

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/17/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	50.80	38.63	34.41	33.94	37.52	46.40	57.27	62.72	56.74	55.02	38.72	33.49	33.85	33.00	36.85	38.22	56.41	54.84	126.19	70.37	55.22	46.60	48.58	39.09
24138	3.20	2.32	1.94	1.92	2.06	2.74	3.45	3.85	3.72	4.00	2.99	2.60	2.45	2.31	2.44	2.86	3.42	3.43	6.34	3.79	3.11	2.60	2.32	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	50.82	38.64	34.43	33.96	37.53	46.41	57.27	62.69	56.72	54.96	38.65	33.42	33.78	32.94	36.78	38.16	56.36	54.84	126.25	70.39	55.23	46.60	48.61	39.12
24260	3.21	2.32	1.96	1.94	2.07	2.75	3.44	3.82	3.70	3.94	2.92	2.53	2.38	2.25	2.37	2.80	3.37	3.43	6.40	3.81	3.13	2.59	2.35	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	50.82	38.64	34.43	33.96	37.53	46.41	57.27	62.69	56.72	54.96	38.65	33.42	33.78	32.94	36.78	38.16	56.36	54.84	126.25	70.39	55.23	46.60	48.61	39.12
24261	3.21	2.32	1.96	1.94	2.07	2.75	3.44	3.82	3.70	3.94	2.92	2.53	2.38	2.25	2.37	2.80	3.37	3.43	6.40	3.81	3.13	2.59	2.35	1.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	49.80	37.79	33.72	33.33	36.87	45.63	56.53	62.22	55.91	53.57	36.93	31.80	32.34	31.77	35.79	37.31	56.10	54.70	126.45	70.14	54.73	46.00	47.97	38.52
24011	2.19	1.48	1.25	1.31	1.40	1.96	2.71	3.34	2.88	2.55	1.20	0.91	0.94	1.09	1.38	1.96	3.11	3.29	6.61	3.56	2.63	2.00	1.71	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	49.90	37.82	33.74	33.36	36.90	45.76	56.75	62.59	56.23	53.87	37.01	31.81	32.35	31.85	35.91	37.50	56.49	55.06	127.13	70.43	54.96	46.23	48.19	38.66
23798	2.29	1.51	1.27	1.34	1.43	2.09	2.93	3.72	3.21	2.85	1.28	0.92	0.96	1.16	1.51	2.14	3.50	3.66	7.29	3.85	2.85	2.23	1.92	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	49.80	37.79	33.72	33.33	36.87	45.63	56.53	62.22	55.91	53.57	36.93	31.80	32.34	31.77	35.79	37.31	56.10	54.70	126.45	70.14	54.73	46.00	47.97	38.52
24028	2.19	1.48	1.25	1.31	1.40	1.96	2.71	3.34	2.88	2.55	1.20	0.91	0.94	1.09	1.38	1.96	3.11	3.29	6.61	3.56	2.63	2.00	1.71	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	50.66	38.52	34.30	33.90	37.48	46.31	57.13	62.72	56.44	54.15	37.43	32.25	32.69	32.01	36.03	37.47	56.15	54.69	126.31	70.17	54.76	45.99	48.11	38.67
23527	3.05	2.21	1.83	1.88	2.01	2.65	3.31	3.85	3.42	3.13	1.70	1.36	1.30	1.32	1.62	2.11	3.16	3.28	6.47	3.58	2.66	1.99	1.85	1.39
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	49.43	37.68	33.69	33.24	36.77	45.13	55.12	60.17	54.19	52.08	36.17	31.30	31.73	31.04	34.76	36.02	53.89	52.43	121.46	67.46	52.70	44.38	46.52	37.43
24190	1.82	1.37	1.21	1.22	1.31	1.46	1.30	1.30	1.17	1.06	0.43	0.41	0.33	0.35	0.36	0.66	0.90	1.03	1.62	0.87	0.59	0.38	0.26	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	43.16	32.69	29.05	28.63	31.85	39.56	49.08	53.72	47.77	45.06	32.10	27.57	28.12	27.43	30.95	31.55	48.37	46.56	111.14	61.03	49.80	44.08	46.59	37.63
355683	-0.11	0.02	-0.03	-0.02	-0.04	0.00	0.01	-0.08	-0.14	-0.18	-0.03	-0.01	0.05	0.04	0.07	-0.24	0.06	-0.26	0.25	0.00	-0.02	0.08	0.32	0.35
	4.34	3.64	3.40	3.37	3.58	4.10	4.75	5.07	5.12	5.77	3.61	3.31	3.34	3.29	3.53	3.57	4.68	4.59	8.95	5.55	2.29	0.00	0.00	0.00
ALBANY_1_SOLAR	49.97	38.08	34.08	33.62	37.19	45.69	56.06	61.29	55.11	52.84	36.63	31.60	32.10	31.46	35.25	36.63	54.95	53.54	124.13	68.90	53.86	45.34	47.62	38.33
323833	2.37	1.77	1.60	1.60	1.72	2.02	2.24	2.42	2.09	1.82	0.90	0.71	0.70	0.77	0.85	1.27	1.96	2.13	4.29	2.32	1.76	1.33	1.36	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	49.97	38.07	34.06	33.62	37.17	45.67	56.04	61.27	55.10	52.82	36.62	31.60	32.09	31.45	35.24	36.62	54.93	53.52	124.11	68.89	53.84	45.33	47.61	38.31
323834	2.36	1.76	1.59	1.59	1.71	2.00	2.23	2.40	2.08	1.80	0.89	0.71	0.69	0.76	0.84	1.26	1.94	2.11	4.26	2.30	1.74	1.33	1.35	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	49.43	37.68	33.69	33.24	36.77	45.13	55.12	60.17	54.19	52.08	36.17	31.30	31.73	31.04	34.76	36.02	53.89	52.43	121.46	67.46	52.70	44.38	46.52	37.43
23571	1.82	1.37	1.21	1.22	1.31	1.46	1.30	1.30	1.17	1.06	0.43	0.41	0.33	0.35	0.36	0.66	0.90	1.03	1.62	0.87	0.59	0.38	0.26	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	49.43 1.82 0.00	37.68 1.37 0.00	33.69 1.21 0.00	33.24 1.22 0.00	36.77 1.31 0.00	45.13 1.46 0.00	55.12 1.30 0.00	60.17 1.30 0.00	54.19 1.17 0.00	52.08 1.06 0.00	36.17 0.43 0.00	31.30 0.41 0.00	31.73 0.33 0.00	31.04 0.35 0.00	34.76 0.36 0.00	36.02 0.66 0.00	53.89 0.90 0.00	52.43 1.03 0.00	121.46 1.62 0.00	67.46 0.87 0.00	52.70 0.59 0.00	44.38 0.38 0.00	46.52 0.26 0.00	37.43 0.15 0.00
ALBANY___3 23573	49.43 1.82 0.00	37.68 1.37 0.00	33.69 1.21 0.00	33.24 1.22 0.00	36.77 1.31 0.00	45.13 1.46 0.00	55.12 1.30 0.00	60.17 1.30 0.00	54.19 1.17 0.00	52.08 1.06 0.00	36.17 0.43 0.00	31.30 0.41 0.00	31.73 0.33 0.00	31.04 0.35 0.00	34.76 0.36 0.00	36.02 0.66 0.00	53.89 0.90 0.00	52.43 1.03 0.00	121.46 1.62 0.00	67.46 0.87 0.00	52.70 0.59 0.00	44.38 0.38 0.00	46.52 0.26 0.00	37.43 0.15 0.00
ALBANY___4 23574	49.43 1.82 0.00	37.68 1.37 0.00	33.69 1.21 0.00	33.24 1.22 0.00	36.77 1.31 0.00	45.13 1.46 0.00	55.12 1.30 0.00	60.17 1.30 0.00	54.19 1.17 0.00	52.08 1.06 0.00	36.17 0.43 0.00	31.30 0.41 0.00	31.73 0.33 0.00	31.04 0.35 0.00	34.76 0.36 0.00	36.02 0.66 0.00	53.89 0.90 0.00	52.43 1.03 0.00	121.46 1.62 0.00	67.46 0.87 0.00	52.70 0.59 0.00	44.38 0.38 0.00	46.52 0.26 0.00	37.43 0.15 0.00
ALBANY___LFGE 323615	49.75 2.14 0.00	37.90 1.59 0.00	33.87 1.40 0.00	33.42 1.40 0.00	36.98 1.52 0.00	45.42 1.76 0.00	55.60 1.78 0.00	60.77 1.90 0.00	54.74 1.71 0.00	52.61 1.59 0.00	36.56 0.83 0.00	31.62 0.74 0.00	32.07 0.67 0.00	31.37 0.68 0.00	35.15 0.74 0.00	36.44 1.08 0.00	54.53 1.54 0.00	53.09 1.68 0.00	122.92 3.08 0.00	68.25 1.67 0.00	53.30 1.19 0.00	44.89 0.88 0.00	47.03 0.77 0.00	37.83 0.54 0.00
ALCOA_PA_115KV_PL-6C 55860	43.30 0.04 4.34	32.80 0.12 3.64	29.15 0.07 3.40	28.72 0.07 3.37	31.96 0.07 3.58	39.70 0.13 4.10	49.24 0.17 4.75	53.89 0.09 5.07	47.93 0.02 5.12	45.22 -0.03 5.77	32.22 0.10 3.61	27.69 0.11 3.31	28.21 0.15 3.34	27.53 0.13 3.29	31.06 0.18 3.53	31.66 -0.13 3.57	48.54 0.23 4.68	46.73 -0.09 4.59	111.51 0.62 8.95	61.23 0.20 5.55	49.95 0.14 2.29	44.23 0.23 0.00	46.73 0.46 0.00	37.74 0.46 0.00
ALCOA_RYNLDS___DRP 24188	43.30 0.04 4.34	32.80 0.12 3.64	29.15 0.07 3.40	28.72 0.07 3.37	31.96 0.07 3.58	39.70 0.13 4.10	49.24 0.17 4.75	53.89 0.09 5.07	47.93 0.02 5.12	45.22 -0.03 5.77	32.22 0.10 3.61	27.69 0.11 3.31	28.21 0.15 3.34	27.53 0.13 3.29	31.06 0.18 3.53	31.66 -0.13 3.57	48.54 0.23 4.68	46.73 -0.09 4.59	111.51 0.62 8.95	61.23 0.20 5.55	49.95 0.14 2.29	44.23 0.23 0.00	46.73 0.46 0.00	37.74 0.46 0.00
ALCOA___DSASP 323711	43.30 0.04 4.34	32.80 0.12 3.64	29.15 0.07 3.40	28.72 0.07 3.37	31.95 0.07 3.58	39.70 0.13 4.10	49.24 0.17 4.75	53.89 0.09 5.07	47.93 0.02 5.12	45.22 -0.03 5.77	32.22 0.10 3.61	27.69 0.11 3.31	28.21 0.15 3.34	27.53 0.13 3.29	31.06 0.18 3.53	31.66 -0.12 3.57	48.54 0.23 4.68	46.73 -0.09 4.59	111.51 0.62 8.95	61.23 0.20 5.55	49.95 0.14 2.29	44.23 0.23 0.00	46.73 0.47 0.00	37.74 0.46 0.00
ALLEGHENY___COGEN 23514	45.90 -1.71 0.00	35.01 -1.31 0.00	31.83 -1.13 -0.49	30.79 -1.33 -0.11	34.23 -1.23 0.00	42.49 -1.18 0.00	53.14 -0.79 -0.11	76.43 -0.93 -18.49	70.61 -0.91 -18.50	79.93 -1.51 -30.41	34.68 -1.06 0.00	30.19 -0.69 0.00	30.66 -0.74 0.00	29.74 -0.95 0.00	33.73 -0.68 0.00	35.56 0.20 0.00	52.93 -0.07 -0.01	52.02 0.61 0.00	121.34 1.50 0.00	67.55 0.96 0.00	53.02 0.92 0.00	45.05 1.05 0.00	47.59 1.33 0.00	38.43 1.15 0.00
ALTAMONT_115KV_TB 2 55880	49.25 1.64 0.00	37.50 1.19 0.00	33.54 1.07 0.00	33.09 1.07 0.00	36.63 1.16 0.00	45.00 1.34 0.00	55.33 1.50 0.00	60.54 1.67 0.00	54.52 1.49 0.00	52.43 1.41 0.00	36.54 0.80 0.00	31.57 0.68 0.00	32.04 0.65 0.00	31.32 0.63 0.00	35.10 0.70 0.00	36.35 0.99 0.00	54.34 1.36 0.00	52.88 1.47 0.00	122.60 2.75 0.00	68.11 1.53 0.00	53.26 1.16 0.00	44.87 0.87 0.00	47.06 0.80 0.00	37.88 0.59 0.00
ALTONA_WT_PWR 323606	-21.18 -1.72 67.07	-21.22 -1.35 56.18	-21.17 -1.18 52.48	-21.11 -1.12 52.02	-21.16 -1.32 55.30	-21.19 -1.53 63.33	-21.12 -1.62 73.33	-21.30 -1.80 78.37	-21.46 -1.67 72.82	-21.20 -1.73 70.48	-21.20 -1.16 55.77	-21.20 -1.03 51.05	-21.16 -1.02 51.54	-21.11 -0.95 50.85	-21.13 -1.10 54.44	-21.10 -1.29 55.17	-20.75 -1.46 72.28	-21.11 -1.69 70.84	-21.20 -2.79 138.26	-21.12 -2.04 85.66	15.07 -1.64 35.40	42.97 -1.04 0.00	45.75 -0.51 0.00	37.18 -0.10 0.00
AMERICAN_REF_FUEL 24010	42.07 -5.54 0.00	32.17 -4.14 0.00	28.72 -3.63 0.12	28.25 -3.75 0.03	31.57 -3.89 0.00	39.09 -4.57 0.00	48.35 -5.44 0.03	47.59 -6.58 4.70	42.68 -5.64 4.71	37.84 -5.44 7.74	31.99 -3.74 0.00	27.69 -3.20 0.00	28.45 -2.95 0.00	27.73 -2.96 0.00	31.49 -2.91 0.00	32.53 -2.83 0.00	47.44 -5.54 0.00	46.40 -5.01 0.00	107.81 -12.03 0.00	60.03 -6.55 0.00	47.21 -4.89 0.00	40.56 -3.45 0.00	43.40 -2.86 0.00	35.43 -1.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.15 -5.46 0.00	32.30 -4.01 0.00	28.71 -3.64 0.13	28.19 -3.81 0.03	31.56 -3.90 0.00	39.25 -4.42 0.00	48.70 -5.10 0.03	48.08 -6.02 4.77	43.26 -4.98 4.78	38.66 -4.50 7.86	33.29 -2.44 0.00	28.41 -2.48 0.00	28.87 -2.53 0.00	28.27 -2.42 0.00	32.04 -2.37 0.00	33.28 -2.07 0.00	49.45 -3.53 0.00	48.89 -2.52 0.00	113.59 -6.25 0.00	63.63 -2.95 0.00	50.28 -1.82 0.00	43.22 -0.78 0.00	45.97 -0.29 0.00	37.10 -0.19 0.00
ARTHUR KILL_GT_1 23520	50.82 3.22 0.00	38.75 2.44 0.00	34.50 2.02 0.00	34.02 1.99 0.00	37.58 2.11 0.00	46.44 2.78 0.00	57.19 3.37 0.00	62.27 3.40 0.00	56.26 3.24 0.00	54.60 3.58 0.00	38.64 2.91 0.00	33.36 2.48 0.00	33.70 2.30 0.00	32.84 2.15 0.00	36.69 2.29 0.00	38.09 2.73 0.00	56.05 3.06 0.00	54.41 3.01 0.00	125.19 5.35 0.00	69.77 3.19 0.00	54.80 2.70 0.00	46.56 2.56 0.00	48.52 2.26 0.00	39.12 1.84 0.00
ARTHUR_KILL_2 23512	50.69 3.09 0.00	38.65 2.34 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.02 0.00	46.32 2.66 0.00	57.02 3.20 0.00	62.09 3.22 0.00	56.10 3.08 0.00	54.45 3.43 0.00	38.54 2.81 0.00	33.28 2.39 0.00	33.62 2.22 0.00	32.76 2.06 0.00	36.60 2.20 0.00	37.99 2.63 0.00	55.89 2.90 0.00	54.24 2.83 0.00	124.80 4.96 0.00	69.57 2.99 0.00	54.63 2.52 0.00	46.42 2.41 0.00	48.37 2.11 0.00	39.02 1.73 0.00
ARTHUR_KILL_3 23513	50.29 2.68 0.00	38.24 1.93 0.00	34.06 1.58 0.00	33.62 1.60 0.00	37.16 1.69 0.00	45.93 2.26 0.00	56.62 2.80 0.00	61.93 3.06 0.00	56.01 2.99 0.00	54.29 3.28 0.00	38.23 2.49 0.00	33.05 2.16 0.00	33.40 2.01 0.00	32.56 1.87 0.00	36.34 1.94 0.00	37.71 2.35 0.00	55.64 2.65 0.00	54.10 2.69 0.00	124.41 4.57 0.00	69.37 2.81 0.02	54.48 2.38 0.00	46.02 2.02 0.00	48.00 1.74 0.00	38.65 1.37 0.00

ARTHUR_KILL_COGEN 323718	50.82 3.22 0.00	38.75 2.44 0.00	34.50 2.02 0.00	34.02 1.99 0.00	37.58 2.11 0.00	46.44 2.78 0.00	57.19 3.37 0.00	62.27 3.40 0.00	56.26 3.24 0.00	54.60 3.58 0.00	38.64 2.91 0.00	33.36 2.48 0.00	33.70 2.30 0.00	32.84 2.15 0.00	36.69 2.29 0.00	38.09 2.73 0.00	56.05 3.06 0.00	54.41 3.01 0.00	125.19 5.35 0.00	69.77 3.19 0.00	54.80 2.70 0.00	46.56 2.56 0.00	48.52 2.26 0.00	39.12 1.84 0.00
ASHOKAN____ 23654	51.24 3.63 0.00	39.02 2.71 0.00	34.94 2.47 0.00	34.41 2.38 0.00	38.00 2.53 0.00	46.86 3.19 0.00	57.90 4.09 0.00	63.67 4.80 0.00	57.46 4.44 0.00	55.28 4.27 0.00	38.39 2.66 0.00	32.88 1.99 0.00	33.19 1.80 0.00	32.45 1.76 0.00	36.48 2.08 0.00	38.11 2.76 0.00	57.26 4.27 0.00	56.06 4.65 0.00	129.84 10.00 0.00	72.16 5.58 0.00	56.41 4.30 0.00	47.41 3.41 0.00	49.54 3.28 0.00	39.72 2.44 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.53 2.93 0.00	38.42 2.11 0.00	34.24 1.77 0.00	33.80 1.78 0.00	37.19 1.72 0.00	46.02 2.35 0.00	56.87 3.04 0.00	62.26 3.39 0.00	56.32 3.30 0.00	54.54 3.52 0.00	38.40 2.67 0.00	33.21 2.33 0.00	33.49 2.09 0.00	32.65 1.96 0.00	36.46 2.05 0.00	37.84 2.48 0.00	55.82 2.84 0.00	54.38 2.98 0.00	125.39 5.55 0.00	69.93 3.35 0.00	54.79 2.68 0.00	46.27 2.27 0.00	48.28 2.02 0.00	38.92 1.63 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.54 2.93 0.00	38.43 2.12 0.00	34.24 1.77 0.00	33.80 1.78 0.00	37.19 1.73 0.00	46.02 2.35 0.00	56.87 3.04 0.00	62.26 3.39 0.00	56.32 3.30 0.00	54.54 3.52 0.00	38.40 2.67 0.00	33.21 2.33 0.00	33.49 2.09 0.00	32.65 1.96 0.00	36.46 2.05 0.00	37.84 2.48 0.00	55.82 2.84 0.00	54.38 2.98 0.00	125.39 5.55 0.00	69.93 3.35 0.00	54.79 2.68 0.00	46.27 2.27 0.00	48.28 2.02 0.00	38.92 1.63 0.00
ASTORIA_GT2_1 24094	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT2_2 24095	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT2_3 24096	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT2_4 24097	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT3_1 24098	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT3_2 24099	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT3_3 24100	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT3_4 24101	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT4_1 24102	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT4_2 24103	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT4_3 24104	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00

ASTORIA_GT4_4 24105	50.57 2.97 0.00	38.44 2.13 0.00	34.26 1.78 0.00	33.82 1.80 0.00	37.21 1.74 0.00	46.04 2.37 0.00	56.89 3.06 0.00	62.28 3.41 0.00	56.34 3.32 0.00	54.58 3.56 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.11 0.00	32.67 1.97 0.00	36.47 2.07 0.00	37.85 2.49 0.00	55.84 2.85 0.00	54.40 2.99 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA_GT_1 23523	50.63 3.03 0.00	38.50 2.19 0.00	34.31 1.83 0.00	33.86 1.84 0.00	37.26 1.79 0.00	46.11 2.44 0.00	56.98 3.15 0.00	62.40 3.52 0.00	56.45 3.43 0.00	54.68 3.66 0.00	38.50 2.77 0.00	33.29 2.40 0.00	33.56 2.16 0.00	32.73 2.04 0.00	36.55 2.15 0.00	37.94 2.58 0.00	55.98 2.99 0.00	54.52 3.11 0.00	125.68 5.84 0.00	70.10 3.52 0.00	54.93 2.82 0.00	46.38 2.38 0.00	48.38 2.11 0.00	39.00 1.72 0.00
ASTORIA_GT_10 24110	50.62 3.01 0.00	38.47 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.33 1.86 0.00	46.18 2.51 0.00	56.98 3.16 0.00	62.34 3.47 0.00	56.40 3.37 0.00	54.67 3.65 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.54 2.14 0.00	37.90 2.54 0.00	55.88 2.89 0.00	54.38 2.97 0.00	125.26 5.41 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
ASTORIA_GT_11 24225	50.62 3.01 0.00	38.47 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.33 1.86 0.00	46.18 2.51 0.00	56.98 3.16 0.00	62.34 3.47 0.00	56.40 3.37 0.00	54.67 3.65 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.54 2.14 0.00	37.90 2.54 0.00	55.88 2.89 0.00	54.38 2.97 0.00	125.26 5.41 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
ASTORIA_GT_12 24226	50.62 3.01 0.00	38.47 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.33 1.86 0.00	46.18 2.51 0.00	56.98 3.16 0.00	62.34 3.47 0.00	56.40 3.37 0.00	54.67 3.65 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.54 2.14 0.00	37.90 2.54 0.00	55.88 2.89 0.00	54.38 2.97 0.00	125.26 5.41 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
ASTORIA_GT_13 24227	50.62 3.01 0.00	38.47 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.33 1.86 0.00	46.18 2.51 0.00	56.98 3.16 0.00	62.34 3.47 0.00	56.40 3.37 0.00	54.67 3.65 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.54 2.14 0.00	37.90 2.54 0.00	55.88 2.89 0.00	54.38 2.97 0.00	125.26 5.41 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
ASTORIA_GT_5 24106	50.65 3.04 0.00	38.49 2.18 0.00	34.31 1.83 0.00	33.86 1.84 0.00	37.25 1.78 0.00	46.10 2.44 0.00	56.99 3.16 0.00	62.39 3.52 0.00	56.45 3.43 0.00	54.68 3.66 0.00	38.49 2.76 0.00	33.28 2.39 0.00	33.57 2.17 0.00	32.73 2.04 0.00	36.54 2.14 0.00	37.92 2.57 0.00	55.97 2.98 0.00	54.50 3.10 0.00	125.68 5.84 0.00	70.10 3.52 0.00	54.93 2.82 0.00	46.38 2.38 0.00	48.38 2.12 0.00	39.00 1.72 0.00
ASTORIA_GT_7 24107	50.65 3.04 0.00	38.49 2.18 0.00	34.31 1.83 0.00	33.86 1.84 0.00	37.25 1.78 0.00	46.10 2.44 0.00	56.99 3.16 0.00	62.39 3.52 0.00	56.45 3.43 0.00	54.68 3.66 0.00	38.49 2.76 0.00	33.28 2.39 0.00	33.57 2.17 0.00	32.73 2.04 0.00	36.54 2.14 0.00	37.92 2.57 0.00	55.97 2.98 0.00	54.50 3.10 0.00	125.68 5.84 0.00	70.10 3.52 0.00	54.93 2.82 0.00	46.38 2.38 0.00	48.38 2.12 0.00	39.00 1.72 0.00
ASTORIA_GT_8 24108	50.65 3.04 0.00	38.49 2.18 0.00	34.31 1.83 0.00	33.86 1.84 0.00	37.25 1.78 0.00	46.10 2.44 0.00	56.99 3.16 0.00	62.39 3.52 0.00	56.45 3.43 0.00	54.68 3.66 0.00	38.49 2.76 0.00	33.28 2.39 0.00	33.57 2.17 0.00	32.73 2.04 0.00	36.54 2.14 0.00	37.92 2.57 0.00	55.97 2.98 0.00	54.50 3.10 0.00	125.68 5.84 0.00	70.10 3.52 0.00	54.93 2.82 0.00	46.38 2.38 0.00	48.38 2.12 0.00	39.00 1.72 0.00
ASTORIA___2 24149	50.55 2.95 0.00	38.44 2.14 0.00	34.25 1.78 0.00	33.82 1.79 0.00	37.21 1.74 0.00	46.04 2.38 0.00	56.89 3.06 0.00	62.29 3.42 0.00	56.34 3.32 0.00	54.57 3.55 0.00	38.42 2.69 0.00	33.23 2.34 0.00	33.50 2.10 0.00	32.67 1.98 0.00	36.48 2.08 0.00	37.86 2.50 0.00	55.86 2.88 0.00	54.41 3.01 0.00	125.43 5.59 0.00	69.97 3.39 0.00	54.82 2.72 0.00	46.30 2.29 0.00	48.30 2.04 0.00	38.93 1.65 0.00
ASTORIA___3 23516	50.60 3.00 0.00	38.47 2.16 0.00	34.28 1.80 0.00	33.82 1.79 0.00	37.33 1.86 0.00	46.17 2.51 0.00	56.98 3.16 0.00	62.32 3.45 0.00	56.38 3.36 0.00	54.66 3.64 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.55 2.15 0.00	37.90 2.54 0.00	55.89 2.90 0.00	54.39 2.98 0.00	125.26 5.42 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
ASTORIA___4 23517	50.60 2.99 0.00	38.46 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.33 1.86 0.00	46.17 2.50 0.00	56.98 3.16 0.00	62.33 3.46 0.00	56.39 3.36 0.00	54.66 3.65 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.54 2.14 0.00	37.90 2.54 0.00	55.88 2.89 0.00	54.38 2.97 0.00	125.26 5.41 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
ASTORIA___5 23518	50.60 3.00 0.00	38.47 2.16 0.00	34.28 1.80 0.00	33.82 1.79 0.00	37.33 1.86 0.00	46.17 2.51 0.00	56.98 3.16 0.00	62.32 3.45 0.00	56.38 3.36 0.00	54.66 3.64 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.55 2.15 0.00	37.90 2.54 0.00	55.89 2.90 0.00	54.39 2.98 0.00	125.25 5.41 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
AST_ENERGY_2_CC3 323677	50.39 2.78 0.00	38.33 2.02 0.00	34.15 1.68 0.00	33.70 1.68 0.00	37.24 1.78 0.00	46.01 2.34 0.00	56.71 2.89 0.00	62.03 3.16 0.00	56.12 3.09 0.00	54.40 3.38 0.00	38.30 2.57 0.00	33.16 2.27 0.00	33.52 2.12 0.00	32.66 1.97 0.00	36.39 1.99 0.00	37.76 2.40 0.00	55.75 2.76 0.00	54.21 2.80 0.00	124.79 4.95 0.00	69.61 3.03 0.00	54.61 2.51 0.00	46.08 2.08 0.00	48.06 1.80 0.00	38.71 1.42 0.00
AST_ENERGY_2_CC4 323678	50.39 2.78 0.00	38.33 2.02 0.00	34.15 1.68 0.00	33.70 1.68 0.00	37.24 1.78 0.00	46.01 2.34 0.00	56.71 2.89 0.00	62.03 3.16 0.00	56.12 3.09 0.00	54.40 3.38 0.00	38.30 2.57 0.00	33.16 2.27 0.00	33.52 2.12 0.00	32.66 1.97 0.00	36.39 1.99 0.00	37.76 2.40 0.00	55.75 2.76 0.00	54.21 2.80 0.00	124.79 4.95 0.00	69.61 3.03 0.00	54.61 2.51 0.00	46.08 2.08 0.00	48.06 1.80 0.00	38.71 1.42 0.00

ATHENS_STG_1 23668	49.51 1.90 0.00	37.66 1.35 0.00	33.70 1.22 0.00	33.23 1.21 0.00	36.78 1.31 0.00	45.18 1.52 0.00	55.64 1.82 0.00	60.92 2.05 0.00	54.95 1.92 0.00	52.95 1.93 0.00	36.99 1.26 0.00	31.95 1.05 0.00	32.39 0.99 0.00	31.64 0.95 0.00	35.44 1.04 0.00	36.70 1.34 0.00	54.69 1.70 0.00	53.22 1.82 0.00	123.20 3.36 0.00	68.54 1.95 0.00	53.64 1.54 0.00	45.20 1.20 0.00	47.34 1.08 0.00	38.11 0.82 0.00
ATHENS_STG_2 23670	49.51 1.90 0.00	37.66 1.35 0.00	33.70 1.22 0.00	33.23 1.21 0.00	36.78 1.31 0.00	45.18 1.52 0.00	55.64 1.82 0.00	60.92 2.05 0.00	54.95 1.92 0.00	52.95 1.93 0.00	36.99 1.26 0.00	31.95 1.05 0.00	32.39 0.99 0.00	31.64 0.95 0.00	35.44 1.04 0.00	36.70 1.34 0.00	54.69 1.70 0.00	53.22 1.82 0.00	123.20 3.36 0.00	68.54 1.95 0.00	53.64 1.54 0.00	45.20 1.20 0.00	47.34 1.08 0.00	38.11 0.82 0.00
ATHENS_STG_3 23677	49.51 1.90 0.00	37.66 1.35 0.00	33.70 1.22 0.00	33.23 1.21 0.00	36.78 1.31 0.00	45.18 1.52 0.00	55.64 1.82 0.00	60.92 2.05 0.00	54.95 1.92 0.00	52.95 1.93 0.00	36.99 1.26 0.00	31.95 1.05 0.00	32.39 0.99 0.00	31.64 0.95 0.00	35.44 1.04 0.00	36.70 1.34 0.00	54.69 1.70 0.00	53.22 1.82 0.00	123.20 3.36 0.00	68.54 1.95 0.00	53.64 1.54 0.00	45.20 1.20 0.00	47.34 1.08 0.00	38.11 0.82 0.00
AUBURN___LFGE 323710	46.85 -0.76 0.00	35.72 -0.59 0.00	31.97 -0.51 0.00	31.47 -0.55 0.00	34.96 -0.51 0.00	42.98 -0.69 0.00	53.34 -0.48 0.00	58.30 -0.58 0.00	52.45 -0.57 0.00	50.37 -0.65 0.00	35.42 -0.31 0.00	30.59 -0.31 0.00	31.18 -0.22 0.00	30.48 -0.21 0.00	34.22 -0.18 0.00	35.20 -0.16 0.00	52.43 -0.56 0.00	51.17 -0.24 0.00	119.50 -0.34 0.00	66.29 -0.30 0.00	51.97 -0.14 0.00	43.95 -0.06 0.00	46.21 -0.05 0.00	37.09 -0.19 0.00
BABYLON_RES_REC 323704	51.42 3.81 0.00	38.77 2.45 0.00	34.60 2.12 0.00	34.01 1.98 0.00	37.54 2.08 0.00	46.70 3.04 0.00	57.49 3.67 0.00	63.14 4.27 0.00	57.14 4.11 0.00	55.18 4.16 0.00	38.56 2.83 0.00	33.07 2.18 0.00	33.40 2.00 0.00	32.52 1.83 0.00	36.76 2.35 0.00	38.16 2.80 0.00	56.54 3.55 0.00	55.33 3.93 0.00	126.68 6.84 0.00	71.09 4.51 0.00	55.81 3.71 0.00	47.12 3.11 0.00	49.24 2.98 0.00	39.52 2.23 0.00
BABYLON__69_KV_BK2 356345	51.93 4.32 0.00	39.10 2.79 0.00	34.90 2.43 0.00	34.30 2.28 0.00	37.86 2.40 0.00	47.14 3.48 0.00	58.07 4.25 0.00	63.76 4.89 0.00	57.65 4.63 0.00	55.70 4.68 0.00	38.92 3.19 0.00	33.35 2.46 0.00	33.68 2.28 0.00	32.79 2.10 0.00	37.10 2.70 0.00	38.54 3.18 0.00	57.17 4.18 0.00	56.03 4.62 0.00	128.21 8.37 0.00	71.95 5.37 0.00	56.50 4.39 0.00	47.68 3.68 0.00	49.82 3.56 0.00	39.95 2.66 0.00
BALL_HILL_WT_PWR 323825	42.96 -4.65 0.00	32.90 -3.41 0.00	29.24 -3.07 0.16	28.74 -3.25 0.04	32.18 -3.29 0.00	39.90 -3.77 0.00	49.45 -4.34 0.04	47.27 -5.34 6.27	42.20 -4.56 6.27	36.37 -4.34 10.31	33.17 -2.56 0.00	28.53 -2.36 0.00	29.22 -2.18 0.00	28.57 -2.12 0.00	32.38 -2.02 0.00	33.58 -1.78 0.00	49.41 -3.58 0.00	48.49 -2.92 0.00	112.65 -7.20 0.00	62.92 -3.66 0.00	49.56 -2.54 0.00	42.52 -1.49 0.00	45.34 -0.93 0.00	36.74 -0.54 0.00
BARON_WINDS___WT_PWR 323822	43.68 -3.93 0.00	33.30 -3.01 0.00	29.04 -2.63 0.81	28.93 -2.91 0.18	32.51 -2.96 0.00	40.24 -3.42 0.00	49.72 -3.93 0.18	24.18 -4.01 30.68	18.36 -3.97 30.70	-3.14 -3.67 50.48	33.44 -2.29 0.00	28.76 -2.13 0.00	29.51 -1.89 0.00	28.80 -1.89 0.00	32.32 -2.08 0.00	33.73 -1.63 0.00	49.74 -3.23 0.02	49.13 -2.28 0.00	114.99 -4.85 0.00	64.22 -2.36 0.00	50.51 -1.60 0.00	42.94 -1.06 0.00	45.63 -0.63 0.00	36.87 -0.42 0.00
BARRETT_IC_1 23704	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_10 23701	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_11 23702	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_12 23703	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_2 23705	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_3 23706	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_4 23707	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00

BARRETT_IC_5 23708	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_6 23709	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_7 23710	51.15 3.53 -0.01	38.66 2.35 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.53 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.72 0.00	54.94 3.92 0.00	38.42 2.69 0.00	33.00 2.11 0.00	33.36 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.05 3.07 0.00	54.77 3.36 0.00	125.36 5.52 0.00	70.28 3.70 0.00	55.17 3.07 0.00	46.63 2.62 0.00	48.72 2.46 0.00	39.19 1.90 0.00
BARRETT_IC_8 23711	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT_IC_9 23700	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT___1 23545	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BARRETT___2 23546	51.14 3.53 -0.01	38.67 2.36 0.00	34.50 2.02 0.00	33.95 1.93 0.00	37.50 2.03 0.00	46.54 2.87 0.00	57.13 3.31 0.00	62.70 3.83 0.00	56.74 3.71 0.00	54.94 3.92 0.00	38.43 2.70 0.00	33.00 2.11 0.00	33.35 1.96 0.00	32.51 1.82 0.00	36.73 2.30 -0.03	37.95 2.59 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.41 5.57 0.00	70.29 3.70 0.00	55.18 3.07 0.00	46.62 2.62 0.00	48.72 2.46 0.00	39.18 1.90 0.00
BATAVIA__115KV_TB1 55881	44.69 -2.92 0.00	34.11 -2.20 0.00	30.46 -1.93 0.08	29.95 -2.06 0.02	33.45 -2.01 0.00	41.51 -2.16 0.00	51.58 -2.23 0.02	52.79 -2.90 3.18	47.50 -2.35 3.18	43.32 -2.47 5.24	34.27 -1.47 0.00	29.59 -1.30 0.00	30.34 -1.06 0.00	29.68 -1.01 0.00	33.64 -0.77 0.00	34.79 -0.57 0.00	51.15 -1.83 0.00	50.05 -1.36 0.00	116.24 -3.60 0.00	64.64 -1.94 0.00	50.70 -1.41 0.00	43.23 -0.78 0.00	45.89 -0.37 0.00	37.22 -0.07 0.00
BAYONEEC___CTG1 323682	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG10 323750	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG2 323683	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG3 323684	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG4 323685	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG5 323686	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG6 323687	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00

BAYONEEC___CTG7 323688	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG8 323689	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BAYONEEC___CTG9 323749	50.50 2.89 0.00	38.39 2.08 0.00	34.22 1.74 0.00	33.76 1.74 0.00	37.30 1.84 0.00	46.11 2.44 0.00	56.86 3.04 0.00	62.20 3.33 0.00	56.26 3.24 0.00	54.55 3.53 0.00	38.39 2.66 0.00	33.19 2.31 0.00	33.55 2.15 0.00	32.70 2.02 0.00	36.50 2.10 0.00	37.88 2.52 0.00	55.90 2.91 0.00	54.36 2.95 0.00	125.12 5.27 0.00	69.79 3.21 0.00	54.77 2.66 0.00	46.24 2.24 0.00	48.24 1.98 0.00	38.83 1.55 0.00
BEACON___LESR 323632	50.12 2.51 0.00	38.16 1.85 0.00	34.08 1.60 0.00	33.58 1.56 0.00	37.20 1.74 0.00	45.73 2.07 0.00	56.13 2.31 0.00	61.40 2.53 0.00	55.24 2.21 0.00	53.01 1.99 0.00	36.84 1.11 0.00	31.83 0.94 0.00	32.29 0.89 0.00	31.62 0.93 0.00	35.44 1.04 0.00	36.75 1.39 0.00	55.04 2.05 0.00	53.60 2.19 0.00	124.12 4.28 0.00	68.92 2.34 0.00	53.83 1.73 0.00	45.37 1.37 0.00	47.56 1.30 0.00	38.18 0.89 0.00
BEAVER RIVER___HYD 24048	62.49 -2.15 -17.03	48.87 -1.71 -14.27	44.36 -1.45 -13.33	43.77 -1.46 -13.21	47.75 -1.76 -14.05	57.93 -1.82 -16.09	71.38 -1.07 -18.63	77.29 -1.49 -19.91	69.92 -1.45 -18.34	66.91 -1.54 -17.44	48.80 -1.10 -14.17	42.85 -1.01 -12.97	43.40 -1.09 -13.09	42.76 -0.84 -12.91	47.69 -0.55 -13.83	49.16 -0.21 -14.01	70.68 -0.67 -18.36	68.32 -1.08 -17.99	154.79 -0.16 -35.12	87.52 -0.82 -21.76	60.53 -0.57 -8.99	43.31 -0.69 0.00	46.35 0.09 0.00	37.06 -0.22 0.00
BEEBEE_GT_13 23619	45.03 -2.58 0.00	34.35 -1.96 0.00	30.74 -1.73 0.00	30.22 -1.80 0.00	33.65 -1.82 0.00	41.63 -2.04 0.00	51.60 -2.22 0.00	56.00 -2.87 0.00	50.56 -2.46 0.00	48.42 -2.60 0.00	34.20 -1.53 0.00	29.59 -1.30 0.00	30.29 -1.10 0.00	29.58 -1.11 0.00	33.42 -0.99 0.00	34.53 -0.82 0.00	51.00 -1.99 0.00	49.76 -1.65 0.00	115.64 -4.20 0.00	64.31 -2.27 0.00	50.36 -1.74 0.00	42.82 -1.18 0.00	45.27 -0.99 0.00	36.64 -0.65 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.05 3.44 0.00	38.82 2.51 0.00	34.57 2.09 0.00	34.08 2.06 0.00	37.65 2.18 0.00	46.56 2.90 0.00	57.48 3.66 0.00	62.79 3.91 0.00	56.78 3.76 0.00	55.08 4.06 0.00	38.84 3.10 0.00	33.57 2.68 0.00	33.92 2.52 0.00	33.05 2.36 0.00	36.91 2.51 0.00	38.31 2.95 0.00	56.44 3.45 0.00	54.89 3.48 0.00	126.40 6.56 0.00	70.51 3.93 0.00	55.35 3.24 0.00	46.84 2.83 0.00	48.81 2.55 0.00	39.30 2.01 0.00
BETHLEHEM___GRP 23843	49.43 1.82 0.00	37.68 1.37 0.00	33.69 1.21 0.00	33.24 1.22 0.00	36.77 1.31 0.00	45.13 1.46 0.00	55.12 1.30 0.00	60.17 1.30 0.00	54.19 1.17 0.00	52.08 1.06 0.00	36.17 0.43 0.00	31.30 0.41 0.00	31.73 0.33 0.00	31.04 0.35 0.00	34.76 0.36 0.00	36.02 0.66 0.00	53.89 0.90 0.00	52.43 1.03 0.00	121.46 1.62 0.00	67.46 0.87 0.00	52.70 0.59 0.00	44.38 0.38 0.00	46.52 0.26 0.00	37.43 0.15 0.00
BETHLEHEM___GS1 323560	49.44 1.83 0.00	37.68 1.37 0.00	33.69 1.21 0.00	33.24 1.21 0.00	36.77 1.31 0.00	45.12 1.46 0.00	55.12 1.30 0.00	60.18 1.30 0.00	54.19 1.17 0.00	52.08 1.06 0.00	36.17 0.44 0.00	31.30 0.41 0.00	31.73 0.33 0.00	31.04 0.35 0.00	34.76 0.36 0.00	36.02 0.66 0.00	53.89 0.90 0.00	52.43 1.03 0.00	121.48 1.64 0.00	67.46 0.87 0.00	52.70 0.59 0.00	44.38 0.37 0.00	46.52 0.26 0.00	37.43 0.15 0.00
BETHLEHEM___GS2 323561	49.44 1.83 0.00	37.68 1.37 0.00	33.69 1.21 0.00	33.24 1.21 0.00	36.77 1.31 0.00	45.12 1.46 0.00	55.12 1.30 0.00	60.18 1.30 0.00	54.19 1.17 0.00	52.08 1.06 0.00	36.17 0.44 0.00	31.30 0.41 0.00	31.73 0.33 0.00	31.04 0.35 0.00	34.76 0.36 0.00	36.02 0.66 0.00	53.89 0.90 0.00	52.43 1.03 0.00	121.48 1.64 0.00	67.46 0.87 0.00	52.70 0.59 0.00	44.38 0.37 0.00	46.52 0.26 0.00	37.43 0.15 0.00
BETHLEHEM___GS3 323562	49.44 1.83 0.00	37.68 1.37 0.00	33.69 1.21 0.00	33.24 1.21 0.00	36.77 1.31 0.00	45.12 1.46 0.00	55.12 1.30 0.00	60.18 1.30 0.00	54.19 1.17 0.00	52.08 1.06 0.00	36.17 0.44 0.00	31.30 0.41 0.00	31.73 0.33 0.00	31.04 0.35 0.00	34.76 0.36 0.00	36.02 0.66 0.00	53.89 0.90 0.00	52.43 1.03 0.00	121.48 1.64 0.00	67.46 0.87 0.00	52.70 0.59 0.00	44.38 0.37 0.00	46.52 0.26 0.00	37.43 0.15 0.00
BETHLEHEM___STEEL 23779	43.40 -4.21 0.00	33.19 -3.12 0.00	29.55 -2.77 0.16	29.05 -2.94 0.03	32.50 -2.96 0.00	40.26 -3.41 0.00	49.87 -3.92 0.03	47.99 -4.96 5.92	42.80 -4.29 5.93	36.98 -4.29 9.75	33.19 -2.54 0.00	28.66 -2.23 0.00	29.40 -2.00 0.00	28.74 -1.95 0.00	32.58 -1.82 0.00	33.71 -1.65 0.00	49.40 -3.59 0.00	48.40 -3.00 0.00	112.51 -7.33 0.00	62.75 -3.83 0.00	49.37 -2.73 0.00	42.29 -1.71 0.00	45.14 -1.12 0.00	36.67 -0.62 0.00
BETHLHEM_115KV_TB1 79974	49.40 1.79 0.00	37.65 1.34 0.00	33.66 1.18 0.00	33.22 1.20 0.00	36.75 1.28 0.00	45.11 1.44 0.00	55.16 1.34 0.00	60.25 1.38 0.00	54.28 1.25 0.00	52.17 1.15 0.00	36.26 0.53 0.00	31.36 0.47 0.00	31.80 0.40 0.00	31.12 0.42 0.00	34.84 0.44 0.00	36.09 0.73 0.00	54.00 1.01 0.00	52.53 1.12 0.00	121.70 1.86 0.00	67.60 1.02 0.00	52.81 0.70 0.00	44.49 0.49 0.00	46.64 0.38 0.00	37.53 0.25 0.00
BETHPAGE_CC_5 323564	51.23 3.62 0.00	38.67 2.36 0.00	34.50 2.03 0.00	33.93 1.91 0.00	37.47 2.00 0.00	46.55 2.89 0.00	57.16 3.34 0.00	62.74 3.87 0.00	56.79 3.76 0.00	54.90 3.88 0.00	38.36 2.63 0.00	32.94 2.06 0.00	33.30 1.90 0.00	32.43 1.74 0.00	36.58 2.18 0.00	37.94 2.58 0.00	56.14 3.15 0.00	54.92 3.51 0.00	125.73 5.88 0.00	70.85 4.27 0.00	55.62 3.51 0.00	46.97 2.97 0.00	49.15 2.89 0.00	39.45 2.17 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	43.58 -4.03 0.00	33.31 -3.00 0.00	29.67 -2.66 0.15	29.16 -2.83 0.03	32.63 -2.84 0.00	40.42 -3.25 0.00	50.08 -3.71 0.03	48.56 -4.71 5.60	43.32 -4.09 5.61	37.71 -4.08 9.22	33.30 -2.43 0.00	28.77 -2.12 0.00	29.53 -1.87 0.00	28.88 -1.81 0.00	32.73 -1.68 0.00	33.87 -1.49 0.00	49.63 -3.35 0.00	48.65 -2.76 0.00	113.07 -6.77 0.00	63.08 -3.50 0.00	49.60 -2.50 0.00	42.48 -1.52 0.00	45.34 -0.92 0.00	36.81 -0.48 0.00

BINGHAMTON___COGEN 23790	47.13 -0.48 0.00	35.85 -0.46 0.00	32.14 -0.36 -0.02	31.56 -0.47 0.00	35.09 -0.38 0.00	43.25 -0.42 0.00	53.41 -0.42 0.00	59.47 -0.21 -0.81	53.44 -0.38 -0.80	52.01 -0.33 -1.32	35.52 -0.21 0.00	30.63 -0.25 0.00	31.25 -0.15 0.00	30.48 -0.21 0.00	34.16 -0.25 0.00	35.41 0.06 0.00	52.64 -0.35 0.00	51.49 0.09 0.00	119.84 0.00 0.00	66.66 0.08 0.00	52.21 0.10 0.00	44.07 0.06 0.00	46.39 0.13 0.00	37.31 0.03 0.00
BIXINCNT_115KV_LOAD 355685	42.94 -4.67 0.00	32.71 -3.60 0.00	29.03 -3.35 0.10	28.44 -3.56 0.02	31.96 -3.51 0.00	39.76 -3.91 0.00	49.42 -4.38 0.02	49.50 -5.48 3.89	43.93 -5.21 3.89	39.43 -5.19 6.40	32.52 -3.21 0.00	28.05 -2.84 0.00	28.89 -2.51 0.00	28.61 -2.08 0.00	32.42 -1.98 0.00	33.80 -1.57 0.00	49.73 -3.25 0.00	48.88 -2.53 0.00	114.05 -5.79 0.00	63.99 -2.59 0.00	50.24 -1.86 0.00	42.94 -1.06 0.00	46.11 -0.15 0.00	37.38 0.10 0.00
BLACK RIVER___HYD 24047	56.84 -2.66 -11.90	44.17 -2.11 -9.97	39.97 -1.81 -9.31	39.41 -1.84 -9.23	43.18 -2.10 -9.81	52.66 -2.24 -11.23	65.11 -1.72 -13.01	70.77 -2.01 -13.90	63.96 -1.88 -12.81	61.30 -1.91 -12.18	44.33 -1.30 -9.89	38.76 -1.18 -9.06	39.28 -1.26 -9.15	38.70 -1.02 -9.02	43.41 -0.65 -9.66	44.72 -0.43 -9.79	64.80 -1.02 -12.82	62.68 -1.29 -12.57	143.49 -0.87 -24.52	80.92 -0.86 -15.19	57.94 -0.45 -6.28	43.29 -0.72 0.00	46.08 -0.18 0.00	36.79 -0.49 0.00
BLACKRVR_115KV_TB2 79977	56.85 -2.66 -11.90	44.17 -2.11 -9.97	39.97 -1.81 -9.31	39.41 -1.85 -9.23	43.18 -2.10 -9.81	52.66 -2.24 -11.23	65.11 -1.72 -13.01	70.77 -2.01 -13.90	63.96 -1.88 -12.81	61.30 -1.90 -12.18	44.33 -1.30 -9.89	38.76 -1.18 -9.06	39.28 -1.26 -9.15	38.70 -1.02 -9.02	43.41 -0.65 -9.66	44.72 -0.42 -9.79	64.80 -1.02 -12.82	62.68 -1.29 -12.57	143.49 -0.87 -24.52	80.91 -0.87 -15.19	57.94 -0.45 -6.28	43.29 -0.72 0.00	46.08 -0.18 0.00	36.79 -0.49 0.00
BLISS_WT_PWR 323608	42.52 -5.09 0.00	32.36 -3.95 0.00	28.67 -3.71 0.10	28.07 -3.93 0.02	31.59 -3.88 0.00	39.36 -4.30 0.00	48.93 -4.87 0.02	48.98 -6.00 3.89	43.39 -5.74 3.89	38.93 -5.69 6.40	32.14 -3.59 0.00	27.71 -3.18 0.00	28.57 -2.83 0.00	28.35 -2.34 0.00	32.17 -2.23 0.00	33.60 -1.77 0.00	49.50 -3.49 0.00	48.68 -2.72 0.00	113.80 -6.04 0.00	63.93 -2.65 0.00	50.21 -1.90 0.00	42.87 -1.13 0.00	46.12 -0.14 0.00	37.43 0.14 0.00
BLUESTONE___WT_PWR 323821	47.07 -0.54 0.00	35.71 -0.60 0.00	32.10 -0.37 0.00	31.67 -0.36 0.00	35.55 0.09 0.00	43.75 0.08 0.00	54.66 0.83 0.00	61.80 2.93 0.00	55.40 2.37 0.00	53.30 2.28 0.00	37.10 1.37 0.00	32.18 1.29 0.00	32.39 1.00 0.00	31.69 1.00 0.00	35.55 1.15 0.00	37.03 1.67 0.00	55.26 2.27 0.00	53.34 1.93 0.00	124.78 4.94 0.00	68.96 2.38 0.00	54.29 2.19 0.00	45.63 1.63 0.00	48.08 1.82 0.00	38.55 1.27 0.00
BLUE_CIRC_CHEM_DRP 24182	49.57 1.96 0.00	37.77 1.46 0.00	33.79 1.32 0.00	33.35 1.32 0.00	36.89 1.43 0.00	45.31 1.64 0.00	55.58 1.76 0.00	60.77 1.89 0.00	54.68 1.65 0.00	52.49 1.47 0.00	36.47 0.73 0.00	31.49 0.61 0.00	31.99 0.59 0.00	31.32 0.63 0.00	35.09 0.69 0.00	36.38 1.02 0.00	54.50 1.51 0.00	53.04 1.63 0.00	122.97 3.13 0.00	68.28 1.70 0.00	53.37 1.27 0.00	44.96 0.96 0.00	47.20 0.94 0.00	38.00 0.72 0.00
BOC_GAS_DRP 24189	49.16 1.56 0.00	37.44 1.13 0.00	33.49 1.02 0.00	33.05 1.03 0.00	36.56 1.09 0.00	44.90 1.24 0.00	55.16 1.34 0.00	60.34 1.47 0.00	54.36 1.34 0.00	52.31 1.29 0.00	36.47 0.73 0.00	31.51 0.62 0.00	31.96 0.57 0.00	31.25 0.56 0.00	35.02 0.61 0.00	36.24 0.88 0.00	54.15 1.16 0.00	52.67 1.26 0.00	122.11 2.27 0.00	67.84 1.26 0.00	53.06 0.95 0.00	44.72 0.72 0.00	46.89 0.63 0.00	37.75 0.47 0.00
BOONVILLE_115KV_TB1 79983	53.87 -0.18 -6.45	41.50 -0.21 -5.40	37.40 -0.12 -5.05	36.88 -0.14 -5.00	40.57 -0.21 -5.32	49.69 -0.06 -6.09	61.47 0.60 -7.05	66.91 0.50 -7.54	60.41 0.42 -6.96	58.03 0.35 -6.67	41.30 0.20 -5.36	35.95 0.15 -4.91	36.46 0.11 -4.96	35.79 0.21 -4.89	40.09 0.45 -5.24	41.39 0.73 -5.31	60.74 0.79 -6.95	58.90 0.68 -6.81	135.47 2.33 -13.29	75.91 1.09 -8.24	56.39 0.89 -3.40	44.64 0.63 0.00	47.17 0.91 0.00	37.84 0.55 0.00
BORALEX_4TH_BRANCH 23824	50.65 3.05 0.00	38.52 2.21 0.00	34.30 1.83 0.00	33.90 1.88 0.00	37.48 2.01 0.00	46.31 2.65 0.00	57.13 3.31 0.00	62.72 3.85 0.00	56.44 3.42 0.00	54.15 3.13 0.00	37.43 1.70 0.00	32.25 1.36 0.00	32.69 1.30 0.00	32.01 1.32 0.00	36.03 1.62 0.00	37.47 2.11 0.00	56.15 3.16 0.00	54.68 3.28 0.00	126.32 6.47 0.00	70.17 3.58 0.00	54.76 2.66 0.00	45.99 1.99 0.00	48.11 1.85 0.00	38.68 1.39 0.00
BOWLINE___1 23526	50.01 2.41 0.00	38.05 1.74 0.00	33.94 1.46 0.00	33.47 1.45 0.00	37.03 1.56 0.00	45.74 2.07 0.00	56.39 2.57 0.00	61.76 2.89 0.00	55.79 2.77 0.00	53.94 2.92 0.00	37.85 2.12 0.00	32.66 1.78 0.00	33.05 1.65 0.00	32.23 1.54 0.00	36.04 1.64 0.00	37.39 2.04 0.00	55.38 2.39 0.00	53.93 2.53 0.00	124.41 4.56 0.00	69.37 2.79 0.00	54.39 2.29 0.00	45.86 1.85 0.00	47.91 1.65 0.00	38.60 1.31 0.00
BOWLINE___2 23595	49.94 2.34 0.00	38.01 1.70 0.00	33.91 1.44 0.00	33.44 1.42 0.00	37.01 1.54 0.00	45.70 2.03 0.00	56.32 2.50 0.00	61.67 2.80 0.00	55.70 2.67 0.00	53.86 2.84 0.00	37.79 2.06 0.00	32.63 1.75 0.00	33.02 1.62 0.00	32.20 1.51 0.00	36.00 1.60 0.00	37.34 1.98 0.00	55.29 2.30 0.00	53.86 2.45 0.00	124.23 4.39 0.00	69.24 2.66 0.00	54.30 2.19 0.00	45.79 1.79 0.00	47.85 1.59 0.00	38.56 1.28 0.00
BRADY___115KV_TB2 356060	93.34 0.63 -45.10	74.51 0.42 -37.78	68.13 0.37 -35.29	67.27 0.27 -34.98	72.73 0.07 -37.19	86.85 0.60 -42.59	105.36 2.23 -49.31	114.14 2.57 -52.70	103.73 2.17 -48.53	99.00 1.89 -46.08	74.61 1.37 -37.50	66.00 0.78 -34.33	66.61 0.55 -34.66	65.81 0.93 -34.19	71.73 0.72 -36.61	74.16 1.70 -37.10	104.69 3.09 -48.61	101.29 2.24 -47.64	221.67 8.86 -92.97	125.97 1.79 -57.60	77.06 1.15 -23.81	44.70 0.70 0.00	48.95 2.69 0.00	39.12 1.84 0.00
BRANSCOMB___SOLAR 323811	49.94 2.33 0.00	37.95 1.64 0.00	33.87 1.40 0.00	33.46 1.44 0.00	37.01 1.54 0.00	45.73 2.06 0.00	56.53 2.71 0.00	62.07 3.20 0.00	55.78 2.76 0.00	53.42 2.40 0.00	36.95 1.22 0.00	31.88 1.00 0.00	32.41 1.02 0.00	31.78 1.09 0.00	35.73 1.33 0.00	37.20 1.84 0.00	55.82 2.83 0.00	54.40 3.00 0.00	125.89 6.04 0.00	69.96 3.38 0.00	54.62 2.52 0.00	45.87 1.87 0.00	47.91 1.65 0.00	38.50 1.22 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	51.80 4.19 0.00	38.98 2.67 0.00	34.80 2.33 0.00	34.19 2.17 0.00	37.72 2.25 0.00	47.00 3.33 0.00	57.91 4.08 0.00	63.51 4.64 0.00	57.37 4.35 0.00	55.51 4.49 0.00	38.78 3.05 0.00	33.23 2.34 0.00	33.57 2.17 0.00	32.68 1.99 0.00	36.97 2.57 0.00	38.41 3.05 0.00	56.92 3.93 0.00	55.73 4.32 0.00	127.56 7.71 0.00	71.52 4.94 0.00	56.17 4.07 0.00	47.44 3.44 0.00	49.57 3.30 0.00	39.80 2.52 0.00

