

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/08/2024

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	48.92	40.23	35.75	33.36	30.42	33.29	35.47	34.90	39.23	44.90	41.96	41.26	42.37	44.53	47.62	48.12	54.66	54.07	61.62	60.66	64.08	56.44	57.53	55.12
24138	3.20	2.70	2.48	2.14	1.94	2.19	2.41	2.35	2.51	2.77	2.55	2.42	2.44	2.51	2.55	2.50	2.97	3.10	3.24	3.02	2.84	2.67	2.56	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.90	40.20	35.71	33.32	30.39	33.27	35.42	34.87	39.20	44.86	41.93	41.23	42.33	44.51	47.60	48.10	54.62	54.05	61.57	60.63	64.03	56.40	57.48	55.07
24260	3.17	2.66	2.44	2.10	1.91	2.16	2.36	2.32	2.48	2.73	2.52	2.39	2.40	2.48	2.53	2.49	2.94	3.08	3.19	2.99	2.80	2.62	2.51	2.03
	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
74TH STREET_GT_2	48.90	40.20	35.71	33.32	30.39	33.27	35.42	34.87	39.20	44.86	41.93	41.23	42.33	44.51	47.60	48.10	54.62	54.05	61.57	60.63	64.03	56.40	57.48	55.07
24261	3.17	2.66	2.44	2.10	1.91	2.16	2.36	2.32	2.48	2.73	2.52	2.39	2.40	2.48	2.53	2.49	2.94	3.08	3.19	2.99	2.80	2.62	2.51	2.03
	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
ADK HUDSON___FALLS	49.07	40.18	35.65	33.27	30.27	33.11	35.52	35.10	39.57	45.40	42.41	41.97	43.15	45.34	48.45	49.01	55.69	55.01	62.74	61.65	65.24	57.30	58.34	55.93
24011	3.34	2.64	2.37	2.05	1.79	2.00	2.46	2.55	2.85	3.27	3.00	3.13	3.21	3.31	3.37	3.40	4.00	4.04	4.36	4.01	4.00	3.52	3.37	2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	49.33	40.41	35.87	33.37	30.32	33.20	35.73	35.33	39.81	45.67	42.67	42.27	43.45	45.64	48.74	49.31	56.02	55.34	63.06	61.95	65.56	57.63	58.68	56.16
23798	3.60	2.87	2.60	2.15	1.84	2.09	2.66	2.78	3.09	3.54	3.26	3.43	3.52	3.61	3.66	3.69	4.34	4.37	4.68	4.31	4.33	3.86	3.71	3.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	49.07	40.18	35.65	33.27	30.27	33.11	35.52	35.10	39.57	45.40	42.41	41.97	43.15	45.34	48.45	49.01	55.69	55.01	62.74	61.65	65.24	57.30	58.34	55.93
24028	3.34	2.64	2.37	2.05	1.79	2.00	2.46	2.55	2.85	3.27	3.00	3.13	3.21	3.31	3.37	3.40	4.00	4.04	4.36	4.01	4.00	3.52	3.37	2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	49.08	40.22	35.73	33.52	30.57	33.43	35.52	34.99	39.36	45.18	42.24	41.64	42.79	44.99	48.15	48.62	55.03	54.30	62.17	61.21	64.78	57.04	58.20	55.82
23527	3.35	2.68	2.46	2.30	2.09	2.32	2.46	2.44	2.65	3.05	2.82	2.80	2.86	2.96	3.07	3.01	3.34	3.34	3.79	3.57	3.55	3.27	3.23	2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.30	38.79	34.48	32.34	29.56	32.25	34.29	33.80	37.99	43.59	40.76	40.17	41.29	43.41	46.46	46.63	52.86	52.19	59.62	58.72	62.24	54.70	55.91	54.07
24190	1.57	1.25	1.20	1.12	1.08	1.15	1.23	1.25	1.28	1.46	1.35	1.34	1.35	1.38	1.38	1.01	1.17	1.22	1.24	1.08	1.01	0.92	0.94	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
AKWESSNE_115KV_BK	45.83	37.58	33.27	31.21	28.35	31.02	32.95	32.40	36.68	42.12	39.49	38.89	39.96	42.01	45.07	45.68	51.58	50.79	58.41	57.94	61.92	54.49	55.90	54.32
355683	0.10	0.05	-0.01	-0.02	-0.12	-0.09	-0.11	-0.15	-0.04	-0.01	0.08	0.06	0.03	-0.01	0.00	0.07	-0.10	-0.18	0.03	0.30	0.69	0.71	0.93	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	47.84	39.29	34.90	32.73	29.89	32.64	34.70	34.19	38.44	44.07	40.99	40.54	41.75	43.96	47.09	47.48	53.85	53.15	60.76	59.82	63.42	55.66	56.86	54.85
323833	2.11	1.76	1.63	1.51	1.41	1.53	1.64	1.64	1.73	1.94	1.58	1.70	1.81	1.93	2.01	1.86	2.16	2.18	2.39	2.18	2.19	1.89	1.89	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.83	39.27	34.89	32.71	29.88	32.63	34.70	34.18	38.43	44.05	40.97	40.53	41.73	43.93	47.07	47.46	53.82	53.12	60.74	59.81	63.39	55.65	56.84	54.83
323834	2.11	1.74	1.62	1.49	1.39	1.52	1.64	1.63	1.72	1.92	1.56	1.69	1.80	1.91	1.99	1.85	2.14	2.16	2.36	2.17	2.15	1.88	1.87	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.30	38.79	34.48	32.34	29.56	32.25	34.29	33.80	37.99	43.59	40.76	40.17	41.29	43.41	46.46	46.63	52.86	52.19	59.62	58.72	62.24	54.70	55.91	54.07
23571	1.57	1.25	1.20	1.12	1.08	1.15	1.23	1.25	1.28	1.46	1.35	1.34	1.35	1.38	1.38	1.01	1.17	1.22	1.24	1.08	1.01	0.92	0.94	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___2 23572	47.30 1.57 0.00	38.79 1.25 0.00	34.48 1.20 0.00	32.34 1.12 0.00	29.56 1.08 0.00	32.25 1.15 0.00	34.29 1.23 0.00	33.80 1.25 0.00	37.99 1.28 0.00	43.59 1.46 0.00	40.76 1.35 0.00	40.17 1.34 0.00	41.29 1.35 0.00	43.41 1.38 0.00	46.46 1.38 0.00	46.63 1.01 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.62 1.24 0.00	58.72 1.08 0.00	62.24 1.01 0.00	54.70 0.92 0.00	55.91 0.94 0.00	54.07 1.03 0.00
ALBANY___3 23573	47.30 1.57 0.00	38.79 1.25 0.00	34.48 1.20 0.00	32.34 1.12 0.00	29.56 1.08 0.00	32.25 1.15 0.00	34.29 1.23 0.00	33.80 1.25 0.00	37.99 1.28 0.00	43.59 1.46 0.00	40.76 1.35 0.00	40.17 1.34 0.00	41.29 1.35 0.00	43.41 1.38 0.00	46.46 1.38 0.00	46.63 1.01 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.62 1.24 0.00	58.72 1.08 0.00	62.24 1.01 0.00	54.70 0.92 0.00	55.91 0.94 0.00	54.07 1.03 0.00
ALBANY___4 23574	47.30 1.57 0.00	38.79 1.25 0.00	34.48 1.20 0.00	32.34 1.12 0.00	29.56 1.08 0.00	32.25 1.15 0.00	34.29 1.23 0.00	33.80 1.25 0.00	37.99 1.28 0.00	43.59 1.46 0.00	40.76 1.35 0.00	40.17 1.34 0.00	41.29 1.35 0.00	43.41 1.38 0.00	46.46 1.38 0.00	46.63 1.01 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.62 1.24 0.00	58.72 1.08 0.00	62.24 1.01 0.00	54.70 0.92 0.00	55.91 0.94 0.00	54.07 1.03 0.00
ALBANY___LFGE 323615	47.65 1.93 0.00	39.06 1.52 0.00	34.71 1.44 0.00	32.54 1.32 0.00	29.74 1.26 0.00	32.46 1.36 0.00	34.52 1.46 0.00	34.02 1.47 0.00	38.25 1.54 0.00	43.91 1.79 0.00	41.07 1.66 0.00	40.49 1.65 0.00	41.62 1.68 0.00	43.75 1.72 0.00	46.84 1.76 0.00	47.08 1.47 0.00	53.39 1.70 0.00	52.72 1.75 0.00	60.22 1.84 0.00	59.29 1.65 0.00	62.85 1.62 0.00	55.20 1.43 0.00	56.39 1.42 0.00	54.46 1.41 0.00
ALCOA_PA_115KV_PL-6C 55860	45.95 0.22 0.00	37.70 0.17 0.00	33.35 0.08 0.00	32.20 0.05 -0.93	30.21 -0.09 -1.81	32.96 -0.07 -1.92	34.93 -0.11 -1.98	34.36 -0.15 -1.97	38.81 -0.03 -2.12	44.48 0.02 -2.32	41.77 0.13 -2.22	41.15 0.11 -2.20	42.26 0.09 -2.24	44.36 0.02 -2.31	47.50 0.00 -2.42	46.31 0.08 -0.61	51.83 -0.07 -0.21	50.84 -0.13 0.00	58.46 0.08 0.00	58.03 0.40 0.00	62.02 0.79 0.00	54.59 0.82 0.00	56.05 1.08 0.00	54.52 1.48 0.00
ALCOA_RYNLDS___DRP 24188	45.95 0.22 0.00	37.70 0.17 0.00	33.35 0.08 0.00	32.20 0.05 -0.93	30.21 -0.09 -1.81	32.96 -0.07 -1.92	34.93 -0.11 -1.98	34.36 -0.15 -1.97	38.81 -0.03 -2.12	44.48 0.02 -2.32	41.77 0.13 -2.22	41.15 0.11 -2.20	42.26 0.09 -2.24	44.36 0.02 -2.31	47.50 0.00 -2.42	46.31 0.08 -0.61	51.83 -0.07 -0.21	50.84 -0.13 0.00	58.46 0.08 0.00	58.03 0.40 0.00	62.02 0.79 0.00	54.59 0.82 0.00	56.05 1.08 0.00	54.52 1.48 0.00
ALCOA___DSASP 323711	45.95 0.23 0.00	37.70 0.17 0.00	33.35 0.08 0.00	32.20 0.05 -0.93	30.21 -0.08 -1.81	32.96 -0.07 -1.92	34.93 -0.11 -1.98	34.36 -0.15 -1.97	38.80 -0.03 -2.12	44.48 0.02 -2.32	41.77 0.13 -2.22	41.15 0.11 -2.20	42.26 0.09 -2.24	44.36 0.02 -2.31	47.50 0.00 -2.42	46.31 0.08 -0.61	51.83 -0.07 -0.21	50.84 -0.13 0.00	58.46 0.08 0.00	58.03 0.40 0.00	62.02 0.79 0.00	54.59 0.82 0.00	56.05 1.08 0.00	54.52 1.48 0.00
ALLEGHENY___COGEN 23514	44.53 -1.20 0.00	36.72 -0.81 0.00	32.45 -0.82 0.00	30.58 -0.64 0.00	27.91 -0.57 0.00	30.42 -0.69 0.00	32.31 -0.75 0.00	31.74 -0.81 0.00	35.93 -0.78 0.00	41.18 -0.95 0.00	33.03 -0.94 5.43	37.82 -1.02 0.00	39.11 -0.82 0.00	41.42 -0.60 0.00	44.54 -0.53 0.00	45.50 -0.11 0.00	51.94 0.25 0.00	51.51 0.54 0.00	59.20 0.82 0.00	58.34 0.70 0.00	61.85 0.62 0.00	54.07 0.30 0.00	55.52 0.55 0.00	53.49 0.45 0.00
ALTAMONT_115KV_TB 2 55880	47.20 1.48 0.00	38.71 1.18 0.00	34.37 1.10 0.00	32.22 1.00 0.00	29.41 0.93 0.00	32.13 1.02 0.00	34.17 1.11 0.00	33.66 1.11 0.00	37.88 1.17 0.00	43.47 1.34 0.00	40.63 1.22 0.00	40.04 1.20 0.00	41.16 1.22 0.00	43.28 1.26 0.00	46.37 1.30 0.00	46.80 1.18 0.00	53.07 1.39 0.00	52.40 1.44 0.00	59.89 1.52 0.00	59.01 1.37 0.00	62.54 1.31 0.00	54.95 1.18 0.00	56.11 1.15 0.00	54.05 1.01 0.00
ALTONA_WT_PWR 323606	45.53 -0.19 0.00	37.30 -0.24 0.00	32.82 -0.45 0.00	5.38 -0.78 25.07	-21.10 -0.90 48.68	-21.35 -0.95 51.51	-21.11 -1.02 53.16	-21.08 -0.96 52.67	-21.10 -0.93 56.88	-21.14 -1.03 62.24	-21.06 -0.90 59.57	-21.06 -0.89 59.01	-21.13 -1.01 60.05	-21.14 -1.12 62.04	-21.15 -1.26 64.96	28.10 -1.10 16.41	44.56 -1.37 5.76	50.20 -0.77 0.00	58.02 -0.36 0.00	58.14 0.51 0.00	62.52 1.29 0.00	55.05 1.27 0.00	56.48 1.51 0.00	54.99 1.94 0.00
AMERICAN_REF_FUEL 24010	40.88 -4.84 0.00	33.86 -3.68 0.00	29.94 -3.34 0.00	28.39 -2.83 0.00	25.89 -2.59 0.00	28.20 -2.91 0.00	29.82 -3.24 0.00	28.93 -3.62 0.00	32.78 -3.93 0.00	37.59 -4.54 0.00	32.19 -3.98 3.24	34.75 -4.09 0.00	35.82 -4.11 0.00	37.82 -4.21 0.00	40.70 -4.38 0.00	41.39 -4.23 0.00	46.82 -4.86 0.00	46.42 -4.55 0.00	52.99 -5.39 0.00	52.07 -5.57 0.00	54.89 -6.34 0.00	48.21 -5.56 0.00	50.11 -4.86 0.00	48.65 -4.40 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.06 -3.67 0.00	34.78 -2.76 0.00	30.70 -2.57 0.00	29.05 -2.17 0.00	26.53 -1.95 0.00	29.05 -2.06 0.00	30.71 -2.35 0.00	29.82 -2.73 0.00	33.79 -2.92 0.00	38.53 -3.60 0.00	31.87 -3.53 4.01	35.25 -3.59 0.00	36.73 -3.20 0.00	39.38 -2.65 0.00	42.41 -2.67 0.00	43.82 -1.79 0.00	49.83 -1.86 0.00	49.45 -1.52 0.00	56.91 -1.47 0.00	56.26 -1.37 0.00	59.48 -1.75 0.00	52.02 -1.76 0.00	53.62 -1.36 0.00	51.63 -1.42 0.00
ARTHUR KILL_GT_1 23520	48.89 3.17 0.00	40.38 2.84 0.00	35.85 2.58 0.00	33.43 2.21 0.00	30.48 1.99 0.00	33.35 2.24 0.00	35.54 2.48 0.00	34.86 2.31 0.00	39.10 2.38 0.00	44.65 2.52 0.00	41.71 2.30 0.00	40.95 2.12 0.00	42.03 2.10 0.00	44.24 2.21 0.00	47.36 2.28 0.00	47.89 2.27 0.00	54.04 2.35 0.00	53.74 2.77 0.00	61.27 2.90 0.00	60.29 2.66 0.00	63.60 2.37 0.00	56.11 2.34 0.00	57.42 2.44 0.00	55.15 2.10 0.00
ARTHUR_KILL_2 23512	48.76 3.04 0.00	40.28 2.74 0.00	35.76 2.49 0.00	33.35 2.13 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.44 2.38 0.00	34.77 2.22 0.00	38.99 2.27 0.00	44.54 2.41 0.00	41.61 2.20 0.00	40.86 2.02 0.00	41.94 2.01 0.00	44.14 2.11 0.00	47.24 2.16 0.00	47.76 2.14 0.00	53.88 2.20 0.00	53.58 2.61 0.00	61.08 2.71 0.00	60.12 2.48 0.00	63.40 2.17 0.00	55.95 2.18 0.00	57.25 2.28 0.00	54.98 1.94 0.00
ARTHUR_KILL_3 23513	48.34 2.62 0.00	39.76 2.23 0.00	35.33 2.05 0.00	32.95 1.73 0.00	30.06 1.58 0.00	32.91 1.80 0.00	35.05 1.99 0.00	34.48 1.93 0.00	38.73 2.02 0.00	44.34 2.21 0.00	41.44 2.03 0.00	40.73 1.90 0.00	41.83 1.89 0.00	43.97 1.95 0.00	47.04 1.96 0.00	47.53 1.91 0.00	53.96 2.28 0.00	53.34 2.37 0.00	60.76 2.38 0.00	59.80 2.16 0.00	63.12 1.89 0.00	55.64 1.86 0.00	56.74 1.77 0.00	54.38 1.33 0.00

