2.35 0.00	48.02 -2.36 0.00	44.76 -0.91 0.00	52.74 0.10 0.00	54.47 0.29 0.00	52.73 0.61 0.00	47.34 0.59 0.00	27.63 0.39 0.00	24.51 -0.02 0.00	30.81 -0.70 0.24	33.13 -1.37 0.00	44.56 -1.58 0.00	40.86 -1.91 0.00	36.49 -2.39 0.43	33.22 -2.39 0.10	33.05 -2.45 0.00	22.05 -1.66 0.00

FAR ROCKAWAY___4 23548	31.74 1.89 0.00	30.25 1.85 0.00	32.42 1.79 0.00	22.81 1.19 0.00	28.74 1.40 0.00	24.80 1.14 0.00	43.82 1.94 0.00	52.64 2.68 0.00	53.26 2.89 0.00	48.06 2.39 0.00	55.47 2.83 0.00	57.23 3.05 0.00	55.16 3.03 0.00	49.56 2.81 0.00	48.75 1.94 -19.58	59.67 2.06 -33.08	34.66 2.91 0.00	37.78 3.29 0.00	50.58 4.43 -0.01	46.89 4.13 0.00	42.97 3.66 0.00	39.07 3.36 0.00	38.81 3.31 0.00	25.81 2.10 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.73 1.87 0.00	30.22 1.82 0.00	32.41 1.78 0.00	22.83 1.22 0.00	28.82 1.48 0.00	24.92 1.26 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.45 3.07 0.00	48.32 2.65 0.00	55.66 3.02 0.00	57.36 3.18 0.00	55.34 3.21 0.00	49.59 2.84 0.00	48.67 1.80 -19.63	59.76 1.99 -33.24	34.69 2.94 0.00	37.77 3.28 0.00	50.36 4.22 0.00	46.71 3.94 0.00	42.88 3.56 0.00	39.01 3.30 0.00	38.74 3.23 0.00	25.73 2.02 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.73 1.87 0.00	30.23 1.82 0.00	32.41 1.78 0.00	22.83 1.22 0.00	28.82 1.48 0.00	24.92 1.26 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.45 3.07 0.00	48.31 2.64 0.00	55.65 3.00 0.00	57.35 3.17 0.00	55.33 3.21 0.00	49.59 2.83 0.00	48.67 1.80 -19.63	59.76 1.99 -33.24	34.69 2.94 0.00	37.77 3.27 0.00	50.36 4.22 0.00	46.71 3.94 0.00	42.88 3.56 0.00	39.01 3.30 0.00	38.74 3.24 0.00	25.73 2.02 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.70 1.84 0.00	30.21 1.80 0.00	32.39 1.76 0.00	22.82 1.21 0.00	28.80 1.46 0.00	24.91 1.25 0.00	44.11 2.22 0.00	52.87 2.91 0.00	53.43 3.05 0.00	48.30 2.63 0.00	55.62 2.98 0.00	57.31 3.14 0.00	55.30 3.18 0.00	49.56 2.81 0.00	48.66 1.78 -19.63	59.74 1.97 -33.24	34.67 2.91 0.00	37.75 3.26 0.00	50.34 4.20 0.00	46.67 3.90 0.00	42.84 3.53 0.00	38.98 3.27 0.00	38.71 3.21 0.00	25.71 2.00 0.00
FARRAGUT___LBMP 323566	31.69 1.83 0.00	30.19 1.78 0.00	32.37 1.74 0.00	22.81 1.20 0.00	28.78 1.44 0.00	24.89 1.23 0.00	44.08 2.19 0.00	52.82 2.87 0.00	53.38 3.01 0.00	48.25 2.58 0.00	55.57 2.92 0.00	57.26 3.08 0.00	55.25 3.13 0.00	49.51 2.76 0.00	48.63 1.76 -19.63	59.71 1.94 -33.24	34.64 2.89 0.00	37.72 3.22 0.00	50.30 4.16 0.00	46.63 3.86 0.00	42.81 3.50 0.00	38.95 3.24 0.00	38.70 3.20 0.00	25.70 1.99 0.00
FENNER___WINDPWR 24204	30.13 0.27 0.00	28.71 0.30 0.00	31.05 0.43 0.00	21.95 0.34 0.00	27.77 0.43 0.00	24.09 0.43 0.00	42.81 0.93 0.00	51.15 1.19 0.00	51.60 1.23 0.00	46.67 1.00 0.00	53.65 1.01 0.00	55.05 0.87 0.00	52.86 0.73 0.00	47.36 0.60 0.00	27.52 0.28 0.00	24.87 0.34 0.00	32.39 0.64 0.00	35.25 0.76 0.00	47.16 1.02 0.00	43.73 0.96 0.00	40.13 0.82 0.00	36.44 0.73 0.00	36.17 0.67 0.00	24.11 0.40 0.00
FIBERTEK___ENERGY 23856	29.64 -0.22 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.20 0.00	23.50 -0.16 0.00	41.68 -0.21 0.00	49.66 -0.30 0.00	50.03 -0.37 -0.02	45.26 -0.40 0.00	52.10 -0.55 0.00	53.60 -0.58 0.00	51.54 -0.59 0.00	46.37 -0.38 0.00	27.04 -0.20 0.00	24.47 -0.06 0.00	31.85 0.10 0.00	34.66 0.16 0.00	46.40 0.27 0.00	43.08 0.31 0.00	39.54 0.23 0.00	35.97 0.26 0.00	35.71 0.21 0.00	23.81 0.11 0.00
FITZPATRICK___ 23598	28.93 -0.93 0.00	27.52 -0.89 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.72 0.00	40.57 -1.32 0.00	48.40 -1.56 0.00	48.59 -1.61 0.17	44.19 -1.48 0.00	50.85 -1.79 0.00	52.31 -1.87 0.00	50.31 -1.82 0.00	45.15 -1.61 0.00	26.33 -0.91 0.00	23.77 -0.75 0.00	30.88 -0.88 0.00	33.56 -0.93 0.00	44.91 -1.23 0.00	41.68 -1.08 0.00	38.30 -1.01 0.00	34.82 -0.89 0.00	34.62 -0.88 0.00	23.11 -0.60 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.61 1.75 0.00	30.11 1.70 0.00	32.31 1.68 0.00	22.78 1.17 0.00	28.75 1.40 0.00	24.86 1.21 0.00	44.05 2.16 0.00	52.80 2.84 0.00	53.30 2.93 0.00	48.15 2.48 0.00	55.40 2.76 0.00	57.04 2.87 0.00	55.05 2.93 0.00	49.33 2.58 0.00	25.82 1.65 3.07	21.14 1.80 5.18	34.43 2.68 0.00	37.49 3.00 0.00	50.08 3.94 0.00	46.46 3.69 0.00	42.69 3.38 0.00	38.80 3.09 0.00	38.52 3.02 0.00	25.62 1.92 0.00
FORT ORANGE___ 23900	30.56 0.70 0.00	29.16 0.75 0.00	31.31 0.69 0.00	22.14 0.53 0.00	27.99 0.65 0.00	25.02 1.37 0.00	44.40 2.52 0.00	53.08 3.13 0.00	53.54 3.17 0.00	48.08 2.41 0.00	54.31 1.67 0.00	55.91 1.73 0.00	53.73 1.61 0.00	48.28 1.53 0.00	28.23 0.99 0.00	26.01 1.48 0.00	33.76 2.00 0.00	35.54 1.04 0.00	47.41 1.27 0.00	43.98 1.22 0.00	40.57 1.25 0.00	36.83 1.12 0.00	36.68 1.18 0.00	24.58 0.88 0.00
FORT_DRUM_COGEN 23780	29.53 -0.33 0.00	28.69 0.27 0.00	31.48 0.85 0.00	22.12 0.50 0.00	27.96 0.62 0.00	23.97 0.32 0.00	43.16 1.28 0.00	52.31 2.36 0.00	52.95 2.56 -0.02	47.89 2.22 0.00	55.24 2.60 0.00	56.59 2.41 0.00	54.18 2.06 0.00	47.93 1.18 0.00	27.13 -0.11 0.00	24.45 -0.07 0.00	31.66 -0.05 0.04	34.55 0.05 0.00	46.45 0.31 0.00	43.00 0.23 0.00	39.26 0.03 0.08	35.71 0.03 0.02	35.45 -0.05 0.00	23.53 -0.18 0.00
FOX_HILLS___ESR 323835	31.70 1.84 0.00	30.21 1.80 0.00	32.39 1.76 0.00	22.82 1.21 0.00	28.80 1.46 0.00	24.90 1.25 0.00	44.02 2.14 0.00	52.75 2.79 0.00	53.33 2.96 0.00	48.13 2.46 0.00	55.46 2.81 0.00	57.11 2.94 0.00	55.11 2.99 0.00	49.39 2.63 0.00	48.60 1.76 -19.61	59.72 1.99 -33.20	34.66 2.91 0.00	37.75 3.25 0.00	50.27 4.14 0.00	46.71 3.94 0.00	42.88 3.57 0.00	39.10 3.39 0.00	38.82 3.32 0.00	25.77 2.06 0.00
FPL_FAR_ROCK_GT1 24212	31.75 1.89 0.00	30.25 1.85 0.00	32.41 1.79 0.00	22.81 1.19 0.00	28.74 1.40 0.00	24.80 1.14 0.00	43.82 1.94 0.00	52.66 2.71 0.00	53.26 2.89 0.00	48.06 2.39 0.00	55.46 2.82 0.00	57.17 2.99 0.00	55.11 2.99 0.00	49.54 2.79 0.00	48.75 1.94 -19.58	59.67 2.06 -33.08	34.63 2.88 0.00	37.80 3.30 0.00	50.58 4.43 -0.01	46.89 4.13 0.00	42.96 3.65 0.00	39.07 3.36 0.00	38.81 3.31 0.00	25.81 2.10 0.00
FPL_FAR_ROCK_GT2 23815	31.75 1.89 0.00	30.25 1.85 0.00	32.41 1.79 0.00	22.81 1.19 0.00	28.74 1.40 0.00	24.80 1.14 0.00	43.82 1.94 0.00	52.66 2.71 0.00	53.26 2.89 0.00	48.06 2.39 0.00	55.46 2.82 0.00	57.17 2.99 0.00	55.11 2.99 0.00	49.54 2.79 0.00	48.75 1.94 -19.58	59.67 2.06 -33.08	34.63 2.88 0.00	37.80 3.30 0.00	50.58 4.43 -0.01	46.89 4.13 0.00	42.96 3.65 0.00	39.07 3.36 0.00	38.81 3.31 0.00	25.81 2.10 0.00
FRANKLIN_FALL_HYD 24054	29.77 -0.09 0.00	28.19 -0.22 0.00	30.48 -0.14 0.00	21.56 -0.05 0.00	27.30 -0.04 0.00	23.57 -0.09 0.00	41.95 0.07 0.00	49.88 -0.07 0.00	50.37 0.00 0.00	46.32 0.65 0.00	53.94 1.30 0.00	55.55 1.37 0.00	53.49 1.36 0.00	47.94 1.18 0.00	27.81 0.57 0.00	24.75 0.23 0.00	31.38 -0.15 0.22	34.03 -0.46 0.00	45.94 -0.20 0.00	42.25 -0.52 0.00	38.10 -0.82 0.40	34.73 -0.89 0.09	34.50 -1.00 0.00	23.02 -0.69 0.00

FREEPORT_EQUS_GT1 23764	31.49 1.63 0.00	30.00 1.59 0.00	32.15 1.52 0.00	22.62 1.00 0.00	28.48 1.14 0.00	18.32 0.95 6.29	37.76 1.63 5.75	40.03 2.40 12.32	46.51 2.53 6.39	37.57 2.04 10.13	35.13 2.36 19.88	50.95 2.50 5.73	48.57 2.58 6.14	45.51 2.43 3.68	48.53 1.73 -19.57	59.41 1.85 -33.03	28.36 2.62 6.02	26.16 3.03 11.36	48.48 4.06 1.71	46.52 3.75 0.00	42.63 3.32 0.00	38.76 3.05 0.00	38.49 2.99 0.00	25.59 1.88 0.00
FREEPORT___CT2 23818	31.49 1.63 0.00	30.00 1.59 0.00	32.15 1.52 0.00	22.62 1.00 0.00	28.48 1.14 0.00	18.32 0.95 6.29	37.76 1.63 5.75	40.03 2.40 12.32	46.51 2.53 6.39	37.57 2.04 10.13	35.13 2.36 19.88	50.95 2.50 5.73	48.57 2.58 6.14	45.51 2.43 3.68	48.53 1.73 -19.57	59.41 1.85 -33.03	28.36 2.62 6.02	26.16 3.03 11.36	48.48 4.06 1.71	46.52 3.75 0.00	42.63 3.32 0.00	38.76 3.05 0.00	38.49 2.99 0.00	25.59 1.88 0.00
FRESHKLS_33_KV_LOAD 356253	31.72 1.86 0.00	30.23 1.82 0.00	32.42 1.79 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.92 1.27 0.00	44.04 2.15 0.00	52.72 2.77 0.00	53.32 2.95 0.00	48.08 2.41 0.00	55.41 2.76 0.00	57.04 2.86 0.00	55.03 2.91 0.00	49.32 2.57 0.00	48.61 1.76 -19.61	59.76 2.03 -33.20	34.71 2.95 0.00	37.79 3.29 0.00	50.29 4.15 0.00	46.75 3.98 0.00	42.92 3.61 0.00	39.17 3.46 0.00	38.90 3.40 0.00	25.82 2.11 0.00
FULTON COGEN____ 23766	29.22 -0.64 0.00	27.81 -0.60 0.00	29.99 -0.64 0.00	21.16 -0.45 0.00	26.76 -0.58 0.00	23.16 -0.49 0.00	40.98 -0.90 0.00	48.93 -1.03 0.00	49.75 -0.67 -0.05	45.00 -0.67 0.00	51.39 -1.25 0.00	52.89 -1.29 0.00	50.85 -1.27 0.00	45.62 -1.14 0.00	26.59 -0.65 0.00	24.03 -0.50 0.00	31.20 -0.55 0.00	33.97 -0.53 0.00	45.44 -0.70 0.00	42.19 -0.57 0.00	38.77 -0.54 0.00	35.27 -0.44 0.00	35.05 -0.45 0.00	23.39 -0.31 0.00
FULTON___LFGE 323630	30.42 0.56 0.00	28.91 0.50 0.00	31.21 0.58 0.00	21.98 0.37 0.00	27.87 0.52 0.00	24.23 0.58 0.00	43.20 1.32 0.00	51.77 1.81 0.00	51.96 1.59 0.00	46.86 1.19 0.00	53.77 1.13 0.00	54.89 0.72 0.00	52.81 0.69 0.00	47.15 0.39 0.00	27.85 0.61 0.00	24.99 0.47 0.00	32.66 0.91 0.00	35.63 1.13 0.00	47.75 1.61 0.00	44.25 1.49 0.00	40.61 1.30 0.00	36.86 1.15 0.00	36.55 1.05 0.00	24.33 0.62 0.00
G.F.CEMENT___DRP 24184	31.39 1.53 0.00	29.95 1.54 0.00	32.18 1.55 0.00	22.73 1.12 0.00	28.79 1.45 0.00	24.79 1.14 0.00	44.03 2.15 0.00	52.51 2.55 0.00	53.06 2.69 0.00	48.08 2.41 0.00	55.29 2.65 0.00	57.01 2.83 0.00	54.94 2.82 0.00	49.01 2.26 0.00	32.37 1.39 -3.74	32.23 1.37 -6.33	33.92 2.17 0.00	36.77 2.28 0.00	49.11 2.98 0.00	45.57 2.80 0.00	41.96 2.65 0.00	37.98 2.27 0.00	37.71 2.20 0.00	25.22 1.51 0.00
GARDENVILLE___LBMP 24039	29.55 -0.31 0.00	27.96 -0.44 0.00	30.05 -0.58 0.00	21.18 -0.43 0.00	26.92 -0.43 0.00	23.35 -0.30 0.00	40.13 -1.43 0.33	48.13 -1.83 0.00	48.30 -2.07 0.00	43.74 -1.93 0.00	50.26 -2.38 0.00	52.17 -2.01 0.00	49.92 -2.21 0.00	45.06 -1.70 0.00	26.16 -1.08 0.00	12.51 -1.03 10.99	18.15 -1.03 12.56	25.79 -1.09 7.62	45.21 -0.93 0.00	42.10 -0.67 0.00	38.75 -0.56 0.00	35.59 -0.12 0.00	35.51 0.01 0.00	23.99 0.27 0.00
GARDNVLA_35_KV_LD 355827	29.68 -0.18 0.00	28.10 -0.31 0.00	30.19 -0.44 0.00	21.28 -0.34 0.00	27.04 -0.31 0.00	23.51 -0.15 0.00	40.68 -1.06 0.15	48.42 -1.54 0.00	48.61 -1.77 0.00	44.01 -1.66 0.00	50.56 -2.09 0.00	52.50 -1.68 0.00	50.23 -1.89 0.00	45.34 -1.42 0.00	23.80 -0.92 2.52	16.33 -0.80 7.39	25.56 -0.69 5.50	30.40 -0.74 3.36	45.65 -0.49 0.00	42.49 -0.28 0.00	39.09 -0.23 0.00	35.87 0.16 0.00	35.75 0.25 0.00	24.15 0.44 0.00
GELCKHM___115KV_LOAD 80723	29.47 -0.39 0.00	28.04 -0.37 0.00	30.22 -0.41 0.00	21.33 -0.29 0.00	26.98 -0.36 0.00	23.36 -0.29 0.00	41.38 -0.50 0.00	49.36 -0.59 0.00	49.75 -0.64 -0.01	45.03 -0.64 0.00	51.83 -0.82 0.00	53.31 -0.87 0.00	51.25 -0.87 0.00	46.09 -0.67 0.00	26.86 -0.38 0.00	24.29 -0.24 0.00	31.58 -0.17 0.00	34.37 -0.13 0.00	46.00 -0.14 0.00	42.70 -0.06 0.00	39.21 -0.10 0.00	35.65 -0.06 0.00	35.41 -0.09 0.00	23.63 -0.08 0.00
GENERAL___MILLS 23808	29.60 -0.26 0.00	28.03 -0.38 0.00	30.12 -0.51 0.00	21.22 -0.39 0.00	26.96 -0.38 0.00	23.45 -0.21 0.00	40.53 -1.18 0.17	48.26 -1.70 0.00	48.43 -1.95 0.00	43.86 -1.81 0.00	50.37 -2.28 0.00	52.29 -1.88 0.00	50.04 -2.09 0.00	45.16 -1.60 0.00	23.71 -1.02 2.51	15.68 -0.90 7.94	24.35 -0.81 6.59	29.60 -0.88 4.02	45.45 -0.69 0.00	42.32 -0.45 0.00	38.92 -0.39 0.00	35.73 0.02 0.00	35.64 0.14 0.00	24.07 0.36 0.00
GE_PLASTICS___DRP 24183	30.51 0.65 0.00	29.09 0.68 0.00	31.29 0.66 0.00	22.11 0.50 0.00	27.88 0.54 0.00	24.11 0.46 0.00	42.57 0.69 0.00	50.72 0.76 0.00	51.23 0.86 0.00	46.32 0.65 0.00	53.28 0.64 0.00	54.86 0.69 0.00	52.91 0.78 0.00	47.41 0.66 0.00	31.53 0.46 -3.84	31.64 0.60 -6.50	32.72 0.97 0.00	35.49 0.99 0.00	47.30 1.16 0.00	43.90 1.13 0.00	40.49 1.18 0.00	36.79 1.08 0.00	36.62 1.12 0.00	24.51 0.81 0.00
GILBOA___1 23756	30.61 0.75 0.00	29.18 0.77 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.03 0.69 0.00	24.17 0.51 0.00	42.73 0.84 0.00	51.01 1.05 0.00	51.49 1.12 0.00	46.58 0.91 0.00	53.63 0.99 0.00	55.22 1.04 0.00	53.21 1.09 0.00	47.68 0.92 0.00	27.84 0.60 0.00	25.26 0.72 0.00	32.90 1.15 0.00	35.69 1.20 0.00	47.44 1.30 0.00	44.09 1.32 0.00	40.77 1.46 0.00	37.09 1.38 0.00	36.88 1.38 0.00	24.62 0.91 0.00
GILBOA___2 23757	30.61 0.75 0.00	29.18 0.77 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.03 0.69 0.00	24.17 0.51 0.00	42.73 0.84 0.00	51.01 1.05 0.00	51.49 1.12 0.00	46.58 0.91 0.00	53.63 0.99 0.00	55.22 1.04 0.00	53.21 1.09 0.00	47.68 0.92 0.00	27.84 0.60 0.00	25.26 0.72 0.00	32.90 1.15 0.00	35.69 1.20 0.00	47.44 1.30 0.00	44.09 1.32 0.00	40.77 1.46 0.00	37.09 1.38 0.00	36.88 1.38 0.00	24.62 0.91 0.00
GILBOA___3 23758	30.61 0.75 0.00	29.18 0.77 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.03 0.69 0.00	24.17 0.51 0.00	42.73 0.84 0.00	51.01 1.05 0.00	51.49 1.12 0.00	46.58 0.91 0.00	53.63 0.99 0.00	55.22 1.04 0.00	53.21 1.09 0.00	47.68 0.92 0.00	27.84 0.60 0.00	25.26 0.72 0.00	32.90 1.15 0.00	35.69 1.20 0.00	47.44 1.30 0.00	44.09 1.32 0.00	40.77 1.46 0.00	37.09 1.38 0.00	36.88 1.38 0.00	24.62 0.91 0.00
GILBOA___4 23759	30.61 0.75 0.00	29.18 0.77 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.03 0.69 0.00	24.17 0.51 0.00	42.73 0.84 0.00	51.01 1.05 0.00	51.49 1.12 0.00	46.58 0.91 0.00	53.63 0.99 0.00	55.22 1.04 0.00	53.21 1.09 0.00	47.68 0.92 0.00	27.84 0.60 0.00	25.26 0.72 0.00	32.90 1.15 0.00	35.69 1.20 0.00	47.44 1.30 0.00	44.09 1.32 0.00	40.77 1.46 0.00	37.09 1.38 0.00	36.88 1.38 0.00	24.62 0.91 0.00

GILBOA____ 23599	30.61 0.75 0.00	29.18 0.77 0.00	31.58 0.95 0.00	22.28 0.67 0.00	28.03 0.69 0.00	24.17 0.51 0.00	42.73 0.85 0.00	51.01 1.06 0.00	51.49 1.12 0.00	46.58 0.91 0.00	53.63 0.99 0.00	55.23 1.05 0.00	53.21 1.09 0.00	47.68 0.92 0.00	27.84 0.60 0.00	25.26 0.73 0.00	32.91 1.15 0.00	35.69 1.20 0.00	47.44 1.30 0.00	44.09 1.33 0.00	40.77 1.46 0.00	37.09 1.38 0.00	36.88 1.38 0.00	24.62 0.91 0.00
GINNA____ 23603	28.20 -1.55 0.12	26.77 -1.55 0.09	28.72 -1.69 0.21	20.24 -1.19 0.18	25.68 -1.44 0.22	22.16 -1.12 0.37	39.30 -2.16 0.42	46.78 -2.59 0.60	47.06 -2.73 0.59	42.92 -2.50 0.24	49.68 -2.93 0.03	51.21 -2.91 0.05	49.15 -2.93 0.05	44.22 -2.46 0.08	25.73 -1.45 0.06	23.09 -1.26 0.18	30.22 -1.41 0.12	32.16 -1.54 0.79	43.66 -1.85 0.63	40.50 -1.69 0.58	37.36 -1.64 0.31	34.18 -1.41 0.11	34.03 -1.44 0.03	22.52 -0.91 0.28
GLEN PARK____ 23778	29.68 -0.18 0.00	28.81 0.40 0.00	31.60 0.97 0.00	22.21 0.60 0.00	28.07 0.73 0.00	24.09 0.43 0.00	43.37 1.49 0.00	52.59 2.63 0.00	53.20 2.81 -0.02	48.10 2.43 0.00	55.42 2.77 0.00	56.74 2.56 0.00	54.35 2.22 0.00	48.07 1.31 0.00	27.27 0.03 0.00	24.61 0.09 0.00	31.90 0.19 0.04	34.83 0.33 0.00	46.82 0.68 0.00	43.37 0.60 0.00	39.57 0.33 0.07	35.98 0.29 0.02	35.69 0.18 0.00	23.68 -0.03 0.00
GLENDALE_27_KV_LOAD 356172	31.84 1.99 0.00	30.34 1.93 0.00	32.54 1.91 0.00	22.92 1.31 0.00	28.94 1.59 0.00	25.01 1.36 0.00	44.28 2.40 0.00	53.06 3.10 0.00	53.61 3.24 0.00	48.44 2.77 0.00	55.78 3.14 0.00	57.49 3.31 0.00	55.48 3.36 0.00	49.73 2.97 0.00	48.76 1.91 -19.61	59.83 2.10 -33.20	34.84 3.09 0.00	37.93 3.44 0.00	50.51 4.37 0.00	46.85 4.08 0.00	43.01 3.70 0.00	39.17 3.46 0.00	38.91 3.41 0.00	25.83 2.12 0.00
GLENWOOD_IC_1_G5 23712	31.56 1.70 0.00	30.07 1.67 0.00	32.24 1.61 0.00	22.70 1.09 0.00	28.61 1.27 0.00	20.89 1.08 3.85	40.26 1.90 3.51	44.99 2.57 7.53	49.21 2.74 3.90	41.78 2.30 6.19	43.16 2.67 12.15	53.53 2.86 3.50	51.26 2.90 3.76	47.13 2.62 2.25	48.55 1.73 -19.58	59.46 1.88 -33.05	30.80 2.73 3.68	30.62 3.07 6.95	49.14 4.05 1.04	46.52 3.76 0.00	42.68 3.37 0.00	38.80 3.09 0.00	38.55 3.05 0.00	25.62 1.91 0.00
GLENWOOD_IC_2_G1 23688	31.50 1.64 0.00	30.00 1.59 0.00	32.17 1.54 0.00	22.66 1.05 0.00	28.58 1.24 0.00	24.70 1.05 0.00	43.71 1.82 0.00	52.44 2.48 0.00	52.99 2.62 0.00	47.87 2.20 0.00	55.17 2.53 0.00	56.85 2.67 0.00	54.84 2.71 0.00	49.19 2.43 0.00	48.40 1.62 -19.54	59.39 1.78 -33.08	34.35 2.60 0.00	37.44 2.94 0.00	49.97 3.84 0.00	46.34 3.58 0.00	42.53 3.22 0.00	38.68 2.97 0.00	38.44 2.93 0.00	25.55 1.85 0.00
GLENWOOD_IC_3_G1 23689	31.50 1.64 0.00	30.00 1.59 0.00	32.17 1.54 0.00	22.66 1.05 0.00	28.58 1.24 0.00	24.70 1.05 0.00	43.71 1.82 0.00	52.44 2.48 0.00	52.99 2.62 0.00	47.87 2.20 0.00	55.17 2.53 0.00	56.85 2.67 0.00	54.84 2.71 0.00	49.19 2.43 0.00	48.40 1.62 -19.54	59.39 1.78 -33.08	34.35 2.60 0.00	37.44 2.94 0.00	49.97 3.84 0.00	46.34 3.58 0.00	42.53 3.22 0.00	38.68 2.97 0.00	38.44 2.93 0.00	25.55 1.85 0.00
GLENWOOD____4 23550	31.56 1.70 0.00	30.07 1.67 0.00	32.24 1.61 0.00	22.70 1.09 0.00	28.61 1.27 0.00	20.89 1.08 3.85	40.26 1.90 3.51	44.99 2.57 7.53	49.21 2.74 3.90	41.78 2.30 6.19	43.16 2.67 12.15	53.53 2.86 3.50	51.26 2.90 3.76	47.13 2.62 2.25	48.55 1.73 -19.58	59.46 1.88 -33.05	30.80 2.73 3.68	30.62 3.07 6.95	49.14 4.05 1.04	46.52 3.76 0.00	42.68 3.37 0.00	38.80 3.09 0.00	38.55 3.05 0.00	25.62 1.91 0.00
GLENWOOD____5 23614	31.56 1.70 0.00	30.07 1.67 0.00	32.24 1.61 0.00	22.70 1.09 0.00	28.61 1.27 0.00	20.89 1.08 3.85	40.26 1.90 3.51	44.99 2.57 7.53	49.21 2.74 3.90	41.78 2.30 6.19	43.16 2.67 12.15	53.53 2.86 3.50	51.26 2.90 3.76	47.13 2.62 2.25	48.55 1.73 -19.58	59.46 1.88 -33.05	30.80 2.73 3.68	30.62 3.07 6.95	49.14 4.05 1.04	46.52 3.76 0.00	42.68 3.37 0.00	38.80 3.09 0.00	38.55 3.05 0.00	25.62 1.91 0.00
GLOBAL GREEN_PORT_GT1 23814	30.33 0.47 0.00	28.88 0.47 0.00	30.97 0.34 0.00	21.77 0.15 0.00	27.40 0.06 0.00	10.96 0.07 12.76	25.56 0.27 16.60	21.86 0.67 28.77	31.35 0.75 19.78	22.53 0.57 23.70	12.92 1.02 40.74	43.68 1.49 11.99	42.60 2.94 12.46	42.09 2.79 7.46	48.81 2.01 -19.56	59.61 2.11 -32.98	22.49 2.95 12.21	14.06 3.49 23.92	38.71 4.66 12.08	38.38 4.18 8.57	36.14 3.59 6.76	32.84 3.26 6.13	38.69 3.19 0.00	25.72 2.01 0.00
GLOBE____DSASP 323697	29.16 -0.70 0.00	27.57 -0.84 0.00	29.68 -0.95 0.00	20.95 -0.66 0.00	26.65 -0.69 0.00	23.27 -0.39 0.00	40.14 -1.60 0.14	47.48 -2.48 0.00	47.56 -2.82 0.00	43.10 -2.57 0.00	49.54 -3.11 0.00	51.40 -2.78 0.00	49.18 -2.95 0.00	44.47 -2.29 0.00	25.84 -1.40 0.00	20.68 -1.19 2.66	25.33 -1.18 5.24	29.76 -1.45 3.29	44.32 -1.82 0.00	41.09 -1.68 0.00	37.79 -1.53 0.00	34.78 -0.93 0.00	34.95 -0.55 0.00	23.68 -0.03 0.00
GOETHSLN____LBMP 323567	31.58 1.72 0.00	30.10 1.69 0.00	32.27 1.64 0.00	22.73 1.12 0.00	28.69 1.35 0.00	24.81 1.15 0.00	43.92 2.04 0.00	52.64 2.69 0.00	53.17 2.80 0.00	48.06 2.39 0.00	55.34 2.69 0.00	57.02 2.84 0.00	55.02 2.89 0.00	49.29 2.54 0.00	48.49 1.62 -19.63	59.61 1.83 -33.24	34.51 2.76 0.00	37.60 3.10 0.00	50.15 4.01 0.00	46.50 3.73 0.00	42.69 3.38 0.00	38.85 3.14 0.00	38.60 3.10 0.00	25.63 1.92 0.00
GOLAH____69_KV_TB 1_2 80279	30.01 0.15 0.00	28.47 0.06 0.00	30.61 -0.01 0.00	21.60 -0.01 0.00	27.37 0.03 0.00	23.96 0.31 0.00	42.04 0.16 0.00	49.87 -0.09 0.00	50.12 -0.26 0.00	45.40 -0.27 0.00	52.27 -0.38 0.00	54.39 0.21 0.00	51.59 -0.54 0.00	46.49 -0.27 0.00	27.03 -0.21 0.00	24.37 -0.16 0.00	32.10 0.05 -0.30	34.57 0.07 0.00	46.63 0.49 0.00	43.30 0.53 0.00	39.79 0.48 0.00	36.29 0.58 0.00	36.15 0.65 0.00	24.24 0.53 0.00
GOODYEAR_LAKE_HYD 323669	30.38 0.52 0.00	28.88 0.47 0.00	31.21 0.58 0.00	22.02 0.41 0.00	27.89 0.55 0.00	24.28 0.63 0.00	43.15 1.27 0.00	51.56 1.60 0.00	51.94 1.56 0.00	46.99 1.32 0.00	54.07 1.42 0.00	55.59 1.41 0.00	53.17 1.05 0.00	47.65 0.89 0.00	22.56 0.55 5.23	16.33 0.61 8.81	32.59 0.95 0.10	35.65 1.15 0.00	47.68 1.54 0.00	44.33 1.56 0.00	40.70 1.39 0.00	36.97 1.26 0.00	36.69 1.19 0.00	24.42 0.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.12 0.26 0.00	28.64 0.23 0.00	30.85 0.22 0.00	21.77 0.15 0.00	27.50 0.16 0.00	23.79 0.13 0.00	42.06 0.17 0.00	50.17 0.21 0.00	50.50 0.12 0.00	45.58 -0.09 0.00	52.38 -0.26 0.00	54.04 -0.14 0.00	51.88 -0.25 0.00	46.57 -0.18 0.00	21.98 -0.15 5.11	15.99 0.03 8.57	31.74 0.26 0.27	34.93 0.43 0.00	46.91 0.77 0.00	43.65 0.89 0.00	40.06 0.75 0.00	36.47 0.76 0.00	36.30 0.80 0.00	24.18 0.47 0.00

GOWANUS_GT4_5 24134	31.75 1.89 0.00	30.26 1.85 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.28 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.47 3.10 0.00	48.28 2.61 0.00	55.62 2.98 0.00	57.31 3.13 0.00	55.30 3.17 0.00	49.54 2.79 0.00	48.67 1.82 -19.61	59.75 2.02 -33.20	34.72 2.96 0.00	37.81 3.31 0.00	50.38 4.25 0.00	46.78 4.02 0.00	42.94 3.63 0.00	39.12 3.41 0.00	38.85 3.35 0.00	25.78 2.08 0.00
GOWANUS_GT4_6 24135	31.75 1.89 0.00	30.26 1.85 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.28 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.47 3.10 0.00	48.28 2.61 0.00	55.62 2.98 0.00	57.31 3.13 0.00	55.30 3.17 0.00	49.54 2.79 0.00	48.67 1.82 -19.61	59.75 2.02 -33.20	34.72 2.96 0.00	37.81 3.31 0.00	50.38 4.25 0.00	46.78 4.02 0.00	42.94 3.63 0.00	39.12 3.41 0.00	38.85 3.35 0.00	25.78 2.08 0.00
GOWANUS_GT4_7 24136	31.75 1.89 0.00	30.26 1.85 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.28 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.47 3.10 0.00	48.28 2.61 0.00	55.62 2.98 0.00	57.31 3.13 0.00	55.30 3.17 0.00	49.54 2.79 0.00	48.67 1.82 -19.61	59.75 2.02 -33.20	34.72 2.96 0.00	37.81 3.31 0.00	50.38 4.25 0.00	46.78 4.02 0.00	42.94 3.63 0.00	39.12 3.41 0.00	38.85 3.35 0.00	25.78 2.08 0.00
GOWANUS_GT4_8 24137	31.75 1.89 0.00	30.26 1.85 0.00	32.44 1.81 0.00	22.85 1.24 0.00	28.84 1.50 0.00	24.94 1.28 0.00	44.12 2.24 0.00	52.89 2.93 0.00	53.47 3.10 0.00	48.28 2.61 0.00	55.62 2.98 0.00	57.31 3.13 0.00	55.30 3.17 0.00	49.54 2.79 0.00	48.67 1.82 -19.61	59.75 2.02 -33.20	34.72 2.96 0.00	37.81 3.31 0.00	50.38 4.25 0.00	46.78 4.02 0.00	42.94 3.63 0.00	39.12 3.41 0.00	38.85 3.35 0.00	25.78 2.08 0.00
GREATVR_69_KV_BK1 356245	31.57 1.71 0.00	30.07 1.66 0.00	32.23 1.60 0.00	22.65 1.03 0.00	28.52 1.18 0.00	12.53 0.95 12.07	28.88 1.67 14.68	25.87 2.35 26.44	35.54 2.46 17.30	25.98 2.08 21.77	16.68 2.49 38.45	45.70 2.69 11.17	43.01 2.68 11.79	42.24 2.54 7.05	48.74 1.94 -19.56	59.54 2.03 -32.98	22.97 2.77 11.55	15.18 3.14 22.45	40.65 4.16 9.65	40.26 3.82 6.33	37.64 3.32 4.99	34.25 3.06 4.52	38.62 3.12 0.00	25.70 1.99 0.00
GREENBSH_115KV_TB3 55895	30.44 0.58 0.00	29.03 0.62 0.00	31.18 0.56 0.00	22.05 0.44 0.00	27.79 0.45 0.00	24.02 0.36 0.00	42.36 0.48 0.00	50.40 0.44 0.00	50.93 0.56 0.00	46.05 0.38 0.00	53.03 0.38 0.00	54.60 0.42 0.00	52.66 0.54 0.00	47.19 0.43 0.00	31.74 0.33 -4.16	32.07 0.49 -7.06	32.57 0.82 0.00	35.34 0.84 0.00	47.09 0.95 0.00	43.70 0.93 0.00	40.32 1.01 0.00	36.63 0.92 0.00	36.49 0.99 0.00	24.48 0.77 0.00
GREENDGE_115KV_TB5 80291	29.94 0.08 0.00	28.40 -0.01 0.00	30.56 -0.06 0.00	21.57 -0.04 0.00	27.33 -0.01 0.00	23.65 -0.01 0.00	41.57 -0.53 -0.22	49.28 -0.68 0.00	49.46 -0.91 0.00	44.71 -0.96 0.00	51.35 -1.29 0.00	52.97 -1.20 0.00	50.72 -1.40 0.00	45.49 -1.27 0.00	23.29 -0.66 3.28	23.01 -0.40 1.12	40.70 -0.43 -9.38	39.36 -0.26 -5.13	46.18 0.04 0.00	43.04 0.27 0.00	39.47 0.16 0.00	36.11 0.40 0.00	35.98 0.48 0.00	24.01 0.31 0.00
GREENIDGE___3 23582	29.94 0.08 0.00	28.40 -0.01 0.00	30.56 -0.06 0.00	21.57 -0.04 0.00	27.33 -0.01 0.00	23.65 -0.01 0.00	41.57 -0.53 -0.22	49.28 -0.68 0.00	49.46 -0.91 0.00	44.71 -0.96 0.00	51.35 -1.29 0.00	52.97 -1.20 0.00	50.72 -1.40 0.00	45.49 -1.27 0.00	23.29 -0.66 3.28	23.01 -0.40 1.12	40.70 -0.43 -9.38	39.36 -0.26 -5.13	46.18 0.04 0.00	43.04 0.27 0.00	39.47 0.16 0.00	36.11 0.40 0.00	35.98 0.48 0.00	24.01 0.31 0.00
GREENIDGE___4 23583	30.11 0.08 -0.16	28.53 -0.01 -0.13	30.86 -0.06 -0.30	21.82 -0.04 -0.25	27.65 0.00 -0.31	24.17 -0.01 -0.52	42.20 -0.52 -0.84	50.37 -0.69 -1.11	50.60 -0.93 -1.15	45.17 -0.98 -0.48	51.38 -1.33 -0.07	53.05 -1.23 -0.10	50.79 -1.43 -0.09	45.63 -1.29 -0.16	23.39 -0.68 3.18	23.29 -0.40 0.83	41.18 -0.44 -9.87	40.47 -0.27 -6.24	47.07 0.04 -0.88	43.84 0.27 -0.80	39.90 0.16 -0.43	36.27 0.40 -0.16	36.02 0.48 -0.04	24.41 0.31 -0.39
GREENLWN_69_KV_BK 3 55738	31.02 1.16 0.00	29.57 1.16 0.00	31.68 1.06 0.00	22.27 0.66 0.00	28.03 0.69 0.00	11.89 0.56 12.32	35.87 0.95 6.95	30.57 1.47 20.86	45.42 1.62 6.57	29.87 1.30 17.09	15.67 1.61 38.58	44.92 1.92 11.19	42.05 1.95 12.03	41.33 1.77 7.20	48.13 1.33 -19.56	59.03 1.52 -32.98	22.12 2.16 11.79	15.43 2.44 21.50	53.49 3.21 -4.14	53.21 2.96 -7.49	47.79 2.58 -5.90	43.45 2.39 -5.35	37.86 2.36 0.00	25.23 1.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.76 1.90 0.00	30.27 1.86 0.00	32.45 1.82 0.00	22.86 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.25 0.00	52.90 2.94 0.00	53.49 3.12 0.00	48.28 2.62 0.00	55.64 3.00 0.00	57.32 3.15 0.00	55.32 3.19 0.00	49.57 2.81 0.00	48.67 1.83 -19.61	59.76 2.03 -33.20	34.74 2.98 0.00	37.82 3.32 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
GRISSOM___SOLAR 323813	30.60 0.74 0.00	29.11 0.70 0.00	31.40 0.77 0.00	22.12 0.50 0.00	28.03 0.69 0.00	24.34 0.69 0.00	43.34 1.46 0.00	51.93 1.97 0.00	52.11 1.73 0.00	46.98 1.31 0.00	53.92 1.28 0.00	54.90 0.72 0.00	52.89 0.76 0.00	47.26 0.50 0.00	27.96 0.72 0.00	25.12 0.59 0.00	32.85 1.10 0.00	35.85 1.36 0.00	48.03 1.89 0.00	44.52 1.75 0.00	40.88 1.56 0.00	37.09 1.38 0.00	36.79 1.29 0.00	24.51 0.80 0.00
GROVEVILLE___HYD 323602	31.61 1.75 0.00	30.11 1.70 0.00	32.31 1.68 0.00	22.78 1.17 0.00	28.75 1.40 0.00	24.86 1.21 0.00	44.05 2.16 0.00	52.80 2.84 0.00	53.30 2.93 0.00	48.15 2.48 0.00	55.40 2.76 0.00	57.04 2.87 0.00	55.05 2.93 0.00	49.33 2.58 0.00	25.82 1.65 3.07	21.14 1.80 5.18	34.43 2.68 0.00	37.49 3.00 0.00	50.08 3.94 0.00	46.46 3.69 0.00	42.69 3.38 0.00	38.80 3.09 0.00	38.52 3.02 0.00	25.62 1.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.64 -0.22 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.20 0.00	23.50 -0.16 0.00	41.68 -0.21 0.00	49.66 -0.30 0.00	50.03 -0.37 -0.02	45.26 -0.40 0.00	52.10 -0.55 0.00	53.60 -0.58 0.00	51.54 -0.59 0.00	46.37 -0.38 0.00	27.04 -0.20 0.00	24.47 -0.06 0.00	31.85 0.10 0.00	34.66 0.16 0.00	46.40 0.27 0.00	43.08 0.31 0.00	39.54 0.23 0.00	35.97 0.26 0.00	35.71 0.21 0.00	23.81 0.11 0.00
HAMLTNNY_34_KV_TB 80303	29.75 -0.11 0.00	28.28 -0.13 0.00	30.49 -0.14 0.00	21.51 -0.10 0.00	27.23 -0.11 0.00	23.58 -0.07 0.00	41.79 -0.09 0.00	49.81 -0.15 0.00	50.15 -0.24 -0.02	45.34 -0.33 0.00	52.11 -0.54 0.00	53.71 -0.46 0.00	51.62 -0.50 0.00	46.38 -0.38 0.00	27.03 -0.21 0.00	24.48 -0.04 0.00	31.88 0.12 0.00	34.69 0.19 0.00	46.48 0.34 0.00	43.18 0.41 0.00	39.58 0.27 0.00	36.02 0.31 0.00	35.76 0.26 0.00	23.86 0.15 0.00