BRISTLHL_115KV_TB1 79998	45.86 -1.75 0.00	34.94 -1.37 0.00	31.27 -1.21 0.00	30.83 -1.20 0.00	34.17 -1.30 0.00	42.15 -1.52 0.00	52.06 -1.77 0.00	56.96 -1.91 0.00	51.27 -1.75 0.00	49.28 -1.74 0.00	34.57 -1.17 0.00	29.92 -0.97 0.00	30.42 -0.98 0.00	29.76 -0.94 0.00	33.36 -1.05 0.00	34.43 -0.93 0.00	51.37 -1.61 0.00	50.00 -1.40 0.00	116.37 -3.47 0.00	64.66 -1.92 0.00	50.59 -1.51 0.00	42.72 -1.28 0.00	44.87 -1.39 0.00	36.15 -1.13 0.00
BROOKHAVEN___DRP 24191	51.45 3.85 0.00	38.70 2.39 0.00	34.55 2.07 0.00	33.94 1.92 0.00	37.46 1.99 0.00	46.67 3.00 0.00	57.48 3.66 0.00	63.17 4.30 0.00	57.14 4.12 0.00	55.10 4.08 0.00	38.47 2.74 0.00	32.93 2.04 0.00	33.16 1.76 0.00	32.27 1.58 0.00	36.58 2.17 0.01	38.09 2.73 0.00	56.59 3.60 0.00	55.48 4.07 0.00	126.84 7.00 0.00	71.17 4.59 0.00	56.01 3.91 0.00	47.35 3.35 0.00	49.49 3.23 0.00	39.64 2.36 0.00
BROOKLYN_NAVY_YARD 23515	50.43 2.82 0.00	38.35 2.04 0.00	34.18 1.71 0.00	33.72 1.70 0.00	37.26 1.80 0.00	46.04 2.37 0.00	56.81 2.99 0.00	62.19 3.32 0.00	56.27 3.25 0.00	54.55 3.53 0.00	38.37 2.64 0.00	33.19 2.30 0.00	33.54 2.14 0.00	32.69 2.01 0.00	36.47 2.07 0.00	37.84 2.48 0.00	55.87 2.88 0.00	54.33 2.93 0.00	125.13 5.29 0.00	69.79 3.21 0.00	54.76 2.66 0.00	46.21 2.21 0.00	48.19 1.93 0.00	38.80 1.51 0.00
BROOKLYN___ARMY_DRP 323595	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
BROOKVLE_69_KV_TB1 55790	51.19 3.58 0.00	38.77 2.46 0.00	34.58 2.10 0.00	34.05 2.03 0.00	37.63 2.16 0.00	46.64 2.98 0.00	57.45 3.63 0.00	63.04 4.17 0.00	57.04 4.01 0.00	55.17 4.15 0.00	38.60 2.87 0.00	33.26 2.37 0.00	33.66 2.26 0.00	32.80 2.11 0.00	36.85 2.44 0.00	38.20 2.84 0.00	56.38 3.40 0.00	55.05 3.65 0.00	126.37 6.52 0.00	70.69 4.11 0.00	55.45 3.35 0.00	46.81 2.81 0.00	49.02 2.76 0.00	39.38 2.10 0.00
BROOME_2_LFGE 323671	47.13 -0.47 0.00	35.84 -0.47 0.00	32.14 -0.36 -0.02	31.56 -0.47 0.00	35.09 -0.38 0.00	43.23 -0.43 0.00	53.41 -0.42 0.00	59.46 -0.23 -0.81	53.43 -0.39 -0.80	52.00 -0.33 -1.32	35.51 -0.22 0.00	30.62 -0.27 0.00	31.24 -0.15 0.00	30.47 -0.22 0.00	34.16 -0.24 0.00	35.41 0.05 0.00	52.64 -0.35 0.00	51.48 0.08 0.00	119.83 -0.01 0.00	66.66 0.08 0.00	52.20 0.10 0.00	44.07 0.06 0.00	46.39 0.13 0.00	37.31 0.03 0.00
BROOME___LFGE 323600	47.13 -0.47 0.00	35.84 -0.47 0.00	32.14 -0.36 -0.02	31.56 -0.47 0.00	35.09 -0.38 0.00	43.23 -0.43 0.00	53.41 -0.42 0.00	59.46 -0.23 -0.81	53.43 -0.39 -0.80	52.00 -0.33 -1.32	35.51 -0.22 0.00	30.62 -0.27 0.00	31.24 -0.15 0.00	30.47 -0.22 0.00	34.16 -0.24 0.00	35.41 0.05 0.00	52.64 -0.35 0.00	51.48 0.08 0.00	119.83 -0.01 0.00	66.66 0.08 0.00	52.20 0.10 0.00	44.07 0.06 0.00	46.39 0.13 0.00	37.31 0.03 0.00
BROWNFLS_115KV_TB_3_5 80003	76.28 -1.94 -30.61	60.42 -1.53 -25.64	55.11 -1.32 -23.95	54.41 -1.36 -23.74	59.01 -1.70 -25.24	70.84 -1.73 -28.90	86.35 -0.94 -33.46	93.45 -1.19 -35.77	84.79 -1.18 -32.94	81.03 -1.28 -31.29	60.30 -0.89 -25.45	53.29 -0.90 -23.30	53.90 -1.02 -23.52	53.14 -0.76 -23.21	58.64 -0.61 -24.85	60.33 -0.21 -25.18	85.60 -0.38 -32.99	82.70 -1.04 -32.33	183.48 0.54 -63.10	104.14 -1.54 -39.09	67.03 -1.23 -16.16	42.78 -1.23 0.00	46.38 0.11 0.00	37.12 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	50.95 3.34 0.00	38.72 2.41 0.00	34.51 2.03 0.00	34.03 2.01 0.00	37.61 2.15 0.00	46.50 2.83 0.00	57.40 3.58 0.00	62.83 3.96 0.00	56.85 3.82 0.00	55.10 4.08 0.00	38.76 3.02 0.00	33.51 2.62 0.00	33.88 2.48 0.00	33.02 2.33 0.00	36.87 2.46 0.00	38.25 2.89 0.00	56.47 3.48 0.00	54.95 3.54 0.00	126.53 6.69 0.00	70.57 3.99 0.00	55.38 3.28 0.00	46.73 2.72 0.00	48.74 2.48 0.00	39.21 1.93 0.00
BURROWS___LYONSDAL 23803	55.37 -0.77 -8.53	42.80 -0.65 -7.14	38.64 -0.51 -6.67	38.12 -0.52 -6.61	41.83 -0.67 -7.03	51.14 -0.58 -8.05	63.28 0.14 -9.32	68.74 -0.10 -9.97	62.07 -0.15 -9.19	59.57 -0.21 -8.76	42.63 -0.19 -7.09	37.20 -0.19 -6.49	37.71 -0.24 -6.56	37.06 -0.10 -6.47	41.50 0.17 -6.92	42.84 0.47 -7.02	62.53 0.35 -9.19	60.58 0.17 -9.01	138.99 1.57 -17.58	78.09 0.62 -10.89	57.12 0.51 -4.50	44.31 0.31 0.00	46.96 0.70 0.00	37.63 0.35 0.00
CAITHNESS_CC_1 323624	51.38 3.78 0.00	38.67 2.36 0.00	34.51 2.04 0.00	33.90 1.88 0.00	37.41 1.95 0.00	46.62 2.95 0.00	57.38 3.56 0.00	63.06 4.18 0.00	57.04 4.01 0.00	55.00 3.98 0.00	38.41 2.68 0.00	32.88 1.99 0.00	33.14 1.74 0.00	32.26 1.57 0.00	36.54 2.14 0.01	38.04 2.68 0.00	56.46 3.48 0.00	55.33 3.92 0.00	126.52 6.68 0.00	70.98 4.40 0.00	55.83 3.73 0.00	47.20 3.19 0.00	49.34 3.08 0.00	39.54 2.26 0.00
CALPINE BETH_PAGE_GT4 24209	51.29 3.68 0.00	38.72 2.41 0.00	34.54 2.06 0.00	33.98 1.96 0.00	37.51 2.04 0.00	46.60 2.94 0.00	57.14 3.32 0.00	62.74 3.87 0.00	56.78 3.75 0.00	54.92 3.90 0.00	38.37 2.64 0.00	32.96 2.07 0.00	33.31 1.92 0.00	32.46 1.77 0.00	36.60 2.20 0.00	37.96 2.60 0.00	56.16 3.17 0.00	54.94 3.53 0.00	125.76 5.92 0.00	70.73 4.15 0.00	55.51 3.40 0.00	46.89 2.89 0.00	49.14 2.88 0.00	39.46 2.17 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.29 3.68 0.00	38.72 2.41 0.00	34.54 2.06 0.00	33.97 1.95 0.00	37.51 2.04 0.00	46.61 2.94 0.00	57.13 3.31 0.00	62.74 3.87 0.00	56.77 3.75 0.00	54.91 3.89 0.00	38.38 2.64 0.00	32.96 2.07 0.00	33.31 1.92 0.00	32.46 1.77 0.00	36.61 2.20 0.00	37.96 2.60 0.00	56.17 3.18 0.00	54.95 3.54 0.00	125.78 5.94 0.00	70.73 4.15 0.00	55.51 3.41 0.00	46.89 2.89 0.00	49.14 2.88 0.00	39.46 2.17 0.00
CALPINE_BP_GT1 23823	51.29 3.68 0.00	38.72 2.41 0.00	34.54 2.06 0.00	33.97 1.95 0.00	37.51 2.04 0.00	46.61 2.94 0.00	57.13 3.31 0.00	62.74 3.87 0.00	56.77 3.75 0.00	54.91 3.89 0.00	38.38 2.64 0.00	32.96 2.07 0.00	33.31 1.92 0.00	32.46 1.77 0.00	36.61 2.20 0.00	37.96 2.60 0.00	56.17 3.18 0.00	54.95 3.54 0.00	125.78 5.94 0.00	70.73 4.15 0.00	55.51 3.41 0.00	46.89 2.89 0.00	49.14 2.88 0.00	39.46 2.17 0.00
CALSPAN___DRP 24200	43.40 -4.21 0.00	33.19 -3.12 0.00	29.55 -2.77 0.16	29.05 -2.94 0.03	32.50 -2.96 0.00	40.26 -3.41 0.00	49.87 -3.92 0.03	47.99 -4.96 5.92	42.80 -4.29 5.93	36.98 -4.29 9.75	33.19 -2.54 0.00	28.66 -2.23 0.00	29.40 -2.00 0.00	28.74 -1.95 0.00	32.58 -1.82 0.00	33.71 -1.65 0.00	49.40 -3.59 0.00	48.40 -3.00 0.00	112.51 -7.33 0.00	62.75 -3.83 0.00	49.37 -2.73 0.00	42.29 -1.71 0.00	45.14 -1.12 0.00	36.67 -0.62 0.00

CALVERTON___SOLAR 323806	51.49 3.88 0.00	38.73 2.42 0.00	34.56 2.09 0.00	33.97 1.94 0.00	37.48 2.01 0.00	46.71 3.05 0.00	57.53 3.71 0.00	63.24 4.37 0.00	57.22 4.20 0.00	55.15 4.13 0.00	38.51 2.78 0.00	32.95 2.06 0.00	33.15 1.76 0.00	32.26 1.58 0.00	36.59 2.19 0.01	38.13 2.77 0.00	56.70 3.71 0.00	55.63 4.22 0.00	127.15 7.31 0.00	71.34 4.76 0.00	56.19 4.09 0.00	47.52 3.51 0.00	49.67 3.40 0.00	39.75 2.46 0.00
CANDIGU_WT_PWR 323617	43.68 -3.93 0.00	33.30 -3.01 0.00	29.04 -2.63 0.81	28.93 -2.91 0.18	32.51 -2.96 0.00	40.24 -3.42 0.00	49.72 -3.93 0.18	24.18 -4.01 30.68	18.36 -3.97 30.70	-3.14 -3.67 50.48	33.44 -2.29 0.00	28.76 -2.13 0.00	29.51 -1.89 0.00	28.80 -1.89 0.00	32.32 -2.08 0.00	33.73 -1.63 0.00	49.74 -3.23 0.02	49.13 -2.28 0.00	114.99 -4.85 0.00	64.22 -2.36 0.00	50.51 -1.60 0.00	42.94 -1.06 0.00	45.63 -0.63 0.00	36.87 -0.42 0.00
CARR STREET_E_SYR 24060	46.48 -1.13 0.00	35.40 -0.91 0.00	31.69 -0.79 0.00	31.21 -0.81 0.00	34.62 -0.85 0.00	42.69 -0.98 0.00	52.76 -1.07 0.00	57.73 -1.14 0.00	51.98 -1.05 0.00	49.98 -1.04 0.00	35.05 -0.68 0.00	30.32 -0.57 0.00	30.87 -0.53 0.00	30.17 -0.52 0.00	33.83 -0.57 0.00	34.87 -0.49 0.00	51.92 -1.07 0.00	50.56 -0.85 0.00	117.65 -2.19 0.00	65.39 -1.20 0.00	51.15 -0.96 0.00	43.20 -0.80 0.00	45.41 -0.85 0.00	36.58 -0.71 0.00
CARTHAGE___PAPER 23857	59.48 -2.01 -13.88	46.33 -1.61 -11.63	41.97 -1.37 -10.86	41.40 -1.39 -10.77	45.27 -1.65 -11.45	55.11 -1.67 -13.11	68.11 -0.89 -15.18	73.86 -1.24 -16.22	66.76 -1.21 -14.95	63.94 -1.30 -14.21	46.38 -0.89 -11.55	40.61 -0.85 -10.57	41.14 -0.93 -10.67	40.54 -0.68 -10.53	45.38 -0.30 -11.27	46.77 -0.01 -11.42	67.62 -0.33 -14.97	65.37 -0.70 -14.67	149.07 0.60 -28.62	84.05 -0.26 -17.73	59.36 -0.08 -7.33	43.66 -0.34 0.00	46.60 0.34 0.00	37.24 -0.04 0.00
CASSADAGA_WT_PWR 323784	42.17 -5.45 0.00	32.24 -4.07 0.00	28.70 -3.66 0.12	28.19 -3.80 0.03	31.58 -3.88 0.00	39.33 -4.34 0.00	48.78 -5.01 0.03	48.59 -5.81 4.47	43.86 -4.68 4.48	39.53 -4.12 7.36	33.66 -2.07 0.00	28.68 -2.21 0.00	29.02 -2.38 0.00	28.43 -2.26 0.00	32.18 -2.23 0.00	33.42 -1.93 0.00	49.93 -3.06 0.00	49.53 -1.88 0.00	115.01 -4.82 0.00	64.26 -2.32 0.00	50.80 -1.30 0.00	43.74 -0.26 0.00	46.43 0.17 0.00	37.41 0.12 0.00
CE_DUNWOOD___DRP 24194	50.38 2.77 0.00	38.31 2.00 0.00	34.16 1.68 0.00	33.69 1.67 0.00	37.24 1.78 0.00	46.03 2.36 0.00	56.76 2.94 0.00	62.18 3.31 0.00	56.19 3.16 0.00	54.36 3.34 0.00	38.12 2.39 0.00	32.92 2.03 0.00	33.31 1.91 0.00	32.48 1.79 0.00	36.31 1.90 0.00	37.67 2.31 0.00	55.77 2.78 0.00	54.31 2.90 0.00	125.23 5.39 0.00	69.80 3.22 0.00	54.74 2.63 0.00	46.16 2.15 0.00	48.21 1.95 0.00	38.80 1.51 0.00
CE_MILLWOOD___DRP 24193	50.29 2.68 0.00	38.24 1.93 0.00	34.11 1.63 0.00	33.63 1.60 0.00	37.20 1.73 0.00	45.95 2.28 0.00	56.67 2.85 0.00	62.07 3.20 0.00	56.08 3.05 0.00	54.25 3.23 0.00	38.05 2.32 0.00	32.85 1.96 0.00	33.23 1.83 0.00	32.40 1.72 0.00	36.24 1.83 0.00	37.59 2.23 0.00	55.66 2.67 0.00	54.21 2.80 0.00	125.00 5.16 0.00	69.70 3.12 0.00	54.64 2.54 0.00	46.07 2.06 0.00	48.12 1.86 0.00	38.74 1.45 0.00
CE_NYC2_DRP 24202	50.62 3.01 0.00	38.49 2.18 0.00	34.30 1.82 0.00	33.82 1.81 0.00	37.36 1.89 0.00	46.20 2.54 0.00	57.01 3.19 0.00	62.38 3.50 0.00	56.43 3.40 0.00	54.70 3.68 0.00	38.47 2.75 0.00	33.29 2.40 0.00	33.62 2.22 0.00	32.78 2.08 0.00	36.58 2.18 0.00	37.93 2.58 0.00	55.95 2.96 0.00	54.43 3.03 0.00	125.38 5.54 0.00	69.93 3.35 0.00	54.91 2.80 0.00	46.36 2.36 0.00	48.35 2.08 0.00	38.94 1.66 0.00
CE_NYC_DRP 24195	50.58 2.97 0.00	38.45 2.15 0.00	34.28 1.80 0.00	33.80 1.78 0.00	37.34 1.88 0.00	46.16 2.50 0.00	56.93 3.11 0.00	62.33 3.45 0.00	56.38 3.36 0.00	54.64 3.62 0.00	38.44 2.71 0.00	33.24 2.35 0.00	33.60 2.20 0.00	32.76 2.07 0.00	36.57 2.16 0.00	37.96 2.60 0.00	56.04 3.05 0.00	54.48 3.08 0.00	125.42 5.58 0.00	69.94 3.36 0.00	54.88 2.77 0.00	46.31 2.31 0.00	48.30 2.04 0.00	38.88 1.59 0.00
CHAFFEE___LFGE 323603	43.80 -3.82 0.00	33.46 -2.85 0.00	29.82 -2.52 0.13	29.29 -2.70 0.03	32.78 -2.68 0.00	40.63 -3.04 0.00	50.36 -3.43 0.03	49.61 -4.37 4.89	44.37 -3.76 4.90	39.22 -3.74 8.06	33.50 -2.24 0.00	28.92 -1.97 0.00	29.68 -1.72 0.00	29.01 -1.68 0.00	32.87 -1.53 0.00	33.99 -1.37 0.00	49.79 -3.19 0.00	48.78 -2.63 0.00	113.37 -6.47 0.00	63.23 -3.36 0.00	49.72 -2.38 0.00	42.58 -1.42 0.00	45.39 -0.88 0.00	36.88 -0.40 0.00
CHATEAUG_35_KV_LOAD 355732	-26.07 -1.62 72.06	-25.23 -1.18 60.36	-25.00 -1.09 56.38	-24.95 -1.09 55.89	-25.21 -1.25 59.42	-25.81 -1.43 68.05	-26.52 -1.57 78.78	-26.99 -1.66 84.20	-26.67 -1.51 78.18	-26.19 -1.63 75.58	-25.22 -1.03 59.92	-24.88 -0.91 54.85	-24.92 -0.93 55.38	-24.85 -0.91 54.63	-25.10 -1.01 58.49	-25.18 -1.27 59.27	-25.95 -1.28 77.66	-26.32 -1.61 76.11	-31.11 -2.41 148.55	-27.37 -1.92 92.03	12.52 -1.54 38.04	42.98 -1.02 0.00	45.80 -0.46 0.00	37.21 -0.08 0.00
CHATEAUG_WT_PWR 323614	-21.31 -2.02 66.90	-21.22 -1.49 56.04	-21.21 -1.35 52.34	-21.18 -1.31 51.89	-21.21 -1.51 55.17	-21.29 -1.78 63.18	-21.24 -1.92 73.14	-21.47 -2.17 78.17	-21.54 -1.93 72.63	-21.28 -1.99 70.31	-21.25 -1.36 55.63	-21.24 -1.21 50.93	-21.24 -1.23 51.41	-21.21 -1.18 50.72	-21.20 -1.30 54.30	-21.14 -1.48 55.03	-20.81 -1.71 72.10	-21.30 -2.04 70.66	-21.67 -3.60 137.91	-21.25 -2.39 85.44	14.94 -1.85 35.31	42.78 -1.23 0.00	45.53 -0.73 0.00	37.02 -0.26 0.00
CHAT_HIGH_FALL_HYD 323578	-26.07 -1.62 72.06	-25.23 -1.18 60.36	-25.00 -1.09 56.38	-24.95 -1.09 55.89	-25.21 -1.25 59.42	-25.81 -1.43 68.05	-26.52 -1.57 78.78	-26.99 -1.66 84.20	-26.67 -1.51 78.18	-26.19 -1.63 75.58	-25.22 -1.03 59.92	-24.88 -0.91 54.85	-24.92 -0.93 55.38	-24.85 -0.91 54.63	-25.10 -1.01 58.49	-25.18 -1.27 59.27	-25.95 -1.28 77.66	-26.32 -1.61 76.11	-31.11 -2.41 148.55	-27.37 -1.92 92.03	12.52 -1.54 38.04	42.98 -1.02 0.00	45.80 -0.46 0.00	37.21 -0.08 0.00
CHAUTAUQUA___LFGE 323629	42.88 -4.73 0.00	32.83 -3.48 0.00	29.19 -3.14 0.14	28.69 -3.30 0.03	32.11 -3.36 0.00	39.87 -3.80 0.00	49.47 -4.33 0.03	48.17 -5.26 5.45	43.18 -4.39 5.45	37.93 -4.12 8.97	33.39 -2.34 0.00	28.65 -2.24 0.00	29.26 -2.14 0.00	28.62 -2.07 0.00	32.45 -1.96 0.00	33.65 -1.71 0.00	49.69 -3.30 0.00	48.90 -2.50 0.00	113.63 -6.22 0.00	63.52 -3.06 0.00	50.08 -2.02 0.00	42.98 -1.02 0.00	45.75 -0.51 0.00	37.03 -0.25 0.00
CHERRYST_13_KV_LD 356241	50.72 3.11 0.00	38.56 2.25 0.00	34.37 1.89 0.00	33.90 1.88 0.00	37.45 1.98 0.00	46.31 2.64 0.00	57.13 3.31 0.00	62.51 3.64 0.00	56.57 3.54 0.00	54.84 3.82 0.00	38.58 2.85 0.00	33.36 2.47 0.00	33.73 2.33 0.00	32.88 2.19 0.00	36.70 2.29 0.00	38.10 2.74 0.00	56.25 3.26 0.00	54.68 3.28 0.00	125.84 6.00 0.00	70.17 3.59 0.00	55.04 2.94 0.00	46.44 2.44 0.00	48.42 2.16 0.00	38.98 1.69 0.00

CHESTROR_138KV_BK263 355645	49.92 2.31 0.00	37.95 1.64 0.00	33.88 1.40 0.00	33.40 1.38 0.00	36.96 1.50 0.00	45.64 1.97 0.00	56.30 2.49 0.00	61.67 2.80 0.00	55.70 2.67 0.00	53.81 2.79 0.00	37.73 2.00 0.00	32.54 1.65 0.00	32.92 1.53 0.00	32.12 1.43 0.00	35.95 1.54 0.00	37.29 1.93 0.00	55.31 2.32 0.00	53.87 2.47 0.00	124.40 4.56 0.00	69.31 2.73 0.00	54.34 2.24 0.00	45.82 1.82 0.00	47.90 1.64 0.00	38.57 1.28 0.00
CH_MIDHUDSON___DRP 24192	50.65 3.04 0.00	38.50 2.18 0.00	34.34 1.86 0.00	33.85 1.83 0.00	37.46 1.99 0.00	46.27 2.61 0.00	57.09 3.27 0.00	62.59 3.72 0.00	56.55 3.52 0.00	54.65 3.63 0.00	38.24 2.51 0.00	32.98 2.09 0.00	33.35 1.96 0.00	32.54 1.85 0.00	36.41 2.01 0.00	37.80 2.44 0.00	56.14 3.15 0.00	54.71 3.31 0.00	126.31 6.47 0.00	70.34 3.76 0.00	55.10 2.99 0.00	46.43 2.43 0.00	48.47 2.21 0.00	38.97 1.69 0.00
CH_MISC_IPPS 23765	50.84 3.23 0.00	38.64 2.33 0.00	34.47 2.00 0.00	33.98 1.96 0.00	37.60 2.14 0.00	46.47 2.80 0.00	57.38 3.56 0.00	62.92 4.05 0.00	56.83 3.80 0.00	54.90 3.87 0.00	38.45 2.71 0.00	33.12 2.24 0.00	33.48 2.08 0.00	32.67 1.98 0.00	36.58 2.18 0.00	37.99 2.63 0.00	56.41 3.42 0.00	55.01 3.60 0.00	126.96 7.12 0.00	70.72 4.14 0.00	55.40 3.30 0.00	46.68 2.68 0.00	48.74 2.48 0.00	39.19 1.90 0.00
CH_RES_BVR_FALLS 23983	43.97 -1.08 2.56	33.40 -0.76 2.15	29.78 -0.69 2.01	29.36 -0.67 1.99	32.61 -0.75 2.11	40.34 -0.91 2.42	49.95 -1.07 2.80	54.60 -1.28 3.00	48.50 -1.15 3.38	45.42 -1.09 4.50	32.86 -0.74 2.13	28.33 -0.60 1.95	28.94 -0.49 1.97	28.35 -0.40 1.94	31.87 -0.45 2.08	32.63 -0.62 2.11	49.61 -0.62 2.76	47.72 -0.99 2.71	113.18 -1.38 5.28	62.53 -0.78 3.27	50.20 -0.55 1.35	43.66 -0.35 0.00	46.13 -0.13 0.00	37.22 -0.06 0.00
CH_RES_NIAGARA 23895	42.22 -5.38 0.00	32.29 -4.02 0.00	28.82 -3.53 0.12	28.36 -3.63 0.03	31.68 -3.78 0.00	39.20 -4.47 0.00	48.48 -5.31 0.03	47.59 -6.71 4.57	42.62 -5.83 4.58	37.57 -5.92 7.52	32.05 -3.69 0.00	27.74 -3.15 0.00	28.51 -2.89 0.00	27.81 -2.88 0.00	31.57 -2.84 0.00	32.61 -2.75 0.00	47.54 -5.45 0.00	46.48 -4.93 0.00	107.95 -11.89 0.00	60.11 -6.48 0.00	47.26 -4.84 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.46 -1.83 0.00
CH_RES_SYRACUSE 23985	46.64 -0.97 0.00	35.52 -0.79 0.00	31.79 -0.69 0.00	31.34 -0.69 0.00	34.75 -0.72 0.00	42.84 -0.83 0.00	52.98 -0.85 0.00	57.96 -0.91 0.00	52.16 -0.86 0.00	50.12 -0.90 0.00	35.16 -0.57 0.00	30.42 -0.47 0.00	30.96 -0.44 0.00	30.27 -0.42 0.00	33.94 -0.46 0.00	35.02 -0.34 0.00	52.22 -0.77 0.00	50.86 -0.54 0.00	118.42 -1.42 0.00	65.79 -0.79 0.00	51.49 -0.62 0.00	43.49 -0.52 0.00	45.70 -0.56 0.00	36.78 -0.51 0.00
CLINTON_WT_PWR 323605	-21.31 -2.02 66.90	-21.22 -1.49 56.04	-21.21 -1.35 52.34	-21.18 -1.31 51.89	-21.21 -1.51 55.17	-21.29 -1.78 63.18	-21.24 -1.92 73.14	-21.47 -2.17 78.17	-21.54 -1.93 72.63	-21.28 -1.99 70.31	-21.25 -1.36 55.63	-21.24 -1.21 50.93	-21.24 -1.23 51.41	-21.21 -1.18 50.72	-21.20 -1.30 54.30	-21.14 -1.48 55.03	-20.81 -1.71 72.10	-21.30 -2.04 70.66	-21.67 -3.60 137.91	-21.25 -2.39 85.44	14.94 -1.85 35.31	42.78 -1.23 0.00	45.53 -0.73 0.00	37.02 -0.26 0.00
CLINTON___LFGE 323618	-21.99 -1.35 68.25	-21.93 -1.08 57.17	-21.89 -0.97 53.40	-21.84 -0.93 52.93	-21.89 -1.09 56.28	-21.99 -1.21 64.45	-21.97 -1.18 74.61	-22.19 -1.31 79.74	-22.26 -1.21 74.08	-21.98 -1.31 71.69	-21.89 -0.87 56.75	-21.88 -0.82 51.95	-21.85 -0.80 52.45	-21.81 -0.76 51.74	-21.86 -0.87 55.39	-21.74 -0.96 56.13	-21.52 -0.96 73.55	-21.87 -1.19 72.08	-22.50 -1.66 140.69	-21.96 -1.39 87.16	14.98 -1.10 36.02	43.42 -0.58 0.00	46.17 -0.09 0.00	37.51 0.23 0.00
COBBLENY_34_KV_TB1 80064	43.81 -3.80 0.00	33.47 -2.84 0.00	29.83 -2.52 0.13	29.31 -2.68 0.03	32.79 -2.68 0.00	40.62 -3.04 0.00	50.38 -3.41 0.03	49.59 -4.38 4.89	44.35 -3.78 4.90	39.18 -3.79 8.06	33.49 -2.24 0.00	28.93 -1.97 0.00	29.68 -1.72 0.00	29.03 -1.66 0.00	32.88 -1.53 0.00	34.01 -1.35 0.00	49.81 -3.18 0.00	48.80 -2.61 0.00	113.40 -6.44 0.00	63.25 -3.33 0.00	49.73 -2.38 0.00	42.58 -1.42 0.00	45.39 -0.88 0.00	36.88 -0.40 0.00
COFFEEN___115KV_TB3 355620	56.78 -2.38 -11.55	44.08 -1.90 -9.67	39.87 -1.64 -9.03	39.30 -1.68 -8.95	43.09 -1.89 -9.52	52.59 -1.98 -10.90	65.08 -1.36 -12.62	70.78 -1.58 -13.49	63.96 -1.50 -12.43	61.31 -1.53 -11.82	44.31 -1.02 -9.60	38.72 -0.96 -8.79	39.24 -1.03 -8.87	38.66 -0.79 -8.75	43.39 -0.38 -9.37	44.69 -0.17 -9.50	64.85 -0.58 -12.44	62.78 -0.82 -12.19	143.73 0.09 -23.80	81.00 -0.32 -14.74	58.15 -0.05 -6.09	43.61 -0.39 0.00	46.34 0.08 0.00	36.99 -0.30 0.00
COLDSPRG_115KV_BK1 355956	44.34 -3.27 0.00	33.87 -2.44 0.00	30.22 -2.18 0.08	29.63 -2.37 0.02	33.21 -2.26 0.00	41.26 -2.40 0.00	51.22 -2.59 0.02	52.57 -3.36 2.93	47.32 -2.77 2.94	43.58 -2.60 4.83	34.47 -1.26 0.00	29.60 -1.29 0.00	30.26 -1.14 0.00	29.67 -1.02 0.00	33.48 -0.93 0.00	34.74 -0.62 0.00	51.31 -1.68 0.00	50.45 -0.95 0.00	117.08 -2.76 0.00	65.46 -1.12 0.00	51.56 -0.54 0.00	44.23 0.23 0.00	47.05 0.79 0.00	37.92 0.63 0.00
COLONIE_LFGE___ 323577	49.80 2.19 0.00	37.87 1.56 0.00	33.81 1.33 0.00	33.39 1.37 0.00	36.94 1.47 0.00	45.54 1.88 0.00	56.11 2.29 0.00	61.49 2.62 0.00	55.34 2.32 0.00	53.13 2.11 0.00	36.86 1.13 0.00	31.83 0.94 0.00	32.29 0.89 0.00	31.61 0.92 0.00	35.51 1.10 0.00	36.85 1.49 0.00	55.19 2.19 0.00	53.73 2.33 0.00	124.34 4.50 0.00	69.11 2.53 0.00	53.96 1.85 0.00	45.39 1.38 0.00	47.50 1.24 0.00	38.21 0.92 0.00
COOPERNY_115KV_TB1 80082	49.29 1.68 0.00	37.49 1.18 0.00	33.50 1.02 0.00	33.03 1.00 0.00	36.56 1.10 0.00	45.08 1.42 0.00	55.60 1.78 0.00	60.98 2.10 0.00	55.12 2.10 0.00	53.22 2.20 0.00	37.31 1.58 0.00	32.19 1.30 0.00	32.59 1.19 0.00	31.80 1.11 0.00	35.60 1.20 0.00	36.87 1.51 0.00	54.78 1.79 0.00	53.19 1.78 0.00	123.16 3.31 0.00	68.57 1.99 0.00	53.73 1.62 0.00	45.32 1.32 0.00	47.44 1.18 0.00	38.21 0.93 0.00
COPENHAGEN_WT_PWR 323753	55.32 -3.21 -10.92	42.93 -2.53 -9.15	38.83 -2.19 -8.55	38.27 -2.22 -8.47	41.97 -2.50 -9.00	51.21 -2.77 -10.31	63.31 -2.46 -11.94	68.83 -2.80 -12.76	62.21 -2.58 -11.76	59.63 -2.57 -11.18	43.03 -1.78 -9.08	37.63 -1.57 -8.31	38.16 -1.64 -8.39	37.57 -1.40 -8.28	42.22 -1.05 -8.87	43.47 -0.87 -8.98	63.01 -1.75 -11.77	60.98 -1.96 -11.54	139.92 -2.43 -22.51	78.94 -1.59 -13.94	56.96 -0.91 -5.76	42.87 -1.13 0.00	45.67 -0.59 0.00	36.50 -0.78 0.00
CORNELL_____ 23752	47.73 0.13 0.00	36.31 0.00 0.00	32.51 0.03 0.00	31.98 -0.05 0.00	35.54 0.08 0.00	43.85 0.18 0.00	54.32 0.50 0.00	59.37 0.50 0.00	53.38 0.36 0.00	51.31 0.29 0.00	35.91 0.18 0.00	30.97 0.08 0.00	31.58 0.18 0.00	30.81 0.12 0.00	34.53 0.13 0.00	35.76 0.40 0.00	53.39 0.40 0.00	52.40 0.99 0.00	122.14 2.30 0.00	67.93 1.35 0.00	53.16 1.06 0.00	44.86 0.85 0.00	47.13 0.87 0.00	37.86 0.58 0.00

CORONA_69_KV_TB1 355595	51.28 3.67 0.00	38.78 2.47 0.00	34.60 2.13 0.00	34.06 2.04 0.00	37.63 2.16 0.00	46.68 3.02 0.00	57.44 3.62 0.00	63.03 4.16 0.00	57.01 3.99 0.00	55.14 4.12 0.00	38.59 2.86 0.00	33.19 2.30 0.00	33.56 2.16 0.00	32.72 2.02 0.00	36.85 2.43 -0.02	38.14 2.78 0.00	56.44 3.45 0.00	55.15 3.74 0.00	126.46 6.62 0.00	70.82 4.24 0.00	55.56 3.45 0.00	46.92 2.91 0.00	49.00 2.73 0.00	39.37 2.08 0.00
CORTLAND_115KV_TB3 80093	47.45 -0.15 0.00	36.11 -0.20 0.00	32.34 -0.14 0.00	31.81 -0.21 0.00	35.33 -0.14 0.00	43.58 -0.08 0.00	53.93 0.11 0.00	59.11 0.24 0.00	53.18 0.16 0.00	51.14 0.11 0.00	35.79 0.06 0.00	30.90 0.01 0.00	31.47 0.07 0.00	30.73 0.04 0.00	34.47 0.07 0.00	35.69 0.33 0.00	53.17 0.18 0.00	51.93 0.52 0.00	120.86 1.02 0.00	67.20 0.62 0.00	52.59 0.49 0.00	44.37 0.37 0.00	46.65 0.39 0.00	37.52 0.24 0.00
COXSACKIE___GT 23611	51.37 3.76 0.00	39.09 2.78 0.00	34.98 2.50 0.00	34.51 2.49 0.00	38.20 2.73 0.00	46.99 3.33 0.00	57.87 4.05 0.00	63.54 4.67 0.00	57.15 4.12 0.00	54.48 3.46 0.00	37.57 1.84 0.00	32.29 1.40 0.00	32.61 1.21 0.00	32.08 1.39 0.00	36.05 1.65 0.00	37.58 2.22 0.00	57.02 4.03 0.00	55.75 4.34 0.00	129.37 9.52 0.00	71.51 4.93 0.00	55.79 3.69 0.00	46.86 2.85 0.00	49.13 2.87 0.00	39.41 2.13 0.00
CPV_VALLEY___CC1 323721	49.59 1.98 0.00	37.73 1.42 0.00	33.69 1.21 0.00	33.21 1.18 0.00	36.76 1.29 0.00	45.34 1.67 0.00	55.93 2.11 0.00	61.27 2.39 0.00	55.30 2.28 0.00	53.42 2.40 0.00	37.46 1.73 0.00	32.33 1.44 0.00	32.72 1.32 0.00	31.93 1.24 0.00	35.73 1.32 0.00	37.03 1.67 0.00	54.94 1.95 0.00	53.50 2.09 0.00	123.65 3.81 0.00	68.87 2.29 0.00	53.98 1.87 0.00	45.52 1.52 0.00	47.59 1.33 0.00	38.34 1.06 0.00
CPV_VALLEY___CC2 323722	49.59 1.98 0.00	37.73 1.42 0.00	33.69 1.21 0.00	33.21 1.18 0.00	36.76 1.29 0.00	45.34 1.67 0.00	55.93 2.11 0.00	61.27 2.39 0.00	55.30 2.28 0.00	53.42 2.40 0.00	37.46 1.73 0.00	32.33 1.44 0.00	32.72 1.32 0.00	31.93 1.24 0.00	35.73 1.32 0.00	37.03 1.67 0.00	54.94 1.95 0.00	53.50 2.09 0.00	123.65 3.81 0.00	68.87 2.29 0.00	53.98 1.87 0.00	45.52 1.52 0.00	47.59 1.33 0.00	38.34 1.06 0.00
CRESCENT___HYD 24018	49.80 2.19 0.00	37.87 1.56 0.00	33.81 1.33 0.00	33.39 1.37 0.00	36.94 1.47 0.00	45.54 1.88 0.00	56.11 2.29 0.00	61.49 2.62 0.00	55.34 2.32 0.00	53.13 2.11 0.00	36.86 1.13 0.00	31.83 0.94 0.00	32.29 0.89 0.00	31.61 0.92 0.00	35.51 1.10 0.00	36.85 1.49 0.00	55.19 2.19 0.00	53.73 2.33 0.00	124.34 4.50 0.00	69.11 2.53 0.00	53.96 1.85 0.00	45.39 1.38 0.00	47.50 1.24 0.00	38.21 0.92 0.00
CRICKET___VALLEY_CC1 323756	50.13 2.53 0.00	38.16 1.85 0.00	34.02 1.54 0.00	33.55 1.54 0.00	37.10 1.64 0.00	45.84 2.17 0.00	56.47 2.65 0.00	61.89 3.01 0.00	55.91 2.89 0.00	54.05 3.03 0.00	37.70 1.97 0.00	32.54 1.65 0.00	32.95 1.55 0.00	32.16 1.47 0.00	35.94 1.54 0.00	37.29 1.93 0.00	55.43 2.44 0.00	54.01 2.60 0.00	124.62 4.78 0.00	69.33 2.75 0.00	54.27 2.17 0.00	45.67 1.66 0.00	47.71 1.45 0.00	38.37 1.09 0.00
CRICKET___VALLEY_CC2 323757	50.13 2.53 0.00	38.16 1.85 0.00	34.02 1.54 0.00	33.55 1.54 0.00	37.10 1.64 0.00	45.84 2.17 0.00	56.47 2.65 0.00	61.89 3.01 0.00	55.91 2.89 0.00	54.05 3.03 0.00	37.70 1.97 0.00	32.54 1.65 0.00	32.95 1.55 0.00	32.16 1.47 0.00	35.94 1.54 0.00	37.29 1.93 0.00	55.43 2.44 0.00	54.01 2.60 0.00	124.62 4.78 0.00	69.33 2.75 0.00	54.27 2.17 0.00	45.67 1.66 0.00	47.71 1.45 0.00	38.37 1.09 0.00
CRICKET___VALLEY_CC3 323758	50.13 2.53 0.00	38.16 1.85 0.00	34.02 1.54 0.00	33.55 1.54 0.00	37.10 1.64 0.00	45.84 2.17 0.00	56.47 2.65 0.00	61.89 3.01 0.00	55.91 2.89 0.00	54.05 3.03 0.00	37.70 1.97 0.00	32.54 1.65 0.00	32.95 1.55 0.00	32.16 1.47 0.00	35.94 1.54 0.00	37.29 1.93 0.00	55.43 2.44 0.00	54.01 2.60 0.00	124.62 4.78 0.00	69.33 2.75 0.00	54.27 2.17 0.00	45.67 1.66 0.00	47.71 1.45 0.00	38.37 1.09 0.00
CRUCIBLE_METL_DRP 24180	46.64 -0.97 0.00	35.52 -0.79 0.00	31.79 -0.69 0.00	31.34 -0.69 0.00	34.75 -0.72 0.00	42.84 -0.83 0.00	52.98 -0.85 0.00	57.96 -0.91 0.00	52.16 -0.87 0.00	50.12 -0.90 0.00	35.16 -0.57 0.00	30.42 -0.47 0.00	30.96 -0.44 0.00	30.27 -0.42 0.00	33.94 -0.46 0.00	35.02 -0.33 0.00	52.22 -0.77 0.00	50.86 -0.54 0.00	118.43 -1.41 0.00	65.79 -0.79 0.00	51.48 -0.62 0.00	43.49 -0.52 0.00	45.70 -0.56 0.00	36.78 -0.51 0.00
DAHOWA___HYDRO 323763	49.90 2.29 0.00	37.90 1.59 0.00	33.82 1.34 0.00	33.42 1.40 0.00	36.96 1.50 0.00	45.69 2.02 0.00	56.55 2.73 0.00	62.15 3.28 0.00	55.85 2.82 0.00	53.47 2.46 0.00	36.97 1.23 0.00	31.87 0.98 0.00	32.40 1.00 0.00	31.78 1.10 0.00	35.76 1.35 0.00	37.25 1.89 0.00	55.92 2.93 0.00	54.52 3.11 0.00	126.09 6.25 0.00	70.15 3.56 0.00	54.77 2.67 0.00	45.92 1.92 0.00	47.91 1.65 0.00	38.50 1.21 0.00
DANC___LFGE 323619	52.42 -2.68 -7.49	40.48 -2.11 -6.28	36.50 -1.84 -5.86	35.99 -1.85 -5.81	39.57 -2.08 -6.18	48.41 -2.33 -7.08	59.80 -2.22 -8.19	65.13 -2.50 -8.76	58.80 -2.30 -8.07	56.41 -2.29 -7.68	40.40 -1.56 -6.24	35.23 -1.36 -5.71	35.76 -1.40 -5.76	35.13 -1.24 -5.68	39.41 -1.08 -6.09	40.61 -0.92 -6.17	59.34 -1.73 -8.08	57.55 -1.78 -7.92	132.36 -2.93 -15.45	74.38 -1.78 -9.57	54.87 -1.19 -3.96	42.79 -1.22 0.00	45.32 -0.94 0.00	36.32 -0.97 0.00
DANSKAMMER___1 23586	50.84 3.23 0.00	38.64 2.33 0.00	34.47 2.00 0.00	33.98 1.96 0.00	37.60 2.14 0.00	46.47 2.80 0.00	57.38 3.56 0.00	62.92 4.05 0.00	56.83 3.80 0.00	54.90 3.87 0.00	38.45 2.71 0.00	33.12 2.24 0.00	33.48 2.08 0.00	32.67 1.98 0.00	36.58 2.18 0.00	37.99 2.63 0.00	56.41 3.42 0.00	55.01 3.60 0.00	126.96 7.12 0.00	70.72 4.14 0.00	55.40 3.30 0.00	46.68 2.68 0.00	48.74 2.48 0.00	39.19 1.90 0.00
DANSKAMMER___2 23589	50.84 3.23 0.00	38.64 2.33 0.00	34.47 2.00 0.00	33.98 1.96 0.00	37.60 2.14 0.00	46.47 2.80 0.00	57.38 3.56 0.00	62.92 4.05 0.00	56.83 3.80 0.00	54.90 3.87 0.00	38.45 2.71 0.00	33.12 2.24 0.00	33.48 2.08 0.00	32.67 1.98 0.00	36.58 2.18 0.00	37.99 2.63 0.00	56.41 3.42 0.00	55.01 3.60 0.00	126.96 7.12 0.00	70.72 4.14 0.00	55.40 3.30 0.00	46.68 2.68 0.00	48.74 2.48 0.00	39.19 1.90 0.00
DANSKAMMER___3 23590	50.84 3.23 0.00	38.64 2.33 0.00	34.47 2.00 0.00	33.98 1.96 0.00	37.60 2.14 0.00	46.47 2.80 0.00	57.38 3.56 0.00	62.92 4.05 0.00	56.83 3.80 0.00	54.90 3.87 0.00	38.45 2.71 0.00	33.12 2.24 0.00	33.48 2.08 0.00	32.67 1.98 0.00	36.58 2.18 0.00	37.99 2.63 0.00	56.41 3.42 0.00	55.01 3.60 0.00	126.96 7.12 0.00	70.72 4.14 0.00	55.40 3.30 0.00	46.68 2.68 0.00	48.74 2.48 0.00	39.19 1.90 0.00

DANSKAMMER___4 23591	50.84 3.23 0.00	38.64 2.33 0.00	34.47 2.00 0.00	33.98 1.96 0.00	37.60 2.14 0.00	46.47 2.80 0.00	57.38 3.56 0.00	62.92 4.05 0.00	56.83 3.80 0.00	54.90 3.87 0.00	38.45 2.71 0.00	33.12 2.24 0.00	33.48 2.08 0.00	32.67 1.98 0.00	36.58 2.18 0.00	37.99 2.63 0.00	56.41 3.42 0.00	55.01 3.60 0.00	126.96 7.12 0.00	70.72 4.14 0.00	55.40 3.30 0.00	46.68 2.68 0.00	48.74 2.48 0.00	39.19 1.90 0.00
DANSKAMMER___DIESEL 23592	50.85 3.24 0.00	38.64 2.33 0.00	34.47 2.00 0.00	33.98 1.96 0.00	37.60 2.14 0.00	46.47 2.81 0.00	57.39 3.56 0.00	62.92 4.05 0.00	56.83 3.81 0.00	54.90 3.88 0.00	38.44 2.71 0.00	33.12 2.24 0.00	33.48 2.08 0.00	32.67 1.98 0.00	36.57 2.17 0.00	37.98 2.62 0.00	56.41 3.42 0.00	55.00 3.59 0.00	126.92 7.08 0.00	70.72 4.14 0.00	55.40 3.30 0.00	46.68 2.68 0.00	48.74 2.48 0.00	39.19 1.91 0.00
DARBY___SOLAR 323810	49.94 2.33 0.00	37.93 1.62 0.00	33.86 1.38 0.00	33.45 1.43 0.00	37.01 1.54 0.00	45.71 2.05 0.00	56.51 2.69 0.00	62.07 3.19 0.00	55.77 2.75 0.00	53.42 2.40 0.00	36.94 1.21 0.00	31.86 0.98 0.00	32.40 1.00 0.00	31.77 1.08 0.00	35.73 1.33 0.00	37.20 1.84 0.00	55.84 2.85 0.00	54.42 3.02 0.00	125.89 6.05 0.00	69.93 3.35 0.00	54.58 2.48 0.00	45.88 1.88 0.00	47.92 1.66 0.00	38.50 1.22 0.00
DASHVILLE___HYD 23610	51.25 3.64 0.00	38.94 2.63 0.00	34.76 2.28 0.00	34.24 2.22 0.00	37.87 2.41 0.00	46.81 3.15 0.00	57.89 4.07 0.00	63.56 4.69 0.00	57.44 4.42 0.00	55.51 4.49 0.00	38.82 3.09 0.00	33.37 2.49 0.00	33.68 2.29 0.00	32.85 2.16 0.00	36.83 2.42 0.00	38.34 2.98 0.00	57.04 4.05 0.00	55.68 4.27 0.00	128.59 8.75 0.00	71.61 5.03 0.00	56.09 3.99 0.00	47.24 3.24 0.00	49.28 3.02 0.00	39.59 2.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	51.10 3.49 0.00	38.41 2.10 0.00	34.28 1.80 0.00	33.69 1.67 0.00	37.18 1.72 0.00	46.36 2.70 0.00	57.16 3.34 0.00	62.86 3.99 0.00	56.87 3.85 0.00	54.82 3.80 0.00	38.26 2.53 0.00	32.73 1.84 0.00	32.89 1.49 0.00	32.01 1.32 0.00	36.31 1.91 0.01	37.88 2.52 0.00	56.56 3.57 0.00	55.56 4.16 0.00	126.67 6.83 0.00	71.24 4.66 0.00	56.52 4.42 0.00	47.93 3.93 0.00	50.11 3.85 0.00	39.95 2.66 0.00
DELAWARE___LFGE 323621	48.86 1.25 0.00	37.16 0.85 0.00	33.31 0.83 0.00	32.82 0.79 0.00	36.39 0.93 0.00	44.70 1.04 0.00	55.27 1.44 0.00	60.56 1.69 0.00	54.50 1.47 0.00	52.49 1.47 0.00	36.76 1.03 0.00	31.73 0.84 0.00	32.23 0.83 0.00	31.46 0.78 0.00	35.25 0.84 0.00	36.46 1.11 0.00	54.36 1.37 0.00	53.00 1.60 0.00	123.11 3.27 0.00	68.47 1.89 0.00	53.64 1.54 0.00	45.26 1.25 0.00	47.50 1.24 0.00	38.21 0.93 0.00
DERFIELD_115KV_TB7 355931	47.80 0.19 0.00	36.42 0.11 0.00	32.57 0.10 0.00	32.12 0.10 0.00	35.57 0.11 0.00	43.80 0.13 0.00	53.99 0.17 0.00	59.09 0.22 0.00	53.23 0.18 -0.02	51.27 0.18 -0.07	35.80 0.08 0.00	30.95 0.06 0.00	31.44 0.04 0.00	30.75 0.06 0.00	34.47 0.07 0.00	35.53 0.17 0.00	53.16 0.17 0.00	51.61 0.20 0.00	120.08 0.24 0.00	66.72 0.13 0.00	52.21 0.10 0.00	44.06 0.06 0.00	46.30 0.04 0.00	37.30 0.02 0.00
DOGLEVILLE___HYD 23807	48.38 0.77 0.00	36.85 0.53 0.00	32.86 0.38 0.00	32.40 0.38 0.00	35.95 0.48 0.00	44.33 0.67 0.00	54.67 0.85 0.00	59.93 1.06 0.00	53.71 0.66 -0.02	51.50 0.41 -0.07	35.74 0.01 0.00	30.77 -0.12 0.00	31.04 -0.36 0.00	30.30 -0.39 0.00	34.08 -0.33 0.00	35.71 0.35 0.00	53.55 0.56 0.00	52.23 0.83 0.00	120.79 0.95 0.00	66.90 0.32 0.00	52.38 0.27 0.00	43.98 -0.02 0.00	45.91 -0.35 0.00	36.76 -0.53 0.00
DUNKIRK___115KV_TB_200 55889	42.97 -4.64 0.00	32.90 -3.41 0.00	29.26 -3.08 0.15	28.76 -3.23 0.03	32.18 -3.29 0.00	39.93 -3.74 0.00	49.54 -4.25 0.03	48.12 -5.21 5.54	43.09 -4.39 5.55	37.73 -4.17 9.12	33.36 -2.37 0.00	28.65 -2.24 0.00	29.28 -2.12 0.00	28.66 -2.03 0.00	32.48 -1.93 0.00	33.69 -1.66 0.00	49.68 -3.31 0.00	48.85 -2.56 0.00	113.50 -6.35 0.00	63.41 -3.17 0.00	49.97 -2.13 0.00	42.87 -1.13 0.00	45.66 -0.61 0.00	36.98 -0.30 0.00
DUNKIRK___1 23563	42.97 -4.64 0.00	32.90 -3.41 0.00	29.26 -3.08 0.15	28.76 -3.23 0.03	32.18 -3.29 0.00	39.93 -3.74 0.00	49.54 -4.25 0.03	48.12 -5.21 5.54	43.09 -4.39 5.55	37.73 -4.17 9.12	33.36 -2.37 0.00	28.65 -2.24 0.00	29.28 -2.12 0.00	28.66 -2.03 0.00	32.48 -1.93 0.00	33.69 -1.66 0.00	49.68 -3.31 0.00	48.85 -2.56 0.00	113.50 -6.35 0.00	63.41 -3.17 0.00	49.97 -2.13 0.00	42.87 -1.13 0.00	45.66 -0.61 0.00	36.98 -0.30 0.00
DUNKIRK___2 23564	42.97 -4.64 0.00	32.90 -3.41 0.00	29.26 -3.08 0.15	28.76 -3.23 0.03	32.18 -3.29 0.00	39.93 -3.74 0.00	49.54 -4.25 0.03	48.12 -5.21 5.54	43.09 -4.39 5.55	37.73 -4.17 9.12	33.36 -2.37 0.00	28.65 -2.24 0.00	29.28 -2.12 0.00	28.66 -2.03 0.00	32.48 -1.93 0.00	33.69 -1.66 0.00	49.68 -3.31 0.00	48.85 -2.56 0.00	113.50 -6.35 0.00	63.41 -3.17 0.00	49.97 -2.13 0.00	42.87 -1.13 0.00	45.66 -0.61 0.00	36.98 -0.30 0.00
DUNKIRK___3 23565	43.05 -4.56 0.00	32.95 -3.36 0.00	29.29 -3.02 0.16	28.81 -3.18 0.04	32.22 -3.24 0.00	39.97 -3.70 0.00	49.58 -4.21 0.04	47.56 -5.20 6.11	42.49 -4.42 6.11	36.72 -4.24 10.05	33.27 -2.46 0.00	28.62 -2.27 0.00	29.29 -2.11 0.00	28.66 -2.03 0.00	32.46 -1.94 0.00	33.67 -1.69 0.00	49.58 -3.41 0.00	48.70 -2.71 0.00	113.14 -6.71 0.00	63.19 -3.39 0.00	49.77 -2.34 0.00	42.69 -1.32 0.00	45.48 -0.78 0.00	36.85 -0.43 0.00
DUNKIRK___4 23566	43.05 -4.56 0.00	32.95 -3.36 0.00	29.29 -3.02 0.16	28.81 -3.18 0.04	32.22 -3.24 0.00	39.97 -3.70 0.00	49.58 -4.21 0.04	47.56 -5.20 6.11	42.49 -4.42 6.11	36.72 -4.24 10.05	33.27 -2.46 0.00	28.62 -2.27 0.00	29.29 -2.11 0.00	28.66 -2.03 0.00	32.46 -1.94 0.00	33.67 -1.69 0.00	49.58 -3.41 0.00	48.70 -2.71 0.00	113.14 -6.71 0.00	63.19 -3.39 0.00	49.77 -2.34 0.00	42.69 -1.32 0.00	45.48 -0.78 0.00	36.85 -0.43 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.48 2.87 0.00	38.38 2.07 0.00	34.21 1.74 0.00	33.75 1.72 0.00	37.31 1.84 0.00	46.10 2.43 0.00	56.87 3.05 0.00	62.27 3.40 0.00	56.29 3.26 0.00	54.47 3.45 0.00	38.22 2.49 0.00	33.01 2.12 0.00	33.38 1.99 0.00	32.56 1.87 0.00	36.40 1.99 0.00	37.76 2.40 0.00	55.87 2.88 0.00	54.41 3.00 0.00	125.39 5.54 0.00	69.91 3.33 0.00	54.82 2.71 0.00	46.24 2.24 0.00	48.30 2.03 0.00	38.86 1.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.42 2.81 0.00	38.32 2.02 0.00	34.20 1.72 0.00	33.71 1.69 0.00	37.31 1.84 0.00	46.08 2.41 0.00	56.90 3.07 0.00	62.35 3.48 0.00	56.33 3.31 0.00	54.42 3.40 0.00	38.14 2.41 0.00	32.86 1.97 0.00	33.22 1.82 0.00	32.41 1.72 0.00	36.27 1.87 0.00	37.66 2.30 0.00	55.91 2.93 0.00	54.49 3.09 0.00	125.83 5.99 0.00	70.10 3.52 0.00	54.94 2.83 0.00	46.31 2.31 0.00	48.38 2.12 0.00	38.92 1.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	50.62 3.01 0.00	38.46 2.15 0.00	34.28 1.80 0.00	33.82 1.79 0.00	37.27 1.80 0.00	46.12 2.46 0.00	56.97 3.15 0.00	62.35 3.48 0.00	56.40 3.38 0.00	54.64 3.62 0.00	38.43 2.70 0.00	33.23 2.34 0.00	33.52 2.13 0.00	32.69 2.00 0.00	36.51 2.10 0.00	37.89 2.53 0.00	55.93 2.94 0.00	54.48 3.08 0.00	125.62 5.78 0.00	70.03 3.45 0.00	54.89 2.79 0.00	46.35 2.34 0.00	48.35 2.09 0.00	38.98 1.70 0.00
E179THST_13_KV_LOAD 356214	50.81 3.20 0.00	38.60 2.29 0.00	34.40 1.92 0.00	33.94 1.92 0.00	37.39 1.93 0.00	46.29 2.62 0.00	57.20 3.38 0.00	62.63 3.75 0.00	56.66 3.63 0.00	54.88 3.86 0.00	38.60 2.87 0.00	33.38 2.48 0.00	33.66 2.26 0.00	32.83 2.14 0.00	36.67 2.27 0.00	38.06 2.70 0.00	56.20 3.21 0.00	54.75 3.34 0.00	126.22 6.38 0.00	70.37 3.79 0.00	55.14 3.04 0.00	46.56 2.55 0.00	48.56 2.30 0.00	39.15 1.86 0.00
EAST HAMPTON___GT 23717	50.13 2.52 0.00	37.66 1.35 0.00	33.59 1.12 0.00	33.03 1.01 0.00	36.45 0.98 0.00	45.47 1.81 0.00	56.08 2.26 0.00	61.73 2.86 0.00	55.87 2.84 0.00	53.86 2.84 0.00	37.58 1.85 0.00	32.12 1.23 0.00	32.22 0.82 0.00	31.37 0.68 0.00	35.60 1.20 0.01	37.19 1.83 0.00	55.79 2.80 0.00	54.90 3.49 0.00	124.72 4.88 0.00	70.33 3.75 0.00	56.36 4.25 0.00	48.03 4.03 0.00	50.23 3.97 0.00	39.86 2.58 0.00
EAST RIVER___6 23660	50.63 3.03 0.00	38.51 2.20 0.00	34.31 1.84 0.00	33.83 1.81 0.00	37.36 1.89 0.00	46.22 2.56 0.00	56.93 3.11 0.00	62.34 3.47 0.00	56.43 3.41 0.00	54.72 3.70 0.00	38.50 2.77 0.00	33.29 2.40 0.00	33.65 2.25 0.00	32.80 2.12 0.00	36.62 2.21 0.00	38.05 2.69 0.00	56.20 3.21 0.00	54.57 3.17 0.00	125.59 5.75 0.00	70.03 3.45 0.00	54.95 2.85 0.00	46.33 2.32 0.00	48.29 2.03 0.00	38.86 1.58 0.00
EAST RIVER___7 23524	50.63 3.03 0.00	38.51 2.20 0.00	34.31 1.84 0.00	33.83 1.81 0.00	37.36 1.89 0.00	46.22 2.56 0.00	56.93 3.11 0.00	62.34 3.47 0.00	56.43 3.41 0.00	54.72 3.70 0.00	38.50 2.77 0.00	33.29 2.40 0.00	33.65 2.25 0.00	32.80 2.12 0.00	36.62 2.21 0.00	38.05 2.69 0.00	56.20 3.21 0.00	54.57 3.17 0.00	125.59 5.75 0.00	70.03 3.45 0.00	54.95 2.85 0.00	46.33 2.32 0.00	48.29 2.03 0.00	38.86 1.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.38 2.77 0.00	38.31 2.00 0.00	34.16 1.68 0.00	33.69 1.67 0.00	37.24 1.78 0.00	46.03 2.36 0.00	56.76 2.94 0.00	62.18 3.31 0.00	56.19 3.16 0.00	54.36 3.34 0.00	38.12 2.39 0.00	32.92 2.03 0.00	33.31 1.91 0.00	32.48 1.79 0.00	36.31 1.90 0.00	37.67 2.31 0.00	55.77 2.78 0.00	54.31 2.90 0.00	125.23 5.39 0.00	69.80 3.22 0.00	54.74 2.63 0.00	46.16 2.15 0.00	48.21 1.95 0.00	38.80 1.51 0.00
EAST_HAMPTON___DIESEL 23722	49.95 2.35 0.00	37.54 1.23 0.00	33.48 1.00 0.00	32.91 0.89 0.00	36.33 0.86 0.00	45.32 1.65 0.00	55.92 2.10 0.00	61.51 2.64 0.00	55.69 2.66 0.00	53.68 2.66 0.00	37.44 1.71 0.00	32.01 1.12 0.00	32.10 0.71 0.00	31.26 0.57 0.00	35.48 1.08 0.01	37.06 1.70 0.00	55.63 2.65 0.00	54.76 3.35 0.00	124.29 4.45 0.00	70.15 3.57 0.00	56.27 4.16 0.00	47.99 3.98 0.00	50.18 3.92 0.00	39.82 2.54 0.00
EAST_POINT___SOLAR 323840	50.20 2.59 0.00	38.22 1.91 0.00	34.18 1.70 0.00	33.67 1.65 0.00	37.37 1.90 0.00	46.01 2.35 0.00	57.26 3.43 0.00	62.84 3.97 0.00	56.02 2.99 0.00	53.24 2.22 0.00	37.61 1.88 0.00	32.23 1.34 0.00	32.94 1.54 0.00	32.27 1.58 0.00	36.33 1.92 0.00	37.55 2.19 0.00	56.46 3.47 0.00	55.10 3.69 0.00	128.52 8.68 0.00	71.34 4.76 0.00	55.82 3.72 0.00	47.18 3.17 0.00	49.57 3.30 0.00	39.81 2.53 0.00
EAST_PULASKI___ESR 323781	49.56 -2.10 -4.05	38.07 -1.63 -3.39	34.21 -1.44 -3.16	33.72 -1.44 -3.14	37.21 -1.59 -3.34	45.67 -1.81 -3.82	56.35 -1.89 -4.42	61.51 -2.10 -4.73	55.48 -1.91 -4.36	53.26 -1.91 -4.15	37.80 -1.29 -3.37	32.88 -1.09 -3.08	33.40 -1.11 -3.11	32.73 -1.03 -3.07	36.66 -1.03 -3.29	37.80 -0.89 -3.33	55.74 -1.61 -4.36	54.18 -1.50 -4.28	124.95 -3.23 -8.34	69.94 -1.81 -5.17	52.89 -1.35 -2.14	42.79 -1.22 0.00	45.07 -1.19 0.00	36.23 -1.05 0.00
EAST_RIVER___1 323558	50.58 2.97 0.00	38.45 2.15 0.00	34.28 1.80 0.00	33.80 1.78 0.00	37.34 1.88 0.00	46.16 2.50 0.00	56.93 3.11 0.00	62.32 3.45 0.00	56.38 3.35 0.00	54.64 3.62 0.00	38.44 2.71 0.00	33.25 2.36 0.00	33.60 2.21 0.00	32.76 2.07 0.00	36.57 2.17 0.00	37.96 2.60 0.00	56.04 3.05 0.00	54.49 3.08 0.00	125.45 5.61 0.00	69.96 3.38 0.00	54.88 2.78 0.00	46.31 2.31 0.00	48.30 2.04 0.00	38.88 1.59 0.00
EAST_RIVER___2 323559	50.63 3.03 0.00	38.51 2.20 0.00	34.31 1.84 0.00	33.83 1.81 0.00	37.36 1.89 0.00	46.22 2.56 0.00	56.93 3.11 0.00	62.34 3.47 0.00	56.43 3.41 0.00	54.72 3.70 0.00	38.50 2.77 0.00	33.29 2.40 0.00	33.65 2.25 0.00	32.80 2.12 0.00	36.62 2.21 0.00	38.05 2.69 0.00	56.20 3.21 0.00	54.57 3.17 0.00	125.59 5.75 0.00	70.03 3.45 0.00	54.95 2.85 0.00	46.33 2.32 0.00	48.29 2.03 0.00	38.86 1.58 0.00
EAST___DELAWARE_HYD 23607	50.07 2.46 0.00	38.04 1.73 0.00	33.95 1.47 0.00	33.46 1.43 0.00	37.06 1.60 0.00	45.82 2.15 0.00	56.65 2.83 0.00	62.15 3.28 0.00	55.86 2.84 0.00	53.88 2.86 0.00	37.70 1.97 0.00	32.35 1.46 0.00	32.65 1.25 0.00	31.80 1.11 0.00	35.67 1.26 0.00	37.07 1.71 0.00	55.29 2.30 0.00	53.92 2.51 0.00	124.66 4.82 0.00	69.43 2.85 0.00	54.37 2.27 0.00	45.81 1.81 0.00	47.81 1.55 0.00	38.43 1.14 0.00
EIGHT_POINT___WT_PWR 323820	42.47 -5.14 0.00	32.57 -3.74 0.00	29.82 -3.14 -0.48	28.50 -3.64 -0.10	31.66 -3.80 0.00	39.11 -4.56 0.00	48.96 -4.96 -0.10	72.17 -5.05 -18.35	66.39 -4.98 -18.35	76.66 -4.54 -30.18	32.96 -2.77 0.00	28.37 -2.52 0.00	29.11 -2.29 0.00	28.47 -2.22 0.00	31.97 -2.44 0.00	33.51 -1.85 0.00	49.87 -3.13 -0.01	49.24 -2.17 0.00	114.74 -5.10 0.00	64.16 -2.43 0.00	50.85 -1.26 0.00	43.44 -0.57 0.00	46.05 -0.21 0.00	37.17 -0.11 0.00
ELBRIDGE_115KV_TB2 80188	46.29 -1.32 0.00	35.28 -1.03 0.00	31.57 -0.90 0.00	31.11 -0.91 0.00	34.50 -0.96 0.00	42.49 -1.18 0.00	52.56 -1.26 0.00	57.49 -1.38 0.00	51.73 -1.29 0.00	49.71 -1.31 0.00	34.87 -0.86 0.00	30.18 -0.71 0.00	30.73 -0.67 0.00	30.03 -0.66 0.00	33.68 -0.72 0.00	34.71 -0.65 0.00	51.75 -1.23 0.00	50.42 -0.99 0.00	117.50 -2.34 0.00	65.24 -1.35 0.00	51.08 -1.03 0.00	43.17 -0.83 0.00	45.38 -0.89 0.00	36.51 -0.77 0.00
ELEC_TRO_TEK 24086	51.03 3.42 0.00	38.59 2.28 0.00	34.43 1.95 0.00	33.89 1.86 0.00	37.43 1.96 0.00	46.45 2.78 0.00	57.15 3.33 0.00	62.72 3.85 0.00	56.75 3.72 0.00	54.87 3.86 0.00	38.39 2.66 0.00	33.04 2.15 0.00	33.41 2.01 0.00	32.57 1.87 0.00	36.65 2.24 -0.01	37.96 2.60 0.00	56.16 3.17 0.00	54.86 3.45 0.00	125.78 5.94 0.00	70.44 3.86 0.00	55.26 3.16 0.00	46.67 2.67 0.00	48.76 2.50 0.00	39.18 1.90 0.00