ARTHUR_KILL_COGEN 323718	48.89 3.17 0.00	40.38 2.84 0.00	35.85 2.58 0.00	33.43 2.21 0.00	30.48 1.99 0.00	33.35 2.24 0.00	35.54 2.48 0.00	34.86 2.31 0.00	39.10 2.38 0.00	44.65 2.52 0.00	41.71 2.30 0.00	40.95 2.12 0.00	42.03 2.10 0.00	44.24 2.21 0.00	47.36 2.28 0.00	47.89 2.27 0.00	54.04 2.35 0.00	53.74 2.77 0.00	61.27 2.90 0.00	60.29 2.66 0.00	63.60 2.37 0.00	56.11 2.34 0.00	57.42 2.44 0.00	55.15 2.10 0.00
ASHOKAN____ 23654	49.96 4.23 0.00	41.00 3.46 0.00	36.36 3.09 0.00	33.97 2.75 0.00	30.99 2.51 0.00	33.94 2.83 0.00	36.20 3.14 0.00	35.72 3.17 0.00	40.21 3.49 0.00	46.00 3.88 0.00	42.57 3.16 0.00	41.73 2.89 0.00	43.09 3.16 0.00	45.54 3.51 0.00	48.85 3.77 0.00	49.64 4.03 0.00	56.64 4.95 0.00	56.07 5.10 0.00	63.93 5.55 0.00	62.79 5.15 0.00	66.26 5.02 0.00	57.99 4.21 0.00	58.98 4.01 0.00	56.40 3.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.59 2.87 0.00	40.05 2.51 0.00	35.63 2.36 0.00	33.24 2.02 0.00	30.23 1.75 0.00	33.09 1.98 0.00	35.28 2.22 0.00	34.66 2.11 0.00	38.93 2.22 0.00	44.56 2.43 0.00	41.73 2.32 0.00	41.00 2.16 0.00	42.06 2.13 0.00	44.23 2.20 0.00	47.29 2.22 0.00	47.89 2.28 0.00	54.35 2.66 0.00	53.80 2.84 0.00	61.31 2.94 0.00	60.36 2.73 0.00	63.64 2.41 0.00	56.11 2.34 0.00	57.17 2.20 0.00	54.81 1.77 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.59 2.87 0.00	40.05 2.51 0.00	35.63 2.36 0.00	33.24 2.02 0.00	30.23 1.75 0.00	33.08 1.97 0.00	35.28 2.22 0.00	34.65 2.10 0.00	38.93 2.22 0.00	44.56 2.43 0.00	41.73 2.32 0.00	41.00 2.17 0.00	42.06 2.13 0.00	44.23 2.21 0.00	47.29 2.22 0.00	47.89 2.28 0.00	54.35 2.66 0.00	53.80 2.84 0.00	61.31 2.94 0.00	60.36 2.73 0.00	63.64 2.41 0.00	56.11 2.34 0.00	57.17 2.20 0.00	54.81 1.77 0.00
ASTORIA_GT2_1 24094	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT2_2 24095	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT2_3 24096	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT2_4 24097	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT3_1 24098	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT3_2 24099	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT3_3 24100	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT3_4 24101	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT4_1 24102	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT4_2 24103	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT4_3 24104	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00

ASTORIA_GT4_4 24105	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA_GT_1 23523	48.70 2.97 0.00	40.13 2.59 0.00	35.70 2.43 0.00	33.30 2.08 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.34 2.28 0.00	34.72 2.17 0.00	39.02 2.31 0.00	44.67 2.54 0.00	41.82 2.41 0.00	41.09 2.25 0.00	42.15 2.22 0.00	44.33 2.30 0.00	47.39 2.32 0.00	48.01 2.39 0.00	54.49 2.80 0.00	53.93 2.97 0.00	61.44 3.07 0.00	60.53 2.89 0.00	63.81 2.58 0.00	56.24 2.47 0.00	57.31 2.34 0.00	54.93 1.89 0.00
ASTORIA_GT_10 24110	48.68 2.95 0.00	40.08 2.54 0.00	35.61 2.33 0.00	33.23 2.01 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.73 2.18 0.00	39.03 2.31 0.00	44.65 2.52 0.00	41.75 2.34 0.00	41.03 2.19 0.00	42.11 2.18 0.00	44.23 2.21 0.00	47.27 2.19 0.00	47.79 2.18 0.00	54.19 2.51 0.00	53.64 2.67 0.00	61.13 2.75 0.00	60.20 2.56 0.00	63.59 2.36 0.00	56.04 2.26 0.00	57.12 2.15 0.00	54.75 1.70 0.00
ASTORIA_GT_11 24225	48.68 2.95 0.00	40.08 2.54 0.00	35.61 2.33 0.00	33.23 2.01 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.73 2.18 0.00	39.03 2.31 0.00	44.65 2.52 0.00	41.75 2.34 0.00	41.03 2.19 0.00	42.11 2.18 0.00	44.23 2.21 0.00	47.27 2.19 0.00	47.79 2.18 0.00	54.19 2.51 0.00	53.64 2.67 0.00	61.13 2.75 0.00	60.20 2.56 0.00	63.59 2.36 0.00	56.04 2.26 0.00	57.12 2.15 0.00	54.75 1.70 0.00
ASTORIA_GT_12 24226	48.68 2.95 0.00	40.08 2.54 0.00	35.61 2.33 0.00	33.23 2.01 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.73 2.18 0.00	39.03 2.31 0.00	44.65 2.52 0.00	41.75 2.34 0.00	41.03 2.19 0.00	42.11 2.18 0.00	44.23 2.21 0.00	47.27 2.19 0.00	47.79 2.18 0.00	54.19 2.51 0.00	53.64 2.67 0.00	61.13 2.75 0.00	60.20 2.56 0.00	63.59 2.36 0.00	56.04 2.26 0.00	57.12 2.15 0.00	54.75 1.70 0.00
ASTORIA_GT_13 24227	48.68 2.95 0.00	40.08 2.54 0.00	35.61 2.33 0.00	33.23 2.01 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.73 2.18 0.00	39.03 2.31 0.00	44.65 2.52 0.00	41.75 2.34 0.00	41.03 2.19 0.00	42.11 2.18 0.00	44.23 2.21 0.00	47.27 2.19 0.00	47.79 2.18 0.00	54.19 2.51 0.00	53.64 2.67 0.00	61.13 2.75 0.00	60.20 2.56 0.00	63.59 2.36 0.00	56.04 2.26 0.00	57.12 2.15 0.00	54.75 1.70 0.00
ASTORIA_GT_5 24106	48.69 2.97 0.00	40.13 2.59 0.00	35.68 2.40 0.00	33.30 2.08 0.00	30.29 1.80 0.00	33.14 2.03 0.00	35.28 2.22 0.00	34.73 2.18 0.00	39.02 2.30 0.00	44.67 2.54 0.00	41.81 2.40 0.00	41.09 2.25 0.00	42.15 2.22 0.00	44.33 2.31 0.00	47.40 2.33 0.00	48.00 2.38 0.00	54.48 2.80 0.00	53.94 2.97 0.00	61.45 3.07 0.00	60.53 2.90 0.00	63.82 2.59 0.00	56.26 2.48 0.00	57.31 2.34 0.00	54.93 1.89 0.00
ASTORIA_GT_7 24107	48.69 2.97 0.00	40.13 2.59 0.00	35.68 2.40 0.00	33.30 2.08 0.00	30.29 1.80 0.00	33.14 2.03 0.00	35.28 2.22 0.00	34.73 2.18 0.00	39.02 2.30 0.00	44.67 2.54 0.00	41.81 2.40 0.00	41.09 2.25 0.00	42.15 2.22 0.00	44.33 2.31 0.00	47.40 2.33 0.00	48.00 2.38 0.00	54.48 2.80 0.00	53.94 2.97 0.00	61.45 3.07 0.00	60.53 2.90 0.00	63.82 2.59 0.00	56.26 2.48 0.00	57.31 2.34 0.00	54.93 1.89 0.00
ASTORIA_GT_8 24108	48.69 2.97 0.00	40.13 2.59 0.00	35.68 2.40 0.00	33.30 2.08 0.00	30.29 1.80 0.00	33.14 2.03 0.00	35.28 2.22 0.00	34.73 2.18 0.00	39.02 2.30 0.00	44.67 2.54 0.00	41.81 2.40 0.00	41.09 2.25 0.00	42.15 2.22 0.00	44.33 2.31 0.00	47.40 2.33 0.00	48.00 2.38 0.00	54.48 2.80 0.00	53.94 2.97 0.00	61.45 3.07 0.00	60.53 2.90 0.00	63.82 2.59 0.00	56.26 2.48 0.00	57.31 2.34 0.00	54.93 1.89 0.00
ASTORIA___2 24149	48.62 2.90 0.00	40.07 2.53 0.00	35.64 2.37 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.29 2.24 0.00	34.67 2.12 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.01 2.18 0.00	42.08 2.15 0.00	44.24 2.22 0.00	47.30 2.23 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.33 2.95 0.00	60.40 2.77 0.00	63.69 2.46 0.00	56.13 2.36 0.00	57.21 2.24 0.00	54.84 1.79 0.00
ASTORIA___3 23516	48.62 2.90 0.00	40.07 2.53 0.00	35.64 2.37 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.29 2.24 0.00	34.67 2.12 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.01 2.18 0.00	42.08 2.15 0.00	44.24 2.22 0.00	47.30 2.23 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.33 2.95 0.00	60.40 2.77 0.00	63.69 2.46 0.00	56.13 2.36 0.00	57.21 2.24 0.00	54.84 1.79 0.00
ASTORIA___4 23517	48.62 2.90 0.00	40.06 2.53 0.00	35.62 2.35 0.00	33.25 2.03 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.23 2.17 0.00	34.68 2.13 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.74 2.33 0.00	41.02 2.18 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.24 0.00	47.91 2.30 0.00	54.38 2.69 0.00	53.83 2.86 0.00	61.32 2.95 0.00	60.41 2.78 0.00	63.70 2.47 0.00	56.15 2.38 0.00	57.21 2.23 0.00	54.83 1.79 0.00
ASTORIA___5 23518	48.67 2.94 0.00	40.07 2.53 0.00	35.61 2.34 0.00	33.22 2.00 0.00	30.27 1.79 0.00	33.13 2.02 0.00	35.31 2.25 0.00	34.72 2.17 0.00	39.02 2.31 0.00	44.63 2.50 0.00	41.73 2.32 0.00	41.01 2.17 0.00	42.10 2.17 0.00	44.23 2.20 0.00	47.26 2.18 0.00	47.80 2.18 0.00	54.19 2.51 0.00	53.64 2.67 0.00	61.13 2.75 0.00	60.19 2.56 0.00	63.59 2.36 0.00	56.03 2.25 0.00	57.12 2.15 0.00	54.74 1.70 0.00
AST_ENERGY_2_CC3 323677	48.54 2.81 0.00	39.93 2.39 0.00	35.49 2.21 0.00	33.12 1.89 0.00	30.23 1.75 0.00	33.09 1.99 0.00	35.24 2.17 0.00	34.65 2.10 0.00	38.93 2.22 0.00	44.52 2.39 0.00	41.59 2.18 0.00	40.90 2.06 0.00	41.99 2.05 0.00	44.11 2.09 0.00	47.11 2.04 0.00	47.59 1.97 0.00	54.03 2.35 0.00	53.45 2.48 0.00	60.91 2.54 0.00	59.96 2.32 0.00	63.31 2.08 0.00	55.78 2.01 0.00	56.86 1.89 0.00	54.49 1.45 0.00
AST_ENERGY_2_CC4 323678	48.54 2.81 0.00	39.93 2.39 0.00	35.49 2.21 0.00	33.12 1.89 0.00	30.23 1.75 0.00	33.09 1.99 0.00	35.24 2.17 0.00	34.65 2.10 0.00	38.93 2.22 0.00	44.52 2.39 0.00	41.59 2.18 0.00	40.90 2.06 0.00	41.99 2.05 0.00	44.11 2.09 0.00	47.11 2.04 0.00	47.59 1.97 0.00	54.03 2.35 0.00	53.45 2.48 0.00	60.91 2.54 0.00	59.96 2.32 0.00	63.31 2.08 0.00	55.78 2.01 0.00	56.86 1.89 0.00	54.49 1.45 0.00

ATHENS_STG_1 23668	47.46 1.73 0.00	38.96 1.43 0.00	34.59 1.32 0.00	32.36 1.14 0.00	29.53 1.05 0.00	32.29 1.18 0.00	34.35 1.29 0.00	33.81 1.26 0.00	38.05 1.33 0.00	43.62 1.49 0.00	40.78 1.37 0.00	40.13 1.30 0.00	41.24 1.30 0.00	43.38 1.36 0.00	46.49 1.41 0.00	46.97 1.35 0.00	53.31 1.62 0.00	52.67 1.70 0.00	60.16 1.78 0.00	59.26 1.62 0.00	62.77 1.54 0.00	55.19 1.41 0.00	56.32 1.35 0.00	54.15 1.10 0.00
ATHENS_STG_2 23670	47.46 1.73 0.00	38.96 1.43 0.00	34.59 1.32 0.00	32.36 1.14 0.00	29.53 1.05 0.00	32.29 1.18 0.00	34.35 1.29 0.00	33.81 1.26 0.00	38.05 1.33 0.00	43.62 1.49 0.00	40.78 1.37 0.00	40.13 1.30 0.00	41.24 1.30 0.00	43.38 1.36 0.00	46.49 1.41 0.00	46.97 1.35 0.00	53.31 1.62 0.00	52.67 1.70 0.00	60.16 1.78 0.00	59.26 1.62 0.00	62.77 1.54 0.00	55.19 1.41 0.00	56.32 1.35 0.00	54.15 1.10 0.00
ATHENS_STG_3 23677	47.46 1.73 0.00	38.96 1.43 0.00	34.59 1.32 0.00	32.36 1.14 0.00	29.53 1.05 0.00	32.29 1.18 0.00	34.35 1.29 0.00	33.81 1.26 0.00	38.05 1.33 0.00	43.62 1.49 0.00	40.78 1.37 0.00	40.13 1.30 0.00	41.24 1.30 0.00	43.38 1.36 0.00	46.49 1.41 0.00	46.97 1.35 0.00	53.31 1.62 0.00	52.67 1.70 0.00	60.16 1.78 0.00	59.26 1.62 0.00	62.77 1.54 0.00	55.19 1.41 0.00	56.32 1.35 0.00	54.15 1.10 0.00
AUBURN___LFGE 323710	45.30 -0.42 0.00	37.28 -0.25 0.00	32.88 -0.39 0.00	30.99 -0.23 0.00	28.34 -0.14 0.00	30.88 -0.23 0.00	32.74 -0.32 0.00	32.24 -0.31 0.00	36.45 -0.26 0.00	41.66 -0.47 0.00	40.24 -0.35 -1.18	38.48 -0.36 0.00	39.76 -0.18 0.00	41.86 -0.16 0.00	44.93 -0.15 0.00	45.58 -0.03 0.00	51.78 0.09 0.00	51.19 0.22 0.00	58.55 0.17 0.00	57.65 0.01 0.00	61.05 -0.18 0.00	53.52 -0.26 0.00	54.70 -0.27 0.00	52.53 -0.51 0.00
BABYLON_RES_REC 323704	49.43 3.71 0.00	40.58 3.04 0.00	36.13 2.86 0.00	33.63 2.41 0.00	30.69 2.20 0.00	33.60 2.49 0.00	35.76 2.71 0.00	35.15 2.60 0.00	39.56 2.84 0.00	45.42 3.29 0.00	42.31 2.89 0.00	41.42 2.58 0.00	42.39 2.46 0.00	44.87 2.84 0.00	48.02 2.94 0.00	48.73 3.12 0.00	55.61 3.89 -0.04	54.90 3.93 0.00	62.31 3.93 0.00	61.65 4.01 0.00	65.05 3.82 0.00	57.25 3.47 0.00	58.35 3.38 0.00	55.59 2.55 0.00
BABYLON__69_KV_BK2 356345	49.93 4.20 0.00	40.97 3.44 0.00	36.48 3.21 0.00	33.96 2.74 0.00	30.97 2.49 0.00	33.92 2.81 0.00	36.10 3.04 0.00	35.50 2.95 0.00	39.96 3.24 0.00	45.89 3.76 0.00	42.75 3.34 0.00	41.81 2.98 0.00	42.80 2.87 0.00	45.34 3.31 0.00	48.49 3.41 0.00	49.26 3.64 0.00	56.26 4.53 -0.04	55.57 4.59 0.00	63.06 4.68 0.00	62.39 4.75 0.00	65.80 4.57 0.00	57.87 4.09 0.00	59.00 4.03 0.00	56.16 3.12 0.00
BALL_HILL_WT_PWR 323825	42.17 -3.55 0.00	34.88 -2.65 0.00	30.82 -2.45 0.00	29.16 -2.06 0.00	26.61 -1.88 0.00	29.00 -2.10 0.00	30.68 -2.38 0.00	29.83 -2.72 0.00	33.82 -2.89 0.00	38.73 -3.40 0.00	32.61 -3.07 3.73	35.74 -3.10 0.00	37.03 -2.90 0.00	39.32 -2.70 0.00	42.35 -2.73 0.00	43.29 -2.33 0.00	49.12 -2.57 0.00	48.78 -2.19 0.00	55.94 -2.44 0.00	55.11 -2.53 0.00	58.21 -3.02 0.00	51.04 -2.74 0.00	52.76 -2.21 0.00	51.02 -2.02 0.00
BARON_WINDS___WT_PWR 323822	42.67 -3.06 0.00	35.30 -2.24 0.00	31.15 -2.13 0.00	29.34 -1.89 0.00	26.75 -1.73 0.00	29.14 -1.97 0.00	30.96 -2.10 0.00	30.49 -2.06 0.00	34.39 -2.32 0.00	39.36 -2.77 0.00	29.49 -2.81 7.12	36.03 -2.82 0.00	37.29 -2.64 0.00	39.68 -2.35 0.00	42.62 -2.46 0.00	43.50 -2.12 0.00	49.58 -2.11 0.00	49.14 -1.83 0.00	56.73 -1.65 0.00	56.10 -1.54 0.00	59.59 -1.65 0.00	52.25 -1.52 0.00	53.76 -1.21 0.00	51.94 -1.11 0.00
BARRETT_IC_1 23704	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_10 23701	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_11 23702	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_12 23703	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_2 23705	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_3 23706	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_4 23707	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00

BARRETT_IC_5 23708	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_6 23709	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_7 23710	48.90 3.18 0.00	40.21 2.68 0.00	35.79 2.52 0.00	33.34 2.12 0.00	30.41 1.93 0.00	33.31 2.20 0.00	35.40 2.34 0.00	34.79 2.24 0.00	39.13 2.42 0.00	44.90 2.77 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.45 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.14 0.00	61.49 3.11 0.00	60.81 3.17 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_8 23711	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT_IC_9 23700	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT___1 23545	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BARRETT___2 23546	48.90 3.18 0.00	40.21 2.68 0.00	35.80 2.53 0.00	33.33 2.11 0.00	30.42 1.94 0.00	33.31 2.20 0.00	35.42 2.36 0.00	34.79 2.24 0.00	39.13 2.41 0.00	44.91 2.78 0.00	41.86 2.45 0.00	41.06 2.22 0.00	42.06 2.12 0.00	44.43 2.40 0.00	47.52 2.44 0.00	48.17 2.56 0.00	54.86 3.14 -0.04	54.12 3.15 0.00	61.49 3.11 0.00	60.80 3.16 0.00	64.12 2.89 0.00	56.55 2.77 0.00	57.64 2.66 0.00	54.99 1.95 0.00
BATAVIA__115KV_TB1 55881	43.20 -2.52 0.00	35.68 -1.86 0.00	31.54 -1.73 0.00	29.86 -1.37 0.00	27.22 -1.27 0.00	29.66 -1.45 0.00	31.51 -1.55 0.00	30.62 -1.93 0.00	34.70 -2.02 0.00	39.81 -2.32 0.00	34.67 -1.91 2.82	36.82 -2.02 0.00	37.90 -2.03 0.00	39.84 -2.19 0.00	43.11 -1.96 0.00	43.91 -1.70 0.00	49.85 -1.84 0.00	49.39 -1.58 0.00	56.42 -1.96 0.00	55.37 -2.27 0.00	58.42 -2.81 0.00	51.15 -2.62 0.00	52.82 -2.15 0.00	51.07 -1.98 0.00
BAYONEEC___CTG1 323682	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG10 323750	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG2 323683	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG3 323684	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG4 323685	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG5 323686	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG6 323687	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00