HAMPSHIRE___PAPER_HYD 323593	29.72 -0.14 0.00	28.52 0.11 0.00	31.08 0.45 0.00	21.88 0.27 0.00	27.77 0.43 0.00	23.92 0.26 0.00	42.82 0.94 0.00	51.37 1.41 0.00	51.87 1.48 -0.01	47.12 1.45 0.00	54.64 2.00 0.00	56.11 1.93 0.00	53.80 1.68 0.00	47.88 1.13 0.00	27.36 0.12 0.00	24.40 -0.12 0.00	31.28 -0.35 0.12	34.02 -0.48 0.00	45.76 -0.38 0.00	42.26 -0.51 0.00	38.62 -0.48 0.21	35.32 -0.34 0.05	35.14 -0.36 0.00	23.38 -0.33 0.00
HARDSCRABBLE_WT_PWR 323673	31.25 1.39 0.00	29.63 1.22 0.00	31.79 1.16 0.00	22.49 0.87 0.00	28.45 1.11 0.00	24.91 1.25 0.00	44.35 2.47 0.00	53.05 3.10 0.00	53.27 2.89 0.00	48.06 2.39 0.00	54.96 2.32 0.00	56.32 2.14 0.00	54.06 1.94 0.00	47.83 1.08 0.00	28.07 0.83 0.00	25.39 0.87 0.00	33.31 1.54 -0.01	36.30 1.80 0.00	48.59 2.45 0.00	45.11 2.35 0.00	41.59 2.25 -0.03	37.80 2.08 -0.01	37.58 2.08 0.00	25.09 1.38 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.50 1.64 0.00	30.01 1.60 0.00	32.19 1.57 0.00	22.68 1.06 0.00	28.62 1.28 0.00	24.78 1.13 0.00	43.88 2.00 0.00	52.61 2.66 0.00	53.09 2.72 0.00	47.92 2.25 0.00	55.15 2.51 0.00	56.82 2.65 0.00	54.83 2.71 0.00	49.18 2.42 0.00	-29.88 1.53 58.65	-73.01 1.71 99.24	34.30 2.55 0.00	37.40 2.91 0.00	50.02 3.88 0.00	46.43 3.67 0.00	42.62 3.31 0.00	38.75 3.04 0.00	38.46 2.96 0.00	25.53 1.82 0.00
HARSNRAD_115KV_TB1 81005	29.40 -0.46 0.00	27.80 -0.60 0.00	29.87 -0.75 0.00	21.09 -0.53 0.00	26.80 -0.54 0.00	23.37 -0.29 0.00	40.35 -1.39 0.15	47.85 -2.10 0.00	47.98 -2.40 0.00	43.52 -2.15 0.00	50.04 -2.61 0.00	51.90 -2.28 0.00	49.61 -2.52 0.00	44.85 -1.91 0.00	26.06 -1.18 0.00	20.72 -1.00 2.80	25.36 -0.88 5.52	29.88 -1.17 3.45	44.90 -1.23 0.00	41.71 -1.05 0.00	38.39 -0.92 0.00	35.32 -0.39 0.00	35.24 -0.26 0.00	23.82 0.11 0.00
HARZA MOOSE___RIVER 24016	29.78 -0.09 0.00	28.61 0.20 0.00	31.17 0.54 0.00	21.94 0.33 0.00	27.85 0.51 0.00	24.01 0.36 0.00	42.99 1.11 0.00	51.69 1.73 0.00	52.26 1.88 0.00	47.32 1.65 0.00	54.60 1.96 0.00	56.08 1.90 0.00	53.80 1.68 0.00	47.89 1.13 0.00	27.35 0.11 0.00	24.58 0.05 0.00	31.89 0.16 0.02	34.73 0.23 0.00	46.59 0.45 0.00	43.11 0.34 0.00	39.51 0.24 0.04	35.90 0.20 0.01	35.70 0.20 0.00	23.74 0.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.46 -0.40 0.00	28.02 -0.39 0.00	30.20 -0.42 0.00	21.32 -0.30 0.00	26.96 -0.38 0.00	23.35 -0.30 0.00	41.34 -0.54 0.00	49.35 -0.61 0.00	49.73 -0.65 0.00	45.02 -0.65 0.00	51.82 -0.82 0.00	53.31 -0.87 0.00	51.26 -0.87 0.00	46.03 -0.73 0.00	26.83 -0.41 0.00	24.26 -0.26 0.00	31.57 -0.19 0.00	34.34 -0.16 0.00	45.94 -0.19 0.00	42.65 -0.12 0.00	39.18 -0.13 0.00	35.61 -0.09 0.00	35.37 -0.13 0.00	23.60 -0.11 0.00
HELLGATE_13_KV_LD 55870	31.93 2.07 0.00	30.43 2.02 0.00	32.63 2.01 0.00	22.99 1.38 0.00	29.02 1.68 0.00	25.09 1.43 0.00	44.41 2.53 0.00	53.20 3.24 0.00	53.76 3.38 0.00	48.56 2.89 0.00	55.94 3.30 0.00	57.65 3.47 0.00	55.63 3.50 0.00	49.85 3.09 0.00	48.83 1.98 -19.61	59.89 2.16 -33.20	34.92 3.16 0.00	38.02 3.53 0.00	50.60 4.46 0.00	46.95 4.18 0.00	43.09 3.78 0.00	39.26 3.55 0.00	38.98 3.48 0.00	25.88 2.17 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.93 2.07 0.00	30.43 2.02 0.00	32.63 2.01 0.00	22.99 1.38 0.00	29.02 1.68 0.00	25.09 1.43 0.00	44.41 2.53 0.00	53.20 3.24 0.00	53.76 3.38 0.00	48.56 2.89 0.00	55.94 3.30 0.00	57.65 3.47 0.00	55.63 3.50 0.00	49.85 3.09 0.00	48.83 1.98 -19.61	59.89 2.16 -33.20	34.92 3.16 0.00	38.02 3.53 0.00	50.60 4.46 0.00	46.95 4.18 0.00	43.09 3.78 0.00	39.26 3.55 0.00	38.98 3.48 0.00	25.88 2.17 0.00
HEMPSTEAD___ 23647	31.33 1.47 0.00	29.85 1.44 0.00	32.00 1.37 0.00	22.52 0.90 0.00	28.37 1.03 0.00	18.72 0.86 5.80	38.07 1.49 5.30	40.75 2.17 11.37	46.79 2.31 5.89	38.22 1.90 9.34	36.51 2.19 18.33	51.24 2.35 5.29	48.87 2.42 5.66	45.61 2.25 3.39	48.39 1.58 -19.57	59.29 1.73 -33.03	28.68 2.47 5.55	26.86 2.84 10.48	48.31 3.75 1.58	46.24 3.47 0.00	42.38 3.07 0.00	38.53 2.82 0.00	38.28 2.78 0.00	25.45 1.74 0.00
HICKLING___1 23621	30.08 0.22 0.00	28.54 0.13 0.00	30.68 0.06 0.00	21.65 0.04 0.00	27.40 0.06 0.00	23.64 -0.02 0.00	41.62 -0.35 -0.08	49.50 -0.46 0.00	49.66 -0.72 0.00	44.78 -0.89 0.00	51.34 -1.31 0.00	53.12 -1.06 0.00	50.83 -1.29 0.00	45.62 -1.14 0.00	22.31 -0.76 4.17	18.71 -0.54 5.28	33.68 -0.49 -2.41	36.17 -0.19 -1.86	46.47 0.33 0.00	43.37 0.60 0.00	39.76 0.45 0.00	36.28 0.58 0.00	36.15 0.65 0.00	24.11 0.40 0.00
HICKLING___2 23622	30.08 0.22 0.00	28.54 0.13 0.00	30.68 0.06 0.00	21.65 0.04 0.00	27.40 0.06 0.00	23.64 -0.02 0.00	41.62 -0.35 -0.08	49.50 -0.46 0.00	49.66 -0.72 0.00	44.78 -0.89 0.00	51.34 -1.31 0.00	53.12 -1.06 0.00	50.83 -1.29 0.00	45.62 -1.14 0.00	22.31 -0.76 4.17	18.71 -0.54 5.28	33.68 -0.49 -2.41	36.17 -0.19 -1.86	46.47 0.33 0.00	43.37 0.60 0.00	39.76 0.45 0.00	36.28 0.58 0.00	36.15 0.65 0.00	24.11 0.40 0.00
HIGH FALLS___HY 23754	31.62 1.76 0.00	30.09 1.68 0.00	32.30 1.67 0.00	22.75 1.14 0.00	28.68 1.34 0.00	24.79 1.14 0.00	43.97 2.08 0.00	52.79 2.83 0.00	53.27 2.90 0.00	48.06 2.39 0.00	55.36 2.72 0.00	56.90 2.72 0.00	54.79 2.66 0.00	48.92 2.16 0.00	19.10 1.41 9.55	9.95 1.57 16.14	34.23 2.48 0.00	37.37 2.87 0.00	50.03 3.89 0.00	46.69 3.92 0.00	42.87 3.56 0.00	38.97 3.26 0.00	38.65 3.15 0.00	25.64 1.93 0.00
HIGH_RIVER___SOLAR 323847	30.53 0.68 0.00	29.03 0.62 0.00	31.30 0.68 0.00	22.07 0.45 0.00	27.94 0.60 0.00	24.26 0.60 0.00	43.15 1.27 0.00	51.69 1.73 0.00	51.74 1.37 0.00	46.76 1.09 0.00	53.50 0.86 0.00	54.92 0.74 0.00	52.81 0.68 0.00	47.18 0.43 0.00	27.78 0.54 0.00	24.89 0.36 0.00	32.69 0.94 0.00	35.68 1.18 0.00	47.82 1.68 0.00	44.33 1.57 0.00	40.72 1.40 0.00	36.96 1.25 0.00	36.67 1.17 0.00	24.44 0.73 0.00
HILLBURN___GT 23639	31.42 1.56 0.00	29.93 1.53 0.00	32.11 1.49 0.00	22.61 1.00 0.00	28.54 1.20 0.00	24.69 1.04 0.00	43.74 1.86 0.00	52.44 2.49 0.00	52.93 2.55 0.00	47.76 2.09 0.00	54.99 2.34 0.00	56.64 2.46 0.00	54.66 2.53 0.00	49.01 2.25 0.00	-33.64 1.43 62.30	-79.27 1.63 105.43	34.18 2.43 0.00	37.28 2.79 0.00	49.85 3.71 0.00	46.27 3.51 0.00	42.48 3.16 0.00	38.63 2.92 0.00	38.37 2.87 0.00	25.46 1.76 0.00
HILLSIDE_115KV_TB1 80332	29.76 -0.10 0.00	28.28 -0.14 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.10 -0.24 0.00	23.38 -0.27 0.00	41.32 -0.62 -0.06	49.15 -0.81 0.00	49.35 -1.02 0.00	44.47 -1.20 0.00	50.97 -1.68 0.00	52.75 -1.43 0.00	50.51 -1.62 0.00	45.36 -1.40 0.00	22.05 -0.91 4.28	18.01 -0.64 5.88	33.10 -0.60 -1.94	35.56 -0.36 -1.42	46.12 -0.01 0.00	43.03 0.27 0.00	39.41 0.10 0.00	35.98 0.27 0.00	35.85 0.35 0.00	23.87 0.16 0.00

HISHELDN_WT_PWR 323625	29.24 -0.45 0.17	27.69 -0.59 0.13	29.57 -0.74 0.31	20.83 -0.52 0.26	26.48 -0.54 0.32	22.53 -0.58 0.55	38.41 -2.11 1.37	45.40 -2.27 2.29	45.58 -2.50 2.30	42.41 -2.30 0.96	49.74 -2.77 0.13	51.62 -2.36 0.20	49.42 -2.52 0.18	44.43 -2.01 0.32	25.78 -1.25 0.22	7.64 -1.36 15.52	5.16 -1.65 24.95	19.34 -1.63 13.53	43.75 -1.47 0.92	40.88 -1.05 0.84	38.03 -0.83 0.45	35.18 -0.36 0.16	35.21 -0.25 0.04	23.37 0.07 0.41
HOLTSVILLE_IC_1 23690	30.97 1.11 0.00	29.51 1.10 0.00	31.63 1.00 0.00	22.23 0.62 0.00	27.99 0.66 0.00	11.40 0.54 12.80	25.91 0.95 16.92	22.31 1.43 29.07	31.60 1.44 20.21	22.86 1.15 23.95	13.27 1.52 40.89	43.75 1.60 12.03	41.34 1.72 12.50	40.94 1.66 7.48	48.15 1.35 -19.56	58.97 1.47 -32.98	21.55 2.06 12.25	12.88 2.43 24.05	36.68 3.13 12.59	36.52 2.82 9.07	34.58 2.42 7.15	31.50 2.27 6.48	37.79 2.29 0.00	25.20 1.49 0.00
HOLTSVILLE_IC_10 23699	31.10 1.24 0.00	29.62 1.21 0.00	31.75 1.12 0.00	22.32 0.71 0.00	28.10 0.77 0.00	11.66 0.64 12.63	27.21 1.11 15.78	23.61 1.64 27.98	33.31 1.62 18.69	23.94 1.32 23.05	14.13 1.75 40.26	44.14 1.82 11.86	41.69 1.90 12.33	41.22 1.84 7.38	48.28 1.48 -19.56	59.09 1.59 -32.98	21.87 2.20 12.09	13.54 2.60 23.56	38.66 3.36 10.84	38.42 3.03 7.37	36.09 2.59 5.81	32.89 2.44 5.27	37.95 2.45 0.00	25.29 1.58 0.00
HOLTSVILLE_IC_2 23691	30.97 1.11 0.00	29.51 1.10 0.00	31.63 1.00 0.00	22.23 0.62 0.00	27.99 0.66 0.00	11.40 0.54 12.80	25.91 0.95 16.92	22.31 1.43 29.07	31.60 1.44 20.21	22.86 1.15 23.95	13.27 1.52 40.89	43.75 1.60 12.03	41.34 1.72 12.50	40.94 1.66 7.48	48.15 1.35 -19.56	58.97 1.47 -32.98	21.55 2.06 12.25	12.88 2.43 24.05	36.68 3.13 12.59	36.52 2.82 9.07	34.58 2.42 7.15	31.50 2.27 6.48	37.79 2.29 0.00	25.20 1.49 0.00
HOLTSVILLE_IC_3 23692	30.97 1.11 0.00	29.51 1.10 0.00	31.63 1.00 0.00	22.23 0.62 0.00	27.99 0.66 0.00	11.40 0.54 12.80	25.91 0.95 16.92	22.31 1.43 29.07	31.60 1.44 20.21	22.86 1.15 23.95	13.27 1.52 40.89	43.75 1.60 12.03	41.34 1.72 12.50	40.94 1.66 7.48	48.15 1.35 -19.56	58.97 1.47 -32.98	21.55 2.06 12.25	12.88 2.43 24.05	36.68 3.13 12.59	36.52 2.82 9.07	34.58 2.42 7.15	31.50 2.27 6.48	37.79 2.29 0.00	25.20 1.49 0.00
HOLTSVILLE_IC_4 23693	30.97 1.11 0.00	29.51 1.10 0.00	31.63 1.00 0.00	22.23 0.62 0.00	27.99 0.66 0.00	11.40 0.54 12.80	25.91 0.95 16.92	22.31 1.43 29.07	31.60 1.44 20.21	22.86 1.15 23.95	13.27 1.52 40.89	43.75 1.60 12.03	41.34 1.72 12.50	40.94 1.66 7.48	48.15 1.35 -19.56	58.97 1.47 -32.98	21.55 2.06 12.25	12.88 2.43 24.05	36.68 3.13 12.59	36.52 2.82 9.07	34.58 2.42 7.15	31.50 2.27 6.48	37.79 2.29 0.00	25.20 1.49 0.00
HOLTSVILLE_IC_5 23694	30.97 1.11 0.00	29.51 1.10 0.00	31.63 1.00 0.00	22.23 0.62 0.00	27.99 0.66 0.00	11.40 0.54 12.80	25.91 0.95 16.92	22.31 1.43 29.07	31.60 1.44 20.21	22.86 1.15 23.95	13.27 1.52 40.89	43.75 1.60 12.03	41.34 1.72 12.50	40.94 1.66 7.48	48.15 1.35 -19.56	58.97 1.47 -32.98	21.55 2.06 12.25	12.88 2.43 24.05	36.68 3.13 12.59	36.52 2.82 9.07	34.58 2.42 7.15	31.50 2.27 6.48	37.79 2.29 0.00	25.20 1.49 0.00
HOLTSVILLE_IC_6 23695	31.10 1.24 0.00	29.62 1.21 0.00	31.75 1.12 0.00	22.32 0.71 0.00	28.10 0.77 0.00	11.66 0.64 12.63	27.21 1.11 15.78	23.61 1.64 27.98	33.31 1.62 18.69	23.94 1.32 23.05	14.13 1.75 40.26	44.14 1.82 11.86	41.69 1.90 12.33	41.22 1.84 7.38	48.28 1.48 -19.56	59.09 1.59 -32.98	21.87 2.20 12.09	13.54 2.60 23.56	38.66 3.36 10.84	38.42 3.03 7.37	36.09 2.59 5.81	32.89 2.44 5.27	37.95 2.45 0.00	25.29 1.58 0.00
HOLTSVILLE_IC_7 23696	31.10 1.24 0.00	29.62 1.21 0.00	31.75 1.12 0.00	22.32 0.71 0.00	28.10 0.77 0.00	11.66 0.64 12.63	27.21 1.11 15.78	23.61 1.64 27.98	33.31 1.62 18.69	23.94 1.32 23.05	14.13 1.75 40.26	44.14 1.82 11.86	41.69 1.90 12.33	41.22 1.84 7.38	48.28 1.48 -19.56	59.09 1.59 -32.98	21.87 2.20 12.09	13.54 2.60 23.56	38.66 3.36 10.84	38.42 3.03 7.37	36.09 2.59 5.81	32.89 2.44 5.27	37.95 2.45 0.00	25.29 1.58 0.00
HOLTSVILLE_IC_8 23697	31.10 1.24 0.00	29.62 1.21 0.00	31.75 1.12 0.00	22.32 0.71 0.00	28.10 0.77 0.00	11.66 0.64 12.63	27.21 1.11 15.78	23.61 1.64 27.98	33.31 1.62 18.69	23.94 1.32 23.05	14.13 1.75 40.26	44.14 1.82 11.86	41.69 1.90 12.33	41.22 1.84 7.38	48.28 1.48 -19.56	59.09 1.59 -32.98	21.87 2.20 12.09	13.54 2.60 23.56	38.66 3.36 10.84	38.42 3.03 7.37	36.09 2.59 5.81	32.89 2.44 5.27	37.95 2.45 0.00	25.29 1.58 0.00
HOLTSVILLE_IC_9 23698	31.10 1.24 0.00	29.62 1.21 0.00	31.75 1.12 0.00	22.32 0.71 0.00	28.10 0.77 0.00	11.66 0.64 12.63	27.21 1.11 15.78	23.61 1.64 27.98	33.31 1.62 18.69	23.94 1.32 23.05	14.13 1.75 40.26	44.14 1.82 11.86	41.69 1.90 12.33	41.22 1.84 7.38	48.28 1.48 -19.56	59.09 1.59 -32.98	21.87 2.20 12.09	13.54 2.60 23.56	38.66 3.36 10.84	38.42 3.03 7.37	36.09 2.59 5.81	32.89 2.44 5.27	37.95 2.45 0.00	25.29 1.58 0.00
HOMER_HL_115KV_TB2 355744	29.95 0.09 0.00	28.49 0.08 0.00	30.64 0.02 0.00	21.58 -0.04 0.00	27.34 0.00 0.00	23.61 -0.04 0.00	40.97 -0.87 0.05	49.39 -0.57 0.00	49.79 -0.59 0.00	44.72 -0.95 0.00	51.30 -1.34 0.00	53.25 -0.93 0.00	51.01 -1.12 0.00	45.98 -0.77 0.00	23.82 -0.59 2.84	17.89 -0.62 6.02	29.74 -0.61 1.40	33.20 -0.26 1.04	46.48 0.34 0.00	43.30 0.54 0.00	39.79 0.48 0.00	36.32 0.61 0.00	36.33 0.83 0.00	24.45 0.74 0.00
HOWARD_WT_PWR 323690	29.66 -0.20 0.00	28.01 -0.39 0.00	30.18 -0.45 0.00	21.26 -0.35 0.00	26.99 -0.35 0.00	23.02 -0.63 0.00	39.78 -2.69 -0.58	47.51 -3.77 -1.32	47.46 -4.58 -1.66	42.02 -4.34 -0.69	47.36 -5.37 -0.09	48.91 -5.41 -0.14	46.76 -5.50 -0.13	42.04 -4.95 -0.23	20.68 -3.01 3.55	25.50 -2.37 -3.33	49.16 -2.77 -20.19	42.78 -2.53 -10.81	43.83 -2.31 0.00	41.30 -1.47 0.00	37.96 -1.36 0.00	34.67 -1.03 0.00	34.69 -0.82 0.00	23.33 -0.38 0.00
HQ_GEN_CEDARS 23644	29.96 0.10 0.00	28.46 0.05 0.00	30.72 0.09 0.00	21.70 0.09 0.00	27.52 0.18 0.00	23.83 0.18 0.00	42.28 0.40 0.00	50.32 0.36 0.00	50.68 0.31 0.00	46.12 0.45 0.00	53.43 0.78 0.00	54.98 0.80 0.00	52.86 0.73 0.00	47.39 0.63 0.00	27.53 0.29 0.00	24.52 0.00 0.00	31.12 -0.40 0.23	34.00 -0.50 0.00	45.65 -0.49 0.00	42.15 -0.62 0.00	38.24 -0.66 0.41	34.98 -0.64 0.10	34.84 -0.66 0.00	23.29 -0.42 0.00
HQ_GEN_CEDARS_PROXY 323590	29.96 0.10 0.00	28.46 0.05 0.00	30.72 0.09 0.00	21.70 0.09 0.00	27.52 0.18 0.00	23.83 0.18 0.00	42.28 0.40 0.00	50.32 0.36 0.00	50.69 0.31 0.00	46.12 0.45 0.00	53.43 0.78 0.00	54.98 0.80 0.00	52.86 0.73 0.00	47.40 0.64 0.00	27.53 0.29 0.00	24.52 0.00 0.00	31.12 -0.40 0.23	34.00 -0.50 0.00	45.65 -0.48 0.00	42.15 -0.62 0.00	38.23 -0.67 0.41	34.98 -0.64 0.10	34.84 -0.66 0.00	19.14 -0.42 4.15

HQ_GEN_IMPORT 323601	30.34 -0.02 -0.50	28.36 -0.05 0.00	30.58 -0.04 0.00	21.58 -0.03 0.00	27.33 -0.01 0.00	23.66 0.00 0.00	41.93 0.05 0.00	49.95 0.00 0.00	46.22 -0.03 4.13	45.77 0.11 0.00	52.89 0.24 0.00	54.43 0.25 0.00	52.33 0.21 0.00	46.99 0.23 0.00	27.34 0.10 0.00	24.45 -0.07 0.00	31.35 -0.33 0.07	34.11 -0.39 0.00	45.71 -0.43 0.00	42.27 -0.50 0.00	38.65 -0.54 0.13	35.16 -0.51 0.03	34.98 -0.52 0.00	23.36 -0.34 0.00
HQ_GEN_WHEEL 23651	30.34 -0.02 -0.50	28.36 -0.05 0.00	30.58 -0.04 0.00	21.58 -0.03 0.00	27.33 -0.01 0.00	23.66 0.00 0.00	41.93 0.05 0.00	49.95 0.00 0.00	46.22 -0.03 4.13	45.77 0.11 0.00	52.89 0.24 0.00	54.43 0.25 0.00	52.33 0.21 0.00	46.99 0.23 0.00	27.34 0.10 0.00	24.45 -0.07 0.00	31.35 -0.33 0.07	34.11 -0.39 0.00	45.71 -0.43 0.00	42.27 -0.50 0.00	38.65 -0.54 0.13	35.16 -0.51 0.03	34.98 -0.52 0.00	23.36 -0.34 0.00
HUDSON AVE_GT_3 23810	31.73 1.88 0.00	30.24 1.83 0.00	32.43 1.80 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.93 1.28 0.00	44.13 2.25 0.00	52.92 2.96 0.00	53.47 3.10 0.00	48.34 2.68 0.00	55.67 3.03 0.00	57.38 3.20 0.00	55.37 3.24 0.00	49.62 2.86 0.00	48.69 1.81 -19.63	59.76 2.00 -33.24	34.71 2.95 0.00	37.79 3.30 0.00	50.39 4.26 0.00	46.73 3.96 0.00	42.90 3.59 0.00	39.02 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
HUDSON AVE_GT_4 23540	31.73 1.88 0.00	30.24 1.83 0.00	32.43 1.80 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.93 1.28 0.00	44.13 2.25 0.00	52.92 2.96 0.00	53.47 3.10 0.00	48.34 2.68 0.00	55.67 3.03 0.00	57.38 3.20 0.00	55.37 3.24 0.00	49.62 2.86 0.00	48.69 1.81 -19.63	59.76 2.00 -33.24	34.71 2.95 0.00	37.79 3.30 0.00	50.39 4.26 0.00	46.73 3.96 0.00	42.90 3.59 0.00	39.02 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
HUDSON AVE_GT_5 23657	31.73 1.88 0.00	30.24 1.83 0.00	32.43 1.80 0.00	22.84 1.23 0.00	28.83 1.49 0.00	24.93 1.28 0.00	44.13 2.25 0.00	52.92 2.96 0.00	53.47 3.10 0.00	48.34 2.68 0.00	55.67 3.03 0.00	57.38 3.20 0.00	55.37 3.24 0.00	49.62 2.86 0.00	48.69 1.81 -19.63	59.76 2.00 -33.24	34.71 2.95 0.00	37.79 3.30 0.00	50.39 4.26 0.00	46.73 3.96 0.00	42.90 3.59 0.00	39.02 3.31 0.00	38.76 3.26 0.00	25.74 2.03 0.00
HUDSON_AVE_10 24168	31.69 1.84 0.00	30.21 1.80 0.00	32.39 1.76 0.00	22.82 1.20 0.00	28.81 1.47 0.00	24.91 1.26 0.00	44.09 2.21 0.00	52.84 2.89 0.00	53.38 3.00 0.00	48.28 2.61 0.00	55.61 2.97 0.00	57.31 3.14 0.00	55.30 3.18 0.00	49.57 2.81 0.00	48.65 1.78 -19.63	59.74 1.97 -33.24	34.66 2.91 0.00	37.74 3.24 0.00	50.31 4.17 0.00	46.66 3.90 0.00	42.84 3.52 0.00	38.97 3.26 0.00	38.70 3.20 0.00	25.70 1.99 0.00
HUDSON___115KV_TB 4 355613	30.88 1.02 0.00	29.45 1.04 0.00	31.65 1.02 0.00	22.37 0.76 0.00	28.56 1.21 0.00	24.98 1.32 0.00	44.30 2.42 0.00	52.96 3.00 0.00	53.42 3.04 0.00	48.01 2.34 0.00	54.27 1.62 0.00	55.92 1.74 0.00	53.73 1.61 0.00	48.27 1.51 0.00	28.22 0.98 0.00	25.97 1.44 0.00	33.78 2.03 0.00	36.03 1.54 0.00	48.13 1.99 0.00	44.63 1.87 0.00	41.14 1.83 0.00	37.33 1.62 0.00	37.10 1.60 0.00	24.84 1.13 0.00
HUNTER MOUNT___DRP 323613	30.91 1.05 0.00	29.46 1.06 0.00	31.67 1.05 0.00	22.39 0.78 0.00	28.49 1.15 0.00	24.84 1.18 0.00	44.04 2.15 0.00	52.61 2.65 0.00	53.08 2.71 0.00	47.70 2.03 0.00	54.11 1.46 0.00	55.76 1.58 0.00	53.63 1.51 0.00	48.21 1.45 0.00	28.18 0.94 0.00	25.80 1.27 0.00	33.59 1.84 0.00	36.04 1.55 0.00	48.20 2.06 0.00	44.67 1.90 0.00	41.16 1.85 0.00	37.34 1.62 0.00	37.10 1.60 0.00	24.85 1.14 0.00
HUNTINGTON_RES_REC 323705	31.02 1.16 0.00	29.56 1.15 0.00	31.67 1.05 0.00	22.26 0.64 0.00	28.02 0.68 0.00	11.66 0.55 12.55	32.52 0.95 10.32	27.72 1.48 23.71	40.74 1.52 11.15	27.41 1.21 19.47	14.64 1.56 39.56	43.83 1.75 12.09	41.68 1.81 12.25	41.12 1.69 7.33	48.17 1.37 -19.56	59.04 1.53 -32.98	21.87 2.12 12.01	14.52 2.49 22.47	47.98 3.26 1.42	47.74 2.97 -2.00	43.45 2.56 -1.58	39.53 2.39 -1.43	37.87 2.37 0.00	25.23 1.53 0.00
HUNTLEY___63 23557	29.59 -0.27 0.00	27.99 -0.42 0.00	30.09 -0.54 0.00	21.23 -0.38 0.00	27.00 -0.35 0.00	23.56 -0.09 0.00	40.72 -1.02 0.14	48.34 -1.62 0.00	48.42 -1.95 0.00	43.94 -1.73 0.00	50.52 -2.12 0.00	52.40 -1.78 0.00	50.08 -2.04 0.00	45.23 -1.52 0.00	26.29 -0.95 0.00	16.73 -0.80 7.00	25.70 -0.64 5.42	30.18 -0.84 3.47	45.32 -0.82 0.00	42.12 -0.65 0.00	38.72 -0.60 0.00	35.57 -0.13 0.00	35.58 0.08 0.00	24.05 0.34 0.00
HUNTLEY___64 23558	29.59 -0.27 0.00	27.99 -0.42 0.00	30.09 -0.54 0.00	21.23 -0.38 0.00	27.00 -0.35 0.00	23.56 -0.09 0.00	40.72 -1.02 0.14	48.34 -1.62 0.00	48.42 -1.95 0.00	43.94 -1.73 0.00	50.52 -2.12 0.00	52.40 -1.78 0.00	50.08 -2.04 0.00	45.23 -1.52 0.00	26.29 -0.95 0.00	16.73 -0.80 7.00	25.70 -0.64 5.42	30.18 -0.84 3.47	45.32 -0.82 0.00	42.12 -0.65 0.00	38.72 -0.60 0.00	35.57 -0.13 0.00	35.58 0.08 0.00	24.05 0.34 0.00
HUNTLEY___65 23559	29.59 -0.27 0.00	27.99 -0.42 0.00	30.09 -0.54 0.00	21.23 -0.38 0.00	27.00 -0.35 0.00	23.56 -0.09 0.00	40.72 -1.02 0.14	48.34 -1.62 0.00	48.42 -1.95 0.00	43.94 -1.73 0.00	50.52 -2.12 0.00	52.40 -1.78 0.00	50.08 -2.04 0.00	45.23 -1.52 0.00	26.29 -0.95 0.00	16.73 -0.80 7.00	25.70 -0.64 5.42	30.18 -0.84 3.47	45.32 -0.82 0.00	42.12 -0.65 0.00	38.72 -0.60 0.00	35.57 -0.13 0.00	35.58 0.08 0.00	24.05 0.34 0.00
HUNTLEY___66 23560	29.59 -0.27 0.00	27.99 -0.42 0.00	30.09 -0.54 0.00	21.23 -0.38 0.00	27.00 -0.35 0.00	23.56 -0.09 0.00	40.72 -1.02 0.14	48.34 -1.62 0.00	48.42 -1.95 0.00	43.94 -1.73 0.00	50.52 -2.12 0.00	52.40 -1.78 0.00	50.08 -2.04 0.00	45.23 -1.52 0.00	26.29 -0.95 0.00	16.73 -0.80 7.00	25.70 -0.64 5.42	30.18 -0.84 3.47	45.32 -0.82 0.00	42.12 -0.65 0.00	38.72 -0.60 0.00	35.57 -0.13 0.00	35.58 0.08 0.00	24.05 0.34 0.00
HUNTLEY___67 23561	29.38 -0.48 0.00	27.82 -0.59 0.00	29.91 -0.72 0.00	21.09 -0.52 0.00	26.80 -0.54 0.00	23.35 -0.31 0.00	40.37 -1.36 0.15	47.92 -2.04 0.00	48.04 -2.34 0.00	43.51 -2.17 0.00	50.01 -2.64 0.00	51.90 -2.28 0.00	49.66 -2.46 0.00	44.86 -1.90 0.00	26.05 -1.19 0.00	16.30 -1.02 7.21	25.24 -0.95 5.56	29.97 -1.11 3.42	45.04 -1.10 0.00	41.86 -0.90 0.00	38.51 -0.80 0.00	35.38 -0.33 0.00	35.32 -0.17 0.00	23.88 0.17 0.00
HUNTLEY___68 23562	29.38 -0.48 0.00	27.82 -0.59 0.00	29.91 -0.72 0.00	21.09 -0.52 0.00	26.80 -0.54 0.00	23.35 -0.31 0.00	40.37 -1.36 0.15	47.92 -2.04 0.00	48.04 -2.34 0.00	43.51 -2.17 0.00	50.01 -2.64 0.00	51.90 -2.28 0.00	49.66 -2.46 0.00	44.86 -1.90 0.00	26.05 -1.19 0.00	16.30 -1.02 7.21	25.24 -0.95 5.56	29.97 -1.11 3.42	45.04 -1.10 0.00	41.86 -0.90 0.00	38.51 -0.80 0.00	35.38 -0.33 0.00	35.32 -0.17 0.00	23.88 0.17 0.00

HYLAND___LFGE 323620	30.99 1.13 0.00	29.33 0.92 0.00	31.54 0.92 0.00	22.23 0.61 0.00	28.25 0.91 0.00	24.50 0.84 0.00	43.50 1.02 -0.60	51.89 1.27 -0.66	52.05 0.93 -0.75	46.56 0.57 -0.31	52.61 -0.08 -0.04	54.02 -0.22 -0.06	51.37 -0.82 -0.06	46.20 -0.67 -0.10	23.81 -0.52 2.91	29.62 -0.23 -5.32	54.29 -0.27 -22.81	47.24 0.65 -12.10	48.04 1.90 0.00	44.94 2.17 0.00	41.31 2.00 0.00	37.66 1.95 0.00	37.27 1.77 0.00	24.93 1.22 0.00
INDECK___CORINTH 23802	30.97 1.11 0.00	29.55 1.13 0.00	31.75 1.13 0.00	22.42 0.81 0.00	28.39 1.05 0.00	24.42 0.77 0.00	43.38 1.50 0.00	51.76 1.80 0.00	52.29 1.91 0.00	47.37 1.70 0.00	54.49 1.85 0.00	56.16 1.99 0.00	54.14 2.01 0.00	48.33 1.57 0.00	31.92 0.99 -3.69	31.78 1.01 -6.25	33.42 1.66 0.00	36.25 1.76 0.00	48.41 2.28 0.00	44.92 2.15 0.00	41.34 2.03 0.00	37.42 1.71 0.00	37.14 1.64 0.00	24.83 1.12 0.00
INDECK___ILION 23567	30.69 0.83 0.00	29.17 0.76 0.00	31.37 0.75 0.00	22.17 0.56 0.00	28.04 0.70 0.00	24.39 0.74 0.00	43.30 1.42 0.00	51.75 1.79 0.00	52.06 1.69 0.00	47.06 1.39 0.00	53.99 1.35 0.00	55.43 1.25 0.00	53.28 1.15 0.00	47.48 0.73 0.00	27.78 0.54 0.00	25.11 0.58 0.00	32.78 1.02 -0.01	35.68 1.19 0.00	47.73 1.59 0.00	44.30 1.53 0.00	40.81 1.47 -0.03	37.07 1.35 -0.01	36.84 1.34 0.00	24.59 0.88 0.00
INDECK___OLEAN 23982	29.39 0.09 0.56	28.05 0.08 0.44	29.61 0.02 1.03	20.71 -0.04 0.87	26.28 0.01 1.07	21.80 -0.04 1.81	38.97 -0.85 2.06	46.36 -0.56 3.04	46.59 -0.57 3.22	43.38 -0.96 1.34	51.12 -1.34 0.18	53.00 -0.90 0.28	50.81 -1.06 0.26	45.57 -0.74 0.45	23.53 -0.57 3.14	16.97 -0.60 6.96	28.10 -0.53 3.12	29.35 -0.25 4.90	43.41 0.34 3.07	40.51 0.53 2.79	38.31 0.49 1.50	35.77 0.61 0.55	36.18 0.82 0.14	23.09 0.75 1.37
INDECK___OSWEGO 23783	29.07 -0.79 0.00	27.70 -0.71 0.00	29.90 -0.73 0.00	21.09 -0.52 0.00	26.67 -0.67 0.00	23.04 -0.61 0.00	40.62 -1.27 0.00	48.42 -1.54 0.00	48.81 -1.63 -0.06	44.15 -1.52 0.00	50.82 -1.83 0.00	52.28 -1.90 0.00	50.33 -1.79 0.00	45.12 -1.64 0.00	26.27 -0.97 0.00	23.71 -0.82 0.00	30.75 -1.00 0.00	33.44 -1.06 0.00	44.75 -1.39 0.00	41.55 -1.22 0.00	38.23 -1.09 0.00	34.95 -0.76 0.00	34.82 -0.68 0.00	23.24 -0.47 0.00
INDECK___YERKES 23781	29.24 -0.24 0.39	27.71 -0.40 0.30	29.40 -0.51 0.71	20.65 -0.36 0.59	26.28 -0.33 0.73	22.34 -0.07 1.24	39.38 -0.98 1.53	46.31 -1.53 2.12	46.40 -1.86 2.12	43.14 -1.65 0.88	50.47 -2.05 0.12	52.35 -1.65 0.18	50.07 -1.89 0.17	45.05 -1.41 0.30	26.16 -0.87 0.20	16.17 -0.74 7.61	24.69 -0.51 6.56	27.60 -0.79 6.10	43.27 -0.78 2.09	40.24 -0.62 1.90	37.74 -0.55 1.02	35.22 -0.11 0.37	35.52 0.12 0.10	23.14 0.37 0.93
INDIAN POINT_GT_1 24139	31.40 1.55 0.00	29.93 1.52 0.00	32.09 1.46 0.00	22.61 1.00 0.00	28.54 1.19 0.00	24.67 1.02 0.00	43.67 1.79 0.00	52.34 2.38 0.00	52.87 2.50 0.00	47.76 2.09 0.00	54.98 2.34 0.00	56.65 2.47 0.00	54.65 2.53 0.00	48.99 2.24 0.00	50.20 1.43 -21.52	62.59 1.63 -36.44	34.19 2.44 0.00	37.25 2.76 0.00	49.74 3.60 0.00	46.15 3.38 0.00	42.39 3.08 0.00	38.56 2.85 0.00	38.31 2.81 0.00	25.45 1.75 0.00
INDIAN POINT_GT_2 23659	31.40 1.55 0.00	29.93 1.52 0.00	32.09 1.46 0.00	22.61 1.00 0.00	28.54 1.19 0.00	24.67 1.02 0.00	43.67 1.79 0.00	52.34 2.38 0.00	52.87 2.50 0.00	47.76 2.09 0.00	54.98 2.34 0.00	56.65 2.47 0.00	54.65 2.53 0.00	48.99 2.24 0.00	50.20 1.43 -21.52	62.59 1.63 -36.44	34.19 2.44 0.00	37.25 2.76 0.00	49.74 3.60 0.00	46.15 3.38 0.00	42.39 3.08 0.00	38.56 2.85 0.00	38.31 2.81 0.00	25.45 1.75 0.00
INDIAN POINT_GT_3 24019	31.40 1.55 0.00	29.93 1.52 0.00	32.09 1.46 0.00	22.61 1.00 0.00	28.54 1.19 0.00	24.67 1.02 0.00	43.67 1.79 0.00	52.34 2.38 0.00	52.87 2.50 0.00	47.76 2.09 0.00	54.98 2.34 0.00	56.65 2.47 0.00	54.65 2.53 0.00	48.99 2.24 0.00	50.20 1.43 -21.52	62.59 1.63 -36.44	34.19 2.44 0.00	37.25 2.76 0.00	49.74 3.60 0.00	46.15 3.38 0.00	42.39 3.08 0.00	38.56 2.85 0.00	38.31 2.81 0.00	25.45 1.75 0.00
INDIAN POINT___2 23530	31.38 1.52 0.00	29.90 1.49 0.00	32.07 1.45 0.00	22.59 0.98 0.00	28.52 1.17 0.00	24.65 1.00 0.00	43.64 1.76 0.00	52.30 2.34 0.00	52.83 2.45 0.00	47.69 2.02 0.00	54.91 2.27 0.00	56.56 2.38 0.00	54.58 2.45 0.00	48.92 2.17 0.00	55.84 1.39 -27.21	72.19 1.59 -46.07	34.14 2.39 0.00	37.22 2.72 0.00	49.72 3.58 0.00	46.14 3.37 0.00	42.36 3.05 0.00	38.53 2.82 0.00	38.27 2.77 0.00	25.43 1.72 0.00
INDIAN POINT___3 23531	31.38 1.52 0.00	29.90 1.49 0.00	32.07 1.44 0.00	22.60 0.99 0.00	28.52 1.17 0.00	24.65 1.00 0.00	43.64 1.76 0.00	52.30 2.34 0.00	52.82 2.45 0.00	47.71 2.04 0.00	54.94 2.30 0.00	56.60 2.42 0.00	54.61 2.48 0.00	48.95 2.19 0.00	50.64 1.41 -22.00	63.37 1.60 -37.25	34.15 2.40 0.00	37.20 2.70 0.00	49.68 3.54 0.00	46.10 3.33 0.00	42.34 3.02 0.00	38.50 2.79 0.00	38.26 2.76 0.00	25.42 1.71 0.00
INGHAM_C_115KV_TB7 356103	31.78 1.92 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.90 1.29 0.00	28.96 1.62 0.00	25.30 1.65 0.00	44.98 3.10 0.00	53.77 3.81 0.00	53.92 3.54 0.00	48.63 2.96 0.00	55.59 2.95 0.00	56.81 2.63 0.00	54.50 2.37 0.00	48.39 1.63 0.00	28.49 1.25 0.00	25.82 1.29 0.00	33.95 2.18 -0.01	37.04 2.54 0.00	49.59 3.46 0.00	46.08 3.31 0.00	42.49 3.16 -0.03	38.64 2.93 -0.01	38.39 2.89 0.00	25.61 1.91 0.00
IP CORINTH___1 23988	31.13 1.27 0.00	29.70 1.29 0.00	31.91 1.29 0.00	22.54 0.92 0.00	28.54 1.20 0.00	24.57 0.91 0.00	43.62 1.74 0.00	52.06 2.10 0.00	52.59 2.21 0.00	47.64 1.97 0.00	54.79 2.15 0.00	56.48 2.30 0.00	54.44 2.31 0.00	48.60 1.84 0.00	32.08 1.15 -3.69	31.93 1.15 -6.25	33.60 1.85 0.00	36.45 1.96 0.00	48.69 2.55 0.00	45.18 2.41 0.00	41.58 2.27 0.00	37.63 1.92 0.00	37.36 1.86 0.00	24.97 1.27 0.00
IP___TICONDEROGA 23804	32.62 2.76 0.00	31.24 2.83 0.00	33.47 2.85 0.00	23.64 2.03 0.00	30.06 2.72 0.00	25.82 2.16 0.00	46.10 4.22 0.00	54.90 4.94 0.00	55.58 5.21 0.00	50.70 5.03 0.00	57.95 5.31 0.00	59.94 5.76 0.00	57.70 5.57 0.00	51.21 4.45 0.00	33.45 2.49 -3.72	33.17 2.34 -6.30	35.44 3.69 0.00	38.35 3.85 0.00	51.32 5.18 0.00	47.69 4.93 0.00	43.96 4.64 0.00	39.63 3.92 0.00	39.25 3.75 0.00	26.33 2.62 0.00
ISLIP_RES_REC 323679	31.21 1.35 0.00	29.72 1.31 0.00	31.85 1.22 0.00	22.39 0.77 0.00	28.19 0.85 0.00	11.86 0.72 12.51	27.62 1.28 15.55	24.15 1.85 27.65	33.82 1.83 18.39	24.42 1.52 22.77	14.74 1.98 39.88	44.47 2.01 11.71	41.98 2.07 12.22	41.48 2.03 7.31	48.41 1.61 -19.56	59.21 1.70 -32.98	22.14 2.36 11.97	13.94 2.77 23.33	39.15 3.59 10.58	38.87 3.25 7.14	36.46 2.78 5.63	33.20 2.60 5.11	38.10 2.60 0.00	25.38 1.67 0.00