ELLENBURG_WT_PWR 323604	-21.31 -2.02 66.90	-21.22 -1.49 56.04	-21.21 -1.35 52.34	-21.18 -1.31 51.89	-21.21 -1.51 55.17	-21.29 -1.78 63.18	-21.24 -1.92 73.14	-21.47 -2.17 78.17	-21.54 -1.93 72.63	-21.28 -1.99 70.31	-21.25 -1.36 55.63	-21.24 -1.21 50.93	-21.24 -1.23 51.41	-21.21 -1.18 50.72	-21.20 -1.30 54.30	-21.14 -1.48 55.03	-20.81 -1.71 72.10	-21.30 -2.04 70.66	-21.67 -3.60 137.91	-21.25 -2.39 85.44	14.94 -1.85 35.31	42.78 -1.23 0.00	45.53 -0.73 0.00	37.02 -0.26 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	43.16 -4.45 0.00	33.00 -3.31 0.00	29.39 -2.93 0.16	28.92 -3.07 0.04	32.33 -3.13 0.00	40.05 -3.61 0.00	49.59 -4.19 0.04	47.43 -5.28 6.17	42.28 -4.58 6.17	36.29 -4.59 10.15	32.95 -2.78 0.00	28.48 -2.41 0.00	29.23 -2.17 0.00	28.55 -2.14 0.00	32.37 -2.03 0.00	33.49 -1.87 0.00	49.03 -3.95 0.00	48.03 -3.38 0.00	111.59 -8.25 0.00	62.22 -4.36 0.00	48.93 -3.17 0.00	41.94 -2.06 0.00	44.75 -1.51 0.00	36.38 -0.90 0.00
EMPIRE_CC_1 323656	49.87 2.26 0.00	37.95 1.64 0.00	33.87 1.39 0.00	33.46 1.43 0.00	37.00 1.53 0.00	45.57 1.91 0.00	56.03 2.21 0.00	61.37 2.50 0.00	55.26 2.23 0.00	53.13 2.11 0.00	36.92 1.19 0.00	31.88 0.99 0.00	32.32 0.92 0.00	31.63 0.94 0.00	35.50 1.10 0.00	36.79 1.43 0.00	55.02 2.03 0.00	53.54 2.14 0.00	123.87 4.03 0.00	68.81 2.23 0.00	53.75 1.65 0.00	45.25 1.25 0.00	47.40 1.14 0.00	38.17 0.88 0.00
EMPIRE_CC_2 323658	49.87 2.26 0.00	37.95 1.64 0.00	33.87 1.39 0.00	33.46 1.43 0.00	37.00 1.53 0.00	45.57 1.91 0.00	56.03 2.21 0.00	61.37 2.50 0.00	55.26 2.23 0.00	53.13 2.11 0.00	36.92 1.19 0.00	31.88 0.99 0.00	32.32 0.92 0.00	31.63 0.94 0.00	35.50 1.10 0.00	36.79 1.43 0.00	55.02 2.03 0.00	53.54 2.14 0.00	123.87 4.03 0.00	68.81 2.23 0.00	53.75 1.65 0.00	45.25 1.25 0.00	47.40 1.14 0.00	38.17 0.88 0.00
ENORWICH_115KV_TB1 80156	49.11 1.50 0.00	37.29 0.98 0.00	33.44 0.96 0.00	32.94 0.92 0.00	36.80 1.34 0.00	45.52 1.86 0.00	57.36 3.54 0.00	67.01 8.14 0.00	59.32 6.30 0.00	56.96 5.94 0.00	38.98 3.25 0.00	33.59 2.70 0.00	34.02 2.63 0.00	33.04 2.35 0.00	37.10 2.69 0.00	39.03 3.67 0.00	58.19 5.20 0.00	55.00 3.59 0.00	128.75 8.91 0.00	71.71 5.13 0.00	56.29 4.18 0.00	47.46 3.45 0.00	49.81 3.54 0.00	39.80 2.52 0.00
ERIE_ST__34_KV_TB1-2 80199	44.10 -3.51 0.00	33.69 -2.62 0.00	30.04 -2.30 0.14	29.52 -2.48 0.03	33.01 -2.45 0.00	40.89 -2.78 0.00	50.67 -3.12 0.03	49.55 -4.05 5.28	44.27 -3.47 5.28	38.90 -3.43 8.69	33.69 -2.04 0.00	29.13 -1.76 0.00	29.90 -1.50 0.00	29.25 -1.45 0.00	33.10 -1.30 0.00	34.25 -1.10 0.00	50.14 -2.84 0.00	49.11 -2.30 0.00	114.05 -5.79 0.00	63.59 -2.99 0.00	49.97 -2.14 0.00	42.78 -1.23 0.00	45.62 -0.64 0.00	37.01 -0.28 0.00
ERIE_WT_PWR 323693	43.36 -4.25 0.00	33.19 -3.12 0.00	29.56 -2.76 0.16	29.03 -2.96 0.03	32.50 -2.97 0.00	40.25 -3.41 0.00	49.85 -3.93 0.03	47.99 -4.96 5.92	42.84 -4.26 5.93	37.01 -4.26 9.75	33.20 -2.53 0.00	28.67 -2.22 0.00	29.40 -2.00 0.00	28.70 -1.99 0.00	32.58 -1.82 0.00	33.67 -1.68 0.00	49.37 -3.62 0.00	48.38 -3.03 0.00	112.47 -7.37 0.00	62.72 -3.86 0.00	49.37 -2.73 0.00	42.31 -1.69 0.00	45.16 -1.10 0.00	36.67 -0.62 0.00
ESPRGFLD_115KV_TB1 80157	48.76 1.15 0.00	37.13 0.82 0.00	33.27 0.79 0.00	32.77 0.74 0.00	36.38 0.91 0.00	44.74 1.07 0.00	55.75 1.93 0.00	61.16 2.29 0.00	55.08 2.06 0.00	52.97 1.95 0.00	37.39 1.66 0.00	32.22 1.33 0.00	32.79 1.39 0.00	32.03 1.34 0.00	35.90 1.49 0.00	36.95 1.60 0.00	55.12 2.13 0.00	53.51 2.10 0.00	124.93 5.08 0.00	69.51 2.92 0.00	54.52 2.42 0.00	46.15 2.15 0.00	48.62 2.36 0.00	39.13 1.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.64 0.03 0.00	36.24 -0.07 0.00	32.45 -0.03 0.00	31.92 -0.10 0.00	35.47 0.01 0.00	43.76 0.10 0.00	54.20 0.38 0.00	59.24 0.37 0.00	53.26 0.23 0.00	51.20 0.17 0.00	35.84 0.11 0.00	30.92 0.03 0.00	31.52 0.12 0.00	30.75 0.05 0.00	34.46 0.06 0.00	35.69 0.33 0.00	53.27 0.28 0.00	52.26 0.85 0.00	121.84 2.00 0.00	67.75 1.17 0.00	53.02 0.92 0.00	44.75 0.75 0.00	47.02 0.76 0.00	37.78 0.49 0.00
ETNA____115KV_TB2 80207	47.64 0.03 0.00	36.24 -0.07 0.00	32.45 -0.03 0.00	31.92 -0.10 0.00	35.47 0.01 0.00	43.76 0.10 0.00	54.20 0.38 0.00	59.24 0.37 0.00	53.26 0.23 0.00	51.20 0.17 0.00	35.84 0.11 0.00	30.92 0.03 0.00	31.52 0.12 0.00	30.75 0.05 0.00	34.46 0.06 0.00	35.69 0.33 0.00	53.27 0.28 0.00	52.26 0.85 0.00	121.84 2.00 0.00	67.75 1.17 0.00	53.02 0.92 0.00	44.75 0.75 0.00	47.02 0.76 0.00	37.78 0.49 0.00
EUCLID____115KV_TB2 356179	46.23 -1.38 0.00	35.22 -1.09 0.00	31.53 -0.95 0.00	31.06 -0.96 0.00	34.44 -1.03 0.00	42.47 -1.20 0.00	52.47 -1.35 0.00	57.39 -1.48 0.00	51.67 -1.36 0.00	49.67 -1.35 0.00	34.84 -0.89 0.00	30.14 -0.75 0.00	30.68 -0.72 0.00	29.99 -0.70 0.00	33.63 -0.77 0.00	34.71 -0.65 0.00	51.72 -1.27 0.00	50.34 -1.07 0.00	117.15 -2.70 0.00	65.10 -1.48 0.00	50.94 -1.16 0.00	43.04 -0.97 0.00	45.24 -1.02 0.00	36.45 -0.84 0.00
E_CANADA_CAP_HY 24051	49.23 1.62 0.00	37.54 1.23 0.00	33.58 1.10 0.00	33.09 1.06 0.00	36.70 1.24 0.00	45.16 1.49 0.00	56.17 2.35 0.00	61.49 2.61 0.00	55.06 2.04 0.00	52.75 1.73 0.00	37.34 1.60 0.00	32.10 1.21 0.00	32.77 1.37 0.00	32.06 1.37 0.00	35.94 1.54 0.00	36.93 1.57 0.00	55.24 2.24 0.00	53.71 2.30 0.00	125.43 5.59 0.00	69.72 3.14 0.00	54.64 2.54 0.00	46.29 2.29 0.00	48.85 2.59 0.00	39.33 2.05 0.00
E_CANADA_MHWK_HY 24050	48.38 0.77 0.00	36.85 0.53 0.00	32.86 0.38 0.00	32.40 0.38 0.00	35.95 0.48 0.00	44.33 0.67 0.00	54.67 0.85 0.00	59.93 1.06 0.00	53.71 0.66 -0.02	51.50 0.41 -0.07	35.74 0.01 0.00	30.77 -0.12 0.00	31.04 -0.36 0.00	30.30 -0.39 0.00	34.08 -0.33 0.00	35.71 0.35 0.00	53.55 0.56 0.00	52.23 0.83 0.00	120.79 0.95 0.00	66.90 0.32 0.00	52.38 0.27 0.00	43.98 -0.02 0.00	45.91 -0.35 0.00	36.76 -0.53 0.00
E_FISHKILL____LBMP 23776	50.19 2.59 0.00	38.17 1.86 0.00	34.06 1.58 0.00	33.59 1.57 0.00	37.14 1.68 0.00	45.87 2.20 0.00	56.56 2.74 0.00	61.95 3.08 0.00	55.96 2.94 0.00	54.11 3.09 0.00	37.89 2.16 0.00	32.71 1.82 0.00	33.10 1.71 0.00	32.30 1.61 0.00	36.11 1.71 0.00	37.45 2.09 0.00	55.55 2.56 0.00	54.10 2.69 0.00	124.83 4.99 0.00	69.53 2.95 0.00	54.50 2.39 0.00	45.93 1.93 0.00	47.98 1.72 0.00	38.62 1.33 0.00
FALCON____SEABRD_CC1 323796	-21.52 -1.61 67.53	-21.54 -1.28 56.56	-21.49 -1.14 52.84	-21.43 -1.08 52.37	-21.48 -1.26 55.68	-21.54 -1.43 63.77	-21.48 -1.48 73.83	-21.74 -1.71 78.90	-21.89 -1.61 73.31	-21.60 -1.67 70.95	-21.57 -1.15 56.15	-21.53 -1.02 51.40	-21.51 -1.02 51.90	-21.45 -0.95 51.19	-21.48 -1.07 54.81	-21.39 -1.21 55.54	-21.17 -1.39 72.77	-21.52 -1.60 71.32	-22.07 -2.71 139.20	-21.59 -1.92 86.24	14.95 -1.51 35.64	43.10 -0.90 0.00	45.85 -0.41 0.00	37.27 -0.01 0.00

FALCON___SEABRD_CC2 323797	-21.52 -1.61 67.53	-21.54 -1.28 56.56	-21.49 -1.14 52.84	-21.43 -1.08 52.37	-21.48 -1.26 55.68	-21.54 -1.43 63.77	-21.48 -1.48 73.83	-21.74 -1.71 78.90	-21.89 -1.61 73.31	-21.60 -1.67 70.95	-21.57 -1.15 56.15	-21.53 -1.02 51.40	-21.51 -1.02 51.90	-21.45 -0.95 51.19	-21.48 -1.07 54.81	-21.39 -1.21 55.54	-21.17 -1.39 72.77	-21.52 -1.60 71.32	-22.07 -2.71 139.20	-21.59 -1.92 86.24	14.95 -1.51 35.64	43.10 -0.90 0.00	45.85 -0.41 0.00	37.27 -0.01 0.00
FAR ROCKAWAY___4 23548	51.63 4.02 0.00	39.01 2.70 0.00	34.81 2.33 0.00	34.26 2.24 0.00	37.84 2.38 0.00	46.98 3.32 0.00	57.86 4.04 0.00	63.50 4.63 0.00	57.44 4.41 0.00	55.54 4.53 0.00	38.86 3.13 0.00	33.40 2.51 0.00	33.78 2.38 0.00	32.93 2.24 0.00	37.12 2.70 -0.02	38.42 3.06 0.00	56.88 3.89 0.00	55.59 4.19 0.00	127.50 7.66 0.00	71.38 4.80 0.00	56.01 3.91 0.00	47.27 3.27 0.00	49.36 3.10 0.00	39.64 2.35 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.59 2.98 0.00	38.46 2.15 0.00	34.28 1.81 0.00	33.81 1.79 0.00	37.37 1.90 0.00	46.19 2.53 0.00	56.98 3.16 0.00	62.35 3.48 0.00	56.41 3.39 0.00	54.68 3.66 0.00	38.46 2.73 0.00	33.26 2.37 0.00	33.62 2.22 0.00	32.77 2.09 0.00	36.58 2.18 0.00	37.96 2.60 0.00	56.03 3.05 0.00	54.50 3.09 0.00	125.48 5.64 0.00	69.98 3.40 0.00	54.92 2.81 0.00	46.35 2.35 0.00	48.34 2.07 0.00	38.91 1.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.54 2.93 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.28 3.41 0.00	56.34 3.31 0.00	54.61 3.59 0.00	38.40 2.67 0.00	33.21 2.32 0.00	33.57 2.17 0.00	32.73 2.04 0.00	36.53 2.13 0.00	37.90 2.54 0.00	55.96 2.97 0.00	54.43 3.02 0.00	125.30 5.46 0.00	69.90 3.32 0.00	54.84 2.73 0.00	46.29 2.28 0.00	48.29 2.02 0.00	38.86 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.58 2.97 0.00	38.45 2.14 0.00	34.27 1.79 0.00	33.80 1.78 0.00	37.35 1.89 0.00	46.17 2.51 0.00	56.96 3.14 0.00	62.33 3.46 0.00	56.39 3.36 0.00	54.66 3.64 0.00	38.44 2.71 0.00	33.24 2.35 0.00	33.60 2.20 0.00	32.76 2.07 0.00	36.57 2.16 0.00	37.93 2.58 0.00	56.01 3.02 0.00	54.48 3.07 0.00	125.42 5.58 0.00	69.93 3.35 0.00	54.88 2.78 0.00	46.33 2.33 0.00	48.33 2.06 0.00	38.89 1.61 0.00
FARRAGUT___LBMP 323566	50.54 2.93 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.28 3.41 0.00	56.34 3.31 0.00	54.61 3.59 0.00	38.40 2.67 0.00	33.21 2.32 0.00	33.57 2.17 0.00	32.73 2.04 0.00	36.53 2.13 0.00	37.90 2.54 0.00	55.96 2.97 0.00	54.43 3.02 0.00	125.30 5.46 0.00	69.90 3.32 0.00	54.84 2.73 0.00	46.29 2.28 0.00	48.29 2.02 0.00	38.86 1.58 0.00
FENNER___WINDPWR 24204	49.51 0.10 -1.80	37.84 0.03 -1.51	33.94 0.06 -1.41	33.43 0.02 -1.40	37.04 0.10 -1.48	45.60 0.23 -1.70	56.42 0.64 -1.97	61.79 0.81 -2.11	55.80 0.83 -1.95	53.67 0.78 -1.87	37.68 0.44 -1.50	32.61 0.34 -1.38	33.12 0.34 -1.39	32.42 0.36 -1.37	36.35 0.48 -1.47	37.57 0.73 -1.49	55.69 0.76 -1.95	54.10 0.79 -1.90	125.29 1.74 -3.71	69.86 0.98 -2.30	53.89 0.84 -0.95	44.64 0.64 0.00	46.96 0.70 0.00	37.78 0.49 0.00
FIBERTEK___ENERGY 23856	46.64 -0.97 0.00	35.52 -0.79 0.00	31.79 -0.69 0.00	31.34 -0.69 0.00	34.75 -0.72 0.00	42.84 -0.83 0.00	52.98 -0.85 0.00	57.96 -0.91 0.00	52.16 -0.87 0.00	50.12 -0.90 0.00	35.16 -0.57 0.00	30.42 -0.47 0.00	30.96 -0.44 0.00	30.27 -0.42 0.00	33.94 -0.46 0.00	35.02 -0.33 0.00	52.22 -0.77 0.00	50.86 -0.54 0.00	118.43 -1.41 0.00	65.79 -0.79 0.00	51.48 -0.62 0.00	43.49 -0.52 0.00	45.70 -0.56 0.00	36.78 -0.51 0.00
FITZPATRICK____ 23598	45.60 -2.01 0.00	34.75 -1.56 0.00	31.11 -1.36 0.00	30.67 -1.35 0.00	33.98 -1.49 0.00	41.86 -1.81 0.00	51.68 -2.14 0.00	56.51 -2.36 0.00	50.87 -2.15 0.00	48.92 -2.10 0.00	34.30 -1.43 0.00	29.70 -1.19 0.00	30.22 -1.18 0.00	29.54 -1.15 0.00	33.10 -1.31 0.00	34.12 -1.24 0.00	50.92 -2.06 0.00	49.54 -1.87 0.00	115.29 -4.55 0.00	64.05 -2.53 0.00	50.13 -1.97 0.00	42.36 -1.64 0.00	44.54 -1.72 0.00	35.91 -1.38 0.00
FLOWRFLD_69_KV_BK1 356044	51.68 4.07 0.00	38.87 2.56 0.00	34.70 2.22 0.00	34.08 2.06 0.00	37.61 2.14 0.00	46.86 3.19 0.00	57.74 3.92 0.00	63.46 4.58 0.00	57.42 4.39 0.00	55.37 4.34 0.00	38.67 2.94 0.00	33.11 2.22 0.00	33.40 2.00 0.00	32.52 1.83 0.00	36.82 2.42 0.00	38.31 2.95 0.00	56.84 3.86 0.00	55.73 4.32 0.00	127.52 7.67 0.00	71.51 4.92 0.00	56.19 4.09 0.00	47.48 3.47 0.00	49.59 3.33 0.00	39.74 2.46 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	50.93 3.32 0.00	38.71 2.40 0.00	34.53 2.06 0.00	34.04 2.02 0.00	37.67 2.20 0.00	46.55 2.88 0.00	57.46 3.64 0.00	63.01 4.14 0.00	56.92 3.89 0.00	54.99 3.97 0.00	38.49 2.76 0.00	33.17 2.29 0.00	33.55 2.15 0.00	32.73 2.05 0.00	36.65 2.25 0.00	38.06 2.70 0.00	56.53 3.54 0.00	55.11 3.70 0.00	127.23 7.38 0.00	70.87 4.28 0.00	55.52 3.41 0.00	46.77 2.76 0.00	48.83 2.56 0.00	39.25 1.97 0.00
FORT ORANGE____ 23900	49.55 1.94 0.00	37.74 1.43 0.00	33.72 1.25 0.00	33.29 1.26 0.00	36.83 1.37 0.00	45.24 1.57 0.00	55.40 1.58 0.00	60.57 1.70 0.00	54.53 1.50 0.00	52.33 1.31 0.00	36.32 0.59 0.00	31.38 0.48 0.00	31.79 0.39 0.00	31.11 0.42 0.00	34.88 0.47 0.00	36.19 0.83 0.00	54.25 1.27 0.00	52.86 1.45 0.00	122.45 2.61 0.00	67.99 1.41 0.00	53.11 1.01 0.00	44.71 0.71 0.00	47.12 0.86 0.00	37.92 0.64 0.00
FORT_DRUM_COGEN 23780	57.26 -2.62 -12.27	44.51 -2.08 -10.28	40.29 -1.78 -9.60	39.72 -1.82 -9.51	43.51 -2.08 -10.12	53.04 -2.21 -11.59	65.57 -1.67 -13.41	71.23 -1.98 -14.34	64.39 -1.84 -13.21	61.72 -1.87 -12.56	44.65 -1.28 -10.20	39.06 -1.17 -9.34	39.58 -1.25 -9.43	39.00 -1.00 -9.30	43.73 -0.63 -9.96	45.04 -0.41 -10.09	65.23 -0.98 -13.22	63.09 -1.27 -12.96	144.30 -0.84 -25.29	81.38 -0.87 -15.67	58.13 -0.45 -6.48	43.29 -0.72 0.00	46.09 -0.17 0.00	36.83 -0.46 0.00
FOX_HILLS___ESR 323835	50.79 3.19 0.00	38.67 2.36 0.00	34.44 1.96 0.00	33.96 1.94 0.00	37.51 2.04 0.00	46.36 2.70 0.00	57.15 3.33 0.00	62.33 3.46 0.00	56.34 3.31 0.00	54.67 3.65 0.00	38.61 2.88 0.00	33.36 2.47 0.00	33.70 2.30 0.00	32.84 2.15 0.00	36.69 2.28 0.00	38.07 2.71 0.00	56.04 3.05 0.00	54.41 3.01 0.00	125.31 5.47 0.00	69.88 3.30 0.00	54.87 2.76 0.00	46.53 2.52 0.00	48.50 2.24 0.00	39.09 1.80 0.00
FPL FAR_ROCK_GT1 24212	51.62 4.01 0.00	39.02 2.71 0.00	34.81 2.33 0.00	34.26 2.24 0.00	37.84 2.38 0.00	46.98 3.32 0.00	57.85 4.03 0.00	63.48 4.61 0.00	57.45 4.42 0.00	55.54 4.52 0.00	38.86 3.13 0.00	33.41 2.52 0.00	33.78 2.38 0.00	32.93 2.24 0.00	37.12 2.70 -0.02	38.42 3.07 0.00	56.88 3.89 0.00	55.60 4.19 0.00	127.52 7.67 0.00	71.40 4.82 0.00	56.02 3.92 0.00	47.28 3.27 0.00	49.36 3.10 0.00	39.64 2.36 0.00

FPL FAR_ROCK_GT2 23815	51.62 4.01 0.00	39.02 2.71 0.00	34.81 2.33 0.00	34.26 2.24 0.00	37.84 2.38 0.00	46.98 3.32 0.00	57.85 4.03 0.00	63.48 4.61 0.00	57.45 4.42 0.00	55.54 4.52 0.00	38.86 3.13 0.00	33.41 2.52 0.00	33.78 2.38 0.00	32.93 2.24 0.00	37.12 2.70 -0.02	38.42 3.07 0.00	56.88 3.89 0.00	55.60 4.19 0.00	127.52 7.67 0.00	71.40 4.82 0.00	56.02 3.92 0.00	47.28 3.27 0.00	49.36 3.10 0.00	39.64 2.36 0.00
FRANKLIN_FALL_HYD 24054	128.26 -1.17 -81.83	103.99 -0.87 -68.54	95.69 -0.81 -64.02	94.64 -0.85 -63.46	101.92 -1.02 -67.47	119.90 -1.04 -77.27	142.50 -0.78 -89.46	153.76 -0.72 -95.61	140.38 -0.68 -88.04	133.76 -0.83 -83.57	103.29 -0.49 -68.04	92.69 -0.49 -62.29	93.76 -0.53 -62.89	92.25 -0.48 -62.04	100.35 -0.48 -66.42	102.15 -0.52 -67.31	140.95 -0.23 -88.19	137.12 -0.72 -86.43	288.82 0.29 -168.68	170.02 -1.07 -104.51	94.35 -0.95 -43.19	43.36 -0.64 0.00	46.52 0.26 0.00	37.64 0.35 0.00
FREEPORT_EQUS_GT1 23764	51.34 3.73 0.00	38.78 2.46 0.00	34.59 2.11 0.00	34.02 2.00 0.00	37.58 2.12 0.00	46.67 3.01 0.00	57.23 3.41 0.00	62.86 3.99 0.00	56.88 3.85 0.00	55.16 4.14 0.00	38.55 2.82 0.00	33.12 2.23 0.00	33.49 2.09 0.00	32.61 1.91 0.00	36.78 2.38 -0.01	38.11 2.75 0.00	56.44 3.45 0.00	55.23 3.82 0.00	126.12 6.27 0.00	70.94 4.36 0.00	55.71 3.60 0.00	47.01 3.01 0.00	49.14 2.88 0.00	39.45 2.16 0.00
FREEPORT___CT2 23818	51.34 3.73 0.00	38.78 2.46 0.00	34.59 2.11 0.00	34.02 2.00 0.00	37.58 2.12 0.00	46.67 3.01 0.00	57.23 3.41 0.00	62.86 3.99 0.00	56.88 3.85 0.00	55.16 4.14 0.00	38.55 2.82 0.00	33.12 2.23 0.00	33.49 2.09 0.00	32.61 1.91 0.00	36.78 2.38 -0.01	38.11 2.75 0.00	56.44 3.45 0.00	55.23 3.82 0.00	126.12 6.27 0.00	70.94 4.36 0.00	55.71 3.60 0.00	47.01 3.01 0.00	49.14 2.88 0.00	39.45 2.16 0.00
FRESHKLS_33_KV_LOAD 356253	50.85 3.24 0.00	38.74 2.43 0.00	34.50 2.02 0.00	34.02 2.00 0.00	37.57 2.11 0.00	46.44 2.77 0.00	57.19 3.37 0.00	62.26 3.39 0.00	56.26 3.23 0.00	54.61 3.59 0.00	38.63 2.90 0.00	33.36 2.47 0.00	33.70 2.30 0.00	32.84 2.15 0.00	36.69 2.28 0.00	38.09 2.73 0.00	56.04 3.05 0.00	54.39 2.98 0.00	125.17 5.33 0.00	69.77 3.19 0.00	54.79 2.69 0.00	46.56 2.56 0.00	48.52 2.26 0.00	39.13 1.84 0.00
FULTON COGEN____ 23766	45.86 -1.75 0.00	34.94 -1.37 0.00	31.27 -1.21 0.00	30.83 -1.20 0.00	34.17 -1.30 0.00	42.15 -1.52 0.00	52.06 -1.77 0.00	56.96 -1.91 0.00	51.27 -1.75 0.00	49.28 -1.74 0.00	34.57 -1.17 0.00	29.92 -0.97 0.00	30.42 -0.98 0.00	29.76 -0.94 0.00	33.36 -1.05 0.00	34.43 -0.93 0.00	51.37 -1.61 0.00	50.00 -1.40 0.00	116.37 -3.47 0.00	64.66 -1.92 0.00	50.59 -1.51 0.00	42.72 -1.28 0.00	44.87 -1.39 0.00	36.15 -1.13 0.00
FULTON___LFGE 323630	49.87 2.26 0.00	37.97 1.66 0.00	33.95 1.47 0.00	33.47 1.44 0.00	37.11 1.65 0.00	45.69 2.03 0.00	56.77 2.95 0.00	62.24 3.37 0.00	55.60 2.57 0.00	53.11 2.09 0.00	37.41 1.68 0.00	32.10 1.21 0.00	32.89 1.49 0.00	32.17 1.48 0.00	35.94 1.54 0.00	37.20 1.84 0.00	55.97 2.98 0.00	54.57 3.16 0.00	127.14 7.29 0.00	70.60 4.02 0.00	55.24 3.14 0.00	46.67 2.67 0.00	49.01 2.75 0.00	39.39 2.10 0.00
G.F.CEMENT___DRP 24184	49.80 2.19 0.00	37.79 1.48 0.00	33.72 1.25 0.00	33.33 1.31 0.00	36.87 1.40 0.00	45.63 1.96 0.00	56.53 2.71 0.00	62.22 3.34 0.00	55.91 2.88 0.00	53.57 2.55 0.00	36.93 1.20 0.00	31.80 0.91 0.00	32.34 0.94 0.00	31.77 1.09 0.00	35.79 1.38 0.00	37.31 1.96 0.00	56.10 3.11 0.00	54.70 3.29 0.00	126.45 6.61 0.00	70.14 3.56 0.00	54.73 2.63 0.00	46.00 2.00 0.00	47.97 1.71 0.00	38.52 1.24 0.00
GARDENVILLE___LBMP 24039	43.23 -4.38 0.00	33.06 -3.25 0.00	29.41 -2.89 0.18	28.95 -3.03 0.04	32.37 -3.10 0.00	40.10 -3.57 0.00	49.68 -4.11 0.04	46.92 -5.16 6.80	41.74 -4.48 6.80	35.40 -4.44 11.18	33.05 -2.67 0.00	28.55 -2.34 0.00	29.29 -2.11 0.00	28.63 -2.06 0.00	32.44 -1.96 0.00	33.59 -1.77 0.00	49.21 -3.78 0.00	48.23 -3.18 0.00	112.10 -7.74 0.00	62.52 -4.07 0.00	49.19 -2.91 0.00	42.15 -1.86 0.00	44.99 -1.28 0.00	36.54 -0.75 0.00
GARDNVLA_35_KV_LD 355827	43.49 -4.12 0.00	33.25 -3.06 0.00	29.61 -2.72 0.15	29.11 -2.88 0.03	32.55 -2.91 0.00	40.32 -3.34 0.00	49.97 -3.82 0.03	48.42 -4.85 5.60	43.23 -4.19 5.60	37.60 -4.20 9.21	33.26 -2.47 0.00	28.72 -2.17 0.00	29.47 -1.93 0.00	28.80 -1.89 0.00	32.65 -1.75 0.00	33.78 -1.58 0.00	49.50 -3.48 0.00	48.53 -2.87 0.00	112.79 -7.06 0.00	62.92 -3.66 0.00	49.48 -2.62 0.00	42.39 -1.61 0.00	45.23 -1.03 0.00	36.73 -0.55 0.00
GELCKHM___115KV_LOAD 80723	46.38 -1.22 0.00	35.33 -0.98 0.00	31.63 -0.85 0.00	31.16 -0.87 0.00	34.55 -0.91 0.00	42.60 -1.07 0.00	52.65 -1.18 0.00	57.59 -1.28 0.00	51.86 -1.17 0.00	49.84 -1.18 0.00	34.96 -0.77 0.00	30.25 -0.64 0.00	30.79 -0.61 0.00	30.09 -0.59 0.00	33.75 -0.65 0.00	34.83 -0.53 0.00	51.92 -1.07 0.00	50.55 -0.86 0.00	117.67 -2.18 0.00	65.38 -1.20 0.00	51.15 -0.95 0.00	43.21 -0.79 0.00	45.42 -0.84 0.00	36.58 -0.70 0.00
GENERAL___MILLS 23808	43.40 -4.21 0.00	33.19 -3.12 0.00	29.55 -2.77 0.16	29.05 -2.94 0.03	32.50 -2.96 0.00	40.26 -3.41 0.00	49.87 -3.92 0.03	47.99 -4.96 5.92	42.80 -4.29 5.93	36.98 -4.29 9.75	33.19 -2.54 0.00	28.66 -2.23 0.00	29.40 -2.00 0.00	28.74 -1.95 0.00	32.58 -1.82 0.00	33.71 -1.65 0.00	49.40 -3.59 0.00	48.40 -3.00 0.00	112.51 -7.33 0.00	62.75 -3.83 0.00	49.37 -2.73 0.00	42.29 -1.71 0.00	45.14 -1.12 0.00	36.67 -0.62 0.00
GE_PLASTICS___DRP 24183	49.38 1.77 0.00	37.61 1.30 0.00	33.64 1.16 0.00	33.19 1.17 0.00	36.73 1.27 0.00	45.10 1.44 0.00	55.33 1.51 0.00	60.50 1.63 0.00	54.50 1.48 0.00	52.40 1.38 0.00	36.46 0.73 0.00	31.51 0.62 0.00	31.96 0.56 0.00	31.26 0.57 0.00	35.03 0.62 0.00	36.28 0.92 0.00	54.26 1.27 0.00	52.80 1.40 0.00	122.36 2.51 0.00	67.97 1.39 0.00	53.14 1.04 0.00	44.77 0.77 0.00	46.95 0.69 0.00	37.79 0.50 0.00
GILBOA___1 23756	49.31 1.71 0.00	37.47 1.17 0.00	33.67 1.20 0.00	33.20 1.17 0.00	36.73 1.27 0.00	44.84 1.18 0.00	55.21 1.39 0.00	60.46 1.59 0.00	54.48 1.46 0.00	52.48 1.46 0.00	36.66 0.93 0.00	31.66 0.77 0.00	32.13 0.73 0.00	31.39 0.70 0.00	35.18 0.77 0.00	36.41 1.05 0.00	54.29 1.31 0.00	52.84 1.43 0.00	122.46 2.62 0.00	68.10 1.52 0.00	53.29 1.18 0.00	44.95 0.94 0.00	47.11 0.85 0.00	37.93 0.65 0.00
GILBOA___2 23757	49.31 1.71 0.00	37.47 1.17 0.00	33.67 1.20 0.00	33.20 1.17 0.00	36.73 1.27 0.00	44.84 1.18 0.00	55.21 1.39 0.00	60.46 1.59 0.00	54.48 1.46 0.00	52.48 1.46 0.00	36.66 0.93 0.00	31.66 0.77 0.00	32.13 0.73 0.00	31.39 0.70 0.00	35.18 0.77 0.00	36.41 1.05 0.00	54.29 1.31 0.00	52.84 1.43 0.00	122.46 2.62 0.00	68.10 1.52 0.00	53.29 1.18 0.00	44.95 0.94 0.00	47.11 0.85 0.00	37.93 0.65 0.00

GILBOA___3 23758	49.31 1.71 0.00	37.47 1.17 0.00	33.67 1.20 0.00	33.20 1.17 0.00	36.73 1.27 0.00	44.84 1.18 0.00	55.21 1.39 0.00	60.46 1.59 0.00	54.48 1.46 0.00	52.48 1.46 0.00	36.66 0.93 0.00	31.66 0.77 0.00	32.13 0.73 0.00	31.39 0.70 0.00	35.18 0.77 0.00	36.41 1.05 0.00	54.29 1.31 0.00	52.84 1.43 0.00	122.46 2.62 0.00	68.10 1.52 0.00	53.29 1.18 0.00	44.95 0.94 0.00	47.11 0.85 0.00	37.93 0.65 0.00
GILBOA___4 23759	49.31 1.71 0.00	37.47 1.17 0.00	33.67 1.20 0.00	33.20 1.17 0.00	36.73 1.27 0.00	44.84 1.18 0.00	55.21 1.39 0.00	60.46 1.59 0.00	54.48 1.46 0.00	52.48 1.46 0.00	36.66 0.93 0.00	31.66 0.77 0.00	32.13 0.73 0.00	31.39 0.70 0.00	35.18 0.77 0.00	36.41 1.05 0.00	54.29 1.31 0.00	52.84 1.43 0.00	122.46 2.62 0.00	68.10 1.52 0.00	53.29 1.18 0.00	44.95 0.94 0.00	47.11 0.85 0.00	37.93 0.65 0.00
GILBOA___ 23599	49.32 1.71 0.00	37.47 1.16 0.00	33.67 1.19 0.00	33.20 1.17 0.00	36.74 1.27 0.00	44.84 1.17 0.00	55.22 1.40 0.00	60.47 1.60 0.00	54.48 1.46 0.00	52.49 1.47 0.00	36.66 0.93 0.00	31.66 0.78 0.00	32.13 0.73 0.00	31.39 0.70 0.00	35.18 0.77 0.00	36.40 1.04 0.00	54.28 1.29 0.00	52.84 1.44 0.00	122.46 2.62 0.00	68.10 1.52 0.00	53.29 1.18 0.00	44.95 0.94 0.00	47.11 0.85 0.00	37.93 0.65 0.00
GINNA___ 23603	43.39 -4.22 0.00	33.09 -3.22 0.00	29.62 -2.85 0.00	29.14 -2.88 0.00	32.43 -3.04 0.00	40.12 -3.55 0.00	49.74 -4.08 0.00	54.10 -4.77 0.00	48.81 -4.21 0.00	46.78 -4.24 0.00	32.99 -2.74 0.00	28.53 -2.37 0.00	29.18 -2.22 0.00	28.50 -2.19 0.00	32.16 -2.24 0.00	33.22 -2.14 0.00	49.20 -3.79 0.00	47.90 -3.50 0.00	111.42 -8.42 0.00	61.91 -4.67 0.00	48.46 -3.64 0.00	41.11 -2.89 0.00	43.39 -2.86 0.00	35.08 -2.21 0.00
GLEN PARK___ 23778	56.75 -2.50 -11.64	44.06 -2.00 -9.75	39.87 -1.71 -9.11	39.29 -1.76 -9.02	43.07 -1.99 -9.60	52.56 -2.09 -10.99	65.03 -1.52 -12.72	70.71 -1.76 -13.60	63.89 -1.66 -12.53	61.25 -1.69 -11.92	44.26 -1.14 -9.68	38.69 -1.06 -8.86	39.21 -1.13 -8.95	38.63 -0.89 -8.82	43.36 -0.50 -9.45	44.66 -0.27 -9.57	64.78 -0.75 -12.54	62.70 -1.01 -12.29	143.54 -0.29 -23.99	80.90 -0.54 -14.86	58.04 -0.21 -6.14	43.48 -0.53 0.00	46.22 -0.05 0.00	36.90 -0.38 0.00
GLENDALE_27_KV_LOAD 356172	50.81 3.20 0.00	38.63 2.31 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.37 2.70 0.00	57.24 3.42 0.00	62.63 3.76 0.00	56.67 3.65 0.00	54.93 3.91 0.00	38.64 2.91 0.00	33.43 2.54 0.00	33.76 2.37 0.00	32.91 2.23 0.00	36.75 2.34 0.00	38.11 2.75 0.00	56.22 3.23 0.00	54.69 3.29 0.00	125.99 6.15 0.00	70.27 3.69 0.00	55.17 3.06 0.00	46.58 2.58 0.00	48.57 2.31 0.00	39.10 1.81 0.00
GLENWOOD_IC_1_G5 23712	50.97 3.36 0.00	38.63 2.32 0.00	34.46 1.98 0.00	33.94 1.92 0.00	37.50 2.04 0.00	46.47 2.80 0.00	57.25 3.43 0.00	62.79 3.91 0.00	56.80 3.77 0.00	54.93 3.91 0.00	38.47 2.74 0.00	33.16 2.27 0.00	33.55 2.15 0.00	32.70 2.01 0.00	36.69 2.29 0.00	38.02 2.66 0.00	55.97 2.98 0.00	54.61 3.21 0.00	125.49 5.64 0.00	70.13 3.55 0.00	55.01 2.91 0.00	46.44 2.44 0.00	48.77 2.51 0.00	39.21 1.92 0.00
GLENWOOD_IC_2_G1 23688	50.70 3.09 0.00	38.48 2.17 0.00	34.31 1.84 0.00	33.82 1.80 0.00	37.38 1.92 0.00	46.26 2.59 0.00	57.01 3.19 0.00	62.48 3.61 0.00	56.48 3.46 0.00	54.65 3.63 0.00	38.31 2.58 0.00	33.05 2.16 0.00	33.42 2.03 0.00	32.59 1.90 0.00	36.51 2.11 0.00	37.86 2.50 0.00	55.99 3.00 0.00	54.59 3.18 0.00	125.61 5.77 0.00	70.14 3.55 0.00	55.01 2.91 0.00	46.41 2.41 0.00	48.50 2.24 0.00	39.01 1.72 0.00
GLENWOOD_IC_3_G1 23689	50.70 3.09 0.00	38.48 2.17 0.00	34.31 1.84 0.00	33.82 1.80 0.00	37.38 1.92 0.00	46.26 2.59 0.00	57.01 3.19 0.00	62.48 3.61 0.00	56.48 3.46 0.00	54.65 3.63 0.00	38.31 2.58 0.00	33.05 2.16 0.00	33.42 2.03 0.00	32.59 1.90 0.00	36.51 2.11 0.00	37.86 2.50 0.00	55.99 3.00 0.00	54.59 3.18 0.00	125.61 5.77 0.00	70.14 3.55 0.00	55.01 2.91 0.00	46.41 2.41 0.00	48.50 2.24 0.00	39.01 1.72 0.00
GLENWOOD___4 23550	50.97 3.36 0.00	38.63 2.32 0.00	34.46 1.98 0.00	33.94 1.92 0.00	37.50 2.04 0.00	46.47 2.80 0.00	57.25 3.43 0.00	62.79 3.91 0.00	56.80 3.77 0.00	54.93 3.91 0.00	38.47 2.74 0.00	33.16 2.27 0.00	33.55 2.15 0.00	32.70 2.01 0.00	36.69 2.29 0.00	38.03 2.67 0.00	56.09 3.10 0.00	54.73 3.32 0.00	125.75 5.91 0.00	70.28 3.70 0.00	55.14 3.04 0.00	46.54 2.54 0.00	48.77 2.51 0.00	39.21 1.92 0.00
GLENWOOD___5 23614	50.97 3.36 0.00	38.63 2.32 0.00	34.46 1.98 0.00	33.94 1.92 0.00	37.50 2.04 0.00	46.47 2.80 0.00	57.25 3.43 0.00	62.79 3.91 0.00	56.80 3.77 0.00	54.93 3.91 0.00	38.47 2.74 0.00	33.16 2.27 0.00	33.55 2.15 0.00	32.70 2.01 0.00	36.69 2.29 0.00	38.03 2.67 0.00	56.09 3.10 0.00	54.73 3.32 0.00	125.75 5.91 0.00	70.28 3.70 0.00	55.14 3.04 0.00	46.54 2.54 0.00	48.77 2.51 0.00	39.21 1.92 0.00
GLOBAL GREEN_PORT_GT1 23814	50.77 3.16 0.00	38.15 1.84 0.00	34.05 1.57 0.00	33.45 1.43 0.00	36.94 1.47 0.00	46.07 2.40 0.00	56.83 3.01 0.00	62.53 3.66 0.00	56.61 3.58 0.00	54.56 3.55 0.00	38.07 2.34 0.00	32.54 1.65 0.00	32.66 1.26 0.00	31.78 1.10 0.00	36.08 1.68 0.01	37.67 2.31 0.00	56.42 3.43 0.00	55.51 4.10 0.00	126.27 6.43 0.00	71.11 4.53 0.00	56.69 4.58 0.00	48.20 4.20 0.00	50.38 4.12 0.00	40.06 2.78 0.00
GLOBE___DSASP 323697	42.13 -5.48 0.00	32.23 -4.08 0.00	28.77 -3.59 0.12	28.30 -3.70 0.03	31.62 -3.85 0.00	39.12 -4.55 0.00	48.38 -5.42 0.03	47.50 -6.83 4.55	42.55 -5.93 4.55	37.51 -6.02 7.48	31.98 -3.75 0.00	27.68 -3.21 0.00	28.45 -2.95 0.00	27.74 -2.94 0.00	31.49 -2.91 0.00	32.54 -2.82 0.00	47.42 -5.57 0.00	46.36 -5.05 0.00	107.70 -12.14 0.00	59.96 -6.62 0.00	47.15 -4.95 0.00	40.50 -3.51 0.00	43.34 -2.92 0.00	35.38 -1.90 0.00
GOETHSLN___LBMP 323567	50.30 2.69 0.00	38.24 1.93 0.00	34.06 1.59 0.00	33.63 1.61 0.00	37.16 1.69 0.00	45.93 2.27 0.00	56.64 2.82 0.00	61.94 3.07 0.00	56.01 2.99 0.00	54.31 3.29 0.00	38.22 2.49 0.00	33.05 2.16 0.00	33.40 2.00 0.00	32.56 1.87 0.00	36.35 1.94 0.00	37.70 2.34 0.00	55.64 2.65 0.00	54.10 2.69 0.00	124.41 4.57 0.00	69.37 2.81 0.02	54.49 2.39 0.00	46.02 2.02 0.00	48.00 1.74 0.00	38.66 1.37 0.00
GOLAH___69_KV_TB 1_2 80279	45.07 -2.54 0.00	34.41 -1.90 0.00	30.76 -1.70 0.02	30.24 -1.78 0.00	33.70 -1.77 0.00	41.72 -1.95 0.00	51.75 -2.06 0.00	55.39 -2.70 0.78	49.96 -2.28 0.78	47.32 -2.41 1.29	34.33 -1.40 0.00	29.68 -1.21 0.00	30.40 -1.00 0.00	29.69 -1.00 0.00	33.57 -0.84 0.00	34.69 -0.66 0.00	51.23 -1.76 0.00	50.00 -1.41 0.00	116.21 -3.63 0.00	64.63 -1.95 0.00	50.61 -1.49 0.00	43.05 -0.95 0.00	45.54 -0.72 0.00	36.85 -0.43 0.00

GOODYEAR_LAKE_HYD 323669	48.92 1.31 0.00	37.21 0.90 0.00	33.36 0.88 0.00	32.86 0.83 0.00	36.47 1.00 0.00	44.82 1.15 0.00	55.60 1.78 0.00	61.00 2.13 0.00	55.01 1.99 0.00	52.96 1.95 0.00	37.19 1.46 0.00	32.08 1.19 0.00	32.59 1.19 0.00	31.81 1.12 0.00	35.65 1.25 0.00	36.84 1.48 0.00	54.92 1.93 0.00	53.43 2.02 0.00	124.35 4.51 0.00	69.16 2.57 0.00	54.21 2.11 0.00	45.77 1.77 0.00	48.07 1.81 0.00	38.66 1.37 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	47.13 -0.48 0.00	35.84 -0.46 0.00	32.14 -0.36 -0.02	31.54 -0.48 0.00	35.09 -0.38 0.00	43.25 -0.42 0.00	53.40 -0.43 0.00	59.50 -0.21 -0.83	53.46 -0.39 -0.82	52.04 -0.34 -1.35	35.52 -0.21 0.00	30.62 -0.27 0.00	31.26 -0.14 0.00	30.47 -0.22 0.00	34.15 -0.25 0.00	35.41 0.05 0.00	52.61 -0.38 0.00	51.48 0.07 0.00	119.83 -0.01 0.00	66.68 0.10 0.00	52.22 0.11 0.00	44.08 0.07 0.00	46.41 0.14 0.00	37.32 0.03 0.00
GOUDEY___7 23579	47.13 -0.48 0.00	35.84 -0.46 0.00	32.14 -0.36 -0.02	31.54 -0.48 0.00	35.09 -0.38 0.00	43.25 -0.42 0.00	53.40 -0.43 0.00	59.50 -0.21 -0.83	53.46 -0.39 -0.82	52.04 -0.34 -1.35	35.52 -0.21 0.00	30.62 -0.27 0.00	31.26 -0.14 0.00	30.47 -0.22 0.00	34.15 -0.25 0.00	35.41 0.05 0.00	52.61 -0.38 0.00	51.48 0.07 0.00	119.83 -0.01 0.00	66.68 0.10 0.00	52.22 0.11 0.00	44.08 0.07 0.00	46.41 0.14 0.00	37.32 0.03 0.00
GOUDEY___8 23580	47.13 -0.48 0.00	35.84 -0.46 0.00	32.14 -0.36 -0.02	31.54 -0.48 0.00	35.09 -0.38 0.00	43.25 -0.42 0.00	53.40 -0.43 0.00	59.50 -0.21 -0.83	53.46 -0.39 -0.82	52.04 -0.34 -1.35	35.52 -0.21 0.00	30.62 -0.27 0.00	31.26 -0.14 0.00	30.47 -0.22 0.00	34.15 -0.25 0.00	35.41 0.05 0.00	52.61 -0.38 0.00	51.48 0.07 0.00	119.83 -0.01 0.00	66.68 0.10 0.00	52.22 0.11 0.00	44.08 0.07 0.00	46.41 0.14 0.00	37.32 0.03 0.00
GOWANUS_GT1_1 24077	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT1_2 24078	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT1_3 24079	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT1_4 24080	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT1_5 24084	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT1_6 24111	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT1_7 24112	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT1_8 24113	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT2_1 24114	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
GOWANUS_GT2_2 24115	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
GOWANUS_GT2_3 24116	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00

GOWANUS_GT2_4 24117	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
GOWANUS_GT2_5 24118	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
GOWANUS_GT2_6 24119	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
GOWANUS_GT2_7 24120	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
GOWANUS_GT2_8 24121	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
GOWANUS_GT3_1 24122	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT3_2 24123	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT3_3 24124	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT3_4 24125	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT3_5 24126	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT3_6 24127	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT3_7 24128	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT3_8 24129	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GOWANUS_GT4_1 24130	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00
GOWANUS_GT4_2 24131	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00

GOWANUS_GT4_3 24132	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00
GOWANUS_GT4_4 24133	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00
GOWANUS_GT4_5 24134	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00
GOWANUS_GT4_6 24135	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00
GOWANUS_GT4_7 24136	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00
GOWANUS_GT4_8 24137	50.78 3.17 0.00	38.64 2.32 0.00	34.41 1.94 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.34 2.68 0.00	57.17 3.35 0.00	62.44 3.57 0.00	56.46 3.44 0.00	54.77 3.75 0.00	38.61 2.88 0.00	33.37 2.48 0.00	33.71 2.31 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.07 2.72 0.00	56.09 3.10 0.00	54.53 3.12 0.00	125.60 5.76 0.00	70.06 3.48 0.00	54.99 2.89 0.00	46.54 2.53 0.00	48.51 2.25 0.00	39.08 1.79 0.00
GREENBSH_115KV_TB3 55895	49.53 1.92 0.00	37.74 1.43 0.00	33.73 1.25 0.00	33.29 1.27 0.00	36.84 1.37 0.00	45.22 1.55 0.00	55.33 1.50 0.00	60.45 1.58 0.00	54.44 1.42 0.00	52.32 1.30 0.00	36.34 0.61 0.00	31.43 0.54 0.00	31.86 0.47 0.00	31.18 0.49 0.00	34.93 0.52 0.00	36.19 0.83 0.00	54.16 1.17 0.00	52.71 1.31 0.00	122.09 2.25 0.00	67.81 1.23 0.00	52.98 0.87 0.00	44.61 0.61 0.00	46.79 0.52 0.00	37.65 0.36 0.00
GREENDGE_115KV_TB5 80291	45.69 -1.92 0.00	34.83 -1.48 0.00	31.43 -1.27 -0.22	30.61 -1.46 -0.05	34.06 -1.40 0.00	42.14 -1.52 0.00	52.09 -1.78 -0.05	65.49 -1.91 -8.53	59.62 -1.93 -8.53	63.12 -1.92 -14.02	34.79 -0.94 0.00	29.86 -1.02 0.00	30.60 -0.80 0.00	29.87 -0.82 0.00	33.64 -0.76 0.00	34.99 -0.37 0.00	51.58 -1.42 0.00	50.61 -0.80 0.00	117.63 -2.21 0.00	65.68 -0.90 0.00	51.49 -0.61 0.00	43.80 -0.20 0.00	46.15 -0.11 0.00	37.29 0.00 0.00
GREENIDGE___3 23582	45.69 -1.92 0.00	34.83 -1.48 0.00	31.43 -1.27 -0.22	30.61 -1.46 -0.05	34.06 -1.40 0.00	42.14 -1.52 0.00	52.09 -1.78 -0.05	65.49 -1.91 -8.53	59.62 -1.93 -8.53	63.12 -1.92 -14.02	34.79 -0.94 0.00	29.86 -1.02 0.00	30.60 -0.80 0.00	29.87 -0.82 0.00	33.64 -0.76 0.00	34.99 -0.37 0.00	51.58 -1.42 0.00	50.61 -0.80 0.00	117.63 -2.21 0.00	65.68 -0.90 0.00	51.49 -0.61 0.00	43.80 -0.20 0.00	46.15 -0.11 0.00	37.29 0.00 0.00
GREENIDGE___4 23583	45.69 -1.92 0.00	34.82 -1.49 0.00	31.42 -1.28 -0.22	30.61 -1.46 -0.05	34.06 -1.41 0.00	42.14 -1.53 0.00	52.09 -1.78 -0.05	65.49 -1.91 -8.53	59.61 -1.94 -8.53	63.12 -1.92 -14.02	34.79 -0.94 0.00	29.86 -1.03 0.00	30.60 -0.80 0.00	29.87 -0.82 0.00	33.64 -0.76 0.00	34.99 -0.37 0.00	51.57 -1.43 0.00	50.61 -0.80 0.00	117.61 -2.23 0.00	65.71 -0.87 0.00	51.49 -0.61 0.00	43.80 -0.20 0.00	46.16 -0.10 0.00	37.29 0.00 0.00
GREENLWN_69_KV_BK 3 55738	51.12 3.51 0.00	38.55 2.24 0.00	34.39 1.92 0.00	33.80 1.78 0.00	37.28 1.82 0.00	46.38 2.71 0.00	57.07 3.25 0.00	62.69 3.82 0.00	56.74 3.72 0.00	54.79 3.78 0.00	38.27 2.54 0.00	32.85 1.96 0.00	33.23 1.84 0.00	32.36 1.68 0.00	36.53 2.13 0.00	37.86 2.50 0.00	55.93 2.94 0.00	54.68 3.27 0.00	125.22 5.38 0.00	70.20 3.62 0.00	55.13 3.03 0.00	46.64 2.63 0.00	48.76 2.50 0.00	39.19 1.90 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
GRISSOM___SOLAR 323813	49.93 2.32 0.00	38.00 1.69 0.00	33.99 1.51 0.00	33.50 1.47 0.00	37.15 1.68 0.00	45.74 2.07 0.00	56.78 2.96 0.00	62.23 3.36 0.00	55.55 2.53 0.00	53.08 2.06 0.00	37.33 1.60 0.00	32.01 1.12 0.00	32.83 1.43 0.00	32.10 1.41 0.00	35.84 1.44 0.00	37.17 1.81 0.00	55.96 2.97 0.00	54.57 3.16 0.00	127.02 7.18 0.00	70.52 3.93 0.00	55.16 3.06 0.00	46.57 2.57 0.00	48.88 2.61 0.00	39.28 2.00 0.00
GROVEVILLE___HYD 323602	50.93 3.32 0.00	38.71 2.40 0.00	34.53 2.06 0.00	34.04 2.02 0.00	37.67 2.20 0.00	46.55 2.88 0.00	57.46 3.64 0.00	63.01 4.14 0.00	56.92 3.89 0.00	54.99 3.97 0.00	38.49 2.76 0.00	33.17 2.29 0.00	33.55 2.15 0.00	32.73 2.05 0.00	36.65 2.25 0.00	38.06 2.70 0.00	56.53 3.54 0.00	55.11 3.70 0.00	127.23 7.38 0.00	70.87 4.28 0.00	55.52 3.41 0.00	46.77 2.76 0.00	48.83 2.56 0.00	39.25 1.97 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.64 -0.97 0.00	35.52 -0.79 0.00	31.79 -0.69 0.00	31.34 -0.69 0.00	34.75 -0.72 0.00	42.84 -0.83 0.00	52.98 -0.85 0.00	57.96 -0.91 0.00	52.16 -0.87 0.00	50.12 -0.90 0.00	35.16 -0.57 0.00	30.42 -0.47 0.00	30.96 -0.44 0.00	30.27 -0.42 0.00	33.94 -0.46 0.00	35.02 -0.33 0.00	52.22 -0.77 0.00	50.86 -0.54 0.00	118.43 -1.41 0.00	65.79 -0.79 0.00	51.48 -0.62 0.00	43.49 -0.52 0.00	45.70 -0.56 0.00	36.78 -0.51 0.00