BAYONEEC___CTG7 323688	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG8 323689	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BAYONEEC___CTG9 323749	48.58 2.85 0.00	39.95 2.41 0.00	35.49 2.21 0.00	33.11 1.89 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.64 2.09 0.00	38.91 2.20 0.00	44.54 2.41 0.00	41.62 2.21 0.00	40.92 2.08 0.00	42.02 2.09 0.00	44.18 2.15 0.00	47.25 2.17 0.00	47.71 2.10 0.00	54.15 2.46 0.00	53.56 2.59 0.00	61.03 2.65 0.00	60.07 2.44 0.00	63.44 2.21 0.00	55.94 2.16 0.00	57.03 2.06 0.00	54.65 1.61 0.00
BEACON___LESR 323632	47.99 2.27 0.00	39.37 1.84 0.00	34.94 1.66 0.00	32.74 1.52 0.00	29.90 1.42 0.00	32.72 1.61 0.00	34.82 1.76 0.00	34.33 1.78 0.00	38.63 1.92 0.00	44.26 2.13 0.00	41.35 1.94 0.00	40.76 1.93 0.00	41.96 2.02 0.00	44.06 2.04 0.00	47.21 2.14 0.00	47.43 1.82 0.00	53.92 2.23 0.00	53.24 2.27 0.00	60.88 2.50 0.00	59.89 2.26 0.00	63.40 2.17 0.00	55.62 1.85 0.00	56.77 1.80 0.00	54.78 1.73 0.00
BEAVER RIVER___HYD 24048	44.85 -0.87 0.00	36.96 -0.57 0.00	32.41 -0.86 0.00	31.87 -0.93 -1.58	30.56 -0.99 -3.07	33.23 -1.13 -3.25	35.21 -1.20 -3.35	34.76 -1.11 -3.32	39.09 -1.21 -3.59	44.81 -1.25 -3.92	42.03 -1.13 -3.76	41.51 -1.06 -3.72	42.67 -1.05 -3.79	44.92 -1.02 -3.91	48.02 -1.16 -4.10	45.85 -0.80 -1.04	51.56 -0.48 -0.36	50.99 0.02 0.00	58.40 0.02 0.00	58.60 0.96 0.00	62.47 1.24 0.00	54.71 0.93 0.00	56.05 1.08 0.00	54.23 1.19 0.00
BEEBEE_GT_13 23619	43.26 -2.47 0.00	35.63 -1.91 0.00	31.53 -1.75 0.00	29.77 -1.46 0.00	27.18 -1.30 0.00	29.62 -1.49 0.00	31.44 -1.62 0.00	30.73 -1.83 0.00	34.75 -1.96 0.00	39.90 -2.23 0.00	35.33 -1.96 2.13	36.88 -1.96 0.00	38.00 -1.93 0.00	40.08 -1.95 0.00	43.11 -1.97 0.00	43.76 -1.86 0.00	49.64 -2.05 0.00	49.10 -1.87 0.00	56.11 -2.27 0.00	55.17 -2.47 0.00	58.30 -2.94 0.00	51.08 -2.70 0.00	52.54 -2.43 0.00	50.72 -2.32 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.12 3.40 0.00	40.47 2.93 0.00	35.92 2.65 0.00	33.51 2.29 0.00	30.54 2.05 0.00	33.42 2.31 0.00	35.59 2.53 0.00	35.00 2.45 0.00	39.33 2.61 0.00	45.01 2.88 0.00	42.08 2.67 0.00	41.34 2.51 0.00	42.45 2.51 0.00	44.64 2.61 0.00	47.75 2.68 0.00	48.28 2.67 0.00	54.70 3.01 0.00	54.28 3.31 0.00	61.91 3.53 0.00	60.96 3.32 0.00	64.33 3.10 0.00	56.70 2.93 0.00	57.83 2.86 0.00	55.39 2.35 0.00
BETHLEHEM___GRP 23843	47.30 1.57 0.00	38.79 1.25 0.00	34.48 1.20 0.00	32.34 1.12 0.00	29.56 1.08 0.00	32.25 1.15 0.00	34.29 1.23 0.00	33.80 1.25 0.00	37.99 1.28 0.00	43.59 1.46 0.00	40.76 1.35 0.00	40.17 1.34 0.00	41.29 1.35 0.00	43.41 1.38 0.00	46.46 1.38 0.00	46.63 1.01 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.62 1.24 0.00	58.72 1.08 0.00	62.24 1.01 0.00	54.70 0.92 0.00	55.91 0.94 0.00	54.07 1.03 0.00
BETHLEHEM___GS1 323560	47.30 1.57 0.00	38.79 1.25 0.00	34.47 1.20 0.00	32.34 1.12 0.00	29.54 1.07 0.00	32.25 1.14 0.00	34.29 1.23 0.00	33.79 1.24 0.00	37.99 1.28 0.00	43.59 1.46 0.00	40.77 1.36 0.00	40.17 1.34 0.00	41.29 1.35 0.00	43.41 1.38 0.00	46.46 1.38 0.00	46.63 1.01 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.62 1.24 0.00	58.72 1.08 0.00	62.24 1.01 0.00	54.70 0.92 0.00	55.91 0.94 0.00	54.07 1.03 0.00
BETHLEHEM___GS2 323561	47.30 1.57 0.00	38.79 1.25 0.00	34.47 1.20 0.00	32.34 1.12 0.00	29.54 1.07 0.00	32.25 1.14 0.00	34.29 1.23 0.00	33.79 1.24 0.00	37.99 1.28 0.00	43.59 1.46 0.00	40.77 1.36 0.00	40.17 1.34 0.00	41.29 1.35 0.00	43.41 1.38 0.00	46.46 1.38 0.00	46.63 1.01 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.62 1.24 0.00	58.72 1.08 0.00	62.24 1.01 0.00	54.70 0.92 0.00	55.91 0.94 0.00	54.07 1.03 0.00
BETHLEHEM___GS3 323562	47.30 1.57 0.00	38.79 1.25 0.00	34.47 1.20 0.00	32.34 1.12 0.00	29.54 1.07 0.00	32.25 1.14 0.00	34.29 1.23 0.00	33.79 1.24 0.00	37.99 1.28 0.00	43.59 1.46 0.00	40.77 1.36 0.00	40.17 1.34 0.00	41.29 1.35 0.00	43.41 1.38 0.00	46.46 1.38 0.00	46.63 1.01 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.62 1.24 0.00	58.72 1.08 0.00	62.24 1.01 0.00	54.70 0.92 0.00	55.91 0.94 0.00	54.07 1.03 0.00
BETHLEHEM___STEEL 23779	42.43 -3.29 0.00	35.12 -2.41 0.00	31.04 -2.24 0.00	29.39 -1.84 0.00	26.78 -1.70 0.00	29.17 -1.94 0.00	30.95 -2.11 0.00	30.02 -2.53 0.00	34.00 -2.71 0.00	38.98 -3.16 0.00	32.99 -2.75 3.67	36.06 -2.78 0.00	37.27 -2.67 0.00	39.42 -2.61 0.00	42.43 -2.65 0.00	43.26 -2.36 0.00	49.01 -2.68 0.00	48.59 -2.38 0.00	55.66 -2.72 0.00	54.72 -2.91 0.00	57.82 -3.41 0.00	50.74 -3.04 0.00	52.54 -2.43 0.00	50.90 -2.14 0.00
BETHLHEM_115KV_TB1 79974	47.28 1.56 0.00	38.77 1.24 0.00	34.47 1.19 0.00	32.31 1.09 0.00	29.53 1.05 0.00	32.23 1.12 0.00	34.26 1.20 0.00	33.77 1.22 0.00	37.97 1.25 0.00	43.57 1.44 0.00	40.73 1.32 0.00	40.13 1.30 0.00	41.26 1.33 0.00	43.37 1.34 0.00	46.44 1.36 0.00	46.66 1.05 0.00	52.90 1.22 0.00	52.23 1.27 0.00	59.68 1.30 0.00	58.77 1.14 0.00	62.30 1.07 0.00	54.74 0.97 0.00	55.95 0.98 0.00	54.06 1.02 0.00
BETHPAGE_CC_5 323564	49.10 3.38 0.00	40.35 2.81 0.00	35.93 2.66 0.00	33.46 2.24 0.00	30.53 2.05 0.00	33.43 2.33 0.00	35.58 2.52 0.00	34.97 2.42 0.00	39.34 2.63 0.00	45.16 3.03 0.00	42.07 2.66 0.00	41.23 2.40 0.00	42.25 2.31 0.00	44.67 2.64 0.00	47.75 2.68 0.00	48.40 2.79 0.00	55.15 3.42 -0.04	54.43 3.45 0.00	61.81 3.44 0.00	61.17 3.53 0.00	64.47 3.24 0.00	56.83 3.05 0.00	57.96 2.99 0.00	55.25 2.21 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	42.70 -3.02 0.00	35.34 -2.20 0.00	31.22 -2.05 0.00	29.56 -1.66 0.00	26.93 -1.55 0.00	29.34 -1.77 0.00	31.12 -1.94 0.00	30.19 -2.36 0.00	34.21 -2.50 0.00	39.22 -2.91 0.00	33.19 -2.49 3.72	36.32 -2.52 0.00	37.55 -2.39 0.00	39.70 -2.32 0.00	42.74 -2.33 0.00	43.58 -2.03 0.00	49.38 -2.31 0.00	48.96 -2.01 0.00	56.07 -2.31 0.00	55.13 -2.51 0.00	58.24 -2.99 0.00	51.11 -2.66 0.00	52.93 -2.04 0.00	51.27 -1.78 0.00

BINGHAMTON___COGEN 23790	45.30 -0.43 0.00	37.31 -0.23 0.00	33.00 -0.28 0.00	30.96 -0.26 0.00	28.25 -0.23 0.00	30.81 -0.30 0.00	32.77 -0.29 0.00	32.35 -0.20 0.00	36.47 -0.25 0.00	41.79 -0.33 0.00	38.92 -0.49 0.00	38.51 -0.33 0.00	39.67 -0.27 0.00	41.83 -0.20 0.00	44.86 -0.21 0.00	45.44 -0.18 0.00	51.62 -0.07 0.00	51.01 0.04 0.00	58.44 0.06 0.00	57.59 -0.05 0.00	61.03 -0.20 0.00	53.50 -0.28 0.00	54.73 -0.24 0.00	52.71 -0.34 0.00
BIXINCNT_115KV_LOAD 355685	41.89 -3.84 0.00	34.59 -2.94 0.00	30.59 -2.68 0.00	28.89 -2.33 0.00	26.33 -2.15 0.00	28.67 -2.44 0.00	30.42 -2.63 0.00	29.47 -3.08 0.00	33.54 -3.18 0.00	38.43 -3.70 0.00	32.42 -2.94 4.05	36.04 -2.80 0.00	37.39 -2.55 0.00	39.61 -2.42 0.00	42.88 -2.20 0.00	43.98 -1.63 0.00	49.93 -1.75 0.00	49.62 -1.35 0.00	56.81 -1.57 0.00	55.99 -1.64 0.00	59.22 -2.01 0.00	52.11 -1.66 0.00	54.01 -0.96 0.00	52.27 -0.77 0.00
BLACK RIVER___HYD 24047	44.86 -0.86 0.00	36.87 -0.66 0.00	32.32 -0.95 0.00	31.33 -1.00 -1.10	29.63 -0.99 -2.15	32.27 -1.11 -2.27	34.24 -1.16 -2.34	33.84 -1.03 -2.32	38.12 -1.11 -2.51	43.74 -1.14 -2.74	40.93 -1.10 -2.63	40.41 -1.03 -2.60	41.49 -1.09 -2.65	43.67 -1.09 -2.73	46.81 -1.13 -2.86	45.64 -0.70 -0.72	51.90 -0.04 -0.25	51.55 0.58 0.00	58.92 0.54 0.00	59.33 1.69 0.00	63.11 1.88 0.00	55.14 1.37 0.00	56.39 1.42 0.00	54.40 1.36 0.00
BLACKRVR_115KV_TB2 79977	44.86 -0.87 0.00	36.87 -0.67 0.00	32.32 -0.95 0.00	31.33 -1.00 -1.10	29.64 -0.99 -2.15	32.27 -1.11 -2.27	34.24 -1.16 -2.34	33.84 -1.03 -2.32	38.12 -1.11 -2.51	43.74 -1.14 -2.74	40.94 -1.10 -2.63	40.41 -1.03 -2.60	41.49 -1.09 -2.65	43.67 -1.09 -2.73	46.81 -1.13 -2.86	45.65 -0.69 -0.72	51.90 -0.04 -0.25	51.55 0.58 0.00	58.91 0.54 0.00	59.32 1.69 0.00	63.11 1.88 0.00	55.14 1.37 0.00	56.39 1.42 0.00	54.40 1.36 0.00
BLISS_WT_PWR 323608	41.35 -4.37 0.00	34.13 -3.41 0.00	30.19 -3.08 0.00	28.49 -2.73 0.00	25.99 -2.49 0.00	28.29 -2.82 0.00	29.96 -3.09 0.00	29.14 -3.41 0.00	33.13 -3.58 0.00	37.96 -4.17 0.00	32.00 -3.36 4.05	35.65 -3.19 0.00	37.01 -2.92 0.00	39.23 -2.80 0.00	42.51 -2.57 0.00	43.64 -1.98 0.00	49.57 -2.12 0.00	49.29 -1.68 0.00	56.45 -1.93 0.00	55.66 -1.98 0.00	58.88 -2.36 0.00	51.80 -1.98 0.00	53.68 -1.29 0.00	51.94 -1.10 0.00
BLUESTONE___WT_PWR 323821	45.34 -0.39 0.00	37.27 -0.27 0.00	33.04 -0.23 0.00	30.98 -0.24 0.00	28.15 -0.33 0.00	30.69 -0.42 0.00	32.79 -0.27 0.00	32.94 0.39 0.00	37.36 0.65 0.00	42.60 0.47 0.00	42.08 0.26 -2.41	39.17 0.34 0.00	40.05 0.12 0.00	42.42 0.39 0.00	45.02 -0.06 0.00	45.65 0.03 0.00	52.04 0.35 0.00	51.65 0.68 0.00	58.86 0.48 0.00	59.40 1.77 0.00	63.53 2.30 0.00	55.84 2.07 0.00	57.25 2.28 0.00	55.14 2.10 0.00
BLUE_CIRC_CHEM_DRP 24182	47.42 1.69 0.00	38.92 1.38 0.00	34.57 1.30 0.00	32.42 1.20 0.00	29.61 1.13 0.00	32.33 1.22 0.00	34.37 1.31 0.00	33.86 1.31 0.00	38.07 1.36 0.00	43.68 1.54 0.00	40.74 1.33 0.00	40.24 1.40 0.00	41.38 1.45 0.00	43.54 1.51 0.00	46.64 1.56 0.00	46.99 1.38 0.00	53.29 1.60 0.00	52.59 1.62 0.00	60.12 1.74 0.00	59.22 1.58 0.00	62.79 1.56 0.00	55.16 1.38 0.00	56.35 1.38 0.00	54.38 1.33 0.00
BOC_GAS_DRP 24189	47.08 1.35 0.00	38.62 1.09 0.00	34.29 1.02 0.00	32.15 0.93 0.00	29.34 0.86 0.00	32.06 0.95 0.00	34.08 1.02 0.00	33.57 1.02 0.00	37.77 1.05 0.00	43.33 1.20 0.00	40.51 1.10 0.00	39.91 1.07 0.00	41.02 1.09 0.00	43.14 1.11 0.00	46.22 1.14 0.00	46.61 1.00 0.00	52.86 1.17 0.00	52.19 1.22 0.00	59.64 1.26 0.00	58.76 1.13 0.00	62.30 1.07 0.00	54.75 0.97 0.00	55.93 0.96 0.00	53.89 0.85 0.00
BOONVILLE_115KV_TB1 79983	45.99 0.26 0.00	37.86 0.33 0.00	33.39 0.11 0.00	31.87 0.05 -0.60	29.64 -0.01 -1.17	32.32 -0.02 -1.23	34.35 0.02 -1.27	33.91 0.09 -1.26	38.19 0.12 -1.36	43.82 0.21 -1.49	41.03 0.19 -1.42	40.49 0.24 -1.41	41.66 0.29 -1.44	43.88 0.37 -1.48	47.02 0.39 -1.55	46.59 0.58 -0.39	52.70 0.87 -0.14	52.05 1.09 0.00	59.58 1.20 0.00	59.21 1.57 0.00	62.91 1.67 0.00	55.12 1.35 0.00	56.36 1.39 0.00	54.33 1.29 0.00
BORALEX_4TH_BRANCH 23824	49.08 3.35 0.00	40.22 2.68 0.00	35.73 2.46 0.00	33.52 2.30 0.00	30.57 2.09 0.00	33.43 2.32 0.00	35.52 2.46 0.00	34.99 2.44 0.00	39.36 2.65 0.00	45.17 3.04 0.00	42.23 2.82 0.00	41.64 2.80 0.00	42.79 2.86 0.00	44.99 2.96 0.00	48.15 3.07 0.00	48.62 3.01 0.00	55.03 3.34 0.00	54.31 3.34 0.00	62.17 3.79 0.00	61.21 3.57 0.00	64.78 3.55 0.00	57.04 3.27 0.00	58.20 3.23 0.00	55.82 2.78 0.00
BOWLINE___1 23526	48.01 2.29 0.00	39.47 1.93 0.00	35.07 1.80 0.00	32.71 1.49 0.00	29.84 1.35 0.00	32.66 1.55 0.00	34.78 1.72 0.00	34.19 1.64 0.00	38.38 1.67 0.00	43.95 1.82 0.00	41.06 1.64 0.00	40.35 1.51 0.00	41.45 1.51 0.00	43.61 1.59 0.00	46.73 1.65 0.00	47.26 1.65 0.00	53.71 2.02 0.00	53.13 2.16 0.00	60.58 2.20 0.00	59.64 2.00 0.00	63.11 1.88 0.00	55.50 1.73 0.00	56.60 1.63 0.00	54.25 1.20 0.00
BOWLINE___2 23595	48.08 2.36 0.00	39.53 1.99 0.00	35.12 1.85 0.00	32.75 1.53 0.00	29.87 1.39 0.00	32.70 1.59 0.00	34.82 1.76 0.00	34.23 1.68 0.00	38.43 1.72 0.00	44.01 1.88 0.00	41.11 1.70 0.00	40.41 1.58 0.00	41.50 1.57 0.00	43.67 1.65 0.00	46.79 1.71 0.00	47.33 1.72 0.00	53.81 2.12 0.00	53.21 2.24 0.00	60.69 2.31 0.00	59.73 2.10 0.00	63.20 1.97 0.00	55.59 1.82 0.00	56.68 1.71 0.00	54.33 1.28 0.00
BRADY___115KV_TB2 356060	46.36 0.64 0.00	38.05 0.52 0.00	33.64 0.36 0.00	33.56 0.31 -2.03	32.54 0.11 -3.94	35.39 0.11 -4.17	37.42 0.05 -4.31	36.83 0.01 -4.27	41.50 0.18 -4.61	47.46 0.29 -5.04	44.61 0.38 -4.83	43.97 0.35 -4.78	45.06 0.27 -4.86	47.20 0.15 -5.03	50.40 0.07 -5.26	47.27 0.33 -1.33	52.43 0.28 -0.47	51.24 0.27 0.00	58.94 0.56 0.00	58.55 0.91 0.00	62.56 1.33 0.00	55.07 1.29 0.00	56.55 1.58 0.00	55.11 2.07 0.00
BRANSCOMB___SOLAR 323811	48.71 2.98 0.00	39.90 2.36 0.00	35.41 2.13 0.00	33.12 1.89 0.00	30.18 1.70 0.00	33.01 1.90 0.00	35.26 2.20 0.00	34.79 2.24 0.00	39.20 2.48 0.00	44.95 2.83 0.00	41.98 2.57 0.00	41.49 2.65 0.00	42.67 2.73 0.00	44.85 2.83 0.00	48.00 2.93 0.00	48.52 2.91 0.00	55.09 3.40 0.00	54.41 3.44 0.00	62.11 3.73 0.00	61.10 3.46 0.00	64.68 3.44 0.00	56.81 3.04 0.00	57.89 2.92 0.00	55.57 2.52 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	49.78 4.06 0.00	40.84 3.30 0.00	36.38 3.11 0.00	33.88 2.66 0.00	30.91 2.43 0.00	33.85 2.74 0.00	36.01 2.95 0.00	35.40 2.85 0.00	39.84 3.13 0.00	45.75 3.62 0.00	42.63 3.22 0.00	41.73 2.89 0.00	42.72 2.78 0.00	45.21 3.19 0.00	48.32 3.25 0.00	49.07 3.46 0.00	56.03 4.31 -0.04	55.32 4.35 0.00	62.72 4.34 0.00	62.07 4.43 0.00	65.50 4.27 0.00	57.65 3.87 0.00	58.77 3.80 0.00	55.93 2.88 0.00