JAMAICA__27_KV_LOAD 355505	31.90 2.04 0.00	30.46 2.04 0.00	32.63 2.01 0.00	22.99 1.37 0.00	29.03 1.68 0.00	25.09 1.44 0.00	44.42 2.54 0.00	53.20 3.24 0.00	53.68 3.30 0.00	48.52 2.85 0.00	55.80 3.15 0.00	57.57 3.39 0.00	55.50 3.38 0.00	49.76 3.01 0.00	48.76 1.89 -19.63	59.85 2.08 -33.24	34.78 3.03 0.00	37.86 3.36 0.00	50.48 4.34 0.00	46.82 4.05 0.00	42.96 3.65 0.00	39.09 3.38 0.00	38.80 3.30 0.00	25.75 2.05 0.00
JANIS__SOLAR 323808	30.44 0.48 -0.10	28.92 0.43 -0.08	31.39 0.57 -0.19	22.20 0.43 -0.16	28.41 0.87 -0.20	25.10 1.12 -0.33	44.35 2.06 -0.41	53.00 2.48 -0.57	53.31 2.36 -0.57	47.95 2.04 -0.24	54.91 2.23 -0.03	55.83 1.60 -0.05	52.81 0.64 -0.05	47.52 0.67 -0.08	23.14 0.22 4.31	18.49 0.45 6.48	34.31 0.89 -1.67	37.30 1.24 -1.57	48.53 1.78 -0.61	45.20 1.88 -0.56	41.15 1.54 -0.30	37.16 1.34 -0.11	36.75 1.23 -0.03	24.71 0.73 -0.27
JARVIS____ 23743	29.98 0.12 0.00	28.55 0.14 0.00	30.78 0.15 0.00	21.72 0.11 0.00	27.47 0.13 0.00	23.77 0.12 0.00	42.09 0.21 0.00	50.26 0.30 0.00	50.69 0.32 0.00	45.91 0.24 0.00	52.86 0.22 0.00	54.40 0.22 0.00	52.34 0.22 0.00	46.91 0.15 0.00	27.32 0.08 0.00	24.66 0.13 0.00	32.03 0.26 -0.01	34.80 0.30 0.00	46.51 0.37 0.00	43.14 0.37 0.00	39.71 0.37 -0.03	36.07 0.35 -0.01	35.86 0.35 0.00	23.94 0.23 0.00
JENNISON____1 23625	29.87 0.01 0.00	28.36 -0.05 0.00	30.87 0.25 0.00	21.95 0.34 0.00	28.56 1.22 0.00	25.52 1.86 0.00	44.95 3.07 0.00	53.31 3.36 0.00	53.66 3.28 0.00	48.70 3.03 0.00	56.30 3.65 0.00	56.14 1.97 0.00	52.40 0.28 0.00	46.91 0.16 0.00	21.51 -0.17 5.55	15.21 0.02 9.34	31.85 0.26 0.16	35.17 0.67 0.00	47.13 1.00 0.00	44.17 1.41 0.00	40.27 0.96 0.00	36.47 0.76 0.00	36.26 0.77 0.00	24.13 0.42 0.00
JENNISON____2 23626	29.87 0.01 0.00	28.36 -0.05 0.00	30.87 0.25 0.00	21.95 0.34 0.00	28.56 1.22 0.00	25.52 1.86 0.00	44.95 3.07 0.00	53.31 3.36 0.00	53.66 3.28 0.00	48.70 3.03 0.00	56.30 3.65 0.00	56.14 1.97 0.00	52.40 0.28 0.00	46.91 0.16 0.00	21.51 -0.17 5.55	15.21 0.02 9.34	31.85 0.26 0.16	35.17 0.67 0.00	47.13 1.00 0.00	44.17 1.41 0.00	40.27 0.96 0.00	36.47 0.76 0.00	36.26 0.77 0.00	24.13 0.42 0.00
JERICOHO_RISE_WT_PWR 323719	29.29 -0.57 0.00	27.73 -0.68 0.00	29.95 -0.68 0.00	21.18 -0.43 0.00	26.82 -0.52 0.00	23.12 -0.53 0.00	41.08 -0.80 0.00	48.73 -1.22 0.00	49.22 -1.15 0.00	45.44 -0.23 0.00	52.96 0.32 0.00	54.57 0.39 0.00	52.57 0.45 0.00	47.19 0.43 0.00	27.43 0.19 0.00	24.42 -0.11 0.00	30.86 -0.66 0.24	33.45 -1.05 0.00	45.08 -1.05 0.00	41.45 -1.31 0.00	37.27 -1.62 0.42	33.94 -1.68 0.10	33.76 -1.74 0.00	22.55 -1.16 0.00
KATONAH__115KV_46KV_TB4 355592	31.49 1.64 0.00	30.00 1.58 0.00	32.18 1.55 0.00	22.68 1.07 0.00	28.62 1.27 0.00	24.75 1.10 0.00	43.83 1.94 0.00	52.51 2.55 0.00	53.07 2.69 0.00	47.97 2.30 0.00	55.22 2.58 0.00	56.88 2.70 0.00	54.88 2.75 0.00	49.19 2.44 0.00	43.09 1.55 -14.30	50.47 1.73 -24.21	34.32 2.57 0.00	37.37 2.87 0.00	49.89 3.75 0.00	46.28 3.51 0.00	42.51 3.19 0.00	38.65 2.94 0.00	38.38 2.88 0.00	25.52 1.82 0.00
KCE_NY_1 323755	31.26 1.40 0.00	29.80 1.39 0.00	32.02 1.40 0.00	22.61 1.00 0.00	28.62 1.28 0.00	24.71 1.05 0.00	43.79 1.91 0.00	52.20 2.24 0.00	52.72 2.35 0.00	47.71 2.04 0.00	54.96 2.32 0.00	56.57 2.39 0.00	54.51 2.38 0.00	48.78 2.02 0.00	32.26 1.26 -3.76	32.18 1.27 -6.38	33.68 1.93 0.00	36.57 2.07 0.00	48.83 2.69 0.00	45.30 2.53 0.00	41.75 2.44 0.00	37.82 2.11 0.00	37.58 2.08 0.00	25.10 1.39 0.00
KCE_NY_6_ESR 323823	29.18 -0.25 0.43	27.70 -0.37 0.34	29.32 -0.51 0.80	20.53 -0.41 0.67	26.12 -0.40 0.82	22.04 -0.21 1.39	38.91 -1.18 1.79	45.79 -1.67 2.50	45.93 -1.93 2.52	42.81 -1.81 1.05	50.22 -2.28 0.14	52.12 -1.83 0.22	49.92 -2.01 0.20	44.87 -1.54 0.35	23.50 -0.99 2.75	14.98 -0.89 8.67	23.10 -0.74 7.92	26.65 -0.87 6.97	43.05 -0.73 2.35	40.18 -0.45 2.14	37.76 -0.40 1.15	35.30 0.01 0.42	35.52 0.13 0.11	23.04 0.38 1.05
KEDC PORT_JEFF_GT2 24210	31.04 1.18 0.00	29.56 1.16 0.00	31.68 1.06 0.00	22.27 0.66 0.00	28.05 0.71 0.00	11.55 0.58 12.69	27.25 1.00 15.63	23.41 1.40 27.94	33.14 1.23 18.46	23.64 0.98 23.01	13.76 1.56 40.44	43.93 1.71 11.95	41.54 1.81 12.39	41.09 1.75 7.42	48.21 1.42 -19.56	59.01 1.51 -32.98	21.72 2.11 12.15	13.37 2.51 23.64	38.83 3.18 10.49	38.59 2.83 7.01	36.21 2.43 5.53	33.03 2.33 5.01	37.88 2.38 0.00	25.24 1.54 0.00
KEDC PORT_JEFF_GT3 24211	31.04 1.18 0.00	29.56 1.16 0.00	31.68 1.06 0.00	22.27 0.66 0.00	28.05 0.71 0.00	11.55 0.58 12.69	27.25 1.00 15.63	23.41 1.40 27.94	33.14 1.23 18.46	23.64 0.98 23.01	13.76 1.56 40.44	43.93 1.71 11.95	41.54 1.81 12.39	41.09 1.75 7.42	48.21 1.42 -19.56	59.01 1.51 -32.98	21.72 2.11 12.15	13.37 2.51 23.64	38.83 3.18 10.49	38.59 2.83 7.01	36.21 2.43 5.53	33.03 2.33 5.01	37.88 2.38 0.00	25.24 1.54 0.00
KEDC_GLWD_GT4 24219	31.56 1.70 0.00	30.07 1.67 0.00	32.24 1.61 0.00	22.70 1.09 0.00	28.61 1.27 0.00	20.89 1.08 3.85	40.26 1.89 3.51	45.01 2.59 7.53	49.21 2.74 3.90	41.78 2.31 6.19	43.15 2.66 12.15	53.50 2.82 3.50	51.23 2.86 3.76	47.11 2.59 2.25	48.55 1.73 -19.58	59.46 1.88 -33.05	30.77 2.70 3.68	30.62 3.07 6.95	49.13 4.04 1.04	46.52 3.75 0.00	42.67 3.36 0.00	38.80 3.09 0.00	38.54 3.05 0.00	25.62 1.91 0.00
KEDC_GLWD_GT5 24220	31.56 1.70 0.00	30.07 1.67 0.00	32.24 1.61 0.00	22.70 1.09 0.00	28.61 1.27 0.00	20.89 1.08 3.85	40.26 1.89 3.51	45.01 2.59 7.53	49.21 2.74 3.90	41.78 2.31 6.19	43.15 2.66 12.15	53.50 2.82 3.50	51.23 2.86 3.76	47.11 2.59 2.25	48.55 1.73 -19.58	59.46 1.88 -33.05	30.77 2.70 3.68	30.62 3.07 6.95	49.13 4.04 1.04	46.52 3.75 0.00	42.67 3.36 0.00	38.80 3.09 0.00	38.54 3.05 0.00	25.62 1.91 0.00
KENSICO____ 23655	31.47 1.61 0.00	29.98 1.57 0.00	32.16 1.53 0.00	22.66 1.05 0.00	28.60 1.25 0.00	24.72 1.07 0.00	43.76 1.87 0.00	52.44 2.49 0.00	52.99 2.62 0.00	47.88 2.22 0.00	55.14 2.50 0.00	56.82 2.64 0.00	54.82 2.69 0.00	49.14 2.38 0.00	49.16 1.52 -20.40	60.77 1.70 -34.54	34.30 2.55 0.00	37.35 2.85 0.00	49.84 3.70 0.00	46.23 3.47 0.00	42.47 3.15 0.00	38.63 2.92 0.00	38.38 2.88 0.00	25.51 1.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.54 1.68 0.00	30.02 1.61 0.00	32.23 1.60 0.00	22.70 1.09 0.00	28.64 1.30 0.00	24.77 1.12 0.00	43.92 2.04 0.00	52.71 2.76 0.00	53.20 2.82 0.00	47.98 2.31 0.00	55.22 2.58 0.00	56.79 2.61 0.00	54.64 2.51 0.00	48.73 1.98 0.00	13.37 1.29 15.16	0.34 1.47 25.65	34.07 2.31 0.00	37.16 2.67 0.00	49.78 3.64 0.00	46.52 3.75 0.00	42.72 3.41 0.00	38.83 3.12 0.00	38.52 3.02 0.00	25.56 1.86 0.00

KIAC_JFK_GT1 23816	31.80 1.94 0.00	30.37 1.96 0.00	32.54 1.91 0.00	22.92 1.31 0.00	28.95 1.61 0.00	25.02 1.36 0.00	44.30 2.42 0.00	53.04 3.09 0.00	53.52 3.15 0.00	48.37 2.71 0.00	55.66 3.02 0.00	57.39 3.21 0.00	55.34 3.22 0.00	49.62 2.86 0.00	48.68 1.81 -19.63	59.77 2.00 -33.24	34.68 2.93 0.00	37.73 3.24 0.00	50.31 4.17 0.00	46.67 3.90 0.00	42.84 3.53 0.00	38.97 3.26 0.00	38.68 3.18 0.00	25.68 1.97 0.00
KIAC_JFK_GT2 23817	31.80 1.94 0.00	30.37 1.96 0.00	32.54 1.91 0.00	22.92 1.31 0.00	28.95 1.61 0.00	25.02 1.36 0.00	44.30 2.42 0.00	53.04 3.09 0.00	53.52 3.15 0.00	48.37 2.71 0.00	55.66 3.02 0.00	57.39 3.21 0.00	55.34 3.22 0.00	49.62 2.86 0.00	48.68 1.81 -19.63	59.77 2.00 -33.24	34.68 2.93 0.00	37.73 3.24 0.00	50.31 4.17 0.00	46.67 3.90 0.00	42.84 3.53 0.00	38.97 3.26 0.00	38.68 3.18 0.00	25.68 1.97 0.00
KIAC_JFK____ 323774	31.80 1.94 0.00	30.37 1.96 0.00	32.54 1.91 0.00	22.93 1.31 0.00	28.95 1.60 0.00	25.02 1.37 0.00	44.29 2.41 0.00	53.04 3.08 0.00	53.52 3.15 0.00	48.36 2.70 0.00	55.65 3.00 0.00	57.38 3.21 0.00	55.34 3.22 0.00	49.61 2.86 0.00	48.68 1.81 -19.63	59.77 2.00 -33.24	34.67 2.92 0.00	37.73 3.24 0.00	50.31 4.17 0.00	46.67 3.90 0.00	42.84 3.52 0.00	38.97 3.26 0.00	38.68 3.18 0.00	25.68 1.97 0.00
KINTIGH__24_KV_GSU 356498	29.18 -0.35 0.33	27.69 -0.46 0.26	29.46 -0.56 0.61	20.71 -0.39 0.51	26.33 -0.38 0.63	22.42 -0.17 1.06	39.54 -1.03 1.31	46.59 -1.58 1.79	46.73 -1.86 1.79	43.16 -1.77 0.74	50.38 -2.16 0.10	52.21 -1.81 0.15	50.04 -1.95 0.14	45.03 -1.48 0.25	26.15 -0.92 0.17	21.21 -0.79 2.53	26.21 -0.65 4.89	28.96 -0.83 4.70	43.52 -0.82 1.80	40.44 -0.69 1.64	37.82 -0.62 0.88	35.18 -0.21 0.32	35.35 -0.07 0.08	23.10 0.20 0.80
KINTIGH____ 23543	29.50 -0.37 0.00	27.92 -0.49 0.00	30.05 -0.58 0.00	21.20 -0.41 0.00	26.95 -0.40 0.00	23.46 -0.19 0.00	40.71 -1.07 0.10	48.30 -1.66 0.00	48.45 -1.92 0.00	43.84 -1.83 0.00	50.44 -2.20 0.00	52.27 -1.91 0.00	50.06 -2.07 0.00	45.20 -1.56 0.00	26.25 -0.98 0.00	21.70 -0.84 1.99	27.11 -0.76 3.89	31.17 -0.89 2.44	45.30 -0.84 0.00	42.05 -0.71 0.00	38.66 -0.65 0.00	35.47 -0.24 0.00	35.40 -0.09 0.00	23.89 0.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.40 -0.46 0.00	27.74 -0.67 0.00	29.85 -0.78 0.00	21.13 -0.48 0.00	26.71 -0.63 0.00	23.02 -0.63 0.00	40.98 -0.90 0.00	48.36 -1.59 0.00	48.77 -1.61 0.00	45.31 -0.36 0.00	53.22 0.58 0.00	54.90 0.72 0.00	53.18 1.05 0.00	47.70 0.94 0.00	27.79 0.55 0.00	24.71 0.18 0.00	31.15 -0.37 0.24	33.59 -0.91 0.00	45.22 -0.91 0.00	41.51 -1.26 0.00	37.12 -1.76 0.43	33.76 -1.85 0.10	33.55 -1.95 0.00	22.37 -1.34 0.00
LACHUTE____HYDRO 323717	32.62 2.76 0.00	31.24 2.83 0.00	33.47 2.85 0.00	23.64 2.03 0.00	30.06 2.72 0.00	25.82 2.16 0.00	46.10 4.22 0.00	54.90 4.94 0.00	55.58 5.20 0.00	50.69 5.02 0.00	57.95 5.31 0.00	59.95 5.76 0.00	57.70 5.57 0.00	51.21 4.45 0.00	33.45 2.49 -3.72	33.17 2.34 -6.30	35.44 3.69 0.00	38.35 3.85 0.00	51.32 5.18 0.00	47.69 4.92 0.00	43.95 4.64 0.00	39.63 3.92 0.00	39.25 3.75 0.00	26.33 2.62 0.00
LAWRNCV_115KV_TB1 80681	30.01 0.15 0.00	28.57 0.15 0.00	30.91 0.28 0.00	21.82 0.20 0.00	27.68 0.34 0.00	23.94 0.28 0.00	42.61 0.72 0.00	50.71 0.75 0.00	51.10 0.72 0.00	46.53 0.86 0.00	54.11 1.47 0.00	55.65 1.47 0.00	53.44 1.32 0.00	47.80 1.04 0.00	27.65 0.41 0.00	24.54 0.01 0.00	31.24 -0.32 0.19	33.94 -0.56 0.00	45.66 -0.48 0.00	42.13 -0.64 0.00	38.41 -0.56 0.34	35.17 -0.46 0.08	34.99 -0.51 0.00	23.36 -0.35 0.00
LEDERLE____ 23769	31.55 1.69 0.00	30.05 1.64 0.00	32.24 1.61 0.00	22.70 1.09 0.00	28.65 1.31 0.00	24.84 1.18 0.00	44.05 2.17 0.00	52.83 2.87 0.00	53.22 2.85 0.00	48.05 2.38 0.00	55.32 2.68 0.00	56.99 2.81 0.00	54.99 2.86 0.00	49.31 2.56 0.00	-36.72 1.60 65.56	-84.64 1.78 110.95	34.36 2.60 0.00	37.46 2.96 0.00	50.06 3.93 0.00	46.46 3.69 0.00	42.66 3.35 0.00	38.79 3.08 0.00	38.52 3.02 0.00	25.56 1.85 0.00
LIGHTHSE_115KV_TB6 355974	29.32 -0.54 0.00	28.10 -0.31 0.00	30.49 -0.14 0.00	21.49 -0.13 0.00	27.16 -0.18 0.00	23.42 -0.23 0.00	41.61 -0.27 0.00	49.95 -0.01 0.00	50.48 0.07 -0.03	45.66 -0.01 0.00	52.59 -0.05 0.00	54.03 -0.15 0.00	51.90 -0.22 0.00	46.33 -0.42 0.00	26.73 -0.50 0.00	24.13 -0.40 0.00	31.24 -0.49 0.01	34.05 -0.45 0.00	45.63 -0.50 0.00	42.32 -0.44 0.00	38.84 -0.45 0.03	35.42 -0.28 0.01	35.19 -0.31 0.00	23.44 -0.27 0.00
LINDEN COGEN____ 23786	31.58 1.71 0.00	30.09 1.68 0.00	32.26 1.63 0.00	22.72 1.11 0.00	28.68 1.34 0.00	24.80 1.14 0.00	43.90 2.02 0.00	52.63 2.67 0.00	53.15 2.77 0.00	48.03 2.36 0.00	55.32 2.67 0.00	56.99 2.81 0.00	54.98 2.86 0.00	49.26 2.51 0.00	48.48 1.61 -19.63	59.59 1.82 -33.24	34.49 2.74 0.00	37.59 3.09 0.00	50.12 3.98 0.00	46.49 3.73 0.00	42.67 3.36 0.00	38.84 3.13 0.00	38.59 3.09 0.00	25.62 1.91 0.00
LINDHRST_69_KV_BK1 356055	31.61 1.75 0.00	30.10 1.70 0.00	32.26 1.63 0.00	22.68 1.06 0.00	28.56 1.22 0.00	14.61 1.01 10.05	33.53 1.80 10.15	32.06 2.54 20.44	41.54 2.71 11.54	31.09 2.23 16.80	23.39 2.59 31.85	47.78 2.79 9.19	45.17 2.86 9.82	43.56 2.67 5.87	48.71 1.91 -19.56	59.54 2.02 -33.00	24.96 2.83 9.62	19.37 3.20 18.33	46.03 4.31 4.43	45.07 3.98 1.68	41.47 3.48 1.32	37.72 3.21 1.20	38.65 3.15 0.00	25.69 1.98 0.00
LIPA_MISC_IPP 23656	30.91 1.05 0.00	29.44 1.03 0.00	31.56 0.93 0.00	22.18 0.56 0.00	27.92 0.58 0.00	11.37 0.49 12.77	26.08 0.88 16.69	22.41 1.32 28.86	31.83 1.36 19.90	22.98 1.09 23.77	13.31 1.46 40.79	43.65 1.48 12.01	41.29 1.64 12.48	40.90 1.61 7.47	48.10 1.30 -19.56	58.93 1.43 -32.98	21.56 2.04 12.23	12.90 2.37 23.96	37.00 3.09 12.23	36.82 2.76 8.72	34.79 2.35 6.87	31.68 2.20 6.23	37.70 2.20 0.00	25.12 1.41 0.00
LISF____SOLAR 323691	30.95 1.09 0.00	29.48 1.07 0.00	31.59 0.96 0.00	22.21 0.59 0.00	27.96 0.63 0.00	11.43 0.52 12.74	26.34 0.95 16.49	22.72 1.43 28.66	32.20 1.45 19.63	23.19 1.13 23.61	13.47 1.49 40.67	43.65 1.45 11.97	41.25 1.57 12.45	40.90 1.59 7.45	48.14 1.34 -19.56	58.96 1.45 -32.98	21.58 2.02 12.20	13.05 2.43 23.87	37.35 3.14 11.92	37.17 2.82 8.41	35.08 2.40 6.63	31.94 2.24 6.01	37.74 2.24 0.00	25.14 1.44 0.00
LITTLE FALLS____HYD 24013	31.78 1.92 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.90 1.29 0.00	28.96 1.62 0.00	25.30 1.65 0.00	44.98 3.10 0.00	53.77 3.81 0.00	53.92 3.54 0.00	48.63 2.96 0.00	55.59 2.95 0.00	56.81 2.63 0.00	54.50 2.37 0.00	48.39 1.63 0.00	28.49 1.25 0.00	25.82 1.29 0.00	33.95 2.18 -0.01	37.04 2.54 0.00	49.59 3.46 0.00	46.08 3.31 0.00	42.49 3.16 -0.03	38.64 2.93 -0.01	38.39 2.89 0.00	25.61 1.91 0.00

LITTLRIV_115KV_TB1 356100	30.43 0.57 0.00	28.95 0.54 0.00	31.31 0.68 0.00	22.10 0.49 0.00	28.07 0.73 0.00	24.29 0.63 0.00	43.30 1.42 0.00	51.54 1.59 0.00	51.89 1.51 0.00	47.20 1.53 0.00	54.92 2.28 0.00	56.45 2.28 0.00	54.13 2.00 0.00	48.33 1.57 0.00	28.01 0.77 0.00	24.86 0.34 0.00	31.70 0.13 0.19	34.48 -0.02 0.00	46.45 0.31 0.00	42.83 0.06 0.00	39.02 0.04 0.33	35.70 0.07 0.08	35.49 -0.02 0.00	23.67 -0.04 0.00
LI_NEWBRDGE___DRP 323616	31.17 1.31 0.00	29.70 1.29 0.00	31.84 1.21 0.00	22.39 0.78 0.00	28.21 0.87 0.00	10.61 0.72 13.76	30.54 1.24 12.58	24.80 1.82 26.97	38.36 1.97 13.98	25.09 1.59 22.16	11.07 1.92 43.49	43.75 2.12 12.54	40.85 2.16 13.44	40.69 1.97 8.04	48.23 1.43 -19.56	59.09 1.60 -32.97	20.89 2.31 13.17	12.24 2.61 24.86	45.82 3.44 3.76	45.95 3.18 0.00	42.11 2.79 0.00	38.31 2.60 0.00	38.07 2.57 0.00	25.34 1.63 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.41 -0.45 0.00	27.81 -0.60 0.00	29.88 -0.75 0.00	21.09 -0.53 0.00	26.79 -0.55 0.00	23.37 -0.29 0.00	40.39 -1.36 0.13	47.88 -2.08 0.00	47.99 -2.38 0.00	43.58 -2.09 0.00	50.10 -2.55 0.00	51.94 -2.24 0.00	49.63 -2.49 0.00	44.88 -1.88 0.00	26.07 -1.17 0.00	21.01 -0.97 2.54	25.96 -0.81 4.97	30.23 -1.14 3.13	44.93 -1.21 0.00	41.73 -1.03 0.00	38.39 -0.92 0.00	35.32 -0.39 0.00	35.25 -0.25 0.00	23.82 0.11 0.00
LOCKPORT___CC1 323769	29.06 -0.46 0.34	27.55 -0.59 0.26	29.25 -0.75 0.62	20.57 -0.53 0.52	26.16 -0.54 0.64	22.28 -0.29 1.08	39.12 -1.37 1.39	45.96 -2.05 1.95	46.07 -2.36 1.95	42.76 -2.10 0.81	49.95 -2.58 0.11	51.81 -2.21 0.17	49.56 -2.41 0.15	44.65 -1.84 0.27	25.93 -1.12 0.18	20.20 -0.97 3.36	24.43 -0.79 6.53	27.60 -1.15 5.74	43.08 -1.24 1.83	40.05 -1.06 1.66	37.50 -0.93 0.89	34.99 -0.39 0.33	35.16 -0.26 0.08	23.01 0.12 0.81
LOCKPORT___CC2 323770	29.06 -0.46 0.34	27.55 -0.59 0.26	29.25 -0.75 0.62	20.57 -0.53 0.52	26.16 -0.54 0.64	22.28 -0.29 1.08	39.12 -1.37 1.39	45.96 -2.05 1.95	46.07 -2.36 1.95	42.76 -2.10 0.81	49.95 -2.58 0.11	51.81 -2.21 0.17	49.56 -2.41 0.15	44.65 -1.84 0.27	25.93 -1.12 0.18	20.20 -0.97 3.36	24.43 -0.79 6.53	27.60 -1.15 5.74	43.08 -1.24 1.83	40.05 -1.06 1.66	37.50 -0.93 0.89	34.99 -0.39 0.33	35.16 -0.26 0.08	23.01 0.12 0.81
LOCKPORT___CC3 323771	29.06 -0.46 0.34	27.55 -0.59 0.26	29.25 -0.75 0.62	20.57 -0.53 0.52	26.16 -0.54 0.64	22.28 -0.29 1.08	39.12 -1.37 1.39	45.96 -2.05 1.95	46.07 -2.36 1.95	42.76 -2.10 0.81	49.95 -2.58 0.11	51.81 -2.21 0.17	49.56 -2.41 0.15	44.65 -1.84 0.27	25.93 -1.12 0.18	20.20 -0.97 3.36	24.43 -0.79 6.53	27.60 -1.15 5.74	43.08 -1.24 1.83	40.05 -1.06 1.66	37.50 -0.93 0.89	34.99 -0.39 0.33	35.16 -0.26 0.08	23.01 0.12 0.81
LOCUSVLY_69_KV_BK2 55797	31.50 1.64 0.00	30.00 1.59 0.00	32.16 1.53 0.00	22.63 1.02 0.00	28.52 1.18 0.00	18.54 0.98 6.10	39.15 1.75 4.49	41.26 2.42 11.12	48.27 2.59 4.70	38.70 2.16 9.13	36.00 2.54 19.19	51.37 2.76 5.56	48.96 2.79 5.96	45.72 2.53 3.56	48.52 1.71 -19.57	59.42 1.86 -33.03	28.57 2.65 5.84	26.67 3.01 10.83	50.36 3.99 -0.23	48.34 3.68 -1.89	44.08 3.28 -1.49	40.07 3.01 -1.35	38.47 2.97 0.00	25.57 1.87 0.00
LONG_LAKE_PHOENIX 24014	29.22 -0.64 0.00	27.81 -0.60 0.00	29.99 -0.64 0.00	21.16 -0.45 0.00	26.76 -0.58 0.00	23.16 -0.49 0.00	40.98 -0.90 0.00	48.93 -1.03 0.00	49.75 -0.67 -0.05	45.00 -0.67 0.00	51.39 -1.25 0.00	52.89 -1.29 0.00	50.85 -1.27 0.00	45.62 -1.14 0.00	26.59 -0.65 0.00	24.03 -0.50 0.00	31.20 -0.55 0.00	33.97 -0.53 0.00	45.44 -0.70 0.00	42.19 -0.57 0.00	38.77 -0.54 0.00	35.27 -0.44 0.00	35.05 -0.45 0.00	23.39 -0.31 0.00
LOVETT___3 23632	31.38 1.52 0.00	29.90 1.49 0.00	32.07 1.44 0.00	22.59 0.98 0.00	28.51 1.17 0.00	24.64 0.98 0.00	43.69 1.81 0.00	52.35 2.40 0.00	52.91 2.54 0.00	47.79 2.13 0.00	55.03 2.39 0.00	56.70 2.52 0.00	54.70 2.58 0.00	49.04 2.28 0.00	-38.43 1.45 67.12	-87.42 1.64 113.58	34.14 2.38 0.00	37.20 2.70 0.00	49.70 3.56 0.00	46.11 3.34 0.00	42.35 3.04 0.00	38.52 2.81 0.00	38.27 2.77 0.00	25.42 1.71 0.00
LOVETT___4 23642	31.38 1.52 0.00	29.90 1.49 0.00	32.07 1.44 0.00	22.59 0.98 0.00	28.51 1.17 0.00	24.64 0.98 0.00	43.69 1.81 0.00	52.35 2.40 0.00	52.91 2.54 0.00	47.79 2.13 0.00	55.03 2.39 0.00	56.70 2.52 0.00	54.70 2.58 0.00	49.04 2.28 0.00	-38.43 1.45 67.12	-87.42 1.64 113.58	34.14 2.38 0.00	37.20 2.70 0.00	49.70 3.56 0.00	46.11 3.34 0.00	42.35 3.04 0.00	38.52 2.81 0.00	38.27 2.77 0.00	25.42 1.71 0.00
LOVETT___5 23593	31.38 1.52 0.00	29.90 1.49 0.00	32.07 1.44 0.00	22.59 0.98 0.00	28.51 1.17 0.00	24.64 0.98 0.00	43.69 1.81 0.00	52.35 2.40 0.00	52.91 2.54 0.00	47.79 2.13 0.00	55.03 2.39 0.00	56.70 2.52 0.00	54.70 2.58 0.00	49.04 2.28 0.00	-38.43 1.45 67.12	-87.42 1.64 113.58	34.14 2.38 0.00	37.20 2.70 0.00	49.70 3.56 0.00	46.11 3.34 0.00	42.35 3.04 0.00	38.52 2.81 0.00	38.27 2.77 0.00	25.42 1.71 0.00
LOWER RAQUET___HYD 24057	30.03 0.17 0.00	28.61 0.19 0.00	30.97 0.35 0.00	21.85 0.23 0.00	27.73 0.39 0.00	23.97 0.32 0.00	42.72 0.84 0.00	50.84 0.89 0.00	51.24 0.86 0.00	46.68 1.01 0.00	54.33 1.69 0.00	55.87 1.69 0.00	53.63 1.51 0.00	47.93 1.17 0.00	27.69 0.45 0.00	24.55 0.02 0.00	31.27 -0.31 0.18	33.93 -0.57 0.00	45.67 -0.47 0.00	42.11 -0.66 0.00	38.46 -0.54 0.32	35.23 -0.41 0.07	35.04 -0.46 0.00	23.37 -0.33 0.00
LOWER___HUDSON 24059	30.96 1.09 0.00	29.50 1.09 0.00	31.70 1.08 0.00	22.39 0.77 0.00	28.31 0.96 0.00	24.43 0.77 0.00	43.18 1.30 0.00	51.51 1.55 0.00	52.06 1.69 0.00	47.10 1.43 0.00	54.28 1.63 0.00	55.89 1.71 0.00	53.91 1.79 0.00	48.24 1.48 0.00	32.37 0.93 -4.20	32.64 1.00 -7.12	33.28 1.53 0.00	36.08 1.59 0.00	48.10 1.96 0.00	44.66 1.89 0.00	41.21 1.90 0.00	37.38 1.67 0.00	37.20 1.70 0.00	24.89 1.18 0.00
LOWVILLE_115KV_TB2 356335	29.37 -0.49 0.00	28.39 -0.02 0.00	31.13 0.50 0.00	21.87 0.26 0.00	27.80 0.46 0.00	23.89 0.23 0.00	42.99 1.10 0.00	51.88 1.93 0.00	52.48 2.09 -0.01	47.54 1.87 0.00	54.95 2.31 0.00	56.37 2.19 0.00	54.02 1.90 0.00	47.89 1.13 0.00	27.02 -0.22 0.00	24.21 -0.31 0.00	31.36 -0.35 0.04	34.17 -0.32 0.00	45.92 -0.21 0.00	42.46 -0.31 0.00	38.85 -0.38 0.07	35.33 -0.37 0.02	35.18 -0.33 0.00	23.35 -0.35 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.25 1.39 0.00	29.78 1.37 0.00	32.02 1.40 0.00	22.61 1.00 0.00	28.61 1.26 0.00	24.70 1.04 0.00	43.75 1.87 0.00	52.18 2.23 0.00	52.70 2.32 0.00	47.67 2.00 0.00	54.91 2.27 0.00	56.54 2.37 0.00	54.48 2.35 0.00	48.75 1.99 0.00	32.25 1.25 -3.76	32.16 1.26 -6.38	33.66 1.90 0.00	36.54 2.04 0.00	48.78 2.65 0.00	45.25 2.49 0.00	41.69 2.38 0.00	37.79 2.09 0.00	37.55 2.05 0.00	25.09 1.38 0.00

LUTHERNY_35_KV_BK2 355980	31.26 1.40 0.00	29.80 1.39 0.00	32.02 1.40 0.00	22.61 1.00 0.00	28.62 1.28 0.00	24.71 1.05 0.00	43.79 1.91 0.00	52.20 2.24 0.00	52.72 2.34 0.00	47.71 2.05 0.00	54.97 2.33 0.00	56.57 2.39 0.00	54.50 2.38 0.00	48.78 2.02 0.00	32.26 1.26 -3.76	32.18 1.27 -6.38	33.68 1.93 0.00	36.57 2.07 0.00	48.83 2.69 0.00	45.30 2.53 0.00	41.75 2.44 0.00	37.82 2.11 0.00	37.58 2.08 0.00	25.10 1.39 0.00
LWR___OSWEGATCHIE_HYD 23850	29.72 -0.14 0.00	28.52 0.11 0.00	31.08 0.45 0.00	21.88 0.27 0.00	27.77 0.43 0.00	23.92 0.26 0.00	42.82 0.94 0.00	51.37 1.42 0.00	51.87 1.48 -0.01	47.11 1.45 0.00	54.64 2.00 0.00	56.11 1.93 0.00	53.79 1.67 0.00	47.88 1.13 0.00	27.36 0.12 0.00	24.40 -0.12 0.00	31.28 -0.35 0.12	34.02 -0.48 0.00	45.76 -0.38 0.00	42.26 -0.51 0.00	38.62 -0.48 0.21	35.32 -0.34 0.05	35.14 -0.36 0.00	23.38 -0.33 0.00
LYONS_FALL_HYD 23570	29.78 -0.09 0.00	28.61 0.20 0.00	31.17 0.54 0.00	21.94 0.33 0.00	27.85 0.51 0.00	24.01 0.36 0.00	42.99 1.11 0.00	51.69 1.73 0.00	52.25 1.87 0.00	47.32 1.65 0.00	54.60 1.96 0.00	56.08 1.90 0.00	53.80 1.67 0.00	47.89 1.13 0.00	27.35 0.11 0.00	24.58 0.05 0.00	31.89 0.16 0.02	34.73 0.24 0.00	46.59 0.45 0.00	43.11 0.34 0.00	39.51 0.24 0.04	35.90 0.20 0.01	35.70 0.20 0.00	23.74 0.03 0.00
MADISON___COUNTY_LFGE 323628	30.38 0.52 0.00	28.95 0.55 0.00	31.31 0.68 0.00	22.12 0.51 0.00	28.02 0.68 0.00	24.28 0.63 0.00	43.18 1.30 0.00	51.66 1.70 0.00	52.14 1.77 0.00	47.16 1.49 0.00	54.22 1.58 0.00	55.76 1.58 0.00	53.57 1.45 0.00	47.98 1.22 0.00	27.86 0.62 0.00	25.16 0.64 0.00	32.77 1.02 0.00	35.68 1.18 0.00	47.69 1.56 0.00	44.17 1.40 0.00	40.54 1.23 0.00	36.79 1.08 0.00	36.52 1.02 0.00	24.32 0.61 0.00
MALONE___115KV_TB1 356076	29.77 -0.09 0.00	28.19 -0.22 0.00	30.48 -0.14 0.00	21.56 -0.05 0.00	27.30 -0.04 0.00	23.57 -0.09 0.00	41.95 0.07 0.00	49.88 -0.07 0.00	50.37 0.00 0.00	46.32 0.65 0.00	53.94 1.30 0.00	55.55 1.37 0.00	53.49 1.36 0.00	47.94 1.18 0.00	27.81 0.57 0.00	24.75 0.23 0.00	31.38 -0.15 0.22	34.03 -0.46 0.00	45.94 -0.20 0.00	42.25 -0.52 0.00	38.10 -0.82 0.40	34.73 -0.89 0.09	34.50 -1.00 0.00	23.02 -0.69 0.00
MAPLEWOD_115KV_TB3 80458	30.79 0.93 0.00	29.36 0.95 0.00	31.56 0.93 0.00	22.30 0.69 0.00	28.14 0.80 0.00	24.33 0.67 0.00	42.95 1.07 0.00	51.31 1.36 0.00	51.88 1.50 0.00	46.90 1.24 0.00	54.02 1.37 0.00	55.61 1.43 0.00	53.63 1.51 0.00	48.08 1.32 0.00	32.24 0.85 -4.16	32.51 0.93 -7.05	33.14 1.39 0.00	35.96 1.47 0.00	47.94 1.80 0.00	44.50 1.73 0.00	41.05 1.74 0.00	37.25 1.55 0.00	37.07 1.57 0.00	24.81 1.10 0.00
MAPLE_RIDGE_WT_1 323574	29.05 -0.81 0.00	27.68 -0.73 0.00	30.05 -0.58 0.00	21.17 -0.44 0.00	27.06 -0.28 0.00	23.39 -0.26 0.00	41.63 -0.25 0.00	49.88 -0.08 0.00	50.34 -0.04 0.00	45.66 -0.01 0.00	52.73 0.08 0.00	54.23 0.05 0.00	52.18 0.06 0.00	46.60 -0.15 0.00	26.59 -0.65 0.00	20.60 -0.78 3.14	30.22 -0.97 0.55	33.37 -1.13 0.00	44.85 -1.29 0.00	41.42 -1.35 0.00	36.99 -1.34 0.98	34.30 -1.18 0.23	34.45 -1.05 0.00	22.95 -0.76 0.00
MAPLE_RIDGE_WT_2 323611	29.05 -0.81 0.00	27.68 -0.73 0.00	30.05 -0.58 0.00	21.17 -0.44 0.00	27.06 -0.28 0.00	23.39 -0.26 0.00	41.63 -0.25 0.00	49.88 -0.08 0.00	50.34 -0.04 0.00	45.66 -0.01 0.00	52.73 0.08 0.00	54.23 0.05 0.00	52.18 0.06 0.00	46.60 -0.15 0.00	26.59 -0.65 0.00	20.60 -0.78 3.14	30.22 -0.97 0.55	33.37 -1.13 0.00	44.85 -1.29 0.00	41.42 -1.35 0.00	36.99 -1.34 0.98	34.30 -1.18 0.23	34.45 -1.05 0.00	22.95 -0.76 0.00
MARBLE_RIVER_WT_PWR 323696	28.85 -1.01 0.00	27.11 -1.30 0.00	29.08 -1.55 0.00	20.62 -1.00 0.00	25.97 -1.38 0.00	22.30 -1.36 0.00	39.80 -2.08 0.00	40.44 -3.25 6.26	47.16 -3.22 0.00	44.43 -1.24 0.00	52.78 0.13 0.00	54.55 0.37 0.00	52.85 0.73 0.00	47.48 0.72 0.00	27.64 0.40 0.00	24.53 0.01 0.00	30.67 -0.84 0.24	32.74 -1.76 0.00	44.00 -2.14 0.00	40.22 -2.55 0.00	21.14 -3.18 14.99	-24.25 -3.22 56.74	-24.26 -3.29 56.47	-24.10 -2.24 45.57
MARSHVLE_115KV_TB1 80742	29.80 -0.06 0.00	28.29 -0.12 0.00	30.56 -0.06 0.00	21.52 -0.10 0.00	27.30 -0.04 0.00	23.80 0.14 0.00	42.50 0.61 0.00	50.95 0.99 0.00	51.18 0.80 0.00	46.18 0.51 0.00	53.08 0.44 0.00	54.55 0.37 0.00	52.29 0.16 0.00	46.57 -0.19 0.00	27.37 0.13 0.00	24.51 -0.02 0.00	31.89 0.14 0.00	34.76 0.26 0.00	46.58 0.44 0.00	43.15 0.38 0.00	39.56 0.25 0.00	35.95 0.24 0.00	35.65 0.14 0.00	23.74 0.03 0.00
MARSH_HILL_WT_PWR 323713	29.67 -0.19 0.00	28.03 -0.38 0.00	30.18 -0.45 0.00	21.28 -0.34 0.00	27.00 -0.34 0.00	23.03 -0.63 0.00	39.84 -2.65 -0.61	47.55 -3.69 -1.28	47.57 -4.46 -1.66	42.11 -4.25 -0.69	47.46 -5.27 -0.09	49.02 -5.30 -0.14	46.87 -5.39 -0.13	42.14 -4.85 -0.23	20.74 -2.97 3.53	26.42 -2.32 -4.21	51.11 -2.70 -22.07	43.84 -2.45 -11.79	43.93 -2.21 0.00	41.35 -1.42 0.00	38.00 -1.31 0.00	34.72 -0.99 0.00	34.69 -0.81 0.00	23.34 -0.37 0.00
MCINTYRE_115KV_TB2 80467	30.59 0.73 0.00	29.07 0.67 0.00	31.40 0.77 0.00	22.18 0.56 0.00	28.17 0.83 0.00	24.41 0.75 0.00	43.48 1.59 0.00	51.75 1.80 0.00	52.06 1.69 0.00	47.28 1.61 0.00	54.99 2.35 0.00	56.51 2.34 0.00	54.14 2.02 0.00	48.40 1.64 0.00	28.10 0.86 0.00	24.97 0.45 0.00	31.84 0.28 0.20	34.72 0.23 0.00	46.76 0.63 0.00	43.12 0.35 0.00	39.22 0.26 0.35	35.83 0.20 0.08	35.63 0.12 0.00	23.77 0.06 0.00
MECO_____69_KV_BK1 80468	30.68 0.82 0.00	29.14 0.74 0.00	31.46 0.83 0.00	22.15 0.54 0.00	28.09 0.75 0.00	24.44 0.78 0.00	43.59 1.71 0.00	52.29 2.33 0.00	52.38 2.00 0.00	47.23 1.56 0.00	54.19 1.55 0.00	55.38 1.20 0.00	53.30 1.17 0.00	47.51 0.75 0.00	28.06 0.82 0.00	25.16 0.63 0.00	32.98 1.22 0.00	35.99 1.50 0.00	48.29 2.15 0.00	44.76 2.00 0.00	41.05 1.74 0.00	37.22 1.51 0.00	36.87 1.37 0.00	24.55 0.84 0.00
MENANDS___115KV_TB5 355628	30.65 0.79 0.00	29.24 0.83 0.00	31.40 0.78 0.00	22.20 0.59 0.00	28.00 0.66 0.00	24.20 0.55 0.00	42.72 0.84 0.00	51.05 1.10 0.00	51.64 1.26 0.00	46.69 1.02 0.00	53.78 1.14 0.00	55.39 1.21 0.00	53.43 1.31 0.00	47.87 1.12 0.00	32.14 0.71 -4.19	32.45 0.82 -7.10	33.01 1.25 0.00	35.80 1.30 0.00	47.71 1.57 0.00	44.28 1.52 0.00	40.87 1.56 0.00	37.10 1.39 0.00	36.92 1.42 0.00	24.73 1.02 0.00
MG INDUSTRY___DRP 24185	30.65 0.79 0.00	29.22 0.81 0.00	31.46 0.83 0.00	22.23 0.61 0.00	28.04 0.70 0.00	24.24 0.58 0.00	42.80 0.91 0.00	50.93 0.98 0.00	51.39 1.02 0.00	46.43 0.77 0.00	53.26 0.61 0.00	54.83 0.65 0.00	52.94 0.81 0.00	47.44 0.69 0.00	30.51 0.48 -2.78	29.87 0.62 -4.72	32.74 0.99 0.00	35.59 1.09 0.00	47.46 1.32 0.00	44.02 1.26 0.00	40.62 1.31 0.00	36.90 1.19 0.00	36.73 1.23 0.00	24.60 0.89 0.00