HAMLTNNY_34_KV_TB 80303	46.56 -1.05 0.00	35.48 -0.83 0.00	31.75 -0.72 0.00	31.28 -0.74 0.00	34.71 -0.76 0.00	42.79 -0.87 0.00	52.96 -0.86 0.00	57.90 -0.97 0.00	52.09 -0.93 0.00	50.03 -0.99 0.00	35.12 -0.62 0.00	30.39 -0.50 0.00	30.95 -0.45 0.00	30.26 -0.43 0.00	33.94 -0.46 0.00	35.00 -0.36 0.00	52.15 -0.84 0.00	50.82 -0.58 0.00	118.46 -1.38 0.00	65.75 -0.83 0.00	51.48 -0.62 0.00	43.52 -0.48 0.00	45.74 -0.53 0.00	36.79 -0.49 0.00
HAMPSHIRE___PAPER_HYD 323593	76.28 -1.93 -30.61	60.42 -1.53 -25.64	55.11 -1.32 -23.95	54.41 -1.35 -23.74	59.01 -1.70 -25.24	70.85 -1.73 -28.90	86.35 -0.93 -33.46	93.44 -1.20 -35.77	84.79 -1.18 -32.94	81.03 -1.28 -31.29	60.30 -0.89 -25.45	53.29 -0.90 -23.30	53.90 -1.03 -23.52	53.14 -0.76 -23.21	58.64 -0.61 -24.85	60.33 -0.21 -25.18	85.60 -0.38 -32.99	82.70 -1.04 -32.33	183.48 0.54 -63.10	104.14 -1.53 -39.09	67.03 -1.23 -16.16	42.78 -1.23 0.00	46.38 0.11 0.00	37.12 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	47.87 0.26 0.00	36.53 0.22 0.00	32.54 0.07 0.00	32.10 0.07 0.00	35.63 0.16 0.00	43.95 0.28 0.00	54.35 0.53 0.00	59.42 0.55 0.00	53.19 0.15 -0.02	51.11 0.02 -0.07	35.55 -0.19 0.00	30.67 -0.22 0.00	30.84 -0.56 0.00	30.12 -0.57 0.00	33.89 -0.52 0.00	35.45 0.09 0.00	53.09 0.10 0.00	51.72 0.31 0.00	119.69 -0.15 0.00	66.31 -0.28 0.00	52.02 -0.09 0.00	43.76 -0.24 0.00	45.78 -0.48 0.00	36.69 -0.60 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.27 2.67 0.00	38.21 1.90 0.00	34.10 1.62 0.00	33.62 1.59 0.00	37.21 1.75 0.00	45.96 2.30 0.00	56.74 2.92 0.00	62.18 3.32 0.00	56.17 3.15 0.00	54.27 3.25 0.00	38.05 2.32 0.00	32.81 1.92 0.00	33.18 1.79 0.00	32.38 1.70 0.00	36.25 1.85 0.00	37.63 2.28 0.00	55.80 2.82 0.00	54.39 2.98 0.00	125.60 5.75 0.00	69.97 3.39 0.00	54.83 2.72 0.00	46.23 2.22 0.00	48.28 2.02 0.00	38.86 1.58 0.00
HARSNRAD_115KV_TB1 81005	43.00 -4.61 0.00	32.87 -3.44 0.00	29.33 -3.03 0.12	28.86 -3.14 0.03	32.24 -3.23 0.00	39.93 -3.74 0.00	49.47 -4.33 0.03	48.96 -5.44 4.47	43.91 -4.64 4.47	39.04 -4.63 7.35	32.77 -2.96 0.00	28.35 -2.54 0.00	29.12 -2.28 0.00	28.44 -2.25 0.00	32.26 -2.15 0.00	33.35 -2.01 0.00	48.74 -4.24 0.00	47.71 -3.70 0.00	110.79 -9.06 0.00	61.73 -4.85 0.00	48.51 -3.59 0.00	41.60 -2.40 0.00	44.41 -1.85 0.00	36.17 -1.11 0.00
HARZA MOOSE___RIVER 24016	55.37 -0.77 -8.53	42.80 -0.65 -7.14	38.64 -0.51 -6.67	38.12 -0.52 -6.61	41.83 -0.67 -7.03	51.14 -0.58 -8.05	63.28 0.14 -9.32	68.74 0.14 -9.97	62.07 -0.15 -9.19	59.57 -0.21 -8.76	42.63 -0.19 -7.09	37.20 -0.19 -6.49	37.71 -0.24 -6.56	37.06 -0.10 -6.47	41.50 0.17 -6.92	42.84 0.47 -7.02	62.53 0.35 -9.19	60.58 0.17 -9.01	138.99 1.57 -17.58	78.09 0.62 -10.89	57.12 0.51 -4.50	44.31 0.31 0.00	46.96 0.70 0.00	37.63 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	46.47 -1.14 0.00	35.39 -0.92 0.00	31.68 -0.80 0.00	31.21 -0.81 0.00	34.61 -0.86 0.00	42.67 -0.99 0.00	52.74 -1.08 0.00	57.73 -1.14 0.00	51.96 -1.07 0.00	49.97 -1.05 0.00	35.04 -0.70 0.00	30.31 -0.58 0.00	30.86 -0.54 0.00	30.16 -0.53 0.00	33.82 -0.58 0.00	34.90 -0.46 0.00	51.99 -1.00 0.00	50.63 -0.77 0.00	117.81 -2.03 0.00	65.48 -1.10 0.00	51.23 -0.87 0.00	43.26 -0.74 0.00	45.47 -0.79 0.00	36.63 -0.66 0.00
HELLGATE_13_KV_LD 55870	50.62 3.01 0.00	38.48 2.17 0.00	34.29 1.81 0.00	33.82 1.81 0.00	37.34 1.87 0.00	46.19 2.52 0.00	57.00 3.17 0.00	62.35 3.48 0.00	56.41 3.39 0.00	54.68 3.66 0.00	38.46 2.73 0.00	33.28 2.39 0.00	33.60 2.20 0.00	32.76 2.07 0.00	36.56 2.16 0.00	37.91 2.55 0.00	55.91 2.92 0.00	54.40 2.99 0.00	125.33 5.49 0.00	69.90 3.32 0.00	54.88 2.77 0.00	46.35 2.35 0.00	48.34 2.07 0.00	38.93 1.64 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.62 3.01 0.00	38.48 2.17 0.00	34.29 1.81 0.00	33.82 1.81 0.00	37.34 1.87 0.00	46.19 2.52 0.00	57.00 3.17 0.00	62.35 3.48 0.00	56.41 3.39 0.00	54.68 3.66 0.00	38.46 2.73 0.00	33.28 2.39 0.00	33.60 2.20 0.00	32.76 2.07 0.00	36.56 2.16 0.00	37.91 2.55 0.00	55.91 2.92 0.00	54.40 2.99 0.00	125.33 5.49 0.00	69.90 3.32 0.00	54.88 2.77 0.00	46.35 2.35 0.00	48.34 2.07 0.00	38.93 1.64 0.00
HEMPSTEAD____ 23647	50.96 3.35 0.00	38.54 2.23 0.00	34.38 1.90 0.00	33.83 1.81 0.00	37.37 1.91 0.00	46.38 2.71 0.00	57.04 3.22 0.00	62.61 3.73 0.00	56.68 3.65 0.00	54.83 3.81 0.00	38.35 2.62 0.00	32.98 2.09 0.00	33.38 1.98 0.00	32.50 1.81 0.00	36.59 2.18 0.00	37.91 2.55 0.00	56.06 3.07 0.00	54.77 3.36 0.00	125.52 5.68 0.00	70.36 3.78 0.00	55.20 3.10 0.00	46.60 2.60 0.00	48.76 2.50 0.00	39.16 1.88 0.00
HEWLETT_69_KV_BK3 55828	51.43 3.82 0.00	38.88 2.57 0.00	34.68 2.21 0.00	34.14 2.11 0.00	37.70 2.24 0.00	46.80 3.13 0.00	57.60 3.78 0.00	63.22 4.35 0.00	57.20 4.17 0.00	55.31 4.29 0.00	38.70 2.97 0.00	33.28 2.39 0.00	33.64 2.24 0.00	32.80 2.11 0.00	36.97 2.55 -0.02	38.26 2.90 0.00	56.61 3.62 0.00	55.33 3.93 0.00	126.88 7.04 0.00	71.04 4.46 0.00	55.75 3.65 0.00	47.06 3.06 0.00	49.14 2.88 0.00	39.49 2.20 0.00
HICKLING___1 23621	45.63 -1.97 0.00	34.71 -1.60 0.00	31.20 -1.36 -0.08	30.43 -1.61 -0.02	33.95 -1.52 0.00	41.98 -1.68 0.00	51.92 -1.92 -0.02	60.54 -1.59 -3.26	54.48 -1.80 -3.25	54.74 -1.63 -5.35	34.73 -1.00 0.00	29.80 -1.09 0.00	30.56 -0.84 0.00	29.75 -0.94 0.00	33.38 -1.02 0.00	34.83 -0.52 0.00	51.49 -1.50 0.00	50.70 -0.70 0.00	118.36 -1.48 0.00	65.99 -0.59 0.00	51.69 -0.41 0.00	43.72 -0.28 0.00	46.24 -0.02 0.00	37.23 -0.06 0.00
HICKLING___2 23622	45.63 -1.97 0.00	34.71 -1.60 0.00	31.20 -1.36 -0.08	30.43 -1.61 -0.02	33.95 -1.52 0.00	41.98 -1.68 0.00	51.92 -1.92 -0.02	60.54 -1.59 -3.26	54.48 -1.80 -3.25	54.74 -1.63 -5.35	34.73 -1.00 0.00	29.80 -1.09 0.00	30.56 -0.84 0.00	29.75 -0.94 0.00	33.38 -1.02 0.00	34.83 -0.52 0.00	51.49 -1.50 0.00	50.70 -0.70 0.00	118.36 -1.48 0.00	65.99 -0.59 0.00	51.69 -0.41 0.00	43.72 -0.28 0.00	46.24 -0.02 0.00	37.23 -0.06 0.00
HIGH FALLS___HY 23754	51.36 3.75 0.00	38.99 2.68 0.00	34.77 2.29 0.00	34.25 2.23 0.00	37.95 2.48 0.00	46.96 3.30 0.00	58.17 4.35 0.00	63.84 4.97 0.00	57.65 4.63 0.00	55.69 4.67 0.00	39.03 3.29 0.00	33.48 2.59 0.00	33.71 2.31 0.00	32.82 2.13 0.00	36.83 2.42 0.00	38.35 2.99 0.00	57.07 4.08 0.00	55.75 4.35 0.00	128.82 8.97 0.00	71.77 5.19 0.00	56.25 4.14 0.00	47.40 3.39 0.00	49.43 3.17 0.00	39.72 2.43 0.00
HIGH_RIVER___SOLAR 323847	49.36 1.75 0.00	37.57 1.26 0.00	33.61 1.13 0.00	33.14 1.12 0.00	36.70 1.24 0.00	45.18 1.52 0.00	55.89 2.07 0.00	61.22 2.35 0.00	54.87 1.84 0.00	52.42 1.40 0.00	36.78 1.05 0.00	31.62 0.73 0.00	32.28 0.88 0.00	31.65 0.96 0.00	35.48 1.08 0.00	36.66 1.30 0.00	55.05 2.06 0.00	53.60 2.19 0.00	124.48 4.64 0.00	69.17 2.59 0.00	54.11 2.00 0.00	45.65 1.65 0.00	47.88 1.62 0.00	38.52 1.24 0.00

HILLBURN___GT 23639	50.16 2.55 0.00	38.14 1.82 0.00	34.02 1.54 0.00	33.54 1.52 0.00	37.13 1.66 0.00	45.87 2.20 0.00	56.60 2.78 0.00	62.00 3.12 0.00	56.01 2.98 0.00	54.13 3.11 0.00	37.99 2.26 0.00	32.78 1.89 0.00	33.17 1.77 0.00	32.35 1.66 0.00	36.17 1.77 0.00	37.53 2.17 0.00	55.57 2.57 0.00	54.13 2.72 0.00	124.88 5.04 0.00	69.63 3.05 0.00	54.60 2.50 0.00	46.03 2.03 0.00	48.10 1.83 0.00	38.74 1.46 0.00
HILLSIDE_115KV_TB1 80332	45.73 -1.88 0.00	34.74 -1.57 0.00	31.24 -1.31 -0.08	30.48 -1.56 -0.02	34.00 -1.47 0.00	41.99 -1.67 0.00	51.82 -2.02 -0.02	60.12 -1.68 -2.93	54.06 -1.89 -2.92	54.15 -1.68 -4.81	34.68 -1.05 0.00	29.76 -1.13 0.00	30.54 -0.86 0.00	29.69 -1.00 0.00	33.27 -1.13 0.00	34.65 -0.71 0.00	51.19 -1.80 0.00	50.34 -1.07 0.00	117.41 -2.44 0.00	65.44 -1.14 0.00	51.26 -0.85 0.00	43.29 -0.71 0.00	45.74 -0.52 0.00	36.75 -0.53 0.00
HISHELDN_WT_PWR 323625	42.68 -4.93 0.00	32.58 -3.73 0.00	28.77 -3.31 0.39	28.44 -3.50 0.08	31.87 -3.59 0.00	39.49 -4.18 0.00	48.89 -4.85 0.08	38.32 -5.72 14.83	33.03 -5.16 14.84	21.64 -4.98 24.40	32.61 -3.12 0.00	28.13 -2.76 0.00	28.90 -2.50 0.00	28.22 -2.47 0.00	31.95 -2.46 0.00	33.16 -2.20 0.00	48.72 -4.26 0.01	47.94 -3.46 0.00	111.73 -8.11 0.00	62.41 -4.17 0.00	49.21 -2.90 0.00	42.14 -1.86 0.00	44.99 -1.27 0.00	36.50 -0.78 0.00
HOLTSVILLE_IC_1 23690	51.44 3.84 0.00	38.72 2.41 0.00	34.56 2.09 0.00	33.96 1.94 0.00	37.48 2.01 0.00	46.67 3.00 0.00	57.47 3.65 0.00	63.13 4.26 0.00	57.10 4.07 0.00	55.06 4.04 0.00	38.47 2.74 0.00	32.95 2.06 0.00	33.25 1.85 0.00	32.35 1.66 0.00	36.63 2.23 0.01	38.09 2.73 0.00	56.47 3.49 0.00	55.31 3.91 0.00	126.52 6.68 0.00	70.94 4.36 0.00	55.77 3.67 0.00	47.13 3.13 0.00	49.26 3.00 0.00	39.52 2.24 0.00
HOLTSVILLE_IC_10 23699	51.65 4.04 0.00	38.86 2.55 0.00	34.69 2.22 0.00	34.08 2.06 0.00	37.60 2.14 0.00	46.85 3.19 0.00	57.71 3.89 0.00	63.43 4.55 0.00	57.38 4.36 0.00	55.33 4.31 0.00	38.65 2.92 0.00	33.10 2.21 0.00	33.38 1.98 0.00	32.48 1.79 0.00	36.79 2.39 0.00	38.28 2.92 0.00	56.81 3.82 0.00	55.68 4.27 0.00	127.36 7.52 0.00	71.41 4.83 0.00	56.13 4.03 0.00	47.43 3.42 0.00	49.55 3.29 0.00	39.73 2.45 0.00
HOLTSVILLE_IC_2 23691	51.44 3.84 0.00	38.72 2.41 0.00	34.56 2.09 0.00	33.96 1.94 0.00	37.48 2.01 0.00	46.67 3.00 0.00	57.47 3.65 0.00	63.13 4.26 0.00	57.10 4.07 0.00	55.06 4.04 0.00	38.47 2.74 0.00	32.95 2.06 0.00	33.25 1.85 0.00	32.35 1.66 0.00	36.63 2.23 0.01	38.09 2.73 0.00	56.47 3.49 0.00	55.31 3.91 0.00	126.52 6.68 0.00	70.94 4.36 0.00	55.77 3.67 0.00	47.13 3.13 0.00	49.26 3.00 0.00	39.52 2.24 0.00
HOLTSVILLE_IC_3 23692	51.44 3.84 0.00	38.72 2.41 0.00	34.56 2.09 0.00	33.96 1.94 0.00	37.48 2.01 0.00	46.67 3.00 0.00	57.47 3.65 0.00	63.13 4.26 0.00	57.10 4.07 0.00	55.06 4.04 0.00	38.47 2.74 0.00	32.95 2.06 0.00	33.25 1.85 0.00	32.35 1.66 0.00	36.63 2.23 0.01	38.09 2.73 0.00	56.47 3.49 0.00	55.31 3.91 0.00	126.52 6.68 0.00	70.94 4.36 0.00	55.77 3.67 0.00	47.13 3.13 0.00	49.26 3.00 0.00	39.52 2.24 0.00
HOLTSVILLE_IC_4 23693	51.44 3.84 0.00	38.72 2.41 0.00	34.56 2.09 0.00	33.96 1.94 0.00	37.48 2.01 0.00	46.67 3.00 0.00	57.47 3.65 0.00	63.13 4.26 0.00	57.10 4.07 0.00	55.06 4.04 0.00	38.47 2.74 0.00	32.95 2.06 0.00	33.25 1.85 0.00	32.35 1.66 0.00	36.63 2.23 0.01	38.09 2.73 0.00	56.47 3.49 0.00	55.31 3.91 0.00	126.52 6.68 0.00	70.94 4.36 0.00	55.77 3.67 0.00	47.13 3.13 0.00	49.26 3.00 0.00	39.52 2.24 0.00
HOLTSVILLE_IC_5 23694	51.44 3.84 0.00	38.72 2.41 0.00	34.56 2.09 0.00	33.96 1.94 0.00	37.48 2.01 0.00	46.67 3.00 0.00	57.47 3.65 0.00	63.13 4.26 0.00	57.10 4.07 0.00	55.06 4.04 0.00	38.47 2.74 0.00	32.95 2.06 0.00	33.25 1.85 0.00	32.35 1.66 0.00	36.63 2.23 0.01	38.09 2.73 0.00	56.47 3.49 0.00	55.31 3.91 0.00	126.52 6.68 0.00	70.94 4.36 0.00	55.77 3.67 0.00	47.13 3.13 0.00	49.26 3.00 0.00	39.52 2.24 0.00
HOLTSVILLE_IC_6 23695	51.65 4.04 0.00	38.86 2.55 0.00	34.69 2.22 0.00	34.08 2.06 0.00	37.60 2.14 0.00	46.85 3.19 0.00	57.71 3.89 0.00	63.43 4.55 0.00	57.38 4.36 0.00	55.33 4.31 0.00	38.65 2.92 0.00	33.10 2.21 0.00	33.38 1.98 0.00	32.48 1.79 0.00	36.79 2.39 0.00	38.28 2.92 0.00	56.81 3.82 0.00	55.68 4.27 0.00	127.36 7.52 0.00	71.41 4.83 0.00	56.13 4.03 0.00	47.43 3.42 0.00	49.55 3.29 0.00	39.73 2.45 0.00
HOLTSVILLE_IC_7 23696	51.65 4.04 0.00	38.86 2.55 0.00	34.69 2.22 0.00	34.08 2.06 0.00	37.60 2.14 0.00	46.85 3.19 0.00	57.71 3.89 0.00	63.43 4.55 0.00	57.38 4.36 0.00	55.33 4.31 0.00	38.65 2.92 0.00	33.10 2.21 0.00	33.38 1.98 0.00	32.48 1.79 0.00	36.79 2.39 0.00	38.28 2.92 0.00	56.81 3.82 0.00	55.68 4.27 0.00	127.36 7.52 0.00	71.41 4.83 0.00	56.13 4.03 0.00	47.43 3.42 0.00	49.55 3.29 0.00	39.73 2.45 0.00
HOLTSVILLE_IC_8 23697	51.65 4.04 0.00	38.86 2.55 0.00	34.69 2.22 0.00	34.08 2.06 0.00	37.60 2.14 0.00	46.85 3.19 0.00	57.71 3.89 0.00	63.43 4.55 0.00	57.38 4.36 0.00	55.33 4.31 0.00	38.65 2.92 0.00	33.10 2.21 0.00	33.38 1.98 0.00	32.48 1.79 0.00	36.79 2.39 0.00	38.28 2.92 0.00	56.81 3.82 0.00	55.68 4.27 0.00	127.36 7.52 0.00	71.41 4.83 0.00	56.13 4.03 0.00	47.43 3.42 0.00	49.55 3.29 0.00	39.73 2.45 0.00
HOLTSVILLE_IC_9 23698	51.65 4.04 0.00	38.86 2.55 0.00	34.69 2.22 0.00	34.08 2.06 0.00	37.60 2.14 0.00	46.85 3.19 0.00	57.71 3.89 0.00	63.43 4.55 0.00	57.38 4.36 0.00	55.33 4.31 0.00	38.65 2.92 0.00	33.10 2.21 0.00	33.38 1.98 0.00	32.48 1.79 0.00	36.79 2.39 0.00	38.28 2.92 0.00	56.81 3.82 0.00	55.68 4.27 0.00	127.36 7.52 0.00	71.41 4.83 0.00	56.13 4.03 0.00	47.43 3.42 0.00	49.55 3.29 0.00	39.73 2.45 0.00
HOMER_HL_115KV_TB2 355744	44.47 -3.13 0.00	33.99 -2.33 0.00	30.41 -2.02 0.04	29.75 -2.27 0.01	33.36 -2.11 0.00	41.29 -2.37 0.00	51.05 -2.76 0.01	53.43 -3.84 1.60	48.02 -3.41 1.60	44.97 -3.41 2.63	33.69 -2.04 0.00	29.15 -1.74 0.00	30.05 -1.35 0.00	29.41 -1.28 0.00	33.11 -1.30 0.00	34.35 -1.01 0.00	50.32 -2.67 0.00	49.19 -2.22 0.00	114.02 -5.82 0.00	63.73 -2.85 0.00	50.11 -2.00 0.00	42.95 -1.06 0.00	45.86 -0.41 0.00	37.01 -0.28 0.00
HOWARD_WT_PWR 323690	42.46 -5.15 0.00	32.60 -3.71 0.00	29.78 -3.14 -0.45	28.47 -3.65 -0.10	31.66 -3.81 0.00	39.07 -4.60 0.00	48.94 -4.98 -0.10	70.80 -5.04 -16.96	64.96 -5.04 -16.97	74.30 -4.62 -27.90	32.89 -2.84 0.00	28.35 -2.54 0.00	29.11 -2.29 0.00	28.48 -2.21 0.00	31.98 -2.43 0.00	33.51 -1.85 0.00	49.84 -3.16 -0.01	49.15 -2.26 0.00	114.43 -5.42 0.00	64.09 -2.50 0.00	50.87 -1.23 0.00	43.48 -0.53 0.00	46.10 -0.16 0.00	37.22 -0.07 0.00

HQ_GEN_CEDARS 23644	91.56 -1.15 -45.10	73.17 -0.91 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.21 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.17 -52.70	101.30 -0.26 -48.53	96.69 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.48 -0.58 -34.66	64.58 -0.30 -34.19	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.10 0.50 -48.61	98.31 -0.73 -47.64	215.43 2.62 -92.97	121.75 -2.43 -57.60	73.86 -2.05 -23.81	42.17 -1.84 0.00	46.97 0.71 0.00	37.66 0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	91.56 -1.15 -45.10	73.17 -0.92 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.22 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.18 -52.70	101.30 -0.25 -48.53	96.68 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.47 -0.58 -34.66	64.28 -0.30 -33.90	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.10 0.51 -48.61	98.31 -0.73 -47.64	215.42 2.61 -92.97	121.75 -2.43 -57.60	73.86 -2.05 -23.81	42.17 -1.84 0.00	46.97 0.71 0.00	37.66 0.38 0.00
HQ_GEN_IMPORT 323601	41.77 -0.11 5.73	33.98 0.02 2.35	30.27 -0.01 2.19	29.84 -0.01 2.17	33.14 -0.01 2.31	41.03 0.01 2.65	50.07 -0.03 3.72	60.84 -0.09 -2.06	49.85 -0.08 3.09	48.26 -0.09 2.67	33.40 0.00 2.33	28.76 0.00 2.13	29.29 0.04 2.15	28.60 0.03 2.13	32.18 0.05 2.28	24.18 -0.30 10.88	49.94 -0.03 3.02	48.16 -0.29 2.96	114.23 0.16 5.78	63.00 0.00 3.58	50.62 0.00 1.48	44.07 0.07 0.00	46.49 0.23 0.00	37.52 0.23 0.00
HQ_GEN_WHEEL 23651	41.77 -0.11 5.73	33.98 0.02 2.35	30.27 -0.01 2.19	29.84 -0.01 2.17	33.14 -0.01 2.31	41.03 0.01 2.65	50.07 -0.03 3.72	60.84 -0.09 -2.06	49.85 -0.08 3.09	48.26 -0.09 2.67	33.40 0.00 2.33	28.76 0.00 2.13	29.29 0.04 2.15	28.60 0.03 2.13	32.18 0.05 2.28	24.18 -0.30 10.88	49.94 -0.03 3.02	48.16 -0.29 2.96	114.23 0.16 5.78	63.00 0.00 3.58	50.62 0.00 1.48	44.07 0.07 0.00	46.49 0.23 0.00	37.52 0.23 0.00
HUDSON AVE_GT_3 23810	50.63 3.03 0.00	38.49 2.18 0.00	34.31 1.83 0.00	33.84 1.82 0.00	37.39 1.93 0.00	46.23 2.56 0.00	57.02 3.20 0.00	62.40 3.53 0.00	56.44 3.42 0.00	54.72 3.71 0.00	38.50 2.76 0.00	33.29 2.40 0.00	33.65 2.25 0.00	32.80 2.11 0.00	36.61 2.21 0.00	37.99 2.63 0.00	56.08 3.09 0.00	54.55 3.14 0.00	125.60 5.76 0.00	70.04 3.46 0.00	54.97 2.87 0.00	46.39 2.38 0.00	48.38 2.12 0.00	38.94 1.66 0.00
HUDSON AVE_GT_4 23540	50.63 3.03 0.00	38.49 2.18 0.00	34.31 1.83 0.00	33.84 1.82 0.00	37.39 1.93 0.00	46.23 2.56 0.00	57.02 3.20 0.00	62.40 3.53 0.00	56.44 3.42 0.00	54.72 3.71 0.00	38.50 2.76 0.00	33.29 2.40 0.00	33.65 2.25 0.00	32.80 2.11 0.00	36.61 2.21 0.00	37.99 2.63 0.00	56.08 3.09 0.00	54.55 3.14 0.00	125.60 5.76 0.00	70.04 3.46 0.00	54.97 2.87 0.00	46.39 2.38 0.00	48.38 2.12 0.00	38.94 1.66 0.00
HUDSON AVE_GT_5 23657	50.63 3.03 0.00	38.49 2.18 0.00	34.31 1.83 0.00	33.84 1.82 0.00	37.39 1.93 0.00	46.23 2.56 0.00	57.02 3.20 0.00	62.40 3.53 0.00	56.44 3.42 0.00	54.72 3.71 0.00	38.50 2.76 0.00	33.29 2.40 0.00	33.65 2.25 0.00	32.80 2.11 0.00	36.61 2.21 0.00	37.99 2.63 0.00	56.08 3.09 0.00	54.55 3.14 0.00	125.60 5.76 0.00	70.04 3.46 0.00	54.97 2.87 0.00	46.39 2.38 0.00	48.38 2.12 0.00	38.94 1.66 0.00
HUDSON_AVE_10 24168	50.43 2.82 0.00	38.35 2.03 0.00	34.18 1.71 0.00	33.72 1.69 0.00	37.26 1.80 0.00	46.04 2.37 0.00	56.81 2.99 0.00	62.18 3.31 0.00	56.27 3.25 0.00	54.55 3.53 0.00	38.37 2.64 0.00	33.18 2.30 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.47 2.07 0.00	37.84 2.48 0.00	55.87 2.88 0.00	54.32 2.92 0.00	125.12 5.28 0.00	69.78 3.20 0.00	54.76 2.66 0.00	46.21 2.21 0.00	48.19 1.93 0.00	38.80 1.52 0.00
HUDSON___115KV_TB 4 355613	50.36 2.75 0.00	38.34 2.03 0.00	34.27 1.80 0.00	33.82 1.80 0.00	37.41 1.95 0.00	45.99 2.33 0.00	56.48 2.66 0.00	61.84 2.97 0.00	55.63 2.61 0.00	53.23 2.21 0.00	36.91 1.18 0.00	31.79 0.90 0.00	32.15 0.75 0.00	31.50 0.81 0.00	35.36 0.95 0.00	36.80 1.44 0.00	55.43 2.44 0.00	54.11 2.70 0.00	125.41 5.57 0.00	69.59 3.01 0.00	54.35 2.24 0.00	45.72 1.72 0.00	48.04 1.78 0.00	38.60 1.32 0.00
HUNTER MOUNT___DRP 323613	50.60 2.99 0.00	38.53 2.22 0.00	34.48 2.00 0.00	34.01 1.99 0.00	37.63 2.17 0.00	46.26 2.59 0.00	56.84 3.02 0.00	62.31 3.43 0.00	56.06 3.03 0.00	53.57 2.55 0.00	37.06 1.32 0.00	31.90 1.01 0.00	32.28 0.88 0.00	31.66 0.98 0.00	35.56 1.15 0.00	37.02 1.66 0.00	55.88 2.89 0.00	54.56 3.15 0.00	126.59 6.74 0.00	70.15 3.57 0.00	54.76 2.66 0.00	46.05 2.05 0.00	48.32 2.06 0.00	38.81 1.52 0.00
HUNTINGTON_RES_REC 323705	51.36 3.75 0.00	38.67 2.36 0.00	34.50 2.03 0.00	33.90 1.88 0.00	37.40 1.94 0.00	46.57 2.90 0.00	57.35 3.53 0.00	63.03 4.16 0.00	57.03 4.01 0.00	55.01 3.99 0.00	38.43 2.70 0.00	32.93 2.04 0.00	33.27 1.87 0.00	32.38 1.70 0.00	36.63 2.23 0.00	38.04 2.68 0.00	56.33 3.34 0.00	55.17 3.76 0.00	126.30 6.46 0.00	70.81 4.23 0.00	55.63 3.52 0.00	47.02 3.02 0.00	49.13 2.87 0.00	39.43 2.15 0.00
HUNTLEY___63 23557	43.28 -4.33 0.00	33.08 -3.23 0.00	29.50 -2.84 0.13	29.03 -2.97 0.03	32.44 -3.03 0.00	40.15 -3.51 0.00	49.73 -4.06 0.03	48.84 -5.17 4.86	43.75 -4.41 4.86	38.56 -4.47 8.00	33.02 -2.71 0.00	28.56 -2.34 0.00	29.33 -2.07 0.00	28.65 -2.05 0.00	32.50 -1.90 0.00	33.59 -1.77 0.00	49.07 -3.92 0.00	48.08 -3.33 0.00	111.62 -8.22 0.00	62.20 -4.38 0.00	48.88 -3.22 0.00	41.92 -2.09 0.00	44.76 -1.50 0.00	36.45 -0.84 0.00
HUNTLEY___64 23558	43.28 -4.33 0.00	33.08 -3.23 0.00	29.50 -2.84 0.13	29.03 -2.97 0.03	32.44 -3.03 0.00	40.15 -3.51 0.00	49.73 -4.06 0.03	48.84 -5.17 4.86	43.75 -4.41 4.86	38.56 -4.47 8.00	33.02 -2.71 0.00	28.56 -2.34 0.00	29.33 -2.07 0.00	28.65 -2.05 0.00	32.50 -1.90 0.00	33.59 -1.77 0.00	49.07 -3.92 0.00	48.08 -3.33 0.00	111.62 -8.22 0.00	62.20 -4.38 0.00	48.88 -3.22 0.00	41.92 -2.09 0.00	44.76 -1.50 0.00	36.45 -0.84 0.00
HUNTLEY___65 23559	43.28 -4.33 0.00	33.08 -3.23 0.00	29.50 -2.84 0.13	29.03 -2.97 0.03	32.44 -3.03 0.00	40.15 -3.51 0.00	49.73 -4.06 0.03	48.84 -5.17 4.86	43.75 -4.41 4.86	38.56 -4.47 8.00	33.02 -2.71 0.00	28.56 -2.34 0.00	29.33 -2.07 0.00	28.65 -2.05 0.00	32.50 -1.90 0.00	33.59 -1.77 0.00	49.07 -3.92 0.00	48.08 -3.33 0.00	111.62 -8.22 0.00	62.20 -4.38 0.00	48.88 -3.22 0.00	41.92 -2.09 0.00	44.76 -1.50 0.00	36.45 -0.84 0.00
HUNTLEY___66 23560	43.28 -4.33 0.00	33.08 -3.23 0.00	29.50 -2.84 0.13	29.03 -2.97 0.03	32.44 -3.03 0.00	40.15 -3.51 0.00	49.73 -4.06 0.03	48.84 -5.17 4.86	43.75 -4.41 4.86	38.56 -4.47 8.00	33.02 -2.71 0.00	28.56 -2.34 0.00	29.33 -2.07 0.00	28.65 -2.05 0.00	32.50 -1.90 0.00	33.59 -1.77 0.00	49.07 -3.92 0.00	48.08 -3.33 0.00	111.62 -8.22 0.00	62.20 -4.38 0.00	48.88 -3.22 0.00	41.92 -2.09 0.00	44.76 -1.50 0.00	36.45 -0.84 0.00

HUNTLEY___67 23561	42.93 -4.67 0.00	32.82 -3.49 0.00	29.24 -3.08 0.15	28.78 -3.21 0.03	32.17 -3.29 0.00	39.83 -3.83 0.00	49.30 -4.49 0.03	47.52 -5.70 5.66	42.43 -4.93 5.66	36.76 -4.95 9.31	32.70 -3.04 0.00	28.26 -2.63 0.00	29.02 -2.38 0.00	28.33 -2.36 0.00	32.13 -2.27 0.00	33.23 -2.12 0.00	48.62 -4.37 0.00	47.58 -3.83 0.00	110.55 -9.29 0.00	61.64 -4.94 0.00	48.46 -3.64 0.00	41.54 -2.46 0.00	44.35 -1.91 0.00	36.10 -1.19 0.00
HUNTLEY___68 23562	42.93 -4.67 0.00	32.82 -3.49 0.00	29.24 -3.08 0.15	28.78 -3.21 0.03	32.17 -3.29 0.00	39.83 -3.83 0.00	49.30 -4.49 0.03	47.52 -5.70 5.66	42.43 -4.93 5.66	36.76 -4.95 9.31	32.70 -3.04 0.00	28.26 -2.63 0.00	29.02 -2.38 0.00	28.33 -2.36 0.00	32.13 -2.27 0.00	33.23 -2.12 0.00	48.62 -4.37 0.00	47.58 -3.83 0.00	110.55 -9.29 0.00	61.64 -4.94 0.00	48.46 -3.64 0.00	41.54 -2.46 0.00	44.35 -1.91 0.00	36.10 -1.19 0.00
HYLAND___LFG 323620	46.11 -1.50 0.00	35.16 -1.16 0.00	31.96 -1.00 -0.49	30.92 -1.21 -0.11	34.37 -1.09 0.00	42.68 -0.99 0.00	53.42 -0.51 -0.11	76.76 -0.60 -18.49	70.89 -0.64 -18.50	80.10 -1.33 -30.41	34.72 -1.01 0.00	30.27 -0.62 0.00	30.67 -0.73 0.00	29.71 -0.99 0.00	33.72 -0.68 0.00	35.70 0.34 0.00	53.18 0.19 -0.01	52.32 0.91 0.00	122.04 2.19 0.00	67.95 1.36 0.00	53.33 1.23 0.00	45.31 1.31 0.00	47.84 1.58 0.00	38.62 1.34 0.00
INDECK___CORINTH 23802	49.06 1.45 0.00	37.23 0.92 0.00	33.24 0.76 0.00	32.86 0.84 0.00	36.35 0.89 0.00	44.97 1.30 0.00	55.65 1.83 0.00	61.25 2.38 0.00	55.04 2.02 0.00	52.75 1.73 0.00	36.42 0.69 0.00	31.36 0.47 0.00	31.89 0.49 0.00	31.31 0.62 0.00	35.25 0.85 0.00	36.72 1.37 0.00	55.24 2.25 0.00	53.86 2.45 0.00	124.54 4.69 0.00	69.07 2.48 0.00	53.90 1.79 0.00	45.30 1.30 0.00	47.24 0.98 0.00	37.97 0.68 0.00
INDECK___ILION 23567	48.12 0.51 0.00	36.66 0.35 0.00	32.76 0.28 0.00	32.29 0.27 0.00	35.80 0.34 0.00	44.09 0.42 0.00	54.39 0.57 0.00	59.57 0.70 0.00	53.54 0.49 -0.02	51.48 0.38 -0.07	35.86 0.13 0.00	30.95 0.06 0.00	31.36 -0.04 0.00	30.64 -0.05 0.00	34.40 -0.01 0.00	35.69 0.33 0.00	53.44 0.45 0.00	52.00 0.59 0.00	120.70 0.86 0.00	66.98 0.40 0.00	52.42 0.32 0.00	44.15 0.14 0.00	46.26 0.00 0.00	37.17 -0.11 0.00
INDECK___OLEAN 23982	44.47 -3.14 0.00	33.99 -2.33 0.00	30.40 -2.03 0.04	29.72 -2.29 0.01	33.36 -2.11 0.00	41.30 -2.37 0.00	51.03 -2.78 0.01	53.43 -3.84 1.60	48.04 -3.39 1.60	45.02 -3.37 2.63	33.70 -2.03 0.00	29.14 -1.75 0.00	30.05 -1.35 0.00	29.39 -1.30 0.00	33.10 -1.30 0.00	34.33 -1.03 0.00	50.30 -2.68 0.00	49.16 -2.25 0.00	113.97 -5.87 0.00	63.71 -2.87 0.00	50.10 -2.01 0.00	42.95 -1.06 0.00	45.86 -0.40 0.00	37.01 -0.28 0.00
INDECK___OSWEGO 23783	47.64 -1.98 -2.02	36.47 -1.53 -1.69	32.70 -1.35 -1.58	32.25 -1.34 -1.56	35.66 -1.47 -1.66	43.81 -1.76 -1.90	53.99 -2.03 -2.20	59.00 -2.23 -2.36	53.15 -2.05 -2.18	51.08 -2.02 -2.08	36.05 -1.36 -1.68	31.30 -1.13 -1.53	31.81 -1.14 -1.55	31.12 -1.10 -1.53	34.83 -1.22 -1.64	35.91 -1.11 -1.66	53.26 -1.90 -2.17	51.82 -1.72 -2.13	119.90 -4.09 -4.15	66.89 -2.26 -2.57	51.39 -1.77 -1.06	42.51 -1.50 0.00	44.68 -1.58 0.00	35.99 -1.30 0.00
INDECK___YERKES 23781	43.32 -4.29 0.00	33.11 -3.20 0.00	29.52 -2.83 0.13	29.04 -2.96 0.03	32.46 -3.00 0.00	40.20 -3.46 0.00	49.77 -4.02 0.03	48.91 -5.11 4.86	43.84 -4.33 4.86	38.66 -4.36 8.00	33.06 -2.67 0.00	28.59 -2.30 0.00	29.36 -2.04 0.00	28.65 -2.04 0.00	32.54 -1.87 0.00	33.60 -1.76 0.00	49.11 -3.88 0.00	48.10 -3.30 0.00	111.72 -8.12 0.00	62.24 -4.35 0.00	48.92 -3.19 0.00	41.96 -2.04 0.00	44.80 -1.46 0.00	36.49 -0.79 0.00
INDIAN POINT_GT_1 24139	50.23 2.62 0.00	38.19 1.88 0.00	34.06 1.58 0.00	33.59 1.57 0.00	37.14 1.68 0.00	45.89 2.23 0.00	56.60 2.78 0.00	62.00 3.13 0.00	56.02 2.99 0.00	54.17 3.15 0.00	38.00 2.27 0.00	32.80 1.91 0.00	33.18 1.78 0.00	32.36 1.67 0.00	36.19 1.78 0.00	37.54 2.18 0.00	55.59 2.60 0.00	54.15 2.75 0.00	124.88 5.04 0.00	69.63 3.05 0.00	54.60 2.50 0.00	46.02 2.02 0.00	48.08 1.82 0.00	38.71 1.42 0.00
INDIAN POINT_GT_2 23659	50.23 2.62 0.00	38.19 1.88 0.00	34.06 1.58 0.00	33.59 1.57 0.00	37.14 1.68 0.00	45.89 2.23 0.00	56.60 2.78 0.00	62.00 3.13 0.00	56.02 2.99 0.00	54.17 3.15 0.00	38.00 2.27 0.00	32.80 1.91 0.00	33.18 1.78 0.00	32.36 1.67 0.00	36.19 1.78 0.00	37.54 2.18 0.00	55.59 2.60 0.00	54.15 2.75 0.00	124.88 5.04 0.00	69.63 3.05 0.00	54.60 2.50 0.00	46.02 2.02 0.00	48.08 1.82 0.00	38.71 1.42 0.00
INDIAN POINT_GT_3 24019	50.23 2.62 0.00	38.19 1.88 0.00	34.06 1.58 0.00	33.59 1.57 0.00	37.14 1.68 0.00	45.89 2.23 0.00	56.60 2.78 0.00	62.00 3.13 0.00	56.02 2.99 0.00	54.17 3.15 0.00	38.00 2.27 0.00	32.80 1.91 0.00	33.18 1.78 0.00	32.36 1.67 0.00	36.19 1.78 0.00	37.54 2.18 0.00	55.59 2.60 0.00	54.15 2.75 0.00	124.88 5.04 0.00	69.63 3.05 0.00	54.60 2.50 0.00	46.02 2.02 0.00	48.08 1.82 0.00	38.71 1.42 0.00
INDIAN POINT___2 23530	50.14 2.53 0.00	38.13 1.82 0.00	34.02 1.54 0.00	33.53 1.51 0.00	37.10 1.63 0.00	45.83 2.16 0.00	56.52 2.70 0.00	61.91 3.04 0.00	55.92 2.90 0.00	54.08 3.07 0.00	37.95 2.22 0.00	32.76 1.87 0.00	33.13 1.74 0.00	32.32 1.63 0.00	36.14 1.73 0.00	37.49 2.13 0.00	55.52 2.53 0.00	54.06 2.65 0.00	124.69 4.85 0.00	69.50 2.92 0.00	54.50 2.40 0.00	45.97 1.97 0.00	48.03 1.76 0.00	38.67 1.39 0.00
INDIAN POINT___3 23531	50.18 2.57 0.00	38.16 1.85 0.00	34.04 1.56 0.00	33.56 1.54 0.00	37.13 1.66 0.00	45.86 2.19 0.00	56.55 2.73 0.00	61.93 3.05 0.00	55.96 2.93 0.00	54.12 3.10 0.00	37.95 2.22 0.00	32.76 1.87 0.00	33.15 1.75 0.00	32.33 1.64 0.00	36.14 1.74 0.00	37.50 2.14 0.00	55.54 2.55 0.00	54.08 2.68 0.00	124.75 4.91 0.00	69.53 2.95 0.00	54.51 2.41 0.00	45.98 1.97 0.00	48.03 1.77 0.00	38.67 1.39 0.00
INGHAM_C_115KV_TB7 356103	48.38 0.77 0.00	36.85 0.53 0.00	32.86 0.38 0.00	32.40 0.38 0.00	35.95 0.48 0.00	44.33 0.67 0.00	54.67 0.85 0.00	59.94 1.07 0.00	53.71 0.66 -0.02	51.50 0.41 -0.07	35.74 0.01 0.00	30.77 -0.12 0.00	31.03 -0.36 0.00	30.30 -0.39 0.00	34.08 -0.33 0.00	35.71 0.35 0.00	53.55 0.56 0.00	52.23 0.83 0.00	120.78 0.94 0.00	66.91 0.33 0.00	52.38 0.27 0.00	43.98 -0.02 0.00	45.91 -0.35 0.00	36.76 -0.52 0.00
IP CORINTH___1 23988	49.31 1.70 0.00	37.42 1.11 0.00	33.42 0.94 0.00	33.03 1.00 0.00	36.53 1.07 0.00	45.19 1.52 0.00	55.95 2.13 0.00	61.57 2.70 0.00	55.33 2.31 0.00	53.03 2.01 0.00	36.61 0.88 0.00	31.54 0.65 0.00	32.06 0.66 0.00	31.48 0.79 0.00	35.44 1.04 0.00	36.92 1.56 0.00	55.51 2.52 0.00	54.16 2.75 0.00	125.20 5.36 0.00	69.45 2.87 0.00	54.20 2.09 0.00	45.55 1.54 0.00	47.50 1.24 0.00	38.17 0.88 0.00

IP___TICONDEROGA 23804	50.78 3.17 0.00	38.39 2.08 0.00	34.23 1.75 0.00	33.84 1.81 0.00	37.43 1.97 0.00	46.75 3.08 0.00	58.21 4.39 0.00	64.49 5.62 0.00	57.93 4.91 0.00	55.42 4.40 0.00	37.67 1.93 0.00	32.25 1.36 0.00	32.81 1.42 0.00	32.43 1.74 0.00	36.97 2.57 0.00	38.83 3.47 0.00	58.78 5.79 0.00	57.16 5.76 0.00	131.43 11.58 0.00	72.46 5.88 0.00	56.38 4.28 0.00	47.53 3.53 0.00	49.40 3.14 0.00	39.48 2.20 0.00
ISLIP_RES_REC 323679	51.80 4.19 0.00	38.97 2.66 0.00	34.79 2.32 0.00	34.17 2.14 0.00	37.72 2.25 0.00	47.00 3.34 0.00	57.93 4.11 0.00	63.67 4.80 0.00	57.61 4.58 0.00	55.55 4.53 0.00	38.81 3.08 0.00	33.22 2.34 0.00	33.51 2.11 0.00	32.59 1.90 0.00	36.94 2.53 0.00	38.45 3.09 0.00	57.07 4.09 0.00	55.97 4.56 0.00	128.03 8.19 0.00	71.78 5.20 0.00	56.39 4.28 0.00	47.65 3.65 0.00	49.77 3.51 0.00	39.87 2.58 0.00
JAMAICA__27_KV_LOAD 355505	50.69 3.08 0.00	38.58 2.27 0.00	34.39 1.92 0.00	33.92 1.90 0.00	37.49 2.02 0.00	46.27 2.61 0.00	57.17 3.35 0.00	62.61 3.73 0.00	56.65 3.63 0.00	54.90 3.88 0.00	38.62 2.89 0.00	33.42 2.53 0.00	33.76 2.36 0.00	32.92 2.23 0.00	36.69 2.29 0.00	38.07 2.72 0.00	56.26 3.27 0.00	54.68 3.27 0.00	126.02 6.18 0.00	70.31 3.73 0.00	55.14 3.04 0.00	46.57 2.56 0.00	48.51 2.24 0.00	39.10 1.81 0.00
JANIS___SOLAR 323808	48.44 0.83 0.00	36.81 0.50 0.00	32.97 0.50 0.00	32.46 0.44 0.00	36.16 0.70 0.00	44.70 1.03 0.00	56.22 2.40 0.00	67.88 9.01 0.00	60.01 6.98 0.00	57.53 6.51 0.00	38.94 3.21 0.00	33.35 2.46 0.00	33.82 2.42 0.00	32.80 2.10 0.00	36.88 2.47 0.00	39.06 3.70 0.00	58.48 5.49 0.00	53.75 2.34 0.00	125.61 5.77 0.00	69.89 3.31 0.00	54.76 2.66 0.00	46.19 2.19 0.00	48.50 2.24 0.00	38.86 1.58 0.00
JARVIS____ 23743	47.80 0.19 0.00	36.42 0.11 0.00	32.57 0.10 0.00	32.12 0.10 0.00	35.57 0.11 0.00	43.80 0.13 0.00	54.00 0.17 0.00	59.09 0.22 0.00	53.24 0.19 -0.02	51.27 0.18 -0.07	35.80 0.08 0.00	30.95 0.06 0.00	31.44 0.04 0.00	30.75 0.06 0.00	34.47 0.07 0.00	35.53 0.17 0.00	53.16 0.17 0.00	51.61 0.20 0.00	120.08 0.24 0.00	66.72 0.13 0.00	52.21 0.10 0.00	44.06 0.06 0.00	46.30 0.04 0.00	37.30 0.02 0.00
JENNISON___1 23625	47.92 0.31 0.00	36.39 0.08 0.00	32.66 0.18 0.00	32.17 0.15 0.00	35.98 0.51 0.00	44.34 0.67 0.00	55.32 1.50 0.00	62.42 3.55 0.00	55.86 2.84 0.00	53.72 2.71 0.00	37.33 1.59 0.00	32.26 1.37 0.00	32.63 1.23 0.00	31.83 1.14 0.00	35.72 1.31 0.00	37.24 1.88 0.00	55.53 2.55 0.00	53.57 2.16 0.00	125.09 5.25 0.00	69.36 2.78 0.00	54.48 2.38 0.00	45.88 1.88 0.00	48.26 1.99 0.00	38.69 1.41 0.00
JENNISON___2 23626	47.92 0.31 0.00	36.39 0.08 0.00	32.66 0.18 0.00	32.17 0.15 0.00	35.98 0.51 0.00	44.34 0.67 0.00	55.32 1.50 0.00	62.42 3.55 0.00	55.86 2.84 0.00	53.72 2.71 0.00	37.33 1.59 0.00	32.26 1.37 0.00	32.63 1.23 0.00	31.83 1.14 0.00	35.72 1.31 0.00	37.24 1.88 0.00	55.53 2.55 0.00	53.57 2.16 0.00	125.09 5.25 0.00	69.36 2.78 0.00	54.48 2.38 0.00	45.88 1.88 0.00	48.26 1.99 0.00	38.69 1.41 0.00
JERICHO_RISE_WT_PWR 323719	-26.36 -1.81 72.16	-25.44 -1.31 60.44	-25.17 -1.19 56.46	-25.13 -1.19 55.96	-25.40 -1.37 59.50	-26.05 -1.58 68.14	-26.81 -1.73 78.89	-27.30 -1.86 84.32	-26.96 -1.69 78.29	-26.46 -1.79 75.68	-25.43 -1.16 60.00	-25.06 -1.02 54.93	-25.09 -1.03 55.46	-25.03 -1.02 54.71	-25.30 -1.13 58.57	-25.39 -1.40 59.35	-26.26 -1.49 77.77	-26.67 -1.86 76.22	-31.85 -2.94 148.75	-27.78 -2.20 92.16	12.28 -1.73 38.09	42.83 -1.18 0.00	45.63 -0.63 0.00	37.08 -0.21 0.00
KATONAH___115KV_46KV_TB4 355592	50.63 3.02 0.00	38.49 2.18 0.00	34.32 1.84 0.00	33.84 1.82 0.00	37.43 1.96 0.00	46.26 2.60 0.00	57.08 3.26 0.00	62.55 3.68 0.00	56.53 3.51 0.00	54.66 3.64 0.00	38.30 2.57 0.00	33.06 2.17 0.00	33.44 2.04 0.00	32.62 1.93 0.00	36.47 2.07 0.00	37.83 2.47 0.00	56.08 3.10 0.00	54.66 3.26 0.00	126.09 6.25 0.00	70.29 3.71 0.00	55.08 2.97 0.00	46.42 2.42 0.00	48.48 2.21 0.00	38.98 1.70 0.00
KCE_NY_1 323755	50.24 2.63 0.00	38.18 1.87 0.00	34.08 1.61 0.00	33.66 1.63 0.00	37.24 1.78 0.00	45.98 2.32 0.00	56.85 3.03 0.00	62.39 3.52 0.00	56.07 3.04 0.00	53.74 2.72 0.00	37.25 1.52 0.00	32.15 1.26 0.00	32.66 1.27 0.00	32.01 1.33 0.00	36.00 1.59 0.00	37.42 2.07 0.00	56.15 3.16 0.00	54.74 3.34 0.00	126.73 6.89 0.00	70.36 3.78 0.00	54.93 2.83 0.00	46.18 2.18 0.00	48.26 2.00 0.00	38.77 1.49 0.00
KCE_NY_6_ESR 323823	43.36 -4.25 0.00	33.19 -3.12 0.00	29.56 -2.76 0.16	29.03 -2.96 0.03	32.50 -2.97 0.00	40.25 -3.41 0.00	49.85 -3.93 0.03	47.99 -4.96 5.92	42.84 -4.26 5.93	37.01 -4.26 9.75	33.20 -2.53 0.00	28.67 -2.22 0.00	29.40 -2.00 0.00	28.70 -1.99 0.00	32.58 -1.82 0.00	33.67 -1.68 0.00	49.37 -3.62 0.00	48.38 -3.03 0.00	112.47 -7.37 0.00	62.72 -3.86 0.00	49.37 -2.73 0.00	42.31 -1.69 0.00	45.16 -1.10 0.00	36.67 -0.62 0.00
KEDC_PORT_JEFF_GT2 24210	51.63 4.02 0.00	38.85 2.54 0.00	34.67 2.19 0.00	34.06 2.04 0.00	37.58 2.12 0.00	46.83 3.16 0.00	57.68 3.86 0.00	63.39 4.52 0.00	57.35 4.32 0.00	55.30 4.28 0.00	38.62 2.89 0.00	33.07 2.19 0.00	33.36 1.96 0.00	32.47 1.78 0.00	36.78 2.37 0.00	38.26 2.90 0.00	56.78 3.79 0.00	55.65 4.25 0.00	127.32 7.48 0.00	71.40 4.81 0.00	56.11 4.01 0.00	47.42 3.41 0.00	49.53 3.27 0.00	39.71 2.42 0.00
KEDC_PORT_JEFF_GT3 24211	51.63 4.02 0.00	38.85 2.54 0.00	34.67 2.19 0.00	34.06 2.04 0.00	37.58 2.12 0.00	46.83 3.16 0.00	57.68 3.86 0.00	63.39 4.52 0.00	57.35 4.32 0.00	55.30 4.28 0.00	38.62 2.89 0.00	33.07 2.19 0.00	33.36 1.96 0.00	32.47 1.78 0.00	36.78 2.37 0.00	38.26 2.90 0.00	56.78 3.79 0.00	55.65 4.25 0.00	127.32 7.48 0.00	71.40 4.81 0.00	56.11 4.01 0.00	47.42 3.41 0.00	49.53 3.27 0.00	39.71 2.42 0.00
KEDC_GLWD_GT4 24219	50.97 3.36 0.00	38.63 2.32 0.00	34.46 1.98 0.00	33.94 1.92 0.00	37.51 2.04 0.00	46.46 2.80 0.00	57.25 3.43 0.00	62.78 3.91 0.00	56.79 3.76 0.00	54.93 3.91 0.00	38.47 2.74 0.00	33.16 2.28 0.00	33.55 2.15 0.00	32.70 2.01 0.00	36.69 2.29 0.00	38.02 2.66 0.00	55.98 2.99 0.00	54.62 3.21 0.00	125.49 5.65 0.00	70.13 3.55 0.00	55.01 2.91 0.00	46.44 2.44 0.00	48.77 2.51 0.00	39.21 1.92 0.00
KEDC_GLWD_GT5 24220	50.97 3.36 0.00	38.63 2.32 0.00	34.46 1.98 0.00	33.94 1.92 0.00	37.51 2.04 0.00	46.46 2.80 0.00	57.25 3.43 0.00	62.78 3.91 0.00	56.79 3.76 0.00	54.93 3.91 0.00	38.47 2.74 0.00	33.16 2.28 0.00	33.55 2.15 0.00	32.70 2.01 0.00	36.69 2.29 0.00	38.02 2.66 0.00	55.98 2.99 0.00	54.62 3.21 0.00	125.49 5.65 0.00	70.13 3.55 0.00	55.01 2.91 0.00	46.44 2.44 0.00	48.77 2.51 0.00	39.21 1.92 0.00

KENSICO____ 23655	50.38 2.77 0.00	38.31 2.00 0.00	34.16 1.68 0.00	33.69 1.67 0.00	37.24 1.78 0.00	46.03 2.36 0.00	56.76 2.94 0.00	62.18 3.31 0.00	56.19 3.16 0.00	54.36 3.34 0.00	38.12 2.39 0.00	32.92 2.03 0.00	33.31 1.91 0.00	32.48 1.79 0.00	36.31 1.90 0.00	37.67 2.31 0.00	55.77 2.78 0.00	54.31 2.90 0.00	125.23 5.39 0.00	69.80 3.22 0.00	54.74 2.63 0.00	46.16 2.15 0.00	48.21 1.95 0.00	38.80 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.18 3.57 0.00	38.87 2.56 0.00	34.67 2.19 0.00	34.16 2.14 0.00	37.84 2.38 0.00	46.80 3.13 0.00	57.92 4.10 0.00	63.56 4.69 0.00	57.40 4.37 0.00	55.41 4.39 0.00	38.79 3.06 0.00	33.29 2.40 0.00	33.54 2.14 0.00	32.66 1.97 0.00	36.65 2.24 0.00	38.15 2.79 0.00	56.84 3.85 0.00	55.48 4.07 0.00	128.21 8.37 0.00	71.43 4.84 0.00	55.96 3.85 0.00	47.15 3.14 0.00	49.19 2.93 0.00	39.53 2.25 0.00
KIAC_JFK_GT1 23816	50.54 2.93 0.00	38.46 2.15 0.00	34.29 1.81 0.00	33.83 1.81 0.00	37.38 1.92 0.00	46.14 2.47 0.00	56.98 3.16 0.00	62.39 3.52 0.00	56.45 3.43 0.00	54.72 3.70 0.00	38.50 2.77 0.00	33.31 2.42 0.00	33.65 2.25 0.00	32.82 2.13 0.00	36.59 2.18 0.00	37.95 2.60 0.00	56.06 3.07 0.00	54.48 3.07 0.00	125.57 5.73 0.00	70.05 3.47 0.00	54.94 2.84 0.00	46.40 2.40 0.00	48.33 2.07 0.00	38.97 1.69 0.00
KIAC_JFK_GT2 23817	50.54 2.93 0.00	38.46 2.15 0.00	34.29 1.81 0.00	33.83 1.81 0.00	37.38 1.92 0.00	46.14 2.47 0.00	56.98 3.16 0.00	62.39 3.52 0.00	56.45 3.43 0.00	54.72 3.70 0.00	38.50 2.77 0.00	33.31 2.42 0.00	33.65 2.25 0.00	32.82 2.13 0.00	36.59 2.18 0.00	37.95 2.60 0.00	56.06 3.07 0.00	54.48 3.07 0.00	125.57 5.73 0.00	70.05 3.47 0.00	54.94 2.84 0.00	46.40 2.40 0.00	48.33 2.07 0.00	38.97 1.69 0.00
KIAC_JFK____ 323774	50.54 2.93 0.00	38.47 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.39 1.92 0.00	46.13 2.47 0.00	56.98 3.16 0.00	62.39 3.52 0.00	56.46 3.43 0.00	54.72 3.70 0.00	38.50 2.77 0.00	33.31 2.42 0.00	33.66 2.26 0.00	32.82 2.13 0.00	36.59 2.19 0.00	37.96 2.60 0.00	56.07 3.08 0.00	54.50 3.10 0.00	125.58 5.74 0.00	70.06 3.48 0.00	54.95 2.84 0.00	46.40 2.40 0.00	48.33 2.07 0.00	38.98 1.69 0.00
KINTIGH____ 23543	43.42 -4.19 0.00	33.17 -3.14 0.00	29.63 -2.77 0.07	29.14 -2.87 0.02	32.53 -2.93 0.00	40.24 -3.42 0.00	49.78 -4.03 0.02	50.86 -5.14 2.86	45.68 -4.48 2.87	41.72 -4.58 4.71	32.91 -2.82 0.00	28.48 -2.41 0.00	29.24 -2.16 0.00	28.48 -2.21 0.00	32.29 -2.11 0.00	33.39 -1.97 0.00	48.96 -4.03 0.00	47.82 -3.59 0.00	111.06 -8.78 0.00	61.86 -4.72 0.00	48.56 -3.55 0.00	41.51 -2.49 0.00	44.17 -2.09 0.00	35.90 -1.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.99 -1.35 68.25	-21.93 -1.07 57.17	-21.89 -0.97 53.40	-21.83 -0.92 52.93	-21.89 -1.08 56.28	-21.98 -1.20 64.45	-21.97 -1.18 74.61	-22.17 -1.29 79.74	-22.26 -1.21 74.08	-21.98 -1.31 71.69	-21.89 -0.87 56.75	-21.87 -0.81 51.95	-21.84 -0.79 52.45	-21.81 -0.76 51.74	-21.86 -0.87 55.39	-21.74 -0.96 56.13	-21.51 -0.96 73.55	-21.87 -1.19 72.08	-22.49 -1.65 140.69	-21.97 -1.39 87.16	14.98 -1.10 36.02	43.42 -0.58 0.00	46.17 -0.09 0.00	37.51 0.23 0.00
LACHUTE__HYDRO 323717	50.78 3.17 0.00	38.39 2.08 0.00	34.22 1.75 0.00	33.83 1.81 0.00	37.43 1.96 0.00	46.75 3.08 0.00	58.21 4.39 0.00	64.49 5.62 0.00	57.93 4.91 0.00	55.42 4.40 0.00	37.67 1.94 0.00	32.25 1.36 0.00	32.81 1.42 0.00	32.43 1.74 0.00	36.97 2.57 0.00	38.83 3.47 0.00	58.78 5.79 0.00	57.16 5.76 0.00	131.43 11.58 0.00	72.46 5.88 0.00	56.38 4.28 0.00	47.53 3.53 0.00	49.40 3.14 0.00	39.48 2.20 0.00
LAWRNCV_115KV_TB1 80681	91.56 -1.15 -45.10	73.17 -0.91 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.21 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.17 -52.70	101.30 -0.26 -48.53	96.69 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.48 -0.58 -34.66	64.58 -0.30 -34.19	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.11 0.51 -48.61	98.52 -0.53 -47.64	215.45 2.64 -92.97	122.36 -1.82 -57.60	74.34 -1.57 -23.81	42.55 -1.45 0.00	46.97 0.71 0.00	37.66 0.38 0.00
LEDERLE____ 23769	50.25 2.65 0.00	38.21 1.90 0.00	34.10 1.62 0.00	33.62 1.60 0.00	37.20 1.74 0.00	45.95 2.29 0.00	56.70 2.89 0.00	62.12 3.25 0.00	56.12 3.09 0.00	54.26 3.24 0.00	38.07 2.34 0.00	32.85 1.96 0.00	33.23 1.83 0.00	32.42 1.73 0.00	36.26 1.85 0.00	37.61 2.25 0.00	55.69 2.70 0.00	54.25 2.84 0.00	125.16 5.32 0.00	69.78 3.20 0.00	54.71 2.61 0.00	46.14 2.14 0.00	48.20 1.94 0.00	38.82 1.54 0.00
LIGHTHSE_115KV_TB6 355974	50.20 -2.22 -4.82	38.60 -1.75 -4.03	34.72 -1.52 -3.77	34.23 -1.53 -3.74	37.75 -1.69 -3.97	46.29 -1.93 -4.55	57.12 -1.97 -5.27	62.32 -2.18 -5.63	56.21 -2.01 -5.19	53.97 -1.99 -4.94	38.39 -1.35 -4.01	33.40 -1.16 -3.67	33.93 -1.18 -3.70	33.26 -1.08 -3.66	37.27 -1.05 -3.91	38.42 -0.90 -3.96	56.54 -1.64 -5.19	54.95 -1.55 -5.09	126.63 -3.14 -9.93	70.92 -1.81 -6.15	53.31 -1.33 -2.54	42.77 -1.24 0.00	45.10 -1.16 0.00	36.23 -1.05 0.00
LINDEN COGEN____ 23786	50.27 2.66 0.00	38.22 1.90 0.00	34.05 1.58 0.00	33.61 1.59 0.00	37.14 1.67 0.00	45.91 2.24 0.00	56.62 2.79 0.00	61.92 3.05 0.00	55.98 2.96 0.00	54.29 3.27 0.00	38.21 2.48 0.00	33.04 2.15 0.00	33.39 2.00 0.00	32.55 1.86 0.00	36.33 1.92 0.00	37.69 2.33 0.00	55.62 2.63 0.00	54.09 2.68 0.00	124.40 4.56 0.00	69.36 2.80 0.02	54.46 2.36 0.00	46.00 1.99 0.00	47.97 1.71 0.00	38.64 1.35 0.00
LINDHRST_69_KV_BK1 356055	51.69 4.08 0.00	38.97 2.66 0.00	34.77 2.29 0.00	34.18 2.16 0.00	37.73 2.27 0.00	46.94 3.27 0.00	57.77 3.95 0.00	63.44 4.56 0.00	57.39 4.36 0.00	55.45 4.43 0.00	38.77 3.04 0.00	33.24 2.36 0.00	33.59 2.19 0.00	32.70 2.01 0.00	36.95 2.55 0.00	38.36 3.00 0.00	56.86 3.87 0.00	55.69 4.28 0.00	127.46 7.62 0.00	71.55 4.96 0.00	56.18 4.08 0.00	47.42 3.42 0.00	49.55 3.29 0.00	39.75 2.46 0.00
LIPA_MISC_IPP 23656	51.45 3.85 0.00	38.70 2.39 0.00	34.55 2.07 0.00	33.94 1.92 0.00	37.46 1.99 0.00	46.67 3.00 0.00	57.48 3.66 0.00	63.17 4.30 0.00	57.14 4.12 0.00	55.10 4.08 0.00	38.47 2.74 0.00	32.93 2.04 0.00	33.16 1.76 0.00	32.27 1.58 0.00	36.58 2.17 0.01	38.09 2.73 0.00	56.59 3.60 0.00	55.48 4.07 0.00	126.84 7.00 0.00	71.17 4.59 0.00	56.01 3.91 0.00	47.35 3.35 0.00	49.49 3.23 0.00	39.64 2.36 0.00
LISF__SOLAR 323691	51.53 3.93 0.00	38.77 2.46 0.00	34.60 2.12 0.00	34.00 1.97 0.00	37.51 2.04 0.00	46.76 3.09 0.00	57.57 3.75 0.00	63.28 4.41 0.00	57.25 4.22 0.00	55.18 4.16 0.00	38.54 2.80 0.00	32.96 2.07 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.61 2.21 0.01	38.15 2.79 0.00	56.71 3.72 0.00	55.61 4.20 0.00	127.16 7.32 0.00	71.33 4.75 0.00	56.13 4.03 0.00	47.45 3.44 0.00	49.58 3.32 0.00	39.71 2.43 0.00