BRISTLHL_115KV_TB1 79998	44.16 -1.57 0.00	36.30 -1.24 0.00	32.13 -1.14 0.00	30.22 -1.01 0.00	27.65 -0.83 0.00	30.12 -0.99 0.00	31.98 -1.08 0.00	31.52 -1.03 0.00	35.51 -1.21 0.00	40.76 -1.37 0.00	38.12 -1.29 0.00	37.62 -1.22 0.00	38.70 -1.24 0.00	40.75 -1.28 0.00	43.74 -1.34 0.00	44.30 -1.32 0.00	50.31 -1.38 0.00	49.70 -1.27 0.00	56.87 -1.51 0.00	56.05 -1.59 0.00	59.40 -1.83 0.00	52.09 -1.69 0.00	53.21 -1.76 0.00	51.25 -1.79 0.00
BROOKHAVEN___DRP 24191	49.64 3.91 0.00	40.71 3.17 0.00	36.22 2.95 0.00	33.72 2.50 0.00	30.77 2.29 0.00	33.69 2.58 0.00	35.85 2.79 0.00	35.27 2.72 0.00	39.70 2.99 0.00	45.58 3.45 0.00	42.45 3.04 0.00	41.48 2.64 0.00	42.40 2.47 0.00	44.92 2.89 0.00	47.95 2.87 0.00	48.73 3.11 0.00	55.76 4.04 -0.04	55.17 4.20 0.00	62.50 4.12 0.00	61.85 4.21 0.00	65.24 4.01 0.00	57.29 3.51 0.00	58.56 3.58 0.00	55.82 2.78 0.00
BROOKLYN_NAVY_YARD 23515	48.52 2.79 0.00	39.90 2.36 0.00	35.45 2.17 0.00	33.10 1.88 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.20 2.14 0.00	34.63 2.08 0.00	38.88 2.17 0.00	44.51 2.37 0.00	41.61 2.20 0.00	40.91 2.07 0.00	41.99 2.06 0.00	44.14 2.11 0.00	47.21 2.13 0.00	47.68 2.07 0.00	54.13 2.44 0.00	53.57 2.60 0.00	61.04 2.66 0.00	60.08 2.44 0.00	63.44 2.21 0.00	55.90 2.13 0.00	56.99 2.02 0.00	54.59 1.54 0.00
BROOKLYN___ARMY_DRP 323595	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
BROOKVLE_69_KV_TB1 55790	49.20 3.47 0.00	40.44 2.91 0.00	35.96 2.69 0.00	33.50 2.28 0.00	30.56 2.08 0.00	33.46 2.35 0.00	35.61 2.55 0.00	35.03 2.48 0.00	39.41 2.69 0.00	45.19 3.06 0.00	42.15 2.74 0.00	41.36 2.52 0.00	42.40 2.47 0.00	44.76 2.74 0.00	47.88 2.80 0.00	48.50 2.88 0.00	55.14 3.42 -0.04	54.47 3.50 0.00	61.93 3.55 0.00	61.21 3.57 0.00	64.57 3.34 0.00	56.95 3.17 0.00	58.02 3.05 0.00	55.42 2.38 0.00
BROOME_2_LFGE 323671	45.29 -0.43 0.00	37.31 -0.23 0.00	33.00 -0.28 0.00	30.96 -0.27 0.00	28.25 -0.23 0.00	30.81 -0.30 0.00	32.76 -0.30 0.00	32.35 -0.20 0.00	36.46 -0.25 0.00	41.79 -0.34 0.00	38.91 -0.50 0.00	38.51 -0.33 0.00	39.67 -0.27 0.00	41.83 -0.20 0.00	44.86 -0.22 0.00	45.43 -0.18 0.00	51.62 -0.07 0.00	51.01 0.04 0.00	58.44 0.06 0.00	57.59 -0.05 0.00	61.03 -0.20 0.00	53.49 -0.28 0.00	54.73 -0.24 0.00	52.71 -0.33 0.00
BROOME___LFGE 323600	45.29 -0.43 0.00	37.31 -0.23 0.00	33.00 -0.28 0.00	30.96 -0.27 0.00	28.25 -0.23 0.00	30.81 -0.30 0.00	32.76 -0.30 0.00	32.35 -0.20 0.00	36.46 -0.25 0.00	41.79 -0.34 0.00	38.91 -0.50 0.00	38.51 -0.33 0.00	39.67 -0.27 0.00	41.83 -0.20 0.00	44.86 -0.22 0.00	45.43 -0.18 0.00	51.62 -0.07 0.00	51.01 0.04 0.00	58.44 0.06 0.00	57.59 -0.05 0.00	61.03 -0.20 0.00	53.49 -0.28 0.00	54.73 -0.24 0.00	52.71 -0.33 0.00
BROWNFLS_115KV_TB 3_5 80003	45.08 -0.65 0.00	37.10 -0.44 0.00	32.63 -0.64 0.00	33.36 -0.70 -2.84	33.18 -0.82 -5.52	35.94 -1.01 -5.83	37.91 -1.17 -6.02	37.37 -1.15 -5.97	41.93 -1.23 -6.45	47.97 -1.21 -7.05	45.18 -0.98 -6.75	44.62 -0.90 -6.69	45.81 -0.92 -6.80	48.08 -0.97 -7.03	51.18 -1.25 -7.36	46.41 -1.06 -1.86	51.23 -1.10 -0.65	50.20 -0.77 0.00	57.59 -0.78 0.00	57.61 -0.03 0.00	61.49 0.25 0.00	54.08 0.31 0.00	55.54 0.57 0.00	54.08 1.03 0.00
BROWNSV1_27_KV_LOAD 356125	49.06 3.33 0.00	40.31 2.77 0.00	35.80 2.53 0.00	33.41 2.19 0.00	30.47 1.99 0.00	33.35 2.24 0.00	35.51 2.45 0.00	34.95 2.40 0.00	39.28 2.57 0.00	44.97 2.84 0.00	42.04 2.63 0.00	41.33 2.49 0.00	42.43 2.50 0.00	44.62 2.59 0.00	47.71 2.64 0.00	48.21 2.60 0.00	54.74 3.06 0.00	54.17 3.20 0.00	61.74 3.36 0.00	60.77 3.13 0.00	64.18 2.94 0.00	56.53 2.76 0.00	57.62 2.65 0.00	55.18 2.14 0.00
BURROWS___LYONSDAL 23803	45.64 -0.09 0.00	37.60 0.07 0.00	33.08 -0.19 0.00	31.75 -0.26 -0.79	29.71 -0.31 -1.54	32.38 -0.36 -1.63	34.40 -0.34 -1.68	33.95 -0.26 -1.66	38.23 -0.28 -1.80	43.85 -0.25 -1.97	41.07 -0.22 -1.88	40.53 -0.17 -1.86	41.71 -0.12 -1.90	43.95 -0.03 -1.96	47.08 -0.05 -2.05	46.32 0.19 -0.52	52.36 0.49 -0.18	51.76 0.79 0.00	59.27 0.89 0.00	59.06 1.42 0.00	62.82 1.59 0.00	55.04 1.27 0.00	56.31 1.34 0.00	54.32 1.28 0.00
CAITHNESS_CC_1 323624	49.50 3.77 0.00	40.62 3.08 0.00	36.16 2.89 0.00	33.66 2.44 0.00	30.71 2.23 0.00	33.62 2.52 0.00	35.79 2.74 0.00	35.19 2.64 0.00	39.62 2.90 0.00	45.49 3.36 0.00	42.37 2.96 0.00	41.42 2.58 0.00	42.36 2.42 0.00	44.83 2.81 0.00	47.86 2.79 0.00	48.62 3.01 0.00	55.60 3.88 -0.04	54.98 4.01 0.00	62.28 3.91 0.00	61.63 3.99 0.00	65.02 3.79 0.00	57.14 3.36 0.00	58.38 3.40 0.00	55.63 2.59 0.00
CALPINE BETH_PAGE_GT4 24209	49.09 3.36 0.00	40.33 2.79 0.00	35.90 2.63 0.00	33.44 2.22 0.00	30.51 2.02 0.00	33.41 2.30 0.00	35.54 2.48 0.00	34.95 2.40 0.00	39.32 2.60 0.00	45.13 3.00 0.00	42.04 2.63 0.00	41.21 2.38 0.00	42.22 2.29 0.00	44.64 2.61 0.00	47.74 2.67 0.00	48.40 2.78 0.00	55.15 3.42 -0.04	54.44 3.46 0.00	61.84 3.46 0.00	61.18 3.55 0.00	64.48 3.25 0.00	56.81 3.03 0.00	57.94 2.97 0.00	55.26 2.21 0.00
CALPINE_BETH_PAGE_GT_4 323586	49.09 3.36 0.00	40.33 2.79 0.00	35.90 2.63 0.00	33.44 2.22 0.00	30.50 2.02 0.00	33.41 2.30 0.00	35.56 2.50 0.00	34.95 2.40 0.00	39.32 2.60 0.00	45.14 3.01 0.00	42.05 2.64 0.00	41.21 2.38 0.00	42.22 2.28 0.00	44.64 2.61 0.00	47.74 2.67 0.00	48.40 2.78 0.00	55.15 3.42 -0.04	54.44 3.46 0.00	61.83 3.46 0.00	61.18 3.54 0.00	64.48 3.25 0.00	56.81 3.03 0.00	57.94 2.97 0.00	55.26 2.21 0.00
CALPINE_BP_GT1 23823	49.09 3.36 0.00	40.33 2.79 0.00	35.90 2.63 0.00	33.44 2.22 0.00	30.50 2.02 0.00	33.41 2.30 0.00	35.56 2.50 0.00	34.95 2.40 0.00	39.32 2.60 0.00	45.14 3.01 0.00	42.05 2.64 0.00	41.21 2.38 0.00	42.22 2.28 0.00	44.64 2.61 0.00	47.74 2.67 0.00	48.40 2.78 0.00	55.15 3.42 -0.04	54.44 3.46 0.00	61.83 3.46 0.00	61.18 3.54 0.00	64.48 3.25 0.00	56.81 3.03 0.00	57.94 2.97 0.00	55.26 2.21 0.00
CALSPAN___DRP 24200	42.43 -3.29 0.00	35.12 -2.41 0.00	31.04 -2.24 0.00	29.39 -1.84 0.00	26.78 -1.70 0.00	29.17 -1.94 0.00	30.95 -2.11 0.00	30.02 -2.53 0.00	34.00 -2.71 0.00	38.98 -3.16 0.00	32.99 -2.75 3.67	36.06 -2.78 0.00	37.27 -2.67 0.00	39.42 -2.61 0.00	42.43 -2.65 0.00	43.26 -2.36 0.00	49.01 -2.68 0.00	48.59 -2.38 0.00	55.66 -2.72 0.00	54.72 -2.91 0.00	57.82 -3.41 0.00	50.74 -3.04 0.00	52.54 -2.43 0.00	50.90 -2.14 0.00