MID___OSWEGATCHIE_HYD 23849	29.72 -0.14 0.00	28.52 0.11 0.00	31.08 0.45 0.00	21.88 0.27 0.00	27.77 0.43 0.00	23.92 0.26 0.00	42.82 0.94 0.00	51.37 1.42 0.00	51.87 1.48 0.00	47.11 1.45 0.00	54.64 2.00 0.00	56.11 1.93 0.00	53.79 1.67 0.00	47.88 1.13 0.00	27.36 0.12 0.00	24.40 -0.12 0.00	31.28 -0.35 0.12	34.02 -0.48 0.00	45.76 -0.38 0.00	42.26 -0.51 0.00	38.62 -0.48 0.21	35.32 -0.34 0.05	35.14 -0.36 0.00	23.38 -0.33 0.00
MID___RAQUETTE_HYD 23851	30.03 0.17 0.00	28.60 0.19 0.00	30.97 0.35 0.00	21.85 0.23 0.00	27.73 0.39 0.00	23.97 0.32 0.00	42.72 0.84 0.00	50.84 0.88 0.00	51.24 0.86 0.00	46.67 1.01 0.00	54.33 1.69 0.00	55.88 1.70 0.00	53.63 1.50 0.00	47.93 1.17 0.00	27.68 0.45 0.00	24.55 0.02 0.00	31.27 -0.31 0.18	33.93 -0.57 0.00	45.67 -0.47 0.00	42.11 -0.66 0.00	38.46 -0.54 0.32	35.23 -0.41 0.07	35.04 -0.46 0.00	23.37 -0.33 0.00
MILLIKEN___1 23584	30.18 0.32 0.00	28.70 0.29 0.00	30.95 0.32 0.00	21.84 0.23 0.00	27.67 0.33 0.00	23.99 0.34 0.00	42.59 0.67 -0.04	50.74 0.78 0.00	51.08 0.70 -0.01	46.18 0.51 0.00	53.09 0.45 0.00	54.61 0.43 0.00	52.31 0.19 0.00	47.00 0.24 0.00	24.05 0.11 3.30	20.02 0.29 4.79	33.81 0.58 -1.48	36.16 0.78 -0.89	47.30 1.16 0.00	43.98 1.21 0.00	40.30 0.99 0.00	36.66 0.95 0.00	36.40 0.90 0.00	24.25 0.54 0.00
MILLIKEN___2 23585	30.18 0.32 0.00	28.70 0.29 0.00	30.95 0.32 0.00	21.84 0.23 0.00	27.67 0.33 0.00	23.99 0.34 0.00	42.59 0.67 -0.04	50.74 0.78 0.00	51.08 0.70 -0.01	46.18 0.51 0.00	53.09 0.45 0.00	54.61 0.43 0.00	52.31 0.19 0.00	47.00 0.24 0.00	24.05 0.11 3.30	20.02 0.29 4.79	33.81 0.58 -1.48	36.16 0.78 -0.89	47.30 1.16 0.00	43.98 1.21 0.00	40.30 0.99 0.00	36.66 0.95 0.00	36.40 0.90 0.00	24.25 0.54 0.00
MILLIKEN___DIESEL 23629	30.18 0.32 0.00	28.70 0.29 0.00	30.95 0.32 0.00	21.84 0.23 0.00	27.67 0.33 0.00	23.99 0.34 0.00	42.59 0.67 -0.04	50.74 0.78 0.00	51.08 0.70 -0.01	46.18 0.51 0.00	53.09 0.45 0.00	54.61 0.43 0.00	52.31 0.19 0.00	47.00 0.24 0.00	24.05 0.11 3.30	20.02 0.29 4.79	33.81 0.58 -1.48	36.16 0.78 -0.89	47.30 1.16 0.00	43.98 1.21 0.00	40.30 0.99 0.00	36.66 0.95 0.00	36.40 0.90 0.00	24.25 0.54 0.00
MILLSEAT___LFGE 323607	29.55 0.00 0.30	28.01 -0.16 0.24	29.79 -0.28 0.56	20.96 -0.19 0.47	26.65 -0.12 0.57	22.79 0.11 0.97	40.22 -0.44 1.22	47.49 -0.77 1.70	47.62 -1.05 1.70	44.08 -0.89 0.71	51.37 -1.18 0.10	53.08 -0.96 0.15	50.67 -1.32 0.13	45.69 -0.84 0.24	26.53 -0.54 0.16	21.42 -0.52 2.59	26.64 -0.15 4.97	29.43 -0.41 4.66	44.43 -0.07 1.64	41.29 0.02 1.50	38.52 0.01 0.80	35.80 0.38 0.29	35.85 0.42 0.07	23.47 0.49 0.73
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.43 1.57 0.00	29.93 1.53 0.00	32.11 1.48 0.00	22.62 1.01 0.00	28.55 1.21 0.00	24.69 1.03 0.00	43.69 1.81 0.00	52.36 2.41 0.00	52.90 2.53 0.00	47.79 2.13 0.00	55.02 2.38 0.00	56.70 2.52 0.00	54.70 2.58 0.00	49.03 2.28 0.00	49.53 1.46 -20.83	61.44 1.64 -35.27	34.22 2.47 0.00	37.26 2.77 0.00	49.75 3.61 0.00	46.15 3.38 0.00	42.39 3.08 0.00	38.55 2.84 0.00	38.31 2.81 0.00	25.46 1.75 0.00
MILLWOOD_13_KV_LOAD 356217	31.49 1.63 0.00	30.00 1.58 0.00	32.18 1.55 0.00	22.67 1.05 0.00	28.61 1.27 0.00	24.74 1.09 0.00	43.79 1.91 0.00	52.49 2.53 0.00	53.04 2.66 0.00	47.91 2.24 0.00	55.14 2.50 0.00	56.82 2.65 0.00	54.82 2.69 0.00	49.15 2.38 0.00	49.59 1.52 -20.83	61.50 1.70 -35.27	34.30 2.55 0.00	37.35 2.86 0.00	49.88 3.74 0.00	46.29 3.52 0.00	42.52 3.20 0.00	38.65 2.94 0.00	38.38 2.89 0.00	25.51 1.81 0.00
MODEL_CITY_ENERGY 24167	28.81 -0.69 0.36	27.32 -0.81 0.28	28.95 -1.01 0.66	20.35 -0.70 0.56	25.87 -0.79 0.69	22.01 -0.49 1.16	38.69 -1.73 1.47	45.37 -2.55 2.04	45.48 -2.86 2.04	42.31 -2.51 0.85	49.48 -3.04 0.12	51.31 -2.69 0.18	49.08 -2.88 0.16	44.23 -2.25 0.28	25.68 -1.36 0.19	20.18 -1.12 3.23	24.54 -0.92 6.28	27.36 -1.43 5.71	42.45 -1.73 1.96	39.45 -1.53 1.79	36.99 -1.37 0.96	34.63 -0.73 0.35	34.81 -0.60 0.09	22.72 -0.11 0.87
MODERN_LFGE___ 323580	28.81 -0.69 0.36	27.32 -0.81 0.28	28.95 -1.01 0.66	20.35 -0.70 0.56	25.87 -0.79 0.69	22.01 -0.49 1.16	38.69 -1.73 1.47	45.37 -2.55 2.04	45.48 -2.86 2.04	42.31 -2.51 0.85	49.48 -3.04 0.12	51.31 -2.69 0.18	49.08 -2.88 0.16	44.23 -2.25 0.28	25.68 -1.36 0.19	20.18 -1.12 3.23	24.54 -0.92 6.28	27.36 -1.43 5.71	42.45 -1.73 1.96	39.45 -1.53 1.79	36.99 -1.37 0.96	34.63 -0.73 0.35	34.81 -0.60 0.09	22.72 -0.11 0.87
MOHAWK_PAPER___DRP 24187	30.79 0.93 0.00	29.36 0.95 0.00	31.56 0.93 0.00	22.30 0.69 0.00	28.14 0.80 0.00	24.33 0.67 0.00	42.95 1.07 0.00	51.31 1.36 0.00	51.88 1.50 0.00	46.90 1.24 0.00	54.02 1.37 0.00	55.61 1.43 0.00	53.63 1.51 0.00	48.08 1.32 0.00	32.24 0.85 -4.16	32.51 0.93 -7.05	33.14 1.39 0.00	35.96 1.47 0.00	47.94 1.80 0.00	44.50 1.73 0.00	41.05 1.74 0.00	37.25 1.55 0.00	37.07 1.57 0.00	24.81 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	31.39 1.53 0.00	29.95 1.54 0.00	32.18 1.55 0.00	22.73 1.12 0.00	28.79 1.45 0.00	24.79 1.14 0.00	44.03 2.15 0.00	52.51 2.55 0.00	53.06 2.69 0.00	48.08 2.41 0.00	55.29 2.65 0.00	57.01 2.83 0.00	54.94 2.82 0.00	49.01 2.26 0.00	32.37 1.39 -3.74	32.23 1.37 -6.33	33.92 2.17 0.00	36.77 2.28 0.00	49.11 2.98 0.00	45.57 2.80 0.00	41.96 2.65 0.00	37.98 2.27 0.00	37.71 2.20 0.00	25.22 1.51 0.00
MONGAUP___HYD 23641	31.57 1.71 0.00	30.06 1.65 0.00	32.26 1.64 0.00	22.73 1.12 0.00	28.71 1.37 0.00	24.84 1.18 0.00	44.02 2.13 0.00	52.75 2.80 0.00	53.17 2.80 0.00	47.68 2.01 0.00	54.99 2.35 0.00	56.67 2.49 0.00	54.62 2.49 0.00	48.81 2.06 0.00	-25.88 1.33 54.45	-66.05 1.56 92.14	34.16 2.40 0.00	37.29 2.79 0.00	49.96 3.83 0.00	46.39 3.62 0.00	42.62 3.31 0.00	38.73 3.02 0.00	38.50 3.00 0.00	25.56 1.85 0.00
MONTAUK___DIESEL 23721	29.92 0.06 0.00	28.48 0.07 0.00	30.54 -0.09 0.00	21.47 -0.14 0.00	27.03 -0.30 0.00	10.63 -0.26 12.76	25.00 -0.28 16.60	21.16 -0.03 28.77	30.69 0.09 19.78	21.96 0.00 23.70	12.44 0.54 40.74	43.34 1.16 11.99	42.80 3.14 12.47	42.25 2.95 7.46	48.87 2.07 -19.56	59.67 2.17 -32.98	22.63 3.09 12.21	14.16 3.60 23.92	38.87 4.82 12.09	38.50 4.32 8.58	36.26 3.71 6.76	32.94 3.36 6.13	38.78 3.28 0.00	25.78 2.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.64 -1.22 0.00	27.64 -0.77 0.00	29.40 -1.23 0.00	20.48 -1.13 0.00	25.70 -1.64 0.00	22.41 -1.24 0.00	39.35 -2.42 0.11	47.05 -2.91 0.00	47.11 -3.26 0.00	42.69 -2.98 0.00	49.38 -3.26 0.00	51.32 -2.86 0.00	49.15 -2.98 0.00	44.03 -2.72 0.00	22.75 -1.83 2.66	15.95 -1.58 7.00	26.06 -1.54 4.15	30.69 -1.20 2.60	45.64 -0.49 0.00	42.64 -0.13 0.00	39.14 -0.18 0.00	36.02 0.31 0.00	35.84 0.34 0.00	24.21 0.50 0.00

MORRIS_RIDGE___SOLAR 323848	29.53 -0.33 0.00	27.95 -0.46 0.00	30.03 -0.60 0.00	21.19 -0.42 0.00	26.92 -0.42 0.00	23.09 -0.56 0.00	30.33 -2.08 9.47	-46.10 -2.42 93.63	-49.49 -2.78 97.09	-45.26 -2.75 88.18	-51.02 -3.49 100.16	-53.29 -3.40 104.07	-32.73 -3.57 81.29	-33.10 -3.21 76.65	-42.17 -1.97 67.43	-22.14 -1.62 45.05	-7.00 -1.94 36.81	12.97 -1.72 19.80	44.70 -1.44 0.00	41.83 -0.94 0.00	38.53 -0.78 0.00	35.31 -0.40 0.00	35.20 -0.30 0.00	23.67 -0.04 0.00
MORTIMER_115KV_TB3 55949	29.76 -0.09 0.00	28.22 -0.19 0.00	30.39 -0.24 0.00	21.44 -0.17 0.00	27.21 -0.13 0.00	23.67 0.01 0.00	41.63 -0.25 0.00	49.54 -0.42 0.00	49.83 -0.55 0.00	45.13 -0.54 0.00	51.96 -0.69 0.00	53.61 -0.56 0.00	51.37 -0.75 0.00	46.29 -0.47 0.00	26.91 -0.32 0.00	24.29 -0.24 0.00	31.97 -0.09 -0.30	34.44 -0.06 0.00	46.35 0.21 0.00	43.02 0.25 0.00	39.48 0.17 0.00	36.00 0.30 0.00	35.79 0.28 0.00	23.98 0.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.64 1.78 0.00	30.15 1.74 0.00	32.33 1.70 0.00	22.77 1.16 0.00	28.74 1.40 0.00	24.86 1.20 0.00	44.00 2.12 0.00	52.73 2.78 0.00	53.29 2.92 0.00	48.16 2.50 0.00	55.46 2.82 0.00	57.15 2.97 0.00	55.15 3.02 0.00	49.43 2.67 0.00	48.53 1.70 -19.59	59.59 1.89 -33.17	34.55 2.80 0.00	37.63 3.13 0.00	50.17 4.03 0.00	46.54 3.77 0.00	42.72 3.41 0.00	38.87 3.16 0.00	38.61 3.11 0.00	25.65 1.94 0.00
MUNSVILLE_WIND_PWR 323609	30.46 0.51 -0.09	28.98 0.49 -0.07	31.61 0.82 -0.17	22.38 0.62 -0.14	29.02 1.50 -0.17	25.94 2.00 -0.30	45.87 3.62 -0.36	54.75 4.29 -0.50	55.07 4.19 -0.50	49.60 3.73 -0.21	56.91 4.24 -0.03	57.12 2.90 -0.04	53.24 1.08 -0.04	47.59 0.76 -0.07	22.56 0.23 4.91	17.31 0.45 7.66	33.88 0.92 -1.21	37.15 1.32 -1.33	48.77 2.06 -0.57	45.57 2.28 -0.52	41.44 1.85 -0.28	37.34 1.53 -0.10	36.87 1.34 -0.03	24.76 0.80 -0.26
N SALMON___HYD 24042	29.77 -0.09 0.00	28.19 -0.22 0.00	30.48 -0.14 0.00	21.56 -0.05 0.00	27.30 -0.04 0.00	23.57 -0.09 0.00	41.95 0.07 0.00	49.88 -0.07 0.00	50.37 0.00 0.00	46.32 0.65 0.00	53.94 1.30 0.00	55.54 1.37 0.00	53.48 1.36 0.00	47.94 1.18 0.00	27.81 0.57 0.00	24.75 0.23 0.00	31.38 -0.15 0.22	34.03 -0.46 0.00	45.94 -0.20 0.00	42.25 -0.52 0.00	38.10 -0.82 0.40	34.73 -0.89 0.09	34.51 -0.99 0.00	23.02 -0.69 0.00
N.AKRON__115KV_KNAPP 355671	29.75 -0.11 0.00	28.14 -0.27 0.00	30.24 -0.39 0.00	21.34 -0.27 0.00	27.12 -0.22 0.00	23.67 0.01 0.00	41.06 -0.71 0.12	48.78 -1.17 0.00	48.94 -1.44 0.00	44.43 -1.24 0.00	51.07 -1.57 0.00	52.87 -1.32 0.00	50.47 -1.66 0.00	45.61 -1.15 0.00	26.49 -0.75 0.00	21.60 -0.65 2.28	26.95 -0.38 4.42	31.07 -0.62 2.80	45.75 -0.39 0.00	42.49 -0.27 0.00	39.06 -0.25 0.00	35.89 0.18 0.00	35.76 0.25 0.00	24.11 0.40 0.00
N.E_GEN_SANDY PD 24062	31.54 1.18 -0.50	29.61 1.18 -0.02	31.75 1.13 0.01	22.42 0.81 0.00	28.33 0.99 0.00	24.44 0.79 0.00	43.54 1.27 -0.39	50.61 1.52 0.87	47.95 1.70 4.13	47.11 1.45 0.00	54.28 1.63 0.00	55.91 1.73 0.00	53.99 1.87 0.00	48.28 1.52 0.00	35.99 0.96 -7.79	38.81 1.09 -13.20	33.75 1.67 -0.33	35.80 1.76 0.46	48.32 2.18 0.00	43.96 2.09 0.90	42.65 2.11 -1.22	37.60 1.89 0.00	37.41 1.91 0.00	25.18 1.32 -0.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.43 1.57 0.00	29.95 1.54 0.00	32.12 1.49 0.00	22.62 1.01 0.00	28.55 1.21 0.00	24.70 1.04 0.00	43.83 1.94 0.00	52.54 2.58 0.00	53.03 2.66 0.00	47.90 2.23 0.00	55.16 2.51 0.00	56.83 2.65 0.00	54.83 2.71 0.00	49.17 2.41 0.00	-37.40 1.51 66.15	-85.72 1.70 111.95	34.19 2.44 0.00	37.27 2.77 0.00	49.82 3.68 0.00	46.23 3.47 0.00	42.44 3.13 0.00	38.60 2.89 0.00	38.34 2.84 0.00	25.46 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	31.81 1.95 0.00	30.29 1.88 0.00	32.48 1.86 0.00	22.89 1.28 0.00	28.89 1.55 0.00	24.98 1.32 0.00	44.28 2.40 0.00	53.08 3.12 0.00	53.62 3.25 0.00	48.40 2.73 0.00	55.78 3.14 0.00	57.51 3.34 0.00	55.48 3.36 0.00	49.72 2.96 0.00	48.76 1.91 -19.61	59.79 2.06 -33.20	34.79 3.04 0.00	37.88 3.39 0.00	50.48 4.34 0.00	46.87 4.10 0.00	43.03 3.71 0.00	39.16 3.46 0.00	38.86 3.36 0.00	25.80 2.09 0.00
N.TROY___115KV_TB1 355778	30.96 1.10 0.00	29.50 1.09 0.00	31.70 1.07 0.00	22.39 0.78 0.00	28.31 0.96 0.00	24.43 0.77 0.00	43.18 1.30 0.00	51.51 1.55 0.00	52.06 1.69 0.00	47.11 1.44 0.00	54.28 1.63 0.00	55.90 1.72 0.00	53.92 1.79 0.00	48.23 1.48 0.00	32.36 0.93 -4.20	32.64 1.00 -7.12	33.29 1.54 0.00	36.09 1.59 0.00	48.10 1.96 0.00	44.66 1.89 0.00	41.21 1.90 0.00	37.38 1.66 0.00	37.20 1.70 0.00	24.89 1.18 0.00
NARROWS_GT1_1 24228	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT1_2 24229	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT1_3 24230	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT1_4 24231	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT1_5 24232	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00

NARROWS_GT1_6 24233	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT1_7 24234	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT1_8 24235	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_1 24236	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_2 24237	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_3 24238	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_4 24239	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_5 24240	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_6 24241	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_7 24242	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NARROWS_GT2_8 24243	31.76 1.91 0.00	30.26 1.86 0.00	32.45 1.82 0.00	22.85 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.13 2.25 0.00	52.89 2.94 0.00	53.49 3.11 0.00	48.28 2.61 0.00	55.63 2.99 0.00	57.31 3.14 0.00	55.30 3.17 0.00	49.56 2.80 0.00	48.68 1.83 -19.61	59.76 2.03 -33.20	34.72 2.97 0.00	37.82 3.33 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.91 1.05 0.00	29.46 1.06 0.00	31.67 1.05 0.00	22.39 0.78 0.00	28.49 1.15 0.00	24.84 1.18 0.00	44.04 2.15 0.00	52.61 2.65 0.00	53.08 2.71 0.00	47.70 2.03 0.00	54.11 1.46 0.00	55.76 1.58 0.00	53.63 1.51 0.00	48.21 1.45 0.00	28.18 0.94 0.00	25.80 1.27 0.00	33.59 1.84 0.00	36.04 1.55 0.00	48.20 2.06 0.00	44.67 1.90 0.00	41.16 1.85 0.00	37.34 1.62 0.00	37.10 1.60 0.00	24.85 1.14 0.00
NCHELSEA_115KV_TR2 355582	31.58 1.72 0.00	30.07 1.67 0.00	32.28 1.65 0.00	22.75 1.14 0.00	28.71 1.37 0.00	24.84 1.18 0.00	43.97 2.09 0.00	52.72 2.77 0.00	53.24 2.86 0.00	48.08 2.41 0.00	55.33 2.69 0.00	56.97 2.79 0.00	54.98 2.85 0.00	49.26 2.51 0.00	23.80 1.61 5.05	17.76 1.76 8.53	34.39 2.64 0.00	37.44 2.95 0.00	50.02 3.88 0.00	46.40 3.63 0.00	42.64 3.33 0.00	38.76 3.04 0.00	38.47 2.97 0.00	25.60 1.89 0.00
NEG CAPITAL____MECHNVIL 23645	31.28 1.42 0.00	29.80 1.39 0.00	32.03 1.41 0.00	22.62 1.01 0.00	28.62 1.28 0.00	24.71 1.06 0.00	43.78 1.90 0.00	52.25 2.30 0.00	52.77 2.39 0.00	47.72 2.06 0.00	54.99 2.35 0.00	56.61 2.43 0.00	54.57 2.44 0.00	48.83 2.07 0.00	32.45 1.30 -3.90	32.45 1.31 -6.62	33.72 1.96 0.00	36.61 2.11 0.00	48.86 2.72 0.00	45.33 2.56 0.00	41.77 2.46 0.00	37.84 2.13 0.00	37.60 2.09 0.00	25.13 1.42 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.00 -0.76 0.10	27.54 -0.79 0.08	29.57 -0.87 0.19	20.83 -0.62 0.16	26.43 -0.72 0.20	22.82 -0.50 0.33	40.45 -1.05 0.38	48.12 -1.31 0.53	48.44 -1.42 0.52	44.12 -1.33 0.22	51.04 -1.57 0.03	52.61 -1.53 0.05	50.51 -1.58 0.04	45.42 -1.26 0.07	26.45 -0.75 0.05	23.74 -0.62 0.16	31.07 -0.58 0.10	33.24 -0.55 0.71	44.97 -0.61 0.57	41.75 -0.50 0.51	38.46 -0.58 0.28	35.17 -0.44 0.10	35.00 -0.48 0.03	23.20 -0.26 0.25

NEG CENTRAL___DRP 24199	29.82 -0.04 0.00	28.32 -0.09 0.00	30.49 -0.13 0.00	21.52 -0.10 0.00	27.26 -0.09 0.00	23.60 -0.05 0.00	41.71 -0.22 -0.05	49.69 -0.27 0.00	49.97 -0.42 -0.01	45.18 -0.49 0.00	51.95 -0.69 0.00	53.51 -0.66 0.00	51.34 -0.79 0.00	46.06 -0.69 0.00	26.87 -0.36 0.00	25.31 -0.17 -0.95	33.90 -0.07 -2.22	35.71 0.05 -1.17	46.44 0.30 0.00	43.21 0.44 0.00	39.62 0.30 0.00	36.11 0.40 0.00	35.89 0.39 0.00	23.94 0.23 0.00
NEG CENTRAL___INDECK 23768	30.58 0.72 0.00	28.95 0.54 0.00	31.13 0.51 0.00	21.95 0.34 0.00	27.89 0.55 0.00	24.16 0.50 0.00	42.83 0.35 -0.60	51.01 0.39 -0.67	51.25 0.11 -0.76	45.94 -0.05 -0.32	52.20 -0.48 -0.04	53.71 -0.54 -0.07	51.34 -0.84 -0.06	46.20 -0.67 -0.11	23.80 -0.52 2.91	29.56 -0.33 -5.36	54.37 -0.29 -22.91	46.94 0.29 -12.15	47.26 1.12 0.00	44.15 1.39 0.00	40.60 1.28 0.00	37.01 1.30 0.00	36.70 1.19 0.00	24.57 0.87 0.00
NEG CENTRAL___SENECA 23627	29.95 0.09 0.00	28.42 0.01 0.00	30.60 -0.03 0.00	21.59 -0.02 0.00	27.35 0.01 0.00	23.70 0.04 0.00	41.75 -0.21 -0.08	49.74 -0.21 0.00	49.96 -0.42 -0.01	45.19 -0.48 0.00	51.93 -0.71 0.00	53.55 -0.63 0.00	51.31 -0.81 0.00	45.99 -0.76 0.00	26.85 -0.39 0.00	25.83 -0.19 -1.49	35.11 -0.10 -3.45	36.37 0.05 -1.82	46.55 0.41 0.00	43.33 0.56 0.00	39.73 0.41 0.00	36.25 0.54 0.00	36.07 0.57 0.00	24.06 0.35 0.00
NEG CENTRAL___STATE_STREET 24147	29.96 0.10 0.00	28.46 0.04 0.00	30.68 0.06 0.00	21.66 0.05 0.00	27.42 0.08 0.00	23.70 0.05 0.00	42.07 0.19 0.00	50.01 0.06 0.00	50.34 -0.05 -0.02	45.50 -0.17 0.00	52.35 -0.30 0.00	53.89 -0.29 0.00	51.73 -0.40 0.00	46.45 -0.31 0.00	27.08 -0.16 0.00	24.56 0.03 0.00	32.15 0.28 -0.11	34.89 0.39 0.00	46.74 0.60 0.00	43.46 0.69 0.00	39.76 0.45 0.00	36.28 0.57 0.00	36.03 0.53 0.00	24.01 0.30 0.00
NEG MILLWOOD___DRP 24198	31.61 1.75 0.00	30.10 1.69 0.00	32.29 1.66 0.00	22.76 1.15 0.00	28.72 1.38 0.00	24.85 1.19 0.00	44.01 2.13 0.00	52.77 2.81 0.00	53.32 2.94 0.00	48.18 2.51 0.00	55.44 2.80 0.00	57.10 2.92 0.00	55.07 2.95 0.00	49.38 2.62 0.00	34.52 1.68 -5.60	35.84 1.82 -9.50	34.47 2.72 0.00	37.53 3.03 0.00	50.13 3.99 0.00	46.50 3.73 0.00	42.71 3.40 0.00	38.82 3.11 0.00	38.53 3.03 0.00	25.62 1.92 0.00
NEG NORTH_FLCN_SEA 23793	29.19 -0.67 0.00	27.53 -0.88 0.00	29.57 -1.06 0.00	20.95 -0.67 0.00	26.45 -0.89 0.00	22.78 -0.88 0.00	40.51 -1.38 0.00	47.61 -2.35 0.00	48.02 -2.35 0.00	44.76 -0.91 0.00	52.74 0.09 0.00	54.47 0.29 0.00	52.73 0.61 0.00	47.34 0.58 0.00	27.63 0.39 0.00	24.51 -0.02 0.00	30.81 -0.70 0.24	33.13 -1.37 0.00	44.56 -1.58 0.00	40.86 -1.91 0.00	36.49 -2.39 0.43	33.22 -2.39 0.10	33.05 -2.45 0.00	22.05 -1.66 0.00
NEG NORTH_KES_CHATEGAY 23792	29.34 -0.51 0.00	27.76 -0.65 0.00	30.00 -0.62 0.00	21.23 -0.39 0.00	26.85 -0.49 0.00	23.14 -0.52 0.00	41.15 -0.73 0.00	48.82 -1.13 0.00	49.29 -1.09 0.00	45.44 -0.23 0.00	52.99 0.34 0.00	54.58 0.40 0.00	52.60 0.48 0.00	47.24 0.48 0.00	27.45 0.21 0.00	24.45 -0.08 0.00	30.92 -0.59 0.24	33.51 -0.98 0.00	45.22 -0.91 0.00	41.56 -1.21 0.00	37.34 -1.55 0.42	33.99 -1.62 0.10	33.81 -1.69 0.00	22.57 -1.14 0.00
NEG NORTH___ALICE_FALLS 23915	29.40 -0.46 0.00	27.74 -0.67 0.00	29.85 -0.78 0.00	21.13 -0.48 0.00	26.71 -0.63 0.00	23.02 -0.63 0.00	40.98 -0.90 0.00	48.36 -1.59 0.00	48.77 -1.61 0.00	45.31 -0.36 0.00	53.22 0.58 0.00	54.90 0.72 0.00	53.18 1.05 0.00	47.70 0.94 0.00	27.79 0.55 0.00	24.71 0.18 0.00	31.15 -0.37 0.24	33.59 -0.91 0.00	45.22 -0.91 0.00	41.51 -1.26 0.00	37.12 -1.76 0.43	33.76 -1.85 0.10	33.55 -1.95 0.00	22.37 -1.34 0.00
NEG NORTH___LWR_SARANAC 23913	29.40 -0.46 0.00	27.74 -0.67 0.00	29.85 -0.78 0.00	21.13 -0.48 0.00	26.71 -0.63 0.00	23.02 -0.63 0.00	40.98 -0.90 0.00	48.36 -1.59 0.00	48.77 -1.61 0.00	45.31 -0.36 0.00	53.22 0.58 0.00	54.90 0.72 0.00	53.18 1.05 0.00	47.70 0.94 0.00	27.79 0.55 0.00	24.71 0.18 0.00	31.15 -0.37 0.24	33.59 -0.91 0.00	45.22 -0.91 0.00	41.51 -1.26 0.00	37.12 -1.76 0.43	33.76 -1.85 0.10	33.55 -1.95 0.00	22.37 -1.34 0.00
NEG NORTH___PLATTSBURG 23628	29.40 -0.46 0.00	27.74 -0.67 0.00	29.85 -0.78 0.00	21.13 -0.48 0.00	26.71 -0.63 0.00	23.02 -0.63 0.00	40.98 -0.90 0.00	48.36 -1.59 0.00	48.77 -1.61 0.00	45.31 -0.36 0.00	53.22 0.58 0.00	54.90 0.72 0.00	53.18 1.05 0.00	47.70 0.94 0.00	27.79 0.55 0.00	24.71 0.18 0.00	31.14 -0.37 0.24	33.59 -0.91 0.00	45.22 -0.91 0.00	41.51 -1.26 0.00	37.12 -1.76 0.43	33.76 -1.85 0.10	33.55 -1.95 0.00	22.37 -1.34 0.00
NEG WEST_LEA_LOCKPORT 23791	29.40 -0.46 0.00	27.80 -0.60 0.00	29.87 -0.75 0.00	21.09 -0.53 0.00	26.80 -0.54 0.00	23.37 -0.29 0.00	40.35 -1.39 0.15	47.85 -2.10 0.00	47.98 -2.40 0.00	43.52 -2.15 0.00	50.04 -2.61 0.00	51.90 -2.28 0.00	49.61 -2.52 0.00	44.85 -1.91 0.00	26.06 -1.18 0.00	20.72 -1.00 2.80	25.36 -0.88 5.52	29.88 -1.17 3.45	44.90 -1.23 0.00	41.71 -1.05 0.00	38.39 -0.92 0.00	35.32 -0.39 0.00	35.24 -0.26 0.00	23.82 0.11 0.00
NEG WEST___LANCASTR 23811	29.46 -0.40 0.00	27.93 -0.48 0.00	30.08 -0.55 0.00	21.20 -0.41 0.00	26.91 -0.43 0.00	23.39 -0.27 0.00	40.52 -1.22 0.14	48.39 -1.57 0.00	48.58 -1.80 0.00	43.89 -1.77 0.00	50.30 -2.35 0.00	52.23 -1.95 0.00	49.99 -2.13 0.00	45.10 -1.66 0.00	23.49 -1.06 2.68	16.11 -0.91 7.51	25.71 -0.82 5.22	30.45 -0.86 3.19	45.45 -0.69 0.00	42.28 -0.49 0.00	38.87 -0.44 0.00	35.57 -0.14 0.00	35.47 -0.03 0.00	23.96 0.25 0.00
NEG_PENN_ALLEGHNY 23528	30.30 0.32 -0.12	28.80 0.29 -0.09	31.13 0.28 -0.22	21.99 0.19 -0.18	27.78 0.22 -0.23	24.23 0.19 -0.39	42.61 0.28 -0.44	50.95 0.35 -0.65	51.27 0.25 -0.64	45.97 0.03 -0.27	52.57 -0.11 -0.04	54.26 0.02 -0.06	52.10 -0.08 -0.05	46.78 -0.06 -0.09	22.09 -0.07 5.08	16.21 0.10 8.42	32.21 0.37 -0.09	35.85 0.55 -0.81	47.69 0.91 -0.64	44.36 1.01 -0.58	40.49 0.86 -0.31	36.68 0.85 -0.11	36.41 0.88 -0.03	24.52 0.53 -0.29
NEG___GEN_MONROE 24207	30.01 0.15 0.00	28.47 0.06 0.00	30.61 -0.01 0.00	21.60 -0.01 0.00	27.37 0.03 0.00	23.96 0.31 0.00	42.04 0.16 0.00	49.87 -0.09 0.00	50.12 -0.26 0.00	45.40 -0.27 0.00	52.27 -0.38 0.00	54.39 0.21 0.00	51.59 -0.54 0.00	46.49 -0.27 0.00	27.03 -0.21 0.00	24.37 -0.16 0.00	32.10 0.05 -0.30	34.57 0.07 0.00	46.63 0.49 0.00	43.30 0.53 0.00	39.79 0.48 0.00	36.29 0.58 0.00	36.15 0.65 0.00	24.24 0.53 0.00
NEPA___ENERGY 23901	29.45 -0.41 0.00	28.03 -0.38 0.00	30.01 -0.61 0.00	21.12 -0.49 0.00	26.69 -0.65 0.00	23.14 -0.52 0.00	40.52 -1.24 0.13	48.28 -1.68 0.00	48.40 -1.98 0.00	43.68 -1.99 0.00	50.08 -2.57 0.00	52.05 -2.14 0.00	49.74 -2.38 0.00	44.80 -1.96 0.00	23.20 -1.34 2.70	16.12 -1.08 7.33	25.86 -1.01 4.88	30.67 -0.85 2.98	45.74 -0.39 0.00	42.69 -0.08 0.00	39.12 -0.19 0.00	35.92 0.21 0.00	35.86 0.36 0.00	24.01 0.30 0.00