LITTLE FALLS___HYD 24013	48.38 0.77 0.00	36.85 0.53 0.00	32.86 0.38 0.00	32.40 0.38 0.00	35.95 0.48 0.00	44.33 0.67 0.00	54.67 0.85 0.00	59.94 1.07 0.00	53.71 0.66 -0.02	51.50 0.41 -0.07	35.74 0.01 0.00	30.77 -0.12 0.00	31.03 -0.36 0.00	30.30 -0.39 0.00	34.08 -0.33 0.00	35.71 0.35 0.00	53.55 0.56 0.00	52.23 0.83 0.00	120.78 0.94 0.00	66.91 0.33 0.00	52.38 0.27 0.00	43.98 -0.02 0.00	45.91 -0.35 0.00	36.76 -0.52 0.00
LITTLRIV_115KV_TB1 356100	92.46 -0.25 -45.10	73.85 -0.23 -37.78	67.54 -0.22 -35.29	66.70 -0.30 -34.98	72.11 -0.55 -37.19	86.01 -0.24 -42.59	104.18 1.05 -49.31	112.80 1.23 -52.70	102.55 0.99 -48.53	97.87 0.77 -46.08	73.84 0.60 -37.50	65.43 0.21 -34.33	66.08 0.02 -34.66	65.24 0.35 -34.19	71.32 0.31 -36.61	73.44 0.98 -37.10	103.43 1.83 -48.61	99.97 0.92 -47.64	218.65 5.84 -92.97	124.30 0.12 -57.60	75.79 -0.12 -23.81	43.70 -0.30 0.00	47.96 1.70 0.00	38.40 1.12 0.00
LI_NEWBRDGE___DRP 323616	50.91 3.31 0.00	38.45 2.14 0.00	34.32 1.84 0.00	33.76 1.74 0.00	37.27 1.81 0.00	46.28 2.62 0.00	56.95 3.13 0.00	62.52 3.65 0.00	56.56 3.53 0.00	54.67 3.65 0.00	38.22 2.49 0.00	32.86 1.97 0.00	33.23 1.83 0.00	32.37 1.69 0.00	36.47 2.07 0.01	37.79 2.43 0.00	55.91 2.92 0.00	54.65 3.25 0.00	125.16 5.32 0.00	70.16 3.58 0.00	55.07 2.96 0.00	46.51 2.51 0.00	48.61 2.35 0.00	39.06 1.77 0.00
LOCKPORT_115KV_TB60_63_64 80432	43.08 -4.52 0.00	32.92 -3.39 0.00	29.39 -2.98 0.11	28.91 -3.09 0.02	32.30 -3.17 0.00	40.01 -3.66 0.00	49.57 -4.23 0.02	49.45 -5.28 4.15	44.40 -4.47 4.15	39.74 -4.46 6.83	32.85 -2.89 0.00	28.41 -2.47 0.00	29.19 -2.21 0.00	28.50 -2.19 0.00	32.33 -2.08 0.00	33.44 -1.92 0.00	48.86 -4.12 0.00	47.83 -3.58 0.00	111.09 -8.76 0.00	61.86 -4.72 0.00	48.61 -3.49 0.00	41.67 -2.33 0.00	44.48 -1.78 0.00	36.22 -1.07 0.00
LOCKPORT___CC1 323769	42.99 -4.62 0.00	32.86 -3.45 0.00	29.32 -3.04 0.12	28.83 -3.17 0.03	32.24 -3.23 0.00	39.93 -3.73 0.00	49.46 -4.34 0.03	48.99 -5.41 4.47	43.95 -4.60 4.47	39.09 -4.58 7.35	32.78 -2.95 0.00	28.35 -2.54 0.00	29.12 -2.27 0.00	28.41 -2.28 0.00	32.25 -2.16 0.00	33.33 -2.03 0.00	48.72 -4.26 0.00	47.68 -3.73 0.00	110.77 -9.07 0.00	61.71 -4.87 0.00	48.51 -3.60 0.00	41.60 -2.40 0.00	44.41 -1.85 0.00	36.17 -1.11 0.00
LOCKPORT___CC2 323770	42.99 -4.62 0.00	32.86 -3.45 0.00	29.32 -3.04 0.12	28.83 -3.17 0.03	32.24 -3.23 0.00	39.93 -3.73 0.00	49.46 -4.34 0.03	48.99 -5.41 4.47	43.95 -4.60 4.47	39.09 -4.58 7.35	32.78 -2.95 0.00	28.35 -2.54 0.00	29.12 -2.27 0.00	28.41 -2.28 0.00	32.25 -2.16 0.00	33.33 -2.03 0.00	48.72 -4.26 0.00	47.68 -3.73 0.00	110.77 -9.07 0.00	61.71 -4.87 0.00	48.51 -3.60 0.00	41.60 -2.40 0.00	44.41 -1.85 0.00	36.17 -1.11 0.00
LOCKPORT___CC3 323771	42.99 -4.62 0.00	32.86 -3.45 0.00	29.32 -3.04 0.12	28.83 -3.17 0.03	32.24 -3.23 0.00	39.93 -3.73 0.00	49.46 -4.34 0.03	48.99 -5.41 4.47	43.95 -4.60 4.47	39.09 -4.58 7.35	32.78 -2.95 0.00	28.35 -2.54 0.00	29.12 -2.27 0.00	28.41 -2.28 0.00	32.25 -2.16 0.00	33.33 -2.03 0.00	48.72 -4.26 0.00	47.68 -3.73 0.00	110.77 -9.07 0.00	61.71 -4.87 0.00	48.51 -3.60 0.00	41.60 -2.40 0.00	44.41 -1.85 0.00	36.17 -1.11 0.00
LONG_LAKE_PHOENIX 24014	45.86 -1.75 0.00	34.94 -1.37 0.00	31.27 -1.21 0.00	30.83 -1.20 0.00	34.17 -1.30 0.00	42.15 -1.52 0.00	52.06 -1.77 0.00	56.96 -1.91 0.00	51.27 -1.75 0.00	49.28 -1.74 0.00	34.57 -1.17 0.00	29.92 -0.97 0.00	30.42 -0.98 0.00	29.76 -0.94 0.00	33.36 -1.05 0.00	34.43 -0.93 0.00	51.37 -1.61 0.00	50.00 -1.40 0.00	116.37 -3.47 0.00	64.66 -1.92 0.00	50.59 -1.51 0.00	42.72 -1.28 0.00	44.87 -1.39 0.00	36.15 -1.13 0.00
LOVETT___3 23632	50.00 2.39 0.00	38.02 1.71 0.00	33.94 1.46 0.00	33.47 1.44 0.00	37.03 1.56 0.00	45.73 2.07 0.00	56.37 2.55 0.00	61.73 2.86 0.00	55.76 2.74 0.00	53.91 2.90 0.00	37.84 2.11 0.00	32.66 1.77 0.00	33.05 1.65 0.00	32.23 1.54 0.00	36.04 1.63 0.00	37.38 2.02 0.00	55.34 2.35 0.00	53.90 2.50 0.00	124.35 4.51 0.00	69.31 2.73 0.00	54.35 2.25 0.00	45.85 1.85 0.00	47.90 1.64 0.00	38.60 1.31 0.00
LOVETT___4 23642	50.00 2.39 0.00	38.02 1.71 0.00	33.94 1.46 0.00	33.47 1.44 0.00	37.03 1.56 0.00	45.73 2.07 0.00	56.37 2.55 0.00	61.73 2.86 0.00	55.76 2.74 0.00	53.91 2.90 0.00	37.84 2.11 0.00	32.66 1.77 0.00	33.05 1.65 0.00	32.23 1.54 0.00	36.04 1.63 0.00	37.38 2.02 0.00	55.34 2.35 0.00	53.90 2.50 0.00	124.35 4.51 0.00	69.31 2.73 0.00	54.35 2.25 0.00	45.85 1.85 0.00	47.90 1.64 0.00	38.60 1.31 0.00
LOVETT___5 23593	50.00 2.39 0.00	38.02 1.71 0.00	33.94 1.46 0.00	33.47 1.44 0.00	37.03 1.56 0.00	45.73 2.07 0.00	56.37 2.55 0.00	61.73 2.86 0.00	55.76 2.74 0.00	53.91 2.90 0.00	37.84 2.11 0.00	32.66 1.77 0.00	33.05 1.65 0.00	32.23 1.54 0.00	36.04 1.63 0.00	37.38 2.02 0.00	55.34 2.35 0.00	53.90 2.50 0.00	124.35 4.51 0.00	69.31 2.73 0.00	54.35 2.25 0.00	45.85 1.85 0.00	47.90 1.64 0.00	38.60 1.31 0.00
LOWER RAQUET___HYD 24057	91.56 -1.15 -45.10	73.17 -0.92 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.22 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.18 -52.70	101.30 -0.25 -48.53	96.68 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.47 -0.58 -34.66	64.58 -0.30 -34.19	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.11 0.52 -48.61	98.60 -0.45 -47.64	215.45 2.63 -92.97	122.56 -1.62 -57.60	74.50 -1.42 -23.81	42.67 -1.33 0.00	46.97 0.71 0.00	37.66 0.38 0.00
LOWER___HUDSON 24059	49.80 2.19 0.00	37.87 1.56 0.00	33.81 1.33 0.00	33.39 1.37 0.00	36.94 1.47 0.00	45.54 1.88 0.00	56.11 2.29 0.00	61.49 2.62 0.00	55.34 2.32 0.00	53.13 2.11 0.00	36.86 1.13 0.00	31.83 0.94 0.00	32.29 0.89 0.00	31.61 0.92 0.00	35.51 1.10 0.00	36.85 1.49 0.00	55.19 2.19 0.00	53.73 2.33 0.00	124.34 4.50 0.00	69.11 2.53 0.00	53.96 1.85 0.00	45.39 1.38 0.00	47.50 1.24 0.00	38.21 0.92 0.00
LOWVILLE_115KV_TB2 356335	58.59 -1.88 -12.87	45.58 -1.50 -10.78	41.31 -1.24 -10.07	40.76 -1.24 -9.98	44.54 -1.54 -10.61	54.27 -1.55 -12.15	67.21 -0.68 -14.07	72.70 -1.20 -15.04	65.69 -1.19 -13.86	62.94 -1.27 -13.19	45.49 -0.95 -10.70	39.86 -0.82 -9.79	40.37 -0.92 -9.89	39.77 -0.67 -9.76	44.51 -0.34 -10.45	45.96 0.02 -10.58	66.43 -0.43 -13.87	64.23 -0.77 -13.59	146.64 0.28 -26.52	82.77 -0.25 -16.43	58.78 -0.12 -6.79	43.75 -0.25 0.00	46.64 0.38 0.00	37.31 0.02 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.21 2.60 0.00	38.16 1.85 0.00	34.06 1.59 0.00	33.63 1.61 0.00	37.22 1.76 0.00	45.95 2.29 0.00	56.80 2.98 0.00	62.34 3.47 0.00	56.04 3.01 0.00	53.71 2.69 0.00	37.22 1.49 0.00	32.12 1.23 0.00	32.64 1.24 0.00	31.99 1.30 0.00	35.96 1.56 0.00	37.40 2.04 0.00	56.11 3.12 0.00	54.69 3.29 0.00	126.61 6.77 0.00	70.30 3.72 0.00	54.88 2.77 0.00	46.14 2.14 0.00	48.22 1.95 0.00	38.74 1.46 0.00

LUTHERNY_35_KV_BK2 355980	50.24 2.63 0.00	38.18 1.87 0.00	34.08 1.61 0.00	33.66 1.63 0.00	37.24 1.78 0.00	45.98 2.32 0.00	56.86 3.03 0.00	62.38 3.51 0.00	56.07 3.04 0.00	53.74 2.72 0.00	37.25 1.52 0.00	32.15 1.26 0.00	32.66 1.26 0.00	32.01 1.33 0.00	35.99 1.59 0.00	37.42 2.07 0.00	56.15 3.16 0.00	54.74 3.34 0.00	126.73 6.89 0.00	70.37 3.79 0.00	54.93 2.82 0.00	46.18 2.18 0.00	48.26 2.00 0.00	38.77 1.49 0.00
LWR___OSWEGATCHIE_HYD 23850	76.28 -1.94 -30.61	60.42 -1.53 -25.64	55.11 -1.32 -23.95	54.41 -1.36 -23.74	59.01 -1.70 -25.24	70.84 -1.73 -28.90	86.35 -0.94 -33.46	93.45 -1.19 -35.77	84.79 -1.18 -32.94	81.03 -1.28 -31.29	60.30 -0.89 -25.45	53.29 -0.90 -23.30	53.90 -1.02 -23.52	53.14 -0.76 -23.21	58.64 -0.61 -24.85	60.33 -0.21 -25.18	85.60 -0.38 -32.99	82.70 -1.04 -32.33	183.48 0.54 -63.10	104.14 -1.54 -39.09	67.03 -1.23 -16.16	42.78 -1.23 0.00	46.38 0.11 0.00	37.12 -0.17 0.00
LYONS_FALL_HYD 23570	55.37 -0.77 -8.53	42.80 -0.65 -7.14	38.64 -0.51 -6.67	38.12 -0.52 -6.61	41.83 -0.67 -7.03	51.14 -0.58 -8.05	63.28 0.14 -9.32	68.74 -0.10 -9.97	62.07 -0.15 -9.19	59.57 -0.21 -8.76	42.63 -0.19 -7.09	37.20 -0.19 -6.49	37.71 -0.24 -6.56	37.06 -0.10 -6.47	41.50 0.17 -6.92	42.84 0.47 -7.02	62.53 0.35 -9.19	60.58 0.17 -9.01	138.99 1.57 -17.58	78.09 0.62 -10.89	57.12 0.51 -4.50	44.32 0.31 0.00	46.96 0.70 0.00	37.63 0.35 0.00
MADISON___COUNTY_LFGE 323628	50.88 0.69 -2.58	38.98 0.50 -2.16	34.98 0.48 -2.02	34.46 0.44 -2.00	38.15 0.56 -2.13	46.92 0.82 -2.43	58.06 1.42 -2.82	63.47 1.59 -3.02	57.26 1.45 -2.78	55.06 1.38 -2.67	38.80 0.92 -2.15	33.61 0.75 -1.97	34.10 0.72 -1.98	33.42 0.78 -1.96	37.47 0.97 -2.09	38.70 1.22 -2.12	57.32 1.55 -2.78	55.62 1.49 -2.72	128.49 3.33 -5.31	71.68 1.80 -3.29	54.89 1.43 -1.36	45.12 1.12 0.00	47.41 1.15 0.00	38.11 0.83 0.00
MALONE___115KV_TB1 356076	128.26 -1.17 -81.83	103.99 -0.87 -68.54	95.69 -0.81 -64.02	94.64 -0.85 -63.46	101.92 -1.02 -67.47	119.90 -1.04 -77.27	142.50 -0.78 -89.46	153.76 -0.72 -95.61	140.38 -0.68 -88.04	133.76 -0.83 -83.57	103.29 -0.49 -68.04	92.69 -0.49 -62.29	93.76 -0.53 -62.89	92.25 -0.48 -62.04	100.35 -0.48 -66.42	102.15 -0.52 -67.31	140.95 -0.23 -88.19	137.12 -0.72 -86.43	288.82 0.29 -168.68	170.02 -1.07 -104.51	94.35 -0.95 -43.19	43.36 -0.64 0.00	46.52 0.26 0.00	37.64 0.35 0.00
MAPLEWOD_115KV_TB3 80458	49.85 2.25 0.00	37.96 1.65 0.00	33.91 1.44 0.00	33.47 1.44 0.00	37.02 1.55 0.00	45.55 1.88 0.00	55.92 2.10 0.00	61.20 2.33 0.00	55.11 2.09 0.00	52.95 1.93 0.00	36.79 1.06 0.00	31.81 0.92 0.00	32.24 0.84 0.00	31.56 0.88 0.00	35.41 1.00 0.00	36.71 1.34 0.00	54.95 1.96 0.00	53.51 2.11 0.00	123.89 4.04 0.00	68.80 2.22 0.00	53.74 1.64 0.00	45.25 1.24 0.00	47.39 1.13 0.00	38.11 0.83 0.00
MAPLE_RIDGE_WT_1 323574	44.24 -1.40 1.97	33.63 -1.04 1.65	30.02 -0.92 1.54	29.60 -0.89 1.53	32.85 -0.99 1.62	40.60 -1.22 1.86	50.26 -1.41 2.15	54.90 -1.67 2.30	48.74 -1.49 2.80	45.58 -1.37 4.08	33.11 -0.98 1.64	28.59 -0.80 1.50	29.22 -0.67 1.51	28.67 -0.52 1.49	32.20 -0.60 1.60	33.06 -0.68 1.62	50.09 -0.78 2.12	48.17 -1.16 2.08	113.94 -1.85 4.06	63.13 -0.94 2.51	50.42 -0.64 1.04	43.58 -0.42 0.00	46.04 -0.22 0.00	37.14 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	44.24 -1.40 1.97	33.63 -1.04 1.65	30.02 -0.92 1.54	29.60 -0.89 1.53	32.85 -0.99 1.62	40.60 -1.22 1.86	50.26 -1.41 2.15	54.90 -1.67 2.30	48.74 -1.49 2.80	45.58 -1.37 4.08	33.11 -0.98 1.64	28.59 -0.80 1.50	29.22 -0.67 1.51	28.67 -0.52 1.49	32.20 -0.60 1.60	33.06 -0.68 1.62	50.09 -0.78 2.12	48.17 -1.16 2.08	113.94 -1.85 4.06	63.13 -0.94 2.51	50.42 -0.64 1.04	43.58 -0.42 0.00	46.04 -0.22 0.00	37.14 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -1.73 66.88	-21.00 -1.29 56.02	-21.00 -1.15 52.33	-21.00 -1.15 51.87	-21.00 -1.32 55.15	-21.00 -1.51 63.16	-21.00 -1.70 73.12	-21.07 -1.80 78.15	-21.20 -1.61 72.61	-21.00 -1.73 70.29	-21.00 -1.12 55.61	-21.00 -0.98 50.91	-21.00 -1.00 51.40	-21.00 -0.99 50.70	-21.00 -1.12 54.29	-21.00 -1.35 55.01	-20.58 -1.50 72.07	-21.00 -1.77 70.64	-21.00 -2.98 137.87	-21.00 -2.17 85.41	15.09 -1.71 35.30	42.85 -1.16 0.00	45.61 -0.66 0.00	37.05 -0.23 0.00
MARSHVLE_115KV_TB1 80742	49.44 1.83 0.00	37.68 1.37 0.00	33.70 1.22 0.00	33.21 1.19 0.00	36.84 1.37 0.00	45.32 1.66 0.00	56.39 2.57 0.00	61.76 2.89 0.00	55.28 2.26 0.00	52.89 1.87 0.00	37.40 1.67 0.00	32.14 1.25 0.00	32.83 1.43 0.00	32.13 1.44 0.00	36.02 1.61 0.00	37.05 1.70 0.00	55.50 2.52 0.00	54.01 2.60 0.00	126.09 6.25 0.00	70.07 3.48 0.00	54.88 2.77 0.00	46.47 2.47 0.00	48.98 2.71 0.00	39.42 2.14 0.00
MARSH_HILL_WT_PWR 323713	42.47 -5.14 0.00	32.57 -3.74 0.00	29.82 -3.14 -0.48	28.49 -3.64 -0.10	31.66 -3.80 0.00	39.10 -4.56 0.00	48.96 -4.96 -0.10	72.17 -5.05 -18.35	66.40 -4.98 -18.36	76.67 -4.54 -30.19	32.96 -2.78 0.00	28.37 -2.52 0.00	29.11 -2.29 0.00	28.47 -2.22 0.00	31.97 -2.44 0.00	33.51 -1.85 0.00	49.87 -3.13 -0.01	49.24 -2.17 0.00	114.74 -5.11 0.00	64.16 -2.43 0.00	50.85 -1.26 0.00	43.44 -0.57 0.00	46.05 -0.21 0.00	37.17 -0.11 0.00
MCINTYRE_115KV_TB2 80467	93.22 0.51 -45.10	74.43 0.34 -37.78	68.06 0.30 -35.29	67.20 0.20 -34.98	72.65 0.00 -37.19	86.75 0.49 -42.59	105.20 2.07 -49.31	113.97 2.40 -52.70	103.59 2.03 -48.53	98.85 1.75 -46.08	74.52 1.29 -37.50	65.94 0.73 -34.33	66.55 0.49 -34.66	65.76 0.88 -34.19	71.70 0.68 -36.61	74.08 1.62 -37.10	104.53 2.94 -48.61	101.10 2.06 -47.64	221.26 8.45 -92.97	125.75 1.57 -57.60	76.88 0.97 -23.81	44.56 0.56 0.00	48.81 2.55 0.00	39.03 1.75 0.00
MECO_____69_KV_BK1 80468	50.42 2.81 0.00	38.38 2.07 0.00	34.32 1.84 0.00	33.82 1.80 0.00	37.51 2.04 0.00	46.23 2.57 0.00	57.48 3.66 0.00	63.00 4.13 0.00	56.24 3.22 0.00	53.68 2.66 0.00	37.81 2.07 0.00	32.44 1.55 0.00	33.28 1.89 0.00	32.58 1.89 0.00	36.29 1.88 0.00	37.62 2.27 0.00	56.64 3.65 0.00	55.27 3.86 0.00	128.65 8.81 0.00	71.40 4.81 0.00	55.83 3.73 0.00	47.15 3.14 0.00	49.45 3.19 0.00	39.73 2.45 0.00
MENANDS___115KV_TB5 355628	49.77 2.16 0.00	37.90 1.59 0.00	33.85 1.37 0.00	33.42 1.40 0.00	36.98 1.51 0.00	45.45 1.78 0.00	55.71 1.89 0.00	60.93 2.06 0.00	54.87 1.85 0.00	52.74 1.72 0.00	36.63 0.89 0.00	31.67 0.78 0.00	32.11 0.71 0.00	31.42 0.73 0.00	35.23 0.83 0.00	36.52 1.16 0.00	54.64 1.65 0.00	53.18 1.77 0.00	123.16 3.31 0.00	68.39 1.81 0.00	53.42 1.32 0.00	44.97 0.97 0.00	47.12 0.86 0.00	37.91 0.62 0.00
MG INDUSTRY___DRP 24185	49.57 1.96 0.00	37.77 1.46 0.00	33.79 1.32 0.00	33.35 1.32 0.00	36.89 1.43 0.00	45.31 1.64 0.00	55.58 1.76 0.00	60.77 1.89 0.00	54.68 1.65 0.00	52.49 1.47 0.00	36.47 0.73 0.00	31.49 0.61 0.00	31.99 0.59 0.00	31.32 0.63 0.00	35.09 0.69 0.00	36.38 1.02 0.00	54.50 1.51 0.00	53.04 1.63 0.00	122.97 3.13 0.00	68.28 1.70 0.00	53.37 1.27 0.00	44.96 0.96 0.00	47.20 0.94 0.00	38.00 0.72 0.00

MID___OSWEGATCHIE_HYD 23849	76.28 -1.94 -30.61	60.42 -1.53 -25.64	55.11 -1.32 -23.95	54.41 -1.36 -23.74	59.01 -1.70 -25.24	70.84 -1.73 -28.90	86.35 -0.94 -33.46	93.45 -1.19 -35.77	84.79 -1.18 -32.94	81.03 -1.28 -31.29	60.30 -0.89 -25.45	53.29 -0.90 -23.30	53.90 -1.02 -23.52	53.14 -0.76 -23.21	58.64 -0.61 -24.85	60.33 -0.21 -25.18	85.60 -0.38 -32.99	82.70 -1.04 -32.33	183.48 0.54 -63.10	104.14 -1.54 -39.09	67.03 -1.23 -16.16	42.78 -1.23 0.00	46.38 0.11 0.00	37.12 -0.17 0.00
MID___RAQUETTE_HYD 23851	91.56 -1.15 -45.10	73.17 -0.91 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.21 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.17 -52.70	101.30 -0.26 -48.53	96.69 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.48 -0.58 -34.66	64.58 -0.30 -34.19	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.11 0.52 -48.61	98.60 -0.45 -47.64	215.45 2.65 -92.97	122.56 -1.62 -57.60	74.50 -1.42 -23.81	42.67 -1.33 0.00	46.97 0.71 0.00	37.66 0.38 0.00
MILLIKEN___1 23584	47.61 0.00 0.00	36.23 -0.08 0.00	32.44 -0.04 0.00	31.92 -0.11 0.00	35.46 0.00 0.00	43.73 0.06 0.00	54.19 0.37 0.00	59.22 0.35 0.00	53.26 0.24 0.00	51.19 0.17 0.00	35.84 0.11 0.00	30.93 0.04 0.00	31.53 0.13 0.00	30.76 0.07 0.00	34.49 0.09 0.00	35.68 0.32 0.00	53.26 0.27 0.00	52.22 0.81 0.00	121.76 1.92 0.00	67.69 1.11 0.00	53.00 0.89 0.00	44.72 0.72 0.00	46.98 0.72 0.00	37.74 0.46 0.00
MILLIKEN___2 23585	47.61 0.00 0.00	36.23 -0.08 0.00	32.44 -0.04 0.00	31.92 -0.11 0.00	35.46 0.00 0.00	43.73 0.06 0.00	54.19 0.37 0.00	59.22 0.35 0.00	53.26 0.24 0.00	51.19 0.17 0.00	35.84 0.11 0.00	30.93 0.04 0.00	31.53 0.13 0.00	30.76 0.07 0.00	34.49 0.09 0.00	35.68 0.32 0.00	53.26 0.27 0.00	52.22 0.81 0.00	121.76 1.92 0.00	67.69 1.11 0.00	53.00 0.89 0.00	44.72 0.72 0.00	46.98 0.72 0.00	37.74 0.46 0.00
MILLIKEN___DIESEL 23629	47.61 0.00 0.00	36.23 -0.08 0.00	32.44 -0.04 0.00	31.92 -0.11 0.00	35.46 0.00 0.00	43.73 0.06 0.00	54.19 0.37 0.00	59.22 0.35 0.00	53.26 0.24 0.00	51.19 0.17 0.00	35.84 0.11 0.00	30.93 0.04 0.00	31.53 0.13 0.00	30.76 0.07 0.00	34.49 0.09 0.00	35.68 0.32 0.00	53.26 0.27 0.00	52.22 0.81 0.00	121.76 1.92 0.00	67.69 1.11 0.00	53.00 0.89 0.00	44.72 0.72 0.00	46.98 0.72 0.00	37.74 0.46 0.00
MILLSEAT___LFGE 323607	44.15 -3.45 0.00	33.71 -2.60 0.00	30.10 -2.29 0.09	29.58 -2.42 0.02	33.07 -2.39 0.00	41.03 -2.64 0.00	50.93 -2.87 0.02	51.78 -3.63 3.46	46.59 -2.97 3.46	42.31 -3.02 5.70	33.83 -1.90 0.00	29.22 -1.66 0.00	29.99 -1.41 0.00	29.30 -1.39 0.00	33.22 -1.18 0.00	34.35 -1.01 0.00	50.42 -2.56 0.00	49.36 -2.05 0.00	114.64 -5.20 0.00	63.77 -2.81 0.00	50.03 -2.07 0.00	42.74 -1.26 0.00	45.45 -0.81 0.00	36.90 -0.39 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.29 2.68 0.00	38.24 1.93 0.00	34.11 1.63 0.00	33.63 1.60 0.00	37.20 1.73 0.00	45.95 2.28 0.00	56.67 2.85 0.00	62.07 3.20 0.00	56.08 3.05 0.00	54.25 3.23 0.00	38.05 2.32 0.00	32.85 1.96 0.00	33.23 1.83 0.00	32.40 1.72 0.00	36.24 1.83 0.00	37.59 2.23 0.00	55.66 2.67 0.00	54.21 2.80 0.00	125.00 5.16 0.00	69.70 3.12 0.00	54.64 2.54 0.00	46.07 2.06 0.00	48.12 1.86 0.00	38.74 1.45 0.00
MILLWOOD_13_KV_LOAD 356217	50.35 2.75 0.00	38.27 1.96 0.00	34.15 1.67 0.00	33.66 1.64 0.00	37.23 1.77 0.00	46.01 2.35 0.00	56.74 2.92 0.00	62.15 3.28 0.00	56.17 3.14 0.00	54.32 3.30 0.00	38.09 2.36 0.00	32.88 1.99 0.00	33.26 1.86 0.00	32.44 1.75 0.00	36.27 1.87 0.00	37.64 2.28 0.00	55.75 2.76 0.00	54.30 2.90 0.00	125.23 5.39 0.00	69.82 3.24 0.00	54.72 2.62 0.00	46.15 2.15 0.00	48.19 1.93 0.00	38.79 1.51 0.00
MODEL_CITY_ENERGY 24167	42.37 -5.24 0.00	32.40 -3.92 0.00	28.93 -3.43 0.12	28.44 -3.56 0.03	31.79 -3.68 0.00	39.37 -4.30 0.00	48.72 -5.08 0.03	48.22 -6.19 4.47	43.29 -5.26 4.48	38.57 -5.09 7.36	32.26 -3.47 0.00	27.92 -2.97 0.00	28.68 -2.71 0.00	27.97 -2.72 0.00	31.75 -2.66 0.00	32.80 -2.56 0.00	47.88 -5.10 0.00	46.83 -4.57 0.00	108.80 -11.04 0.00	60.59 -5.99 0.00	47.65 -4.46 0.00	40.91 -3.09 0.00	43.74 -2.52 0.00	35.67 -1.61 0.00
MODERN_LFGE___ 323580	42.37 -5.24 0.00	32.40 -3.92 0.00	28.93 -3.43 0.12	28.44 -3.56 0.03	31.79 -3.68 0.00	39.37 -4.30 0.00	48.72 -5.08 0.03	48.22 -6.19 4.47	43.29 -5.26 4.48	38.57 -5.09 7.36	32.26 -3.47 0.00	27.92 -2.97 0.00	28.68 -2.71 0.00	27.97 -2.72 0.00	31.75 -2.66 0.00	32.80 -2.56 0.00	47.88 -5.10 0.00	46.83 -4.57 0.00	108.80 -11.04 0.00	60.59 -5.99 0.00	47.65 -4.46 0.00	40.91 -3.09 0.00	43.74 -2.52 0.00	35.67 -1.61 0.00
MOHAWK_PAPER___DRP 24187	49.85 2.25 0.00	37.96 1.65 0.00	33.91 1.44 0.00	33.47 1.44 0.00	37.02 1.55 0.00	45.55 1.88 0.00	55.92 2.10 0.00	61.20 2.33 0.00	55.11 2.09 0.00	52.95 1.93 0.00	36.79 1.06 0.00	31.81 0.92 0.00	32.24 0.84 0.00	31.56 0.88 0.00	35.41 1.00 0.00	36.71 1.34 0.00	54.95 1.96 0.00	53.51 2.11 0.00	123.89 4.04 0.00	68.80 2.22 0.00	53.74 1.64 0.00	45.25 1.24 0.00	47.39 1.13 0.00	38.11 0.83 0.00
MOHICAN___35_KV_115KV_LD 80490	49.80 2.19 0.00	37.79 1.48 0.00	33.72 1.25 0.00	33.33 1.31 0.00	36.87 1.40 0.00	45.63 1.96 0.00	56.53 2.71 0.00	62.22 3.34 0.00	55.91 2.88 0.00	53.57 2.55 0.00	36.93 1.20 0.00	31.80 0.91 0.00	32.34 0.94 0.00	31.77 1.09 0.00	35.79 1.38 0.00	37.31 1.96 0.00	56.10 3.11 0.00	54.70 3.29 0.00	126.45 6.61 0.00	70.14 3.56 0.00	54.73 2.63 0.00	46.00 2.00 0.00	47.97 1.71 0.00	38.52 1.24 0.00
MONGAUP___HYD 23641	50.46 2.85 0.00	38.35 2.04 0.00	34.22 1.74 0.00	33.72 1.70 0.00	37.36 1.89 0.00	46.15 2.49 0.00	57.02 3.20 0.00	62.56 3.69 0.00	56.44 3.41 0.00	54.41 3.39 0.00	38.06 2.33 0.00	32.64 1.75 0.00	32.83 1.43 0.00	31.95 1.26 0.00	35.86 1.45 0.00	37.40 2.04 0.00	55.30 2.31 0.00	54.37 2.97 0.00	126.19 6.35 0.00	70.50 3.92 0.00	55.23 3.12 0.00	46.30 2.30 0.00	48.56 2.30 0.00	39.08 1.80 0.00
MONTAUK___DIESEL 23721	50.13 2.52 0.00	37.65 1.34 0.00	33.59 1.12 0.00	33.03 1.01 0.00	36.45 0.98 0.00	45.47 1.81 0.00	56.09 2.27 0.00	61.74 2.87 0.00	55.88 2.85 0.00	53.87 2.85 0.00	37.58 1.84 0.00	32.11 1.22 0.00	32.22 0.82 0.00	31.37 0.68 0.00	35.60 1.20 0.01	37.18 1.82 0.00	55.79 2.80 0.00	54.89 3.48 0.00	124.69 4.85 0.00	70.34 3.76 0.00	56.35 4.25 0.00	48.04 4.03 0.00	50.23 3.97 0.00	39.87 2.58 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.18 -5.43 0.00	32.25 -4.07 0.00	28.70 -3.66 0.12	28.22 -3.78 0.03	31.59 -3.88 0.00	39.32 -4.35 0.00	48.80 -4.99 0.03	48.57 -5.83 4.47	43.84 -4.71 4.48	39.47 -4.18 7.36	33.66 -2.08 0.00	28.68 -2.21 0.00	29.02 -2.37 0.00	28.45 -2.24 0.00	32.18 -2.23 0.00	33.45 -1.91 0.00	49.94 -3.05 0.00	49.54 -1.87 0.00	115.06 -4.78 0.00	64.28 -2.31 0.00	50.81 -1.30 0.00	43.74 -0.26 0.00	46.43 0.16 0.00	37.41 0.12 0.00

MORRIS_RIDGE___SOLAR 323848	43.14 -4.47 0.00	32.90 -3.41 0.00	28.80 -3.00 0.68	28.62 -3.25 0.15	32.14 -3.33 0.00	39.80 -3.87 0.00	49.23 -4.44 0.15	28.04 -4.85 25.98	22.41 -4.63 25.99	3.88 -4.39 42.74	32.99 -2.75 0.00	28.41 -2.48 0.00	29.17 -2.23 0.00	28.49 -2.20 0.00	32.10 -2.30 0.00	33.45 -1.91 0.00	49.31 -3.66 0.02	48.65 -2.75 0.00	113.65 -6.20 0.00	63.49 -3.09 0.00	50.02 -2.08 0.00	42.67 -1.33 0.00	45.44 -0.83 0.00	36.77 -0.51 0.00
MORTIMER_115KV_TB3 55949	44.95 -2.66 0.00	34.30 -2.01 0.00	30.69 -1.79 0.00	30.16 -1.86 0.00	33.59 -1.88 0.00	41.55 -2.11 0.00	51.50 -2.32 0.00	55.89 -2.98 0.00	50.47 -2.56 0.00	48.32 -2.70 0.00	34.13 -1.60 0.00	29.53 -1.36 0.00	30.23 -1.17 0.00	29.52 -1.17 0.00	33.35 -1.06 0.00	34.46 -0.90 0.00	50.90 -2.09 0.00	49.65 -1.76 0.00	115.40 -4.44 0.00	64.17 -2.41 0.00	50.26 -1.84 0.00	42.74 -1.27 0.00	45.19 -1.08 0.00	36.57 -0.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.54 2.93 0.00	38.42 2.11 0.00	34.24 1.77 0.00	33.78 1.76 0.00	37.34 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.32 3.45 0.00	56.34 3.31 0.00	54.58 3.56 0.00	38.35 2.62 0.00	33.15 2.26 0.00	33.51 2.11 0.00	32.68 1.99 0.00	36.49 2.09 0.00	37.86 2.50 0.00	55.94 2.95 0.00	54.44 3.04 0.00	125.42 5.58 0.00	69.93 3.35 0.00	54.87 2.76 0.00	46.29 2.29 0.00	48.32 2.05 0.00	38.88 1.60 0.00
MUNSVILLE_WIND_PWR 323609	49.27 1.67 0.00	37.41 1.10 0.00	33.55 1.07 0.00	33.06 1.04 0.00	36.94 1.48 0.00	45.73 2.06 0.00	57.70 3.88 0.00	67.45 8.58 0.00	59.66 6.63 0.00	57.31 6.29 0.00	39.20 3.47 0.00	33.80 2.91 0.00	34.21 2.82 0.00	33.22 2.53 0.00	37.29 2.88 0.00	39.25 3.90 0.00	58.44 5.45 0.00	55.25 3.84 0.00	129.43 9.58 0.00	72.17 5.58 0.00	56.68 4.57 0.00	47.80 3.80 0.00	50.17 3.91 0.00	40.04 2.76 0.00
N SALMON___HYD 24042	128.26 -1.18 -81.83	103.98 -0.87 -68.54	95.69 -0.81 -64.02	94.64 -0.85 -63.46	101.91 -1.03 -67.47	119.89 -1.04 -77.27	142.50 -0.78 -89.46	153.76 -0.73 -95.61	140.38 -0.68 -88.04	133.75 -0.84 -83.57	103.28 -0.49 -68.04	92.68 -0.49 -62.29	93.75 -0.54 -62.89	92.25 -0.48 -62.04	100.34 -0.48 -66.42	102.15 -0.51 -67.31	140.95 -0.23 -88.19	137.12 -0.72 -86.43	288.80 0.27 -168.68	170.02 -1.07 -104.51	94.35 -0.95 -43.19	43.36 -0.64 0.00	46.52 0.26 0.00	37.64 0.35 0.00
N.AKRON__115KV_KNAPP 355671	43.87 -3.74 0.00	33.51 -2.81 0.00	29.91 -2.47 0.10	29.41 -2.59 0.02	32.87 -2.60 0.00	40.76 -2.91 0.00	50.58 -3.22 0.02	51.04 -4.10 3.73	45.89 -3.40 3.74	41.42 -3.45 6.14	33.56 -2.17 0.00	29.01 -1.88 0.00	29.77 -1.62 0.00	29.10 -1.59 0.00	32.99 -1.42 0.00	34.12 -1.24 0.00	49.99 -3.00 0.00	48.91 -2.49 0.00	113.60 -6.25 0.00	63.23 -3.36 0.00	49.65 -2.46 0.00	42.46 -1.55 0.00	45.20 -1.06 0.00	36.74 -0.54 0.00
N.BELMOR_69_KV_BK1 55787	51.25 3.64 0.00	38.71 2.40 0.00	34.54 2.06 0.00	33.98 1.96 0.00	37.52 2.06 0.00	46.59 2.93 0.00	57.22 3.40 0.00	62.83 3.96 0.00	56.86 3.83 0.00	55.07 4.05 0.00	38.49 2.76 0.00	33.07 2.18 0.00	33.45 2.05 0.00	32.58 1.89 0.00	36.72 2.31 -0.01	38.06 2.70 0.00	56.34 3.35 0.00	55.12 3.71 0.00	126.07 6.23 0.00	70.83 4.24 0.00	55.60 3.49 0.00	46.93 2.93 0.00	49.05 2.79 0.00	39.39 2.10 0.00
N.E_GEN_SANDY PD 24062	47.22 2.54 2.93	38.16 1.85 0.00	34.02 1.54 0.00	33.60 1.57 0.00	36.74 1.68 0.40	46.43 2.19 -0.57	55.85 2.67 0.65	68.67 3.03 -6.77	59.93 2.79 -4.12	58.47 2.74 -4.71	35.43 1.66 1.96	32.26 1.37 0.00	32.69 1.29 0.00	31.95 1.26 0.00	35.82 1.42 0.00	37.35 1.80 -0.19	55.45 2.46 0.00	53.99 2.58 0.00	124.70 4.85 0.00	69.31 2.72 0.00	54.17 2.07 0.00	45.58 1.58 0.00	47.69 1.43 0.00	38.81 1.09 -0.44
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.11 2.50 0.00	38.09 1.79 0.00	33.99 1.51 0.00	33.52 1.50 0.00	37.09 1.63 0.00	45.81 2.15 0.00	56.50 2.67 0.00	61.87 3.00 0.00	55.89 2.87 0.00	54.05 3.03 0.00	37.92 2.19 0.00	32.73 1.84 0.00	33.11 1.71 0.00	32.30 1.61 0.00	36.12 1.72 0.00	37.46 2.10 0.00	55.48 2.49 0.00	54.04 2.63 0.00	124.65 4.81 0.00	69.50 2.92 0.00	54.50 2.39 0.00	45.95 1.95 0.00	48.01 1.75 0.00	38.67 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	50.65 3.04 0.00	38.49 2.18 0.00	34.31 1.83 0.00	33.86 1.84 0.00	37.25 1.78 0.00	46.10 2.44 0.00	56.99 3.16 0.00	62.39 3.52 0.00	56.45 3.43 0.00	54.68 3.66 0.00	38.49 2.76 0.00	33.28 2.39 0.00	33.57 2.17 0.00	32.73 2.04 0.00	36.54 2.14 0.00	37.92 2.57 0.00	55.97 2.98 0.00	54.50 3.10 0.00	125.68 5.84 0.00	70.10 3.52 0.00	54.93 2.82 0.00	46.38 2.38 0.00	48.38 2.12 0.00	39.00 1.72 0.00
N.TROY___115KV_TB1 355778	49.80 2.19 0.00	37.87 1.56 0.00	33.81 1.33 0.00	33.40 1.38 0.00	36.94 1.47 0.00	45.54 1.88 0.00	56.11 2.29 0.00	61.49 2.62 0.00	55.34 2.32 0.00	53.13 2.11 0.00	36.86 1.13 0.00	31.83 0.94 0.00	32.29 0.89 0.00	31.62 0.93 0.00	35.51 1.10 0.00	36.84 1.49 0.00	55.19 2.19 0.00	53.73 2.32 0.00	124.35 4.51 0.00	69.11 2.53 0.00	53.95 1.85 0.00	45.38 1.38 0.00	47.50 1.24 0.00	38.21 0.92 0.00
NARROWS_GT1_1 24228	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT1_2 24229	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT1_3 24230	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT1_4 24231	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00

NARROWS_GT1_5 24232	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT1_6 24233	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT1_7 24234	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT1_8 24235	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_1 24236	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_2 24237	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_3 24238	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_4 24239	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_5 24240	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_6 24241	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_7 24242	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NARROWS_GT2_8 24243	50.79 3.19 0.00	38.66 2.35 0.00	34.42 1.94 0.00	33.94 1.92 0.00	37.50 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.49 3.62 0.00	56.48 3.46 0.00	54.79 3.77 0.00	38.64 2.91 0.00	33.40 2.51 0.00	33.73 2.34 0.00	32.88 2.18 0.00	36.72 2.32 0.00	38.10 2.75 0.00	56.14 3.15 0.00	54.58 3.17 0.00	125.68 5.84 0.00	70.09 3.51 0.00	55.03 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	50.60 2.99 0.00	38.53 2.22 0.00	34.48 2.00 0.00	34.01 1.99 0.00	37.63 2.17 0.00	46.26 2.59 0.00	56.84 3.02 0.00	62.31 3.43 0.00	56.06 3.03 0.00	53.57 2.55 0.00	37.06 1.32 0.00	31.90 1.01 0.00	32.28 0.88 0.00	31.66 0.98 0.00	35.56 1.15 0.00	37.02 1.66 0.00	55.88 2.89 0.00	54.56 3.15 0.00	126.59 6.74 0.00	70.15 3.57 0.00	54.76 2.66 0.00	46.05 2.05 0.00	48.32 2.06 0.00	38.81 1.52 0.00
NCHELSEA_115KV_TR2 355582	50.86 3.25 0.00	38.67 2.36 0.00	34.48 2.01 0.00	33.99 1.97 0.00	37.62 2.16 0.00	46.48 2.82 0.00	57.41 3.59 0.00	62.93 4.06 0.00	56.85 3.82 0.00	54.92 3.90 0.00	38.45 2.72 0.00	33.14 2.25 0.00	33.50 2.10 0.00	32.70 2.01 0.00	36.59 2.19 0.00	38.01 2.65 0.00	56.44 3.45 0.00	55.02 3.61 0.00	127.03 7.19 0.00	70.77 4.18 0.00	55.43 3.33 0.00	46.70 2.69 0.00	48.76 2.50 0.00	39.20 1.92 0.00
NEG CAPITAL___MECHNVIL 23645	50.33 2.72 0.00	38.25 1.94 0.00	34.14 1.66 0.00	33.72 1.70 0.00	37.31 1.84 0.00	46.05 2.39 0.00	56.93 3.11 0.00	62.47 3.60 0.00	56.15 3.13 0.00	53.83 2.81 0.00	37.32 1.58 0.00	32.22 1.33 0.00	32.72 1.32 0.00	32.07 1.38 0.00	36.06 1.65 0.00	37.48 2.12 0.00	56.21 3.22 0.00	54.81 3.40 0.00	126.88 7.03 0.00	70.45 3.87 0.00	54.99 2.88 0.00	46.23 2.23 0.00	48.31 2.04 0.00	38.80 1.51 0.00

NEG CENTRAL_HIGH_ACRES 23767	44.55 -3.06 0.00	33.99 -2.32 0.00	30.40 -2.07 0.00	29.91 -2.11 0.00	33.29 -2.17 0.00	41.18 -2.49 0.00	51.06 -2.76 0.00	55.57 -3.30 0.00	50.14 -2.89 0.00	48.05 -2.97 0.00	33.88 -1.86 0.00	29.28 -1.61 0.00	29.96 -1.44 0.00	29.25 -1.44 0.00	33.01 -1.40 0.00	34.09 -1.27 0.00	50.47 -2.51 0.00	49.22 -2.19 0.00	114.42 -5.42 0.00	63.64 -2.94 0.00	49.80 -2.31 0.00	42.26 -1.75 0.00	44.61 -1.66 0.00	36.06 -1.23 0.00
NEG CENTRAL___DRP 24199	46.18 -1.43 0.00	35.18 -1.13 0.00	31.55 -0.97 -0.05	30.97 -1.07 -0.01	34.42 -1.05 0.00	42.51 -1.16 0.00	52.64 -1.20 -0.01	59.41 -1.28 -1.82	53.56 -1.28 -1.82	52.69 -1.32 -2.99	35.02 -0.71 0.00	30.20 -0.69 0.00	30.85 -0.54 0.00	30.14 -0.55 0.00	33.89 -0.51 0.00	35.07 -0.29 0.00	52.04 -0.95 0.00	50.87 -0.54 0.00	118.44 -1.40 0.00	65.88 -0.70 0.00	51.60 -0.50 0.00	43.72 -0.29 0.00	46.00 -0.26 0.00	37.08 -0.20 0.00
NEG CENTRAL___INDECK 23768	45.53 -2.08 0.00	34.72 -1.59 0.00	31.58 -1.39 -0.49	30.55 -1.58 -0.11	33.96 -1.51 0.00	42.12 -1.55 0.00	52.61 -1.32 -0.11	75.89 -1.56 -18.58	70.16 -1.45 -18.58	79.75 -1.83 -30.56	34.59 -1.14 0.00	30.04 -0.85 0.00	30.63 -0.77 0.00	29.81 -0.88 0.00	33.73 -0.68 0.00	35.31 -0.05 0.00	52.43 -0.57 -0.01	51.44 0.03 0.00	119.95 0.11 0.00	66.78 0.20 0.00	52.43 0.32 0.00	44.56 0.56 0.00	47.12 0.86 0.00	38.08 0.79 0.00
NEG CENTRAL___SENECA 23627	45.95 -1.66 0.00	35.00 -1.31 0.00	31.44 -1.12 -0.08	30.76 -1.28 -0.02	34.26 -1.21 0.00	42.37 -1.29 0.00	52.43 -1.41 -0.02	60.37 -1.48 -2.98	54.52 -1.48 -2.98	54.41 -1.51 -4.90	34.98 -0.75 0.00	30.10 -0.79 0.00	30.81 -0.59 0.00	30.08 -0.61 0.00	33.86 -0.54 0.00	35.14 -0.22 0.00	51.95 -1.05 0.00	50.90 -0.51 0.00	118.39 -1.45 0.00	65.95 -0.63 0.00	51.69 -0.41 0.00	43.86 -0.14 0.00	46.19 -0.07 0.00	37.27 -0.02 0.00
NEG CENTRAL___STATE_STREET 24147	46.85 -0.76 0.00	35.72 -0.59 0.00	31.97 -0.51 0.00	31.47 -0.55 0.00	34.96 -0.51 0.00	42.98 -0.69 0.00	53.34 -0.48 0.00	58.30 -0.58 0.00	52.45 -0.57 0.00	50.37 -0.65 0.00	35.42 -0.31 0.00	30.59 -0.31 0.00	31.18 -0.22 0.00	30.48 -0.21 0.00	34.22 -0.18 0.00	35.20 -0.16 0.00	52.43 -0.56 0.00	51.17 -0.24 0.00	119.50 -0.34 0.00	66.29 -0.30 0.00	51.97 -0.14 0.00	43.95 -0.06 0.00	46.21 -0.05 0.00	37.09 -0.19 0.00
NEG MILLWOOD___DRP 24198	50.93 3.32 0.00	38.71 2.40 0.00	34.52 2.04 0.00	34.03 2.00 0.00	37.65 2.18 0.00	46.53 2.86 0.00	57.46 3.64 0.00	62.99 4.12 0.00	56.91 3.89 0.00	55.01 3.99 0.00	38.54 2.81 0.00	33.22 2.33 0.00	33.58 2.18 0.00	32.78 2.09 0.00	36.64 2.23 0.00	38.02 2.66 0.00	56.43 3.44 0.00	55.02 3.61 0.00	127.01 7.17 0.00	70.77 4.18 0.00	55.44 3.34 0.00	46.71 2.70 0.00	48.76 2.50 0.00	39.19 1.91 0.00
NEG NORTH_FLCN_SEA 23793	-21.52 -1.61 67.53	-21.54 -1.28 56.56	-21.49 -1.13 52.84	-21.42 -1.07 52.37	-21.47 -1.25 55.68	-21.53 -1.43 63.77	-21.48 -1.48 73.83	-21.72 -1.69 78.90	-21.87 -1.59 73.31	-21.60 -1.67 70.95	-21.56 -1.14 56.15	-21.52 -1.01 51.40	-21.50 -1.01 51.90	-21.45 -0.94 51.19	-21.48 -1.07 54.81	-21.40 -1.21 55.54	-21.17 -1.39 72.77	-21.52 -1.60 71.32	-22.07 -2.71 139.20	-21.59 -1.93 86.24	14.95 -1.51 35.64	43.10 -0.90 0.00	45.85 -0.42 0.00	37.27 -0.01 0.00
NEG NORTH_KES_CHATEGAY 23792	-26.07 -1.62 72.06	-25.23 -1.18 60.36	-25.00 -1.09 56.38	-24.95 -1.09 55.89	-25.21 -1.25 59.42	-25.81 -1.43 68.05	-26.52 -1.57 78.78	-26.99 -1.66 84.20	-26.67 -1.51 78.18	-26.19 -1.63 75.58	-25.22 -1.03 59.92	-24.88 -0.91 54.85	-24.92 -0.93 55.38	-24.85 -0.91 54.63	-25.10 -1.01 58.49	-25.18 -1.27 59.27	-25.95 -1.28 77.66	-26.32 -1.61 76.11	-31.11 -2.41 148.55	-27.37 -1.92 92.03	12.52 -1.54 38.04	42.98 -1.02 0.00	45.80 -0.46 0.00	37.21 -0.08 0.00
NEG NORTH___ALICE_FALLS 23915	-21.99 -1.35 68.25	-21.93 -1.07 57.17	-21.89 -0.97 53.40	-21.83 -0.92 52.93	-21.89 -1.08 56.28	-21.98 -1.20 64.45	-21.97 -1.18 74.61	-22.17 -1.29 79.74	-22.26 -1.21 74.08	-21.98 -1.31 71.69	-21.89 -0.87 56.75	-21.87 -0.81 51.95	-21.84 -0.79 52.45	-21.81 -0.76 51.74	-21.86 -0.87 55.39	-21.74 -0.96 56.13	-21.51 -0.96 73.55	-21.87 -1.19 72.08	-22.49 -1.65 140.69	-21.97 -1.39 87.16	14.98 -1.10 36.02	43.42 -0.58 0.00	46.17 -0.09 0.00	37.51 0.23 0.00
NEG NORTH___LWR_SARANAC 23913	-21.99 -1.35 68.25	-21.93 -1.07 57.17	-21.89 -0.97 53.40	-21.83 -0.92 52.93	-21.89 -1.08 56.28	-21.98 -1.20 64.45	-21.97 -1.18 74.61	-22.17 -1.29 79.74	-22.26 -1.21 74.08	-21.98 -1.31 71.69	-21.89 -0.87 56.75	-21.87 -0.81 51.95	-21.84 -0.79 52.45	-21.81 -0.76 51.74	-21.86 -0.87 55.39	-21.74 -0.96 56.13	-21.51 -0.96 73.55	-21.87 -1.19 72.08	-22.49 -1.65 140.69	-21.97 -1.39 87.16	14.98 -1.10 36.02	43.42 -0.58 0.00	46.17 -0.09 0.00	37.51 0.23 0.00
NEG NORTH___PLATTSBURG 23628	-21.99 -1.35 68.25	-21.93 -1.08 57.17	-21.89 -0.97 53.40	-21.84 -0.93 52.93	-21.89 -1.09 56.28	-21.99 -1.21 64.45	-21.97 -1.18 74.61	-22.19 -1.31 79.74	-22.26 -1.21 74.08	-21.98 -1.31 71.69	-21.89 -0.87 56.75	-21.88 -0.82 51.95	-21.85 -0.80 52.45	-21.81 -0.76 51.74	-21.86 -0.87 55.39	-21.74 -0.96 56.13	-21.52 -0.96 73.55	-21.87 -1.19 72.08	-22.50 -1.66 140.69	-21.96 -1.39 87.16	14.98 -1.10 36.02	43.42 -0.58 0.00	46.17 -0.09 0.00	37.51 0.23 0.00
NEG WEST_LEA_LOCKPORT 23791	43.00 -4.61 0.00	32.87 -3.44 0.00	29.33 -3.03 0.12	28.86 -3.14 0.03	32.24 -3.23 0.00	39.93 -3.74 0.00	49.47 -4.33 0.03	48.96 -5.44 4.47	43.91 -4.64 4.47	39.04 -4.63 7.35	32.77 -2.96 0.00	28.35 -2.54 0.00	29.12 -2.28 0.00	28.44 -2.25 0.00	32.26 -2.15 0.00	33.35 -2.01 0.00	48.74 -4.24 0.00	47.71 -3.70 0.00	110.79 -9.06 0.00	61.73 -4.85 0.00	48.51 -3.59 0.00	41.60 -2.40 0.00	44.41 -1.85 0.00	36.17 -1.11 0.00
NEG WEST___LANCASTR 23811	44.29 -3.32 0.00	33.84 -2.47 0.00	30.21 -2.15 0.12	29.66 -2.34 0.03	33.17 -2.30 0.00	41.04 -2.62 0.00	50.81 -2.98 0.03	50.23 -3.92 4.71	44.88 -3.43 4.72	39.87 -3.39 7.76	33.68 -2.05 0.00	29.13 -1.76 0.00	29.92 -1.48 0.00	29.26 -1.43 0.00	33.07 -1.34 0.00	34.22 -1.14 0.00	50.10 -2.89 0.00	49.01 -2.40 0.00	113.83 -6.01 0.00	63.49 -3.09 0.00	49.89 -2.21 0.00	42.68 -1.32 0.00	45.58 -0.69 0.00	36.94 -0.34 0.00
NEG_PENN_ALLEGHNY 23528	47.15 -0.46 0.00	35.86 -0.45 0.00	32.14 -0.35 -0.02	31.57 -0.46 0.00	35.09 -0.37 0.00	43.27 -0.40 0.00	53.45 -0.38 0.00	59.52 -0.16 -0.82	53.49 -0.34 -0.80	52.05 -0.29 -1.32	35.55 -0.18 0.00	30.64 -0.25 0.00	31.27 -0.12 0.00	30.50 -0.19 0.00	34.18 -0.23 0.00	35.45 0.09 0.00	52.68 -0.31 0.00	51.55 0.14 0.00	119.96 0.12 0.00	66.75 0.17 0.00	52.27 0.16 0.00	44.12 0.12 0.00	46.44 0.17 0.00	37.34 0.06 0.00
NEG___GEN_MONROE 24207	45.07 -2.54 0.00	34.41 -1.90 0.00	30.76 -1.70 0.02	30.24 -1.78 0.00	33.70 -1.77 0.00	41.72 -1.95 0.00	51.75 -2.06 0.00	55.39 -2.70 0.78	49.96 -2.28 0.78	47.32 -2.41 1.29	34.33 -1.40 0.00	29.68 -1.21 0.00	30.40 -1.00 0.00	29.69 -1.00 0.00	33.57 -0.84 0.00	34.69 -0.66 0.00	51.23 -1.76 0.00	50.00 -1.41 0.00	116.21 -3.63 0.00	64.63 -1.95 0.00	50.61 -1.49 0.00	43.05 -0.95 0.00	45.54 -0.72 0.00	36.85 -0.43 0.00