CALVERTON___SOLAR 323806	49.76 4.03 0.00	40.78 3.25 0.00	36.28 3.01 0.00	33.77 2.55 0.00	30.81 2.33 0.00	33.73 2.62 0.00	35.92 2.86 0.00	35.32 2.77 0.00	39.77 3.06 0.00	45.66 3.53 0.00	42.52 3.11 0.00	41.52 2.68 0.00	42.43 2.50 0.00	44.96 2.93 0.00	48.01 2.94 0.00	48.82 3.20 0.00	55.91 4.19 -0.04	55.36 4.38 0.00	62.66 4.28 0.00	62.01 4.37 0.00	65.42 4.19 0.00	57.40 3.63 0.00	58.73 3.75 0.00	56.02 2.98 0.00
CANDIGU_WT_PWR 323617	42.67 -3.06 0.00	35.30 -2.24 0.00	31.15 -2.13 0.00	29.34 -1.89 0.00	26.75 -1.73 0.00	29.14 -1.97 0.00	30.96 -2.10 0.00	30.49 -2.06 0.00	34.39 -2.32 0.00	39.36 -2.77 0.00	29.49 -2.81 7.12	36.03 -2.82 0.00	37.29 -2.64 0.00	39.68 -2.35 0.00	42.62 -2.46 0.00	43.50 -2.12 0.00	49.58 -2.11 0.00	49.14 -1.83 0.00	56.73 -1.65 0.00	56.10 -1.54 0.00	59.59 -1.65 0.00	52.25 -1.52 0.00	53.76 -1.21 0.00	51.94 -1.11 0.00
CARR STREET_E_SYR 24060	44.50 -1.22 0.00	36.57 -0.96 0.00	32.39 -0.88 0.00	30.45 -0.77 0.00	27.86 -0.62 0.00	30.35 -0.76 0.00	32.23 -0.83 0.00	31.76 -0.79 0.00	35.79 -0.93 0.00	41.06 -1.07 0.00	38.40 -1.01 0.00	37.91 -0.93 0.00	39.02 -0.92 0.00	41.09 -0.93 0.00	44.10 -0.98 0.00	44.66 -0.96 0.00	50.71 -0.98 0.00	50.08 -0.89 0.00	57.30 -1.08 0.00	56.45 -1.18 0.00	59.81 -1.42 0.00	52.45 -1.33 0.00	53.61 -1.36 0.00	51.63 -1.41 0.00
CARTHAGE___PAPER 23857	45.22 -0.51 0.00	37.22 -0.32 0.00	32.63 -0.64 0.00	31.78 -0.73 -1.29	30.19 -0.79 -2.50	32.87 -0.89 -2.65	34.87 -0.92 -2.73	34.44 -0.82 -2.71	38.78 -0.86 -2.92	44.48 -0.85 -3.20	41.68 -0.80 -3.06	41.14 -0.74 -3.03	42.28 -0.75 -3.09	44.50 -0.72 -3.19	47.63 -0.79 -3.34	46.08 -0.38 -0.84	52.13 0.15 -0.30	51.67 0.70 0.00	59.11 0.73 0.00	59.44 1.80 0.00	63.29 2.06 0.00	55.38 1.61 0.00	56.69 1.72 0.00	54.78 1.73 0.00
CASSADAGA_WT_PWR 323784	42.84 -2.89 0.00	35.40 -2.14 0.00	31.26 -2.01 0.00	29.56 -1.67 0.00	26.99 -1.49 0.00	29.52 -1.59 0.00	31.17 -1.89 0.00	30.23 -2.32 0.00	34.27 -2.45 0.00	39.00 -3.13 0.00	32.12 -3.24 4.06	35.47 -3.37 0.00	36.98 -2.95 0.00	39.70 -2.32 0.00	42.80 -2.28 0.00	44.30 -1.31 0.00	50.39 -1.30 0.00	49.94 -1.02 0.00	57.55 -0.83 0.00	56.96 -0.67 0.00	60.21 -1.02 0.00	52.64 -1.13 0.00	54.21 -0.76 0.00	52.20 -0.84 0.00
CE_DUNWOOD___DRP 24194	48.48 2.75 0.00	39.84 2.31 0.00	35.39 2.11 0.00	33.02 1.80 0.00	30.10 1.62 0.00	32.95 1.84 0.00	35.08 2.03 0.00	34.52 1.97 0.00	38.79 2.08 0.00	44.42 2.29 0.00	41.49 2.08 0.00	40.78 1.94 0.00	41.88 1.94 0.00	44.07 2.04 0.00	47.18 2.10 0.00	47.70 2.09 0.00	54.20 2.52 0.00	53.61 2.64 0.00	61.13 2.75 0.00	60.19 2.56 0.00	63.63 2.40 0.00	55.99 2.22 0.00	57.09 2.12 0.00	54.69 1.65 0.00
CE_MILLWOOD___DRP 24193	48.38 2.65 0.00	39.76 2.22 0.00	35.32 2.04 0.00	32.96 1.73 0.00	30.05 1.56 0.00	32.89 1.78 0.00	35.01 1.95 0.00	34.45 1.90 0.00	38.70 1.99 0.00	44.32 2.19 0.00	41.40 1.99 0.00	40.69 1.85 0.00	41.78 1.85 0.00	43.96 1.94 0.00	47.08 2.01 0.00	47.61 2.00 0.00	54.10 2.42 0.00	53.51 2.55 0.00	61.02 2.64 0.00	60.08 2.44 0.00	63.52 2.29 0.00	55.89 2.12 0.00	56.98 2.01 0.00	54.61 1.56 0.00
CE_NYC2_DRP 24202	48.68 2.96 0.00	40.08 2.54 0.00	35.60 2.33 0.00	33.22 2.00 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.73 2.18 0.00	39.03 2.31 0.00	44.65 2.52 0.00	41.74 2.33 0.00	41.03 2.19 0.00	42.12 2.18 0.00	44.25 2.23 0.00	47.30 2.22 0.00	47.82 2.21 0.00	54.23 2.55 0.00	53.69 2.72 0.00	61.19 2.81 0.00	60.25 2.62 0.00	63.65 2.42 0.00	56.08 2.31 0.00	57.17 2.20 0.00	54.79 1.75 0.00
CE_NYC_DRP 24195	48.64 2.91 0.00	39.98 2.45 0.00	35.52 2.25 0.00	33.16 1.94 0.00	30.24 1.76 0.00	33.10 1.99 0.00	35.24 2.18 0.00	34.68 2.13 0.00	38.98 2.27 0.00	44.61 2.48 0.00	41.68 2.27 0.00	40.99 2.15 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.31 2.23 0.00	47.79 2.18 0.00	54.26 2.57 0.00	53.68 2.71 0.00	61.15 2.78 0.00	60.22 2.58 0.00	63.59 2.36 0.00	56.04 2.26 0.00	57.11 2.14 0.00	54.72 1.67 0.00
CHAFFEE___LFGE 323603	42.92 -2.80 0.00	35.48 -2.05 0.00	31.35 -1.93 0.00	29.66 -1.56 0.00	27.05 -1.43 0.00	29.45 -1.66 0.00	31.16 -1.90 0.00	30.35 -2.20 0.00	34.41 -2.30 0.00	39.44 -2.69 0.00	33.18 -2.36 3.86	36.47 -2.37 0.00	37.68 -2.25 0.00	39.85 -2.18 0.00	42.85 -2.22 0.00	43.66 -1.96 0.00	49.49 -2.20 0.00	49.09 -1.88 0.00	56.22 -2.16 0.00	55.27 -2.37 0.00	58.36 -2.87 0.00	51.22 -2.55 0.00	53.04 -1.94 0.00	51.34 -1.70 0.00
CHATEAUG_35_KV_LOAD 355732	45.45 -0.27 0.00	37.23 -0.31 0.00	32.73 -0.54 0.00	3.50 -0.78 26.94	-24.72 -0.90 52.30	-25.15 -0.91 55.35	-25.04 -0.98 57.11	-25.01 -0.98 56.59	-25.32 -0.92 61.12	-25.72 -0.98 66.87	-25.48 -0.88 64.01	-25.46 -0.90 63.40	-25.54 -0.95 64.53	-25.70 -1.07 66.66	-25.87 -1.15 69.80	27.04 -0.94 17.64	44.25 -1.26 6.18	50.25 -0.72 0.00	58.09 -0.29 0.00	58.18 0.55 0.00	62.51 1.28 0.00	55.04 1.26 0.00	56.49 1.52 0.00	54.97 1.93 0.00
CHATEAUG_WT_PWR 323614	45.32 -0.41 0.00	37.12 -0.41 0.00	32.63 -0.64 0.00	5.27 -0.94 25.01	-21.15 -1.08 48.55	-21.43 -1.16 51.38	-21.17 -1.21 53.02	-21.15 -1.16 52.54	-21.23 -1.21 56.74	-21.27 -1.32 62.08	-21.18 -1.17 59.42	-21.17 -1.15 58.86	-21.21 -1.24 59.90	-21.18 -1.32 61.88	-21.13 -1.40 64.80	28.05 -1.19 16.37	44.45 -1.50 5.74	50.02 -0.94 0.00	57.85 -0.53 0.00	57.99 0.35 0.00	62.34 1.11 0.00	54.89 1.12 0.00	56.31 1.34 0.00	54.80 1.76 0.00
CHAT_HIGH_FALL_HYD 323578	45.45 -0.27 0.00	37.23 -0.31 0.00	32.73 -0.54 0.00	3.50 -0.78 26.94	-24.72 -0.90 52.30	-25.15 -0.91 55.35	-25.04 -0.98 57.11	-25.01 -0.98 56.59	-25.32 -0.92 61.12	-25.72 -0.98 66.87	-25.48 -0.88 64.01	-25.46 -0.90 63.40	-25.54 -0.95 64.53	-25.70 -1.07 66.66	-25.87 -1.15 69.80	27.04 -0.94 17.64	44.25 -1.26 6.18	50.25 -0.72 0.00	58.09 -0.29 0.00	58.18 0.55 0.00	62.51 1.28 0.00	55.04 1.26 0.00	56.49 1.52 0.00	54.97 1.93 0.00
CHAUTAUQUA___LFGE 323629	42.34 -3.38 0.00	35.01 -2.52 0.00	30.92 -2.35 0.00	29.26 -1.96 0.00	26.71 -1.78 0.00	29.25 -1.86 0.00	30.92 -2.14 0.00	30.05 -2.50 0.00	34.07 -2.65 0.00	38.91 -3.22 0.00	32.46 -3.06 3.90	35.73 -3.11 0.00	37.13 -2.80 0.00	39.62 -2.40 0.00	42.68 -2.40 0.00	43.87 -1.74 0.00	49.75 -1.94 0.00	49.32 -1.65 0.00	56.64 -1.73 0.00	55.87 -1.77 0.00	59.03 -2.20 0.00	51.70 -2.07 0.00	53.34 -1.63 0.00	51.50 -1.55 0.00
CHERRYST_13_KV_LD 356241	48.75 3.03 0.00	40.08 2.55 0.00	35.61 2.33 0.00	33.23 2.01 0.00	30.31 1.83 0.00	33.18 2.07 0.00	35.32 2.26 0.00	34.77 2.22 0.00	39.08 2.36 0.00	44.73 2.61 0.00	41.80 2.39 0.00	41.10 2.26 0.00	42.21 2.27 0.00	44.37 2.35 0.00	47.44 2.37 0.00	47.93 2.31 0.00	54.42 2.73 0.00	53.84 2.87 0.00	61.33 2.95 0.00	60.38 2.74 0.00	63.75 2.52 0.00	56.18 2.41 0.00	57.26 2.29 0.00	54.87 1.82 0.00

CHESTROR_138KV_BK263 355645	47.92 2.20 0.00	39.38 1.84 0.00	34.97 1.70 0.00	32.64 1.42 0.00	29.77 1.29 0.00	32.58 1.47 0.00	34.68 1.62 0.00	34.13 1.58 0.00	38.33 1.61 0.00	43.87 1.75 0.00	40.96 1.55 0.00	40.28 1.44 0.00	41.38 1.45 0.00	43.55 1.53 0.00	46.69 1.62 0.00	47.25 1.64 0.00	53.74 2.06 0.00	53.15 2.18 0.00	60.64 2.26 0.00	59.70 2.07 0.00	63.18 1.95 0.00	55.53 1.76 0.00	56.63 1.66 0.00	54.31 1.27 0.00
CH_MIDHUDSON___DRP 24192	48.76 3.03 0.00	40.05 2.52 0.00	35.55 2.28 0.00	33.19 1.96 0.00	30.24 1.76 0.00	33.11 2.00 0.00	35.27 2.21 0.00	34.72 2.17 0.00	39.04 2.32 0.00	44.69 2.56 0.00	41.70 2.29 0.00	40.98 2.15 0.00	42.10 2.16 0.00	44.33 2.30 0.00	47.52 2.45 0.00	48.07 2.45 0.00	54.66 2.98 0.00	54.10 3.13 0.00	61.70 3.32 0.00	60.72 3.08 0.00	64.17 2.93 0.00	56.41 2.64 0.00	57.48 2.51 0.00	55.09 2.04 0.00
CH_MISC_IPPS 23765	48.94 3.21 0.00	40.20 2.67 0.00	35.68 2.41 0.00	33.30 2.08 0.00	30.36 1.88 0.00	33.23 2.12 0.00	35.41 2.35 0.00	34.85 2.30 0.00	39.17 2.46 0.00	44.82 2.70 0.00	41.83 2.42 0.00	41.10 2.26 0.00	42.25 2.31 0.00	44.50 2.48 0.00	47.72 2.64 0.00	48.29 2.67 0.00	54.95 3.27 0.00	54.38 3.41 0.00	62.01 3.63 0.00	61.04 3.40 0.00	64.50 3.26 0.00	56.67 2.89 0.00	57.73 2.76 0.00	55.31 2.27 0.00
CH_RES_BVR_FALLS 23983	44.81 -0.91 0.00	36.83 -0.71 0.00	32.57 -0.70 0.00	30.54 -0.68 0.00	27.79 -0.70 0.00	30.36 -0.75 0.00	32.27 -0.79 0.00	31.76 -0.79 0.00	35.94 -0.78 0.00	41.28 -0.85 0.00	38.66 -0.75 0.00	38.10 -0.74 0.00	39.19 -0.74 0.00	41.31 -0.72 0.00	44.38 -0.69 0.00	45.06 -0.56 0.00	50.94 -0.75 0.00	50.30 -0.67 0.00	57.89 -0.49 0.00	57.39 -0.24 0.00	61.35 0.12 0.00	53.98 0.21 0.00	55.31 0.34 0.00	53.59 0.55 0.00
CH_RES_NIAGARA 23895	40.85 -4.87 0.00	33.84 -3.70 0.00	29.93 -3.34 0.00	28.40 -2.82 0.00	25.87 -2.61 0.00	28.20 -2.91 0.00	29.91 -3.15 0.00	28.91 -3.64 0.00	32.75 -3.97 0.00	37.53 -4.59 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.81 -4.12 0.00	37.78 -4.24 0.00	40.66 -4.42 0.00	41.32 -4.30 0.00	46.73 -4.95 0.00	46.30 -4.68 0.00	52.84 -5.54 0.00	51.92 -5.72 0.00	54.73 -6.51 0.00	48.08 -5.69 0.00	49.96 -5.01 0.00	48.54 -4.51 0.00
CH_RES_SYRACUSE 23985	44.94 -0.79 0.00	36.94 -0.60 0.00	32.70 -0.58 0.00	30.75 -0.48 0.00	28.13 -0.35 0.00	30.65 -0.46 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.15 -0.56 0.00	41.47 -0.66 0.00	38.78 -0.63 0.00	38.27 -0.57 0.00	39.43 -0.50 0.00	41.51 -0.52 0.00	44.55 -0.52 0.00	45.13 -0.48 0.00	51.26 -0.43 0.00	50.63 -0.34 0.00	57.93 -0.45 0.00	57.08 -0.55 0.00	60.47 -0.76 0.00	53.02 -0.76 0.00	54.18 -0.79 0.00	52.17 -0.88 0.00
CLINTON_WT_PWR 323605	45.32 -0.41 0.00	37.12 -0.41 0.00	32.63 -0.64 0.00	5.27 -0.94 25.01	-21.15 -1.08 48.55	-21.43 -1.16 51.38	-21.17 -1.21 53.02	-21.15 -1.16 52.54	-21.23 -1.21 56.74	-21.27 -1.32 62.08	-21.18 -1.17 59.42	-21.17 -1.15 58.86	-21.21 -1.24 59.90	-21.18 -1.32 61.88	-21.13 -1.40 64.80	28.05 -1.19 16.37	44.45 -1.50 5.74	50.02 -0.94 0.00	57.85 -0.53 0.00	57.99 0.35 0.00	62.34 1.11 0.00	54.89 1.12 0.00	56.31 1.34 0.00	54.80 1.76 0.00
CLINTON___LFGE 323618	46.05 0.33 0.00	37.71 0.18 0.00	33.18 -0.09 0.00	5.26 -0.45 25.51	-21.67 -0.62 49.53	-21.93 -0.62 52.41	-21.66 -0.63 54.09	-21.64 -0.60 53.59	-21.70 -0.53 57.89	-21.74 -0.54 63.33	-21.67 -0.47 60.62	-21.67 -0.47 60.04	-21.70 -0.53 61.11	-21.72 -0.62 63.13	-21.75 -0.73 66.10	28.37 -0.54 16.70	45.16 -0.67 5.86	50.89 -0.08 0.00	58.83 0.45 0.00	58.92 1.28 0.00	63.30 2.07 0.00	55.72 1.95 0.00	57.13 2.16 0.00	55.57 2.53 0.00
COBBLENY_34_KV_TB1 80064	42.92 -2.81 0.00	35.49 -2.04 0.00	31.35 -1.93 0.00	29.69 -1.53 0.00	27.04 -1.44 0.00	29.46 -1.65 0.00	31.25 -1.81 0.00	30.34 -2.21 0.00	34.40 -2.32 0.00	39.44 -2.69 0.00	33.19 -2.35 3.86	36.46 -2.38 0.00	37.67 -2.27 0.00	39.83 -2.19 0.00	42.85 -2.23 0.00	43.67 -1.94 0.00	49.50 -2.19 0.00	49.09 -1.88 0.00	56.22 -2.16 0.00	55.25 -2.39 0.00	58.36 -2.87 0.00	51.22 -2.56 0.00	53.04 -1.93 0.00	51.35 -1.69 0.00
COFFEEN___115KV_TB3 355620	45.16 -0.57 0.00	37.11 -0.42 0.00	32.53 -0.74 0.00	31.49 -0.80 -1.07	29.76 -0.80 -2.08	32.42 -0.89 -2.20	34.42 -0.91 -2.27	34.01 -0.79 -2.25	38.33 -0.81 -2.43	43.98 -0.81 -2.66	41.14 -0.82 -2.55	40.62 -0.75 -2.52	41.68 -0.82 -2.57	43.84 -0.84 -2.65	47.05 -0.81 -2.78	45.96 -0.35 -0.70	52.30 0.37 -0.25	51.96 1.00 0.00	59.39 1.01 0.00	59.74 2.10 0.00	63.50 2.27 0.00	55.47 1.69 0.00	56.70 1.72 0.00	54.64 1.59 0.00
COLDSPRG_115KV_BK1 355956	44.38 -1.34 0.00	36.65 -0.89 0.00	32.41 -0.87 0.00	30.62 -0.60 0.00	27.90 -0.58 0.00	30.42 -0.68 0.00	32.16 -0.90 0.00	31.22 -1.32 0.00	35.39 -1.32 0.00	40.53 -1.60 4.31	33.68 -1.42 0.00	37.35 -1.49 0.00	38.75 -1.19 0.00	41.18 -0.85 0.00	44.29 -0.79 0.00	45.36 -0.26 0.00	51.39 -0.30 0.00	50.82 -0.15 0.00	58.34 -0.04 0.00	57.53 -0.11 0.00	60.81 -0.42 0.00	53.34 -0.43 0.00	55.14 0.17 0.00	53.21 0.17 0.00
COLONIE_LFGE___ 323577	48.11 2.38 0.00	39.41 1.87 0.00	35.00 1.73 0.00	32.80 1.58 0.00	29.91 1.43 0.00	32.71 1.60 0.00	34.81 1.75 0.00	34.30 1.75 0.00	38.61 1.89 0.00	44.30 2.18 0.00	41.45 2.04 0.00	40.86 2.03 0.00	42.00 2.07 0.00	44.14 2.11 0.00	47.27 2.20 0.00	47.72 2.10 0.00	54.11 2.42 0.00	53.44 2.48 0.00	61.06 2.68 0.00	60.10 2.47 0.00	63.68 2.45 0.00	55.98 2.20 0.00	57.09 2.12 0.00	54.88 1.84 0.00
COOPERNY_115KV_TB1 80082	47.25 1.53 0.00	38.82 1.29 0.00	34.47 1.19 0.00	32.22 1.00 0.00	29.38 0.91 0.00	32.14 1.03 0.00	34.20 1.14 0.00	33.66 1.11 0.00	37.84 1.12 0.00	43.34 1.21 0.00	40.48 1.07 0.00	39.82 0.99 0.00	40.92 0.98 0.00	43.08 1.05 0.00	46.20 1.12 0.00	46.74 1.12 0.00	53.12 1.44 0.00	52.49 1.52 0.00	59.95 1.57 0.00	59.06 1.43 0.00	62.53 1.30 0.00	54.97 1.19 0.00	56.09 1.12 0.00	53.86 0.82 0.00
COPENHAGEN_WT_PWR 323753	44.34 -1.39 0.00	36.45 -1.09 0.00	31.92 -1.35 0.00	30.84 -1.40 -1.01	29.11 -1.34 -1.97	31.71 -1.49 -2.09	33.64 -1.57 -2.15	33.23 -1.45 -2.13	37.43 -1.58 -2.30	42.96 -1.69 -2.52	40.20 -1.62 -2.41	39.69 -1.54 -2.39	40.75 -1.61 -2.43	42.90 -1.63 -2.51	46.02 -1.69 -2.63	45.02 -1.26 -0.66	51.31 -0.61 -0.23	51.05 0.09 0.00	58.28 -0.10 0.00	58.91 1.27 0.00	62.70 1.47 0.00	54.79 1.01 0.00	56.07 1.10 0.00	54.12 1.07 0.00
CORNELL_____ 23752	46.03 0.31 0.00	37.87 0.33 0.00	33.49 0.22 0.00	31.44 0.22 0.00	28.72 0.23 0.00	31.32 0.21 0.00	33.33 0.28 0.00	32.91 0.36 0.00	37.12 0.41 0.00	42.48 0.36 -15.82	55.48 0.25 0.00	39.20 0.37 0.00	40.42 0.49 0.00	42.63 0.60 0.00	45.73 0.66 0.00	46.34 0.72 0.00	52.69 1.00 0.00	52.08 1.11 0.00	59.64 1.27 0.00	58.77 1.14 0.00	62.24 1.01 0.00	54.55 0.77 0.00	55.71 0.74 0.00	53.62 0.58 0.00