NEVERSINK___HYD 23608	31.11 1.25 0.00	29.62 1.21 0.00	31.80 1.18 0.00	22.42 0.81 0.00	28.28 0.94 0.00	24.48 0.82 0.00	43.39 1.51 0.00	52.05 2.10 0.00	52.51 2.13 0.00	47.37 1.70 0.00	54.51 1.86 0.00	56.06 1.88 0.00	53.77 1.64 0.00	47.10 0.34 0.00	7.08 0.31 20.47	-9.53 0.56 34.62	32.84 1.09 0.00	35.84 1.34 0.00	48.10 1.96 0.00	45.78 3.02 0.00	42.09 2.78 0.00	38.25 2.54 0.00	37.95 2.45 0.00	25.20 1.49 0.00
NEWKRMKL_115KV_TB1 55635	30.50 0.64 0.00	29.10 0.69 0.00	31.25 0.62 0.00	22.10 0.48 0.00	27.85 0.51 0.00	24.09 0.44 0.00	42.53 0.64 0.00	50.64 0.69 0.00	51.17 0.80 0.00	46.27 0.60 0.00	53.29 0.65 0.00	54.86 0.68 0.00	52.90 0.78 0.00	47.44 0.68 0.00	31.86 0.47 -4.16	32.19 0.62 -7.04	32.73 0.98 0.00	35.50 1.01 0.00	47.31 1.17 0.00	43.90 1.13 0.00	40.50 1.18 0.00	36.76 1.05 0.00	36.60 1.10 0.00	24.55 0.84 0.00
NEWTON___FALLS_HYD 23847	29.72 -0.14 0.00	28.52 0.11 0.00	31.08 0.45 0.00	21.88 0.27 0.00	27.77 0.43 0.00	23.92 0.26 0.00	42.82 0.94 0.00	51.37 1.42 0.00	51.87 1.48 -0.01	47.11 1.45 0.00	54.64 2.00 0.00	56.11 1.93 0.00	53.79 1.67 0.00	47.88 1.13 0.00	27.36 0.12 0.00	24.40 -0.12 0.00	31.28 -0.35 0.12	34.02 -0.48 0.00	45.76 -0.38 0.00	42.26 -0.51 0.00	38.62 -0.48 0.21	35.32 -0.34 0.05	35.14 -0.36 0.00	23.38 -0.33 0.00
NGRID_A1_DSASP 323792	28.81 -0.66 0.39	27.31 -0.80 0.30	29.01 -0.90 0.71	20.39 -0.63 0.60	25.95 -0.65 0.73	22.08 -0.33 1.24	38.84 -1.50 1.55	45.51 -2.32 2.13	45.58 -2.67 2.13	42.35 -2.43 0.88	49.55 -2.97 0.12	51.41 -2.59 0.18	49.22 -2.73 0.17	44.34 -2.12 0.30	25.75 -1.29 0.20	20.15 -1.10 3.29	24.33 -1.00 6.42	27.22 -1.35 5.93	42.34 -1.70 2.09	39.31 -1.55 1.91	36.90 -1.39 1.02	34.51 -0.83 0.37	34.93 -0.48 0.10	22.80 0.03 0.93
NGRID_A2_DSASP 323793	28.81 -0.66 0.39	27.31 -0.80 0.30	29.01 -0.90 0.71	20.39 -0.63 0.60	25.95 -0.65 0.73	22.08 -0.33 1.24	38.84 -1.50 1.55	45.51 -2.32 2.13	45.58 -2.67 2.13	42.35 -2.43 0.88	49.55 -2.97 0.12	51.41 -2.59 0.18	49.22 -2.73 0.17	44.34 -2.12 0.30	25.75 -1.29 0.20	20.15 -1.10 3.29	24.33 -1.00 6.42	27.22 -1.35 5.93	42.34 -1.70 2.09	39.31 -1.55 1.91	36.90 -1.39 1.02	34.51 -0.83 0.37	34.93 -0.48 0.10	22.80 0.03 0.93
NGRID_A4_DSASP 323807	28.81 -0.66 0.39	27.31 -0.80 0.30	29.01 -0.90 0.71	20.39 -0.63 0.60	25.95 -0.65 0.73	22.08 -0.33 1.24	38.84 -1.50 1.55	45.51 -2.32 2.13	45.58 -2.67 2.13	42.35 -2.43 0.88	49.55 -2.97 0.12	51.41 -2.59 0.18	49.22 -2.73 0.17	44.34 -2.12 0.30	25.75 -1.29 0.20	20.15 -1.10 3.29	24.33 -1.00 6.42	27.22 -1.35 5.93	42.34 -1.70 2.09	39.31 -1.55 1.91	36.90 -1.39 1.02	34.51 -0.83 0.37	34.93 -0.48 0.10	22.80 0.03 0.93
NIAGARA_115E_LBMP 323715	28.66 -0.82 0.37	27.19 -0.93 0.29	28.79 -1.15 0.69	20.23 -0.80 0.58	25.71 -0.92 0.71	21.86 -0.60 1.20	38.42 -1.95 1.52	45.02 -2.84 2.10	45.10 -3.17 2.10	42.02 -2.77 0.88	49.16 -3.36 0.12	51.00 -3.00 0.18	48.80 -3.16 0.17	43.97 -2.49 0.29	25.55 -1.50 0.20	20.00 -1.22 3.30	24.29 -1.03 6.43	27.04 -1.61 5.84	42.11 -2.01 2.03	39.12 -1.80 1.84	36.72 -1.61 0.99	34.42 -0.93 0.36	34.61 -0.80 0.09	22.56 -0.24 0.90
NIAGARA_115W_LBMP 323714	28.77 -0.70 0.39	27.27 -0.84 0.30	28.98 -0.94 0.71	20.36 -0.66 0.60	25.92 -0.69 0.73	22.04 -0.38 1.24	38.75 -1.59 1.54	45.39 -2.44 2.12	45.47 -2.78 2.13	42.24 -2.54 0.88	49.43 -3.10 0.12	51.29 -2.71 0.18	49.11 -2.84 0.17	44.24 -2.22 0.30	25.69 -1.34 0.20	20.10 -1.15 3.28	24.28 -1.07 6.40	27.15 -1.43 5.92	42.22 -1.83 2.09	39.18 -1.68 1.90	36.77 -1.52 1.02	34.40 -0.93 0.37	34.85 -0.56 0.10	22.75 -0.03 0.93
NIAGARA_230_LBMP 323716	28.84 -0.63 0.39	27.35 -0.76 0.30	29.06 -0.86 0.71	20.41 -0.61 0.59	25.97 -0.64 0.73	22.05 -0.36 1.23	38.83 -1.51 1.55	45.55 -2.29 2.12	45.63 -2.63 2.12	42.37 -2.42 0.88	49.58 -2.94 0.12	51.44 -2.56 0.18	49.26 -2.69 0.17	44.36 -2.10 0.30	25.77 -1.27 0.20	20.20 -1.09 3.23	24.43 -1.00 6.31	27.37 -1.32 5.81	42.56 -1.50 2.08	39.54 -1.33 1.90	37.12 -1.18 1.01	34.69 -0.65 0.37	34.93 -0.47 0.09	22.80 0.01 0.93
NIAGARA___115KV_198_GIBSON 55903	29.16 -0.70 0.00	27.57 -0.84 0.00	29.68 -0.95 0.00	20.95 -0.66 0.00	26.65 -0.69 0.00	23.27 -0.39 0.00	40.14 -1.60 0.14	47.48 -2.48 0.00	47.56 -2.82 0.00	43.10 -2.57 0.00	49.54 -3.11 0.00	51.40 -2.78 0.00	49.18 -2.95 0.00	44.47 -2.29 0.00	25.84 -1.40 0.00	20.68 -1.19 2.66	25.33 -1.18 5.24	29.76 -1.45 3.29	44.32 -1.82 0.00	41.09 -1.68 0.00	37.79 -1.53 0.00	34.78 -0.93 0.00	34.95 -0.55 0.00	23.68 -0.03 0.00
NIAGARA____ 23760	28.85 -0.63 0.38	27.36 -0.76 0.30	29.07 -0.86 0.70	20.42 -0.61 0.58	25.99 -0.64 0.72	22.08 -0.36 1.21	38.84 -1.51 1.53	45.55 -2.29 2.11	45.63 -2.63 2.11	42.37 -2.42 0.88	49.58 -2.94 0.12	51.44 -2.56 0.18	49.26 -2.69 0.17	44.36 -2.10 0.30	25.77 -1.27 0.20	20.18 -1.09 3.25	24.41 -1.00 6.34	27.37 -1.32 5.81	42.57 -1.50 2.07	39.56 -1.33 1.88	37.13 -1.18 1.01	34.69 -0.65 0.37	34.93 -0.47 0.09	22.81 0.01 0.91
NINE_MILE_1 23575	28.92 -0.93 0.00	27.52 -0.89 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.72 0.00	40.57 -1.32 0.00	48.39 -1.56 0.00	48.59 -1.61 0.18	44.18 -1.49 0.00	50.85 -1.79 0.00	52.31 -1.87 0.00	50.30 -1.82 0.00	45.14 -1.62 0.00	26.33 -0.91 0.00	23.77 -0.75 0.00	30.88 -0.88 0.00	33.56 -0.93 0.00	44.91 -1.23 0.00	41.68 -1.08 0.00	38.30 -1.01 0.00	34.82 -0.89 0.00	34.62 -0.88 0.00	23.11 -0.60 0.00
NINE_MILE_2 23744	28.93 -0.93 0.00	27.52 -0.89 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.72 0.00	40.57 -1.32 0.00	48.40 -1.56 0.00	48.58 -1.61 0.18	44.19 -1.48 0.00	50.85 -1.79 0.00	52.31 -1.87 0.00	50.31 -1.82 0.00	45.15 -1.61 0.00	26.33 -0.91 0.00	23.77 -0.75 0.00	30.88 -0.88 0.00	33.56 -0.93 0.00	44.91 -1.23 0.00	41.68 -1.08 0.00	38.30 -1.01 0.00	34.82 -0.89 0.00	34.62 -0.88 0.00	23.11 -0.60 0.00
NM_CAPITAL___DRP 24208	30.58 0.72 0.00	29.17 0.76 0.00	31.34 0.71 0.00	22.15 0.54 0.00	27.93 0.59 0.00	24.15 0.50 0.00	42.61 0.73 0.00	50.60 0.64 0.00	51.11 0.74 0.00	46.23 0.56 0.00	53.25 0.61 0.00	54.83 0.65 0.00	52.89 0.77 0.00	47.38 0.62 0.00	31.92 0.44 -4.24	32.30 0.58 -7.19	32.69 0.94 0.00	35.45 0.95 0.00	47.25 1.11 0.00	43.85 1.08 0.00	40.46 1.15 0.00	36.74 1.03 0.00	36.59 1.09 0.00	24.53 0.82 0.00
NM_CENTRAL___DRP 24181	29.49 -0.37 0.00	28.06 -0.35 0.00	30.25 -0.38 0.00	21.35 -0.26 0.00	27.01 -0.34 0.00	23.39 -0.27 0.00	41.41 -0.47 0.00	49.45 -0.51 0.00	49.83 -0.55 -0.01	45.10 -0.56 0.00	51.92 -0.72 0.00	53.43 -0.75 0.00	51.36 -0.76 0.00	46.12 -0.64 0.00	26.88 -0.36 0.00	24.30 -0.22 0.00	31.61 -0.15 0.00	34.38 -0.11 0.00	46.00 -0.14 0.00	42.70 -0.07 0.00	39.22 -0.09 0.00	35.65 -0.06 0.00	35.41 -0.09 0.00	23.63 -0.08 0.00

NM_FRONTIER___DRP 24179	29.16 -0.70 0.00	27.57 -0.84 0.00	29.68 -0.95 0.00	20.95 -0.66 0.00	26.65 -0.69 0.00	23.27 -0.39 0.00	40.14 -1.60 0.14	47.48 -2.48 0.00	47.56 -2.82 0.00	43.10 -2.57 0.00	49.54 -3.11 0.00	51.40 -2.78 0.00	49.18 -2.95 0.00	44.47 -2.29 0.00	25.84 -1.40 0.00	20.68 -1.19 2.66	25.33 -1.18 5.24	29.76 -1.45 3.29	44.32 -1.82 0.00	41.09 -1.68 0.00	37.79 -1.53 0.00	34.78 -0.93 0.00	34.95 -0.55 0.00	23.68 -0.03 0.00
NM_ST_REGIS___HYD 24053	29.98 0.12 0.00	28.50 0.09 0.00	30.85 0.22 0.00	21.77 0.16 0.00	27.62 0.28 0.00	23.87 0.22 0.00	42.53 0.65 0.00	50.61 0.65 0.00	51.02 0.64 0.00	46.60 0.94 0.00	54.26 1.62 0.00	55.84 1.66 0.00	53.62 1.50 0.00	47.96 1.20 0.00	27.74 0.50 0.00	24.61 0.08 0.19	31.30 -0.26 0.00	33.95 -0.55 0.00	45.74 -0.40 0.00	42.15 -0.62 0.00	38.36 -0.62 0.34	35.09 -0.54 0.08	34.89 -0.61 0.00	23.27 -0.44 0.00
NORTHPORT___1 23551	31.02 1.17 0.00	29.58 1.17 0.00	31.71 1.09 0.00	22.28 0.67 0.00	28.05 0.71 0.00	11.29 0.57 12.94	21.05 0.95 21.77	18.50 1.48 32.94	25.07 1.58 26.88	19.77 1.29 27.18	12.54 1.60 41.70	44.29 1.91 11.79	41.44 1.96 12.63	40.96 1.76 7.56	48.18 1.38 -19.56	59.06 1.56 -32.98	21.53 2.16 12.38	11.81 2.44 25.12	28.42 3.16 20.88	28.39 2.92 17.30	28.20 2.52 13.64	25.73 2.39 12.36	37.88 2.37 0.00	25.25 1.54 0.00
NORTHPORT___2 23552	31.02 1.17 0.00	29.58 1.17 0.00	31.71 1.09 0.00	22.28 0.67 0.00	28.05 0.71 0.00	11.29 0.57 12.94	21.05 0.95 21.77	18.50 1.48 32.94	25.07 1.58 26.88	19.77 1.29 27.18	12.54 1.60 41.70	44.29 1.91 11.79	41.44 1.96 12.63	40.96 1.76 7.56	48.18 1.38 -19.56	59.06 1.56 -32.98	21.53 2.16 12.38	11.81 2.44 25.12	28.42 3.16 20.88	28.39 2.92 17.30	28.20 2.52 13.64	25.73 2.39 12.36	37.88 2.37 0.00	25.25 1.54 0.00
NORTHPORT___3 23553	30.98 1.12 0.00	29.54 1.13 0.00	31.67 1.05 0.00	22.26 0.64 0.00	28.00 0.67 0.00	11.30 0.53 12.88	10.51 0.89 32.26	10.51 1.42 40.86	10.51 1.52 41.39	13.08 1.23 33.82	11.79 1.53 42.39	44.25 1.81 11.73	41.39 1.85 12.58	40.90 1.66 7.53	48.12 1.32 -19.56	59.01 1.51 -32.98	21.50 2.08 12.33	10.01 2.38 26.87	10.01 3.11 39.24	10.01 2.87 35.62	13.70 2.48 28.09	12.57 2.32 25.46	37.82 2.32 0.00	25.21 1.50 0.00
NORTHPORT___4 23650	30.98 1.12 0.00	29.54 1.13 0.00	31.67 1.05 0.00	22.26 0.64 0.00	28.00 0.67 0.00	11.30 0.53 12.88	10.51 0.89 32.26	10.51 1.42 40.86	10.51 1.52 41.39	13.08 1.23 33.82	11.79 1.53 42.39	44.25 1.81 11.73	41.39 1.85 12.58	40.90 1.66 7.53	48.12 1.32 -19.56	59.01 1.51 -32.98	21.50 2.08 12.33	10.01 2.38 26.87	10.01 3.11 39.24	10.01 2.87 35.62	13.70 2.48 28.09	12.57 2.32 25.46	37.82 2.32 0.00	25.21 1.50 0.00
NORTHPORT___IC 23718	31.02 1.17 0.00	29.58 1.17 0.00	31.71 1.09 0.00	22.29 0.68 0.00	28.05 0.71 0.00	11.28 0.56 12.94	21.06 0.95 21.77	18.47 1.45 32.94	25.07 1.58 26.88	19.76 1.28 27.18	12.57 1.63 41.70	44.37 1.99 11.79	41.51 2.02 12.63	40.98 1.78 7.56	48.18 1.38 -19.56	59.06 1.56 -32.98	21.57 2.20 12.38	11.80 2.43 25.12	28.43 3.17 20.88	28.39 2.92 17.30	28.19 2.52 13.64	25.73 2.38 12.36	37.87 2.37 0.00	25.25 1.54 0.00
NORTH___COUNTRY_ESR 323785	29.29 -0.57 0.00	27.73 -0.68 0.00	29.95 -0.68 0.00	21.18 -0.43 0.00	26.82 -0.52 0.00	23.12 -0.53 0.00	41.08 -0.80 0.00	48.73 -1.22 0.00	49.22 -1.15 0.00	45.44 -0.23 0.00	52.96 0.32 0.00	54.57 0.39 0.00	52.57 0.45 0.00	47.19 0.43 0.00	27.43 0.19 0.00	24.42 -0.11 0.00	30.86 -0.66 0.24	33.45 -1.05 0.00	45.08 -1.05 0.00	41.45 -1.31 0.00	37.27 -1.62 0.42	33.94 -1.68 0.10	33.76 -1.74 0.00	22.55 -1.16 0.00
NPX_GEN_1385_PROXY 323591	30.76 0.91 0.00	29.40 0.99 0.00	31.64 1.01 0.00	22.22 0.60 0.00	27.99 0.66 0.00	11.28 0.56 12.94	21.10 1.00 21.77	18.54 1.52 32.94	25.38 1.89 26.88	20.09 1.60 27.18	12.77 1.82 41.70	44.96 2.57 11.79	42.15 2.66 12.63	41.22 2.02 7.56	48.46 1.66 -19.56	59.34 1.84 -32.98	26.10 2.72 8.37	11.92 2.54 25.12	28.37 3.11 20.88	28.55 3.08 17.30	28.26 2.58 13.64	26.06 2.71 12.36	37.93 2.43 0.00	21.02 1.46 4.15
NPX_GEN_CSC 323557	30.73 0.87 0.00	29.27 0.86 0.00	31.37 0.74 0.00	22.05 0.44 0.00	27.75 0.42 0.00	11.24 0.35 12.77	25.89 0.65 16.64	22.21 1.07 28.82	31.62 1.08 19.83	22.75 0.82 23.74	13.00 1.13 40.77	43.33 1.16 12.00	41.04 1.39 12.47	40.71 1.41 7.46	48.00 1.20 -19.56	58.83 1.32 -32.98	21.39 1.86 12.22	12.79 2.24 23.95	36.89 2.90 12.15	36.73 2.60 8.64	34.69 2.19 6.81	31.60 2.06 6.17	37.56 2.06 0.00	20.87 1.31 4.15
NSINS_S_GLNS_FALLS 23858	31.32 1.46 0.00	29.88 1.47 0.00	32.10 1.47 0.00	22.67 1.06 0.00	28.71 1.37 0.00	24.73 1.07 0.00	43.91 2.03 0.00	52.41 2.45 0.00	52.94 2.56 0.00	47.96 2.29 0.00	55.16 2.51 0.00	56.85 2.67 0.00	54.80 2.68 0.00	48.90 2.14 0.00	32.28 1.32 -3.72	32.13 1.31 -6.30	33.84 2.08 0.00	36.70 2.20 0.00	49.01 2.87 0.00	45.48 2.71 0.00	41.86 2.55 0.00	37.89 2.18 0.00	37.60 2.10 0.00	25.14 1.44 0.00
NUCOR_STEEL___DRP 24197	29.94 0.08 0.00	28.44 0.03 0.00	30.67 0.04 0.00	21.65 0.03 0.00	27.41 0.06 0.00	23.68 0.02 0.00	42.06 0.18 0.00	49.97 0.01 0.00	50.30 -0.09 -0.02	45.47 -0.20 0.00	52.33 -0.32 0.00	53.84 -0.34 0.00	51.69 -0.43 0.00	46.43 -0.33 0.00	27.06 -0.18 0.00	24.55 0.03 0.00	32.03 0.28 0.00	34.89 0.39 0.00	46.70 0.57 0.00	43.43 0.66 0.00	39.72 0.41 0.00	36.25 0.53 0.00	36.00 0.50 0.00	23.99 0.28 0.00
NUMBER_THREE_WT_PWR 323818	29.31 -0.56 0.00	28.34 -0.07 0.00	31.09 0.47 0.00	21.84 0.23 0.00	27.77 0.43 0.00	23.85 0.20 0.00	42.94 1.05 0.00	51.85 1.90 0.00	52.44 2.06 -0.01	47.51 1.84 0.00	54.93 2.28 0.00	56.35 2.17 0.00	54.01 1.89 0.00	47.85 1.10 0.00	26.96 -0.28 0.00	24.16 -0.36 0.00	31.27 -0.44 0.04	34.08 -0.42 0.00	45.81 -0.33 0.00	42.34 -0.43 0.00	38.74 -0.50 0.08	35.23 -0.46 0.02	35.07 -0.43 0.00	23.30 -0.41 0.00
NYISO_LBMP_REFERENCE 24008	29.86 0.00 0.00	28.41 0.00 0.00	30.63 0.00 0.00	21.61 0.00 0.00	27.34 0.00 0.00	23.66 0.00 0.00	41.88 0.00 0.00	49.96 0.00 0.00	50.38 0.00 0.00	45.67 0.00 0.00	52.64 0.00 0.00	54.18 0.00 0.00	52.13 0.00 0.00	46.76 0.00 0.00	27.24 0.00 0.00	24.53 0.00 0.00	31.75 0.00 0.00	34.50 0.00 0.00	46.14 0.00 0.00	42.77 0.00 0.00	39.31 0.00 0.00	35.71 0.00 0.00	35.50 0.00 0.00	23.71 0.00 0.00
NYPA_BRENTWD____GT 24164	31.42 1.56 0.00	29.94 1.53 0.00	32.08 1.46 0.00	22.54 0.93 0.00	28.40 1.07 0.00	12.22 0.84 12.28	27.81 1.44 15.51	24.75 2.13 27.33	34.20 2.23 18.40	25.02 1.86 22.51	15.71 2.22 39.15	45.43 2.47 11.23	42.59 2.46 11.99	41.91 2.33 7.17	48.60 1.80 -19.56	59.42 1.92 -32.98	22.58 2.58 11.75	14.51 2.95 22.94	39.17 3.87 10.83	38.87 3.57 7.46	36.51 3.08 5.88	33.25 2.87 5.33	38.41 2.91 0.00	25.59 1.88 0.00

OAKDALE___35_KV_LOAD 356122	30.06 0.20 0.00	28.59 0.18 0.00	30.80 0.17 0.00	21.73 0.11 0.00	27.45 0.11 0.00	23.74 0.08 0.00	41.97 0.09 0.00	50.06 0.11 0.00	50.41 0.03 0.00	45.51 -0.16 0.00	52.31 -0.33 0.00	53.97 -0.21 0.00	51.81 -0.31 0.00	46.51 -0.25 0.00	21.94 -0.19 5.11	15.95 -0.02 8.56	31.67 0.20 0.28	34.87 0.37 0.00	46.80 0.66 0.00	43.54 0.77 0.00	39.97 0.66 0.00	36.38 0.67 0.00	36.20 0.70 0.00	24.12 0.42 0.00
OCC_CHEM___DRP 24175	29.19 -0.67 0.00	27.60 -0.81 0.00	29.72 -0.90 0.00	20.98 -0.64 0.00	26.68 -0.66 0.00	23.32 -0.34 0.00	40.23 -1.51 0.14	47.60 -2.36 0.00	47.66 -2.72 0.00	43.20 -2.47 0.00	49.65 -2.99 0.00	51.52 -2.66 0.00	49.29 -2.84 0.00	44.57 -2.19 0.00	25.90 -1.34 0.00	20.73 -1.13 2.67	25.38 -1.11 5.26	29.81 -1.38 3.30	44.44 -1.69 0.00	41.22 -1.55 0.00	37.91 -1.40 0.00	34.89 -0.82 0.00	35.02 -0.48 0.00	23.73 0.02 0.00
OH_GEN_PROXY 24063	28.83 -0.62 0.41	27.34 -0.74 0.32	29.02 -0.85 0.76	20.38 -0.60 0.64	25.92 -0.63 0.78	21.96 -0.36 1.33	38.79 -1.46 1.63	45.56 -2.19 2.21	45.66 -2.51 2.20	42.41 -2.35 0.92	49.65 -2.86 0.13	51.52 -2.47 0.19	49.35 -2.60 0.17	44.43 -2.03 0.30	25.80 -1.23 0.20	20.40 -1.07 3.06	24.81 -0.96 5.98	27.55 -1.23 5.71	42.57 -1.36 2.21	-3.64 -1.20 45.20	37.17 -1.07 1.08	34.73 -0.58 0.39	34.98 -0.42 0.10	18.59 0.02 5.13
OLIN_CORP_DRP 24177	29.08 -0.78 0.00	27.51 -0.90 0.00	29.53 -1.09 0.00	20.85 -0.76 0.00	26.48 -0.87 0.00	23.11 -0.55 0.00	39.88 -1.86 0.14	47.18 -2.78 0.00	47.27 -3.11 0.00	42.94 -2.73 0.00	49.37 -3.28 0.00	51.21 -2.97 0.00	48.96 -3.17 0.00	44.28 -2.48 0.00	25.74 -1.49 0.00	16.31 -1.22 7.00	25.27 -1.11 5.37	29.60 -1.57 3.33	44.23 -1.91 0.00	41.06 -1.71 0.00	37.79 -1.52 0.00	34.84 -0.87 0.00	34.77 -0.73 0.00	23.51 -0.20 0.00
OLIN_CORP_DSASP 323712	28.81 -0.66 0.39	27.31 -0.80 0.30	29.01 -0.90 0.71	20.39 -0.63 0.60	25.95 -0.65 0.73	22.08 -0.33 1.24	38.84 -1.50 1.55	45.51 -2.32 2.13	45.58 -2.67 2.13	42.35 -2.43 0.88	49.55 -2.97 0.12	51.41 -2.59 0.18	49.22 -2.73 0.17	44.34 -2.12 0.30	25.75 -1.29 0.20	20.15 -1.10 3.29	24.33 -1.00 6.42	27.22 -1.35 5.93	42.34 -1.70 2.09	39.31 -1.55 1.91	36.90 -1.39 1.02	34.51 -0.83 0.37	34.93 -0.48 0.10	22.80 0.03 0.93
ONEIDA_HERK_LFGE 323681	30.00 0.14 0.00	28.74 0.32 0.00	31.20 0.58 0.00	21.99 0.37 0.00	27.89 0.54 0.00	24.09 0.43 0.00	42.99 1.11 0.00	51.59 1.63 0.00	52.12 1.75 0.00	47.21 1.54 0.00	54.43 1.79 0.00	55.93 1.75 0.00	53.68 1.55 0.00	47.90 1.14 0.00	27.52 0.29 0.00	24.78 0.25 0.00	32.17 0.44 0.01	35.03 0.54 0.00	46.95 0.81 0.00	43.46 0.69 0.00	39.88 0.59 0.02	36.21 0.51 0.00	35.99 0.49 0.00	23.95 0.24 0.00
ONEIDA___115KV_TB4 55905	30.38 0.52 0.00	28.95 0.55 0.00	31.31 0.68 0.00	22.12 0.51 0.00	28.02 0.68 0.00	24.28 0.63 0.00	43.18 1.30 0.00	51.66 1.70 0.00	52.14 1.77 0.00	47.16 1.49 0.00	54.22 1.58 0.00	55.76 1.58 0.00	53.57 1.45 0.00	47.98 1.22 0.00	27.86 0.62 0.00	25.16 0.64 0.00	32.77 1.02 0.00	35.68 1.18 0.00	47.69 1.56 0.00	44.17 1.40 0.00	40.54 1.23 0.00	36.79 1.08 0.00	36.52 1.02 0.00	24.32 0.61 0.00
ONONDAGA_REF_OCCRA 23987	29.68 -0.18 0.00	28.23 -0.18 0.00	30.44 -0.19 0.00	21.48 -0.14 0.00	27.16 -0.18 0.00	23.53 -0.12 0.00	41.71 -0.17 0.00	49.78 -0.18 0.00	50.16 -0.22 -0.01	45.39 -0.28 0.00	52.25 -0.39 0.00	53.76 -0.42 0.00	51.68 -0.44 0.00	46.43 -0.33 0.00	27.05 -0.19 0.00	24.48 -0.05 0.00	31.86 0.11 0.00	34.67 0.17 0.00	46.41 0.28 0.00	43.08 0.31 0.00	39.56 0.25 0.00	35.94 0.23 0.00	35.71 0.21 0.00	23.80 0.09 0.00
ONONDAGA___COGEN 23986	29.64 -0.22 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.20 0.00	23.50 -0.16 0.00	41.68 -0.21 0.00	49.66 -0.30 0.00	50.03 -0.37 -0.02	45.26 -0.40 0.00	52.10 -0.55 0.00	53.60 -0.58 0.00	51.54 -0.59 0.00	46.37 -0.38 0.00	27.04 -0.20 0.00	24.47 -0.06 0.00	31.85 0.10 0.00	34.66 0.16 0.00	46.40 0.27 0.00	43.08 0.31 0.00	39.54 0.23 0.00	35.97 0.26 0.00	35.71 0.21 0.00	23.81 0.11 0.00
ONTARIO___LFGE 23819	29.95 0.09 0.00	28.42 0.02 0.00	30.60 -0.03 0.00	21.59 -0.02 0.00	27.35 0.01 0.00	23.70 0.05 0.00	41.76 -0.21 -0.08	49.72 -0.24 0.00	49.95 -0.43 -0.01	45.18 -0.49 0.00	51.91 -0.73 0.00	53.53 -0.65 0.00	51.30 -0.82 0.00	45.98 -0.78 0.00	26.83 -0.41 0.00	25.83 -0.19 -1.49	35.11 -0.10 -3.45	36.38 0.06 -1.82	46.55 0.41 0.00	43.33 0.56 0.00	39.73 0.42 0.00	36.25 0.54 0.00	36.06 0.56 0.00	24.06 0.35 0.00
ORANGEVILLE_WT_PWR 323706	29.28 -0.47 0.11	27.72 -0.60 0.09	29.67 -0.75 0.21	20.91 -0.53 0.17	26.59 -0.53 0.21	22.65 -0.65 0.36	29.99 -2.33 9.57	-46.18 -2.51 93.63	-49.50 -2.79 97.09	-45.27 -2.76 88.18	-51.02 -3.50 100.16	-53.30 -3.41 104.07	-32.78 -3.62 81.29	-33.14 -3.25 76.65	-42.18 -1.99 67.43	-17.55 -1.59 40.49	1.58 -1.84 28.33	17.46 -1.77 15.27	43.96 -1.56 0.61	41.11 -1.10 0.56	38.15 -0.86 0.30	35.19 -0.41 0.11	35.17 -0.30 0.03	23.44 0.01 0.27
ORANGEVILLE___ESR 323794	29.28 -0.47 0.11	27.72 -0.60 0.09	29.67 -0.75 0.21	20.91 -0.53 0.17	26.59 -0.53 0.21	22.65 -0.65 0.36	29.99 -2.33 9.57	-46.18 -2.51 93.63	-49.50 -2.79 97.09	-45.27 -2.76 88.18	-51.02 -3.50 100.16	-53.30 -3.41 104.07	-32.78 -3.62 81.29	-33.14 -3.25 76.65	-42.18 -1.99 67.43	-17.55 -1.59 40.49	1.58 -1.84 28.33	17.46 -1.77 15.27	43.96 -1.56 0.61	41.11 -1.10 0.56	38.15 -0.86 0.30	35.19 -0.41 0.11	35.17 -0.30 0.03	23.44 0.01 0.27
OSWEGATCHIE___HYD 24044	29.72 -0.14 0.00	28.52 0.11 0.00	31.08 0.45 0.00	21.88 0.27 0.00	27.77 0.43 0.00	23.92 0.26 0.00	42.82 0.94 0.00	51.37 1.41 0.00	51.87 1.48 -0.01	47.12 1.45 0.00	54.64 2.00 0.00	56.11 1.93 0.00	53.80 1.68 0.00	47.88 1.13 0.00	27.36 0.12 0.00	24.40 -0.12 0.00	31.28 -0.35 0.12	34.02 -0.48 0.00	45.76 -0.38 0.00	42.26 -0.51 0.00	38.62 -0.48 0.21	35.32 -0.34 0.05	35.14 -0.36 0.00	23.38 -0.33 0.00
OSWEGO___5 23606	29.15 -0.71 0.00	27.74 -0.67 0.00	29.91 -0.72 0.00	21.11 -0.50 0.00	26.70 -0.64 0.00	23.11 -0.54 0.00	40.89 -1.00 0.00	48.77 -1.19 0.00	49.25 -1.24 -0.11	44.51 -1.16 0.00	51.24 -1.41 0.00	52.72 -1.46 0.00	50.69 -1.44 0.00	45.50 -1.26 0.00	26.52 -0.72 0.00	23.95 -0.58 0.00	31.11 -0.64 0.00	33.83 -0.67 0.00	45.26 -0.88 0.00	42.02 -0.75 0.00	38.61 -0.70 0.00	35.11 -0.60 0.00	34.90 -0.60 0.00	23.29 -0.41 0.00
OSWEGO___6 23613	29.15 -0.71 0.00	27.74 -0.67 0.00	29.91 -0.72 0.00	21.11 -0.50 0.00	26.70 -0.64 0.00	23.11 -0.54 0.00	40.89 -1.00 0.00	48.77 -1.19 0.00	49.25 -1.24 -0.11	44.51 -1.16 0.00	51.24 -1.41 0.00	52.72 -1.46 0.00	50.69 -1.44 0.00	45.50 -1.26 0.00	26.52 -0.72 0.00	23.95 -0.58 0.00	31.11 -0.64 0.00	33.83 -0.67 0.00	45.26 -0.88 0.00	42.02 -0.75 0.00	38.61 -0.70 0.00	35.11 -0.60 0.00	34.90 -0.60 0.00	23.29 -0.41 0.00

OUTOKUMPU-AB___DRP 24206	29.59 -0.27 0.00	27.99 -0.42 0.00	30.09 -0.54 0.00	21.23 -0.38 0.00	27.00 -0.35 0.00	23.56 -0.09 0.00	40.72 -1.02 0.14	48.34 -1.62 0.00	48.42 -1.95 0.00	43.94 -1.73 0.00	50.52 -2.12 0.00	52.40 -1.78 0.00	50.08 -2.04 0.00	45.23 -1.52 0.00	26.29 -0.95 0.00	16.73 -0.80 7.00	25.70 -0.64 5.42	30.18 -0.84 3.47	45.32 -0.82 0.00	42.12 -0.65 0.00	38.72 -0.60 0.00	35.57 -0.13 0.00	35.58 0.08 0.00	24.05 0.34 0.00
OXBOW___BTM 323836	28.99 -0.49 0.39	27.47 -0.64 0.30	29.17 -0.75 0.71	20.49 -0.53 0.60	26.08 -0.53 0.73	22.18 -0.23 1.24	39.07 -1.28 1.54	45.86 -1.97 2.12	45.94 -2.31 2.12	42.71 -2.07 0.88	49.97 -2.56 0.12	51.82 -2.18 0.18	49.59 -2.37 0.17	44.65 -1.81 0.30	25.94 -1.10 0.20	16.02 -0.94 7.57	24.48 -0.78 6.49	27.38 -1.10 6.02	42.77 -1.27 2.09	39.73 -1.13 1.90	37.28 -1.02 1.02	34.83 -0.50 0.37	35.18 -0.23 0.10	22.94 0.17 0.93
OXBOW___ 24026	29.37 -0.49 0.00	27.77 -0.64 0.00	29.88 -0.75 0.00	21.09 -0.53 0.00	26.82 -0.53 0.00	23.42 -0.23 0.00	40.45 -1.29 0.14	47.94 -2.02 0.00	48.02 -2.36 0.00	43.55 -2.12 0.00	50.07 -2.58 0.00	51.93 -2.25 0.00	49.66 -2.47 0.00	44.88 -1.88 0.00	26.08 -1.16 0.00	16.60 -0.97 6.95	25.53 -0.89 5.34	29.98 -1.13 3.39	44.87 -1.26 0.00	41.65 -1.12 0.00	38.30 -1.02 0.00	35.21 -0.50 0.00	35.27 -0.22 0.00	23.87 0.17 0.00
OXY_CHEM_DSASP 323612	29.19 -0.67 0.00	27.60 -0.81 0.00	29.72 -0.90 0.00	20.98 -0.64 0.00	26.68 -0.66 0.00	23.32 -0.34 0.00	40.23 -1.51 0.14	47.60 -2.36 0.00	47.66 -2.72 0.00	43.20 -2.47 0.00	49.65 -2.99 0.00	51.52 -2.66 0.00	49.29 -2.84 0.00	44.57 -2.19 0.00	25.90 -1.34 0.00	20.73 -1.13 2.67	25.38 -1.11 5.26	29.81 -1.38 3.30	44.44 -1.69 0.00	41.22 -1.55 0.00	37.91 -1.40 0.00	34.89 -0.82 0.00	35.02 -0.48 0.00	23.73 0.02 0.00
OZONE_PARK_ESR 323760	31.92 2.06 0.00	30.41 2.00 0.00	32.60 1.97 0.00	22.96 1.35 0.00	28.98 1.64 0.00	25.06 1.41 0.00	44.39 2.51 0.00	53.24 3.29 0.00	53.80 3.42 0.00	48.61 2.94 0.00	55.99 3.35 0.00	57.71 3.53 0.00	55.68 3.55 0.00	49.89 3.14 -19.63	48.84 1.97 -33.24	59.91 2.14 0.00	34.92 3.16 0.00	38.02 3.53 0.00	50.72 4.58 0.00	47.04 4.27 0.00	43.19 3.88 0.00	39.28 3.57 0.00	38.99 3.49 0.00	25.88 2.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.19 -0.67 0.00	27.60 -0.81 0.00	29.72 -0.90 0.00	20.98 -0.64 0.00	26.68 -0.66 0.00	23.32 -0.34 0.00	40.23 -1.51 0.14	47.60 -2.36 0.00	47.66 -2.72 0.00	43.20 -2.47 0.00	49.65 -2.99 0.00	51.52 -2.66 0.00	49.29 -2.84 0.00	44.57 -2.19 0.00	25.90 -1.34 0.00	20.73 -1.13 2.67	25.38 -1.11 5.26	29.81 -1.38 3.30	44.44 -1.69 0.00	41.22 -1.55 0.00	37.91 -1.40 0.00	34.89 -0.82 0.00	35.02 -0.48 0.00	23.73 0.02 0.00
PACKARD___115KV_DUPONT_184 80571	28.81 -0.66 0.39	27.31 -0.80 0.30	29.01 -0.90 0.71	20.39 -0.63 0.60	25.95 -0.65 0.73	22.08 -0.33 1.24	38.84 -1.50 1.55	45.51 -2.32 2.13	45.58 -2.67 2.13	42.35 -2.43 0.88	49.55 -2.97 0.12	51.41 -2.59 0.18	49.22 -2.73 0.17	44.34 -2.12 0.30	25.75 -1.29 0.20	20.15 -1.10 3.29	24.33 -1.00 6.42	27.22 -1.35 5.93	42.34 -1.70 2.09	39.31 -1.55 1.91	36.90 -1.39 1.02	34.51 -0.83 0.37	34.93 -0.48 0.10	22.80 0.03 0.93
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.74 1.88 0.00	30.29 1.88 0.00	32.49 1.86 0.00	22.90 1.28 0.00	28.90 1.55 0.00	24.98 1.33 0.00	44.26 2.38 0.00	52.95 3.00 0.00	53.42 3.04 0.00	48.21 2.54 0.00	55.55 2.91 0.00	57.26 3.08 0.00	55.24 3.11 0.00	49.50 2.75 0.00	48.63 1.78 -19.61	59.68 1.95 -33.20	34.61 2.86 0.00	37.68 3.18 0.00	50.20 4.07 0.00	46.60 3.83 0.00	42.79 3.47 0.00	38.97 3.26 0.00	38.66 3.16 0.00	25.68 1.97 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.34 2.48 0.00	30.89 2.48 0.00	33.15 2.52 0.00	23.38 1.77 0.00	29.54 2.19 0.00	25.54 1.89 0.00	45.27 3.39 0.00	54.12 4.16 0.00	54.53 4.15 0.00	49.12 3.45 0.00	56.58 3.94 0.00	58.30 4.12 0.00	56.21 4.09 0.00	50.43 3.67 0.00	49.16 2.31 -19.61	60.15 2.42 -33.20	35.21 3.46 0.00	38.31 3.81 0.00	51.08 4.94 0.00	47.40 4.63 0.00	43.50 4.19 0.00	39.63 3.92 0.00	39.33 3.83 0.00	26.11 2.40 0.00
PATROON___115KV_TB1 80586	30.59 0.73 0.00	29.18 0.77 0.00	31.34 0.72 0.00	22.16 0.55 0.00	27.94 0.60 0.00	24.17 0.52 0.00	42.67 0.79 0.00	50.85 0.90 0.00	51.40 1.02 0.00	46.48 0.81 0.00	53.53 0.88 0.00	55.09 0.91 0.00	53.14 1.01 0.00	47.65 0.89 0.00	32.01 0.60 -4.17	32.32 0.72 -7.06	32.87 1.11 0.00	35.65 1.15 0.00	47.52 1.38 0.00	44.09 1.32 0.00	40.66 1.35 0.00	36.92 1.21 0.00	36.75 1.25 0.00	24.63 0.93 0.00
PATTRSNVILLE___SOLAR 323815	30.62 0.76 0.00	29.13 0.72 0.00	31.39 0.76 0.00	22.13 0.52 0.00	28.01 0.67 0.00	24.26 0.61 0.00	43.06 1.18 0.00	51.50 1.54 0.00	51.76 1.39 0.00	46.83 1.16 0.00	53.75 1.11 0.00	55.26 1.08 0.00	53.20 1.08 0.00	47.60 0.85 0.00	30.80 0.67 -2.89	30.03 0.59 -4.91	32.85 1.10 0.00	35.77 1.27 0.00	47.83 1.69 0.00	44.36 1.59 0.00	40.81 1.49 0.00	37.03 1.33 0.00	36.77 1.27 0.00	24.53 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.57 -0.29 0.00	28.02 -0.39 0.00	30.15 -0.48 0.00	21.25 -0.36 0.00	26.98 -0.36 0.00	23.47 -0.19 0.00	40.63 -1.10 0.15	48.49 -1.47 0.00	48.67 -1.70 0.00	44.03 -1.63 0.00	50.49 -2.16 0.00	52.41 -1.76 0.00	50.16 -1.96 0.00	45.25 -1.50 0.00	23.68 -0.97 2.58	16.09 -0.83 7.61	25.31 -0.71 5.72	30.23 -0.76 3.50	45.58 -0.56 0.00	42.40 -0.37 0.00	39.00 -0.31 0.00	35.73 0.02 0.00	35.61 0.11 0.00	24.05 0.34 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.61 1.75 0.00	30.10 1.69 0.00	32.29 1.66 0.00	22.76 1.15 0.00	28.72 1.38 0.00	24.85 1.19 0.00	44.01 2.13 0.00	52.77 2.81 0.00	53.32 2.94 0.00	48.18 2.51 0.00	55.44 2.80 0.00	57.10 2.92 0.00	55.07 2.95 0.00	49.38 2.62 0.00	34.52 1.68 -5.60	35.84 1.82 -9.50	34.47 2.72 0.00	37.53 3.03 0.00	50.13 3.99 0.00	46.50 3.73 0.00	42.71 3.40 0.00	38.82 3.11 0.00	38.53 3.03 0.00	25.62 1.92 0.00
PEEKSKILL___ 23653	31.40 1.54 0.00	29.93 1.52 0.00	32.09 1.46 0.00	22.61 1.00 0.00	28.53 1.19 0.00	24.67 1.02 0.00	43.67 1.79 0.00	52.33 2.38 0.00	52.87 2.50 0.00	47.74 2.07 0.00	54.98 2.33 0.00	56.64 2.46 0.00	54.63 2.51 0.00	48.99 2.23 0.00	50.20 1.44 -21.52	62.60 1.63 -36.44	34.18 2.43 0.00	37.25 2.75 0.00	49.74 3.61 0.00	46.15 3.38 0.00	42.38 3.07 0.00	38.55 2.84 0.00	38.31 2.81 0.00	25.46 1.75 0.00
PGE MADISON___WINDPWR 24146	30.37 0.51 0.00	28.90 0.49 0.00	31.44 0.82 0.00	22.24 0.62 0.00	28.84 1.50 0.00	25.65 1.99 0.00	45.53 3.62 -0.03	54.26 4.30 0.00	54.58 4.21 0.00	49.41 3.75 0.00	56.90 4.26 0.00	57.09 2.91 0.00	53.21 1.08 0.00	47.53 0.77 0.00	22.51 0.23 4.97	17.14 0.45 7.84	33.55 0.91 -0.89	36.42 1.32 -0.61	48.20 2.06 0.00	45.05 2.28 0.00	41.16 1.85 0.00	37.24 1.53 0.00	36.84 1.34 0.00	24.51 0.80 0.00