NEPA__ENERGY 23901	43.05 -4.56 0.00	32.95 -3.36 0.00	29.29 -3.02 0.16	28.81 -3.18 0.04	32.22 -3.24 0.00	39.97 -3.70 0.00	49.58 -4.21 0.04	47.56 -5.20 6.11	42.49 -4.42 6.11	36.72 -4.24 10.05	33.27 -2.46 0.00	28.62 -2.27 0.00	29.29 -2.11 0.00	28.66 -2.03 0.00	32.46 -1.94 0.00	33.67 -1.69 0.00	49.58 -3.41 0.00	48.70 -2.71 0.00	113.14 -6.71 0.00	63.19 -3.39 0.00	49.77 -2.34 0.00	42.69 -1.32 0.00	45.48 -0.78 0.00	36.85 -0.43 0.00
NEVERSINK__HYD 23608	50.38 2.77 0.00	38.27 1.96 0.00	34.15 1.68 0.00	33.66 1.64 0.00	37.29 1.82 0.00	46.09 2.43 0.00	56.99 3.17 0.00	62.55 3.68 0.00	56.27 3.24 0.00	54.29 3.27 0.00	38.00 2.26 0.00	32.60 1.71 0.00	32.91 1.52 0.00	32.07 1.38 0.00	35.97 1.57 0.00	37.37 2.01 0.00	55.72 2.73 0.00	54.34 2.94 0.00	125.67 5.83 0.00	69.97 3.39 0.00	54.80 2.70 0.00	46.18 2.18 0.00	48.21 1.95 0.00	38.75 1.47 0.00
NEWKRMKL_115KV_TB1 55635	49.64 2.04 0.00	37.84 1.53 0.00	33.82 1.34 0.00	33.37 1.35 0.00	36.93 1.46 0.00	45.34 1.67 0.00	55.46 1.64 0.00	60.59 1.72 0.00	54.59 1.56 0.00	52.45 1.43 0.00	36.44 0.71 0.00	31.52 0.63 0.00	31.96 0.56 0.00	31.27 0.58 0.00	35.03 0.63 0.00	36.32 0.96 0.00	54.34 1.35 0.00	52.89 1.49 0.00	122.48 2.64 0.00	68.01 1.43 0.00	53.13 1.03 0.00	44.73 0.73 0.00	46.87 0.61 0.00	37.72 0.43 0.00
NEWTON__FALLS_HYD 23847	76.28 -1.94 -30.61	60.42 -1.53 -25.64	55.11 -1.32 -23.95	54.41 -1.36 -23.74	59.01 -1.70 -25.24	70.84 -1.73 -28.90	86.35 -0.94 -33.46	93.45 -1.19 -35.77	84.79 -1.18 -32.94	81.03 -1.28 -31.29	60.30 -0.89 -25.45	53.29 -0.90 -23.30	53.90 -1.02 -23.52	53.14 -0.76 -23.21	58.64 -0.61 -24.85	60.33 -0.21 -25.18	85.60 -0.38 -32.99	82.70 -1.04 -32.33	183.48 0.54 -63.10	104.14 -1.54 -39.09	67.03 -1.23 -16.16	42.78 -1.23 0.00	46.38 0.11 0.00	37.12 -0.17 0.00
NGRID_A1_DSASP 323792	42.20 -5.41 0.00	32.28 -4.03 0.00	28.81 -3.55 0.12	28.35 -3.65 0.03	31.68 -3.79 0.00	39.22 -4.45 0.00	48.48 -5.32 0.03	47.60 -6.70 4.57	42.67 -5.78 4.58	37.63 -5.87 7.52	32.05 -3.68 0.00	27.74 -3.16 0.00	28.51 -2.88 0.00	27.79 -2.90 0.00	31.56 -2.85 0.00	32.59 -2.77 0.00	47.52 -5.47 0.00	46.45 -4.96 0.00	107.93 -11.91 0.00	60.09 -6.49 0.00	47.26 -4.85 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.45 -1.83 0.00
NGRID_A2_DSASP 323793	42.20 -5.41 0.00	32.28 -4.03 0.00	28.81 -3.55 0.12	28.35 -3.65 0.03	31.68 -3.79 0.00	39.22 -4.45 0.00	48.48 -5.32 0.03	47.60 -6.70 4.57	42.67 -5.78 4.58	37.63 -5.87 7.52	32.05 -3.68 0.00	27.74 -3.16 0.00	28.51 -2.88 0.00	27.79 -2.90 0.00	31.56 -2.85 0.00	32.59 -2.77 0.00	47.52 -5.47 0.00	46.45 -4.96 0.00	107.93 -11.91 0.00	60.09 -6.49 0.00	47.26 -4.85 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.45 -1.83 0.00
NGRID_A4_DSASP 323807	42.20 -5.41 0.00	32.28 -4.03 0.00	28.81 -3.55 0.12	28.35 -3.65 0.03	31.68 -3.79 0.00	39.22 -4.45 0.00	48.48 -5.32 0.03	47.60 -6.70 4.57	42.67 -5.78 4.58	37.63 -5.87 7.52	32.05 -3.68 0.00	27.74 -3.16 0.00	28.51 -2.88 0.00	27.79 -2.90 0.00	31.56 -2.85 0.00	32.59 -2.77 0.00	47.52 -5.47 0.00	46.45 -4.96 0.00	107.93 -11.91 0.00	60.09 -6.49 0.00	47.26 -4.85 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.45 -1.83 0.00
NIAGARA_115E_LBMP 323715	41.96 -5.65 0.00	32.08 -4.23 0.00	28.65 -3.70 0.12	28.18 -3.82 0.03	31.50 -3.97 0.00	38.98 -4.69 0.00	48.22 -5.57 0.03	47.54 -6.70 4.63	42.65 -5.74 4.63	37.91 -5.50 7.62	31.90 -3.83 0.00	27.62 -3.27 0.00	28.39 -3.01 0.00	27.67 -3.02 0.00	31.41 -3.00 0.00	32.44 -2.92 0.00	47.31 -5.68 0.00	46.26 -5.15 0.00	107.48 -12.36 0.00	59.85 -6.73 0.00	47.07 -5.03 0.00	40.45 -3.55 0.00	43.31 -2.95 0.00	35.35 -1.93 0.00
NIAGARA_115W_LBMP 323714	42.12 -5.49 0.00	32.21 -4.10 0.00	28.76 -3.60 0.12	28.28 -3.72 0.03	31.62 -3.85 0.00	39.13 -4.53 0.00	48.38 -5.42 0.03	47.52 -6.81 4.55	42.58 -5.89 4.55	37.57 -5.96 7.48	31.98 -3.75 0.00	27.68 -3.21 0.00	28.45 -2.95 0.00	27.72 -2.97 0.00	31.49 -2.92 0.00	32.52 -2.84 0.00	47.40 -5.59 0.00	46.34 -5.07 0.00	107.66 -12.18 0.00	59.95 -6.63 0.00	47.15 -4.95 0.00	40.50 -3.51 0.00	43.34 -2.92 0.00	35.38 -1.91 0.00
NIAGARA_230_LBMP 323716	42.57 -5.04 0.00	32.55 -3.76 0.00	29.06 -3.31 0.11	28.57 -3.43 0.03	31.94 -3.53 0.00	39.53 -4.14 0.00	48.87 -4.93 0.03	48.27 -6.26 4.34	43.24 -5.44 4.34	38.40 -5.48 7.14	32.29 -3.44 0.00	27.93 -2.96 0.00	28.70 -2.69 0.00	27.98 -2.71 0.00	31.76 -2.65 0.00	32.81 -2.55 0.00	47.91 -5.08 0.00	46.83 -4.57 0.00	108.80 -11.04 0.00	60.62 -5.96 0.00	47.65 -4.45 0.00	40.88 -3.13 0.00	43.67 -2.59 0.00	35.60 -1.69 0.00
NIAGARA__115KV_198_GIBSON 55903	42.13 -5.48 0.00	32.23 -4.08 0.00	28.77 -3.59 0.12	28.30 -3.70 0.03	31.62 -3.85 0.00	39.12 -4.55 0.00	48.38 -5.42 0.03	47.50 -6.83 4.55	42.55 -5.93 4.55	37.51 -6.02 7.48	31.98 -3.75 0.00	27.68 -3.21 0.00	28.45 -2.95 0.00	27.74 -2.94 0.00	31.49 -2.91 0.00	32.54 -2.82 0.00	47.42 -5.57 0.00	46.36 -5.05 0.00	107.70 -12.14 0.00	59.96 -6.62 0.00	47.15 -4.95 0.00	40.50 -3.51 0.00	43.34 -2.92 0.00	35.38 -1.90 0.00
NIAGARA____ 23760	42.57 -5.04 0.00	32.55 -3.76 0.00	29.05 -3.31 0.12	28.56 -3.43 0.03	31.94 -3.53 0.00	39.53 -4.14 0.00	48.86 -4.93 0.03	48.21 -6.26 4.40	43.18 -5.44 4.40	38.29 -5.48 7.25	32.29 -3.44 0.00	27.93 -2.96 0.00	28.70 -2.69 0.00	27.98 -2.71 0.00	31.76 -2.65 0.00	32.81 -2.55 0.00	47.91 -5.08 0.00	46.83 -4.57 0.00	108.80 -11.04 0.00	60.62 -5.96 0.00	47.65 -4.45 0.00	40.88 -3.13 0.00	43.67 -2.59 0.00	35.60 -1.69 0.00
NINE_MILE_1 23575	45.59 -2.01 0.00	34.75 -1.56 0.00	31.11 -1.36 0.00	30.66 -1.36 0.00	33.97 -1.49 0.00	41.86 -1.81 0.00	51.67 -2.15 0.00	56.51 -2.36 0.00	50.87 -2.16 0.00	48.92 -2.10 0.00	34.30 -1.43 0.00	29.70 -1.19 0.00	30.22 -1.18 0.00	29.54 -1.15 0.00	33.09 -1.31 0.00	34.12 -1.24 0.00	50.92 -2.06 0.00	49.54 -1.87 0.00	115.29 -4.55 0.00	64.05 -2.53 0.00	50.13 -1.97 0.00	42.36 -1.64 0.00	44.54 -1.72 0.00	35.91 -1.38 0.00
NINE_MILE_2 23744	45.59 -2.01 0.00	34.75 -1.56 0.00	31.11 -1.36 0.00	30.67 -1.35 0.00	33.97 -1.49 0.00	41.86 -1.81 0.00	51.68 -2.14 0.00	56.51 -2.36 0.00	50.87 -2.16 0.00	48.92 -2.10 0.00	34.30 -1.43 0.00	29.70 -1.19 0.00	30.22 -1.18 0.00	29.54 -1.15 0.00	33.09 -1.31 0.00	34.12 -1.24 0.00	50.92 -2.06 0.00	49.54 -1.87 0.00	115.29 -4.55 0.00	64.05 -2.53 0.00	50.13 -1.97 0.00	42.36 -1.64 0.00	44.54 -1.72 0.00	35.91 -1.38 0.00
NM_CAPITAL__DRP 24208	49.70 2.09 0.00	37.86 1.55 0.00	33.82 1.35 0.00	33.39 1.37 0.00	36.94 1.48 0.00	45.40 1.73 0.00	55.60 1.78 0.00	60.79 1.91 0.00	54.74 1.72 0.00	52.62 1.60 0.00	36.54 0.81 0.00	31.61 0.71 0.00	32.05 0.65 0.00	31.36 0.67 0.00	35.14 0.74 0.00	36.43 1.07 0.00	54.50 1.52 0.00	53.04 1.64 0.00	122.80 2.96 0.00	68.20 1.62 0.00	53.27 1.17 0.00	44.86 0.85 0.00	47.00 0.74 0.00	37.82 0.54 0.00

NM_CENTRAL___DRP 24181	46.50 -1.11 0.00	35.41 -0.90 0.00	31.69 -0.78 0.00	31.23 -0.80 0.00	34.63 -0.83 0.00	42.71 -0.95 0.00	52.80 -1.03 0.00	57.78 -1.09 0.00	52.01 -1.01 0.00	50.02 -1.00 0.00	35.07 -0.66 0.00	30.34 -0.55 0.00	30.88 -0.51 0.00	30.19 -0.50 0.00	33.86 -0.54 0.00	34.94 -0.42 0.00	52.05 -0.94 0.00	50.68 -0.73 0.00	117.93 -1.92 0.00	65.52 -1.06 0.00	51.26 -0.85 0.00	43.30 -0.71 0.00	45.50 -0.76 0.00	36.65 -0.64 0.00
NM_FRONTIER___DRP 24179	42.13 -5.48 0.00	32.23 -4.08 0.00	28.77 -3.59 0.12	28.30 -3.70 0.03	31.62 -3.85 0.00	39.12 -4.55 0.00	48.38 -5.42 0.03	47.50 -6.83 4.55	42.55 -5.93 4.55	37.51 -6.02 7.48	31.98 -3.75 0.00	27.68 -3.21 0.00	28.45 -2.95 0.00	27.74 -2.94 0.00	31.49 -2.91 0.00	32.54 -2.82 0.00	47.42 -5.57 0.00	46.36 -5.05 0.00	107.70 -12.14 0.00	59.96 -6.62 0.00	47.15 -4.95 0.00	40.50 -3.51 0.00	43.34 -2.92 0.00	35.38 -1.90 0.00
NM_ST_REGIS___HYD 24053	99.12 -1.15 -52.66	79.52 -0.90 -44.11	72.86 -0.82 -41.20	71.99 -0.87 -40.84	77.72 -1.17 -43.42	92.30 -1.10 -49.73	111.07 -0.33 -57.57	120.10 -0.30 -61.53	109.33 -0.35 -56.66	104.30 -0.52 -53.80	79.22 -0.30 -43.79	70.54 -0.44 -40.08	71.31 -0.56 -40.47	70.27 -0.34 -39.93	76.81 -0.34 -42.75	78.68 0.00 -43.32	110.11 0.37 -56.75	106.51 -0.52 -55.62	230.50 2.11 -108.55	132.37 -1.47 -67.25	78.61 -1.29 -27.80	42.86 -1.15 0.00	46.89 0.63 0.00	37.69 0.41 0.00
NORTHPORT___1 23551	51.44 3.84 0.00	38.69 2.38 0.00	34.57 2.10 0.00	33.93 1.91 0.00	37.41 1.95 0.00	46.62 2.95 0.00	57.37 3.55 0.00	63.00 4.13 0.00	56.99 3.96 0.00	54.97 3.94 0.00	38.38 2.65 0.00	32.89 2.01 0.00	33.29 1.89 0.00	32.38 1.69 0.00	36.64 2.24 0.01	38.02 2.66 0.00	56.21 3.21 0.00	54.96 3.56 0.00	125.70 5.86 0.00	70.51 3.92 0.00	55.39 3.29 0.00	46.82 2.81 0.00	48.98 2.72 0.00	39.40 2.11 0.00
NORTHPORT___2 23552	51.44 3.84 0.00	38.69 2.38 0.00	34.57 2.10 0.00	33.93 1.91 0.00	37.41 1.95 0.00	46.62 2.95 0.00	57.37 3.55 0.00	63.00 4.13 0.00	56.99 3.96 0.00	54.97 3.94 0.00	38.38 2.65 0.00	32.89 2.01 0.00	33.29 1.89 0.00	32.38 1.69 0.00	36.64 2.24 0.01	38.02 2.66 0.00	56.21 3.21 0.00	54.96 3.56 0.00	125.70 5.86 0.00	70.51 3.92 0.00	55.39 3.29 0.00	46.82 2.81 0.00	48.98 2.72 0.00	39.40 2.11 0.00
NORTHPORT___3 23553	51.01 3.40 0.00	38.47 2.16 0.00	34.31 1.84 0.00	33.74 1.72 0.00	37.20 1.74 0.00	46.27 2.61 0.00	56.92 3.10 0.00	62.53 3.66 0.00	56.59 3.56 0.00	54.63 3.62 0.00	38.16 2.43 0.00	32.76 1.87 0.00	33.15 1.75 0.00	32.26 1.57 0.00	36.43 2.03 0.01	37.75 2.39 0.00	55.71 2.72 0.00	54.45 3.05 0.00	124.66 4.82 0.00	69.89 3.30 0.00	54.94 2.83 0.00	46.47 2.47 0.00	48.63 2.37 0.00	39.08 1.80 0.00
NORTHPORT___4 23650	51.01 3.40 0.00	38.47 2.16 0.00	34.31 1.84 0.00	33.74 1.72 0.00	37.20 1.74 0.00	46.27 2.61 0.00	56.92 3.10 0.00	62.53 3.66 0.00	56.59 3.56 0.00	54.63 3.62 0.00	38.16 2.43 0.00	32.76 1.87 0.00	33.15 1.75 0.00	32.26 1.57 0.00	36.43 2.03 0.01	37.75 2.39 0.00	55.71 2.72 0.00	54.45 3.05 0.00	124.66 4.82 0.00	69.89 3.30 0.00	54.94 2.83 0.00	46.47 2.47 0.00	48.63 2.37 0.00	39.08 1.80 0.00
NORTHPORT___IC 23718	51.45 3.84 0.00	38.69 2.38 0.00	34.57 2.09 0.00	33.94 1.92 0.00	37.42 1.95 0.00	46.62 2.95 0.00	57.38 3.56 0.00	63.01 4.14 0.00	56.98 3.96 0.00	54.97 3.95 0.00	38.38 2.64 0.00	32.89 2.00 0.00	33.29 1.89 0.00	32.38 1.69 0.00	36.64 2.24 0.01	38.02 2.66 0.00	56.20 3.21 0.00	54.96 3.56 0.00	125.68 5.83 0.00	70.50 3.92 0.00	55.38 3.28 0.00	46.82 2.81 0.00	48.98 2.72 0.00	39.40 2.12 0.00
NORTH___COUNTRY_ESR 323785	-26.36 -1.81 72.16	-25.44 -1.31 60.44	-25.17 -1.19 56.46	-25.13 -1.19 55.96	-25.40 -1.37 59.50	-26.05 -1.58 68.14	-26.81 -1.73 78.89	-27.30 -1.86 84.32	-26.96 -1.69 78.29	-26.46 -1.79 75.68	-25.43 -1.16 60.00	-25.06 -1.02 54.93	-25.09 -1.03 55.46	-25.03 -1.02 54.71	-25.30 -1.13 58.57	-25.39 -1.40 59.35	-26.26 -1.49 77.77	-26.67 -1.86 76.22	-31.85 -2.94 148.75	-27.78 -2.20 92.16	12.28 -1.73 38.09	42.83 -1.18 0.00	45.63 -0.63 0.00	37.08 -0.21 0.00
NPX_GEN_1385_PROXY 323591	52.13 4.52 0.00	38.60 2.28 0.00	34.65 2.17 0.00	33.79 1.77 0.00	36.91 1.44 0.00	46.60 2.93 0.00	57.33 3.51 0.00	63.05 4.18 0.00	57.03 4.01 0.00	54.42 3.41 0.00	37.81 2.07 0.00	32.27 1.38 0.00	32.77 1.37 0.00	31.32 0.93 0.30	36.30 1.90 0.01	37.73 2.37 0.00	55.75 2.76 0.00	54.73 3.32 0.00	124.32 4.48 0.00	69.76 3.18 0.00	54.77 2.67 0.00	46.31 2.31 0.00	48.60 2.34 0.00	39.40 2.11 0.00
NPX_GEN_CSC 323557	51.54 3.94 0.00	38.77 2.45 0.00	34.60 2.12 0.00	34.00 1.97 0.00	37.51 2.05 0.00	46.76 3.09 0.00	57.59 3.77 0.00	63.32 4.45 0.00	57.29 4.26 0.00	55.21 4.19 0.00	38.55 2.82 0.00	32.98 2.09 0.00	33.18 1.78 0.00	31.99 1.60 0.30	36.63 2.22 0.01	38.17 2.81 0.00	56.79 3.80 0.00	55.72 4.31 0.00	127.39 7.55 0.00	71.48 4.89 0.00	56.30 4.20 0.00	47.61 3.60 0.00	49.75 3.49 0.00	39.80 2.51 0.00
NSINS_S___GLNS_FALLS 23858	49.64 2.03 0.00	37.66 1.35 0.00	33.63 1.15 0.00	33.23 1.21 0.00	36.76 1.30 0.00	45.48 1.82 0.00	56.34 2.52 0.00	61.98 3.11 0.00	55.71 2.69 0.00	53.37 2.35 0.00	36.82 1.09 0.00	31.72 0.83 0.00	32.25 0.85 0.00	31.68 0.99 0.00	35.68 1.27 0.00	37.19 1.83 0.00	55.90 2.92 0.00	54.53 3.12 0.00	126.03 6.19 0.00	69.91 3.33 0.00	54.57 2.47 0.00	45.86 1.86 0.00	47.82 1.56 0.00	38.40 1.12 0.00
NUCOR_STEEL___DRP 24197	46.85 -0.76 0.00	35.72 -0.59 0.00	31.98 -0.50 0.00	31.49 -0.54 0.00	34.96 -0.50 0.00	42.96 -0.70 0.00	53.33 -0.49 0.00	58.27 -0.60 0.00	52.43 -0.60 0.00	50.34 -0.67 0.00	35.36 -0.37 0.00	30.55 -0.34 0.00	31.15 -0.25 0.00	30.44 -0.25 0.00	34.17 -0.23 0.00	35.13 -0.23 0.00	52.37 -0.62 0.00	51.10 -0.31 0.00	119.38 -0.47 0.00	66.19 -0.40 0.00	51.91 -0.19 0.00	43.89 -0.11 0.00	46.15 -0.10 0.00	37.03 -0.25 0.00
NUMBER_THREE_WT_PWR 323818	58.88 -2.04 -13.32	45.84 -1.62 -11.15	41.55 -1.34 -10.42	41.01 -1.34 -10.33	44.79 -1.65 -10.98	54.55 -1.69 -12.58	67.55 -0.83 -14.56	73.04 -1.39 -15.56	66.01 -1.36 -14.34	63.25 -1.42 -13.65	45.75 -1.05 -11.07	40.11 -0.92 -10.14	40.62 -1.01 -10.24	40.03 -0.76 -10.10	44.77 -0.44 -10.81	46.24 -0.08 -10.96	66.76 -0.58 -14.35	64.53 -0.95 -14.06	147.30 0.00 -27.45	83.18 -0.41 -17.01	58.90 -0.24 -7.03	43.63 -0.38 0.00	46.56 0.29 0.00	37.23 -0.05 0.00
NYISO_LBMP_REFERENCE 24008	47.61 0.00 0.00	36.31 0.00 0.00	32.48 0.00 0.00	32.02 0.00 0.00	35.47 0.00 0.00	43.67 0.00 0.00	53.82 0.00 0.00	58.87 0.00 0.00	53.03 0.00 0.00	51.02 0.00 0.00	35.73 0.00 0.00	30.89 0.00 0.00	31.40 0.00 0.00	30.69 0.00 0.00	34.41 0.00 0.00	35.36 0.00 0.00	52.99 0.00 0.00	51.41 0.00 0.00	119.84 0.00 0.00	66.58 0.00 0.00	52.10 0.00 0.00	44.00 0.00 0.00	46.26 0.00 0.00	37.29 0.00 0.00

NYPA_BRENTWD____GT 24164	51.79 4.18 0.00	38.98 2.67 0.00	34.80 2.33 0.00	34.19 2.17 0.00	37.72 2.26 0.00	47.00 3.34 0.00	57.90 4.08 0.00	63.50 4.63 0.00	57.38 4.35 0.00	55.51 4.49 0.00	38.79 3.06 0.00	33.22 2.34 0.00	33.57 2.17 0.00	32.68 1.99 0.00	36.97 2.57 0.00	38.41 3.06 0.00	56.93 3.94 0.00	55.73 4.32 0.00	127.58 7.74 0.00	71.53 4.95 0.00	56.17 4.07 0.00	47.44 3.44 0.00	49.57 3.31 0.00	39.80 2.52 0.00
NYPA_GOWANUS____GT5 24156	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
NYPA_GOWANUS____GT6 24157	50.76 3.16 0.00	38.64 2.33 0.00	34.41 1.93 0.00	33.94 1.92 0.00	37.48 2.01 0.00	46.35 2.68 0.00	57.18 3.36 0.00	62.45 3.57 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.62 2.89 0.00	33.38 2.49 0.00	33.71 2.32 0.00	32.86 2.17 0.00	36.70 2.30 0.00	38.08 2.72 0.00	56.10 3.11 0.00	54.55 3.14 0.00	125.61 5.77 0.00	70.06 3.48 0.00	54.99 2.88 0.00	46.53 2.53 0.00	48.51 2.24 0.00	39.08 1.79 0.00
NYPA_HARLEM__RVR__GT1 24160	50.58 2.97 0.00	38.45 2.14 0.00	34.26 1.79 0.00	33.81 1.79 0.00	37.22 1.76 0.00	46.06 2.39 0.00	56.92 3.10 0.00	62.31 3.44 0.00	56.37 3.35 0.00	54.58 3.56 0.00	38.43 2.70 0.00	33.23 2.34 0.00	33.51 2.11 0.00	32.67 1.98 0.00	36.49 2.08 0.00	37.87 2.52 0.00	55.87 2.89 0.00	54.42 3.01 0.00	125.49 5.65 0.00	69.97 3.39 0.00	54.84 2.73 0.00	46.31 2.30 0.00	48.31 2.05 0.00	38.95 1.67 0.00
NYPA_HARLEM__RVR__GT2 24161	50.58 2.97 0.00	38.45 2.14 0.00	34.26 1.79 0.00	33.81 1.79 0.00	37.22 1.76 0.00	46.06 2.39 0.00	56.92 3.10 0.00	62.31 3.44 0.00	56.37 3.35 0.00	54.58 3.56 0.00	38.43 2.70 0.00	33.23 2.34 0.00	33.51 2.11 0.00	32.67 1.98 0.00	36.49 2.08 0.00	37.87 2.52 0.00	55.87 2.89 0.00	54.42 3.01 0.00	125.49 5.65 0.00	69.97 3.39 0.00	54.84 2.73 0.00	46.31 2.30 0.00	48.31 2.05 0.00	38.95 1.67 0.00
NYPA_KENT____GT 24152	50.73 3.12 0.00	38.59 2.28 0.00	34.38 1.90 0.00	33.91 1.88 0.00	37.44 1.98 0.00	46.31 2.65 0.00	57.14 3.32 0.00	62.45 3.58 0.00	56.48 3.46 0.00	54.76 3.75 0.00	38.58 2.85 0.00	33.36 2.47 0.00	33.70 2.30 0.00	32.84 2.15 0.00	36.67 2.27 0.00	38.04 2.69 0.00	56.06 3.07 0.00	54.50 3.10 0.00	125.55 5.71 0.00	70.05 3.47 0.00	54.98 2.88 0.00	46.49 2.48 0.00	48.47 2.21 0.00	39.03 1.75 0.00
NYPA_POUCH1____GT 24155	50.78 3.17 0.00	38.67 2.36 0.00	34.44 1.96 0.00	33.96 1.94 0.00	37.51 2.04 0.00	46.38 2.71 0.00	57.16 3.34 0.00	62.33 3.45 0.00	56.33 3.30 0.00	54.66 3.64 0.00	38.62 2.89 0.00	33.37 2.48 0.00	33.70 2.30 0.00	32.84 2.15 0.00	36.69 2.29 0.00	38.08 2.72 0.00	56.05 3.06 0.00	54.43 3.03 0.00	125.32 5.48 0.00	69.89 3.31 0.00	54.87 2.77 0.00	46.53 2.52 0.00	48.50 2.23 0.00	39.09 1.80 0.00
NYPA_VERNON____GT2 24162	50.66 3.05 0.00	38.53 2.22 0.00	34.32 1.85 0.00	33.85 1.83 0.00	37.39 1.92 0.00	46.25 2.58 0.00	57.06 3.24 0.00	62.44 3.56 0.00	56.48 3.46 0.00	54.75 3.74 0.00	38.52 2.79 0.00	33.33 2.44 0.00	33.66 2.26 0.00	32.81 2.12 0.00	36.63 2.22 0.00	37.98 2.62 0.00	56.00 3.02 0.00	54.49 3.08 0.00	125.50 5.66 0.00	70.00 3.42 0.00	54.96 2.86 0.00	46.40 2.40 0.00	48.40 2.14 0.00	38.98 1.69 0.00
NYPA_VERNON____GT3 24163	50.66 3.05 0.00	38.53 2.22 0.00	34.32 1.85 0.00	33.85 1.83 0.00	37.39 1.92 0.00	46.25 2.58 0.00	57.06 3.24 0.00	62.44 3.56 0.00	56.48 3.46 0.00	54.75 3.74 0.00	38.52 2.79 0.00	33.33 2.44 0.00	33.66 2.26 0.00	32.81 2.12 0.00	36.63 2.22 0.00	37.98 2.62 0.00	56.00 3.02 0.00	54.49 3.08 0.00	125.50 5.66 0.00	70.00 3.42 0.00	54.96 2.86 0.00	46.40 2.40 0.00	48.40 2.14 0.00	38.98 1.69 0.00
NYPA__ASTORIA_CC1 323568	50.59 2.98 0.00	38.47 2.16 0.00	34.28 1.80 0.00	33.81 1.79 0.00	37.32 1.86 0.00	46.16 2.50 0.00	56.97 3.15 0.00	62.32 3.45 0.00	56.38 3.35 0.00	54.66 3.64 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.75 2.06 0.00	36.55 2.15 0.00	37.90 2.54 0.00	55.89 2.90 0.00	54.39 2.98 0.00	125.26 5.42 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
NYPA__ASTORIA_CC2 323569	50.61 3.00 0.00	38.48 2.17 0.00	34.28 1.80 0.00	33.82 1.80 0.00	37.33 1.87 0.00	46.17 2.51 0.00	56.98 3.16 0.00	62.33 3.46 0.00	56.38 3.36 0.00	54.67 3.65 0.00	38.44 2.71 0.00	33.27 2.38 0.00	33.60 2.20 0.00	32.76 2.06 0.00	36.55 2.15 0.00	37.90 2.54 0.00	55.89 2.90 0.00	54.39 2.98 0.00	125.25 5.41 0.00	69.87 3.29 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
NYPA__HOLTSVILL 23794	51.44 3.84 0.00	38.72 2.41 0.00	34.56 2.09 0.00	33.96 1.94 0.00	37.48 2.01 0.00	46.67 3.00 0.00	57.47 3.65 0.00	63.13 4.26 0.00	57.09 4.07 0.00	55.05 4.03 0.00	38.46 2.73 0.00	32.94 2.06 0.00	33.24 1.84 0.00	32.35 1.66 0.00	36.62 2.22 0.01	38.08 2.73 0.00	56.45 3.46 0.00	55.27 3.87 0.00	126.47 6.63 0.00	70.92 4.34 0.00	55.76 3.65 0.00	47.12 3.11 0.00	49.25 2.98 0.00	39.51 2.22 0.00
NYPA__HELLGATE_GT1 24158	50.58 2.97 0.00	38.45 2.14 0.00	34.26 1.79 0.00	33.81 1.79 0.00	37.22 1.76 0.00	46.06 2.39 0.00	56.92 3.10 0.00	62.31 3.44 0.00	56.37 3.35 0.00	54.58 3.56 0.00	38.43 2.70 0.00	33.23 2.34 0.00	33.51 2.11 0.00	32.67 1.98 0.00	36.49 2.08 0.00	37.87 2.52 0.00	55.87 2.89 0.00	54.42 3.01 0.00	125.49 5.65 0.00	69.97 3.39 0.00	54.84 2.73 0.00	46.31 2.30 0.00	48.31 2.05 0.00	38.95 1.67 0.00
NYPA__HELLGATE_GT2 24159	50.58 2.97 0.00	38.45 2.14 0.00	34.26 1.79 0.00	33.81 1.79 0.00	37.22 1.76 0.00	46.06 2.39 0.00	56.92 3.10 0.00	62.31 3.44 0.00	56.37 3.35 0.00	54.58 3.56 0.00	38.43 2.70 0.00	33.23 2.34 0.00	33.51 2.11 0.00	32.67 1.98 0.00	36.49 2.08 0.00	37.87 2.52 0.00	55.87 2.89 0.00	54.42 3.01 0.00	125.49 5.65 0.00	69.97 3.39 0.00	54.84 2.73 0.00	46.31 2.30 0.00	48.31 2.05 0.00	38.95 1.67 0.00
NYS_BARGE__HYD 23848	43.08 -4.53 0.00	32.91 -3.40 0.00	29.38 -2.98 0.11	28.88 -3.11 0.02	32.29 -3.18 0.00	40.02 -3.65 0.00	49.56 -4.24 0.02	49.46 -5.27 4.15	44.41 -4.46 4.15	39.80 -4.40 6.83	32.85 -2.88 0.00	28.41 -2.47 0.00	29.20 -2.20 0.00	28.48 -2.21 0.00	32.33 -2.08 0.00	33.41 -1.95 0.00	48.84 -4.14 0.00	47.81 -3.60 0.00	111.03 -8.81 0.00	61.84 -4.75 0.00	48.60 -3.50 0.00	41.68 -2.33 0.00	44.48 -1.78 0.00	36.21 -1.07 0.00

OAK ORCHARD___HYD 24046	44.94 -2.67 0.00	34.29 -2.02 0.00	30.68 -1.79 0.00	30.16 -1.86 0.00	33.59 -1.88 0.00	41.55 -2.11 0.00	51.50 -2.32 0.00	55.90 -2.97 0.00	50.48 -2.54 0.00	48.36 -2.66 0.00	34.14 -1.60 0.00	29.54 -1.36 0.00	30.23 -1.17 0.00	29.50 -1.19 0.00	33.34 -1.06 0.00	34.45 -0.91 0.00	50.89 -2.10 0.00	49.63 -1.77 0.00	115.37 -4.47 0.00	64.17 -2.42 0.00	50.25 -1.85 0.00	42.73 -1.27 0.00	45.19 -1.08 0.00	36.57 -0.71 0.00
OAKDALE___35_KV_LOAD 356122	47.14 -0.47 0.00	35.86 -0.45 0.00	32.15 -0.35 -0.02	31.57 -0.46 0.00	35.10 -0.37 0.00	43.25 -0.41 0.00	53.40 -0.43 0.00	59.49 -0.25 -0.86	53.46 -0.41 -0.85	52.05 -0.37 -1.40	35.51 -0.22 0.00	30.62 -0.27 0.00	31.24 -0.16 0.00	30.47 -0.22 0.00	34.15 -0.25 0.00	35.39 0.03 0.00	52.60 -0.39 0.00	51.45 0.04 0.00	119.72 -0.12 0.00	66.60 0.02 0.00	52.15 0.05 0.00	44.04 0.04 0.00	46.36 0.10 0.00	37.29 0.00 0.00
OCC_CHEM___DRP 24175	42.22 -5.38 0.00	32.29 -4.02 0.00	28.82 -3.53 0.12	28.36 -3.63 0.03	31.68 -3.78 0.00	39.20 -4.47 0.00	48.48 -5.31 0.03	47.59 -6.71 4.57	42.62 -5.83 4.58	37.57 -5.92 7.52	32.05 -3.69 0.00	27.74 -3.15 0.00	28.51 -2.89 0.00	27.81 -2.88 0.00	31.57 -2.84 0.00	32.61 -2.75 0.00	47.54 -5.45 0.00	46.48 -4.93 0.00	107.95 -11.89 0.00	60.11 -6.48 0.00	47.26 -4.84 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.46 -1.83 0.00
OH_GEN_PROXY 24063	42.69 -4.92 0.00	32.63 -3.68 0.00	29.14 -3.24 0.10	28.64 -3.36 0.02	32.02 -3.45 0.00	39.62 -4.05 0.00	48.98 -4.82 0.02	48.85 -6.09 3.93	43.80 -5.29 3.93	39.20 -5.35 6.47	32.37 -3.36 0.00	28.00 -2.90 0.00	28.79 -2.61 0.00	27.75 -2.65 0.30	31.83 -2.57 0.00	32.89 -2.47 0.00	48.07 -4.92 0.00	46.96 -4.44 0.00	109.13 -10.71 0.00	60.81 -5.77 0.00	47.80 -4.31 0.00	40.95 -3.05 0.00	43.71 -2.55 0.00	35.61 -1.68 0.00
OLIN_CORP_DRP 24177	42.09 -5.52 0.00	32.18 -4.13 0.00	28.73 -3.62 0.12	28.29 -3.71 0.03	31.58 -3.89 0.00	39.08 -4.59 0.00	48.36 -5.44 0.03	47.57 -6.60 4.70	42.66 -5.66 4.71	37.79 -5.49 7.74	31.99 -3.74 0.00	27.68 -3.21 0.00	28.45 -2.95 0.00	27.75 -2.94 0.00	31.50 -2.91 0.00	32.55 -2.81 0.00	47.45 -5.53 0.00	46.43 -4.98 0.00	107.84 -12.00 0.00	60.05 -6.54 0.00	47.22 -4.88 0.00	40.56 -3.44 0.00	43.40 -2.86 0.00	35.43 -1.85 0.00
OLIN_CORP_DSASP 323712	42.20 -5.41 0.00	32.28 -4.03 0.00	28.81 -3.55 0.12	28.35 -3.65 0.03	31.68 -3.79 0.00	39.22 -4.45 0.00	48.48 -5.32 0.03	47.60 -6.70 4.57	42.67 -5.78 4.58	37.63 -5.87 7.52	32.05 -3.68 0.00	27.74 -3.16 0.00	28.51 -2.88 0.00	27.79 -2.90 0.00	31.56 -2.85 0.00	32.59 -2.77 0.00	47.52 -5.47 0.00	46.45 -4.96 0.00	107.93 -11.91 0.00	60.09 -6.49 0.00	47.26 -4.85 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.45 -1.83 0.00
ONEIDA_HERK_LFGE 323681	53.58 -0.13 -6.11	41.26 -0.17 -5.12	37.17 -0.09 -4.78	36.65 -0.11 -4.74	40.33 -0.17 -5.04	49.41 -0.02 -5.77	61.11 0.61 -6.68	66.53 0.52 -7.14	60.06 0.44 -6.60	57.69 0.36 -6.31	41.04 0.23 -5.08	35.71 0.17 -4.65	36.22 0.13 -4.70	35.54 0.22 -4.63	39.82 0.46 -4.96	41.10 0.72 -5.02	60.37 0.80 -6.58	58.55 0.69 -6.45	134.75 2.32 -12.59	75.47 1.09 -7.80	56.20 0.87 -3.23	44.64 0.63 0.00	47.16 0.89 0.00	37.83 0.54 0.00
ONEIDA___115KV_TB4 55905	50.88 0.69 -2.58	38.98 0.50 -2.16	34.98 0.48 -2.02	34.46 0.44 -2.00	38.15 0.56 -2.13	46.92 0.82 -2.43	58.06 1.42 -2.82	63.47 1.59 -3.02	57.26 1.45 -2.78	55.06 1.38 -2.67	38.80 0.92 -2.15	33.61 0.75 -1.97	34.10 0.72 -1.98	33.42 0.78 -1.96	37.47 0.97 -2.09	38.70 1.22 -2.12	57.32 1.55 -2.78	55.62 1.49 -2.72	128.49 3.33 -5.31	71.68 1.80 -3.29	54.89 1.43 -1.36	45.12 1.12 0.00	47.41 1.15 0.00	38.11 0.83 0.00
ONONDAGA_REF_OCCRA 23987	46.84 -0.77 0.00	35.65 -0.66 0.00	31.91 -0.56 0.00	31.43 -0.59 0.00	34.86 -0.60 0.00	43.01 -0.65 0.00	53.17 -0.65 0.00	58.21 -0.66 0.00	52.39 -0.63 0.00	50.37 -0.65 0.00	35.30 -0.43 0.00	30.54 -0.35 0.00	31.08 -0.32 0.00	30.38 -0.31 0.00	34.08 -0.32 0.00	35.18 -0.18 0.00	52.44 -0.55 0.00	51.11 -0.30 0.00	118.94 -0.90 0.00	66.10 -0.48 0.00	51.72 -0.38 0.00	43.66 -0.34 0.00	45.88 -0.38 0.00	36.93 -0.35 0.00
ONONDAGA___COGEN 23986	46.64 -0.97 0.00	35.52 -0.79 0.00	31.79 -0.69 0.00	31.34 -0.69 0.00	34.75 -0.72 0.00	42.84 -0.83 0.00	52.98 -0.85 0.00	57.96 -0.91 0.00	52.16 -0.87 0.00	50.12 -0.90 0.00	35.16 -0.57 0.00	30.42 -0.47 0.00	30.96 -0.44 0.00	30.27 -0.42 0.00	33.94 -0.46 0.00	35.02 -0.33 0.00	52.22 -0.77 0.00	50.86 -0.54 0.00	118.43 -1.41 0.00	65.79 -0.79 0.00	51.48 -0.62 0.00	43.49 -0.52 0.00	45.70 -0.56 0.00	36.78 -0.51 0.00
ONTARIO___LFGE 23819	45.94 -1.67 0.00	35.00 -1.32 0.00	31.43 -1.13 -0.08	30.76 -1.28 -0.02	34.26 -1.21 0.00	42.37 -1.30 0.00	52.43 -1.41 -0.02	60.38 -1.47 -2.98	54.51 -1.49 -2.98	54.41 -1.51 -4.90	34.98 -0.75 0.00	30.09 -0.80 0.00	30.81 -0.58 0.00	30.07 -0.62 0.00	33.86 -0.54 0.00	35.14 -0.22 0.00	51.94 -1.06 0.00	50.90 -0.51 0.00	118.40 -1.44 0.00	65.97 -0.62 0.00	51.69 -0.41 0.00	43.87 -0.14 0.00	46.19 -0.07 0.00	37.27 -0.02 0.00
ORANGEVILLE_WT_PWR 323706	42.65 -4.96 0.00	32.54 -3.77 0.00	28.64 -3.36 0.48	28.36 -3.56 0.10	31.80 -3.67 0.00	39.40 -4.26 0.00	48.77 -4.95 0.10	35.15 -5.69 18.03	29.77 -5.22 18.04	16.34 -5.02 29.66	32.58 -3.16 0.00	28.09 -2.79 0.00	28.87 -2.53 0.00	28.19 -2.50 0.00	31.88 -2.52 0.00	33.13 -2.22 0.00	48.73 -4.25 0.01	48.04 -3.37 0.00	112.05 -7.80 0.00	62.60 -3.98 0.00	49.38 -2.72 0.00	42.26 -1.75 0.00	45.09 -1.17 0.00	36.56 -0.72 0.00
ORANGEVILLE___ESR 323794	42.65 -4.96 0.00	32.54 -3.77 0.00	28.64 -3.36 0.48	28.36 -3.56 0.10	31.80 -3.67 0.00	39.40 -4.26 0.00	48.77 -4.95 0.10	35.15 -5.69 18.03	29.77 -5.22 18.04	16.34 -5.02 29.66	32.58 -3.16 0.00	28.09 -2.79 0.00	28.87 -2.53 0.00	28.19 -2.50 0.00	31.88 -2.52 0.00	33.13 -2.22 0.00	48.73 -4.25 0.01	48.04 -3.37 0.00	112.05 -7.80 0.00	62.60 -3.98 0.00	49.38 -2.72 0.00	42.26 -1.75 0.00	45.09 -1.17 0.00	36.56 -0.72 0.00
OSWEGATCHIE___HYD 24044	76.28 -1.93 -30.61	60.42 -1.53 -25.64	55.11 -1.32 -23.95	54.41 -1.35 -23.74	59.01 -1.70 -25.24	70.85 -1.73 -28.90	86.35 -0.93 -33.46	93.44 -1.20 -35.77	84.79 -1.18 -32.94	81.03 -1.28 -31.29	60.30 -0.89 -25.45	53.29 -0.90 -23.30	53.90 -1.03 -23.52	53.14 -0.76 -23.21	58.64 -0.61 -24.85	60.33 -0.21 -25.18	85.60 -0.38 -32.99	82.70 -1.04 -32.33	183.48 0.54 -63.10	104.14 -1.53 -39.09	67.03 -1.23 -16.16	42.78 -1.23 0.00	46.38 0.11 0.00	37.12 -0.17 0.00
OSWEGO___5 23606	45.90 -1.71 0.00	34.98 -1.33 0.00	31.31 -1.16 0.00	30.87 -1.16 0.00	34.20 -1.27 0.00	42.14 -1.53 0.00	52.04 -1.79 0.00	56.91 -1.96 0.00	51.23 -1.79 0.00	49.25 -1.77 0.00	34.54 -1.19 0.00	29.89 -0.99 0.00	30.42 -0.98 0.00	29.74 -0.95 0.00	33.33 -1.07 0.00	34.36 -1.00 0.00	51.29 -1.70 0.00	49.89 -1.52 0.00	116.13 -3.71 0.00	64.52 -2.07 0.00	50.50 -1.60 0.00	42.68 -1.33 0.00	44.86 -1.40 0.00	36.15 -1.13 0.00

OSWEGO___6 23613	45.90 -1.71 0.00	34.98 -1.33 0.00	31.31 -1.16 0.00	30.87 -1.16 0.00	34.20 -1.27 0.00	42.14 -1.53 0.00	52.04 -1.79 0.00	56.91 -1.96 0.00	51.23 -1.79 0.00	49.25 -1.77 0.00	34.54 -1.19 0.00	29.89 -0.99 0.00	30.42 -0.98 0.00	29.74 -0.95 0.00	33.33 -1.07 0.00	34.36 -1.00 0.00	51.29 -1.70 0.00	49.89 -1.52 0.00	116.13 -3.71 0.00	64.52 -2.07 0.00	50.50 -1.60 0.00	42.68 -1.33 0.00	44.86 -1.40 0.00	36.15 -1.13 0.00
OUTOKUMPU-AB___DRP 24206	43.28 -4.33 0.00	33.08 -3.23 0.00	29.50 -2.84 0.13	29.03 -2.97 0.03	32.44 -3.03 0.00	40.15 -3.51 0.00	49.73 -4.06 0.03	48.84 -5.17 4.86	43.75 -4.41 4.86	38.56 -4.47 8.00	33.02 -2.71 0.00	28.56 -2.34 0.00	29.33 -2.07 0.00	28.65 -2.05 0.00	32.50 -1.90 0.00	33.59 -1.77 0.00	49.07 -3.92 0.00	48.08 -3.33 0.00	111.62 -8.22 0.00	62.20 -4.38 0.00	48.88 -3.22 0.00	41.92 -2.09 0.00	44.76 -1.50 0.00	36.45 -0.84 0.00
OXBOW___BTM 323836	42.82 -4.79 0.00	32.74 -3.57 0.00	29.22 -3.14 0.12	28.73 -3.27 0.03	32.12 -3.35 0.00	39.77 -3.90 0.00	49.21 -4.58 0.03	48.35 -5.80 4.72	43.33 -4.97 4.72	38.23 -5.02 7.76	32.62 -3.11 0.00	28.22 -2.67 0.00	28.99 -2.41 0.00	28.27 -2.42 0.00	32.10 -2.30 0.00	33.16 -2.20 0.00	48.42 -4.57 0.00	47.38 -4.02 0.00	110.06 -9.78 0.00	61.29 -5.29 0.00	48.20 -3.91 0.00	41.36 -2.64 0.00	44.20 -2.06 0.00	36.03 -1.25 0.00
OXBOW____ 24026	42.84 -4.77 0.00	32.74 -3.57 0.00	29.22 -3.13 0.12	28.75 -3.25 0.03	32.12 -3.35 0.00	39.76 -3.90 0.00	49.21 -4.58 0.03	48.33 -5.82 4.72	43.32 -4.99 4.72	38.18 -5.08 7.76	32.62 -3.11 0.00	28.22 -2.67 0.00	28.99 -2.40 0.00	28.29 -2.40 0.00	32.12 -2.29 0.00	33.19 -2.17 0.00	48.43 -4.55 0.00	47.41 -3.99 0.00	110.09 -9.75 0.00	61.32 -5.26 0.00	48.20 -3.90 0.00	41.36 -2.64 0.00	44.20 -2.06 0.00	36.03 -1.26 0.00
OXY_CHEM_DSASP 323612	42.22 -5.38 0.00	32.29 -4.02 0.00	28.82 -3.53 0.12	28.36 -3.63 0.03	31.68 -3.78 0.00	39.20 -4.47 0.00	48.48 -5.31 0.03	47.59 -6.71 4.57	42.62 -5.83 4.58	37.57 -5.92 7.52	32.05 -3.69 0.00	27.74 -3.15 0.00	28.51 -2.89 0.00	27.81 -2.88 0.00	31.57 -2.84 0.00	32.61 -2.75 0.00	47.54 -5.45 0.00	46.48 -4.93 0.00	107.95 -11.89 0.00	60.11 -6.48 0.00	47.26 -4.84 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.46 -1.83 0.00
OZONE_PARK_ESR 323760	50.97 3.36 0.00	38.74 2.43 0.00	34.52 2.04 0.00	34.05 2.02 0.00	37.62 2.16 0.00	46.51 2.85 0.00	57.43 3.61 0.00	62.87 4.00 0.00	56.88 3.85 0.00	55.13 4.10 0.00	38.76 3.03 0.00	33.52 2.63 0.00	33.88 2.48 0.00	33.02 2.33 0.00	36.87 2.46 0.00	38.25 2.90 0.00	56.50 3.51 0.00	54.98 3.58 0.00	126.61 6.77 0.00	70.63 4.05 0.00	55.42 3.32 0.00	46.77 2.76 0.00	48.77 2.51 0.00	39.23 1.95 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	42.22 -5.38 0.00	32.29 -4.02 0.00	28.82 -3.53 0.12	28.36 -3.63 0.03	31.68 -3.78 0.00	39.20 -4.47 0.00	48.48 -5.31 0.03	47.59 -6.71 4.57	42.62 -5.83 4.58	37.57 -5.92 7.52	32.05 -3.69 0.00	27.74 -3.15 0.00	28.51 -2.89 0.00	27.81 -2.88 0.00	31.57 -2.84 0.00	32.61 -2.75 0.00	47.54 -5.45 0.00	46.48 -4.93 0.00	107.95 -11.89 0.00	60.11 -6.48 0.00	47.26 -4.84 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.46 -1.83 0.00
PACKARD__115KV_DUPONT_184 80571	42.22 -5.38 0.00	32.29 -4.02 0.00	28.82 -3.53 0.12	28.36 -3.63 0.03	31.68 -3.78 0.00	39.20 -4.47 0.00	48.48 -5.31 0.03	47.59 -6.71 4.57	42.62 -5.83 4.58	37.57 -5.92 7.52	32.05 -3.69 0.00	27.74 -3.15 0.00	28.51 -2.89 0.00	27.81 -2.88 0.00	31.57 -2.84 0.00	32.61 -2.75 0.00	47.54 -5.45 0.00	46.48 -4.93 0.00	107.95 -11.89 0.00	60.11 -6.48 0.00	47.26 -4.84 0.00	40.59 -3.42 0.00	43.43 -2.83 0.00	35.46 -1.83 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	50.62 3.01 0.00	38.46 2.15 0.00	34.28 1.80 0.00	33.82 1.80 0.00	37.27 1.80 0.00	46.13 2.46 0.00	56.98 3.16 0.00	62.37 3.49 0.00	56.40 3.38 0.00	54.64 3.62 0.00	38.43 2.70 0.00	33.22 2.34 0.00	33.52 2.12 0.00	32.68 1.99 0.00	36.50 2.10 0.00	37.89 2.53 0.00	55.94 2.95 0.00	54.48 3.08 0.00	125.62 5.78 0.00	70.03 3.45 0.00	54.89 2.79 0.00	46.35 2.34 0.00	48.35 2.09 0.00	38.97 1.69 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	50.71 3.11 0.00	38.55 2.24 0.00	34.37 1.89 0.00	33.91 1.89 0.00	37.37 1.91 0.00	46.27 2.61 0.00	57.16 3.34 0.00	62.58 3.71 0.00	56.54 3.51 0.00	54.74 3.72 0.00	38.47 2.74 0.00	33.26 2.37 0.00	33.53 2.13 0.00	32.69 2.00 0.00	36.51 2.10 0.00	37.90 2.54 0.00	56.00 3.01 0.00	54.58 3.17 0.00	125.91 6.07 0.00	70.19 3.60 0.00	54.95 2.85 0.00	46.37 2.37 0.00	48.43 2.16 0.00	39.05 1.76 0.00
PATROON__115KV_TB1 80586	49.74 2.13 0.00	37.90 1.59 0.00	33.87 1.40 0.00	33.42 1.40 0.00	36.98 1.52 0.00	45.42 1.75 0.00	55.60 1.78 0.00	60.77 1.90 0.00	54.74 1.72 0.00	52.61 1.59 0.00	36.56 0.83 0.00	31.62 0.73 0.00	32.06 0.67 0.00	31.38 0.69 0.00	35.15 0.74 0.00	36.44 1.08 0.00	54.53 1.54 0.00	53.09 1.68 0.00	122.92 3.08 0.00	68.25 1.67 0.00	53.30 1.19 0.00	44.89 0.88 0.00	47.03 0.77 0.00	37.83 0.55 0.00
PATTRSNVILLE___SOLAR 323815	49.28 1.68 0.00	37.51 1.20 0.00	33.55 1.07 0.00	33.08 1.06 0.00	36.64 1.17 0.00	45.10 1.43 0.00	55.75 1.93 0.00	61.06 2.19 0.00	54.82 1.79 0.00	52.54 1.52 0.00	36.79 1.06 0.00	31.69 0.80 0.00	32.27 0.87 0.00	31.61 0.92 0.00	35.44 1.04 0.00	36.62 1.27 0.00	54.90 1.91 0.00	53.45 2.04 0.00	124.12 4.27 0.00	68.95 2.37 0.00	53.95 1.85 0.00	45.50 1.50 0.00	47.72 1.45 0.00	38.40 1.12 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	44.06 -3.55 0.00	33.66 -2.64 0.00	30.02 -2.32 0.14	29.50 -2.50 0.03	32.99 -2.47 0.00	40.85 -2.81 0.00	50.60 -3.19 0.03	49.60 -4.13 5.14	44.31 -3.57 5.15	39.02 -3.53 8.47	33.60 -2.13 0.00	29.06 -1.83 0.00	29.83 -1.57 0.00	29.18 -1.51 0.00	33.00 -1.40 0.00	34.16 -1.20 0.00	50.00 -2.99 0.00	48.96 -2.44 0.00	113.71 -6.13 0.00	63.41 -3.17 0.00	49.83 -2.28 0.00	42.66 -1.34 0.00	45.53 -0.73 0.00	36.91 -0.37 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	50.93 3.32 0.00	38.71 2.40 0.00	34.52 2.04 0.00	34.03 2.00 0.00	37.65 2.18 0.00	46.53 2.86 0.00	57.46 3.64 0.00	62.99 4.12 0.00	56.91 3.89 0.00	55.01 3.99 0.00	38.54 2.81 0.00	33.22 2.33 0.00	33.58 2.18 0.00	32.78 2.09 0.00	36.64 2.23 0.00	38.02 2.66 0.00	56.43 3.44 0.00	55.02 3.61 0.00	127.01 7.17 0.00	70.77 4.18 0.00	55.44 3.34 0.00	46.71 2.70 0.00	48.76 2.50 0.00	39.19 1.91 0.00
PEEKSKILL____ 23653	50.23 2.62 0.00	38.19 1.88 0.00	34.06 1.58 0.00	33.59 1.56 0.00	37.15 1.68 0.00	45.89 2.23 0.00	56.60 2.77 0.00	62.01 3.13 0.00	56.02 2.99 0.00	54.17 3.15 0.00	38.00 2.27 0.00	32.80 1.91 0.00	33.18 1.78 0.00	32.36 1.67 0.00	36.19 1.78 0.00	37.55 2.19 0.00	55.60 2.61 0.00	54.16 2.75 0.00	124.89 5.04 0.00	69.63 3.05 0.00	54.60 2.50 0.00	46.02 2.02 0.00	48.08 1.82 0.00	38.70 1.42 0.00