CORONA_69_KV_TB1 355595	49.20 3.48 0.00	40.45 2.92 0.00	35.98 2.71 0.00	33.51 2.29 0.00	30.57 2.10 0.00	33.48 2.37 0.00	35.62 2.56 0.00	35.01 2.46 0.00	39.38 2.66 0.00	45.18 3.06 0.00	42.12 2.71 0.00	41.34 2.50 0.00	42.35 2.42 0.00	44.73 2.70 0.00	47.84 2.77 0.00	48.51 2.90 0.00	55.29 3.57 -0.04	54.57 3.60 0.00	62.02 3.64 0.00	61.28 3.65 0.00	64.65 3.42 0.00	56.97 3.19 0.00	58.02 3.05 0.00	55.39 2.35 0.00
CORTLAND_115KV_TB3 80093	45.67 -0.05 0.00	37.57 0.03 0.00	33.25 -0.03 0.00	31.20 -0.02 0.00	28.51 0.03 0.00	31.10 -0.02 0.00	33.08 0.02 0.00	32.64 0.09 0.00	36.79 0.08 0.00	42.18 0.05 0.00	43.64 -0.04 -4.27	38.92 0.09 0.00	40.09 0.16 0.00	42.27 0.24 0.00	45.32 0.24 0.00	45.89 0.28 0.00	52.17 0.48 0.00	51.52 0.55 0.00	58.99 0.62 0.00	58.15 0.51 0.00	61.57 0.34 0.00	53.99 0.21 0.00	55.17 0.19 0.00	53.09 0.05 0.00
COXSACKIE___GT 23611	49.54 3.82 0.00	40.67 3.13 0.00	36.11 2.84 0.00	33.87 2.65 0.00	30.93 2.45 0.00	33.80 2.70 0.00	35.97 2.91 0.00	35.58 3.03 0.00	40.11 3.39 0.00	45.93 3.80 0.00	42.70 3.28 0.00	41.85 3.01 0.00	43.43 3.49 0.00	45.84 3.81 0.00	49.17 4.09 0.00	49.72 4.10 0.00	56.48 4.79 0.00	55.80 4.83 0.00	63.69 5.32 0.00	62.47 4.83 0.00	66.07 4.84 0.00	57.80 4.02 0.00	58.90 3.92 0.00	56.69 3.65 0.00
CPV_VALLEY___CC1 323721	47.49 1.77 0.00	39.04 1.50 0.00	34.68 1.40 0.00	32.38 1.16 0.00	29.53 1.05 0.00	32.31 1.20 0.00	34.40 1.34 0.00	33.83 1.28 0.00	38.00 1.29 0.00	43.52 1.39 0.00	40.65 1.25 0.00	39.98 1.14 0.00	41.07 1.14 0.00	43.23 1.20 0.00	46.33 1.25 0.00	46.87 1.26 0.00	53.28 1.59 0.00	52.67 1.70 0.00	60.11 1.73 0.00	59.19 1.55 0.00	62.65 1.42 0.00	55.07 1.30 0.00	56.18 1.21 0.00	53.90 0.85 0.00
CPV_VALLEY___CC2 323722	47.49 1.77 0.00	39.04 1.50 0.00	34.68 1.40 0.00	32.38 1.16 0.00	29.53 1.05 0.00	32.31 1.20 0.00	34.40 1.34 0.00	33.83 1.28 0.00	38.00 1.29 0.00	43.52 1.39 0.00	40.65 1.25 0.00	39.98 1.14 0.00	41.07 1.14 0.00	43.23 1.20 0.00	46.33 1.25 0.00	46.87 1.26 0.00	53.28 1.59 0.00	52.67 1.70 0.00	60.11 1.73 0.00	59.19 1.55 0.00	62.65 1.42 0.00	55.07 1.30 0.00	56.18 1.21 0.00	53.90 0.85 0.00
CRESCENT___HYD 24018	48.11 2.38 0.00	39.41 1.87 0.00	35.00 1.73 0.00	32.80 1.58 0.00	29.91 1.43 0.00	32.71 1.60 0.00	34.81 1.75 0.00	34.30 1.75 0.00	38.61 1.89 0.00	44.30 2.18 0.00	41.45 2.04 0.00	40.86 2.03 0.00	42.00 2.07 0.00	44.14 2.11 0.00	47.27 2.20 0.00	47.72 2.10 0.00	54.11 2.42 0.00	53.44 2.48 0.00	61.06 2.68 0.00	60.10 2.47 0.00	63.68 2.45 0.00	55.98 2.20 0.00	57.09 2.12 0.00	54.88 1.84 0.00
CRICKET___VALLEY_CC1 323756	48.33 2.61 0.00	39.71 2.17 0.00	35.25 1.98 0.00	32.88 1.66 0.00	29.96 1.48 0.00	32.80 1.69 0.00	34.96 1.90 0.00	34.40 1.85 0.00	38.70 1.99 0.00	44.33 2.20 0.00	41.40 1.98 0.00	40.68 1.84 0.00	41.76 1.82 0.00	43.94 1.91 0.00	47.05 1.97 0.00	47.54 1.92 0.00	54.02 2.33 0.00	53.43 2.47 0.00	60.95 2.57 0.00	60.00 2.36 0.00	63.37 2.14 0.00	55.78 2.01 0.00	56.88 1.90 0.00	54.54 1.49 0.00
CRICKET___VALLEY_CC2 323757	48.33 2.61 0.00	39.71 2.17 0.00	35.25 1.98 0.00	32.88 1.66 0.00	29.96 1.48 0.00	32.80 1.69 0.00	34.96 1.90 0.00	34.40 1.85 0.00	38.70 1.99 0.00	44.33 2.20 0.00	41.40 1.98 0.00	40.68 1.84 0.00	41.76 1.82 0.00	43.94 1.91 0.00	47.05 1.97 0.00	47.54 1.92 0.00	54.02 2.33 0.00	53.43 2.47 0.00	60.95 2.57 0.00	60.00 2.36 0.00	63.37 2.14 0.00	55.78 2.01 0.00	56.88 1.90 0.00	54.54 1.49 0.00
CRICKET___VALLEY_CC3 323758	48.33 2.61 0.00	39.71 2.17 0.00	35.25 1.98 0.00	32.88 1.66 0.00	29.96 1.48 0.00	32.80 1.69 0.00	34.96 1.90 0.00	34.40 1.85 0.00	38.70 1.99 0.00	44.33 2.20 0.00	41.40 1.98 0.00	40.68 1.84 0.00	41.76 1.82 0.00	43.94 1.91 0.00	47.05 1.97 0.00	47.54 1.92 0.00	54.02 2.33 0.00	53.43 2.47 0.00	60.95 2.57 0.00	60.00 2.36 0.00	63.37 2.14 0.00	55.78 2.01 0.00	56.88 1.90 0.00	54.54 1.49 0.00
CRUCIBLE_METL_DRP 24180	44.94 -0.79 0.00	36.94 -0.60 0.00	32.69 -0.58 0.00	30.75 -0.48 0.00	28.13 -0.35 0.00	30.64 -0.46 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.15 -0.56 0.00	41.47 -0.66 0.00	38.79 -0.62 0.00	38.27 -0.57 0.00	39.43 -0.51 0.00	41.51 -0.52 0.00	44.55 -0.52 0.00	45.13 -0.48 0.00	51.26 -0.43 0.00	50.63 -0.34 0.00	57.93 -0.45 0.00	57.08 -0.56 0.00	60.47 -0.76 0.00	53.02 -0.76 0.00	54.18 -0.79 0.00	52.17 -0.88 0.00
DAHOWA___HYDRO 323763	48.90 3.17 0.00	40.04 2.50 0.00	35.52 2.25 0.00	33.22 2.00 0.00	30.26 1.78 0.00	33.11 2.00 0.00	35.39 2.33 0.00	34.94 2.39 0.00	39.37 2.65 0.00	45.16 3.03 0.00	42.18 2.76 0.00	41.70 2.86 0.00	42.88 2.95 0.00	45.07 3.05 0.00	48.21 3.14 0.00	48.74 3.13 0.00	55.36 3.67 0.00	54.67 3.70 0.00	62.40 4.02 0.00	61.36 3.73 0.00	64.95 3.72 0.00	57.03 3.26 0.00	58.10 3.13 0.00	55.75 2.71 0.00
DANC___LFGE 323619	44.34 -1.38 0.00	36.46 -1.08 0.00	32.07 -1.20 0.00	30.73 -1.19 -0.70	28.75 -1.09 -1.36	31.30 -1.24 -1.43	33.19 -1.35 -1.48	32.77 -1.24 -1.46	36.92 -1.37 -1.58	42.39 -1.47 -1.73	39.66 -1.40 -1.66	39.14 -1.34 -1.64	40.23 -1.38 -1.67	42.35 -1.40 -1.73	45.43 -1.46 -1.81	44.89 -1.19 -0.46	51.01 -0.84 -0.16	50.57 -0.40 0.00	57.78 -0.59 0.00	57.87 0.23 0.00	61.52 0.29 0.00	53.85 0.08 0.00	55.07 0.09 0.00	53.10 0.05 0.00
DANSKAMMER___1 23586	48.94 3.21 0.00	40.20 2.67 0.00	35.68 2.41 0.00	33.30 2.08 0.00	30.36 1.88 0.00	33.23 2.12 0.00	35.41 2.35 0.00	34.85 2.30 0.00	39.17 2.46 0.00	44.82 2.70 0.00	41.83 2.42 0.00	41.10 2.26 0.00	42.25 2.31 0.00	44.50 2.48 0.00	47.72 2.64 0.00	48.29 2.67 0.00	54.95 3.27 0.00	54.38 3.41 0.00	62.01 3.63 0.00	61.04 3.40 0.00	64.50 3.26 0.00	56.67 2.89 0.00	57.73 2.76 0.00	55.31 2.27 0.00
DANSKAMMER___2 23589	48.94 3.21 0.00	40.20 2.67 0.00	35.68 2.41 0.00	33.30 2.08 0.00	30.36 1.88 0.00	33.23 2.12 0.00	35.41 2.35 0.00	34.85 2.30 0.00	39.17 2.46 0.00	44.82 2.70 0.00	41.83 2.42 0.00	41.10 2.26 0.00	42.25 2.31 0.00	44.50 2.48 0.00	47.72 2.64 0.00	48.29 2.67 0.00	54.95 3.27 0.00	54.38 3.41 0.00	62.01 3.63 0.00	61.04 3.40 0.00	64.50 3.26 0.00	56.67 2.89 0.00	57.73 2.76 0.00	55.31 2.27 0.00
DANSKAMMER___3 23590	48.94 3.21 0.00	40.20 2.67 0.00	35.68 2.41 0.00	33.30 2.08 0.00	30.36 1.88 0.00	33.23 2.12 0.00	35.41 2.35 0.00	34.85 2.30 0.00	39.17 2.46 0.00	44.82 2.70 0.00	41.83 2.42 0.00	41.10 2.26 0.00	42.25 2.31 0.00	44.50 2.48 0.00	47.72 2.64 0.00	48.29 2.67 0.00	54.95 3.27 0.00	54.38 3.41 0.00	62.01 3.63 0.00	61.04 3.40 0.00	64.50 3.26 0.00	56.67 2.89 0.00	57.73 2.76 0.00	55.31 2.27 0.00