PIERCEFIELD___HYD 23852	30.03 0.17 0.00	28.60 0.19 0.00	30.97 0.35 0.00	21.85 0.23 0.00	27.73 0.39 0.00	23.97 0.32 0.00	42.72 0.84 0.00	50.84 0.88 0.00	51.24 0.86 0.00	46.67 1.01 0.00	54.33 1.69 0.00	55.88 1.70 0.00	53.63 1.50 0.00	47.93 1.17 0.00	27.68 0.45 0.00	24.55 0.02 0.00	31.27 -0.31 0.18	33.93 -0.57 0.00	45.67 -0.47 0.00	42.11 -0.66 0.00	38.46 -0.54 0.32	35.23 -0.41 0.07	35.04 -0.46 0.00	23.37 -0.33 0.00
PINELAWN_CC_1 323563	31.33 1.47 0.00	29.84 1.43 0.00	31.99 1.37 0.00	22.49 0.88 0.00	28.31 0.98 0.00	13.67 0.81 10.79	32.60 1.43 10.72	30.27 2.12 21.80	40.46 2.23 12.14	29.57 1.83 17.93	20.56 2.10 34.18	46.56 2.24 9.85	43.93 2.34 10.54	42.68 2.23 6.31	48.46 1.66 -19.56	59.29 1.77 -32.99	23.91 2.49 10.33	17.71 2.87 19.65	45.52 3.81 4.43	44.80 3.51 1.48	41.20 3.05 1.17	37.48 2.82 1.06	38.29 2.79 0.00	25.47 1.77 0.00
PJM_GEN_HTTP_PROXY 323702	32.14 1.79 -0.50	30.16 1.75 0.00	32.34 1.71 0.00	22.78 1.17 0.00	28.75 1.41 0.00	24.86 1.21 0.00	44.02 2.13 0.00	52.76 2.81 0.00	49.19 2.95 4.13	48.19 2.52 0.00	55.50 2.85 0.00	57.20 3.02 0.00	55.18 3.06 0.00	49.46 2.70 0.00	48.62 1.73 -19.66	59.72 1.91 -33.28	34.58 2.82 0.00	37.66 3.16 0.00	50.22 4.08 0.00	46.58 3.81 0.00	42.75 3.44 0.00	38.90 3.19 0.00	38.63 3.13 0.00	25.66 1.95 0.00
PJM_GEN_KEystone 24065	30.34 0.58 0.10	28.66 0.55 0.30	30.39 0.46 0.70	21.32 0.29 0.59	26.98 0.36 0.72	22.74 0.30 1.22	40.81 0.30 1.37	49.25 0.45 1.16	44.93 0.38 5.82	38.95 0.07 6.79	52.47 -0.07 0.10	54.18 0.15 0.15	43.85 0.14 8.42	44.06 0.20 2.90	-21.55 0.12 48.91	-57.88 0.34 82.75	30.10 0.77 2.42	31.10 1.01 4.40	48.08 1.58 -0.36	44.92 1.58 -0.57	39.66 1.39 1.03	36.74 1.41 0.38	36.89 1.48 0.10	23.70 0.94 0.95
PJM_GEN_NEPTUNE_PROXY 323594	31.64 1.29 -0.50	29.69 1.28 0.00	31.81 1.18 0.00	22.38 0.77 0.00	28.19 0.85 0.00	10.60 0.71 13.76	30.51 1.21 12.58	24.80 1.81 26.97	34.19 1.92 18.11	25.08 1.58 22.16	11.03 1.87 43.49	43.67 2.03 12.54	40.76 2.07 13.44	40.64 1.92 8.04	48.22 1.42 -19.56	59.08 1.58 -32.97	20.84 2.25 13.17	12.23 2.60 24.86	45.79 3.41 3.76	45.91 3.15 0.00	42.08 2.76 0.00	38.28 2.57 0.00	38.05 2.55 0.00	25.31 1.61 0.00
PJM_GEN_VFT_PROXY 323633	32.07 1.71 -0.50	30.09 1.68 0.00	32.26 1.63 0.00	22.72 1.11 0.00	28.68 1.34 0.00	24.80 1.14 0.00	43.90 2.02 0.00	52.63 2.67 0.00	49.02 2.77 4.13	48.03 2.36 0.00	55.32 2.67 0.00	56.99 2.81 0.00	54.98 2.86 0.00	49.26 2.51 0.00	48.48 1.61 -19.63	59.59 1.82 -33.24	34.49 2.74 0.00	37.59 3.09 0.00	50.12 3.98 0.00	46.49 3.73 0.00	42.67 3.36 0.00	38.84 3.13 0.00	38.59 3.09 0.00	25.62 1.91 0.00
PLATSBURG_115KV_PMLD1 355749	29.24 -0.62 0.00	27.57 -0.84 0.00	29.62 -1.01 0.00	20.98 -0.63 0.00	26.50 -0.84 0.00	22.81 -0.84 0.00	40.59 -1.29 0.00	47.76 -2.20 0.00	48.17 -2.20 0.00	44.89 -0.78 0.00	52.90 0.25 0.00	54.63 0.46 0.00	52.88 0.75 0.00	47.47 0.72 0.00	27.67 0.44 0.00	24.58 0.05 0.00	30.90 -0.60 0.24	33.23 -1.26 0.00	44.70 -1.44 0.00	40.99 -1.77 0.00	36.60 -2.29 0.43	33.27 -2.33 0.10	33.11 -2.40 0.00	22.08 -1.63 0.00
PLEASANTVLY___LBMP 24000	31.22 1.36 0.00	29.75 1.34 0.00	31.92 1.29 0.00	22.51 0.89 0.00	28.40 1.05 0.00	24.55 0.89 0.00	43.42 1.54 0.00	51.97 2.01 0.00	52.51 2.13 0.00	47.47 1.81 0.00	54.65 2.01 0.00	56.29 2.11 0.00	54.30 2.18 0.00	48.65 1.90 0.00	40.06 1.24 -11.58	45.55 1.41 -19.61	33.90 2.15 0.00	36.86 2.36 0.00	49.16 3.02 0.00	45.60 2.84 0.00	41.95 2.64 0.00	38.14 2.43 0.00	37.91 2.41 0.00	25.25 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.49 1.63 0.00	29.99 1.58 0.00	32.17 1.54 0.00	22.68 1.06 0.00	28.61 1.27 0.00	24.74 1.09 0.00	43.79 1.91 0.00	52.48 2.52 0.00	53.03 2.65 0.00	47.91 2.24 0.00	55.15 2.50 0.00	56.83 2.66 0.00	54.83 2.71 0.00	49.14 2.38 0.00	45.74 1.53 -16.97	54.96 1.70 -28.73	34.29 2.54 0.00	37.32 2.83 0.00	49.81 3.67 0.00	46.19 3.43 0.00	42.45 3.13 0.00	38.60 2.89 0.00	38.35 2.85 0.00	25.50 1.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.49 1.63 0.00	29.99 1.58 0.00	32.17 1.54 0.00	22.68 1.06 0.00	28.61 1.27 0.00	24.74 1.09 0.00	43.79 1.91 0.00	52.48 2.52 0.00	53.03 2.65 0.00	47.91 2.24 0.00	55.15 2.50 0.00	56.83 2.66 0.00	54.83 2.71 0.00	49.14 2.38 0.00	45.74 1.53 -16.97	54.96 1.70 -28.73	34.29 2.54 0.00	37.32 2.83 0.00	49.81 3.67 0.00	46.19 3.43 0.00	42.45 3.13 0.00	38.60 2.89 0.00	38.35 2.85 0.00	25.50 1.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.45 1.59 0.00	29.95 1.54 0.00	32.13 1.51 0.00	22.67 1.05 0.00	28.60 1.26 0.00	24.73 1.08 0.00	43.80 1.92 0.00	52.46 2.51 0.00	53.00 2.62 0.00	47.88 2.21 0.00	55.11 2.47 0.00	56.71 2.54 0.00	54.71 2.59 0.00	49.00 2.24 0.00	28.70 1.46 0.00	26.14 1.61 0.00	34.21 2.46 0.00	37.23 2.73 0.00	49.72 3.58 0.00	46.11 3.35 0.00	42.37 3.06 0.00	38.51 2.80 0.00	38.25 2.75 0.00	25.48 1.78 0.00
POLETTI____ 23519	31.52 1.67 0.00	30.03 1.62 0.00	32.21 1.58 0.00	22.69 1.08 0.00	28.64 1.30 0.00	24.77 1.11 0.00	43.90 2.02 0.00	52.65 2.69 0.00	53.18 2.81 0.00	47.98 2.31 0.00	55.33 2.69 0.00	57.05 2.87 0.00	55.03 2.91 0.00	49.31 2.55 0.00	48.52 1.68 -19.61	59.57 1.84 -33.20	34.50 2.75 0.00	37.57 3.07 0.00	50.07 3.93 0.00	46.48 3.72 0.00	42.67 3.36 0.00	38.85 3.14 0.00	38.54 3.04 0.00	25.59 1.88 0.00
POMONA___ESR 323819	31.43 1.57 0.00	29.95 1.54 0.00	32.12 1.49 0.00	22.62 1.01 0.00	28.55 1.21 0.00	24.69 1.04 0.00	43.83 1.94 0.00	52.53 2.58 0.00	53.03 2.66 0.00	47.89 2.22 0.00	55.15 2.51 0.00	56.82 2.64 0.00	54.81 2.68 0.00	49.16 2.40 0.00	-37.39 1.52 66.15	-85.73 1.69 111.95	34.18 2.43 0.00	37.27 2.77 0.00	49.82 3.68 0.00	46.23 3.46 0.00	42.44 3.13 0.00	38.61 2.89 0.00	38.34 2.84 0.00	25.47 1.76 0.00
PORT_JEFF_3 23555	30.99 1.13 0.00	29.53 1.12 0.00	31.64 1.02 0.00	22.24 0.62 0.00	28.00 0.66 0.00	11.42 0.54 12.78	26.22 0.92 16.59	22.45 1.28 28.78	31.81 1.19 19.76	22.89 0.94 23.71	13.30 1.44 40.79	43.78 1.61 12.01	41.39 1.74 12.48	40.98 1.68 7.47	48.17 1.37 -19.56	58.96 1.46 -32.98	21.57 2.05 12.23	12.99 2.44 23.95	37.15 3.06 12.04	36.94 2.70 8.53	34.90 2.31 6.72	31.85 2.24 6.10	37.82 2.31 0.00	25.20 1.49 0.00
PORT_JEFF_4 23616	30.99 1.13 0.00	29.53 1.12 0.00	31.64 1.02 0.00	22.24 0.62 0.00	28.00 0.66 0.00	11.42 0.54 12.78	26.22 0.92 16.59	22.45 1.28 28.78	31.81 1.19 19.76	22.89 0.94 23.71	13.30 1.44 40.79	43.78 1.61 12.01	41.39 1.74 12.48	40.98 1.68 7.47	48.17 1.37 -19.56	58.96 1.46 -32.98	21.57 2.05 12.23	12.99 2.44 23.95	37.15 3.06 12.04	36.94 2.70 8.53	34.90 2.31 6.72	31.85 2.24 6.10	37.82 2.31 0.00	25.20 1.49 0.00

PORT_JEFF_IC 23713	31.04 1.18 0.00	29.56 1.15 0.00	31.68 1.06 0.00	22.27 0.66 0.00	28.05 0.71 0.00	11.54 0.58 12.69	27.27 1.02 15.63	23.37 1.36 27.94	33.15 1.23 18.46	23.66 1.01 23.01	13.80 1.60 40.44	44.01 1.78 11.95	41.59 1.86 12.39	41.13 1.78 7.42	48.21 1.41 -19.56	59.01 1.50 -32.98	21.76 2.16 12.15	13.37 2.51 23.64	38.83 3.19 10.49	38.58 2.82 7.01	36.21 2.43 5.53	33.03 2.33 5.01	37.88 2.38 0.00	25.24 1.54 0.00
PPL PILGRIM_ST_GT1 24216	31.42 1.56 0.00	29.94 1.53 0.00	32.08 1.46 0.00	22.54 0.93 0.00	28.40 1.07 0.00	12.22 0.84 12.28	27.81 1.44 15.51	24.75 2.13 27.33	34.20 2.23 18.40	25.02 1.86 22.51	15.71 2.22 39.15	45.43 2.47 11.23	42.59 2.46 11.99	41.91 2.33 7.17	48.60 1.80 -19.56	59.42 1.92 -32.98	22.58 2.58 11.75	14.51 2.95 22.94	39.17 3.87 10.83	38.87 3.57 7.46	36.51 3.08 5.88	33.25 2.87 5.33	38.41 2.91 0.00	25.59 1.88 0.00
PPL PILGRIM_ST_GT2 24217	31.42 1.56 0.00	29.94 1.53 0.00	32.08 1.46 0.00	22.54 0.93 0.00	28.40 1.07 0.00	12.22 0.84 12.28	27.81 1.44 15.51	24.75 2.13 27.33	34.20 2.23 18.40	25.02 1.86 22.51	15.71 2.22 39.15	45.43 2.47 11.23	42.59 2.46 11.99	41.91 2.33 7.17	48.60 1.80 -19.56	59.42 1.92 -32.98	22.58 2.58 11.75	14.51 2.95 22.94	39.17 3.87 10.83	38.87 3.57 7.46	36.51 3.08 5.88	33.25 2.87 5.33	38.41 2.91 0.00	25.59 1.88 0.00
PPL_SHRM_GT3 24213	30.69 0.83 0.00	29.23 0.82 0.00	31.34 0.71 0.00	22.02 0.41 0.00	27.73 0.39 0.00	11.24 0.32 12.73	26.18 0.61 16.31	22.47 1.03 28.51	32.04 1.05 19.38	22.96 0.78 23.49	13.09 1.08 40.63	43.26 1.05 11.97	40.99 1.30 12.44	40.66 1.35 7.44	47.97 1.17 -19.56	58.79 1.28 -32.98	21.38 1.81 12.19	12.87 2.20 23.83	37.38 2.85 11.62	37.20 2.55 8.11	35.06 2.15 6.40	31.92 2.01 5.80	37.52 2.02 0.00	24.99 1.28 0.00
PPL_SHRM_GT4 24214	30.69 0.83 0.00	29.23 0.82 0.00	31.34 0.71 0.00	22.02 0.41 0.00	27.73 0.39 0.00	11.24 0.32 12.73	26.18 0.61 16.31	22.47 1.03 28.51	32.04 1.05 19.38	22.96 0.78 23.49	13.09 1.08 40.63	43.26 1.05 11.97	40.99 1.30 12.44	40.66 1.35 7.44	47.97 1.17 -19.56	58.79 1.28 -32.98	21.38 1.81 12.19	12.87 2.20 23.83	37.38 2.85 11.62	37.20 2.55 8.11	35.06 2.15 6.40	31.92 2.01 5.80	37.52 2.02 0.00	24.99 1.28 0.00
PROJECT___ORANGE 1 24174	29.50 -0.36 0.00	28.07 -0.34 0.00	30.25 -0.38 0.00	21.35 -0.26 0.00	27.01 -0.34 0.00	23.40 -0.26 0.00	41.42 -0.46 0.00	49.45 -0.50 0.00	49.83 -0.55 0.00	45.11 -0.56 0.00	51.92 -0.72 0.00	53.43 -0.75 0.00	51.36 -0.76 0.00	46.12 -0.63 0.00	26.89 -0.35 0.00	24.31 -0.21 0.00	31.61 -0.14 0.00	34.40 -0.10 0.00	46.01 -0.13 0.00	42.72 -0.05 0.00	39.24 -0.07 0.00	35.67 -0.04 0.00	35.44 -0.07 0.00	23.63 -0.08 0.00
PROJECT___ORANGE 2 24166	29.50 -0.36 0.00	28.07 -0.34 0.00	30.25 -0.38 0.00	21.35 -0.26 0.00	27.01 -0.34 0.00	23.40 -0.26 0.00	41.42 -0.46 0.00	49.45 -0.50 0.00	49.83 -0.55 0.00	45.11 -0.56 0.00	51.92 -0.72 0.00	53.43 -0.75 0.00	51.36 -0.76 0.00	46.12 -0.63 0.00	26.89 -0.35 0.00	24.31 -0.21 0.00	31.61 -0.14 0.00	34.40 -0.10 0.00	46.01 -0.13 0.00	42.72 -0.05 0.00	39.24 -0.07 0.00	35.67 -0.04 0.00	35.44 -0.07 0.00	23.63 -0.08 0.00
PUCKETT___SOLAR 323809	30.20 0.26 -0.08	28.65 0.18 -0.06	31.31 0.54 -0.15	22.29 0.55 -0.12	28.97 1.48 -0.15	26.04 2.13 -0.26	45.80 3.62 -0.29	54.50 4.12 -0.43	54.80 3.99 -0.43	49.51 3.67 -0.18	57.01 4.34 -0.03	56.91 2.69 -0.04	53.16 1.00 -0.03	47.38 0.55 -0.07	22.00 -0.03 5.21	16.02 0.16 8.66	32.32 0.45 -0.11	36.01 0.73 -0.78	47.92 1.16 -0.62	44.68 1.34 -0.57	40.68 1.07 -0.30	36.79 0.97 -0.11	36.49 0.96 -0.03	24.56 0.57 -0.28
PYRITES___HYD 24023	30.57 0.72 0.00	29.07 0.66 0.00	31.43 0.80 0.00	22.19 0.58 0.00	28.20 0.85 0.00	24.41 0.75 0.00	43.51 1.63 0.00	51.79 1.83 0.00	52.13 1.76 0.00	47.39 1.72 0.00	55.14 2.49 0.00	56.66 2.48 0.00	54.28 2.16 0.00	48.45 1.70 0.00	28.11 0.87 0.00	24.96 0.43 0.00	31.84 0.28 0.19	34.66 0.16 0.00	46.70 0.56 0.00	43.06 0.29 0.00	39.21 0.23 0.33	35.86 0.23 0.08	35.64 0.14 0.00	23.77 0.06 0.00
QUAKERRD_115KV_BK1 80622	29.02 -0.84 0.00	27.53 -0.88 0.00	29.66 -0.96 0.00	20.93 -0.68 0.00	26.55 -0.79 0.00	23.07 -0.59 0.00	40.63 -1.25 0.00	48.41 -1.55 0.00	48.70 -1.68 0.00	44.11 -1.56 0.00	50.79 -1.85 0.00	52.36 -1.81 0.00	50.26 -1.86 0.00	45.26 -1.50 0.00	26.35 -0.88 0.00	23.78 -0.75 0.00	31.22 -0.77 -0.23	33.69 -0.80 0.00	45.27 -0.87 0.00	42.00 -0.77 0.00	38.54 -0.77 0.00	35.11 -0.59 0.00	34.88 -0.62 0.00	23.36 -0.35 0.00
QUENSBRY_115KV_TB8 356137	31.32 1.46 0.00	29.89 1.48 0.00	32.11 1.48 0.00	22.68 1.07 0.00	28.73 1.39 0.00	24.73 1.07 0.00	43.94 2.06 0.00	52.42 2.46 0.00	52.97 2.60 0.00	48.04 2.37 0.00	55.23 2.59 0.00	56.96 2.78 0.00	54.89 2.77 0.00	48.96 2.21 0.00	32.28 1.34 -3.70	32.12 1.32 -6.27	33.87 2.12 0.00	36.72 2.22 0.00	49.04 2.90 0.00	45.51 2.75 0.00	41.88 2.57 0.00	37.89 2.18 0.00	37.60 2.10 0.00	25.15 1.44 0.00
RAMAPO___LBMP 323565	31.31 1.45 0.00	29.84 1.43 0.00	32.01 1.38 0.00	22.55 0.93 0.00	28.46 1.12 0.00	24.60 0.94 0.00	43.55 1.67 0.00	52.20 2.25 0.00	52.69 2.31 0.00	47.56 1.89 0.00	54.75 2.11 0.00	56.40 2.22 0.00	54.41 2.29 0.00	48.78 2.02 0.00	-36.35 1.30 64.89	-83.77 1.50 109.80	34.03 2.28 0.00	37.11 2.61 0.00	49.60 3.46 0.00	46.04 3.27 0.00	42.27 2.96 0.00	38.45 2.74 0.00	38.20 2.70 0.00	25.36 1.65 0.00
RANKINE____ 23646	29.60 -0.26 0.00	28.03 -0.38 0.00	30.12 -0.51 0.00	21.22 -0.39 0.00	26.96 -0.38 0.00	23.45 -0.21 0.00	40.53 -1.18 0.17	48.26 -1.70 0.00	48.43 -1.95 0.00	43.86 -1.81 0.00	50.37 -2.28 0.00	52.29 -1.88 0.00	50.04 -2.09 0.00	45.16 -1.60 0.00	23.71 -1.02 2.51	15.68 -0.90 7.94	24.35 -0.81 6.59	29.60 -0.88 4.02	45.45 -0.69 0.00	42.32 -0.45 0.00	38.92 -0.39 0.00	35.73 0.02 0.00	35.64 0.14 0.00	24.07 0.36 0.00
RAVENSWOOD_GT2_1 24244	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.77 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.78 2.82 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.19 3.07 0.00	49.47 2.71 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00
RAVENSWOOD_GT2_2 24245	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.77 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.78 2.82 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.19 3.07 0.00	49.47 2.71 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00

RAVENSWOOD_GT2_3 24246	31.68 1.82 0.00	30.18 1.78 0.00	32.37 1.74 0.00	22.80 1.19 0.00	28.78 1.43 0.00	24.88 1.23 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.35 2.97 0.00	48.22 2.55 0.00	55.54 2.90 0.00	57.24 3.06 0.00	55.23 3.10 0.00	49.49 2.74 0.00	48.59 1.74 -19.61	59.66 1.93 -33.20	34.61 2.86 0.00	37.69 3.20 0.00	50.26 4.12 0.00	46.61 3.84 0.00	42.79 3.48 0.00	38.93 3.23 0.00	38.67 3.17 0.00	25.68 1.98 0.00
RAVENSWOOD_GT2_4 24247	31.68 1.82 0.00	30.18 1.78 0.00	32.37 1.74 0.00	22.80 1.19 0.00	28.78 1.43 0.00	24.88 1.23 0.00	44.04 2.16 0.00	52.79 2.84 0.00	53.35 2.97 0.00	48.22 2.55 0.00	55.54 2.90 0.00	57.24 3.06 0.00	55.23 3.10 0.00	49.49 2.74 0.00	48.59 1.74 -19.61	59.66 1.93 -33.20	34.61 2.86 0.00	37.69 3.20 0.00	50.26 4.12 0.00	46.61 3.84 0.00	42.79 3.48 0.00	38.93 3.23 0.00	38.67 3.17 0.00	25.68 1.98 0.00
RAVENSWOOD_GT3_1 24248	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.77 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.78 2.82 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.19 3.07 0.00	49.47 2.71 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00
RAVENSWOOD_GT3_2 24249	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.77 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.78 2.82 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.19 3.07 0.00	49.47 2.71 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00
RAVENSWOOD_GT3_3 24250	31.71 1.85 0.00	30.21 1.80 0.00	32.40 1.77 0.00	22.82 1.21 0.00	28.80 1.46 0.00	24.91 1.25 0.00	44.09 2.21 0.00	52.86 2.90 0.00	53.41 3.04 0.00	48.28 2.61 0.00	55.60 2.96 0.00	57.31 3.13 0.00	55.29 3.16 0.00	49.55 2.79 0.00	48.63 1.78 -19.61	59.69 1.97 -33.20	34.66 2.91 0.00	37.74 3.24 0.00	50.31 4.17 0.00	46.66 3.89 0.00	42.84 3.52 0.00	38.98 3.27 0.00	38.71 3.20 0.00	25.71 2.00 0.00
RAVENSWOOD_GT3_4 24251	31.71 1.85 0.00	30.21 1.80 0.00	32.40 1.77 0.00	22.82 1.21 0.00	28.80 1.46 0.00	24.91 1.25 0.00	44.09 2.21 0.00	52.86 2.90 0.00	53.41 3.04 0.00	48.28 2.61 0.00	55.60 2.96 0.00	57.31 3.13 0.00	55.29 3.16 0.00	49.55 2.79 0.00	48.63 1.78 -19.61	59.69 1.97 -33.20	34.66 2.91 0.00	37.74 3.24 0.00	50.31 4.17 0.00	46.66 3.89 0.00	42.84 3.52 0.00	38.98 3.27 0.00	38.71 3.20 0.00	25.71 2.00 0.00
RAVENSWOOD_GT_1 23729	31.76 1.90 0.00	30.27 1.86 0.00	32.46 1.84 0.00	22.87 1.26 0.00	28.86 1.52 0.00	24.96 1.30 0.00	44.16 2.28 0.00	52.91 2.95 0.00	53.46 3.09 0.00	48.29 2.62 0.00	55.62 2.98 0.00	57.32 3.14 0.00	55.32 3.19 0.00	49.58 2.83 0.00	48.67 1.82 -19.61	59.74 2.01 -33.20	34.74 2.98 0.00	37.82 3.32 0.00	50.34 4.20 0.00	46.70 3.93 0.00	42.87 3.56 0.00	39.05 3.34 0.00	38.79 3.28 0.00	25.76 2.05 0.00
RAVENSWOOD_GT_10 24258	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.76 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.79 2.83 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.20 3.08 0.00	49.47 2.72 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00
RAVENSWOOD_GT_11 24259	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.76 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.79 2.83 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.20 3.08 0.00	49.47 2.72 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00
RAVENSWOOD_GT_4 24252	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.74 0.00	22.80 1.19 0.00	28.78 1.43 0.00	24.88 1.23 0.00	44.04 2.16 0.00	52.76 2.81 0.00	53.30 2.93 0.00	48.18 2.51 0.00	55.48 2.84 0.00	57.18 3.00 0.00	55.17 3.05 0.00	49.45 2.69 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.62 2.86 0.00	37.69 3.19 0.00	50.21 4.08 0.00	46.58 3.81 0.00	42.76 3.44 0.00	38.91 3.21 0.00	38.66 3.16 0.00	25.68 1.98 0.00
RAVENSWOOD_GT_5 24254	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.74 0.00	22.80 1.19 0.00	28.78 1.43 0.00	24.88 1.23 0.00	44.04 2.16 0.00	52.76 2.81 0.00	53.30 2.93 0.00	48.18 2.51 0.00	55.48 2.84 0.00	57.18 3.00 0.00	55.17 3.05 0.00	49.45 2.69 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.62 2.86 0.00	37.69 3.19 0.00	50.21 4.08 0.00	46.58 3.81 0.00	42.76 3.44 0.00	38.91 3.21 0.00	38.66 3.16 0.00	25.68 1.98 0.00
RAVENSWOOD_GT_6 24253	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.74 0.00	22.80 1.19 0.00	28.78 1.43 0.00	24.88 1.23 0.00	44.04 2.16 0.00	52.76 2.81 0.00	53.30 2.93 0.00	48.18 2.51 0.00	55.48 2.84 0.00	57.18 3.00 0.00	55.17 3.05 0.00	49.45 2.69 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.62 2.86 0.00	37.69 3.19 0.00	50.21 4.08 0.00	46.58 3.81 0.00	42.76 3.44 0.00	38.91 3.21 0.00	38.66 3.16 0.00	25.68 1.98 0.00
RAVENSWOOD_GT_7 24255	31.67 1.81 0.00	30.18 1.77 0.00	32.36 1.74 0.00	22.80 1.19 0.00	28.78 1.43 0.00	24.88 1.23 0.00	44.04 2.16 0.00	52.76 2.81 0.00	53.30 2.93 0.00	48.18 2.51 0.00	55.48 2.84 0.00	57.18 3.00 0.00	55.17 3.05 0.00	49.45 2.69 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.62 2.86 0.00	37.69 3.19 0.00	50.21 4.08 0.00	46.58 3.81 0.00	42.76 3.44 0.00	38.91 3.21 0.00	38.66 3.16 0.00	25.68 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.76 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.79 2.83 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.20 3.08 0.00	49.47 2.72 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00
RAVENSWOOD_GT_9 24257	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.76 1.42 0.00	24.87 1.22 0.00	44.04 2.16 0.00	52.79 2.83 0.00	53.33 2.96 0.00	48.21 2.54 0.00	55.51 2.87 0.00	57.21 3.03 0.00	55.20 3.08 0.00	49.47 2.72 0.00	48.58 1.73 -19.61	59.65 1.92 -33.20	34.60 2.85 0.00	37.68 3.18 0.00	50.23 4.09 0.00	46.58 3.81 0.00	42.77 3.46 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00

RAVENSWOOD___1 23533	31.70 1.84 0.00	30.21 1.81 0.00	32.40 1.77 0.00	22.83 1.21 0.00	28.81 1.47 0.00	24.91 1.25 0.00	44.07 2.19 0.00	52.78 2.83 0.00	53.34 2.97 0.00	48.18 2.51 0.00	55.49 2.85 0.00	57.19 3.01 0.00	55.18 3.05 0.00	49.46 2.70 0.00	48.60 1.76 -19.61	59.69 1.96 -33.20	34.65 2.90 0.00	37.74 3.24 0.00	50.24 4.10 0.00	46.60 3.83 0.00	42.77 3.46 0.00	38.97 3.26 0.00	38.71 3.21 0.00	25.71 2.00 0.00
RAVENSWOOD___2 23534	31.64 1.78 0.00	30.17 1.76 0.00	32.36 1.73 0.00	22.80 1.18 0.00	28.78 1.43 0.00	24.87 1.22 0.00	43.95 2.07 0.00	52.47 2.51 0.00	52.98 2.61 0.00	47.84 2.17 0.00	55.11 2.46 0.00	56.77 2.59 0.00	54.79 2.66 0.00	49.10 2.34 0.00	48.42 1.57 -19.61	59.59 1.86 -33.20	34.59 2.84 0.00	37.66 3.16 0.00	49.96 3.82 0.00	46.32 3.55 0.00	42.53 3.22 0.00	38.82 3.11 0.00	38.64 3.14 0.00	25.68 1.97 0.00
RAVENSWOOD___3 23535	31.67 1.81 0.00	30.17 1.76 0.00	32.35 1.73 0.00	22.79 1.18 0.00	28.77 1.43 0.00	24.87 1.21 0.00	44.04 2.15 0.00	52.78 2.82 0.00	53.33 2.96 0.00	48.19 2.52 0.00	55.50 2.86 0.00	57.20 3.02 0.00	55.18 3.06 0.00	49.47 2.71 0.00	48.58 1.74 -19.61	59.65 1.92 -33.20	34.59 2.84 0.00	37.67 3.18 0.00	50.24 4.10 0.00	46.58 3.81 0.00	42.77 3.45 0.00	38.91 3.20 0.00	38.66 3.16 0.00	25.68 1.97 0.00
RAVENSWOOD___4 23820	31.70 1.84 0.00	30.21 1.81 0.00	32.40 1.77 0.00	22.83 1.21 0.00	28.81 1.47 0.00	24.91 1.25 0.00	44.07 2.19 0.00	52.78 2.83 0.00	53.34 2.97 0.00	48.18 2.51 0.00	55.49 2.85 0.00	57.19 3.01 0.00	55.18 3.05 0.00	49.46 2.70 0.00	48.60 1.76 -19.61	59.69 1.96 -33.20	34.65 2.90 0.00	37.74 3.24 0.00	50.24 4.10 0.00	46.60 3.83 0.00	42.77 3.46 0.00	38.97 3.26 0.00	38.71 3.21 0.00	25.71 2.00 0.00
RCPL_TRUST___DRP 24196	31.68 1.82 0.00	30.18 1.77 0.00	32.37 1.74 0.00	22.80 1.19 0.00	28.77 1.43 0.00	24.88 1.23 0.00	44.05 2.17 0.00	52.82 2.86 0.00	53.39 3.01 0.00	48.26 2.59 0.00	55.57 2.92 0.00	57.26 3.08 0.00	55.25 3.13 0.00	49.52 2.76 0.00	48.66 1.76 -19.66	59.76 1.94 -33.28	34.63 2.88 0.00	37.71 3.21 0.00	50.27 4.13 0.00	46.62 3.85 0.00	42.79 3.48 0.00	38.93 3.22 0.00	38.66 3.16 0.00	25.68 1.98 0.00
RED___ROCHESTER 323720	29.75 0.05 0.16	28.22 -0.06 0.13	30.23 -0.10 0.30	21.28 -0.08 0.25	27.01 -0.02 0.31	23.25 0.12 0.52	41.26 -0.04 0.59	49.02 -0.09 0.84	49.34 -0.20 0.83	45.11 -0.21 0.35	52.27 -0.33 0.05	53.91 -0.19 0.07	51.70 -0.36 0.07	46.52 -0.12 0.12	27.03 -0.13 0.08	24.20 -0.07 0.26	31.74 0.18 0.20	33.58 0.19 1.11	45.78 0.53 0.88	42.51 0.55 0.80	39.32 0.44 0.43	36.07 0.52 0.16	35.95 0.49 0.04	23.72 0.40 0.39
REGAN___SOLAR 323812	30.70 0.85 0.00	29.19 0.78 0.00	31.49 0.86 0.00	22.18 0.57 0.00	28.11 0.77 0.00	24.43 0.78 0.00	43.54 1.65 0.00	52.18 2.23 0.00	52.27 1.90 0.00	47.12 1.46 0.00	54.08 1.44 0.00	55.24 1.06 0.00	53.18 1.05 0.00	47.44 0.69 0.00	28.03 0.80 0.00	25.17 0.64 0.00	32.96 1.21 0.00	36.00 1.50 0.00	48.26 2.12 0.00	44.75 1.98 0.00	41.07 1.76 0.00	37.23 1.52 0.00	36.90 1.40 0.00	24.59 0.88 0.00
RENSSELAER___COGEN 23796	30.44 0.58 0.00	29.03 0.62 0.00	31.19 0.56 0.00	22.05 0.44 0.00	27.79 0.45 0.00	24.02 0.36 0.00	42.36 0.47 0.00	50.40 0.44 0.00	50.94 0.56 0.00	46.04 0.37 0.00	53.03 0.39 0.00	54.59 0.41 0.00	52.67 0.54 0.00	47.19 0.43 0.00	31.73 0.33 -4.16	32.07 0.49 -7.06	32.55 0.80 0.00	35.34 0.84 0.00	47.09 0.95 0.00	43.70 0.93 0.00	40.32 1.01 0.00	36.63 0.92 0.00	36.49 0.99 0.00	24.47 0.76 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.93 3.07 0.00	31.54 3.13 0.00	33.80 3.17 0.00	23.86 2.25 0.00	30.35 3.01 0.00	26.07 2.42 0.00	46.58 4.70 0.00	55.50 5.54 0.00	56.18 5.80 0.00	51.24 5.57 0.00	58.58 5.93 0.00	60.60 6.42 0.00	58.33 6.21 0.00	51.78 5.02 0.00	33.80 2.84 -3.72	33.48 2.65 -6.30	35.86 4.11 0.00	38.83 4.33 0.00	51.97 5.83 0.00	48.32 5.55 0.00	44.49 5.18 0.00	40.10 4.39 0.00	39.68 4.18 0.00	26.61 2.90 0.00
REVERE_CPPR_DRP 24186	30.50 0.64 0.00	29.13 0.72 0.00	31.52 0.89 0.00	22.25 0.64 0.00	28.21 0.87 0.00	24.44 0.78 0.00	43.53 1.65 0.00	52.12 2.17 0.00	52.68 2.30 0.00	47.64 1.97 0.00	54.82 2.17 0.00	56.39 2.22 0.00	54.14 2.01 0.00	48.45 1.69 0.00	28.03 0.80 0.00	25.28 0.75 0.00	32.92 1.17 0.00	35.84 1.35 0.00	47.97 1.83 0.00	44.39 1.63 0.00	40.75 1.44 0.00	36.96 1.25 0.00	36.69 1.19 0.00	24.40 0.69 0.00
REYNLDPA_13_KV_LD 356490	29.98 0.12 0.00	28.46 0.05 0.00	30.70 0.07 0.00	21.69 0.07 0.00	27.51 0.17 0.00	23.82 0.17 0.00	42.22 0.34 0.00	50.25 0.30 0.00	50.61 0.23 0.00	46.04 0.37 0.00	53.28 0.63 0.00	54.85 0.67 0.00	52.75 0.63 0.00	47.34 0.58 0.00	27.53 0.29 0.00	24.55 0.02 0.00	31.30 -0.21 0.24	34.22 -0.28 0.00	45.93 -0.20 0.00	42.42 -0.35 0.00	38.45 -0.43 0.43	35.17 -0.44 0.10	35.05 -0.45 0.00	23.43 -0.28 0.00
REYNOLDS_115KV_TB3 80639	30.70 0.84 0.00	29.27 0.86 0.00	31.45 0.82 0.00	22.23 0.61 0.00	28.05 0.70 0.00	24.23 0.57 0.00	42.74 0.86 0.00	50.94 0.98 0.00	51.50 1.13 0.00	46.58 0.92 0.00	53.67 1.02 0.00	55.27 1.10 0.00	53.33 1.20 0.00	47.75 0.99 0.00	32.20 0.65 -4.32	32.61 0.76 -7.32	32.93 1.18 0.00	35.71 1.22 0.00	47.59 1.45 0.00	44.18 1.41 0.00	40.79 1.48 0.00	37.03 1.32 0.00	36.87 1.37 0.00	24.69 0.98 0.00
RIVERBAY____ 323610	32.34 2.48 0.00	30.89 2.48 0.00	33.15 2.52 0.00	23.38 1.77 0.00	29.54 2.19 0.00	25.54 1.89 0.00	45.27 3.39 0.00	54.12 4.16 0.00	54.53 4.15 0.00	49.12 3.45 0.00	56.58 3.94 0.00	58.30 4.12 0.00	56.21 4.09 0.00	50.43 3.67 0.00	49.16 2.31 -19.61	60.15 2.42 -33.20	35.21 3.46 0.00	38.31 3.81 0.00	51.08 4.94 0.00	47.40 4.63 0.00	43.50 4.19 0.00	39.63 3.92 0.00	39.33 3.83 0.00	26.11 2.40 0.00
RIVERSDE_115KV_TB3 55908	30.58 0.72 0.00	29.17 0.76 0.00	31.34 0.71 0.00	22.15 0.54 0.00	27.93 0.59 0.00	24.15 0.50 0.00	42.61 0.73 0.00	50.60 0.64 0.00	51.11 0.74 0.00	46.23 0.56 0.00	53.25 0.61 0.00	54.83 0.65 0.00	52.89 0.77 0.00	47.38 0.62 0.00	31.92 0.44 -4.24	32.30 0.58 -7.19	32.69 0.94 0.00	35.45 0.95 0.00	47.25 1.11 0.00	43.85 1.08 0.00	40.46 1.15 0.00	36.74 1.03 0.00	36.59 1.09 0.00	24.53 0.82 0.00
ROARING___BROOK_WT_PWR 323790	29.05 -0.81 0.00	27.68 -0.73 0.00	30.05 -0.58 0.00	21.17 -0.44 0.00	27.06 -0.28 0.00	23.39 -0.26 0.00	41.63 -0.25 0.00	49.88 -0.08 0.00	50.34 -0.04 0.00	45.66 -0.01 0.00	52.73 0.08 0.00	54.23 0.05 0.00	52.18 0.06 0.00	46.60 -0.15 0.00	26.59 -0.65 0.00	20.60 -0.78 3.14	30.22 -0.97 0.55	33.37 -1.13 0.00	44.85 -1.29 0.00	41.42 -1.35 0.00	36.99 -1.34 0.98	34.30 -1.18 0.23	34.45 -1.05 0.00	22.95 -0.76 0.00