PGE MADISON___WINDPWR 24146	49.27 1.67 0.00	37.41 1.10 0.00	33.55 1.07 0.00	33.06 1.04 0.00	36.94 1.48 0.00	45.73 2.06 0.00	57.70 3.88 0.00	67.45 8.58 0.00	59.66 6.63 0.00	57.31 6.29 0.00	39.20 3.47 0.00	33.80 2.91 0.00	34.21 2.82 0.00	33.22 2.53 0.00	37.29 2.88 0.00	39.25 3.90 0.00	58.44 5.45 0.00	55.25 3.84 0.00	129.43 9.58 0.00	72.17 5.58 0.00	56.68 4.57 0.00	47.80 3.80 0.00	50.17 3.91 0.00	40.04 2.76 0.00
PIERCEFIELD___HYD 23852	91.56 -1.15 -45.10	73.17 -0.91 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.21 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.17 -52.70	101.30 -0.26 -48.53	96.69 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.48 -0.58 -34.66	64.58 -0.30 -34.19	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.11 0.52 -48.61	98.60 -0.45 -47.64	215.45 2.65 -92.97	122.56 -1.62 -57.60	74.50 -1.42 -23.81	42.67 -1.33 0.00	46.97 0.71 0.00	37.66 0.38 0.00
PINELAWN_CC_1 323563	51.42 3.81 0.00	38.77 2.45 0.00	34.60 2.12 0.00	34.01 1.98 0.00	37.54 2.08 0.00	46.70 3.04 0.00	57.49 3.67 0.00	63.14 4.27 0.00	57.14 4.11 0.00	55.18 4.16 0.00	38.56 2.83 0.00	33.07 2.18 0.00	33.40 2.00 0.00	32.52 1.83 0.00	36.76 2.35 0.00	38.16 2.80 0.00	56.54 3.55 0.00	55.33 3.93 0.00	126.68 6.84 0.00	71.09 4.51 0.00	55.81 3.71 0.00	47.12 3.11 0.00	49.24 2.98 0.00	39.52 2.23 0.00
PJM_GEN_HTP_PROXY 323702	47.62 2.94 2.93	38.43 2.12 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.34 1.87 0.00	46.15 2.48 0.00	56.28 3.11 0.65	67.66 3.46 -5.34	56.38 3.35 0.00	55.06 3.61 -0.43	38.40 2.67 0.00	33.20 2.32 0.00	33.57 2.17 0.00	32.73 2.04 0.00	36.54 2.14 0.00	38.45 2.56 -0.54	56.00 3.02 0.00	54.48 3.07 0.00	125.45 5.61 0.00	69.95 3.37 0.00	54.88 2.77 0.00	46.30 2.30 0.00	48.31 2.05 0.00	38.88 1.59 0.00
PJM_GEN_KEystone 24065	44.05 -0.63 2.93	35.79 -0.52 0.00	31.95 -0.49 0.03	30.39 -0.60 1.03	34.96 -0.51 0.00	43.21 -0.45 0.00	53.73 -0.53 -0.44	78.02 -0.83 -19.98	51.18 -0.65 1.20	48.94 -0.55 1.54	35.55 -0.18 0.00	30.70 -0.20 0.00	31.31 -0.09 0.00	30.44 -0.16 0.09	34.25 -0.15 0.00	36.05 0.15 -0.54	52.32 -0.67 0.00	51.03 -0.37 0.00	117.97 -1.87 0.00	65.81 -0.76 0.00	51.66 -0.45 0.00	43.83 -0.17 0.00	46.18 -0.08 0.00	37.26 -0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	47.95 3.28 2.93	38.42 2.12 0.00	34.29 1.82 0.00	33.74 1.71 0.00	37.25 1.78 0.00	46.26 2.59 0.00	56.26 3.09 0.65	67.81 3.60 -5.34	56.52 3.50 0.00	55.07 3.61 -0.43	38.21 2.47 0.00	32.84 1.95 0.00	33.22 1.82 0.00	32.35 1.66 0.00	36.44 2.04 0.01	38.31 2.42 -0.54	55.88 2.89 0.00	54.62 3.22 0.00	125.10 5.26 0.00	70.11 3.53 0.00	55.04 2.93 0.00	46.49 2.48 0.00	48.58 2.32 0.00	39.02 1.74 0.00
PJM_GEN_VFT_PROXY 323633	47.34 2.66 2.93	38.22 1.90 0.00	34.05 1.58 0.00	33.61 1.59 0.00	37.14 1.67 0.00	45.91 2.24 0.00	55.96 2.79 0.65	67.26 3.05 -5.33	55.98 2.96 0.00	54.72 3.27 -0.43	38.21 2.48 0.00	33.04 2.15 0.00	33.39 2.00 0.00	32.55 1.86 0.00	36.33 1.92 0.00	38.23 2.33 -0.54	55.62 2.63 0.00	54.09 2.68 0.00	124.40 4.56 0.00	69.36 2.80 0.02	54.46 2.36 0.00	46.00 1.99 0.00	47.97 1.71 0.00	38.64 1.35 0.00
PLATSBURG_115KV_PMLD1 355749	-21.44 -1.54 67.51	-21.47 -1.23 56.55	-21.44 -1.10 52.83	-21.37 -1.03 52.36	-21.41 -1.21 55.67	-21.46 -1.37 63.75	-21.39 -1.40 73.81	-21.63 -1.62 78.89	-21.80 -1.53 73.29	-21.54 -1.62 70.94	-21.51 -1.10 56.14	-21.46 -0.96 51.39	-21.46 -0.97 51.88	-21.40 -0.91 51.18	-21.41 -1.02 54.80	-21.35 -1.17 55.53	-21.09 -1.32 72.76	-21.45 -1.55 71.31	-21.89 -2.56 139.17	-21.50 -1.85 86.23	15.02 -1.45 35.64	43.16 -0.84 0.00	45.90 -0.36 0.00	37.32 0.03 0.00
PLEASANTVLY___LBMP 24000	50.19 2.58 0.00	38.17 1.86 0.00	34.06 1.58 0.00	33.59 1.56 0.00	37.14 1.68 0.00	45.86 2.19 0.00	56.54 2.72 0.00	61.94 3.07 0.00	55.95 2.93 0.00	54.08 3.06 0.00	37.85 2.12 0.00	32.67 1.78 0.00	33.07 1.67 0.00	32.27 1.58 0.00	36.09 1.68 0.00	37.43 2.07 0.00	55.52 2.53 0.00	54.09 2.68 0.00	124.76 4.92 0.00	69.50 2.92 0.00	54.47 2.36 0.00	45.90 1.90 0.00	47.95 1.69 0.00	38.59 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.43 2.82 0.00	38.35 2.04 0.00	34.19 1.71 0.00	33.72 1.70 0.00	37.28 1.81 0.00	46.07 2.40 0.00	56.82 3.00 0.00	62.25 3.38 0.00	56.27 3.25 0.00	54.43 3.41 0.00	38.15 2.42 0.00	32.94 2.05 0.00	33.32 1.92 0.00	32.50 1.81 0.00	36.34 1.94 0.00	37.70 2.34 0.00	55.84 2.85 0.00	54.39 2.98 0.00	125.41 5.57 0.00	69.90 3.32 0.00	54.81 2.71 0.00	46.20 2.20 0.00	48.25 1.99 0.00	38.82 1.54 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.43 2.82 0.00	38.35 2.04 0.00	34.19 1.71 0.00	33.72 1.70 0.00	37.28 1.81 0.00	46.07 2.40 0.00	56.82 3.00 0.00	62.25 3.38 0.00	56.27 3.25 0.00	54.43 3.41 0.00	38.15 2.42 0.00	32.94 2.05 0.00	33.32 1.92 0.00	32.50 1.81 0.00	36.34 1.94 0.00	37.70 2.34 0.00	55.84 2.85 0.00	54.39 2.98 0.00	125.41 5.57 0.00	69.90 3.32 0.00	54.81 2.71 0.00	46.20 2.20 0.00	48.25 1.99 0.00	38.82 1.54 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	50.76 3.15 0.00	38.60 2.29 0.00	34.42 1.95 0.00	33.94 1.92 0.00	37.54 2.08 0.00	46.40 2.73 0.00	57.25 3.43 0.00	62.77 3.90 0.00	56.73 3.70 0.00	54.80 3.79 0.00	38.34 2.60 0.00	33.04 2.16 0.00	33.41 2.01 0.00	32.59 1.90 0.00	36.48 2.08 0.00	37.91 2.55 0.00	56.33 3.34 0.00	54.96 3.55 0.00	126.88 7.04 0.00	70.65 4.07 0.00	55.34 3.24 0.00	46.61 2.61 0.00	48.66 2.40 0.00	39.11 1.83 0.00
POLETTI___ 23519	50.39 2.78 0.00	38.32 2.01 0.00	34.16 1.68 0.00	33.71 1.68 0.00	37.24 1.78 0.00	46.01 2.35 0.00	56.71 2.89 0.00	62.04 3.17 0.00	56.12 3.10 0.00	54.41 3.39 0.00	38.30 2.56 0.00	33.15 2.27 0.00	33.51 2.11 0.00	32.66 1.97 0.00	36.40 1.99 0.00	37.76 2.40 0.00	55.74 2.76 0.00	54.21 2.81 0.00	124.79 4.95 0.00	69.61 3.03 0.00	54.62 2.52 0.00	46.09 2.09 0.00	48.06 1.80 0.00	38.71 1.43 0.00
POMONA___ESR 323819	50.10 2.49 0.00	38.09 1.79 0.00	33.99 1.51 0.00	33.52 1.50 0.00	37.09 1.63 0.00	45.82 2.15 0.00	56.49 2.67 0.00	61.87 3.00 0.00	55.90 2.87 0.00	54.04 3.02 0.00	37.92 2.19 0.00	32.72 1.84 0.00	33.11 1.71 0.00	32.30 1.61 0.00	36.12 1.72 0.00	37.47 2.11 0.00	55.48 2.50 0.00	54.04 2.64 0.00	124.65 4.81 0.00	69.50 2.92 0.00	54.50 2.40 0.00	45.95 1.95 0.00	48.01 1.75 0.00	38.67 1.39 0.00
PORT_JEFF_3 23555	51.60 4.00 0.00	38.83 2.52 0.00	34.66 2.19 0.00	34.05 2.03 0.00	37.57 2.10 0.00	46.81 3.14 0.00	57.65 3.83 0.00	63.35 4.48 0.00	57.31 4.28 0.00	55.26 4.24 0.00	38.61 2.88 0.00	33.06 2.17 0.00	33.35 1.95 0.00	32.46 1.77 0.00	36.76 2.36 0.01	38.24 2.88 0.00	56.71 3.72 0.00	55.58 4.17 0.00	127.13 7.29 0.00	71.31 4.73 0.00	56.05 3.94 0.00	47.36 3.36 0.00	49.48 3.21 0.00	39.67 2.39 0.00

PORT_JEFF_4 23616	51.60 4.00 0.00	38.83 2.52 0.00	34.66 2.19 0.00	34.05 2.03 0.00	37.57 2.10 0.00	46.81 3.14 0.00	57.65 3.83 0.00	63.35 4.48 0.00	57.31 4.28 0.00	55.26 4.24 0.00	38.61 2.88 0.00	33.06 2.17 0.00	33.35 1.95 0.00	32.46 1.77 0.00	36.76 2.36 0.01	38.24 2.88 0.00	56.71 3.72 0.00	55.58 4.17 0.00	127.13 7.29 0.00	71.31 4.73 0.00	56.05 3.94 0.00	47.36 3.36 0.00	49.48 3.21 0.00	39.67 2.39 0.00
PORT_JEFF_IC 23713	51.64 4.03 0.00	38.84 2.53 0.00	34.67 2.19 0.00	34.06 2.03 0.00	37.57 2.11 0.00	46.82 3.16 0.00	57.68 3.86 0.00	63.39 4.52 0.00	57.35 4.32 0.00	55.31 4.29 0.00	38.62 2.89 0.00	33.07 2.18 0.00	33.36 1.96 0.00	32.47 1.79 0.00	36.77 2.37 0.00	38.26 2.91 0.00	56.76 3.77 0.00	55.64 4.24 0.00	127.29 7.45 0.00	71.39 4.81 0.00	56.11 4.00 0.00	47.41 3.41 0.00	49.54 3.27 0.00	39.70 2.42 0.00
PPL_PILGRIM_ST_GT1 24216	51.79 4.18 0.00	38.98 2.67 0.00	34.80 2.33 0.00	34.19 2.17 0.00	37.72 2.26 0.00	47.00 3.34 0.00	57.90 4.08 0.00	63.50 4.63 0.00	57.38 4.35 0.00	55.51 4.49 0.00	38.79 3.06 0.00	33.22 2.34 0.00	33.57 2.17 0.00	32.68 1.99 0.00	36.97 2.57 0.00	38.41 3.06 0.00	56.93 3.94 0.00	55.73 4.32 0.00	127.58 7.74 0.00	71.53 4.95 0.00	56.17 4.07 0.00	47.44 3.44 0.00	49.57 3.31 0.00	39.80 2.52 0.00
PPL_PILGRIM_ST_GT2 24217	51.79 4.18 0.00	38.98 2.67 0.00	34.80 2.33 0.00	34.19 2.17 0.00	37.72 2.26 0.00	47.00 3.34 0.00	57.90 4.08 0.00	63.50 4.63 0.00	57.38 4.35 0.00	55.51 4.49 0.00	38.79 3.06 0.00	33.22 2.34 0.00	33.57 2.17 0.00	32.68 1.99 0.00	36.97 2.57 0.00	38.41 3.06 0.00	56.93 3.94 0.00	55.73 4.32 0.00	127.58 7.74 0.00	71.53 4.95 0.00	56.17 4.07 0.00	47.44 3.44 0.00	49.57 3.31 0.00	39.80 2.52 0.00
PPL_SHRM_GT3 24213	51.57 3.96 0.00	38.79 2.47 0.00	34.61 2.13 0.00	34.01 1.99 0.00	37.54 2.07 0.00	46.77 3.10 0.00	57.62 3.80 0.00	63.33 4.46 0.00	57.30 4.27 0.00	55.23 4.21 0.00	38.56 2.83 0.00	32.98 2.09 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.62 2.22 0.01	38.17 2.81 0.00	56.78 3.79 0.00	55.71 4.31 0.00	127.39 7.55 0.00	71.46 4.88 0.00	56.29 4.19 0.00	47.60 3.59 0.00	49.74 3.48 0.00	39.81 2.52 0.00
PPL_SHRM_GT4 24214	51.57 3.96 0.00	38.79 2.47 0.00	34.61 2.13 0.00	34.01 1.99 0.00	37.54 2.07 0.00	46.77 3.10 0.00	57.62 3.80 0.00	63.33 4.46 0.00	57.30 4.27 0.00	55.23 4.21 0.00	38.56 2.83 0.00	32.98 2.09 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.62 2.22 0.01	38.17 2.81 0.00	56.78 3.79 0.00	55.71 4.31 0.00	127.39 7.55 0.00	71.46 4.88 0.00	56.29 4.19 0.00	47.60 3.59 0.00	49.74 3.48 0.00	39.81 2.52 0.00
PROJECT___ORANGE 1 24174	46.53 -1.08 0.00	35.44 -0.87 0.00	31.72 -0.76 0.00	31.24 -0.78 0.00	34.65 -0.82 0.00	42.74 -0.93 0.00	52.82 -1.00 0.00	57.80 -1.07 0.00	52.05 -0.98 0.00	50.04 -0.98 0.00	35.09 -0.64 0.00	30.36 -0.53 0.00	30.91 -0.49 0.00	30.21 -0.48 0.00	33.89 -0.52 0.00	34.97 -0.39 0.00	52.08 -0.91 0.00	50.72 -0.69 0.00	118.00 -1.84 0.00	65.58 -1.00 0.00	51.31 -0.80 0.00	43.34 -0.67 0.00	45.53 -0.73 0.00	36.68 -0.61 0.00
PROJECT___ORANGE 2 24166	46.53 -1.08 0.00	35.44 -0.87 0.00	31.72 -0.76 0.00	31.24 -0.78 0.00	34.65 -0.82 0.00	42.74 -0.93 0.00	52.82 -1.00 0.00	57.80 -1.07 0.00	52.05 -0.98 0.00	50.04 -0.98 0.00	35.09 -0.64 0.00	30.36 -0.53 0.00	30.91 -0.49 0.00	30.21 -0.48 0.00	33.89 -0.52 0.00	34.97 -0.39 0.00	52.08 -0.91 0.00	50.72 -0.69 0.00	118.00 -1.84 0.00	65.58 -1.00 0.00	51.31 -0.80 0.00	43.34 -0.67 0.00	45.53 -0.73 0.00	36.68 -0.61 0.00
PUCKETT___SOLAR 323809	47.55 -0.06 0.00	36.16 -0.15 0.00	32.42 -0.08 -0.02	31.87 -0.15 0.00	35.51 0.04 0.00	43.77 0.11 0.00	54.27 0.45 0.00	60.87 1.25 -0.75	53.86 0.83 0.00	51.77 0.75 0.00	36.14 0.41 0.00	31.20 0.31 0.00	31.69 0.29 0.00	30.86 0.17 0.00	34.74 0.33 0.00	36.14 0.78 0.00	53.80 0.81 0.00	52.37 0.97 0.00	122.04 2.20 0.00	67.85 1.27 0.00	53.16 1.06 0.00	44.86 0.85 0.00	47.19 0.93 0.00	37.92 0.63 0.00
PYRITES___HYD 24023	92.80 0.09 -45.10	74.11 0.02 -37.78	67.77 0.01 -35.29	66.92 -0.08 -34.98	72.37 -0.28 -37.19	86.36 0.11 -42.59	104.67 1.54 -49.31	113.35 1.78 -52.70	103.05 1.49 -48.53	98.35 1.25 -46.08	74.17 0.93 -37.50	65.69 0.47 -34.33	66.32 0.26 -34.66	65.50 0.62 -34.19	71.57 0.55 -36.61	73.76 1.30 -37.10	103.93 2.34 -48.61	100.49 1.45 -47.64	219.90 7.09 -92.97	125.02 0.84 -57.60	76.30 0.39 -23.81	44.11 0.10 0.00	48.37 2.11 0.00	38.70 1.42 0.00
QUAKERRD_115KV_BK1 80622	44.39 -3.22 0.00	33.86 -2.45 0.00	30.31 -2.17 0.00	29.81 -2.21 0.00	33.17 -2.30 0.00	41.01 -2.65 0.00	50.80 -3.02 0.00	55.23 -3.64 0.00	49.82 -3.21 0.00	47.74 -3.28 0.00	33.69 -2.05 0.00	29.13 -1.76 0.00	29.79 -1.61 0.00	29.10 -1.59 0.00	32.82 -1.59 0.00	33.90 -1.46 0.00	50.18 -2.81 0.00	48.91 -2.49 0.00	113.70 -6.14 0.00	63.22 -3.36 0.00	49.51 -2.60 0.00	42.03 -1.98 0.00	44.37 -1.89 0.00	35.88 -1.41 0.00
QUENSBRY_115KV_TB8 356137	49.60 1.99 0.00	37.62 1.31 0.00	33.58 1.10 0.00	33.20 1.17 0.00	36.73 1.26 0.00	45.47 1.80 0.00	56.34 2.52 0.00	62.06 3.19 0.00	55.76 2.74 0.00	53.43 2.42 0.00	36.83 1.10 0.00	31.69 0.80 0.00	32.22 0.82 0.00	31.68 0.99 0.00	35.68 1.28 0.00	37.20 1.84 0.00	55.98 3.00 0.00	54.59 3.19 0.00	126.16 6.32 0.00	69.95 3.37 0.00	54.57 2.47 0.00	45.88 1.87 0.00	47.83 1.56 0.00	38.40 1.12 0.00
RAMAPO___LBMP 323565	49.97 2.36 0.00	37.99 1.68 0.00	33.91 1.43 0.00	33.43 1.41 0.00	36.99 1.52 0.00	45.69 2.02 0.00	56.35 2.53 0.00	61.71 2.85 0.00	55.74 2.71 0.00	53.89 2.87 0.00	37.80 2.07 0.00	32.63 1.74 0.00	33.01 1.61 0.00	32.20 1.51 0.00	36.00 1.60 0.00	37.35 1.99 0.00	55.32 2.33 0.00	53.88 2.47 0.00	124.28 4.44 0.00	69.30 2.72 0.00	54.34 2.24 0.00	45.82 1.82 0.00	47.89 1.63 0.00	38.57 1.29 0.00
RANKINE____ 23646	43.40 -4.21 0.00	33.19 -3.12 0.00	29.55 -2.77 0.16	29.05 -2.94 0.03	32.50 -2.96 0.00	40.26 -3.41 0.00	49.87 -3.92 0.03	47.99 -4.96 5.92	42.80 -4.29 5.93	36.98 -4.29 9.75	33.19 -2.54 0.00	28.66 -2.23 0.00	29.40 -2.00 0.00	28.74 -1.95 0.00	32.58 -1.82 0.00	33.71 -1.65 0.00	49.40 -3.59 0.00	48.40 -3.00 0.00	112.51 -7.33 0.00	62.75 -3.83 0.00	49.37 -2.73 0.00	42.29 -1.71 0.00	45.14 -1.12 0.00	36.67 -0.62 0.00
RAVENSWOOD_GT2_1 24244	50.54 2.93 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.38 2.65 0.00	33.19 2.30 0.00	33.54 2.14 0.00	32.71 2.02 0.00	36.51 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.87 1.59 0.00

RAVENSWOOD_GT2_2 24245	50.54 2.93 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.38 2.65 0.00	33.19 2.30 0.00	33.54 2.14 0.00	32.71 2.02 0.00	36.51 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD_GT2_3 24246	50.56 2.95 0.00	38.43 2.12 0.00	34.25 1.78 0.00	33.79 1.77 0.00	37.34 1.87 0.00	46.16 2.49 0.00	56.93 3.11 0.00	62.33 3.45 0.00	56.36 3.34 0.00	54.61 3.59 0.00	38.40 2.67 0.00	33.20 2.31 0.00	33.56 2.17 0.00	32.72 2.03 0.00	36.53 2.13 0.00	37.90 2.54 0.00	55.97 2.98 0.00	54.46 3.05 0.00	125.40 5.56 0.00	69.94 3.36 0.00	54.88 2.77 0.00	46.31 2.31 0.00	48.33 2.06 0.00	38.89 1.61 0.00
RAVENSWOOD_GT2_4 24247	50.56 2.95 0.00	38.43 2.12 0.00	34.25 1.78 0.00	33.79 1.77 0.00	37.34 1.87 0.00	46.16 2.49 0.00	56.93 3.11 0.00	62.33 3.45 0.00	56.36 3.34 0.00	54.61 3.59 0.00	38.40 2.67 0.00	33.20 2.31 0.00	33.56 2.17 0.00	32.72 2.03 0.00	36.53 2.13 0.00	37.90 2.54 0.00	55.97 2.98 0.00	54.46 3.05 0.00	125.40 5.56 0.00	69.94 3.36 0.00	54.88 2.77 0.00	46.31 2.31 0.00	48.33 2.06 0.00	38.89 1.61 0.00
RAVENSWOOD_GT3_1 24248	50.54 2.93 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.60 3.58 0.00	38.39 2.66 0.00	33.19 2.30 0.00	33.54 2.14 0.00	32.71 2.02 0.00	36.52 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.88 1.59 0.00
RAVENSWOOD_GT3_2 24249	50.54 2.93 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.60 3.58 0.00	38.39 2.66 0.00	33.19 2.30 0.00	33.54 2.14 0.00	32.71 2.02 0.00	36.52 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.88 1.59 0.00
RAVENSWOOD_GT3_3 24250	50.60 2.99 0.00	38.47 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.37 1.91 0.00	46.19 2.53 0.00	56.99 3.16 0.00	62.38 3.51 0.00	56.43 3.40 0.00	54.68 3.66 0.00	38.44 2.71 0.00	33.23 2.34 0.00	33.60 2.20 0.00	32.76 2.07 0.00	36.57 2.16 0.00	37.94 2.58 0.00	56.04 3.05 0.00	54.52 3.12 0.00	125.55 5.71 0.00	70.03 3.45 0.00	54.94 2.84 0.00	46.37 2.37 0.00	48.37 2.11 0.00	38.93 1.65 0.00
RAVENSWOOD_GT3_4 24251	50.60 2.99 0.00	38.47 2.16 0.00	34.28 1.81 0.00	33.82 1.80 0.00	37.37 1.91 0.00	46.19 2.53 0.00	56.99 3.16 0.00	62.38 3.51 0.00	56.43 3.40 0.00	54.68 3.66 0.00	38.44 2.71 0.00	33.23 2.34 0.00	33.60 2.20 0.00	32.76 2.07 0.00	36.57 2.16 0.00	37.94 2.58 0.00	56.04 3.05 0.00	54.52 3.12 0.00	125.55 5.71 0.00	70.03 3.45 0.00	54.94 2.84 0.00	46.37 2.37 0.00	48.37 2.11 0.00	38.93 1.65 0.00
RAVENSWOOD_GT_1 23729	50.67 3.06 0.00	38.53 2.22 0.00	34.33 1.85 0.00	33.85 1.83 0.00	37.39 1.92 0.00	46.25 2.58 0.00	57.07 3.25 0.00	62.44 3.56 0.00	56.48 3.46 0.00	54.76 3.74 0.00	38.51 2.78 0.00	33.32 2.43 0.00	33.65 2.26 0.00	32.81 2.12 0.00	36.62 2.22 0.00	37.98 2.62 0.00	56.00 3.01 0.00	54.48 3.08 0.00	125.50 5.66 0.00	70.00 3.42 0.00	54.96 2.86 0.00	46.41 2.40 0.00	48.40 2.14 0.00	38.98 1.69 0.00
RAVENSWOOD_GT_10 24258	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.38 2.64 0.00	33.18 2.29 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD_GT_11 24259	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.38 2.64 0.00	33.18 2.29 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD_GT_4 24252	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.34 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.37 2.64 0.00	33.17 2.28 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.10 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.03 0.00	125.36 5.52 0.00	69.91 3.33 0.00	54.86 2.76 0.00	46.29 2.29 0.00	48.30 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD_GT_5 24254	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.34 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.37 2.64 0.00	33.17 2.28 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.10 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.03 0.00	125.36 5.52 0.00	69.91 3.33 0.00	54.86 2.76 0.00	46.29 2.29 0.00	48.30 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD_GT_6 24253	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.34 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.37 2.64 0.00	33.17 2.28 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.10 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.03 0.00	125.36 5.52 0.00	69.91 3.33 0.00	54.86 2.76 0.00	46.29 2.29 0.00	48.30 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD_GT_7 24255	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.34 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.37 2.64 0.00	33.17 2.28 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.10 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.03 0.00	125.36 5.52 0.00	69.91 3.33 0.00	54.86 2.76 0.00	46.29 2.29 0.00	48.30 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.38 2.64 0.00	33.18 2.29 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.87 1.59 0.00

RAVENSWOOD_GT_9 24257	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.87 0.00	46.14 2.48 0.00	56.92 3.09 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.38 2.64 0.00	33.18 2.29 0.00	33.54 2.14 0.00	32.70 2.01 0.00	36.51 2.11 0.00	37.88 2.52 0.00	55.95 2.96 0.00	54.43 3.02 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.87 1.59 0.00
RAVENSWOOD___1 23533	50.58 2.97 0.00	38.46 2.15 0.00	34.28 1.80 0.00	33.80 1.78 0.00	37.33 1.87 0.00	46.16 2.50 0.00	56.97 3.15 0.00	62.32 3.45 0.00	56.38 3.35 0.00	54.65 3.63 0.00	38.45 2.72 0.00	33.27 2.38 0.00	33.59 2.19 0.00	32.75 2.05 0.00	36.56 2.15 0.00	37.91 2.55 0.00	55.94 2.95 0.00	54.43 3.03 0.00	125.35 5.51 0.00	69.91 3.33 0.00	54.87 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
RAVENSWOOD___2 23534	50.58 2.97 0.00	38.46 2.15 0.00	34.28 1.80 0.00	33.80 1.78 0.00	37.33 1.87 0.00	46.16 2.50 0.00	56.97 3.15 0.00	62.32 3.45 0.00	56.38 3.35 0.00	54.65 3.63 0.00	38.45 2.72 0.00	33.27 2.38 0.00	33.59 2.19 0.00	32.75 2.05 0.00	36.56 2.15 0.00	37.91 2.55 0.00	55.94 2.95 0.00	54.43 3.03 0.00	125.35 5.51 0.00	69.91 3.33 0.00	54.87 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
RAVENSWOOD___3 23535	50.53 2.92 0.00	38.42 2.11 0.00	34.25 1.77 0.00	33.78 1.76 0.00	37.33 1.86 0.00	46.14 2.48 0.00	56.92 3.10 0.00	62.29 3.42 0.00	56.34 3.31 0.00	54.59 3.57 0.00	38.39 2.67 0.00	33.19 2.30 0.00	33.55 2.15 0.00	32.71 2.02 0.00	36.52 2.12 0.00	37.89 2.53 0.00	55.96 2.97 0.00	54.44 3.03 0.00	125.36 5.52 0.00	69.90 3.32 0.00	54.86 2.76 0.00	46.29 2.28 0.00	48.29 2.03 0.00	38.88 1.59 0.00
RAVENSWOOD___4 23820	50.58 2.97 0.00	38.46 2.15 0.00	34.28 1.80 0.00	33.80 1.78 0.00	37.33 1.87 0.00	46.16 2.50 0.00	56.97 3.15 0.00	62.32 3.45 0.00	56.38 3.35 0.00	54.65 3.63 0.00	38.45 2.72 0.00	33.27 2.38 0.00	33.59 2.19 0.00	32.75 2.05 0.00	36.56 2.15 0.00	37.91 2.55 0.00	55.94 2.95 0.00	54.43 3.03 0.00	125.35 5.51 0.00	69.91 3.33 0.00	54.87 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
RCPI_TRUST___DRP 24196	50.59 2.98 0.00	38.45 2.15 0.00	34.28 1.81 0.00	33.81 1.79 0.00	37.37 1.90 0.00	46.19 2.52 0.00	56.99 3.16 0.00	62.39 3.52 0.00	56.44 3.42 0.00	54.70 3.68 0.00	38.46 2.73 0.00	33.25 2.36 0.00	33.61 2.21 0.00	32.77 2.08 0.00	36.59 2.19 0.00	37.97 2.61 0.00	56.06 3.07 0.00	54.53 3.12 0.00	125.57 5.73 0.00	70.01 3.43 0.00	54.93 2.82 0.00	46.35 2.35 0.00	48.35 2.09 0.00	38.92 1.63 0.00
RED___ROCHESTER 323720	45.25 -2.36 0.00	34.53 -1.78 0.00	30.89 -1.59 0.00	30.36 -1.66 0.00	33.81 -1.65 0.00	41.85 -1.82 0.00	51.89 -1.93 0.00	56.35 -2.53 0.00	50.89 -2.14 0.00	48.75 -2.27 0.00	34.41 -1.33 0.00	29.77 -1.12 0.00	30.48 -0.91 0.00	29.75 -0.94 0.00	33.62 -0.79 0.00	34.74 -0.62 0.00	51.33 -1.66 0.00	50.08 -1.32 0.00	116.38 -3.46 0.00	64.73 -1.85 0.00	50.69 -1.41 0.00	43.09 -0.91 0.00	45.54 -0.72 0.00	36.83 -0.45 0.00
REGAN___SOLAR 323812	50.27 2.66 0.00	38.25 1.95 0.00	34.21 1.73 0.00	33.72 1.70 0.00	37.39 1.92 0.00	46.06 2.40 0.00	57.23 3.41 0.00	62.72 3.84 0.00	55.88 2.85 0.00	53.27 2.25 0.00	37.54 1.81 0.00	32.14 1.25 0.00	33.10 1.70 0.00	32.39 1.70 0.00	35.98 1.58 0.00	37.41 2.05 0.00	56.39 3.40 0.00	55.02 3.61 0.00	127.99 8.15 0.00	71.06 4.48 0.00	55.57 3.46 0.00	46.90 2.90 0.00	49.20 2.93 0.00	39.53 2.24 0.00
RENSSELAER___COGEN 23796	49.54 1.94 0.00	37.74 1.43 0.00	33.73 1.25 0.00	33.29 1.27 0.00	36.84 1.37 0.00	45.22 1.55 0.00	55.32 1.50 0.00	60.46 1.59 0.00	54.44 1.41 0.00	52.32 1.30 0.00	36.34 0.61 0.00	31.43 0.54 0.00	31.87 0.47 0.00	31.18 0.48 0.00	34.93 0.53 0.00	36.19 0.83 0.00	54.16 1.17 0.00	52.71 1.31 0.00	122.08 2.24 0.00	67.81 1.23 0.00	52.98 0.87 0.00	44.61 0.61 0.00	46.79 0.52 0.00	37.65 0.36 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.05 3.44 0.00	38.58 2.27 0.00	34.39 1.91 0.00	34.00 1.98 0.00	37.62 2.16 0.00	47.02 3.36 0.00	58.62 4.80 0.00	64.94 6.06 0.00	58.35 5.33 0.00	55.82 4.80 0.00	37.97 2.24 0.00	32.53 1.64 0.00	33.06 1.66 0.00	32.71 2.02 0.00	37.33 2.92 0.00	39.21 3.85 0.00	59.40 6.41 0.00	57.73 6.32 0.00	132.74 12.90 0.00	73.13 6.54 0.00	56.82 4.72 0.00	47.88 3.88 0.00	49.70 3.44 0.00	39.69 2.41 0.00
REVERE_CPPR_DRP 24186	52.39 0.92 -3.86	40.19 0.65 -3.23	36.12 0.63 -3.02	35.60 0.58 -2.99	39.33 0.68 -3.19	48.31 1.00 -3.65	59.86 1.82 -4.22	65.36 1.97 -4.51	58.98 1.79 -4.17	56.72 1.71 -3.99	40.11 1.17 -3.21	34.79 0.96 -2.94	35.30 0.93 -2.97	34.60 0.99 -2.93	38.82 1.28 -3.14	40.10 1.57 -3.18	59.23 2.07 -4.16	57.47 1.99 -4.08	132.56 4.76 -7.96	74.04 2.53 -4.93	56.13 1.99 -2.04	45.58 1.57 0.00	47.95 1.69 0.00	38.48 1.20 0.00
REYNOLDS_115KV_TB3 80639	49.75 2.15 0.00	37.88 1.57 0.00	33.84 1.36 0.00	33.41 1.39 0.00	36.95 1.48 0.00	45.45 1.79 0.00	55.76 1.94 0.00	61.00 2.13 0.00	54.93 1.90 0.00	52.79 1.77 0.00	36.67 0.94 0.00	31.69 0.80 0.00	32.14 0.74 0.00	31.45 0.76 0.00	35.27 0.86 0.00	36.56 1.20 0.00	54.70 1.71 0.00	53.23 1.82 0.00	123.24 3.39 0.00	68.44 1.86 0.00	53.45 1.35 0.00	45.02 1.02 0.00	47.17 0.91 0.00	37.95 0.67 0.00
RIVERBAY____ 323610	50.71 3.11 0.00	38.55 2.24 0.00	34.37 1.89 0.00	33.91 1.89 0.00	37.37 1.91 0.00	46.27 2.61 0.00	57.16 3.34 0.00	62.58 3.71 0.00	56.54 3.51 0.00	54.74 3.72 0.00	38.47 2.74 0.00	33.26 2.37 0.00	33.53 2.13 0.00	32.69 2.00 0.00	36.51 2.10 0.00	37.90 2.54 0.00	56.00 3.01 0.00	54.58 3.17 0.00	125.91 6.07 0.00	70.19 3.60 0.00	54.95 2.85 0.00	46.37 2.37 0.00	48.43 2.16 0.00	39.05 1.76 0.00
RIVERSDE_115KV_TB3 55908	49.70 2.09 0.00	37.86 1.55 0.00	33.82 1.35 0.00	33.39 1.37 0.00	36.94 1.48 0.00	45.40 1.73 0.00	55.60 1.78 0.00	60.79 1.91 0.00	54.74 1.72 0.00	52.62 1.60 0.00	36.54 0.81 0.00	31.61 0.71 0.00	32.05 0.65 0.00	31.36 0.67 0.00	35.14 0.74 0.00	36.43 1.07 0.00	54.50 1.52 0.00	53.04 1.64 0.00	122.80 2.96 0.00	68.20 1.62 0.00	53.27 1.17 0.00	44.86 0.85 0.00	47.00 0.74 0.00	37.82 0.54 0.00
ROARING___BROOK_WT_PWR 323790	44.24 -1.40 1.97	33.63 -1.04 1.65	30.02 -0.92 1.54	29.60 -0.89 1.53	32.85 -0.99 1.62	40.60 -1.22 1.86	50.26 -1.41 2.15	54.90 -1.67 2.30	48.74 -1.49 2.80	45.58 -1.37 4.08	33.11 -0.98 1.64	28.59 -0.80 1.50	29.22 -0.67 1.51	28.67 -0.52 1.49	32.20 -0.60 1.60	33.06 -0.68 1.62	50.09 -0.78 2.12	48.17 -1.16 2.08	113.94 -1.85 4.06	63.13 -0.94 2.51	50.42 -0.64 1.04	43.58 -0.42 0.00	46.04 -0.22 0.00	37.14 -0.15 0.00

ROCHESRG_115KV_T4 355643	44.77 -2.84 0.00	34.17 -2.14 0.00	30.55 -1.90 0.02	30.06 -1.96 0.00	33.47 -2.00 0.00	41.38 -2.28 0.00	51.27 -2.55 0.00	54.81 -3.25 0.82	49.39 -2.82 0.82	46.76 -2.92 1.34	33.97 -1.76 0.00	29.39 -1.50 0.00	30.08 -1.31 0.00	29.36 -1.33 0.00	33.17 -1.23 0.00	34.27 -1.08 0.00	50.62 -2.37 0.00	49.36 -2.04 0.00	114.73 -5.11 0.00	63.83 -2.76 0.00	50.00 -2.11 0.00	42.52 -1.49 0.00	44.99 -1.27 0.00	36.42 -0.87 0.00
ROCHESTER_9_IC 23652	45.03 -2.58 0.00	34.35 -1.96 0.00	30.74 -1.73 0.00	30.22 -1.80 0.00	33.65 -1.82 0.00	41.63 -2.04 0.00	51.60 -2.22 0.00	56.00 -2.87 0.00	50.56 -2.46 0.00	48.42 -2.60 0.00	34.20 -1.53 0.00	29.59 -1.30 0.00	30.29 -1.10 0.00	29.58 -1.11 0.00	33.42 -0.99 0.00	34.53 -0.82 0.00	51.00 -1.99 0.00	49.76 -1.65 0.00	115.64 -4.20 0.00	64.31 -2.27 0.00	50.36 -1.74 0.00	42.82 -1.18 0.00	45.27 -0.99 0.00	36.64 -0.65 0.00
ROCKVIEW_13_KV_LD 356306	50.59 2.99 0.00	38.46 2.15 0.00	34.28 1.81 0.00	33.81 1.79 0.00	37.38 1.92 0.00	46.19 2.52 0.00	56.99 3.17 0.00	62.44 3.57 0.00	56.44 3.42 0.00	54.62 3.60 0.00	38.32 2.59 0.00	33.09 2.21 0.00	33.48 2.08 0.00	32.65 1.96 0.00	36.48 2.08 0.00	37.86 2.50 0.00	56.02 3.04 0.00	54.57 3.16 0.00	125.81 5.97 0.00	70.13 3.55 0.00	55.00 2.89 0.00	46.37 2.37 0.00	48.42 2.16 0.00	38.97 1.68 0.00
ROME____115KV_TB2 80656	52.39 0.92 -3.86	40.19 0.65 -3.23	36.12 0.63 -3.02	35.60 0.58 -2.99	39.33 0.68 -3.19	48.31 1.00 -3.65	59.86 1.82 -4.22	65.36 1.97 -4.51	58.98 1.79 -4.17	56.72 1.71 -3.99	40.11 1.17 -3.21	34.79 0.96 -2.94	35.30 0.93 -2.97	34.60 0.99 -2.93	38.82 1.28 -3.14	40.10 1.57 -3.18	59.23 2.07 -4.16	57.47 1.99 -4.08	132.56 4.76 -7.96	74.04 2.53 -4.93	56.13 1.99 -2.04	45.58 1.57 0.00	47.95 1.69 0.00	38.48 1.20 0.00
ROSETON___1 23587	50.10 2.49 0.00	38.11 1.80 0.00	34.00 1.52 0.00	33.53 1.51 0.00	37.09 1.62 0.00	45.79 2.12 0.00	56.45 2.63 0.00	61.84 2.97 0.00	55.86 2.84 0.00	54.00 2.99 0.00	37.83 2.10 0.00	32.66 1.77 0.00	33.04 1.65 0.00	32.24 1.55 0.00	36.06 1.65 0.00	37.40 2.04 0.00	55.47 2.48 0.00	54.01 2.60 0.00	124.64 4.80 0.00	69.44 2.86 0.00	54.42 2.32 0.00	45.87 1.87 0.00	47.93 1.67 0.00	38.58 1.30 0.00
ROSETON___2 23588	50.10 2.49 0.00	38.11 1.80 0.00	34.00 1.52 0.00	33.53 1.51 0.00	37.09 1.62 0.00	45.79 2.12 0.00	56.45 2.63 0.00	61.84 2.97 0.00	55.86 2.84 0.00	54.00 2.99 0.00	37.83 2.10 0.00	32.66 1.77 0.00	33.04 1.65 0.00	32.24 1.55 0.00	36.06 1.65 0.00	37.40 2.04 0.00	55.47 2.48 0.00	54.01 2.60 0.00	124.64 4.80 0.00	69.44 2.86 0.00	54.42 2.32 0.00	45.87 1.87 0.00	47.93 1.67 0.00	38.58 1.30 0.00
ROTRDAM_115KV_TB3 80664	49.06 1.45 0.00	37.34 1.03 0.00	33.40 0.92 0.00	32.95 0.93 0.00	36.46 0.99 0.00	44.87 1.20 0.00	55.37 1.55 0.00	60.62 1.75 0.00	54.55 1.53 0.00	52.43 1.41 0.00	36.60 0.87 0.00	31.61 0.72 0.00	32.10 0.70 0.00	31.41 0.72 0.00	35.23 0.82 0.00	36.43 1.07 0.00	54.51 1.52 0.00	53.04 1.63 0.00	123.07 3.23 0.00	68.37 1.79 0.00	53.48 1.37 0.00	45.08 1.07 0.00	47.25 0.99 0.00	38.03 0.75 0.00
RUSSELL___1 23602	45.26 -2.35 0.00	34.54 -1.78 0.00	30.89 -1.59 0.00	30.35 -1.67 0.00	33.81 -1.66 0.00	41.84 -1.83 0.00	51.88 -1.94 0.00	56.33 -2.54 0.00	50.87 -2.16 0.00	48.72 -2.31 0.00	34.40 -1.33 0.00	29.76 -1.13 0.00	30.48 -0.92 0.00	29.76 -0.93 0.00	33.62 -0.78 0.00	34.75 -0.61 0.00	51.33 -1.65 0.00	50.10 -1.31 0.00	116.39 -3.45 0.00	64.75 -1.83 0.00	50.70 -1.41 0.00	43.09 -0.91 0.00	45.55 -0.72 0.00	36.83 -0.45 0.00
RUSSELL___2 23532	45.26 -2.35 0.00	34.54 -1.78 0.00	30.89 -1.59 0.00	30.35 -1.67 0.00	33.81 -1.66 0.00	41.84 -1.83 0.00	51.88 -1.94 0.00	56.33 -2.54 0.00	50.87 -2.16 0.00	48.72 -2.31 0.00	34.40 -1.33 0.00	29.76 -1.13 0.00	30.48 -0.92 0.00	29.76 -0.93 0.00	33.62 -0.78 0.00	34.75 -0.61 0.00	51.33 -1.65 0.00	50.10 -1.31 0.00	116.39 -3.45 0.00	64.75 -1.83 0.00	50.70 -1.41 0.00	43.09 -0.91 0.00	45.55 -0.72 0.00	36.83 -0.45 0.00
RUSSELL___3 23549	45.26 -2.35 0.00	34.54 -1.78 0.00	30.89 -1.59 0.00	30.35 -1.67 0.00	33.81 -1.66 0.00	41.84 -1.83 0.00	51.88 -1.94 0.00	56.33 -2.54 0.00	50.87 -2.16 0.00	48.72 -2.31 0.00	34.40 -1.33 0.00	29.76 -1.13 0.00	30.48 -0.92 0.00	29.76 -0.93 0.00	33.62 -0.78 0.00	34.75 -0.61 0.00	51.33 -1.65 0.00	50.10 -1.31 0.00	116.39 -3.45 0.00	64.75 -1.83 0.00	50.70 -1.41 0.00	43.09 -0.91 0.00	45.55 -0.72 0.00	36.83 -0.45 0.00
RUSSELL___4 23556	45.26 -2.35 0.00	34.54 -1.78 0.00	30.89 -1.59 0.00	30.35 -1.67 0.00	33.81 -1.66 0.00	41.84 -1.83 0.00	51.88 -1.94 0.00	56.33 -2.54 0.00	50.87 -2.16 0.00	48.72 -2.31 0.00	34.40 -1.33 0.00	29.76 -1.13 0.00	30.48 -0.92 0.00	29.76 -0.93 0.00	33.62 -0.78 0.00	34.75 -0.61 0.00	51.33 -1.65 0.00	50.10 -1.31 0.00	116.39 -3.45 0.00	64.75 -1.83 0.00	50.70 -1.41 0.00	43.09 -0.91 0.00	45.55 -0.72 0.00	36.83 -0.45 0.00
RUSSELL___STATION 23914	45.26 -2.35 0.00	34.54 -1.78 0.00	30.89 -1.59 0.00	30.35 -1.67 0.00	33.81 -1.66 0.00	41.84 -1.83 0.00	51.88 -1.94 0.00	56.33 -2.54 0.00	50.87 -2.16 0.00	48.72 -2.31 0.00	34.40 -1.33 0.00	29.76 -1.13 0.00	30.48 -0.92 0.00	29.76 -0.93 0.00	33.62 -0.78 0.00	34.75 -0.61 0.00	51.33 -1.65 0.00	50.10 -1.31 0.00	116.39 -3.45 0.00	64.75 -1.83 0.00	50.70 -1.41 0.00	43.09 -0.91 0.00	45.55 -0.72 0.00	36.83 -0.45 0.00
S SALMON___HYD 24043	50.20 -2.22 -4.82	38.61 -1.74 -4.03	34.72 -1.52 -3.77	34.23 -1.53 -3.74	37.75 -1.69 -3.97	46.29 -1.93 -4.55	57.12 -1.97 -5.27	62.33 -2.18 -5.63	56.21 -2.00 -5.19	53.97 -1.99 -4.94	38.39 -1.35 -4.01	33.40 -1.16 -3.67	33.93 -1.18 -3.70	33.27 -1.08 -3.66	37.27 -1.05 -3.91	38.42 -0.90 -3.96	56.54 -1.64 -5.19	54.94 -1.56 -5.09	126.63 -3.14 -9.93	70.92 -1.81 -6.15	53.31 -1.33 -2.54	42.77 -1.24 0.00	45.10 -1.16 0.00	36.23 -1.05 0.00
S.PERRY___115KV_TB1 80734	45.54 -2.07 0.00	34.72 -1.59 0.00	31.59 -1.38 -0.49	30.56 -1.57 -0.11	33.96 -1.51 0.00	42.12 -1.55 0.00	52.60 -1.32 -0.11	75.89 -1.55 -18.58	70.15 -1.46 -18.58	79.73 -1.84 -30.56	34.59 -1.15 0.00	30.04 -0.85 0.00	30.63 -0.77 0.00	29.82 -0.87 0.00	33.73 -0.67 0.00	35.32 -0.04 0.00	52.43 -0.57 -0.01	51.46 0.05 0.00	120.00 0.15 0.00	66.80 0.21 0.00	52.44 0.33 0.00	44.56 0.55 0.00	47.12 0.86 0.00	38.08 0.79 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	43.04 -4.57 0.00	32.91 -3.40 0.00	29.31 -3.01 0.15	28.85 -3.14 0.03	32.25 -3.22 0.00	39.93 -3.74 0.00	49.43 -4.36 0.03	47.69 -5.54 5.64	42.59 -4.79 5.65	36.91 -4.82 9.29	32.80 -2.93 0.00	28.35 -2.54 0.00	29.11 -2.29 0.00	28.42 -2.27 0.00	32.23 -2.17 0.00	33.34 -2.02 0.00	48.77 -4.21 0.00	47.73 -3.67 0.00	110.91 -8.93 0.00	61.85 -4.73 0.00	48.62 -3.49 0.00	41.67 -2.33 0.00	44.48 -1.78 0.00	36.19 -1.09 0.00

SAWYER___23_KV_LOAD 55526	43.04 -4.57 0.00	32.91 -3.40 0.00	29.31 -3.01 0.15	28.85 -3.14 0.03	32.25 -3.22 0.00	39.93 -3.74 0.00	49.43 -4.36 0.03	47.69 -5.54 5.64	42.59 -4.79 5.65	36.91 -4.82 9.29	32.80 -2.93 0.00	28.35 -2.54 0.00	29.11 -2.29 0.00	28.42 -2.27 0.00	32.23 -2.17 0.00	33.34 -2.02 0.00	48.77 -4.21 0.00	47.73 -3.67 0.00	110.91 -8.93 0.00	61.85 -4.73 0.00	48.62 -3.49 0.00	41.67 -2.33 0.00	44.48 -1.78 0.00	36.19 -1.09 0.00
SELKIRK___I 23801	49.58 1.97 0.00	37.78 1.47 0.00	33.79 1.32 0.00	33.35 1.32 0.00	36.90 1.43 0.00	45.31 1.64 0.00	55.59 1.76 0.00	60.76 1.90 0.00	54.67 1.65 0.00	52.50 1.48 0.00	36.47 0.74 0.00	31.50 0.61 0.00	31.99 0.59 0.00	31.32 0.63 0.00	35.09 0.69 0.00	36.38 1.02 0.00	54.50 1.51 0.00	53.04 1.63 0.00	122.98 3.14 0.00	68.28 1.70 0.00	53.37 1.26 0.00	44.96 0.95 0.00	47.20 0.94 0.00	38.00 0.71 0.00
SELKIRK___II 23799	49.39 1.78 0.00	37.61 1.30 0.00	33.64 1.16 0.00	33.19 1.17 0.00	36.73 1.26 0.00	45.10 1.44 0.00	55.34 1.51 0.00	60.50 1.63 0.00	54.49 1.47 0.00	52.39 1.37 0.00	36.46 0.73 0.00	31.51 0.62 0.00	31.96 0.56 0.00	31.26 0.57 0.00	35.03 0.62 0.00	36.28 0.92 0.00	54.26 1.27 0.00	52.80 1.40 0.00	122.36 2.52 0.00	67.97 1.39 0.00	53.14 1.04 0.00	44.77 0.76 0.00	46.95 0.69 0.00	37.79 0.50 0.00
SENECA OSWGO___HYD 24041	45.86 -1.75 0.00	34.94 -1.37 0.00	31.28 -1.21 0.00	30.83 -1.19 0.00	34.17 -1.30 0.00	42.15 -1.52 0.00	52.06 -1.77 0.00	56.96 -1.91 0.00	51.28 -1.75 0.00	49.29 -1.74 0.00	34.57 -1.17 0.00	29.92 -0.97 0.00	30.42 -0.98 0.00	29.76 -0.93 0.00	33.36 -1.05 0.00	34.43 -0.93 0.00	51.37 -1.61 0.00	50.00 -1.41 0.00	116.37 -3.47 0.00	64.66 -1.92 0.00	50.59 -1.51 0.00	42.72 -1.28 0.00	44.88 -1.39 0.00	36.15 -1.13 0.00
SENECA___115KV_TB3 355854	43.48 -4.13 0.00	33.25 -3.06 0.00	29.61 -2.72 0.16	29.11 -2.88 0.03	32.55 -2.91 0.00	40.32 -3.34 0.00	49.97 -3.82 0.03	48.10 -4.85 5.92	42.90 -4.19 5.93	37.08 -4.19 9.75	33.25 -2.48 0.00	28.71 -2.18 0.00	29.47 -1.94 0.00	28.80 -1.89 0.00	32.64 -1.76 0.00	33.78 -1.58 0.00	49.48 -3.50 0.00	48.51 -2.90 0.00	112.73 -7.11 0.00	62.89 -3.70 0.00	49.46 -2.64 0.00	42.38 -1.62 0.00	45.23 -1.03 0.00	36.72 -0.56 0.00
SENECA___ENERGY 23797	45.89 -1.72 0.00	34.96 -1.35 0.00	31.35 -1.16 -0.03	30.78 -1.25 -0.01	34.21 -1.25 0.00	42.23 -1.44 0.00	52.31 -1.52 -0.01	58.46 -1.64 -1.23	52.68 -1.57 -1.22	51.43 -1.60 -2.01	34.81 -0.92 0.00	30.06 -0.83 0.00	30.68 -0.72 0.00	29.98 -0.72 0.00	33.72 -0.69 0.00	34.90 -0.46 0.00	51.76 -1.23 0.00	50.55 -0.86 0.00	117.71 -2.13 0.00	65.46 -1.12 0.00	51.28 -0.83 0.00	43.44 -0.56 0.00	45.74 -0.52 0.00	36.86 -0.42 0.00
SHOEMAKER___GT 23640	49.82 2.21 0.00	37.89 1.58 0.00	33.82 1.35 0.00	33.35 1.33 0.00	36.92 1.45 0.00	45.55 1.89 0.00	56.21 2.39 0.00	61.57 2.70 0.00	55.59 2.57 0.00	53.67 2.65 0.00	37.61 1.88 0.00	32.42 1.53 0.00	32.78 1.38 0.00	31.98 1.29 0.00	35.81 1.41 0.00	37.17 1.81 0.00	55.20 2.21 0.00	53.79 2.39 0.00	124.30 4.46 0.00	69.25 2.67 0.00	54.28 2.17 0.00	45.75 1.75 0.00	47.85 1.59 0.00	38.52 1.24 0.00
SHOEMAKR_138KV_BK 111 55601	49.80 2.19 0.00	37.88 1.56 0.00	33.82 1.34 0.00	33.33 1.31 0.00	36.89 1.43 0.00	45.54 1.87 0.00	56.16 2.34 0.00	61.53 2.66 0.00	55.55 2.52 0.00	53.65 2.63 0.00	37.60 1.87 0.00	32.42 1.53 0.00	32.79 1.39 0.00	31.99 1.30 0.00	35.82 1.42 0.00	37.16 1.80 0.00	55.17 2.18 0.00	53.74 2.34 0.00	124.23 4.39 0.00	69.19 2.61 0.00	54.24 2.13 0.00	45.72 1.71 0.00	47.82 1.55 0.00	38.50 1.22 0.00
SHOREHAM_IC_1 23715	51.57 3.96 0.00	38.79 2.47 0.00	34.61 2.13 0.00	34.01 1.99 0.00	37.54 2.07 0.00	46.77 3.10 0.00	57.62 3.80 0.00	63.33 4.46 0.00	57.30 4.27 0.00	55.23 4.21 0.00	38.56 2.83 0.00	32.98 2.09 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.62 2.22 0.01	38.17 2.81 0.00	56.78 3.79 0.00	55.71 4.31 0.00	127.39 7.55 0.00	71.46 4.88 0.00	56.29 4.19 0.00	47.60 3.59 0.00	49.74 3.48 0.00	39.81 2.52 0.00
SHOREHAM_IC_2 23716	51.57 3.96 0.00	38.79 2.47 0.00	34.61 2.13 0.00	34.01 1.99 0.00	37.54 2.07 0.00	46.77 3.10 0.00	57.62 3.80 0.00	63.33 4.46 0.00	57.30 4.27 0.00	55.23 4.21 0.00	38.56 2.83 0.00	32.98 2.09 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.62 2.22 0.01	38.17 2.81 0.00	56.78 3.79 0.00	55.71 4.31 0.00	127.39 7.55 0.00	71.46 4.88 0.00	56.29 4.19 0.00	47.60 3.59 0.00	49.74 3.48 0.00	39.81 2.52 0.00
SISSONVILLE____ 23735	91.56 -1.15 -45.10	73.17 -0.91 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.21 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.17 -52.70	101.30 -0.26 -48.53	96.69 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.48 -0.58 -34.66	64.58 -0.30 -34.19	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.11 0.52 -48.61	98.60 -0.45 -47.64	215.45 2.65 -92.97	122.56 -1.62 -57.60	74.50 -1.42 -23.81	42.67 -1.33 0.00	46.97 0.71 0.00	37.66 0.38 0.00
SITHE_IND_GS1 24169	45.55 -2.06 0.00	34.72 -1.59 0.00	31.09 -1.39 0.00	30.64 -1.38 0.00	33.95 -1.52 0.00	41.83 -1.84 0.00	51.63 -2.20 0.00	56.46 -2.41 0.00	50.82 -2.20 0.00	48.87 -2.15 0.00	34.27 -1.46 0.00	29.69 -1.20 0.00	30.19 -1.21 0.00	29.52 -1.17 0.00	33.07 -1.33 0.00	34.10 -1.26 0.00	50.89 -2.10 0.00	49.49 -1.92 0.00	115.19 -4.65 0.00	64.01 -2.58 0.00	50.08 -2.02 0.00	42.33 -1.67 0.00	44.50 -1.76 0.00	35.88 -1.41 0.00
SITHE_IND_GS2 24170	45.55 -2.06 0.00	34.72 -1.59 0.00	31.09 -1.39 0.00	30.64 -1.38 0.00	33.95 -1.52 0.00	41.83 -1.84 0.00	51.63 -2.20 0.00	56.46 -2.41 0.00	50.82 -2.20 0.00	48.87 -2.15 0.00	34.27 -1.46 0.00	29.69 -1.20 0.00	30.19 -1.21 0.00	29.52 -1.17 0.00	33.07 -1.33 0.00	34.10 -1.26 0.00	50.89 -2.10 0.00	49.49 -1.92 0.00	115.19 -4.65 0.00	64.01 -2.58 0.00	50.08 -2.02 0.00	42.33 -1.67 0.00	44.50 -1.76 0.00	35.88 -1.41 0.00
SITHE_IND_GS3 24171	45.55 -2.06 0.00	34.72 -1.59 0.00	31.09 -1.39 0.00	30.64 -1.38 0.00	33.95 -1.52 0.00	41.83 -1.84 0.00	51.63 -2.20 0.00	56.46 -2.41 0.00	50.82 -2.20 0.00	48.87 -2.15 0.00	34.27 -1.46 0.00	29.69 -1.20 0.00	30.19 -1.21 0.00	29.52 -1.17 0.00	33.07 -1.33 0.00	34.10 -1.26 0.00	50.89 -2.10 0.00	49.49 -1.92 0.00	115.19 -4.65 0.00	64.01 -2.58 0.00	50.08 -2.02 0.00	42.33 -1.67 0.00	44.50 -1.76 0.00	35.88 -1.41 0.00
SITHE_IND_GS4 24172	45.55 -2.06 0.00	34.72 -1.59 0.00	31.09 -1.39 0.00	30.64 -1.38 0.00	33.95 -1.52 0.00	41.83 -1.84 0.00	51.63 -2.20 0.00	56.46 -2.41 0.00	50.82 -2.20 0.00	48.87 -2.15 0.00	34.27 -1.46 0.00	29.69 -1.20 0.00	30.19 -1.21 0.00	29.52 -1.17 0.00	33.07 -1.33 0.00	34.10 -1.26 0.00	50.89 -2.10 0.00	49.49 -1.92 0.00	115.19 -4.65 0.00	64.01 -2.58 0.00	50.08 -2.02 0.00	42.33 -1.67 0.00	44.50 -1.76 0.00	35.88 -1.41 0.00