DANSKAMMER___4 23591	48.94 3.21 0.00	40.20 2.67 0.00	35.68 2.41 0.00	33.30 2.08 0.00	30.36 1.88 0.00	33.23 2.12 0.00	35.41 2.35 0.00	34.85 2.30 0.00	39.17 2.46 0.00	44.82 2.70 0.00	41.83 2.42 0.00	41.10 2.26 0.00	42.25 2.31 0.00	44.50 2.48 0.00	47.72 2.64 0.00	48.29 2.67 0.00	54.95 3.27 0.00	54.38 3.41 0.00	62.01 3.63 0.00	61.04 3.40 0.00	64.50 3.26 0.00	56.67 2.89 0.00	57.73 2.76 0.00	55.31 2.27 0.00
DANSKAMMER___DIESEL 23592	48.94 3.21 0.00	40.20 2.66 0.00	35.68 2.41 0.00	33.30 2.08 0.00	30.36 1.87 0.00	33.23 2.12 0.00	35.41 2.35 0.00	34.85 2.30 0.00	39.17 2.46 0.00	44.83 2.70 0.00	41.83 2.42 0.00	41.10 2.26 0.00	42.25 2.31 0.00	44.50 2.48 0.00	47.72 2.64 0.00	48.29 2.68 0.00	54.95 3.26 0.00	54.38 3.41 0.00	62.01 3.63 0.00	61.04 3.40 0.00	64.50 3.27 0.00	56.67 2.89 0.00	57.74 2.77 0.00	55.31 2.27 0.00
DARBY___SOLAR 323810	48.70 2.98 0.00	39.90 2.36 0.00	35.40 2.13 0.00	33.11 1.89 0.00	30.16 1.68 0.00	33.00 1.89 0.00	35.25 2.19 0.00	34.79 2.24 0.00	39.20 2.48 0.00	44.96 2.83 0.00	41.99 2.58 0.00	41.50 2.67 0.00	42.68 2.74 0.00	44.86 2.84 0.00	48.01 2.93 0.00	48.52 2.91 0.00	55.10 3.41 0.00	54.42 3.46 0.00	62.12 3.74 0.00	61.10 3.46 0.00	64.68 3.44 0.00	56.81 3.04 0.00	57.89 2.92 0.00	55.57 2.52 0.00
DASHVILLE___HYD 23610	49.44 3.72 0.00	40.60 3.07 0.00	36.02 2.75 0.00	33.60 2.38 0.00	30.63 2.15 0.00	33.55 2.45 0.00	35.77 2.71 0.00	35.23 2.68 0.00	39.61 2.89 0.00	45.28 3.15 0.00	42.10 2.69 0.00	41.31 2.48 0.00	42.48 2.55 0.00	44.85 2.83 0.00	48.14 3.07 0.00	48.83 3.22 0.00	55.65 3.97 0.00	55.11 4.14 0.00	62.82 4.44 0.00	61.80 4.16 0.00	65.24 4.01 0.00	57.27 3.49 0.00	58.28 3.30 0.00	55.73 2.69 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	49.96 4.24 0.00	40.74 3.20 0.00	36.16 2.89 0.00	33.65 2.43 0.00	30.69 2.21 0.00	33.61 2.50 0.00	35.80 2.74 0.00	35.22 2.67 0.00	39.66 2.95 0.00	45.54 3.41 0.00	42.36 2.95 0.00	41.34 2.51 0.00	42.22 2.29 0.00	44.72 2.69 0.00	47.78 2.70 0.00	48.61 3.00 0.00	55.90 4.18 -0.04	55.57 4.59 0.00	62.61 4.23 0.00	62.01 4.38 0.00	65.57 4.34 0.00	57.24 3.46 0.00	58.96 3.99 0.00	56.58 3.54 0.00
DELAWARE___LFGE 323621	46.93 1.20 0.00	38.56 1.02 0.00	34.17 0.90 0.00	32.01 0.78 0.00	29.19 0.71 0.00	31.90 0.79 0.00	33.94 0.88 0.00	33.48 0.93 0.00	37.74 1.02 0.00	43.25 1.12 0.00	41.02 0.98 -0.63	39.78 0.94 0.00	40.88 0.94 0.00	43.05 1.02 0.00	46.15 1.07 0.00	46.71 1.09 0.00	53.09 1.41 0.00	52.46 1.49 0.00	59.96 1.59 0.00	59.16 1.52 0.00	62.71 1.48 0.00	55.05 1.28 0.00	56.24 1.27 0.00	54.08 1.04 0.00
DERFIELD_115KV_TB7 355931	45.90 0.17 0.00	37.68 0.15 0.00	33.40 0.13 0.00	31.34 0.12 0.00	28.59 0.11 0.00	31.23 0.12 0.00	33.19 0.13 0.00	32.69 0.14 0.00	36.85 0.13 0.00	42.26 0.13 0.00	39.53 0.12 0.00	38.96 0.13 0.00	40.07 0.13 0.00	42.19 0.16 0.00	45.26 0.18 0.00	45.77 0.15 0.00	51.87 0.19 0.00	51.18 0.21 0.00	58.59 0.22 0.00	57.81 0.17 0.00	61.35 0.11 0.00	53.89 0.11 0.00	55.08 0.10 0.00	53.05 0.00 0.00
DOGLEVILLE___HYD 23807	47.10 1.37 0.00	38.60 1.07 0.00	34.31 1.04 0.00	32.13 0.91 0.00	29.27 0.79 0.00	32.00 0.89 0.00	34.01 0.95 0.00	33.60 1.05 0.00	37.85 1.13 0.00	43.29 1.16 0.00	40.32 0.91 0.00	39.72 0.88 0.00	40.78 0.84 0.00	42.92 0.90 0.00	45.99 0.91 0.00	46.35 0.74 0.00	52.64 0.95 0.00	51.93 0.96 0.00	59.47 1.09 0.00	58.57 0.93 0.00	61.88 0.64 0.00	54.51 0.73 0.00	55.61 0.63 0.00	53.37 0.33 0.00
DUNKIRK___115KV_TB_200 55889	42.34 -3.38 0.00	35.02 -2.52 0.00	30.93 -2.34 0.00	29.28 -1.94 0.00	26.70 -1.78 0.00	29.25 -1.86 0.00	31.01 -2.05 0.00	30.07 -2.48 0.00	34.07 -2.65 0.00	38.93 -3.20 0.00	32.52 -3.01 3.88	35.78 -3.06 0.00	37.16 -2.78 0.00	39.61 -2.41 0.00	42.67 -2.41 0.00	43.85 -1.77 0.00	49.68 -2.00 0.00	49.22 -1.75 0.00	56.51 -1.86 0.00	55.71 -1.93 0.00	58.87 -2.37 0.00	51.56 -2.21 0.00	53.23 -1.74 0.00	51.42 -1.62 0.00
DUNKIRK___1 23563	42.34 -3.38 0.00	35.02 -2.52 0.00	30.93 -2.34 0.00	29.28 -1.94 0.00	26.70 -1.78 0.00	29.25 -1.86 0.00	31.01 -2.05 0.00	30.07 -2.48 0.00	34.07 -2.65 0.00	38.93 -3.20 0.00	32.52 -3.01 3.88	35.78 -3.06 0.00	37.16 -2.78 0.00	39.61 -2.41 0.00	42.67 -2.41 0.00	43.85 -1.77 0.00	49.68 -2.00 0.00	49.22 -1.75 0.00	56.51 -1.86 0.00	55.71 -1.93 0.00	58.87 -2.37 0.00	51.56 -2.21 0.00	53.23 -1.74 0.00	51.42 -1.62 0.00
DUNKIRK___2 23564	42.34 -3.38 0.00	35.02 -2.52 0.00	30.93 -2.34 0.00	29.28 -1.94 0.00	26.70 -1.78 0.00	29.25 -1.86 0.00	31.01 -2.05 0.00	30.07 -2.48 0.00	34.07 -2.65 0.00	38.93 -3.20 0.00	32.52 -3.01 3.88	35.78 -3.06 0.00	37.16 -2.78 0.00	39.61 -2.41 0.00	42.67 -2.41 0.00	43.85 -1.77 0.00	49.68 -2.00 0.00	49.22 -1.75 0.00	56.51 -1.86 0.00	55.71 -1.93 0.00	58.87 -2.37 0.00	51.56 -2.21 0.00	53.23 -1.74 0.00	51.42 -1.62 0.00
DUNKIRK___3 23565	42.31 -3.41 0.00	35.00 -2.53 0.00	30.92 -2.35 0.00	29.28 -1.94 0.00	26.68 -1.80 0.00	29.11 -2.00 0.00	30.87 -2.19 0.00	29.94 -2.61 0.00	33.92 -2.80 0.00	38.83 -3.30 0.00	32.68 -2.98 3.75	35.82 -3.02 0.00	37.12 -2.82 0.00	39.41 -2.61 0.00	42.45 -2.63 0.00	43.44 -2.17 0.00	49.30 -2.38 0.00	48.95 -2.02 0.00	56.17 -2.21 0.00	55.33 -2.30 0.00	58.46 -2.77 0.00	51.24 -2.54 0.00	52.96 -2.01 0.00	51.20 -1.84 0.00
DUNKIRK___4 23566	42.31 -3.41 0.00	35.00 -2.53 0.00	30.92 -2.35 0.00	29.28 -1.94 0.00	26.68 -1.80 0.00	29.11 -2.00 0.00	30.87 -2.19 0.00	29.94 -2.61 0.00	33.92 -2.80 0.00	38.83 -3.30 0.00	32.68 -2.98 3.75	35.82 -3.02 0.00	37.12 -2.82 0.00	39.41 -2.61 0.00	42.45 -2.63 0.00	43.44 -2.17 0.00	49.30 -2.38 0.00	48.95 -2.02 0.00	56.17 -2.21 0.00	55.33 -2.30 0.00	58.46 -2.77 0.00	51.24 -2.54 0.00	52.96 -2.01 0.00	51.20 -1.84 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.59 2.87 0.00	39.94 2.40 0.00	35.48 2.21 0.00	33.11 1.89 0.00	30.19 1.71 0.00	33.04 1.94 0.00	35.17 2.11 0.00	34.61 2.06 0.00	38.88 2.17 0.00	44.52 2.39 0.00	41.59 2.18 0.00	40.89 2.05 0.00	41.98 2.05 0.00	44.17 2.14 0.00	47.27 2.19 0.00	47.79 2.18 0.00	54.31 2.62 0.00	53.71 2.75 0.00	61.24 2.86 0.00	60.30 2.67 0.00	63.74 2.50 0.00	56.10 2.32 0.00	57.20 2.22 0.00	54.79 1.75 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.46 2.73 0.00	39.82 2.28 0.00	35.35 2.08 0.00	32.99 1.77 0.00	30.08 1.60 0.00	32.93 1.82 0.00	35.07 2.01 0.00	34.52 1.96 0.00	38.77 2.06 0.00	44.35 2.23 0.00	41.39 1.98 0.00	40.67 1.83 0.00	41.80 1.87 0.00	44.04 2.01 0.00	47.23 2.16 0.00	47.81 2.20 0.00	54.39 2.71 0.00	53.81 2.84 0.00	61.38 3.00 0.00	60.42 2.79 0.00	63.88 2.65 0.00	56.14 2.37 0.00	57.21 2.24 0.00	54.83 1.79 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	48.56 2.83 0.00	39.99 2.46 0.00	35.53 2.25 0.00	33.16 1.94 0.00	30.20 1.72 0.00	33.05 1.94 0.00	35.19 2.14 0.00	34.64 2.09 0.00	38.94 2.22 0.00	44.57 2.44 0.00	41.69 2.28 0.00	40.97 2.13 0.00	42.04 2.11 0.00	44.22 2.19 0.00	47.30 2.22 0.00	47.86 2.24 0.00	54.30 2.62 0.00	53.78 2.81 0.00	61.27 2.90 0.00	60.35 2.72 0.00	63.68 2.45 0.00	56.12 2.35 0.00	57.18 2.21 0.00	54.81 1.77 0.00
E179THST_13_KV_LOAD 356214	48.76 3.03 0.00	40.15 2.61 0.00	35.66 2.39 0.00	33.28 2.06 0.00	30.31 1.83 0.00	33.17 2.06 0.00	35.32 2.27 0.00	34.77 2.22 0.00	39.10 2.38 0.00	44.75 2.62 0.00	41.87 2.46 0.00	41.15 2.31 0.00	42.22 2.28 0.00	44.41 2.39 0.00	47.50 2.43 0.00	48.08 2.47 0.00	54.57 2.88 0.00	54.04 3.07 0.00	61.57 3.19 0.00	60.64 3.00 0.00	63.98 2.74 0.00	56.38 2.61 0.00	57.45 2.48 0.00	55.04 2.00 0.00
EAST HAMPTON___GT 23717	49.68 3.96 0.00	40.23 2.69 0.00	35.62 2.34 0.00	33.12 1.90 0.00	30.20 1.72 0.00	33.07 1.96 0.00	35.26 2.20 0.00	34.69 2.14 0.00	39.07 2.36 0.00	44.86 2.74 0.00	41.71 2.30 0.00	40.65 1.81 0.00	41.51 1.57 0.00	43.93 1.90 0.00	46.92 1.85 0.00	47.78 2.16 0.00	55.19 3.47 -0.04	55.17 4.20 0.00	61.80 3.42 0.00	61.30 3.66 0.00	65.01 3.78 0.00	56.37 2.60 0.00	58.70 3.73 0.00	56.80 3.76 0.00
EAST RIVER___6 23660	48.63 2.90 0.00	39.97 2.44 0.00	35.51 2.24 0.00	33.13 1.91 0.00	30.22 1.74 0.00	33.09 1.98 0.00	35.25 2.18 0.00	34.68 2.13 0.00	38.98 2.26 0.00	44.61 2.48 0.00	41.70 2.29 0.00	40.99 2.16 0.00	42.10 2.17 0.00	44.26 2.24 0.00	47.34 2.26 0.00	47.81 2.20 0.00	54.29 2.60 0.00	53.72 2.75 0.00	61.17 2.79 0.00	60.21 2.58 0.00	63.57 2.33 0.00	56.04 2.27 0.00	57.09 2.12 0.00	54.70 1.66 0.00
EAST RIVER___7 23524	48.63 2.90 0.00	39.97 2.44 0.00	35.51 2.24 0.00	33.13 1.91 0.00	30.22 1.74 0.00	33.09 1.98 0.00	35.25 2.18 0.00	34.68 2.13 0.00	38.98 2.26 0.00	44.61 2.48 0.00	41.70 2.29 0.00	40.99 2.16 0.00	42.10 2.17 0.00	44.26 2.24 0.00	47.34 2.26 0.00	47.81 2.20 0.00	54.29 2.60 0.00	53.72 2.75 0.00	61.17 2.79 0.00	60.21 2.58 0.00	63.57 2.33 0.00	56.04 2.27 0.00	57.09 2.12 0.00	54.70 1.66 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.48 2.75 0.00	39.84 2.31 0.00	35.39 2.11 0.00	33.02 1.80 0.00	30.10 1.62 0.00	32.95 1.84 0.00	35.08 2.03 0.00	34.52 1.97 0.00	38.79 2.08 0.00	44.42 2.29 0.00	41.49 2.08 0.00	40.78 1.94 0.00	41.88 1.94 0.00	44.07 2.04 0.00	47.18 2.10 0.00	47.70 2.09 0.00	54.20 2.52 0.00	53.61 2.64 0.00	61.13 2.75 0.00	60.19 2.56 0.00	63.63 2.40 0.00	55.99 2.22 0.00	57.09 2.12 0.00	54.69 1.65 0.00
EAST_HAMPTON___DIESEL 23722	49.59 3.86 0.00	40.11 2.58 0.00	35.50 2.23 0.00	33.02 1.80 0.00	30.11 1.63 0.00	32.98 1.87 0.00	35.16 2.10 0.00	34.58 2.03 0.00	38.95 2.24 0.00	44.73 2.60 0.00	41.59 2.18 0.00	40.53 1.69 0.00	41.39 1.45 0.00	43.78 1.76 0.00	46.75 1.68 0.00	47.62 2.01 0.00	55.04 3.31 -0.04	55.06 4.09 0.00	61.62 3.24 0.00	61.13 3.49 0.00	64.87 3.64 0.00	56.20 2.42 0.00	58.59 3.62 0.00	56.77 3.72 0.00
EAST_POINT___SOLAR 323840	48.59 2.86 0.00	39.81 2.28 0.00	35.21 1.94 0.00	32.98 1.76 0.00	30.08 1.59 0.00	32.88 1.77 0.00	35.01 1.95 0.00	34.57 2.02 0.00	39.04 2.32 0.00	44.59 2.46 0.00	41.32 1.91 0.00	40.82 1.98 0.00	42.07 2.14 0.00	44.40 2.37 0.00	47.96 2.89 0.00	48.68 3.07 0.00	55.54 3.85 0.00	54.94 3.97 0.00	62.86 4.48 0.00	61.88 4.25 0.00	65.67 4.43 0.00	57.51 3.74 0.00	58.69 3.72 0.00	56.52 3.48 0.00
EAST_PULASKI___ESR 323781	44.40 -1.32 0.00	36.49 -1.05 0.00	32.23 -1.04 0.00	30.26 -0.96 0.00	27.66 -0.82 0.00	30.14 -0.97 0.00	31.98 -1.09 0.00	31.54 -1.01 0.00	35.57 -1.14 0.00	40.91 -1.22 0.00	38.24 -1.17 0.00	37.73 -1.11 0.00	38.82 -1.12 0.00	40.89 -1.14 0.00	43.87 -1.21 0.00	44.53 -1.09 0.00	50.70 -0.99 0.00	50.18 -0.79 0.00	57.39 -0.98 0.00	56.93 -0.71 0.00	60.42 -0.81 0.00	52.96 -0.81 0.00	54.12 -0.85 0.00	52.15 -0.89 0.00
EAST_RIVER___1 323558	48.64 2.91 0.00	39.98 2.45 0.00	35.52 2.25 0.00	33.15 1.93 0.00	30.24 1.76 0.00	33.10 2.00 0.00	35.25 2.19 0.00	34.68 2.13 0.00	38.98 2.27 0.00	44.61 2.48 0.00	41.69 2.28 0.00	40.99 2.15 0.00	42.08 2.15 0.00	44.24 2.22 0.00	47.31 2.23 0.00	47.80 2.18 0.00	54.26 2.57 0.00	53.68 2.71 0.00	61.15 2.78 0.00	60.22 2.58 0.00	63.59 2.36 0.00	56.04 2.26 0.00	57.11 2.14 0.00	54.72 1.67 0.00
EAST_RIVER___2 323559	48.63 2.90 0.00	39.97 2.44 0.00	35.51 2.24 0.00	33.13 1.91 0.00	30.22 1.74 0.00	33.09 1.98 0.00	35.25 2.18 0.00	34.68 2.13 0.00	38.98 2.26 0.00	44.61 2.48 0.00	41.70 2.29 0.00	40.99 2.16 0.00	42.10 2.17 0.00	44.26 2.24 0.00	47.34 2.26 0.00	47.81 2.20 0.00	54.29 2.60 0.00	53.72 2.75 0.00	61.17 2.79 0.00	60.21 2.58 0.00	63.57 2.33 0.00	56.04 2.27 0.00	57.09 2.12 0.00	54.70 1.66 0.00
EAST___DELAWARE_HYD 23607	49.27 3.55 0.00	40.46 2.92 0.00	35.89 2.61 0.00	33.51 2.29 0.00	30.55 2.07 0.00	33.45 2.34 0.00	35.65 2.59 0.00	35.12 2.57 0.00	39.47 2.76 0.00	45.08 2.95 0.00	41.95 2.54 0.00	41.20 2.36 0.00	42.35 2.42 0.00	44.80 2.77 0.00	48.09 3.01 0.00	48.74 3.12 0.00	55.53 3.84 0.00	54.95 3.98 0.00	62.66 4.28 0.00	61.68 4.05 0.00	65.20 3.96 0.00	57.21 3.43 0.00	58.26 3.28 0.00	55.79 2.75 0.00
EIGHT_POINT___WT_PWR 323820	41.43 -4.30 0.00	34.20 -3.34 0.00	30.19 -3.08 0.00	28.45 -2.77 0.00	25.96 -2.52 0.00	28.26 -2.85 0.00	30.03 -3.03 0.00	29.58 -2.97 0.00	33.42 -3.30 0.00	38.19 -3.94 0.00	26.72 -3.84 8.85	35.07 -3.77 0.00	36.42 -3.52 0.00	38.87 -3.16 0.00	42.04 -3.03 0.00	43.16 -2.46 0.00	49.17 -2.52 0.00	49.04 -1.93 0.00	56.69 -1.69 0.00	56.50 -1.14 0.00	60.49 -0.74 0.00	53.17 -0.61 0.00	54.59 -0.38 0.00	52.72 -0.32 0.00
ELBRIDGE_115KV_TB2 80188	44.73 -0.99 0.00	36.79 -0.75 0.00	32.53 -0.74 0.00	30.61 -0.61 0.00	28.00 -0.48 0.00	30.50 -0.61 0.00	32.37 -0.69 0.00	31.90 -0.65 0.00	35.98 -0.73 0.00	41.22 -0.90 0.00	38.58 -0.83 0.00	38.05 -0.79 0.00	39.22 -0.72 0.00	41.29 -0.73 0.00	44.31 -0.77 0.00	44.90 -0.71 0.00	50.98 -0.71 0.00	50.37 -0.60 0.00	57.62 -0.76 0.00	56.76 -0.87 0.00	60.15 -1.08 0.00	52.74 -1.03 0.00	53.91 -1.07 0.00	51.88 -1.17 0.00
ELEC_TRO_TEK 24086	48.97 3.25 0.00	40.25 2.72 0.00	35.80 2.53 0.00	33.36 2.14 0.00	30.44 1.95 0.00	33.33 2.22 0.00	35.46 2.40 0.00	34.86 2.31 0.00	39.21 2.50 0.00	44.98 2.86 0.00	41.94 2.53 0.00	41.16 2.32 0.00	42.17 2.23 0.00	44.53 2.51 0.00	47.63 2.55 0.00	48.27 2.65 0.00	54.98 3.25 -0.04	54.26 3.29 0.00	61.66 3.28 0.00	60.96 3.32 0.00	64.30 3.06 0.00	56.66 2.88 0.00	57.75 2.78 0.00	55.11 2.07 0.00