ROCHESRG_115KV_T4 355643	29.65 -0.21 0.00	28.12 -0.29 0.00	30.29 -0.34 0.00	21.37 -0.24 0.00	27.11 -0.23 0.00	23.58 -0.08 0.00	41.45 -0.43 0.00	49.32 -0.64 0.00	49.62 -0.76 0.00	44.93 -0.74 0.00	51.73 -0.91 0.00	53.37 -0.81 0.00	51.17 -0.96 0.00	46.09 -0.67 0.00	26.81 -0.43 0.00	24.19 -0.34 0.00	31.82 -0.21 -0.28	34.29 -0.21 0.00	46.12 -0.02 0.00	42.81 0.04 0.00	39.30 -0.01 0.00	35.86 0.15 0.00	35.63 0.14 0.00	23.89 0.18 0.00
ROCHESTER_9_IC 23652	29.80 -0.06 0.00	28.26 -0.16 0.00	30.42 -0.20 0.00	21.46 -0.15 0.00	27.24 -0.10 0.00	23.69 0.04 0.00	41.68 -0.20 0.00	49.63 -0.33 0.00	49.93 -0.45 0.00	45.22 -0.45 0.00	52.05 -0.59 0.00	53.70 -0.48 0.00	51.47 -0.65 0.00	46.38 -0.38 0.00	26.97 -0.27 0.00	24.34 -0.19 0.00	32.02 -0.02 -0.29	34.50 0.00 0.00	46.43 0.30 0.00	43.10 0.33 0.00	39.55 0.24 0.00	36.07 0.36 0.00	35.84 0.34 0.00	24.02 0.31 0.00
ROCKVIEW_13_KV_LD 356306	31.62 1.76 0.00	30.12 1.71 0.00	32.30 1.67 0.00	22.77 1.16 0.00	28.73 1.39 0.00	24.85 1.19 0.00	43.98 2.10 0.00	52.69 2.73 0.00	53.27 2.90 0.00	48.12 2.45 0.00	55.40 2.76 0.00	57.09 2.92 0.00	55.09 2.96 0.00	49.38 2.62 0.00	48.54 1.68 -19.62	59.59 1.85 -33.22	34.49 2.74 0.00	37.57 3.07 0.00	50.14 4.00 0.00	46.50 3.73 0.00	42.70 3.39 0.00	38.86 3.15 0.00	38.60 3.10 0.00	25.65 1.94 0.00
ROME____115KV_TB2 80656	30.50 0.64 0.00	29.13 0.72 0.00	31.52 0.89 0.00	22.25 0.64 0.00	28.21 0.87 0.00	24.44 0.78 0.00	43.53 1.65 0.00	52.12 2.17 0.00	52.68 2.30 0.00	47.64 1.97 0.00	54.82 2.17 0.00	56.39 2.22 0.00	54.14 2.01 0.00	48.45 1.69 0.00	28.03 0.80 0.00	25.28 0.75 0.00	32.92 1.17 0.00	35.84 1.35 0.00	47.97 1.83 0.00	44.39 1.63 0.00	40.75 1.44 0.00	36.96 1.25 0.00	36.69 1.19 0.00	24.40 0.69 0.00
ROSETON___1 23587	31.20 1.34 0.00	29.73 1.32 0.00	31.90 1.28 0.00	22.50 0.88 0.00	28.39 1.04 0.00	24.53 0.88 0.00	43.35 1.47 0.00	51.89 1.93 0.00	52.44 2.06 0.00	47.39 1.72 0.00	54.55 1.91 0.00	56.18 2.00 0.00	54.20 2.07 0.00	48.57 1.81 0.00	39.67 1.22 -11.22	44.92 1.40 -19.00	33.86 2.11 0.00	36.80 2.30 0.00	49.07 2.93 0.00	45.52 2.75 0.00	41.87 2.56 0.00	38.10 2.39 0.00	37.89 2.39 0.00	25.24 1.53 0.00
ROSETON___2 23588	31.20 1.34 0.00	29.73 1.32 0.00	31.90 1.28 0.00	22.50 0.88 0.00	28.39 1.04 0.00	24.53 0.88 0.00	43.35 1.47 0.00	51.89 1.93 0.00	52.44 2.06 0.00	47.39 1.72 0.00	54.55 1.91 0.00	56.18 2.00 0.00	54.20 2.07 0.00	48.57 1.81 0.00	39.67 1.22 -11.22	44.92 1.40 -19.00	33.86 2.11 0.00	36.80 2.30 0.00	49.07 2.93 0.00	45.52 2.75 0.00	41.87 2.56 0.00	38.10 2.39 0.00	37.89 2.39 0.00	25.24 1.53 0.00
ROTRRDAM_115KV_TB3 80664	30.71 0.85 0.00	29.25 0.84 0.00	31.49 0.86 0.00	22.22 0.61 0.00	28.09 0.75 0.00	24.27 0.61 0.00	42.96 1.08 0.00	51.31 1.35 0.00	51.77 1.40 0.00	46.85 1.18 0.00	53.94 1.29 0.00	55.51 1.33 0.00	53.51 1.39 0.00	47.94 1.18 0.00	31.42 0.76 -3.42	31.12 0.80 -5.79	33.00 1.25 0.00	35.84 1.35 0.00	47.85 1.71 0.00	44.39 1.63 0.00	40.89 1.58 0.00	37.12 1.41 0.00	36.89 1.39 0.00	24.63 0.92 0.00
RUSSELL___1 23602	29.91 0.05 0.00	28.35 -0.06 0.00	30.52 -0.10 0.00	21.53 -0.08 0.00	27.32 -0.02 0.00	23.77 0.12 0.00	41.84 -0.04 0.00	49.84 -0.12 0.00	50.14 -0.24 0.00	45.43 -0.24 0.00	52.30 -0.34 0.00	53.95 -0.23 0.00	51.72 -0.41 0.00	46.60 -0.16 0.00	27.09 -0.15 0.00	24.44 -0.09 0.00	32.17 0.13 -0.29	34.67 0.18 0.00	46.67 0.53 0.00	43.32 0.55 0.00	39.75 0.44 0.00	36.24 0.53 0.00	35.99 0.49 0.00	24.11 0.40 0.00
RUSSELL___2 23532	29.91 0.05 0.00	28.35 -0.06 0.00	30.52 -0.10 0.00	21.53 -0.08 0.00	27.32 -0.02 0.00	23.77 0.12 0.00	41.84 -0.04 0.00	49.84 -0.12 0.00	50.14 -0.24 0.00	45.43 -0.24 0.00	52.30 -0.34 0.00	53.95 -0.23 0.00	51.72 -0.41 0.00	46.60 -0.16 0.00	27.09 -0.15 0.00	24.44 -0.09 0.00	32.17 0.13 -0.29	34.67 0.18 0.00	46.67 0.53 0.00	43.32 0.55 0.00	39.75 0.44 0.00	36.24 0.53 0.00	35.99 0.49 0.00	24.11 0.40 0.00
RUSSELL___3 23549	29.91 0.05 0.00	28.35 -0.06 0.00	30.52 -0.10 0.00	21.53 -0.08 0.00	27.32 -0.02 0.00	23.77 0.12 0.00	41.84 -0.04 0.00	49.84 -0.12 0.00	50.14 -0.24 0.00	45.43 -0.24 0.00	52.30 -0.34 0.00	53.95 -0.23 0.00	51.72 -0.41 0.00	46.60 -0.16 0.00	27.09 -0.15 0.00	24.44 -0.09 0.00	32.17 0.13 -0.29	34.67 0.18 0.00	46.67 0.53 0.00	43.32 0.55 0.00	39.75 0.44 0.00	36.24 0.53 0.00	35.99 0.49 0.00	24.11 0.40 0.00
RUSSELL___4 23556	29.91 0.05 0.00	28.35 -0.06 0.00	30.52 -0.10 0.00	21.53 -0.08 0.00	27.32 -0.02 0.00	23.77 0.12 0.00	41.84 -0.04 0.00	49.84 -0.12 0.00	50.14 -0.24 0.00	45.43 -0.24 0.00	52.30 -0.34 0.00	53.95 -0.23 0.00	51.72 -0.41 0.00	46.60 -0.16 0.00	27.09 -0.15 0.00	24.44 -0.09 0.00	32.17 0.13 -0.29	34.67 0.18 0.00	46.67 0.53 0.00	43.32 0.55 0.00	39.75 0.44 0.00	36.24 0.53 0.00	35.99 0.49 0.00	24.11 0.40 0.00
RUSSELL___STATION 23914	29.91 0.05 0.00	28.35 -0.06 0.00	30.52 -0.10 0.00	21.53 -0.08 0.00	27.32 -0.02 0.00	23.77 0.12 0.00	41.84 -0.04 0.00	49.84 -0.12 0.00	50.14 -0.24 0.00	45.43 -0.24 0.00	52.30 -0.34 0.00	53.95 -0.23 0.00	51.72 -0.41 0.00	46.60 -0.16 0.00	27.09 -0.15 0.00	24.44 -0.09 0.00	32.17 0.13 -0.29	34.67 0.18 0.00	46.67 0.53 0.00	43.32 0.55 0.00	39.75 0.44 0.00	36.24 0.53 0.00	35.99 0.49 0.00	24.11 0.40 0.00
S SALMON___HYD 24043	29.32 -0.55 0.00	28.10 -0.31 0.00	30.49 -0.14 0.00	21.49 -0.13 0.00	27.16 -0.18 0.00	23.43 -0.23 0.00	41.61 -0.27 0.00	49.95 0.00 0.00	50.48 0.07 -0.03	45.66 -0.01 0.00	52.60 -0.04 0.00	54.04 -0.14 0.00	51.91 -0.22 0.00	46.33 -0.42 0.00	26.73 -0.51 0.00	24.13 -0.40 0.00	31.25 -0.49 0.01	34.05 -0.44 0.00	45.64 -0.50 0.00	42.32 -0.44 0.00	38.84 -0.45 0.03	35.42 -0.29 0.01	35.19 -0.31 0.00	23.44 -0.27 0.00
S.PERRY__115KV_TB1 80734	30.58 0.72 0.00	28.95 0.54 0.00	31.13 0.51 0.00	21.95 0.34 0.00	27.89 0.55 0.00	24.15 0.50 0.00	42.74 0.34 -0.52	50.35 0.40 0.00	50.51 0.13 0.00	45.63 -0.04 0.00	52.19 -0.45 0.00	53.66 -0.52 0.00	51.29 -0.84 0.00	46.10 -0.66 0.00	23.74 -0.51 2.98	29.48 -0.34 -5.29	54.32 -0.34 -22.91	46.92 0.27 -12.15	47.27 1.13 0.00	44.15 1.39 0.00	40.59 1.28 0.00	37.01 1.30 0.00	36.70 1.20 0.00	24.57 0.87 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.46 -0.40 0.00	27.88 -0.53 0.00	29.97 -0.65 0.00	21.14 -0.47 0.00	26.86 -0.48 0.00	23.41 -0.24 0.00	40.48 -1.26 0.15	48.05 -1.90 0.00	48.18 -2.19 0.00	43.64 -2.04 0.00	50.14 -2.51 0.00	52.05 -2.13 0.00	49.80 -2.32 0.00	44.98 -1.78 0.00	26.12 -1.11 0.00	16.37 -0.96 7.20	25.34 -0.85 5.56	30.07 -1.01 3.42	45.18 -0.96 0.00	41.99 -0.78 0.00	38.63 -0.68 0.00	35.49 -0.22 0.00	35.42 -0.08 0.00	23.94 0.23 0.00

SAWYER___23_KV_LOAD 55526	29.46 -0.40 0.00	27.88 -0.53 0.00	29.97 -0.65 0.00	21.14 -0.47 0.00	26.86 -0.48 0.00	23.41 -0.24 0.00	40.48 -1.26 0.15	48.05 -1.90 0.00	48.18 -2.19 0.00	43.64 -2.04 0.00	50.14 -2.51 0.00	52.05 -2.13 0.00	49.80 -2.32 0.00	44.98 -1.78 0.00	26.12 -1.11 0.00	16.37 -0.96 7.20	25.34 -0.85 5.56	30.07 -1.01 3.42	45.18 -0.96 0.00	41.99 -0.78 0.00	38.63 -0.68 0.00	35.49 -0.22 0.00	35.42 -0.08 0.00	23.94 0.23 0.00
SELKIRK___I 23801	30.65 0.79 0.00	29.22 0.81 0.00	31.45 0.83 0.00	22.23 0.61 0.00	28.04 0.69 0.00	24.24 0.58 0.00	42.80 0.91 0.00	50.93 0.97 0.00	51.40 1.02 0.00	46.43 0.76 0.00	53.26 0.61 0.00	54.82 0.65 0.00	52.93 0.81 0.00	47.44 0.68 0.00	30.51 0.48 -2.78	29.87 0.62 -4.72	32.73 0.98 0.00	35.59 1.10 0.00	47.46 1.32 0.00	44.02 1.26 0.00	40.62 1.31 0.00	36.90 1.19 0.00	36.73 1.23 0.00	24.59 0.89 0.00
SELKIRK___II 23799	30.51 0.65 0.00	29.09 0.68 0.00	31.29 0.66 0.00	22.11 0.50 0.00	27.88 0.54 0.00	24.11 0.45 0.00	42.57 0.69 0.00	50.71 0.75 0.00	51.23 0.86 0.00	46.32 0.65 0.00	53.28 0.64 0.00	54.86 0.68 0.00	52.91 0.78 0.00	47.41 0.65 0.00	31.53 0.45 -3.84	31.63 0.60 -6.50	32.70 0.95 0.00	35.48 0.98 0.00	47.30 1.16 0.00	43.90 1.13 0.00	40.49 1.18 0.00	36.79 1.08 0.00	36.62 1.12 0.00	24.51 0.81 0.00
SENECA OSWGO___HYD 24041	29.21 -0.64 0.00	27.81 -0.60 0.00	29.99 -0.64 0.00	21.16 -0.45 0.00	26.76 -0.58 0.00	23.17 -0.49 0.00	40.98 -0.90 0.00	48.93 -1.03 0.00	49.75 -0.67 -0.05	45.00 -0.67 0.00	51.40 -1.24 0.00	52.89 -1.29 0.00	50.86 -1.27 0.00	45.63 -1.13 0.00	26.59 -0.65 0.00	24.03 -0.50 0.00	31.21 -0.54 0.00	33.97 -0.53 0.00	45.44 -0.70 0.00	42.19 -0.58 0.00	38.77 -0.54 0.00	35.28 -0.44 0.00	35.05 -0.45 0.00	23.39 -0.31 0.00
SENECA___115KV_TB3 355854	29.21 -0.22 0.43	27.73 -0.34 0.34	29.36 -0.47 0.80	20.58 -0.36 0.67	26.18 -0.34 0.82	22.09 -0.17 1.39	38.99 -1.10 1.79	45.89 -1.57 2.50	46.03 -1.83 2.52	42.90 -1.72 1.05	50.32 -2.17 0.14	52.22 -1.74 0.22	50.00 -1.92 0.20	44.94 -1.47 0.35	23.55 -0.94 2.75	15.03 -0.83 8.67	23.16 -0.68 7.92	26.72 -0.80 6.97	43.17 -0.61 2.35	40.24 -0.38 2.14	37.84 -0.33 1.15	35.37 0.08 0.42	35.58 0.18 0.11	23.06 0.40 1.05
SENECA___ENERGY 23797	29.63 -0.23 0.00	28.13 -0.28 0.00	30.30 -0.33 0.00	21.38 -0.24 0.00	27.07 -0.27 0.00	23.46 -0.19 0.00	41.44 -0.48 -0.04	49.39 -0.57 0.00	49.69 -0.70 -0.01	44.92 -0.74 0.00	51.66 -0.98 0.00	53.22 -0.96 0.00	51.05 -1.07 0.00	45.81 -0.95 0.00	26.73 -0.50 0.00	24.93 -0.31 -0.71	33.16 -0.23 -1.64	35.21 -0.15 -0.86	46.17 0.03 0.00	42.97 0.20 0.00	39.38 0.07 0.00	35.89 0.18 0.00	35.68 0.17 0.00	23.81 0.10 0.00
SHOEMAKER___GT 23640	31.25 1.39 0.00	29.77 1.36 0.00	31.97 1.35 0.00	22.53 0.92 0.00	28.45 1.10 0.00	24.59 0.94 0.00	43.53 1.65 0.00	52.14 2.19 0.00	52.61 2.23 0.00	47.43 1.76 0.00	54.60 1.96 0.00	56.24 2.06 0.00	54.26 2.13 0.00	48.60 1.84 0.00	-26.02 1.19 54.45	-66.23 1.38 92.14	33.88 2.13 0.00	36.93 2.43 0.00	49.39 3.25 0.00	45.86 3.09 0.00	42.13 2.82 0.00	38.30 2.59 0.00	38.05 2.55 0.00	25.28 1.57 0.00
SHOEMAKR_138KV_BK 111 55601	31.24 1.38 0.00	29.76 1.35 0.00	31.96 1.33 0.00	22.52 0.90 0.00	28.43 1.09 0.00	24.58 0.92 0.00	43.51 1.63 0.00	52.12 2.16 0.00	52.60 2.22 0.00	47.43 1.76 0.00	54.61 1.97 0.00	56.24 2.06 0.00	54.25 2.12 0.00	48.61 1.85 0.00	-25.24 1.19 53.67	-64.92 1.38 90.82	33.88 2.12 0.00	36.92 2.42 0.00	49.37 3.23 0.00	45.82 3.06 0.00	42.10 2.79 0.00	38.29 2.58 0.00	38.02 2.53 0.00	25.26 1.56 0.00
SHOREHAM_IC_1 23715	30.69 0.83 0.00	29.23 0.82 0.00	31.34 0.71 0.00	22.02 0.41 0.00	27.73 0.39 0.00	11.24 0.32 12.73	26.18 0.61 16.31	22.47 1.03 28.51	32.04 1.05 19.38	22.96 0.78 23.49	13.09 1.08 40.63	43.26 1.05 11.97	40.99 1.30 12.44	40.66 1.35 7.44	47.97 1.17 -19.56	58.79 1.28 -32.98	21.38 1.81 12.19	12.87 2.20 23.83	37.38 2.85 11.62	37.20 2.55 8.11	35.06 2.15 6.40	31.92 2.01 5.80	37.52 2.02 0.00	24.99 1.28 0.00
SHOREHAM_IC_2 23716	30.69 0.83 0.00	29.23 0.82 0.00	31.34 0.71 0.00	22.02 0.41 0.00	27.72 0.39 0.00	11.24 0.32 12.73	26.19 0.61 16.31	22.44 0.99 28.51	32.05 1.05 19.38	22.97 0.79 23.49	13.13 1.12 40.63	43.33 1.12 11.97	41.04 1.35 12.44	40.69 1.38 7.44	47.96 1.16 -19.56	58.79 1.28 -32.98	21.42 1.86 12.19	12.87 2.20 23.83	37.38 2.86 11.62	37.20 2.55 8.11	35.07 2.16 6.40	31.92 2.01 5.80	37.52 2.02 0.00	24.99 1.28 0.00
SISSONVILLE____ 23735	30.03 0.17 0.00	28.60 0.19 0.00	30.97 0.35 0.00	21.85 0.23 0.00	27.73 0.39 0.00	23.97 0.32 0.00	42.72 0.84 0.00	50.84 0.88 0.00	51.24 0.86 0.00	46.67 1.01 0.00	54.33 1.69 0.00	55.88 1.70 0.00	53.63 1.50 0.00	47.93 1.17 0.00	27.68 0.45 0.00	24.55 0.02 0.18	31.27 -0.31 0.00	33.93 -0.57 0.00	45.67 -0.47 0.00	42.11 -0.66 0.00	38.46 -0.54 0.32	35.23 -0.41 0.07	35.04 -0.46 0.00	23.37 -0.33 0.00
SITHE_IND_GS1 24169	28.92 -0.94 0.00	27.51 -0.90 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.73 0.00	40.55 -1.33 0.00	48.38 -1.58 0.00	48.59 -1.63 0.16	44.16 -1.51 0.00	50.84 -1.80 0.00	52.29 -1.89 0.00	50.27 -1.85 0.00	45.13 -1.62 0.00	26.33 -0.91 0.00	23.77 -0.76 0.00	30.86 -0.89 0.00	33.56 -0.93 0.00	44.89 -1.25 0.00	41.68 -1.09 0.00	38.29 -1.02 0.00	34.82 -0.89 0.00	34.61 -0.89 0.00	23.11 -0.60 0.00
SITHE_IND_GS2 24170	28.92 -0.94 0.00	27.51 -0.90 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.73 0.00	40.55 -1.33 0.00	48.38 -1.58 0.00	48.59 -1.63 0.16	44.16 -1.51 0.00	50.84 -1.80 0.00	52.29 -1.89 0.00	50.27 -1.85 0.00	45.13 -1.62 0.00	26.33 -0.91 0.00	23.77 -0.76 0.00	30.86 -0.89 0.00	33.56 -0.93 0.00	44.89 -1.25 0.00	41.68 -1.09 0.00	38.29 -1.02 0.00	34.82 -0.89 0.00	34.61 -0.89 0.00	23.11 -0.60 0.00
SITHE_IND_GS3 24171	28.92 -0.94 0.00	27.51 -0.90 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.73 0.00	40.55 -1.33 0.00	48.38 -1.58 0.00	48.59 -1.63 0.16	44.16 -1.51 0.00	50.84 -1.80 0.00	52.29 -1.89 0.00	50.27 -1.85 0.00	45.13 -1.62 0.00	26.33 -0.91 0.00	23.77 -0.76 0.00	30.86 -0.89 0.00	33.56 -0.93 0.00	44.89 -1.25 0.00	41.68 -1.09 0.00	38.29 -1.02 0.00	34.82 -0.89 0.00	34.61 -0.89 0.00	23.11 -0.60 0.00
SITHE_IND_GS4 24172	28.92 -0.94 0.00	27.51 -0.90 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.73 0.00	40.55 -1.33 0.00	48.38 -1.58 0.00	48.59 -1.63 0.16	44.16 -1.51 0.00	50.84 -1.80 0.00	52.29 -1.89 0.00	50.27 -1.85 0.00	45.13 -1.62 0.00	26.33 -0.91 0.00	23.77 -0.76 0.00	30.86 -0.89 0.00	33.56 -0.93 0.00	44.89 -1.25 0.00	41.68 -1.09 0.00	38.29 -1.02 0.00	34.82 -0.89 0.00	34.61 -0.89 0.00	23.11 -0.60 0.00

SITHE___BATAVIA 24024	29.84 0.25 0.28	28.28 0.08 0.22	30.11 -0.01 0.51	21.18 0.00 0.43	26.94 0.13 0.53	23.09 0.33 0.89	40.81 0.04 1.11	48.30 -0.11 1.55	48.49 -0.34 1.55	44.78 -0.25 0.64	52.10 -0.46 0.09	53.80 -0.25 0.13	51.35 -0.66 0.12	46.27 -0.28 0.21	26.86 -0.23 0.14	22.04 -0.25 0.23	27.68 0.16 0.43	30.40 -0.01 0.49	45.18 0.55 1.51	41.99 0.60 1.37	39.10 0.52 0.74	36.23 0.79 0.27	36.23 0.79 0.07	23.74 0.71 0.67
SITHE___INDEPEND 23800	28.92 -0.94 0.00	27.51 -0.90 0.00	29.67 -0.96 0.00	20.94 -0.67 0.00	26.49 -0.85 0.00	22.93 -0.73 0.00	40.55 -1.33 0.00	48.38 -1.58 0.00	48.59 -1.62 0.16	44.16 -1.51 0.00	50.83 -1.81 0.00	52.29 -1.89 0.00	50.27 -1.85 0.00	45.12 -1.63 0.00	26.33 -0.91 0.00	23.76 -0.76 0.00	30.86 -0.89 0.00	33.56 -0.94 0.00	44.89 -1.25 0.00	41.68 -1.09 0.00	38.29 -1.02 0.00	34.82 -0.89 0.00	34.61 -0.89 0.00	23.11 -0.60 0.00
SITHE___MASSENA 23902	29.96 0.10 0.00	28.46 0.05 0.00	30.70 0.08 0.00	21.69 0.08 0.00	27.51 0.17 0.00	23.82 0.17 0.00	42.26 0.37 0.00	50.28 0.32 0.00	50.65 0.27 0.00	46.09 0.42 0.00	53.37 0.73 0.00	54.94 0.76 0.00	52.81 0.68 0.00	47.37 0.61 0.00	27.53 0.29 0.00	24.53 0.00 0.00	31.19 -0.33 0.24	34.08 -0.42 0.00	45.75 -0.38 0.00	42.24 -0.53 0.00	38.31 -0.58 0.42	35.04 -0.57 0.10	34.91 -0.59 0.00	23.34 -0.37 0.00
SITHE___OGDNSBRG 24021	30.51 0.65 0.00	28.99 0.58 0.00	31.31 0.68 0.00	22.11 0.50 0.00	28.08 0.74 0.00	24.33 0.68 0.00	43.30 1.42 0.00	51.55 1.60 0.00	51.88 1.50 0.00	47.12 1.45 0.00	54.76 2.12 0.00	56.29 2.11 0.00	53.96 1.84 0.00	48.25 1.49 0.00	28.02 0.78 0.00	24.92 0.39 0.00	31.76 0.21 0.20	34.64 0.14 0.00	46.64 0.50 0.00	43.00 0.23 0.00	39.10 0.14 0.36	35.74 0.11 0.08	35.53 0.03 0.00	23.71 0.00 0.00
SITHE___STERLING 23777	30.38 0.52 0.00	28.95 0.54 0.00	31.31 0.68 0.00	22.12 0.51 0.00	28.02 0.68 0.00	24.28 0.63 0.00	43.18 1.30 0.00	51.66 1.70 0.00	52.14 1.77 0.00	47.15 1.48 0.00	54.21 1.57 0.00	55.76 1.58 0.00	53.57 1.44 0.00	47.97 1.21 0.00	27.85 0.62 0.00	25.16 0.64 0.00	32.77 1.02 0.00	35.67 1.18 0.00	47.69 1.55 0.00	44.17 1.40 0.00	40.54 1.23 0.00	36.79 1.08 0.00	36.52 1.02 0.00	24.32 0.61 0.00
SLEIGHT__34_KV_TB1 80719	29.50 -0.36 0.00	28.01 -0.40 0.00	30.16 -0.46 0.00	21.28 -0.32 0.00	26.99 -0.35 0.00	23.44 -0.22 0.00	41.42 -0.47 0.00	49.35 -0.61 0.00	49.69 -0.69 -0.01	44.97 -0.70 0.00	51.78 -0.86 0.00	53.33 -0.84 0.00	51.21 -0.91 0.00	46.01 -0.75 0.00	26.82 -0.42 0.00	24.25 -0.28 0.00	31.82 -0.13 -0.20	34.38 -0.12 0.00	46.19 0.05 0.00	42.87 0.10 0.00	39.29 -0.02 0.00	35.80 0.09 0.00	35.50 0.00 0.00	23.75 0.04 0.00
SMITHTWN_69_KV_BK 1 55830	31.13 1.27 0.00	29.65 1.24 0.00	31.78 1.15 0.00	22.33 0.72 0.00	28.12 0.78 0.00	11.68 0.65 12.62	29.31 1.16 13.73	25.17 1.62 26.41	36.12 1.60 15.86	25.27 1.33 21.73	14.38 1.81 40.07	44.17 1.97 11.98	41.84 2.04 12.33	41.30 1.92 7.37	48.30 1.50 -19.56	59.12 1.62 -32.98	21.97 2.29 12.08	13.96 2.65 23.19	42.32 3.46 7.28	42.06 3.12 3.82	38.98 2.68 3.01	35.49 2.51 2.73	38.02 2.52 0.00	25.32 1.61 0.00
SOUTH CAIRO___GT 23612	31.15 1.29 0.00	29.70 1.29 0.00	31.92 1.30 0.00	22.57 0.95 0.00	28.71 1.37 0.00	25.05 1.39 0.00	44.45 2.57 0.00	53.17 3.21 0.00	53.62 3.24 0.00	48.05 2.38 0.00	54.36 1.71 0.00	56.07 1.89 0.00	53.97 1.84 0.00	48.54 1.78 0.00	28.38 1.14 0.00	25.97 1.44 0.00	33.88 2.13 0.00	36.42 1.92 0.00	48.79 2.66 0.00	45.21 2.44 0.00	41.63 2.31 0.00	37.74 2.03 0.00	37.47 1.97 0.00	25.07 1.36 0.00
SOUTH HAMPTN___IC 23720	30.68 0.82 0.00	29.22 0.81 0.00	31.32 0.69 0.00	22.03 0.41 0.00	27.73 0.39 0.00	11.23 0.34 12.76	25.97 0.69 16.60	22.33 1.15 28.78	31.79 1.20 19.78	22.89 0.93 23.71	13.24 1.34 40.74	43.76 1.58 11.99	42.00 2.34 12.47	41.54 2.24 7.46	48.47 1.68 -19.56	59.29 1.78 -32.98	22.05 2.51 12.21	13.55 2.98 23.93	38.00 3.95 12.09	37.71 3.53 8.58	35.57 3.02 6.77	32.34 2.77 6.13	38.23 2.73 0.00	25.44 1.73 0.00
SOUTHDOW_115KV_TB1 355954	29.46 -0.40 0.00	28.26 -0.16 0.00	30.18 -0.45 0.00	21.12 -0.49 0.00	26.64 -0.71 0.00	23.18 -0.47 0.00	40.64 -1.15 0.09	48.73 -1.23 0.00	48.92 -1.45 0.00	44.23 -1.44 0.00	50.97 -1.67 0.00	52.96 -1.22 0.00	50.66 -1.46 0.00	45.51 -1.25 0.00	23.57 -0.95 2.72	17.05 -0.82 6.66	27.89 -0.66 3.21	32.12 -0.31 2.07	46.69 0.55 0.00	43.59 0.82 0.00	40.00 0.68 0.00	36.71 1.00 0.00	36.55 1.05 0.00	24.63 0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	30.33 0.47 0.00	28.88 0.47 0.00	30.97 0.34 0.00	21.77 0.15 0.00	27.40 0.06 0.00	10.96 0.07 12.76	25.57 0.29 16.60	21.83 0.64 28.77	31.35 0.75 19.78	22.54 0.58 23.70	13.02 1.12 40.74	43.76 1.57 11.99	42.66 3.01 12.46	42.11 2.81 7.46	48.81 2.01 -19.56	59.60 2.10 -32.98	22.53 2.99 12.21	14.06 3.49 23.92	38.72 4.67 12.08	38.37 4.18 8.57	36.14 3.59 6.76	32.84 3.26 6.13	38.70 3.19 0.00	25.72 2.02 0.00
SOUTHOLD___IC 23719	30.33 0.47 0.00	28.88 0.47 0.00	30.97 0.34 0.00	21.77 0.15 0.00	27.40 0.06 0.00	10.96 0.07 12.76	25.56 0.27 16.60	21.86 0.67 28.77	31.35 0.75 19.78	22.53 0.57 23.70	12.92 1.02 40.74	43.68 1.49 11.99	42.60 2.94 12.46	42.09 2.79 7.46	48.81 2.01 -19.56	59.61 2.11 -32.98	22.49 2.95 12.21	14.06 3.49 23.92	38.71 4.66 12.08	38.38 4.18 8.57	36.14 3.59 6.76	32.84 3.26 6.13	38.69 3.19 0.00	25.72 2.01 0.00
SOUTH_FORK_WT_PWR 323839	29.81 -0.05 0.00	28.38 -0.04 0.00	30.42 -0.20 0.00	21.40 -0.22 0.00	26.93 -0.41 0.00	10.55 -0.34 12.76	24.85 -0.43 16.60	21.01 -0.17 28.77	30.50 -0.09 19.78	21.79 -0.17 23.70	12.15 0.25 40.74	43.15 0.97 11.99	42.76 3.10 12.47	42.23 2.93 7.46	48.87 2.08 -19.56	59.68 2.18 -32.98	22.60 3.06 12.21	14.18 3.61 23.92	38.87 4.82 12.09	38.51 4.33 8.58	36.27 3.72 6.76	32.95 3.37 6.13	38.80 3.30 0.00	25.79 2.08 0.00
SPIERFLS_115KV_TB 1 80737	31.13 1.27 0.00	29.70 1.29 0.00	31.91 1.29 0.00	22.54 0.92 0.00	28.54 1.20 0.00	24.57 0.91 0.00	43.62 1.74 0.00	52.06 2.10 0.00	52.59 2.21 0.00	47.64 1.97 0.00	54.79 2.15 0.00	56.48 2.30 0.00	54.44 2.31 0.00	48.60 1.84 0.00	32.08 1.15 -3.69	31.93 1.15 -6.25	33.60 1.85 0.00	36.45 1.96 0.00	48.69 2.55 0.00	45.18 2.41 0.00	41.58 2.27 0.00	37.63 1.92 0.00	37.36 1.86 0.00	24.97 1.27 0.00
ST LAWRENCE____ 23600	29.65 -0.20 0.00	28.16 -0.26 0.00	30.37 -0.25 0.00	21.45 -0.16 0.00	27.19 -0.15 0.00	23.54 -0.12 0.00	41.72 -0.17 0.00	49.66 -0.29 0.00	50.05 -0.32 0.00	45.54 -0.13 0.00	52.71 0.06 0.00	54.24 0.06 0.00	52.17 0.05 0.00	46.84 0.08 0.00	27.24 0.00 0.00	24.31 -0.22 0.25	30.98 -0.52 0.00	33.87 -0.62 0.00	45.44 -0.70 0.00	41.98 -0.79 0.00	38.04 -0.84 0.44	34.79 -0.81 0.10	34.68 -0.82 0.00	23.17 -0.54 0.00

STATE_CA_115KV_115_LB 55624	30.59 0.73 0.00	29.19 0.78 0.00	31.34 0.72 0.00	22.17 0.56 0.00	27.95 0.61 0.00	24.18 0.52 0.00	42.67 0.79 0.00	50.86 0.91 0.00	51.41 1.03 0.00	46.48 0.82 0.00	53.54 0.90 0.00	55.11 0.94 0.00	53.14 1.01 0.00	47.66 0.90 0.00	32.01 0.60 -4.17	32.32 0.73 -7.07	32.88 1.13 0.00	35.66 1.16 0.00	47.53 1.39 0.00	44.09 1.33 0.00	40.68 1.37 0.00	36.92 1.21 0.00	36.75 1.25 0.00	24.64 0.93 0.00
STATE_ST_34_KV_LOAD 55959	29.96 0.10 0.00	28.46 0.04 0.00	30.68 0.06 0.00	21.66 0.05 0.00	27.42 0.08 0.00	23.70 0.05 0.00	42.07 0.19 0.00	50.01 0.06 0.00	50.34 -0.05 -0.02	45.50 -0.17 0.00	52.35 -0.30 0.00	53.89 -0.29 0.00	51.73 -0.40 0.00	46.45 -0.31 0.00	27.08 -0.16 0.00	24.56 0.03 0.00	32.15 0.28 -0.11	34.89 0.39 0.00	46.74 0.60 0.00	43.46 0.69 0.00	39.76 0.45 0.00	36.28 0.57 0.00	36.03 0.53 0.00	24.01 0.30 0.00
STATION_5_MISC_HYD 23604	29.64 -0.06 0.16	28.13 -0.15 0.13	30.12 -0.20 0.30	21.22 -0.14 0.25	26.93 -0.10 0.31	23.17 0.04 0.52	41.10 -0.19 0.59	48.81 -0.31 0.84	49.11 -0.43 0.83	44.89 -0.43 0.35	52.02 -0.57 0.05	53.67 -0.43 0.07	51.46 -0.60 0.07	46.30 -0.34 0.12	26.92 -0.24 0.08	24.09 -0.18 0.26	31.59 0.03 0.20	33.41 0.02 1.11	45.55 0.29 0.88	42.28 0.32 0.80	39.12 0.24 0.43	35.91 0.36 0.16	35.80 0.34 0.04	23.63 0.31 0.39
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.72 -0.14 0.00	28.21 -0.20 0.00	30.38 -0.25 0.00	21.44 -0.17 0.00	27.18 -0.16 0.00	23.60 -0.05 0.00	41.63 -0.25 0.00	49.63 -0.32 0.00	49.92 -0.46 -0.01	45.20 -0.47 0.00	52.04 -0.60 0.00	53.66 -0.52 0.00	51.45 -0.68 0.00	46.19 -0.57 0.00	26.91 -0.33 0.00	24.31 -0.22 0.00	31.93 -0.07 -0.26	34.48 -0.02 0.00	46.36 0.22 0.00	43.05 0.28 0.00	39.49 0.17 0.00	35.98 0.27 0.00	35.73 0.23 0.00	23.89 0.18 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.59 -0.27 0.00	28.06 -0.35 0.00	30.22 -0.41 0.00	21.32 -0.29 0.00	27.05 -0.30 0.00	23.52 -0.13 0.00	41.39 -0.50 0.00	49.29 -0.67 0.00	49.58 -0.79 0.00	44.91 -0.76 0.00	51.72 -0.92 0.00	53.35 -0.83 0.00	51.15 -0.97 0.00	46.07 -0.69 0.00	26.80 -0.44 0.00	24.18 -0.35 0.00	31.80 -0.23 -0.28	34.27 -0.22 0.00	46.11 -0.03 0.00	42.79 0.02 0.00	39.27 -0.04 0.00	35.80 0.09 0.00	35.57 0.07 0.00	23.83 0.12 0.00
STA_56___34_KV_BUS2 355983	29.59 -0.27 0.00	28.06 -0.35 0.00	30.22 -0.41 0.00	21.32 -0.29 0.00	27.05 -0.30 0.00	23.52 -0.13 0.00	41.39 -0.50 0.00	49.29 -0.67 0.00	49.58 -0.79 0.00	44.91 -0.76 0.00	51.72 -0.92 0.00	53.35 -0.83 0.00	51.15 -0.97 0.00	46.07 -0.69 0.00	26.80 -0.44 0.00	24.18 -0.35 0.00	31.80 -0.23 -0.28	34.27 -0.22 0.00	46.11 -0.03 0.00	42.79 0.02 0.00	39.27 -0.04 0.00	35.80 0.09 0.00	35.57 0.07 0.00	23.83 0.12 0.00
STA_67___115KV_BK2 355882	29.74 -0.11 0.00	28.20 -0.20 0.00	30.38 -0.25 0.00	21.43 -0.18 0.00	27.19 -0.15 0.00	23.65 0.00 0.00	41.59 -0.29 0.00	49.51 -0.44 0.00	49.81 -0.56 0.00	45.11 -0.56 0.00	51.93 -0.71 0.00	53.57 -0.60 0.00	51.35 -0.77 0.00	46.27 -0.49 0.00	26.91 -0.33 0.00	24.27 -0.25 0.00	31.94 -0.10 -0.29	34.42 -0.08 0.00	46.31 0.17 0.00	42.98 0.21 0.00	39.46 0.15 0.00	35.99 0.28 0.00	35.76 0.26 0.00	23.97 0.27 0.00
STA_7___115KV_9TRANS 80674	29.91 0.05 0.00	28.35 -0.06 0.00	30.52 -0.10 0.00	21.53 -0.08 0.00	27.32 -0.02 0.00	23.77 0.12 0.00	41.84 -0.04 0.00	49.84 -0.12 0.00	50.14 -0.24 0.00	45.43 -0.24 0.00	52.30 -0.34 0.00	53.95 -0.23 0.00	51.72 -0.41 0.00	46.60 -0.16 0.00	27.09 -0.15 0.00	24.44 -0.09 0.00	32.17 0.13 -0.29	34.67 0.18 0.00	46.67 0.53 0.00	43.32 0.55 0.00	39.75 0.44 0.00	36.24 0.53 0.00	35.99 0.49 0.00	24.11 0.40 0.00
STA_82___115KV_TB1 80780	29.76 -0.10 0.00	28.22 -0.19 0.00	30.38 -0.25 0.00	21.44 -0.17 0.00	27.20 -0.14 0.00	23.67 0.01 0.00	41.61 -0.28 0.00	49.52 -0.43 0.00	49.83 -0.55 0.00	45.13 -0.54 0.00	51.94 -0.70 0.00	53.59 -0.59 0.00	51.37 -0.76 0.00	46.28 -0.48 0.00	26.91 -0.33 0.00	24.28 -0.25 0.00	31.96 -0.10 -0.31	34.43 -0.07 0.00	46.34 0.20 0.00	43.00 0.23 0.00	39.47 0.16 0.00	36.00 0.29 0.00	35.78 0.28 0.00	23.98 0.27 0.00
STEEL___WIND 323596	29.18 -0.25 0.43	27.70 -0.37 0.34	29.32 -0.51 0.80	20.53 -0.41 0.67	26.12 -0.40 0.82	22.04 -0.21 1.39	38.91 -1.18 1.79	45.79 -1.67 2.50	45.93 -1.93 2.52	42.81 -1.81 1.05	50.22 -2.28 0.14	52.12 -1.83 0.22	49.92 -2.01 0.20	44.87 -1.54 0.35	23.50 -0.99 2.75	14.98 -0.89 8.67	23.10 -0.74 7.92	26.65 -0.87 6.97	43.05 -0.73 2.35	40.18 -0.45 2.14	37.76 -0.40 1.15	35.30 0.01 0.42	35.52 0.13 0.11	23.04 0.38 1.05
STEPHTWN_115KV_BK_2 55603	30.75 0.89 0.00	29.28 0.87 0.00	31.45 0.82 0.00	22.21 0.60 0.00	28.06 0.72 0.00	24.30 0.64 0.00	42.97 1.09 0.00	51.16 1.21 0.00	51.74 1.37 0.00	46.71 1.04 0.00	53.67 1.02 0.00	55.29 1.11 0.00	53.26 1.13 0.00	47.67 0.91 0.00	32.04 0.64 -4.16	32.42 0.83 -7.06	33.12 1.37 0.00	35.84 1.35 0.00	47.87 1.73 0.00	44.38 1.61 0.00	40.81 1.50 0.00	37.07 1.36 0.00	36.97 1.47 0.00	24.74 1.03 0.00
STEUBEN_REC_LFGE 323667	29.71 -0.15 0.00	28.08 -0.33 0.00	30.23 -0.40 0.00	21.31 -0.31 0.00	27.05 -0.29 0.00	23.12 -0.54 0.00	39.80 -2.42 -0.34	46.63 -3.32 0.00	46.35 -4.03 0.00	41.82 -3.85 0.00	47.88 -4.77 0.00	49.39 -4.79 0.00	47.24 -4.88 0.00	42.39 -4.36 0.00	20.82 -2.65 3.76	22.96 -2.10 -0.53	43.81 -2.48 -14.54	40.16 -2.22 -7.89	44.19 -1.95 0.00	41.56 -1.21 0.00	38.18 -1.14 0.00	34.88 -0.83 0.00	34.90 -0.60 0.00	23.46 -0.24 0.00
STILLWATER___SOLAR 323814	31.23 1.37 0.00	29.77 1.36 0.00	32.00 1.37 0.00	22.59 0.98 0.00	28.59 1.25 0.00	24.67 1.02 0.00	43.71 1.82 0.00	52.13 2.17 0.00	52.66 2.28 0.00	47.62 1.95 0.00	54.85 2.21 0.00	56.47 2.30 0.00	54.39 2.27 0.00	48.69 1.93 0.00	32.28 1.22 -3.82	32.24 1.23 -6.48	33.62 1.87 0.00	36.50 2.01 0.00	48.73 2.59 0.00	45.21 2.44 0.00	41.66 2.35 0.00	37.76 2.05 0.00	37.52 2.02 0.00	25.08 1.37 0.00
STONY___BROOK 24151	31.09 1.23 0.00	29.62 1.21 0.00	31.74 1.11 0.00	22.30 0.69 0.00	28.08 0.74 0.00	11.61 0.62 12.67	27.83 1.09 15.14	23.95 1.54 27.54	34.00 1.42 17.79	24.14 1.15 22.68	14.00 1.68 40.32	44.04 1.81 11.95	41.65 1.90 12.37	41.18 1.82 7.40	48.27 1.47 -19.56	59.07 1.56 -32.98	21.81 2.18 12.12	13.57 2.59 23.51	39.80 3.33 9.67	39.55 2.98 6.20	36.98 2.56 4.89	33.71 2.43 4.43	37.95 2.45 0.00	25.29 1.58 0.00
STURGEON_POOL_HYD 23609	31.32 1.46 0.00	29.82 1.41 0.00	32.02 1.39 0.00	22.57 0.96 0.00	28.46 1.11 0.00	24.60 0.94 0.00	43.55 1.67 0.00	52.18 2.23 0.00	52.71 2.33 0.00	47.61 1.94 0.00	54.83 2.19 0.00	56.43 2.26 0.00	54.40 2.28 0.00	48.71 1.96 0.00	22.49 1.31 6.05	15.76 1.47 10.23	34.02 2.27 0.00	37.04 2.54 0.00	49.43 3.29 0.00	45.90 3.13 0.00	42.20 2.88 0.00	38.37 2.66 0.00	38.11 2.61 0.00	25.35 1.64 0.00