SITHE___BATAVIA 24024	44.75 -2.86 0.00	34.15 -2.16 0.00	30.51 -1.89 0.08	29.98 -2.02 0.02	33.50 -1.96 0.00	41.59 -2.08 0.00	51.67 -2.14 0.02	53.13 -2.78 2.96	47.83 -2.23 2.96	43.82 -2.33 4.87	34.33 -1.41 0.00	29.64 -1.25 0.00	30.39 -1.01 0.00	29.71 -0.98 0.00	33.68 -0.72 0.00	34.83 -0.53 0.00	51.23 -1.76 0.00	50.13 -1.27 0.00	116.43 -3.41 0.00	64.75 -1.83 0.00	50.77 -1.33 0.00	43.28 -0.72 0.00	45.95 -0.31 0.00	37.25 -0.03 0.00
SITHE___INDEPEND 23800	45.55 -2.06 0.00	34.72 -1.59 0.00	31.08 -1.39 0.00	30.64 -1.39 0.00	33.94 -1.52 0.00	41.83 -1.84 0.00	51.63 -2.20 0.00	56.46 -2.42 0.00	50.82 -2.20 0.00	48.87 -2.15 0.00	34.27 -1.46 0.00	29.68 -1.21 0.00	30.19 -1.20 0.00	29.52 -1.17 0.00	33.07 -1.33 0.00	34.11 -1.25 0.00	50.89 -2.10 0.00	49.49 -1.92 0.00	115.20 -4.64 0.00	64.01 -2.57 0.00	50.08 -2.02 0.00	42.33 -1.67 0.00	44.50 -1.76 0.00	35.88 -1.41 0.00
SITHE___MASSENA 23902	43.30 0.04 4.34	32.80 0.12 3.64	29.15 0.07 3.40	28.72 0.07 3.37	31.95 0.07 3.58	39.70 0.13 4.10	49.24 0.17 4.75	53.89 0.09 5.07	47.93 0.02 5.12	45.22 -0.03 5.77	32.22 0.10 3.61	27.69 0.11 3.31	28.21 0.15 3.34	27.53 0.13 3.29	31.06 0.18 3.53	31.66 -0.12 3.57	48.54 0.23 4.68	46.73 -0.09 4.59	111.51 0.62 8.95	61.23 0.20 5.55	49.95 0.14 2.29	44.23 0.23 0.00	46.73 0.47 0.00	37.74 0.46 0.00
SITHE___OGDNSBRG 24021	93.25 0.55 -45.10	74.45 0.36 -37.78	68.09 0.32 -35.29	67.22 0.22 -34.98	72.67 0.02 -37.19	86.77 0.52 -42.59	105.26 2.13 -49.31	114.01 2.44 -52.70	103.63 2.08 -48.53	98.89 1.79 -46.08	74.54 1.30 -37.50	65.96 0.74 -34.33	66.57 0.51 -34.66	65.77 0.89 -34.19	71.70 0.69 -36.61	74.11 1.65 -37.10	104.58 2.98 -48.61	101.16 2.11 -47.64	221.38 8.57 -92.97	125.82 1.64 -57.60	76.93 1.02 -23.81	44.60 0.60 0.00	48.86 2.60 0.00	39.06 1.77 0.00
SITHE___STERLING 23777	50.88 0.69 -2.58	38.98 0.50 -2.16	34.98 0.49 -2.02	34.46 0.44 -2.00	38.15 0.56 -2.13	46.92 0.81 -2.43	58.06 1.42 -2.82	63.47 1.59 -3.02	57.26 1.45 -2.78	55.06 1.38 -2.67	38.80 0.92 -2.15	33.60 0.75 -1.97	34.10 0.72 -1.98	33.42 0.78 -1.96	37.47 0.97 -2.09	38.70 1.22 -2.12	57.31 1.54 -2.78	55.61 1.48 -2.72	128.48 3.33 -5.31	71.67 1.80 -3.29	54.89 1.43 -1.36	45.12 1.12 0.00	47.41 1.15 0.00	38.11 0.83 0.00
SLEIGHT__34_KV_TB1 80719	45.53 -2.08 0.00	34.70 -1.61 0.00	31.06 -1.42 0.00	30.56 -1.47 0.00	33.98 -1.49 0.00	41.99 -1.68 0.00	52.11 -1.71 0.00	56.74 -2.13 0.00	51.16 -1.86 0.00	49.05 -1.97 0.00	34.57 -1.16 0.00	29.90 -0.99 0.00	30.55 -0.84 0.00	29.84 -0.85 0.00	33.63 -0.77 0.00	34.72 -0.64 0.00	51.49 -1.50 0.00	50.21 -1.20 0.00	116.89 -2.95 0.00	64.90 -1.68 0.00	50.82 -1.29 0.00	43.07 -0.93 0.00	45.40 -0.87 0.00	36.61 -0.67 0.00
SOUTH CAIRO___GT 23612	51.21 3.60 0.00	38.99 2.68 0.00	34.88 2.40 0.00	34.42 2.40 0.00	38.09 2.63 0.00	46.85 3.19 0.00	57.65 3.83 0.00	63.25 4.38 0.00	56.87 3.85 0.00	54.23 3.21 0.00	37.42 1.68 0.00	32.17 1.28 0.00	32.49 1.10 0.00	31.93 1.24 0.00	35.87 1.47 0.00	37.43 2.07 0.00	56.70 3.71 0.00	55.47 4.06 0.00	128.67 8.82 0.00	71.26 4.68 0.00	55.61 3.50 0.00	46.74 2.74 0.00	48.99 2.73 0.00	39.31 2.02 0.00
SOUTH HAMPTN___IC 23720	51.34 3.73 0.00	38.61 2.30 0.00	34.45 1.97 0.00	33.86 1.84 0.00	37.36 1.90 0.00	46.58 2.92 0.00	57.42 3.60 0.00	63.13 4.26 0.00	57.13 4.11 0.00	55.05 4.03 0.00	38.44 2.71 0.00	32.88 1.99 0.00	33.07 1.67 0.00	32.18 1.49 0.00	36.49 2.09 0.01	38.06 2.70 0.00	56.74 3.75 0.00	55.70 4.30 0.00	127.12 7.28 0.00	71.43 4.85 0.00	56.47 4.37 0.00	47.83 3.83 0.00	49.99 3.73 0.00	39.91 2.63 0.00
SOUTHDOW_115KV_TB1 355954	43.97 -3.64 0.00	33.60 -2.71 0.00	29.94 -2.44 0.09	29.39 -2.61 0.02	32.93 -2.54 0.00	40.95 -2.72 0.00	50.88 -2.92 0.02	51.78 -3.60 3.49	46.66 -2.87 3.49	42.65 -2.63 5.74	34.53 -1.20 0.00	29.57 -1.32 0.00	30.14 -1.26 0.00	29.56 -1.14 0.00	33.38 -1.02 0.00	34.64 -0.71 0.00	51.35 -1.64 0.00	50.62 -0.78 0.00	117.45 -2.39 0.00	65.66 -0.92 0.00	51.77 -0.33 0.00	44.43 0.43 0.00	47.19 0.93 0.00	38.02 0.74 0.00
SOUTHOLD_69_KV_BK 2 55809	50.77 3.16 0.00	38.15 1.84 0.00	34.04 1.57 0.00	33.46 1.43 0.00	36.94 1.47 0.00	46.07 2.40 0.00	56.83 3.01 0.00	62.52 3.65 0.00	56.61 3.58 0.00	54.57 3.55 0.00	38.07 2.34 0.00	32.54 1.65 0.00	32.66 1.26 0.00	31.79 1.10 0.00	36.08 1.68 0.01	37.67 2.31 0.00	56.41 3.42 0.00	55.50 4.09 0.00	126.24 6.40 0.00	71.12 4.54 0.00	56.68 4.58 0.00	48.20 4.20 0.00	50.38 4.12 0.00	40.06 2.77 0.00
SOUTHOLD___IC 23719	50.77 3.16 0.00	38.15 1.84 0.00	34.05 1.57 0.00	33.45 1.43 0.00	36.94 1.47 0.00	46.07 2.40 0.00	56.83 3.01 0.00	62.53 3.66 0.00	56.61 3.58 0.00	54.56 3.55 0.00	38.07 2.34 0.00	32.54 1.65 0.00	32.66 1.26 0.00	31.78 1.10 0.00	36.08 1.68 0.01	37.67 2.31 0.00	56.42 3.43 0.00	55.51 4.10 0.00	126.27 6.43 0.00	71.11 4.53 0.00	56.69 4.58 0.00	48.20 4.20 0.00	50.38 4.12 0.00	40.06 2.78 0.00
SOUTH_FORK_WT_PWR 323839	49.95 2.35 0.00	37.54 1.23 0.00	33.48 1.00 0.00	32.91 0.89 0.00	36.33 0.86 0.00	45.32 1.65 0.00	55.92 2.10 0.00	61.51 2.64 0.00	55.69 2.66 0.00	53.68 2.66 0.00	37.44 1.71 0.00	32.01 1.12 0.00	32.10 0.71 0.00	31.26 0.57 0.00	35.48 1.08 0.01	37.06 1.70 0.00	55.63 2.65 0.00	54.76 3.35 0.00	124.29 4.45 0.00	70.15 3.57 0.00	56.27 4.16 0.00	47.99 3.98 0.00	50.18 3.92 0.00	39.82 2.54 0.00
SPIERFLS_115KV_TB 1 80737	49.31 1.70 0.00	37.42 1.11 0.00	33.42 0.94 0.00	33.03 1.00 0.00	36.53 1.07 0.00	45.19 1.52 0.00	55.95 2.13 0.00	61.57 2.70 0.00	55.33 2.31 0.00	53.03 2.01 0.00	36.61 0.88 0.00	31.54 0.65 0.00	32.06 0.66 0.00	31.48 0.79 0.00	35.44 1.04 0.00	36.92 1.56 0.00	55.51 2.52 0.00	54.16 2.75 0.00	125.20 5.36 0.00	69.45 2.87 0.00	54.20 2.09 0.00	45.55 1.54 0.00	47.50 1.24 0.00	38.17 0.88 0.00
ST LAWRENCE____ 23600	42.85 -0.41 4.34	32.46 -0.21 3.64	28.85 -0.23 3.40	28.44 -0.22 3.37	31.63 -0.25 3.58	39.30 -0.26 4.10	48.75 -0.32 4.75	53.36 -0.43 5.07	47.46 -0.45 5.12	44.76 -0.49 5.77	31.89 -0.23 3.61	27.39 -0.20 3.31	27.92 -0.14 3.34	27.25 -0.15 3.29	30.74 -0.14 3.53	31.30 -0.48 3.57	48.02 -0.29 4.68	46.24 -0.58 4.59	110.41 -0.48 8.95	60.62 -0.42 5.55	49.48 -0.33 2.29	43.81 -0.19 0.00	46.30 0.04 0.00	37.39 0.11 0.00
STATE_CA_115KV_115_LB 55624	49.74 2.13 0.00	37.90 1.59 0.00	33.88 1.40 0.00	33.43 1.41 0.00	36.98 1.52 0.00	45.42 1.76 0.00	55.60 1.78 0.00	60.77 1.90 0.00	54.74 1.72 0.00	52.62 1.60 0.00	36.56 0.83 0.00	31.62 0.73 0.00	32.07 0.67 0.00	31.38 0.69 0.00	35.16 0.76 0.00	36.44 1.08 0.00	54.53 1.54 0.00	53.09 1.69 0.00	122.92 3.08 0.00	68.25 1.67 0.00	53.31 1.21 0.00	44.89 0.88 0.00	47.03 0.77 0.00	37.83 0.55 0.00

STATE_ST_34_KV_LOAD 55959	46.85 -0.76 0.00	35.72 -0.59 0.00	31.97 -0.51 0.00	31.47 -0.55 0.00	34.96 -0.51 0.00	42.98 -0.69 0.00	53.34 -0.48 0.00	58.30 -0.58 0.00	52.45 -0.57 0.00	50.37 -0.65 0.00	35.42 -0.31 0.00	30.59 -0.31 0.00	31.18 -0.22 0.00	30.48 -0.21 0.00	34.22 -0.18 0.00	35.20 -0.16 0.00	52.43 -0.56 0.00	51.17 -0.24 0.00	119.50 -0.34 0.00	66.29 -0.30 0.00	51.97 -0.14 0.00	43.95 -0.06 0.00	46.21 -0.05 0.00	37.09 -0.19 0.00
STATION 5_MISC_HYD 23604	45.02 -2.59 0.00	34.35 -1.96 0.00	30.74 -1.74 0.00	30.21 -1.81 0.00	33.65 -1.82 0.00	41.63 -2.04 0.00	51.60 -2.22 0.00	56.01 -2.86 0.00	50.59 -2.44 0.00	48.46 -2.56 0.00	34.21 -1.52 0.00	29.60 -1.29 0.00	30.29 -1.10 0.00	29.57 -1.12 0.00	33.41 -0.99 0.00	34.53 -0.83 0.00	51.00 -1.99 0.00	49.74 -1.67 0.00	115.63 -4.21 0.00	64.30 -2.28 0.00	50.36 -1.75 0.00	42.82 -1.18 0.00	45.27 -0.99 0.00	36.64 -0.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.81 -1.80 0.00	34.92 -1.40 0.00	31.24 -1.23 0.00	30.72 -1.30 0.00	34.18 -1.29 0.00	42.31 -1.36 0.00	52.45 -1.37 0.00	57.19 -1.68 0.00	51.53 -1.49 0.00	49.42 -1.60 0.00	34.86 -0.87 0.00	30.12 -0.77 0.00	30.81 -0.59 0.00	30.08 -0.61 0.00	33.91 -0.50 0.00	35.07 -0.29 0.00	51.93 -1.06 0.00	50.69 -0.72 0.00	117.90 -1.94 0.00	65.53 -1.05 0.00	51.30 -0.81 0.00	43.52 -0.49 0.00	45.86 -0.40 0.00	37.02 -0.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	44.89 -2.72 0.00	34.24 -2.07 0.00	30.64 -1.83 0.00	30.13 -1.89 0.00	33.54 -1.93 0.00	41.49 -2.18 0.00	51.43 -2.39 0.00	55.86 -3.01 0.00	50.43 -2.60 0.00	48.31 -2.71 0.00	34.11 -1.62 0.00	29.51 -1.38 0.00	30.20 -1.20 0.00	29.49 -1.20 0.00	33.30 -1.11 0.00	34.41 -0.95 0.00	50.87 -2.12 0.00	49.60 -1.80 0.00	115.28 -4.56 0.00	64.10 -2.48 0.00	50.19 -1.91 0.00	42.65 -1.36 0.00	45.07 -1.19 0.00	36.46 -0.83 0.00
STA_56___34_KV_BUS2 355983	44.89 -2.72 0.00	34.24 -2.07 0.00	30.64 -1.83 0.00	30.13 -1.89 0.00	33.54 -1.93 0.00	41.49 -2.18 0.00	51.43 -2.39 0.00	55.86 -3.01 0.00	50.43 -2.60 0.00	48.31 -2.71 0.00	34.11 -1.62 0.00	29.51 -1.38 0.00	30.20 -1.20 0.00	29.49 -1.20 0.00	33.30 -1.11 0.00	34.41 -0.95 0.00	50.87 -2.12 0.00	49.60 -1.80 0.00	115.28 -4.56 0.00	64.10 -2.48 0.00	50.19 -1.91 0.00	42.65 -1.36 0.00	45.07 -1.19 0.00	36.46 -0.83 0.00
STA_67___115KV_BK2 355882	44.93 -2.68 0.00	34.28 -2.03 0.00	30.67 -1.80 0.00	30.16 -1.87 0.00	33.57 -1.89 0.00	41.53 -2.14 0.00	51.47 -2.35 0.00	55.85 -3.02 0.00	50.42 -2.60 0.00	48.30 -2.72 0.00	34.11 -1.62 0.00	29.51 -1.38 0.00	30.21 -1.19 0.00	29.49 -1.20 0.00	33.31 -1.09 0.00	34.44 -0.93 0.00	50.85 -2.14 0.00	49.61 -1.80 0.00	115.28 -4.56 0.00	64.11 -2.47 0.00	50.21 -1.89 0.00	42.69 -1.31 0.00	45.17 -1.10 0.00	36.55 -0.73 0.00
STA_7___115KV_9TRANS 80674	45.26 -2.35 0.00	34.54 -1.78 0.00	30.89 -1.59 0.00	30.35 -1.67 0.00	33.81 -1.66 0.00	41.84 -1.83 0.00	51.88 -1.94 0.00	56.33 -2.54 0.00	50.87 -2.16 0.00	48.72 -2.31 0.00	34.40 -1.33 0.00	29.76 -1.13 0.00	30.48 -0.92 0.00	29.76 -0.93 0.00	33.62 -0.78 0.00	34.75 -0.61 0.00	51.33 -1.65 0.00	50.10 -1.31 0.00	116.39 -3.45 0.00	64.75 -1.83 0.00	50.70 -1.41 0.00	43.09 -0.91 0.00	45.55 -0.72 0.00	36.83 -0.45 0.00
STA_82___115KV_TB1 80780	44.93 -2.68 0.00	34.28 -2.03 0.00	30.68 -1.80 0.00	30.16 -1.86 0.00	33.58 -1.88 0.00	41.54 -2.13 0.00	51.49 -2.33 0.00	55.87 -3.00 0.00	50.44 -2.58 0.00	48.31 -2.71 0.00	34.12 -1.61 0.00	29.52 -1.37 0.00	30.23 -1.17 0.00	29.50 -1.19 0.00	33.33 -1.07 0.00	34.45 -0.91 0.00	50.89 -2.10 0.00	49.63 -1.78 0.00	115.31 -4.53 0.00	64.16 -2.43 0.00	50.25 -1.85 0.00	42.72 -1.28 0.00	45.18 -1.08 0.00	36.57 -0.72 0.00
STEEL___WIND 323596	43.36 -4.25 0.00	33.19 -3.12 0.00	29.56 -2.76 0.16	29.03 -2.96 0.03	32.50 -2.97 0.00	40.25 -3.41 0.00	49.85 -3.93 0.03	47.99 -4.96 5.92	42.84 -4.26 5.93	37.01 -4.26 9.75	33.20 -2.53 0.00	28.67 -2.22 0.00	29.40 -2.00 0.00	28.70 -1.99 0.00	32.58 -1.82 0.00	33.67 -1.68 0.00	49.37 -3.62 0.00	48.38 -3.03 0.00	112.47 -7.37 0.00	62.72 -3.86 0.00	49.37 -2.73 0.00	42.31 -1.69 0.00	45.16 -1.10 0.00	36.67 -0.62 0.00
STEPHTWN_115KV_BK_2 55603	50.12 2.51 0.00	38.16 1.85 0.00	34.07 1.60 0.00	33.58 1.56 0.00	37.20 1.73 0.00	45.73 2.06 0.00	56.13 2.31 0.00	61.39 2.52 0.00	55.25 2.22 0.00	53.01 1.99 0.00	36.84 1.11 0.00	31.83 0.94 0.00	32.28 0.89 0.00	31.62 0.93 0.00	35.44 1.04 0.00	36.74 1.38 0.00	55.04 2.05 0.00	53.60 2.19 0.00	124.13 4.29 0.00	68.92 2.34 0.00	53.83 1.73 0.00	45.37 1.37 0.00	47.56 1.30 0.00	38.18 0.89 0.00
STEUBEN_REC_LFGE 323667	42.98 -4.63 0.00	32.97 -3.33 0.00	29.97 -2.84 -0.34	28.79 -3.31 -0.07	32.06 -3.40 0.00	39.62 -4.05 0.00	49.58 -4.31 -0.07	67.13 -4.54 -12.80	61.17 -4.66 -12.80	67.71 -4.35 -21.04	33.09 -2.64 0.00	28.52 -2.37 0.00	29.28 -2.12 0.00	28.66 -2.03 0.00	32.20 -2.20 0.00	33.71 -1.65 0.00	50.06 -2.94 -0.01	49.38 -2.02 0.00	114.79 -5.05 0.00	64.26 -2.33 0.00	51.14 -0.96 0.00	43.69 -0.32 0.00	46.31 0.05 0.00	37.38 0.10 0.00
STILLWATER___SOLAR 323814	50.12 2.51 0.00	38.09 1.78 0.00	34.00 1.53 0.00	33.58 1.56 0.00	37.16 1.69 0.00	45.87 2.20 0.00	56.69 2.87 0.00	62.23 3.36 0.00	55.92 2.90 0.00	53.59 2.57 0.00	37.12 1.38 0.00	32.04 1.15 0.00	32.56 1.16 0.00	31.92 1.23 0.00	35.89 1.48 0.00	37.31 1.96 0.00	55.98 2.99 0.00	54.57 3.17 0.00	126.29 6.45 0.00	70.13 3.55 0.00	54.76 2.66 0.00	46.03 2.03 0.00	48.10 1.84 0.00	38.65 1.37 0.00
STONY___BROOK 24151	51.63 4.02 0.00	38.84 2.53 0.00	34.66 2.19 0.00	34.05 2.03 0.00	37.57 2.11 0.00	46.81 3.15 0.00	57.68 3.86 0.00	63.40 4.53 0.00	57.36 4.34 0.00	55.31 4.30 0.00	38.64 2.91 0.00	33.08 2.19 0.00	33.38 1.98 0.00	32.49 1.80 0.00	36.80 2.39 0.00	38.28 2.92 0.00	56.80 3.81 0.00	55.68 4.28 0.00	127.43 7.59 0.00	71.44 4.86 0.00	56.14 4.04 0.00	47.43 3.43 0.00	49.54 3.28 0.00	39.71 2.42 0.00
STURGEON_POOL_HYD 23609	51.36 3.76 0.00	39.02 2.71 0.00	34.80 2.32 0.00	34.29 2.27 0.00	37.93 2.46 0.00	46.91 3.24 0.00	58.03 4.21 0.00	63.71 4.84 0.00	57.60 4.57 0.00	55.69 4.67 0.00	38.99 3.26 0.00	33.52 2.63 0.00	33.82 2.43 0.00	32.98 2.29 0.00	36.94 2.54 0.00	38.46 3.11 0.00	57.15 4.16 0.00	55.77 4.37 0.00	128.75 8.90 0.00	71.73 5.15 0.00	56.22 4.11 0.00	47.34 3.34 0.00	49.38 3.12 0.00	39.67 2.39 0.00
ST_LAW_115_BK7_LBMP 345037	42.87 -0.40 4.34	32.47 -0.20 3.64	28.86 -0.22 3.40	28.44 -0.21 3.37	31.64 -0.25 3.58	39.30 -0.26 4.10	48.76 -0.32 4.75	53.36 -0.44 5.07	47.46 -0.45 5.12	44.76 -0.49 5.77	31.88 -0.24 3.61	27.39 -0.20 3.31	27.92 -0.14 3.34	27.25 -0.15 3.29	30.74 -0.14 3.53	31.30 -0.48 3.57	48.03 -0.28 4.68	46.24 -0.58 4.59	110.41 -0.48 8.95	60.62 -0.42 5.55	49.48 -0.33 2.29	43.82 -0.19 0.00	46.30 0.04 0.00	37.40 0.12 0.00

ST_LAW_115_BK8_LBMP 345038	42.87 -0.40 4.34	32.47 -0.20 3.64	28.86 -0.22 3.40	28.44 -0.21 3.37	31.64 -0.25 3.58	39.30 -0.26 4.10	48.76 -0.32 4.75	53.36 -0.44 5.07	47.46 -0.45 5.12	44.76 -0.49 5.77	31.88 -0.24 3.61	27.39 -0.20 3.31	27.92 -0.14 3.34	27.25 -0.15 3.29	30.74 -0.14 3.53	31.30 -0.48 3.57	48.03 -0.28 4.68	46.24 -0.58 4.59	110.41 -0.48 8.95	60.62 -0.42 5.55	49.48 -0.33 2.29	43.82 -0.19 0.00	46.30 0.04 0.00	37.40 0.12 0.00
ST_LAW_230_BK5_LBMP 345035	42.85 -0.41 4.34	32.46 -0.21 3.64	28.85 -0.23 3.40	28.44 -0.22 3.37	31.63 -0.25 3.58	39.30 -0.26 4.10	48.75 -0.32 4.75	53.36 -0.43 5.07	47.46 -0.45 5.12	44.76 -0.49 5.77	31.89 -0.23 3.61	27.39 -0.20 3.31	27.92 -0.14 3.34	27.25 -0.15 3.29	30.74 -0.14 3.53	31.30 -0.48 3.57	48.02 -0.29 4.68	46.24 -0.58 4.59	110.41 -0.48 8.95	60.62 -0.42 5.55	49.48 -0.33 2.29	43.81 -0.19 0.00	46.30 0.04 0.00	37.39 0.11 0.00
ST_LAW_230_BK6_LBMP 345036	42.85 -0.41 4.34	32.46 -0.21 3.64	28.85 -0.23 3.40	28.44 -0.22 3.37	31.63 -0.25 3.58	39.30 -0.26 4.10	48.75 -0.32 4.75	53.36 -0.43 5.07	47.46 -0.45 5.12	44.76 -0.49 5.77	31.89 -0.23 3.61	27.39 -0.20 3.31	27.92 -0.14 3.34	27.25 -0.15 3.29	30.74 -0.14 3.53	31.30 -0.48 3.57	48.02 -0.29 4.68	46.24 -0.58 4.59	110.41 -0.48 8.95	60.62 -0.42 5.55	49.48 -0.33 2.29	43.81 -0.19 0.00	46.30 0.04 0.00	37.39 0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	49.97 2.36 0.00	38.00 1.69 0.00	33.91 1.44 0.00	33.44 1.41 0.00	37.00 1.53 0.00	45.69 2.02 0.00	56.37 2.55 0.00	61.76 2.89 0.00	55.76 2.74 0.00	53.89 2.87 0.00	37.79 2.06 0.00	32.60 1.71 0.00	32.97 1.58 0.00	32.17 1.48 0.00	36.01 1.60 0.00	37.35 1.99 0.00	55.39 2.40 0.00	53.94 2.54 0.00	124.58 4.74 0.00	69.42 2.84 0.00	54.40 2.30 0.00	45.88 1.88 0.00	47.95 1.69 0.00	38.61 1.32 0.00
SWANROAD_115KV_TB1 355699	42.09 -5.52 0.00	32.18 -4.13 0.00	28.74 -3.62 0.12	28.29 -3.71 0.03	31.58 -3.88 0.00	39.09 -4.58 0.00	48.39 -5.41 0.03	47.75 -6.56 4.56	42.87 -5.60 4.56	38.09 -5.43 7.50	32.00 -3.73 0.00	27.71 -3.18 0.00	28.47 -2.93 0.00	27.78 -2.91 0.00	31.52 -2.88 0.00	32.57 -2.78 0.00	47.50 -5.49 0.00	46.45 -4.95 0.00	107.92 -11.92 0.00	60.10 -6.48 0.00	47.27 -4.83 0.00	40.60 -3.40 0.00	43.45 -2.82 0.00	35.46 -1.83 0.00
SYNERGY___BIOGAS 323694	44.75 -2.86 0.00	34.15 -2.16 0.00	30.51 -1.89 0.08	29.98 -2.02 0.02	33.50 -1.96 0.00	41.59 -2.08 0.00	51.67 -2.14 0.02	53.13 -2.78 2.96	47.83 -2.23 2.96	43.82 -2.33 4.87	34.33 -1.41 0.00	29.64 -1.25 0.00	30.39 -1.01 0.00	29.71 -0.98 0.00	33.68 -0.72 0.00	34.83 -0.53 0.00	51.23 -1.76 0.00	50.13 -1.27 0.00	116.43 -3.41 0.00	64.75 -1.83 0.00	50.77 -1.33 0.00	43.28 -0.72 0.00	45.95 -0.31 0.00	37.25 -0.03 0.00
SYRACUSE___ENERGY_ST1 323597	46.64 -0.97 0.00	35.52 -0.79 0.00	31.79 -0.69 0.00	31.34 -0.69 0.00	34.75 -0.72 0.00	42.84 -0.83 0.00	52.98 -0.85 0.00	57.96 -0.91 0.00	52.16 -0.87 0.00	50.12 -0.90 0.00	35.16 -0.57 0.00	30.42 -0.47 0.00	30.96 -0.44 0.00	30.27 -0.42 0.00	33.94 -0.46 0.00	35.02 -0.33 0.00	52.22 -0.77 0.00	50.86 -0.54 0.00	118.43 -1.41 0.00	65.79 -0.79 0.00	51.48 -0.62 0.00	43.49 -0.52 0.00	45.70 -0.56 0.00	36.78 -0.51 0.00
SYRACUSE___ENERGY_ST2 323598	46.64 -0.97 0.00	35.52 -0.79 0.00	31.79 -0.69 0.00	31.34 -0.69 0.00	34.75 -0.72 0.00	42.84 -0.83 0.00	52.98 -0.85 0.00	57.96 -0.91 0.00	52.16 -0.87 0.00	50.12 -0.90 0.00	35.16 -0.57 0.00	30.42 -0.47 0.00	30.96 -0.44 0.00	30.27 -0.42 0.00	33.94 -0.46 0.00	35.02 -0.33 0.00	52.22 -0.77 0.00	50.86 -0.54 0.00	118.43 -1.41 0.00	65.79 -0.79 0.00	51.48 -0.62 0.00	43.49 -0.52 0.00	45.70 -0.56 0.00	36.78 -0.51 0.00
SYRACUSE___POWER 24017	46.77 -0.83 0.00	35.61 -0.70 0.00	31.87 -0.61 0.00	31.40 -0.62 0.00	34.83 -0.64 0.00	42.95 -0.72 0.00	53.10 -0.72 0.00	58.15 -0.72 0.00	52.33 -0.70 0.00	50.29 -0.73 0.00	35.26 -0.47 0.00	30.50 -0.39 0.00	31.05 -0.35 0.00	30.35 -0.34 0.00	34.04 -0.37 0.00	35.15 -0.21 0.00	52.37 -0.62 0.00	51.03 -0.37 0.00	118.75 -1.09 0.00	66.01 -0.57 0.00	51.63 -0.48 0.00	43.60 -0.40 0.00	45.81 -0.45 0.00	36.88 -0.40 0.00
TALLMAN___138KV_BK151 55660	50.06 2.45 0.00	38.06 1.75 0.00	33.96 1.48 0.00	33.48 1.46 0.00	37.06 1.59 0.00	45.77 2.11 0.00	56.45 2.63 0.00	61.82 2.95 0.00	55.85 2.82 0.00	54.00 2.98 0.00	37.89 2.16 0.00	32.70 1.81 0.00	33.09 1.69 0.00	32.27 1.58 0.00	36.09 1.69 0.00	37.44 2.08 0.00	55.43 2.44 0.00	53.98 2.58 0.00	124.52 4.68 0.00	69.43 2.85 0.00	54.45 2.34 0.00	45.92 1.91 0.00	47.98 1.72 0.00	38.64 1.36 0.00
TEALLAVE_115KV_TB7 355573	46.50 -1.11 0.00	35.41 -0.90 0.00	31.69 -0.78 0.00	31.23 -0.80 0.00	34.63 -0.83 0.00	42.71 -0.95 0.00	52.80 -1.03 0.00	57.78 -1.09 0.00	52.01 -1.01 0.00	50.02 -1.00 0.00	35.07 -0.66 0.00	30.34 -0.55 0.00	30.88 -0.51 0.00	30.19 -0.50 0.00	33.86 -0.54 0.00	34.94 -0.42 0.00	52.05 -0.94 0.00	50.68 -0.73 0.00	117.93 -1.92 0.00	65.52 -1.06 0.00	51.26 -0.85 0.00	43.30 -0.71 0.00	45.50 -0.76 0.00	36.65 -0.64 0.00
TELGRAPH_34_KV_EAST 80808	43.70 -3.91 0.00	33.38 -2.93 0.00	29.81 -2.57 0.10	29.31 -2.69 0.02	32.74 -2.72 0.00	40.58 -3.08 0.00	50.33 -3.47 0.02	50.81 -4.40 3.66	45.68 -3.68 3.67	41.28 -3.71 6.03	33.36 -2.37 0.00	28.86 -2.03 0.00	29.63 -1.77 0.00	28.94 -1.75 0.00	32.81 -1.59 0.00	33.93 -1.43 0.00	49.69 -3.30 0.00	48.60 -2.80 0.00	112.89 -6.95 0.00	62.84 -3.74 0.00	49.35 -2.76 0.00	42.23 -1.77 0.00	44.97 -1.29 0.00	36.56 -0.73 0.00
TEMPLE___115KV_TB 2 55572	46.53 -1.08 0.00	35.44 -0.87 0.00	31.72 -0.76 0.00	31.24 -0.78 0.00	34.65 -0.82 0.00	42.74 -0.93 0.00	52.82 -1.00 0.00	57.80 -1.07 0.00	52.05 -0.98 0.00	50.04 -0.98 0.00	35.09 -0.64 0.00	30.36 -0.53 0.00	30.91 -0.49 0.00	30.21 -0.48 0.00	33.89 -0.52 0.00	34.97 -0.39 0.00	52.08 -0.91 0.00	50.72 -0.69 0.00	118.00 -1.84 0.00	65.58 -1.00 0.00	51.31 -0.80 0.00	43.34 -0.67 0.00	45.53 -0.73 0.00	36.68 -0.61 0.00
TIANA____69_KV_BK 1 55817	51.50 3.89 0.00	38.73 2.42 0.00	34.56 2.08 0.00	33.96 1.94 0.00	37.48 2.01 0.00	46.72 3.05 0.00	57.58 3.76 0.00	63.31 4.43 0.00	57.29 4.26 0.00	55.21 4.19 0.00	38.55 2.82 0.00	32.97 2.09 0.00	33.17 1.77 0.00	32.28 1.59 0.00	36.60 2.20 0.01	38.16 2.81 0.00	56.84 3.85 0.00	55.80 4.39 0.00	127.45 7.61 0.00	71.56 4.98 0.00	56.47 4.37 0.00	47.79 3.79 0.00	49.95 3.68 0.00	39.91 2.63 0.00
TILDEN___115KV_TB1 80814	46.77 -0.83 0.00	35.61 -0.70 0.00	31.87 -0.61 0.00	31.40 -0.62 0.00	34.83 -0.64 0.00	42.95 -0.72 0.00	53.10 -0.72 0.00	58.15 -0.72 0.00	52.33 -0.70 0.00	50.29 -0.73 0.00	35.26 -0.47 0.00	30.50 -0.39 0.00	31.05 -0.35 0.00	30.35 -0.34 0.00	34.04 -0.37 0.00	35.15 -0.21 0.00	52.37 -0.62 0.00	51.03 -0.37 0.00	118.75 -1.09 0.00	66.01 -0.57 0.00	51.63 -0.48 0.00	43.60 -0.40 0.00	45.81 -0.45 0.00	36.88 -0.40 0.00

TRIGEN___CC 323695	51.03 3.42 0.00	38.59 2.28 0.00	34.43 1.95 0.00	33.89 1.86 0.00	37.43 1.96 0.00	46.45 2.78 0.00	57.15 3.33 0.00	62.72 3.85 0.00	56.75 3.72 0.00	54.87 3.86 0.00	38.39 2.66 0.00	33.04 2.15 0.00	33.41 2.01 0.00	32.57 1.87 0.00	36.65 2.24 -0.01	37.96 2.60 0.00	56.16 3.17 0.00	54.86 3.45 0.00	125.78 5.94 0.00	70.44 3.86 0.00	55.26 3.16 0.00	46.67 2.67 0.00	48.76 2.50 0.00	39.18 1.90 0.00
TRINITY___115KV___4 BK 55933	49.61 2.00 0.00	37.80 1.50 0.00	33.78 1.31 0.00	33.35 1.32 0.00	36.88 1.42 0.00	45.30 1.63 0.00	55.44 1.62 0.00	60.58 1.71 0.00	54.56 1.53 0.00	52.43 1.41 0.00	36.42 0.69 0.00	31.50 0.61 0.00	31.94 0.54 0.00	31.25 0.56 0.00	35.02 0.62 0.00	36.29 0.93 0.00	54.30 1.31 0.00	52.84 1.44 0.00	122.37 2.53 0.00	67.96 1.38 0.00	53.08 0.98 0.00	44.71 0.71 0.00	46.86 0.59 0.00	37.70 0.41 0.00
UNION___PROCESSING_DRP 323587	44.95 -2.66 0.00	34.30 -2.01 0.00	30.69 -1.79 0.00	30.16 -1.86 0.00	33.59 -1.88 0.00	41.55 -2.11 0.00	51.50 -2.32 0.00	55.89 -2.98 0.00	50.47 -2.56 0.00	48.32 -2.70 0.00	34.13 -1.60 0.00	29.53 -1.36 0.00	30.23 -1.17 0.00	29.52 -1.17 0.00	33.35 -1.06 0.00	34.46 -0.90 0.00	50.90 -2.09 0.00	49.65 -1.76 0.00	115.40 -4.44 0.00	64.17 -2.41 0.00	50.26 -1.84 0.00	42.74 -1.27 0.00	45.19 -1.08 0.00	36.57 -0.72 0.00
UPPER HUDSON___HYD 24058	49.31 1.70 0.00	37.42 1.11 0.00	33.41 0.94 0.00	33.03 1.00 0.00	36.54 1.07 0.00	45.19 1.53 0.00	55.95 2.13 0.00	61.57 2.70 0.00	55.33 2.31 0.00	53.02 2.00 0.00	36.61 0.88 0.00	31.54 0.65 0.00	32.05 0.66 0.00	31.48 0.79 0.00	35.44 1.04 0.00	36.92 1.56 0.00	55.51 2.52 0.00	54.16 2.75 0.00	125.20 5.36 0.00	69.45 2.87 0.00	54.20 2.09 0.00	45.54 1.54 0.00	47.50 1.24 0.00	38.17 0.88 0.00
UPPER RAQUET___HYD 24056	91.56 -1.15 -45.10	73.17 -0.92 -37.78	66.95 -0.81 -35.29	66.12 -0.88 -34.98	71.44 -1.22 -37.19	85.13 -1.12 -42.59	102.94 -0.19 -49.31	111.39 -0.18 -52.70	101.30 -0.25 -48.53	96.68 -0.42 -46.08	72.99 -0.24 -37.50	64.79 -0.43 -34.33	65.47 -0.58 -34.66	64.58 -0.30 -34.19	70.71 -0.30 -36.61	72.62 0.16 -37.10	102.11 0.52 -48.61	98.60 -0.45 -47.64	215.45 2.63 -92.97	122.56 -1.62 -57.60	74.50 -1.42 -23.81	42.67 -1.33 0.00	46.97 0.71 0.00	37.66 0.38 0.00
VALLEY44_115KV_TB2 355964	44.52 -3.09 0.00	34.02 -2.29 0.00	30.40 -2.01 0.07	29.78 -2.23 0.02	33.39 -2.08 0.00	41.30 -2.36 0.00	51.07 -2.74 0.02	52.39 -3.82 2.66	46.97 -3.40 2.66	43.23 -3.41 4.38	33.72 -2.01 0.00	29.20 -1.69 0.00	30.08 -1.32 0.00	29.45 -1.24 0.00	33.17 -1.24 0.00	34.38 -0.99 0.00	50.29 -2.70 0.00	49.14 -2.27 0.00	113.90 -5.94 0.00	63.65 -2.93 0.00	50.02 -2.08 0.00	42.86 -1.14 0.00	45.79 -0.48 0.00	36.98 -0.31 0.00
VALLEY___115KV_TB 1-4 80826	47.97 0.36 0.00	36.60 0.28 0.00	32.62 0.15 0.00	32.18 0.16 0.00	35.70 0.23 0.00	44.02 0.36 0.00	54.42 0.60 0.00	59.51 0.63 0.00	53.37 0.32 -0.02	51.28 0.18 -0.07	35.72 -0.01 0.00	30.84 -0.05 0.00	31.09 -0.31 0.00	30.38 -0.31 0.00	34.15 -0.26 0.00	35.59 0.23 0.00	53.27 0.28 0.00	51.86 0.45 0.00	120.17 0.33 0.00	66.63 0.05 0.00	52.23 0.12 0.00	43.96 -0.05 0.00	46.04 -0.22 0.00	36.95 -0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	49.82 2.21 0.00	37.90 1.59 0.00	33.95 1.47 0.00	33.44 1.42 0.00	37.09 1.62 0.00	45.62 1.95 0.00	56.40 2.58 0.00	61.75 2.88 0.00	55.57 2.55 0.00	53.50 2.48 0.00	37.49 1.76 0.00	32.32 1.42 0.00	32.84 1.44 0.00	32.04 1.35 0.00	35.92 1.51 0.00	37.14 1.78 0.00	55.44 2.45 0.00	54.15 2.74 0.00	125.69 5.85 0.00	69.92 3.34 0.00	54.78 2.67 0.00	46.17 2.17 0.00	48.44 2.18 0.00	38.93 1.65 0.00
VISCHER___FERRY HYD 24020	49.80 2.19 0.00	37.87 1.56 0.00	33.81 1.33 0.00	33.39 1.37 0.00	36.94 1.47 0.00	45.54 1.88 0.00	56.11 2.29 0.00	61.49 2.62 0.00	55.34 2.32 0.00	53.13 2.11 0.00	36.86 1.13 0.00	31.83 0.94 0.00	32.29 0.89 0.00	31.61 0.92 0.00	35.51 1.10 0.00	36.85 1.49 0.00	55.19 2.19 0.00	53.73 2.33 0.00	124.34 4.50 0.00	69.11 2.53 0.00	53.96 1.85 0.00	45.39 1.38 0.00	47.50 1.24 0.00	38.21 0.92 0.00
V_A_10_SYNC_DSASP 323832	43.41 -4.20 0.00	33.16 -3.15 0.00	29.62 -2.78 0.07	29.13 -2.88 0.02	32.53 -2.94 0.00	40.25 -3.42 0.00	49.77 -4.03 0.02	50.88 -5.13 2.86	45.70 -4.45 2.87	41.78 -4.53 4.71	32.93 -2.80 0.00	28.48 -2.41 0.00	29.24 -2.15 0.00	28.46 -2.23 0.00	32.29 -2.12 0.00	33.37 -1.99 0.00	48.96 -4.03 0.00	47.79 -3.62 0.00	111.05 -8.79 0.00	61.85 -4.73 0.00	48.55 -3.55 0.00	41.52 -2.49 0.00	44.18 -2.09 0.00	35.90 -1.39 0.00
V_CMM_10_SYNC_DSASP 323787	43.11 -0.16 4.34	32.65 -0.02 3.64	29.01 -0.07 3.40	28.59 -0.06 3.37	31.81 -0.07 3.58	39.52 -0.05 4.10	49.02 -0.05 4.75	53.65 -0.15 5.07	47.72 -0.19 5.12	45.01 -0.24 5.77	32.05 -0.07 3.61	27.53 -0.05 3.31	28.08 0.02 3.34	27.40 0.01 3.29	30.92 0.04 3.53	31.50 -0.28 3.57	48.31 0.00 4.68	46.49 -0.33 4.59	111.01 0.12 8.95	60.95 -0.08 5.55	49.74 -0.07 2.29	44.03 0.03 0.00	46.54 0.27 0.00	37.59 0.30 0.00
V_CMP_10_SYNC_DSASP 323788	-21.45 -1.54 67.51	-21.48 -1.24 56.55	-21.44 -1.09 52.83	-21.37 -1.03 52.36	-21.42 -1.21 55.67	-21.47 -1.38 63.75	-21.40 -1.41 73.81	-21.64 -1.63 78.89	-21.81 -1.55 73.29	-21.54 -1.62 70.94	-21.52 -1.11 56.14	-21.47 -0.97 51.39	-21.46 -0.98 51.88	-21.40 -0.91 51.18	-21.42 -1.02 54.80	-21.35 -1.17 55.53	-21.09 -1.32 72.76	-21.45 -1.55 71.31	-21.90 -2.57 139.17	-21.49 -1.85 86.23	15.02 -1.44 35.64	43.16 -0.84 0.00	45.90 -0.36 0.00	37.32 0.04 0.00
V_D_10_SYNC_DSASP 323841	43.30 0.04 4.34	32.80 0.12 3.64	29.15 0.07 3.40	28.72 0.07 3.37	31.95 0.07 3.58	39.70 0.13 4.10	49.24 0.17 4.75	53.89 0.09 5.07	47.93 0.02 5.12	45.22 -0.03 5.77	32.22 0.10 3.61	27.69 0.11 3.31	28.21 0.15 3.34	27.53 0.13 3.29	31.06 0.18 3.53	31.66 -0.12 3.57	48.54 0.23 4.68	46.73 -0.09 4.59	111.51 0.62 8.95	61.23 0.20 5.55	49.95 0.14 2.29	44.23 0.23 0.00	46.73 0.47 0.00	37.74 0.46 0.00
V_E_10_SYNC_DSASP 323830	49.27 1.67 0.00	37.41 1.10 0.00	33.55 1.07 0.00	33.06 1.04 0.00	36.94 1.48 0.00	45.73 2.06 0.00	57.70 3.88 0.00	67.45 8.58 0.00	59.66 6.63 0.00	57.31 6.29 0.00	39.20 3.47 0.00	33.80 2.91 0.00	34.21 2.82 0.00	33.22 2.53 0.00	37.29 2.88 0.00	39.25 3.90 0.00	58.44 5.45 0.00	55.25 3.84 0.00	129.43 9.58 0.00	72.17 5.58 0.00	56.68 4.57 0.00	47.80 3.80 0.00	50.17 3.91 0.00	40.04 2.76 0.00
V_F_30_NSYNC___DSASP 323816	50.21 2.60 0.00	38.16 1.85 0.00	34.06 1.59 0.00	33.63 1.61 0.00	37.22 1.76 0.00	45.95 2.29 0.00	56.80 2.98 0.00	62.35 3.47 0.00	56.03 3.01 0.00	53.71 2.69 0.00	37.22 1.49 0.00	32.12 1.23 0.00	32.64 1.24 0.00	31.99 1.30 0.00	35.96 1.56 0.00	37.40 2.04 0.00	56.10 3.12 0.00	54.69 3.29 0.00	126.61 6.77 0.00	70.30 3.72 0.00	54.88 2.77 0.00	46.14 2.14 0.00	48.21 1.95 0.00	38.74 1.46 0.00

V_F_30_SYNC_DSASP 323786	49.74 2.13 0.00	37.90 1.59 0.00	33.87 1.40 0.00	33.42 1.40 0.00	36.98 1.52 0.00	45.42 1.75 0.00	55.60 1.78 0.00	60.77 1.90 0.00	54.74 1.72 0.00	52.61 1.59 0.00	36.56 0.83 0.00	31.62 0.73 0.00	32.06 0.67 0.00	31.38 0.69 0.00	35.15 0.74 0.00	36.44 1.08 0.00	54.53 1.54 0.00	53.09 1.68 0.00	122.92 3.08 0.00	68.25 1.67 0.00	53.30 1.19 0.00	44.89 0.88 0.00	47.03 0.77 0.00	37.83 0.55 0.00
V_XM_10_SYNC_DSASP 323789	-21.45 -1.54 67.51	-21.48 -1.24 56.55	-21.44 -1.09 52.83	-21.37 -1.03 52.36	-21.42 -1.21 55.67	-21.47 -1.38 63.75	-21.40 -1.41 73.81	-21.64 -1.63 78.89	-21.81 -1.55 73.29	-21.54 -1.62 70.94	-21.52 -1.11 56.14	-21.47 -0.97 51.39	-21.46 -0.98 51.88	-21.40 -0.91 51.18	-21.42 -1.02 54.80	-21.35 -1.17 55.53	-21.09 -1.32 72.76	-21.45 -1.55 71.31	-21.90 -2.57 139.17	-21.49 -1.85 86.23	15.02 -1.44 35.64	43.16 -0.84 0.00	45.90 -0.36 0.00	37.32 0.04 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.19 2.58 0.00	38.17 1.86 0.00	34.05 1.57 0.00	33.58 1.56 0.00	37.17 1.70 0.00	45.90 2.24 0.00	56.61 2.79 0.00	62.02 3.15 0.00	56.02 2.99 0.00	54.17 3.15 0.00	38.01 2.27 0.00	32.80 1.92 0.00	33.18 1.78 0.00	32.37 1.69 0.00	36.21 1.80 0.00	37.56 2.20 0.00	55.61 2.62 0.00	54.16 2.75 0.00	124.99 5.14 0.00	69.66 3.08 0.00	54.62 2.51 0.00	46.07 2.06 0.00	48.12 1.86 0.00	38.75 1.47 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.59 2.99 0.00	38.46 2.15 0.00	34.28 1.81 0.00	33.81 1.79 0.00	37.37 1.91 0.00	46.20 2.53 0.00	57.00 3.17 0.00	62.40 3.53 0.00	56.44 3.42 0.00	54.71 3.69 0.00	38.47 2.74 0.00	33.26 2.37 0.00	33.63 2.23 0.00	32.79 2.10 0.00	36.61 2.20 0.00	37.97 2.61 0.00	56.07 3.09 0.00	54.54 3.13 0.00	125.59 5.75 0.00	70.03 3.45 0.00	54.94 2.83 0.00	46.37 2.37 0.00	48.37 2.11 0.00	38.92 1.63 0.00
W50THST__13_KV_LOAD 356117	50.82 3.21 0.00	38.63 2.32 0.00	34.43 1.95 0.00	33.95 1.93 0.00	37.53 2.06 0.00	46.42 2.75 0.00	57.29 3.47 0.00	62.74 3.87 0.00	56.77 3.75 0.00	55.04 4.02 0.00	38.73 3.00 0.00	33.50 2.61 0.00	33.86 2.46 0.00	33.01 2.32 0.00	36.85 2.45 0.00	38.23 2.87 0.00	56.42 3.43 0.00	54.85 3.44 0.00	126.24 6.40 0.00	70.37 3.79 0.00	55.21 3.11 0.00	46.60 2.60 0.00	48.59 2.33 0.00	39.10 1.81 0.00
WADING RIVER_IC_1 23522	51.54 3.94 0.00	38.77 2.46 0.00	34.60 2.12 0.00	34.00 1.98 0.00	37.52 2.05 0.00	46.76 3.09 0.00	57.60 3.77 0.00	63.33 4.46 0.00	57.30 4.27 0.00	55.22 4.20 0.00	38.56 2.83 0.00	32.98 2.09 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.63 2.22 0.01	38.17 2.81 0.00	56.81 3.82 0.00	55.74 4.33 0.00	127.40 7.57 0.00	71.51 4.93 0.00	56.32 4.22 0.00	47.62 3.62 0.00	49.77 3.51 0.00	39.81 2.52 0.00
WADING RIVER_IC_2 23547	51.54 3.94 0.00	38.77 2.46 0.00	34.60 2.12 0.00	34.00 1.98 0.00	37.52 2.05 0.00	46.76 3.09 0.00	57.60 3.77 0.00	63.33 4.46 0.00	57.30 4.27 0.00	55.22 4.20 0.00	38.56 2.83 0.00	32.98 2.09 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.63 2.22 0.01	38.17 2.81 0.00	56.81 3.82 0.00	55.74 4.33 0.00	127.40 7.57 0.00	71.51 4.93 0.00	56.32 4.22 0.00	47.62 3.62 0.00	49.77 3.51 0.00	39.81 2.52 0.00
WADING RIVER_IC_3 23601	51.54 3.94 0.00	38.77 2.46 0.00	34.60 2.12 0.00	34.00 1.98 0.00	37.52 2.05 0.00	46.76 3.09 0.00	57.60 3.77 0.00	63.33 4.46 0.00	57.30 4.27 0.00	55.22 4.20 0.00	38.56 2.83 0.00	32.98 2.09 0.00	33.18 1.78 0.00	32.29 1.60 0.00	36.63 2.22 0.01	38.17 2.81 0.00	56.81 3.82 0.00	55.74 4.33 0.00	127.40 7.57 0.00	71.51 4.93 0.00	56.32 4.22 0.00	47.62 3.62 0.00	49.77 3.51 0.00	39.81 2.52 0.00
WALDENNY_12_KV_BK2 80841	43.43 -4.18 0.00	33.20 -3.11 0.00	29.57 -2.75 0.15	29.09 -2.90 0.03	32.53 -2.93 0.00	40.30 -3.37 0.00	49.92 -3.87 0.03	48.25 -4.85 5.77	43.08 -4.17 5.78	37.38 -4.14 9.50	33.23 -2.50 0.00	28.71 -2.18 0.00	29.47 -1.94 0.00	28.80 -1.89 0.00	32.64 -1.76 0.00	33.78 -1.59 0.00	49.47 -3.52 0.00	48.46 -2.95 0.00	112.61 -7.23 0.00	62.81 -3.77 0.00	49.37 -2.73 0.00	42.31 -1.69 0.00	45.16 -1.10 0.00	36.68 -0.60 0.00
WALDEN__HYDRO 24148	50.45 2.84 0.00	38.35 2.04 0.00	34.21 1.73 0.00	33.72 1.70 0.00	37.32 1.86 0.00	46.11 2.44 0.00	56.93 3.10 0.00	62.40 3.53 0.00	56.36 3.34 0.00	54.45 3.43 0.00	38.15 2.42 0.00	32.87 1.99 0.00	33.22 1.82 0.00	32.41 1.72 0.00	36.27 1.87 0.00	37.68 2.32 0.00	55.95 2.96 0.00	54.54 3.14 0.00	125.96 6.11 0.00	70.17 3.59 0.00	54.98 2.87 0.00	46.34 2.34 0.00	48.40 2.13 0.00	38.94 1.66 0.00
WARRENSBURG____ 23737	49.31 1.70 0.00	37.42 1.11 0.00	33.41 0.94 0.00	33.03 1.00 0.00	36.54 1.07 0.00	45.19 1.53 0.00	55.95 2.13 0.00	61.57 2.70 0.00	55.33 2.31 0.00	53.02 2.00 0.00	36.61 0.88 0.00	31.54 0.65 0.00	32.05 0.66 0.00	31.48 0.79 0.00	35.44 1.04 0.00	36.92 1.56 0.00	55.51 2.52 0.00	54.16 2.75 0.00	125.20 5.36 0.00	69.45 2.87 0.00	54.20 2.09 0.00	45.54 1.54 0.00	47.50 1.24 0.00	38.17 0.88 0.00
WATERSIDE____6 8 9 23538	50.59 2.98 0.00	38.45 2.14 0.00	34.28 1.80 0.00	33.81 1.79 0.00	37.32 1.86 0.00	46.16 2.50 0.00	56.97 3.15 0.00	62.34 3.46 0.00	56.38 3.35 0.00	54.66 3.64 0.00	38.44 2.71 0.00	33.26 2.37 0.00	33.59 2.19 0.00	32.75 2.06 0.00	36.55 2.15 0.00	37.90 2.54 0.00	55.93 2.94 0.00	54.42 3.01 0.00	125.35 5.51 0.00	69.91 3.33 0.00	54.86 2.76 0.00	46.32 2.32 0.00	48.31 2.05 0.00	38.91 1.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	48.12 0.51 0.00	36.66 0.35 0.00	32.76 0.28 0.00	32.29 0.27 0.00	35.80 0.34 0.00	44.09 0.42 0.00	54.39 0.57 0.00	59.57 0.70 0.00	53.54 0.49 -0.02	51.48 0.38 -0.07	35.86 0.13 0.00	30.95 0.06 0.00	31.36 -0.04 0.00	30.64 -0.05 0.00	34.40 -0.01 0.00	35.69 0.33 0.00	53.44 0.45 0.00	52.00 0.59 0.00	120.70 0.86 0.00	66.98 0.40 0.00	52.42 0.32 0.00	44.15 0.14 0.00	46.26 0.00 0.00	37.17 -0.11 0.00
WATSON____69_KV_BK 1 55734	51.99 4.38 0.00	39.13 2.82 0.00	34.93 2.45 0.00	34.32 2.30 0.00	37.88 2.42 0.00	47.20 3.53 0.00	58.17 4.35 0.00	63.88 5.00 0.00	57.75 4.72 0.00	55.76 4.74 0.00	38.98 3.24 0.00	33.38 2.49 0.00	33.69 2.29 0.00	32.80 2.11 0.00	37.13 2.73 0.00	38.60 3.24 0.00	57.28 4.29 0.00	56.14 4.73 0.00	128.47 8.63 0.00	72.07 5.49 0.00	56.60 4.50 0.00	47.78 3.78 0.00	49.91 3.65 0.00	40.01 2.73 0.00
WDELAWARE__HYD 323627	50.12 2.51 0.00	38.08 1.77 0.00	33.98 1.50 0.00	33.49 1.47 0.00	37.10 1.64 0.00	45.87 2.20 0.00	56.70 2.88 0.00	62.21 3.34 0.00	55.90 2.88 0.00	53.92 2.91 0.00	37.74 2.01 0.00	32.39 1.50 0.00	32.68 1.28 0.00	31.83 1.14 0.00	35.70 1.29 0.00	37.10 1.74 0.00	55.34 2.35 0.00	53.96 2.55 0.00	124.78 4.94 0.00	69.50 2.92 0.00	54.42 2.31 0.00	45.86 1.85 0.00	47.86 1.60 0.00	38.46 1.18 0.00

WEST BABYLON___IC 23714	51.83 4.23 0.00	39.04 2.73 0.00	34.85 2.37 0.00	34.26 2.23 0.00	37.81 2.34 0.00	47.06 3.40 0.00	57.97 4.15 0.00	63.64 4.76 0.00	57.57 4.55 0.00	55.61 4.59 0.00	38.87 3.14 0.00	33.32 2.43 0.00	33.64 2.24 0.00	32.75 2.06 0.00	37.04 2.64 0.00	38.48 3.12 0.00	57.06 4.07 0.00	55.90 4.50 0.00	127.94 8.10 0.00	71.81 5.23 0.00	56.39 4.28 0.00	47.59 3.59 0.00	49.72 3.46 0.00	39.87 2.59 0.00
WEST CANADA___HYD 24049	47.80 0.19 0.00	36.42 0.11 0.00	32.57 0.10 0.00	32.12 0.10 0.00	35.57 0.11 0.00	43.80 0.13 0.00	54.00 0.17 0.00	59.09 0.22 0.00	53.24 0.19 -0.02	51.27 0.18 -0.07	35.80 0.08 0.00	30.95 0.06 0.00	31.44 0.04 0.00	30.75 0.06 0.00	34.47 0.07 0.00	35.53 0.17 0.00	53.16 0.17 0.00	51.61 0.20 0.00	120.08 0.24 0.00	66.72 0.13 0.00	52.21 0.10 0.00	44.06 0.06 0.00	46.30 0.04 0.00	37.30 0.02 0.00
WESTERN_NY_WIND 24143	44.69 -2.92 0.00	34.11 -2.20 0.00	30.46 -1.93 0.08	29.95 -2.06 0.02	33.45 -2.01 0.00	41.51 -2.16 0.00	51.58 -2.23 0.02	52.79 -2.90 3.18	47.50 -2.35 3.18	43.32 -2.47 5.24	34.27 -1.47 0.00	29.59 -1.30 0.00	30.34 -1.06 0.00	29.68 -1.01 0.00	33.64 -0.77 0.00	34.79 -0.57 0.00	51.15 -1.83 0.00	50.05 -1.36 0.00	116.24 -3.60 0.00	64.64 -1.94 0.00	50.70 -1.41 0.00	43.23 -0.78 0.00	45.89 -0.37 0.00	37.22 -0.07 0.00
WESTOVER___LESR 323668	47.13 -0.48 0.00	35.84 -0.46 0.00	32.14 -0.36 -0.02	31.54 -0.48 0.00	35.09 -0.38 0.00	43.25 -0.42 0.00	53.40 -0.43 0.00	59.50 -0.21 -0.83	53.46 -0.39 -0.82	52.04 -0.34 -1.35	35.52 -0.21 0.00	30.62 -0.27 0.00	31.26 -0.14 0.00	30.47 -0.22 0.00	34.15 -0.25 0.00	35.41 0.05 0.00	52.61 -0.38 0.00	51.48 0.07 0.00	119.83 -0.01 0.00	66.68 0.10 0.00	52.22 0.11 0.00	44.08 0.07 0.00	46.41 0.14 0.00	37.32 0.03 0.00
WETHRSFD_WT_PWR 323626	42.66 -4.95 0.00	32.55 -3.76 0.00	28.63 -3.35 0.50	28.35 -3.56 0.11	31.80 -3.67 0.00	39.41 -4.26 0.00	48.78 -4.94 0.11	34.35 -5.65 18.87	28.94 -5.21 18.88	14.99 -4.98 31.05	32.59 -3.14 0.00	28.11 -2.78 0.00	28.88 -2.52 0.00	28.21 -2.48 0.00	31.88 -2.53 0.00	33.14 -2.22 0.00	48.78 -4.20 0.01	48.08 -3.33 0.00	112.18 -7.67 0.00	62.68 -3.91 0.00	49.44 -2.67 0.00	42.29 -1.71 0.00	45.13 -1.13 0.00	36.59 -0.69 0.00
WHAVSTOR_138KV_BK127 55557	50.01 2.40 0.00	38.03 1.73 0.00	33.94 1.47 0.00	33.47 1.44 0.00	37.03 1.56 0.00	45.73 2.07 0.00	56.38 2.56 0.00	61.75 2.88 0.00	55.77 2.74 0.00	53.94 2.92 0.00	37.84 2.11 0.00	32.67 1.78 0.00	33.05 1.65 0.00	32.24 1.55 0.00	36.04 1.64 0.00	37.38 2.02 0.00	55.35 2.36 0.00	53.92 2.51 0.00	124.39 4.55 0.00	69.34 2.76 0.00	54.37 2.27 0.00	45.85 1.85 0.00	47.91 1.65 0.00	38.60 1.31 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.01 2.40 0.00	38.03 1.73 0.00	33.94 1.47 0.00	33.47 1.44 0.00	37.03 1.56 0.00	45.73 2.07 0.00	56.38 2.56 0.00	61.75 2.88 0.00	55.77 2.74 0.00	53.94 2.92 0.00	37.84 2.11 0.00	32.67 1.78 0.00	33.05 1.65 0.00	32.24 1.55 0.00	36.04 1.64 0.00	37.38 2.02 0.00	55.35 2.36 0.00	53.92 2.51 0.00	124.39 4.55 0.00	69.34 2.76 0.00	54.37 2.27 0.00	45.85 1.85 0.00	47.91 1.65 0.00	38.60 1.31 0.00
WHITEHAL_115KV_TB1 80871	50.19 2.58 0.00	37.95 1.64 0.00	33.79 1.31 0.00	33.46 1.43 0.00	36.97 1.51 0.00	46.07 2.40 0.00	57.29 3.47 0.00	63.48 4.61 0.00	57.02 4.00 0.00	54.64 3.62 0.00	37.17 1.44 0.00	31.85 0.96 0.00	32.42 1.02 0.00	31.97 1.28 0.00	36.29 1.89 0.00	38.03 2.67 0.00	57.41 4.42 0.00	55.87 4.47 0.00	128.55 8.71 0.00	71.00 4.42 0.00	55.40 3.29 0.00	46.76 2.75 0.00	48.73 2.47 0.00	39.03 1.74 0.00
WHITEPLN_13_KV_LOAD 356215	50.82 3.21 0.00	38.64 2.33 0.00	34.44 1.97 0.00	33.95 1.93 0.00	37.55 2.08 0.00	46.42 2.76 0.00	57.31 3.49 0.00	62.81 3.94 0.00	56.78 3.76 0.00	54.93 3.91 0.00	38.52 2.79 0.00	33.25 2.36 0.00	33.64 2.24 0.00	32.80 2.12 0.00	36.69 2.28 0.00	38.07 2.72 0.00	56.42 3.43 0.00	54.97 3.56 0.00	126.72 6.88 0.00	70.58 4.00 0.00	55.33 3.23 0.00	46.64 2.64 0.00	48.69 2.43 0.00	39.17 1.88 0.00
WM_FLOYD_69_KV_BK2 356380	51.61 4.00 0.00	38.82 2.51 0.00	34.65 2.17 0.00	34.04 2.02 0.00	37.56 2.10 0.00	46.81 3.15 0.00	57.68 3.86 0.00	63.41 4.53 0.00	57.36 4.33 0.00	55.29 4.28 0.00	38.60 2.87 0.00	33.02 2.14 0.00	33.23 1.83 0.00	32.35 1.66 0.00	36.68 2.28 0.00	38.22 2.86 0.00	56.81 3.82 0.00	55.72 4.31 0.00	127.39 7.55 0.00	71.47 4.89 0.00	56.23 4.13 0.00	47.53 3.52 0.00	49.67 3.41 0.00	39.78 2.49 0.00
WOODARD___115KV_TB2 355635	46.40 -1.21 0.00	35.34 -0.97 0.00	31.63 -0.84 0.00	31.18 -0.85 0.00	34.57 -0.90 0.00	42.62 -1.05 0.00	52.68 -1.14 0.00	57.63 -1.24 0.00	51.88 -1.15 0.00	49.87 -1.15 0.00	34.98 -0.75 0.00	30.27 -0.62 0.00	30.80 -0.60 0.00	30.11 -0.58 0.00	33.77 -0.63 0.00	34.83 -0.52 0.00	51.93 -1.06 0.00	50.55 -0.86 0.00	117.64 -2.20 0.00	65.37 -1.21 0.00	51.14 -0.96 0.00	43.20 -0.80 0.00	45.39 -0.87 0.00	36.56 -0.73 0.00
YORK___WARBASSE 23770	50.81 3.20 0.00	38.64 2.33 0.00	34.42 1.95 0.00	33.95 1.93 0.00	37.49 2.03 0.00	46.37 2.71 0.00	57.20 3.38 0.00	62.47 3.60 0.00	56.49 3.47 0.00	54.79 3.77 0.00	38.63 2.90 0.00	33.40 2.51 0.00	33.73 2.33 0.00	32.87 2.18 0.00	36.72 2.31 0.00	38.10 2.74 0.00	56.13 3.14 0.00	54.57 3.16 0.00	125.67 5.83 0.00	70.09 3.51 0.00	55.02 2.92 0.00	46.56 2.56 0.00	48.54 2.28 0.00	39.09 1.81 0.00