ST_LAW_115_BK7_LBMP 345037	29.65 -0.21 0.00	28.15 -0.26 0.00	30.37 -0.25 0.00	21.45 -0.16 0.00	27.20 -0.14 0.00	23.55 -0.11 0.00	41.74 -0.14 0.00	49.68 -0.28 0.00	50.07 -0.31 0.00	45.56 -0.11 0.00	52.74 0.09 0.00	54.28 0.10 0.00	52.19 0.07 0.00	46.85 0.09 0.00	27.23 -0.01 0.00	24.29 -0.24 0.00	30.95 -0.56 0.24	33.84 -0.66 0.00	45.41 -0.73 0.00	41.94 -0.83 0.00	38.01 -0.87 0.43	34.76 -0.85 0.10	34.65 -0.85 0.00	23.15 -0.56 0.00
ST_LAW_115_BK8_LBMP 345038	29.65 -0.21 0.00	28.15 -0.26 0.00	30.37 -0.25 0.00	21.45 -0.16 0.00	27.20 -0.14 0.00	23.55 -0.11 0.00	41.74 -0.14 0.00	49.68 -0.28 0.00	50.07 -0.31 0.00	45.56 -0.11 0.00	52.74 0.09 0.00	54.28 0.10 0.00	52.19 0.07 0.00	46.85 0.09 0.00	27.23 -0.01 0.00	24.29 -0.24 0.00	30.95 -0.56 0.24	33.84 -0.66 0.00	45.41 -0.73 0.00	41.94 -0.83 0.00	38.01 -0.87 0.43	34.76 -0.85 0.10	34.65 -0.85 0.00	23.15 -0.56 0.00
ST_LAW_230_BK5_LBMP 345035	29.65 -0.20 0.00	28.16 -0.26 0.00	30.37 -0.25 0.00	21.45 -0.16 0.00	27.19 -0.15 0.00	23.54 -0.12 0.00	41.72 -0.17 0.00	49.66 -0.29 0.00	50.05 -0.32 0.00	45.54 -0.13 0.00	52.71 0.06 0.00	54.24 0.06 0.00	52.17 0.05 0.00	46.84 0.08 0.00	27.24 0.00 0.00	24.31 -0.22 0.00	30.98 -0.52 0.25	33.87 -0.62 0.00	45.44 -0.70 0.00	41.98 -0.79 0.00	38.04 -0.84 0.44	34.79 -0.81 0.10	34.68 -0.82 0.00	23.17 -0.54 0.00
ST_LAW_230_BK6_LBMP 345036	29.65 -0.20 0.00	28.16 -0.26 0.00	30.37 -0.25 0.00	21.45 -0.16 0.00	27.19 -0.15 0.00	23.54 -0.12 0.00	41.72 -0.17 0.00	49.66 -0.29 0.00	50.05 -0.32 0.00	45.54 -0.13 0.00	52.71 0.06 0.00	54.24 0.06 0.00	52.17 0.05 0.00	46.84 0.08 0.00	27.24 0.00 0.00	24.31 -0.22 0.00	30.98 -0.52 0.25	33.87 -0.62 0.00	45.44 -0.70 0.00	41.98 -0.79 0.00	38.04 -0.84 0.44	34.79 -0.81 0.10	34.68 -0.82 0.00	23.17 -0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.33 1.47 0.00	29.85 1.44 0.00	32.03 1.40 0.00	22.56 0.94 0.00	28.48 1.13 0.00	24.63 0.98 0.00	43.60 1.72 0.00	52.26 2.31 0.00	52.74 2.36 0.00	47.60 1.93 0.00	54.78 2.14 0.00	56.43 2.25 0.00	54.44 2.32 0.00	48.81 2.05 0.00	-28.50 1.31 57.05	-70.51 1.51 96.54	34.04 2.29 0.00	37.10 2.61 0.00	49.61 3.47 0.00	46.05 3.29 0.00	42.30 2.98 0.00	38.46 2.75 0.00	38.20 2.70 0.00	25.37 1.66 0.00
SWANROAD_115KV_TB1 355699	29.11 -0.75 0.00	27.54 -0.88 0.00	29.56 -1.07 0.00	20.87 -0.75 0.00	26.50 -0.84 0.00	23.12 -0.53 0.00	39.91 -1.83 0.14	47.23 -2.72 0.00	47.33 -3.05 0.00	43.00 -2.67 0.00	49.43 -3.21 0.00	51.27 -2.91 0.00	49.01 -3.12 0.00	44.33 -2.43 0.00	25.76 -1.47 0.00	20.67 -1.20 2.65	25.46 -1.08 5.22	29.71 -1.54 3.25	44.29 -1.85 0.00	41.13 -1.64 0.00	37.85 -1.47 0.00	34.89 -0.82 0.00	34.83 -0.68 0.00	23.53 -0.18 0.00
SYNERGY___BIOGAS 323694	30.11 0.25 0.00	28.49 0.07 0.00	30.62 0.00 0.00	21.61 0.00 0.00	27.47 0.13 0.00	23.99 0.34 0.00	41.83 0.04 0.09	49.80 -0.16 0.00	50.00 -0.37 0.00	45.39 -0.28 0.00	52.16 -0.48 0.00	53.87 -0.31 0.00	51.38 -0.74 0.00	46.42 -0.34 0.00	26.97 -0.27 0.00	22.47 -0.28 1.78	28.44 0.08 3.39	32.27 -0.03 2.19	46.69 0.55 0.00	43.36 0.60 0.00	39.83 0.52 0.00	36.49 0.79 0.00	36.30 0.80 0.00	24.42 0.71 0.00
SYRACUSE___ENERGY_ST1 323597	29.64 -0.22 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.20 0.00	23.50 -0.16 0.00	41.68 -0.21 0.00	49.66 -0.30 0.00	50.03 -0.37 -0.02	45.26 -0.40 0.00	52.10 -0.55 0.00	53.60 -0.58 0.00	51.54 -0.59 0.00	46.37 -0.38 0.00	27.04 -0.20 0.00	24.47 -0.06 0.00	31.85 0.10 0.00	34.66 0.16 0.00	46.40 0.27 0.00	43.08 0.31 0.00	39.54 0.23 0.00	35.97 0.26 0.00	35.71 0.21 0.00	23.81 0.11 0.00
SYRACUSE___ENERGY_ST2 323598	29.64 -0.22 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.20 0.00	23.50 -0.16 0.00	41.68 -0.21 0.00	49.66 -0.30 0.00	50.03 -0.37 -0.02	45.26 -0.40 0.00	52.10 -0.55 0.00	53.60 -0.58 0.00	51.54 -0.59 0.00	46.37 -0.38 0.00	27.04 -0.20 0.00	24.47 -0.06 0.00	31.85 0.10 0.00	34.66 0.16 0.00	46.40 0.27 0.00	43.08 0.31 0.00	39.54 0.23 0.00	35.97 0.26 0.00	35.71 0.21 0.00	23.81 0.11 0.00
SYRACUSE___POWER 24017	29.65 -0.21 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.21 0.00	23.50 -0.15 0.00	41.66 -0.22 0.00	49.72 -0.23 0.00	50.10 -0.28 -0.01	45.34 -0.33 0.00	52.19 -0.46 0.00	53.68 -0.49 0.00	51.61 -0.52 0.00	46.38 -0.38 0.00	27.02 -0.22 0.00	24.45 -0.08 0.00	31.81 0.06 0.00	34.63 0.13 0.00	46.34 0.20 0.00	43.02 0.26 0.00	39.51 0.20 0.00	35.90 0.19 0.00	35.65 0.15 0.00	23.77 0.06 0.00
TALLMAN__138KV_BK151 55660	31.39 1.53 0.00	29.91 1.50 0.00	32.08 1.46 0.00	22.59 0.98 0.00	28.52 1.17 0.00	24.67 1.01 0.00	43.71 1.82 0.00	52.40 2.45 0.00	52.88 2.51 0.00	47.74 2.08 0.00	54.97 2.33 0.00	56.62 2.45 0.00	54.63 2.51 0.00	48.99 2.23 0.00	-35.68 1.41 64.33	-82.73 1.61 108.86	34.14 2.38 0.00	37.22 2.73 0.00	49.77 3.63 0.00	46.19 3.42 0.00	42.40 3.08 0.00	38.57 2.86 0.00	38.31 2.80 0.00	25.43 1.72 0.00
TEALLAVE_115KV_TB7 355573	29.49 -0.37 0.00	28.06 -0.35 0.00	30.25 -0.38 0.00	21.35 -0.26 0.00	27.01 -0.34 0.00	23.39 -0.27 0.00	41.41 -0.47 0.00	49.45 -0.51 0.00	49.83 -0.55 -0.01	45.10 -0.56 0.00	51.92 -0.72 0.00	53.43 -0.75 0.00	51.36 -0.76 0.00	46.12 -0.64 0.00	26.88 -0.36 0.00	24.30 -0.22 0.00	31.61 -0.15 0.00	34.38 -0.11 0.00	46.00 -0.14 0.00	42.70 -0.07 0.00	39.22 -0.09 0.00	35.65 -0.06 0.00	35.41 -0.09 0.00	23.63 -0.08 0.00
TELGRAPH_34_KV_EAST 80808	29.64 -0.22 0.00	28.04 -0.37 0.00	30.13 -0.50 0.00	21.26 -0.35 0.00	27.02 -0.32 0.00	23.57 -0.08 0.00	40.88 -0.89 0.12	48.53 -1.42 0.00	48.69 -1.68 0.00	44.19 -1.48 0.00	50.81 -1.84 0.00	52.62 -1.56 0.00	50.26 -1.87 0.00	45.41 -1.35 0.00	26.36 -0.88 0.00	21.57 -0.73 2.23	26.92 -0.50 4.33	30.99 -0.75 2.75	45.53 -0.61 0.00	42.29 -0.48 0.00	38.88 -0.43 0.00	35.72 0.01 0.00	35.60 0.09 0.00	24.01 0.30 0.00
TEMPLE___115KV_TB 2 55572	29.50 -0.36 0.00	28.07 -0.34 0.00	30.25 -0.38 0.00	21.35 -0.26 0.00	27.01 -0.34 0.00	23.40 -0.26 0.00	41.42 -0.46 0.00	49.45 -0.50 0.00	49.83 -0.55 0.00	45.11 -0.56 0.00	51.92 -0.72 0.00	53.43 -0.75 0.00	51.36 -0.76 0.00	46.12 -0.63 0.00	26.89 -0.35 0.00	24.31 -0.21 0.00	31.61 -0.14 0.00	34.40 -0.10 0.00	46.01 -0.13 0.00	42.72 -0.05 0.00	39.24 -0.07 0.00	35.67 -0.04 0.00	35.44 -0.07 0.00	23.63 -0.08 0.00
TIANA____69_KV_BK 1 55817	30.80 0.94 0.00	29.33 0.92 0.00	31.44 0.81 0.00	22.10 0.48 0.00	27.82 0.49 0.00	11.31 0.41 12.76	26.10 0.82 16.60	22.45 1.27 28.77	31.93 1.33 19.78	23.03 1.06 23.70	13.40 1.50 40.74	43.84 1.65 11.99	41.83 2.18 12.46	41.39 2.09 7.46	48.37 1.57 -19.56	59.20 1.69 -32.98	21.96 2.42 12.21	13.39 2.82 23.92	37.80 3.74 12.08	37.53 3.34 8.57	35.41 2.86 6.76	32.21 2.64 6.13	38.10 2.60 0.00	25.36 1.65 0.00

TILDEN___115KV_TB1 80814	29.65 -0.21 0.00	28.20 -0.21 0.00	30.39 -0.23 0.00	21.45 -0.16 0.00	27.14 -0.21 0.00	23.50 -0.15 0.00	41.66 -0.22 0.00	49.72 -0.23 0.00	50.10 -0.28 -0.01	45.34 -0.33 0.00	52.19 -0.46 0.00	53.68 -0.49 0.00	51.61 -0.52 0.00	46.38 -0.38 0.00	27.02 -0.22 0.00	24.45 -0.08 0.00	31.81 0.06 0.00	34.63 0.13 0.00	46.34 0.20 0.00	43.02 0.26 0.00	39.51 0.20 0.00	35.90 0.19 0.00	35.65 0.15 0.00	23.77 0.06 0.00
TRIGEN___CC 323695	31.38 1.53 0.00	29.91 1.50 0.00	32.05 1.43 0.00	22.56 0.95 0.00	28.42 1.08 0.00	22.52 0.89 2.03	41.57 1.55 1.86	48.16 2.19 3.98	50.66 2.35 2.07	44.32 1.93 3.27	48.49 2.28 6.42	54.79 2.47 1.85	52.63 2.50 1.99	47.86 2.29 1.19	48.43 1.61 -19.58	59.34 1.75 -33.06	32.33 2.52 1.95	33.67 2.85 3.67	49.36 3.77 0.55	46.27 3.50 0.00	42.41 3.10 0.00	38.57 2.86 0.00	38.34 2.84 0.00	25.50 1.79 0.00
TRINITY__115KV__4 BK 55933	30.49 0.63 0.00	29.08 0.67 0.00	31.24 0.61 0.00	22.09 0.47 0.00	27.85 0.50 0.00	24.08 0.42 0.00	42.48 0.59 0.00	50.47 0.51 0.00	51.00 0.62 0.00	46.12 0.45 0.00	53.12 0.48 0.00	54.69 0.52 0.00	52.76 0.63 0.00	47.27 0.51 0.00	31.79 0.38 -4.18	32.12 0.52 -7.08	32.62 0.86 0.00	35.37 0.87 0.00	47.13 0.99 0.00	43.74 0.97 0.00	40.36 1.05 0.00	36.64 0.93 0.00	36.49 0.99 0.00	24.48 0.77 0.00
UNION___PROCESSING_DRP 323587	29.76 -0.09 0.00	28.22 -0.19 0.00	30.39 -0.24 0.00	21.44 -0.17 0.00	27.21 -0.13 0.00	23.67 0.01 0.00	41.63 -0.25 0.00	49.54 -0.42 0.00	49.83 -0.55 0.00	45.13 -0.54 0.00	51.96 -0.69 0.00	53.61 -0.56 0.00	51.37 -0.75 0.00	46.29 -0.47 0.00	26.91 -0.32 0.00	24.29 -0.24 0.00	31.97 -0.09 -0.30	34.44 -0.06 0.00	46.35 0.21 0.00	43.02 0.25 0.00	39.48 0.17 0.00	36.00 0.30 0.00	35.79 0.28 0.00	23.98 0.28 0.00
UPPER HUDSON___HYD 24058	31.13 1.27 0.00	29.70 1.29 0.00	31.91 1.29 0.00	22.54 0.92 0.00	28.54 1.19 0.00	24.57 0.91 0.00	43.62 1.74 0.00	52.06 2.10 0.00	52.58 2.21 0.00	47.64 1.97 0.00	54.80 2.15 0.00	56.47 2.29 0.00	54.43 2.31 0.00	48.60 1.84 0.00	32.08 1.15 -3.69	31.92 1.15 -6.25	33.60 1.85 0.00	36.46 1.96 0.00	48.69 2.55 0.00	45.18 2.41 0.00	41.58 2.27 0.00	37.63 1.92 0.00	37.36 1.86 0.00	24.97 1.27 0.00
UPPER RAQUET___HYD 24056	30.03 0.17 0.00	28.61 0.19 0.00	30.97 0.35 0.00	21.85 0.23 0.00	27.73 0.39 0.00	23.97 0.32 0.00	42.72 0.84 0.00	50.84 0.89 0.00	51.24 0.86 0.00	46.68 1.01 0.00	54.33 1.69 0.00	55.87 1.69 0.00	53.63 1.51 0.00	47.93 1.17 0.00	27.69 0.45 0.00	24.55 0.02 0.18	31.27 -0.31 0.00	33.93 -0.57 0.00	45.67 -0.47 0.00	42.11 -0.66 0.00	38.46 -0.54 0.32	35.23 -0.41 0.07	35.04 -0.46 0.00	23.37 -0.33 0.00
VALLEY44_115KV_TB2 355964	29.95 0.09 0.00	28.46 0.05 0.00	30.63 0.00 0.00	21.57 -0.04 0.00	27.36 0.02 0.00	23.66 0.00 0.00	41.02 -0.78 0.08	49.29 -0.67 0.00	49.63 -0.74 0.00	44.62 -1.05 0.00	51.20 -1.44 0.00	53.13 -1.05 0.00	50.90 -1.23 0.00	45.89 -0.87 0.00	23.78 -0.63 2.82	17.34 -0.61 6.58	28.49 -0.54 2.72	32.47 -0.26 1.77	46.41 0.27 0.00	43.20 0.44 0.00	39.72 0.40 0.00	36.26 0.55 0.00	36.25 0.75 0.00	24.42 0.71 0.00
VALLEY___115KV_TB 1-4 80826	31.02 1.16 0.00	29.44 1.03 0.00	31.61 0.99 0.00	22.35 0.74 0.00	28.28 0.94 0.00	24.69 1.03 0.00	43.90 2.02 0.00	52.48 2.52 0.00	52.74 2.37 0.00	47.63 1.96 0.00	54.58 1.94 0.00	55.98 1.80 0.00	53.77 1.65 0.00	47.74 0.98 0.00	27.97 0.73 0.00	25.30 0.77 0.00	33.09 1.33 -0.01	36.05 1.55 0.00	48.22 2.08 0.00	44.75 1.99 0.00	41.25 1.91 -0.03	37.47 1.75 -0.01	37.26 1.75 0.00	24.87 1.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.81 0.95 0.00	29.32 0.91 0.00	31.66 1.04 0.00	22.35 0.73 0.00	28.26 0.92 0.00	24.52 0.87 0.00	43.46 1.58 0.00	51.92 1.97 0.00	52.39 2.01 0.00	47.37 1.70 0.00	54.52 1.87 0.00	56.02 1.84 0.00	53.76 1.64 0.00	48.21 1.45 0.00	21.30 0.91 6.85	13.98 1.01 11.56	33.14 1.52 0.12	36.24 1.74 0.00	48.46 2.33 0.00	45.02 2.25 0.00	41.37 2.06 0.00	37.60 1.90 0.00	37.32 1.82 0.00	24.85 1.14 0.00
VISCHER___FERRY HYD 24020	30.96 1.09 0.00	29.50 1.09 0.00	31.70 1.08 0.00	22.39 0.77 0.00	28.31 0.96 0.00	24.43 0.77 0.00	43.18 1.30 0.00	51.51 1.55 0.00	52.06 1.69 0.00	47.10 1.43 0.00	54.28 1.63 0.00	55.89 1.71 0.00	53.91 1.79 0.00	48.24 1.48 0.00	32.37 0.93 -4.20	32.64 1.00 -7.12	33.28 1.53 0.00	36.08 1.59 0.00	48.10 1.96 0.00	44.66 1.89 0.00	41.21 1.90 0.00	37.38 1.67 0.00	37.20 1.70 0.00	24.89 1.18 0.00
V_A_10_SYNC_DSASP 323832	29.50 -0.37 0.00	27.92 -0.49 0.00	30.05 -0.58 0.00	21.20 -0.41 0.00	26.95 -0.40 0.00	23.46 -0.19 0.00	40.71 -1.07 0.10	48.30 -1.66 0.00	48.45 -1.92 0.00	43.84 -1.83 0.00	50.44 -2.20 0.00	52.27 -1.91 0.00	50.06 -2.07 0.00	45.20 -1.56 0.00	26.25 -0.98 0.00	21.70 -0.84 1.99	27.11 -0.76 3.89	31.17 -0.89 2.44	45.30 -0.84 0.00	42.05 -0.71 0.00	38.66 -0.65 0.00	35.47 -0.24 0.00	35.40 -0.09 0.00	23.89 0.18 0.00
V_CMM_10_SYNC_DSASP 323787	29.81 -0.05 0.00	28.30 -0.11 0.00	30.53 -0.09 0.00	21.57 -0.04 0.00	27.35 0.01 0.00	23.68 0.03 0.00	41.98 0.10 0.00	49.97 0.01 0.00	50.34 -0.04 0.00	45.80 0.13 0.00	53.01 0.36 0.00	54.56 0.38 0.00	52.47 0.34 0.00	47.09 0.33 0.00	27.37 0.14 0.00	24.42 -0.11 0.00	31.13 -0.38 0.24	34.03 -0.47 0.00	45.66 -0.47 0.00	42.18 -0.59 0.00	38.23 -0.65 0.43	34.96 -0.65 0.10	34.84 -0.66 0.00	23.29 -0.42 0.00
V_CMP_10_SYNC_DSASP 323788	29.24 -0.62 0.00	27.57 -0.84 0.00	29.62 -1.01 0.00	20.98 -0.63 0.00	26.50 -0.84 0.00	22.81 -0.84 0.00	40.59 -1.29 0.00	47.76 -2.20 0.00	48.17 -2.20 0.00	44.90 -0.77 0.00	52.89 0.25 0.00	54.63 0.46 0.00	52.88 0.75 0.00	47.48 0.72 0.00	27.67 0.43 0.00	24.58 0.05 0.00	30.90 -0.61 0.24	33.23 -1.26 0.00	44.70 -1.44 0.00	40.99 -1.77 0.00	36.60 -2.29 0.43	33.27 -2.33 0.10	33.10 -2.40 0.00	22.08 -1.63 0.00
V_D_10_SYNC_DSASP 323841	29.96 0.10 0.00	28.46 0.05 0.00	30.70 0.08 0.00	21.69 0.08 0.00	27.51 0.17 0.00	23.82 0.17 0.00	42.25 0.37 0.00	50.28 0.32 0.00	50.64 0.27 0.00	46.08 0.41 0.00	53.36 0.72 0.00	54.93 0.75 0.00	52.80 0.68 0.00	47.36 0.61 0.00	27.53 0.29 0.00	24.53 0.00 0.00	31.19 -0.33 0.24	34.08 -0.42 0.00	45.76 -0.38 0.00	42.25 -0.51 0.00	38.32 -0.57 0.42	35.05 -0.56 0.10	34.92 -0.58 0.00	23.34 -0.37 0.00
V_E_10_SYNC_DSASP 323830	30.46 0.51 -0.09	28.98 0.49 -0.07	31.61 0.82 -0.17	22.38 0.62 -0.14	29.02 1.50 -0.17	25.94 2.00 -0.30	45.87 3.62 -0.36	54.75 4.29 -0.50	55.07 4.19 -0.50	49.60 3.73 -0.21	56.91 4.24 -0.03	57.12 2.90 -0.04	53.24 1.08 -0.04	47.59 0.76 -0.07	22.56 0.23 4.91	17.31 0.45 7.66	33.88 0.92 -1.21	37.15 1.32 -1.33	48.77 2.06 -0.57	45.57 2.28 -0.52	41.44 1.85 -0.28	37.34 1.53 -0.10	36.87 1.34 -0.03	24.76 0.80 -0.26

V_F_30_NSYNC___DSASP 323816	31.25 1.39 0.00	29.78 1.37 0.00	32.02 1.40 0.00	22.61 1.00 0.00	28.61 1.26 0.00	24.70 1.04 0.00	43.75 1.87 0.00	52.18 2.23 0.00	52.70 2.32 0.00	47.67 2.00 0.00	54.90 2.26 0.00	56.53 2.35 0.00	54.47 2.35 0.00	48.75 2.00 0.00	32.26 1.26 -3.76	32.16 1.26 -6.38	33.65 1.90 0.00	36.54 2.04 0.00	48.78 2.64 0.00	45.25 2.49 0.00	41.69 2.38 0.00	37.79 2.08 0.00	37.55 2.05 0.00	25.08 1.38 0.00
V_F_30_SYNC_DSASP 323786	30.59 0.73 0.00	29.18 0.77 0.00	31.34 0.72 0.00	22.16 0.55 0.00	27.94 0.60 0.00	24.17 0.52 0.00	42.67 0.79 0.00	50.85 0.90 0.00	51.40 1.02 0.00	46.48 0.81 0.00	53.53 0.88 0.00	55.09 0.91 0.00	53.14 1.01 0.00	47.65 0.89 0.00	32.01 0.60 -4.17	32.32 0.72 -7.06	32.87 1.11 0.00	35.65 1.15 0.00	47.52 1.38 0.00	44.09 1.32 0.00	40.66 1.35 0.00	36.92 1.21 0.00	36.75 1.25 0.00	24.63 0.93 0.00
V_XM_10_SYNC_DSASP 323789	29.24 -0.62 0.00	27.57 -0.84 0.00	29.62 -1.01 0.00	20.98 -0.63 0.00	26.50 -0.84 0.00	22.81 -0.84 0.00	40.59 -1.29 0.00	47.76 -2.20 0.00	48.17 -2.20 0.00	44.90 -0.77 0.00	52.89 0.25 0.00	54.63 0.46 0.00	52.88 0.75 0.00	47.48 0.72 0.00	27.67 0.43 0.00	24.58 0.05 0.00	30.90 -0.61 0.24	33.23 -1.26 0.00	44.70 -1.44 0.00	40.99 -1.77 0.00	36.60 -2.29 0.43	33.27 -2.33 0.10	33.10 -2.40 0.00	22.08 -1.63 0.00
W.BABYLN_69_KV_BK1 56697	31.60 1.74 0.00	30.09 1.69 0.00	32.25 1.62 0.00	22.67 1.05 0.00	28.55 1.20 0.00	14.04 0.98 10.60	32.65 1.77 11.01	30.67 2.49 21.78	40.42 2.63 12.58	29.94 2.18 17.92	21.57 2.55 33.63	47.24 2.75 9.70	44.58 2.81 10.36	43.19 2.63 6.20	48.72 1.92 -19.56	59.53 2.01 -32.99	24.42 2.82 10.15	18.29 3.19 19.39	45.23 4.27 5.18	44.41 3.93 2.28	40.95 3.43 1.80	37.24 3.16 1.63	38.64 3.14 0.00	25.69 1.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.54 1.68 0.00	30.05 1.64 0.00	32.23 1.60 0.00	22.70 1.09 0.00	28.66 1.32 0.00	24.88 1.23 0.00	44.13 2.24 0.00	52.93 2.97 0.00	53.25 2.87 0.00	48.06 2.39 0.00	55.33 2.69 0.00	57.02 2.84 0.00	55.00 2.87 0.00	49.32 2.56 0.00	-37.43 1.61 66.28	-85.84 1.79 112.15	34.36 2.60 0.00	37.44 2.94 0.00	50.05 3.92 0.00	46.45 3.68 0.00	42.63 3.32 0.00	38.77 3.06 0.00	38.50 2.99 0.00	25.56 1.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.70 1.84 0.00	30.19 1.78 0.00	32.38 1.75 0.00	22.81 1.20 0.00	28.79 1.45 0.00	24.89 1.24 0.00	44.08 2.20 0.00	52.84 2.89 0.00	53.41 3.03 0.00	48.28 2.61 0.00	55.60 2.96 0.00	57.31 3.13 0.00	55.29 3.16 0.00	49.55 2.79 0.00	48.67 1.77 -19.66	59.77 1.96 -33.28	34.66 2.91 0.00	37.74 3.24 0.00	50.30 4.16 0.00	46.63 3.87 0.00	42.81 3.49 0.00	38.94 3.23 0.00	38.69 3.18 0.00	25.69 1.98 0.00
W50THST__13_KV_LOAD 356117	31.80 1.94 0.00	30.30 1.89 0.00	32.49 1.86 0.00	22.89 1.28 0.00	28.89 1.55 0.00	24.99 1.33 0.00	44.26 2.37 0.00	53.08 3.12 0.00	53.65 3.27 0.00	48.51 2.84 0.00	55.87 3.23 0.00	57.58 3.40 0.00	55.55 3.43 0.00	49.79 3.04 0.00	48.81 1.92 -19.66	59.90 2.09 -33.28	34.82 3.07 0.00	37.91 3.41 0.00	50.54 4.39 0.00	46.83 4.07 0.00	42.98 3.66 0.00	39.08 3.37 0.00	38.82 3.32 0.00	25.78 2.07 0.00
WADING RIVER_IC_1 23522	30.73 0.87 0.00	29.27 0.86 0.00	31.37 0.74 0.00	22.05 0.44 0.00	27.75 0.42 0.00	11.24 0.35 12.77	25.89 0.65 16.64	22.21 1.07 28.82	31.62 1.08 19.83	22.75 0.82 23.74	13.01 1.13 40.77	43.33 1.16 12.00	41.04 1.39 12.47	40.71 1.41 7.46	48.00 1.20 -19.56	58.83 1.32 -32.98	21.39 1.86 12.22	12.80 2.25 23.95	36.89 2.90 12.15	36.73 2.60 8.64	34.69 2.19 6.81	31.60 2.06 6.17	37.56 2.06 0.00	25.02 1.31 0.00
WADING RIVER_IC_2 23547	30.73 0.87 0.00	29.27 0.86 0.00	31.37 0.74 0.00	22.05 0.44 0.00	27.75 0.42 0.00	11.24 0.35 12.77	25.89 0.65 16.64	22.21 1.07 28.82	31.62 1.08 19.83	22.75 0.82 23.74	13.01 1.13 40.77	43.33 1.16 12.00	41.04 1.39 12.47	40.71 1.41 7.46	48.00 1.20 -19.56	58.83 1.32 -32.98	21.39 1.86 12.22	12.80 2.25 23.95	36.89 2.90 12.15	36.73 2.60 8.64	34.69 2.19 6.81	31.60 2.06 6.17	37.56 2.06 0.00	25.02 1.31 0.00
WADING RIVER_IC_3 23601	30.73 0.87 0.00	29.27 0.86 0.00	31.37 0.74 0.00	22.05 0.44 0.00	27.75 0.42 0.00	11.24 0.35 12.77	25.89 0.65 16.64	22.21 1.07 28.82	31.62 1.08 19.83	22.75 0.82 23.74	13.01 1.13 40.77	43.33 1.16 12.00	41.04 1.39 12.47	40.71 1.41 7.46	48.00 1.20 -19.56	58.83 1.32 -32.98	21.39 1.86 12.22	12.80 2.25 23.95	36.89 2.90 12.15	36.73 2.60 8.64	34.69 2.19 6.81	31.60 2.06 6.17	37.56 2.06 0.00	25.02 1.31 0.00
WALDENNY_12_KV_BK2 80841	29.65 -0.21 0.00	28.08 -0.33 0.00	30.17 -0.46 0.00	21.26 -0.35 0.00	27.01 -0.33 0.00	23.50 -0.15 0.00	40.64 -1.07 0.17	48.36 -1.59 0.00	48.54 -1.83 0.00	43.98 -1.69 0.00	50.52 -2.13 0.00	52.44 -1.74 0.00	50.17 -1.96 0.00	45.28 -1.48 0.00	26.30 -0.94 0.00	15.89 -0.81 7.83	24.64 -0.67 6.44	29.78 -0.78 3.93	45.53 -0.60 0.00	42.37 -0.40 0.00	38.97 -0.35 0.00	35.78 0.07 0.00	35.68 0.17 0.00	24.10 0.39 0.00
WALDEN___HYDRO 24148	31.47 1.61 0.00	29.98 1.57 0.00	32.16 1.54 0.00	22.66 1.05 0.00	28.60 1.26 0.00	24.74 1.09 0.00	43.81 1.93 0.00	52.59 2.63 0.00	53.09 2.71 0.00	47.89 2.22 0.00	55.11 2.47 0.00	56.76 2.59 0.00	54.74 2.62 0.00	49.08 2.32 0.00	4.35 1.48 24.37	-15.04 1.67 41.23	34.26 2.51 0.00	37.35 2.85 0.00	49.94 3.80 0.00	46.36 3.60 0.00	42.58 3.27 0.00	38.71 3.00 0.00	38.42 2.92 0.00	25.53 1.81 0.00
WARRENSBURG____ 23737	31.13 1.27 0.00	29.70 1.29 0.00	31.91 1.29 0.00	22.54 0.92 0.00	28.54 1.20 0.00	24.57 0.91 0.00	43.62 1.74 0.00	52.06 2.10 0.00	52.59 2.21 0.00	47.64 1.97 0.00	54.79 2.15 0.00	56.48 2.30 0.00	54.44 2.31 0.00	48.60 1.84 0.00	32.08 1.15 -3.69	31.93 1.15 -6.25	33.60 1.85 0.00	36.45 1.96 0.00	48.69 2.55 0.00	45.18 2.41 0.00	41.58 2.27 0.00	37.63 1.92 0.00	37.36 1.86 0.00	24.97 1.27 0.00
WATERSIDE___6 8 9 23538	31.70 1.84 0.00	30.21 1.81 0.00	32.40 1.77 0.00	22.83 1.21 0.00	28.81 1.47 0.00	24.91 1.26 0.00	44.08 2.20 0.00	52.79 2.83 0.00	53.34 2.97 0.00	48.19 2.52 0.00	55.51 2.86 0.00	57.20 3.02 0.00	55.19 3.07 0.00	49.46 2.70 0.00	48.60 1.76 -19.61	59.69 1.96 -33.20	34.66 2.91 0.00	37.74 3.24 0.00	50.23 4.09 0.00	46.60 3.83 0.00	42.78 3.46 0.00	38.97 3.26 0.00	38.71 3.21 0.00	25.71 2.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.69 0.83 0.00	29.17 0.76 0.00	31.37 0.75 0.00	22.17 0.56 0.00	28.04 0.70 0.00	24.39 0.74 0.00	43.30 1.42 0.00	51.75 1.79 0.00	52.06 1.69 0.00	47.06 1.39 0.00	53.99 1.35 0.00	55.43 1.25 0.00	53.28 1.15 0.00	47.48 0.73 0.00	27.78 0.54 0.00	25.11 0.58 0.00	32.78 1.02 -0.01	35.68 1.19 0.00	47.73 1.59 0.00	44.30 1.53 0.00	40.81 1.47 -0.03	37.07 1.35 -0.01	36.84 1.34 0.00	24.59 0.88 0.00

WDELAWARE___HYD 323627	30.93 1.07 0.00	29.45 1.04 0.00	31.62 0.99 0.00	22.29 0.68 0.00	28.12 0.78 0.00	24.34 0.68 0.00	43.14 1.26 0.00	51.76 1.80 0.00	52.21 1.84 0.00	47.11 1.44 0.00	54.20 1.56 0.00	55.74 1.56 0.00	53.49 1.37 0.00	46.96 0.20 0.00	7.34 0.23 20.13	-9.03 0.49 34.05	32.75 1.00 0.00	35.73 1.24 0.00	47.94 1.80 0.00	45.54 2.78 0.00	41.86 2.55 0.00	38.04 2.33 0.00	37.74 2.24 0.00	25.05 1.34 0.00
WEST BABYLON___IC 23714	31.60 1.74 0.00	30.09 1.69 0.00	32.25 1.62 0.00	22.67 1.05 0.00	28.55 1.20 0.00	14.04 0.98 10.60	32.65 1.77 11.01	30.67 2.49 21.78	40.42 2.63 12.58	29.94 2.18 17.92	21.57 2.55 33.63	47.24 2.75 9.70	44.58 2.81 10.36	43.19 2.63 6.20	48.72 1.92 -19.56	59.53 2.01 -32.99	24.42 2.82 10.15	18.29 3.19 19.39	45.23 4.27 5.18	44.41 3.93 2.28	40.95 3.43 1.80	37.24 3.16 1.63	38.64 3.14 0.00	25.69 1.98 0.00
WEST CANADA___HYD 24049	29.98 0.12 0.00	28.55 0.14 0.00	30.78 0.15 0.00	21.72 0.11 0.00	27.47 0.13 0.00	23.77 0.12 0.00	42.09 0.21 0.00	50.26 0.30 0.00	50.69 0.32 0.00	45.91 0.24 0.00	52.86 0.22 0.00	54.40 0.22 0.00	52.34 0.22 0.00	46.91 0.15 0.00	27.32 0.08 0.00	24.66 0.13 0.00	32.03 0.26 -0.01	34.80 0.30 0.00	46.51 0.37 0.00	43.14 0.37 0.00	39.71 0.37 -0.03	36.07 0.35 -0.01	35.86 0.35 0.00	23.94 0.23 0.00
WESTERN_NY_WIND 24143	30.07 0.21 0.00	28.45 0.04 0.00	30.58 -0.04 0.00	21.59 -0.03 0.00	27.44 0.10 0.00	23.96 0.30 0.00	41.75 -0.03 0.10	49.71 -0.25 0.00	49.90 -0.47 0.00	45.30 -0.37 0.00	52.06 -0.58 0.00	53.77 -0.41 0.00	51.30 -0.82 0.00	46.35 -0.41 0.00	26.92 -0.32 0.00	22.29 -0.32 1.92	28.09 0.03 3.69	32.03 -0.10 2.37	46.60 0.46 0.00	43.29 0.52 0.00	39.77 0.46 0.00	36.44 0.73 0.00	36.25 0.75 0.00	24.39 0.68 0.00
WESTOVER___LESR 323668	30.12 0.26 0.00	28.64 0.23 0.00	30.85 0.22 0.00	21.77 0.15 0.00	27.50 0.16 0.00	23.79 0.13 0.00	42.06 0.17 0.00	50.17 0.21 0.00	50.50 0.12 0.00	45.58 -0.09 0.00	52.38 -0.26 0.00	54.04 -0.14 0.00	51.88 -0.25 0.00	46.57 -0.18 0.00	21.98 -0.15 5.11	15.99 0.03 8.57	31.74 0.26 0.27	34.93 0.43 0.00	46.91 0.77 0.00	43.65 0.89 0.00	40.06 0.75 0.00	36.47 0.76 0.00	36.30 0.80 0.00	24.18 0.47 0.00
WETHRSFD_WT_PWR 323626	29.30 -0.46 0.10	27.74 -0.60 0.08	29.70 -0.74 0.18	20.94 -0.52 0.15	26.63 -0.53 0.19	22.69 -0.65 0.31	30.00 -2.34 9.55	-46.18 -2.51 93.63	-49.50 -2.79 97.09	-45.27 -2.76 88.18	-51.02 -3.50 100.16	-53.30 -3.41 104.07	-32.78 -3.61 81.29	-33.14 -3.24 76.65	-42.18 -1.99 67.43	-18.04 -1.60 40.97	0.67 -1.87 29.22	16.99 -1.78 15.73	44.04 -1.57 0.53	41.18 -1.11 0.48	38.19 -0.87 0.26	35.20 -0.41 0.09	35.17 -0.31 0.02	23.48 0.00 0.24
WHAVSTOR_138KV_BK127 55557	31.37 1.51 0.00	29.89 1.49 0.00	32.06 1.43 0.00	22.58 0.97 0.00	28.50 1.16 0.00	24.65 0.99 0.00	43.76 1.88 0.00	52.45 2.49 0.00	52.98 2.60 0.00	47.85 2.18 0.00	55.10 2.45 0.00	56.77 2.59 0.00	54.77 2.64 0.00	49.11 2.34 0.00	-37.90 1.49 66.63	-86.56 1.67 112.76	34.12 2.37 0.00	37.19 2.69 0.00	49.69 3.55 0.00	46.10 3.34 0.00	42.34 3.03 0.00	38.52 2.81 0.00	38.27 2.77 0.00	25.42 1.71 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.37 1.51 0.00	29.89 1.49 0.00	32.06 1.43 0.00	22.58 0.97 0.00	28.50 1.16 0.00	24.65 0.99 0.00	43.76 1.88 0.00	52.45 2.49 0.00	52.98 2.60 0.00	47.85 2.18 0.00	55.10 2.45 0.00	56.77 2.59 0.00	54.77 2.64 0.00	49.11 2.34 0.00	-37.90 1.49 66.63	-86.56 1.67 112.76	34.12 2.37 0.00	37.19 2.69 0.00	49.69 3.55 0.00	46.10 3.34 0.00	42.34 3.03 0.00	38.52 2.81 0.00	38.27 2.77 0.00	25.42 1.71 0.00
WHITEHAL_115KV_TB1 80871	31.91 2.05 0.00	30.55 2.14 0.00	32.71 2.08 0.00	23.11 1.50 0.00	29.39 2.05 0.00	25.20 1.54 0.00	44.93 3.05 0.00	53.40 3.44 0.00	54.18 3.80 0.00	49.43 3.77 0.00	56.69 4.04 0.00	58.51 4.33 0.00	56.42 4.29 0.00	50.11 3.35 0.00	32.76 1.81 -3.72	32.55 1.71 -6.30	34.63 2.88 0.00	37.32 2.82 0.00	49.83 3.69 0.00	46.34 3.57 0.00	42.73 3.42 0.00	38.56 2.85 0.00	38.29 2.79 0.00	25.72 2.01 0.00
WHITEPLN_13_KV_LOAD 356215	31.72 1.86 0.00	30.21 1.80 0.00	32.40 1.77 0.00	22.83 1.21 0.00	28.81 1.47 0.00	24.92 1.27 0.00	44.13 2.24 0.00	52.91 2.96 0.00	53.49 3.11 0.00	48.33 2.66 0.00	55.65 3.01 0.00	57.33 3.15 0.00	55.33 3.21 0.00	49.58 2.83 0.00	49.42 1.78 -20.40	61.02 1.95 -34.54	34.62 2.87 0.00	37.72 3.22 0.00	50.35 4.21 0.00	46.71 3.94 0.00	42.86 3.55 0.00	38.97 3.26 0.00	38.70 3.20 0.00	25.71 2.01 0.00
WM_FLOYD_69_KV_BK2 356380	31.00 1.14 0.00	29.53 1.12 0.00	31.65 1.02 0.00	22.24 0.63 0.00	28.00 0.66 0.00	11.49 0.57 12.73	26.55 1.03 16.36	22.91 1.50 28.54	32.46 1.55 19.46	23.39 1.24 23.51	13.68 1.64 40.60	43.86 1.64 11.95	41.42 1.73 12.43	41.03 1.70 7.44	48.20 1.40 -19.56	59.01 1.51 -32.98	21.72 2.15 12.18	13.18 2.50 23.82	37.68 3.27 11.73	37.47 2.93 8.23	35.32 2.50 6.49	32.16 2.33 5.88	37.83 2.33 0.00	25.19 1.49 0.00
WOODARD___115KV_TB2 355635	29.44 -0.42 0.00	28.02 -0.39 0.00	30.20 -0.42 0.00	21.32 -0.30 0.00	26.96 -0.38 0.00	23.35 -0.30 0.00	41.33 -0.55 0.00	49.35 -0.61 0.00	49.75 -0.64 -0.01	45.03 -0.64 0.00	51.83 -0.82 0.00	53.34 -0.84 0.00	51.28 -0.84 0.00	46.04 -0.72 0.00	26.83 -0.41 0.00	24.24 -0.29 0.00	31.51 -0.24 0.00	34.29 -0.21 0.00	45.86 -0.28 0.00	42.57 -0.20 0.00	39.10 -0.21 0.00	35.54 -0.17 0.00	35.32 -0.18 0.00	23.56 -0.15 0.00
WOODMERE_69_KV_BK1 55827	31.68 1.82 0.00	30.19 1.78 0.00	32.33 1.71 0.00	22.76 1.15 0.00	28.67 1.33 0.00	24.74 1.09 0.00	43.71 1.83 0.00	52.52 2.57 0.00	53.13 2.76 0.00	47.96 2.30 0.00	55.35 2.70 0.00	57.09 2.91 0.00	55.05 2.92 0.00	49.46 2.70 0.00	48.69 1.88 -19.58	59.60 2.00 -33.08	34.58 2.83 0.00	37.70 3.20 0.00	50.46 4.32 -0.01	46.79 4.02 0.00	42.87 3.56 0.00	38.98 3.27 0.00	38.73 3.23 0.00	25.75 2.05 0.00
YORK___WARBASSE 23770	31.76 1.90 0.00	30.27 1.86 0.00	32.45 1.82 0.00	22.86 1.24 0.00	28.86 1.52 0.00	24.94 1.29 0.00	44.14 2.25 0.00	52.90 2.94 0.00	53.49 3.12 0.00	48.28 2.62 0.00	55.64 3.00 0.00	57.32 3.15 0.00	55.32 3.19 0.00	49.57 2.81 0.00	48.67 1.83 -19.61	59.76 2.03 -33.20	34.74 2.98 0.00	37.82 3.32 0.00	50.39 4.25 0.00	46.80 4.03 0.00	42.96 3.65 0.00	39.14 3.43 0.00	38.85 3.35 0.00	25.79 2.09 0.00