ELLENBURG_WT_PWR 323604	45.32 -0.41 0.00	37.12 -0.41 0.00	32.63 -0.64 0.00	5.27 -0.94 25.01	-21.15 -1.08 48.55	-21.43 -1.16 51.38	-21.17 -1.21 53.02	-21.15 -1.16 52.54	-21.23 -1.21 56.74	-21.27 -1.32 62.08	-21.18 -1.17 59.42	-21.17 -1.15 58.86	-21.21 -1.24 59.90	-21.18 -1.32 61.88	-21.13 -1.40 64.80	28.05 -1.19 16.37	44.45 -1.50 5.74	50.02 -0.94 0.00	57.85 -0.53 0.00	57.99 0.35 0.00	62.34 1.11 0.00	54.89 1.12 0.00	56.31 1.34 0.00	54.80 1.76 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	42.07 -3.65 0.00	34.82 -2.72 0.00	30.78 -2.50 0.00	29.15 -2.07 0.00	26.56 -1.92 0.00	28.95 -2.16 0.00	30.71 -2.35 0.00	29.77 -2.78 0.00	33.72 -3.00 0.00	38.65 -3.48 0.00	32.78 -3.06 3.56	35.74 -3.10 0.00	36.92 -3.01 0.00	39.04 -2.98 0.00	42.02 -3.05 0.00	42.81 -2.81 0.00	48.49 -3.20 0.00	48.08 -2.89 0.00	55.02 -3.36 0.00	54.09 -3.55 0.00	57.12 -4.11 0.00	50.14 -3.64 0.00	51.93 -3.04 0.00	50.34 -2.71 0.00
EMPIRE_CC_1 323656	47.56 1.83 0.00	38.76 1.23 0.00	34.50 1.23 0.00	32.34 1.12 0.00	29.52 1.03 0.00	32.26 1.16 0.00	34.31 1.25 0.00	33.80 1.25 0.00	37.99 1.28 0.00	43.68 1.55 0.00	40.90 1.49 0.00	40.32 1.49 0.00	41.37 1.44 0.00	43.40 1.37 0.00	46.48 1.41 0.00	46.87 1.25 0.00	53.07 1.39 0.00	52.40 1.43 0.00	59.80 1.42 0.00	58.90 1.26 0.00	62.54 1.31 0.00	55.00 1.23 0.00	56.13 1.16 0.00	53.92 0.88 0.00
EMPIRE_CC_2 323658	47.56 1.83 0.00	38.76 1.23 0.00	34.50 1.23 0.00	32.34 1.12 0.00	29.52 1.03 0.00	32.26 1.16 0.00	34.31 1.25 0.00	33.80 1.25 0.00	37.99 1.28 0.00	43.68 1.55 0.00	40.90 1.49 0.00	40.32 1.49 0.00	41.37 1.44 0.00	43.40 1.37 0.00	46.48 1.41 0.00	46.87 1.25 0.00	53.07 1.39 0.00	52.40 1.43 0.00	59.80 1.42 0.00	58.90 1.26 0.00	62.54 1.31 0.00	55.00 1.23 0.00	56.13 1.16 0.00	53.92 0.88 0.00
ENORWICH_115KV_TB1 80156	47.61 1.88 0.00	39.15 1.61 0.00	34.66 1.39 0.00	32.50 1.28 0.00	29.61 1.13 0.00	32.36 1.25 0.00	34.64 1.58 0.00	34.50 1.94 0.00	39.10 2.38 0.00	44.61 2.48 0.00	47.12 2.13 -5.58	40.91 2.07 0.00	42.19 2.25 0.00	44.61 2.58 0.00	47.75 2.68 0.00	48.33 2.71 0.00	55.01 3.32 0.00	54.63 3.66 0.00	62.44 4.06 0.00	62.05 4.42 0.00	65.80 4.57 0.00	57.67 3.89 0.00	58.96 3.99 0.00	56.74 3.70 0.00
ERIE_ST_34_KV_TB1-2 80199	43.58 -2.15 0.00	36.04 -1.49 0.00	31.84 -1.43 0.00	30.14 -1.08 0.00	27.45 -1.03 0.00	29.90 -1.21 0.00	31.67 -1.39 0.00	30.77 -1.78 0.00	34.84 -1.87 0.00	40.01 -2.12 0.00	33.98 -1.75 3.68	37.05 -1.78 0.00	38.27 -1.66 0.00	40.42 -1.61 0.00	43.48 -1.60 0.00	44.28 -1.33 0.00	50.15 -1.53 0.00	49.66 -1.31 0.00	56.83 -1.55 0.00	55.87 -1.76 0.00	59.00 -2.23 0.00	51.80 -1.98 0.00	53.65 -1.32 0.00	51.96 -1.08 0.00
ERIE_WT_PWR 323693	42.43 -3.30 0.00	35.13 -2.41 0.00	31.03 -2.24 0.00	29.35 -1.87 0.00	26.77 -1.71 0.00	29.15 -1.96 0.00	30.85 -2.21 0.00	30.01 -2.54 0.00	34.00 -2.71 0.00	38.97 -3.17 0.00	32.96 -2.78 3.67	36.05 -2.79 0.00	37.25 -2.68 0.00	39.42 -2.61 0.00	42.42 -2.66 0.00	43.26 -2.36 0.00	48.98 -2.71 0.00	48.60 -2.37 0.00	55.72 -2.66 0.00	54.75 -2.88 0.00	57.85 -3.38 0.00	50.79 -2.98 0.00	52.54 -2.43 0.00	50.92 -2.12 0.00
ESPRGFLD_115KV_TB1 80157	47.06 1.33 0.00	38.64 1.10 0.00	34.16 0.89 0.00	32.00 0.78 0.00	29.18 0.70 0.00	31.88 0.77 0.00	33.92 0.86 0.00	33.46 0.91 0.00	37.83 1.11 0.00	43.39 1.26 0.00	40.54 1.13 0.00	39.84 1.01 0.00	40.96 1.02 0.00	43.18 1.16 0.00	46.45 1.37 0.00	47.19 1.58 0.00	53.68 2.00 0.00	53.08 2.11 0.00	60.78 2.40 0.00	60.02 2.38 0.00	63.84 2.61 0.00	55.98 2.21 0.00	57.28 2.31 0.00	55.18 2.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.96 0.23 0.00	37.81 0.28 0.00	33.44 0.16 0.00	31.40 0.17 0.00	28.68 0.19 0.00	31.27 0.16 0.00	33.28 0.22 0.00	32.85 0.30 0.00	37.07 0.35 0.00	42.42 0.29 0.00	52.28 0.18 -12.68	39.14 0.30 0.00	40.36 0.42 0.00	42.54 0.52 0.00	45.64 0.57 0.00	46.25 0.63 0.00	52.58 0.90 0.00	51.96 1.00 0.00	59.52 1.14 0.00	58.65 1.01 0.00	62.10 0.87 0.00	54.43 0.66 0.00	55.61 0.64 0.00	53.51 0.47 0.00
ETNA____115KV_TB2 80207	45.96 0.23 0.00	37.81 0.28 0.00	33.44 0.16 0.00	31.40 0.17 0.00	28.68 0.19 0.00	31.27 0.16 0.00	33.28 0.22 0.00	32.85 0.30 0.00	37.07 0.35 0.00	42.42 0.29 0.00	52.28 0.18 -12.68	39.14 0.30 0.00	40.36 0.42 0.00	42.54 0.52 0.00	45.64 0.57 0.00	46.25 0.63 0.00	52.58 0.90 0.00	51.96 1.00 0.00	59.52 1.14 0.00	58.65 1.01 0.00	62.10 0.87 0.00	54.43 0.66 0.00	55.61 0.64 0.00	53.51 0.47 0.00
EUCLID____115KV_TB2 356179	44.37 -1.35 0.00	36.47 -1.07 0.00	32.30 -0.97 0.00	30.37 -0.85 0.00	27.79 -0.70 0.00	30.27 -0.84 0.00	32.13 -0.93 0.00	31.65 -0.90 0.00	35.68 -1.04 0.00	40.93 -1.19 0.00	38.30 -1.11 0.00	37.78 -1.06 0.00	38.89 -1.05 0.00	40.96 -1.07 0.00	43.93 -1.14 0.00	44.50 -1.11 0.00	50.51 -1.17 0.00	49.89 -1.08 0.00	57.08 -1.29 0.00	56.27 -1.37 0.00	59.62 -1.61 0.00	52.29 -1.48 0.00	53.46 -1.51 0.00	51.50 -1.54 0.00
E_CANADA_CAP_HY 24051	47.60 1.88 0.00	39.04 1.51 0.00	34.52 1.25 0.00	32.34 1.12 0.00	29.49 1.01 0.00	32.22 1.11 0.00	34.25 1.19 0.00	33.75 1.20 0.00	38.15 1.44 0.00	43.76 1.63 0.00	40.89 1.48 0.00	40.18 1.35 0.00	41.32 1.38 0.00	43.53 1.50 0.00	46.89 1.81 0.00	47.63 2.01 0.00	54.18 2.49 0.00	53.52 2.55 0.00	61.29 2.91 0.00	60.47 2.84 0.00	64.35 3.12 0.00	56.46 2.69 0.00	57.77 2.80 0.00	55.81 2.77 0.00
E_CANADA_MHWK_HY 24050	47.10 1.37 0.00	38.60 1.07 0.00	34.31 1.04 0.00	32.13 0.91 0.00	29.27 0.79 0.00	32.00 0.89 0.00	34.01 0.95 0.00	33.60 1.05 0.00	37.85 1.13 0.00	43.29 1.16 0.00	40.32 0.91 0.00	39.72 0.88 0.00	40.78 0.84 0.00	42.92 0.90 0.00	45.99 0.91 0.00	46.35 0.74 0.00	52.64 0.95 0.00	51.93 0.96 0.00	59.47 1.09 0.00	58.57 0.93 0.00	61.88 0.64 0.00	54.51 0.73 0.00	55.61 0.63 0.00	53.37 0.33 0.00
E_FISHKILL____LBMP 23776	48.30 2.57 0.00	39.68 2.15 0.00	35.24 1.97 0.00	32.89 1.67 0.00	29.98 1.51 0.00	32.82 1.71 0.00	34.95 1.89 0.00	34.39 1.84 0.00	38.65 1.94 0.00	44.27 2.14 0.00	41.35 1.94 0.00	40.65 1.81 0.00	41.74 1.81 0.00	43.92 1.90 0.00	47.04 1.97 0.00	47.55 1.94 0.00	54.02 2.34 0.00	53.44 2.47 0.00	60.95 2.57 0.00	60.01 2.37 0.00	63.45 2.21 0.00	55.83 2.05 0.00	56.93 1.95 0.00	54.58 1.53 0.00
FALCON____SEABRD_CC1 323796	45.70 -0.03 0.00	37.44 -0.10 0.00	32.94 -0.33 0.00	5.28 -0.70 25.24	-21.37 -0.84 49.01	-21.63 -0.88 51.86	-21.36 -0.90 53.52	-21.34 -0.87 53.03	-21.41 -0.85 57.27	-21.47 -0.94 62.66	-21.40 -0.83 59.98	-21.37 -0.80 59.41	-21.41 -0.88 60.46	-21.41 -0.98 62.46	-21.45 -1.12 65.41	28.14 -0.95 16.53	44.72 -1.18 5.79	50.38 -0.59 0.00	58.24 -0.14 0.00	58.34 0.70 0.00	62.74 1.51 0.00	55.27 1.50 0.00	56.67 1.70 0.00	55.14 2.10 0.00

FALCON___SEABRD_CC2 323797	45.70 -0.03 0.00	37.44 -0.10 0.00	32.94 -0.33 0.00	5.28 -0.70 25.24	-21.37 -0.84 49.01	-21.63 -0.88 51.86	-21.36 -0.90 53.52	-21.34 -0.87 53.03	-21.41 -0.85 57.27	-21.47 -0.94 62.66	-21.40 -0.83 59.98	-21.37 -0.80 59.41	-21.41 -0.88 60.46	-21.41 -0.98 62.46	-21.45 -1.12 65.41	28.14 -0.95 16.53	44.72 -1.18 5.79	50.38 -0.59 0.00	58.24 -0.14 0.00	58.34 0.70 0.00	62.74 1.51 0.00	55.27 1.50 0.00	56.67 1.70 0.00	55.14 2.10 0.00
FAR ROCKAWAY___4 23548	49.57 3.84 0.00	40.74 3.20 0.00	36.23 2.96 0.00	33.75 2.53 0.00	30.79 2.31 0.00	33.71 2.60 0.00	35.88 2.82 0.00	35.27 2.72 0.00	39.67 2.95 0.00	45.53 3.40 0.00	42.43 3.02 0.00	41.64 2.80 0.00	42.64 2.71 0.00	45.06 3.03 0.00	48.21 3.13 0.00	48.91 3.30 0.00	55.76 4.04 -0.04	55.04 4.07 0.00	62.54 4.16 0.00	61.79 4.15 0.00	65.17 3.94 0.00	57.41 3.63 0.00	58.46 3.48 0.00	55.79 2.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.67 2.95 0.00	40.02 2.48 0.00	35.55 2.28 0.00	33.18 1.96 0.00	30.26 1.78 0.00	33.13 2.02 0.00	35.26 2.20 0.00	34.71 2.16 0.00	39.00 2.28 0.00	44.64 2.51 0.00	41.71 2.30 0.00	41.01 2.17 0.00	42.11 2.18 0.00	44.26 2.24 0.00	47.35 2.27 0.00	47.82 2.21 0.00	54.30 2.62 0.00	53.71 2.75 0.00	61.21 2.83 0.00	60.25 2.62 0.00	63.63 2.40 0.00	56.07 2.30 0.00	57.16 2.19 0.00	54.76 1.71 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.67 2.95 0.00	39.97 2.44 0.00	35.52 2.24 0.00	33.14 1.92 0.00	30.23 1.75 0.00	33.09 1.98 0.00	35.22 2.16 0.00	34.67 2.12 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.66 2.25 0.00	40.96 2.12 0.00	42.06 2.13 0.00	44.21 2.19 0.00	47.29 2.21 0.00	47.77 2.15 0.00	54.23 2.54 0.00	53.65 2.68 0.00	61.11 2.73 0.00	60.18 2.54 0.00	63.56 2.32 0.00	56.00 2.23 0.00	57.09 2.12 0.00	54.71 1.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.64 2.92 0.00	40.00 2.46 0.00	35.53 2.26 0.00	33.16 1.94 0.00	30.25 1.77 0.00	33.11 2.00 0.00	35.25 2.19 0.00	34.69 2.14 0.00	38.98 2.27 0.00	44.61 2.48 0.00	41.69 2.28 0.00	40.99 2.16 0.00	42.08 2.15 0.00	44.25 2.22 0.00	47.32 2.24 0.00	47.80 2.19 0.00	54.26 2.58 0.00	53.68 2.71 0.00	61.15 2.78 0.00	60.22 2.58 0.00	63.60 2.37 0.00	56.04 2.27 0.00	57.13 2.16 0.00	54.74 1.69 0.00
FARRAGUT___LBMP 323566	48.62 2.89 0.00	39.97 2.44 0.00	35.52 2.24 0.00	33.14 1.92 0.00	30.23 1.75 0.00	33.09 1.98 0.00	35.22 2.16 0.00	34.67 2.12 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.66 2.25 0.00	40.96 2.12 0.00	42.06 2.13 0.00	44.21 2.19 0.00	47.29 2.21 0.00	47.77 2.15 0.00	54.23 2.54 0.00	53.65 2.68 0.00	61.11 2.73 0.00	60.18 2.54 0.00	63.56 2.32 0.00	56.00 2.23 0.00	57.09 2.12 0.00	54.71 1.66 0.00
FENNER___WINDPWR 24204	45.90 0.17 0.00	37.75 0.22 0.00	33.42 0.15 0.00	31.36 0.14 0.00	28.65 0.17 0.00	31.27 0.16 0.00	33.26 0.20 0.00	32.82 0.27 0.00	37.01 0.30 0.00	42.49 0.36 0.00	42.16 0.32 -2.43	39.24 0.40 0.00	40.41 0.48 0.00	42.59 0.57 0.00	45.67 0.59 0.00	46.27 0.65 0.00	52.57 0.88 0.00	51.83 0.86 0.00	59.32 0.95 0.00	58.65 1.01 0.00	62.16 0.93 0.00	54.60 0.83 0.00	55.80 0.82 0.00	53.71 0.67 0.00
FIBERTEK___ENERGY 23856	44.94 -0.79 0.00	36.94 -0.60 0.00	32.69 -0.58 0.00	30.75 -0.48 0.00	28.13 -0.35 0.00	30.64 -0.46 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.15 -0.56 0.00	41.47 -0.66 0.00	38.79 -0.62 0.00	38.27 -0.57 0.00	39.43 -0.51 0.00	41.51 -0.52 0.00	44.55 -0.52 0.00	45.13 -0.48 0.00	51.26 -0.43 0.00	50.63 -0.34 0.00	57.93 -0.45 0.00	57.08 -0.56 0.00	60.47 -0.76 0.00	53.02 -0.76 0.00	54.18 -0.79 0.00	52.17 -0.88 0.00
FITZPATRICK____ 23598	43.80 -1.92 0.00	35.99 -1.55 0.00	31.88 -1.39 0.00	29.99 -1.23 0.00	27.45 -1.04 0.00	29.88 -1.22 0.00	31.70 -1.36 0.00	31.23 -1.32 0.00	35.21 -1.51 0.00	40.39 -1.74 0.00	37.78 -1.63 0.00	37.25 -1.59 0.00	38.33 -1.61 0.00	40.36 -1.66 0.00	43.30 -1.77 0.00	43.86 -1.76 0.00	49.75 -1.93 0.00	49.12 -1.85 0.00	56.22 -2.16 0.00	55.44 -2.20 0.00	58.79 -2.44 0.00	51.60 -2.17 0.00	52.75 -2.22 0.00	50.85 -2.20 0.00
FLOWRFLD_69_KV_BK1 356044	49.75 4.03 0.00	40.80 3.26 0.00	36.32 3.05 0.00	33.81 2.59 0.00	30.85 2.37 0.00	33.78 2.67 0.00	35.94 2.89 0.00	35.36 2.81 0.00	39.82 3.10 0.00	45.72 3.60 0.00	42.59 3.18 0.00	41.66 2.82 0.00	42.62 2.69 0.00	45.11 3.09 0.00	48.19 3.11 0.00	48.96 3.35 0.00	55.98 4.26 -0.04	55.35 4.38 0.00	62.75 4.38 0.00	62.08 4.44 0.00	65.47 4.24 0.00	57.54 3.77 0.00	58.69 3.72 0.00	55.87 2.82 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.02 3.29 0.00	40.27 2.73 0.00	35.75 2.47 0.00	33.35 2.13 0.00	30.41 1.93 0.00	33.29 2.18 0.00	35.46 2.40 0.00	34.92 2.37 0.00	39.24 2.53 0.00	44.91 2.78 0.00	41.91 2.50 0.00	41.18 2.34 0.00	42.33 2.40 0.00	44.59 2.56 0.00	47.81 2.73 0.00	48.38 2.77 0.00	55.05 3.37 0.00	54.48 3.52 0.00	62.13 3.75 0.00	61.15 3.52 0.00	64.62 3.39 0.00	56.77 2.99 0.00	57.82 2.86 0.00	55.40 2.35 0.00
FORT ORANGE____ 23900	47.45 1.72 0.00	39.13 1.59 0.00	34.79 1.52 0.00	32.62 1.40 0.00	29.80 1.32 0.00	32.55 1.44 0.00	34.61 1.55 0.00	34.12 1.57 0.00	38.38 1.66 0.00	44.00 1.87 0.00	41.11 1.70 0.00	40.45 1.62 0.00	41.67 1.73 0.00	43.83 1.80 0.00	46.94 1.86 0.00	47.21 1.60 0.00	53.55 1.86 0.00	52.88 1.92 0.00	60.42 2.04 0.00	59.47 1.83 0.00	63.02 1.79 0.00	55.33 1.56 0.00	56.51 1.54 0.00	54.55 1.51 0.00
FORT_DRUM_COGEN 23780	44.86 -0.87 0.00	36.88 -0.66 0.00	32.32 -0.95 0.00	31.36 -1.00 -1.14	29.70 -0.99 -2.21	32.34 -1.11 -2.34	34.32 -1.16 -2.42	33.91 -1.04 -2.39	38.19 -1.11 -2.59	43.82 -1.14 -2.83	41.01 -1.11 -2.71	40.48 -1.04 -2.68	41.57 -1.09 -2.73	43.76 -1.09 -2.82	46.90 -1.13 -2.95	45.66 -0.70 -0.75	51.87 -0.08 -0.26	51.51 0.54 0.00	58.86 0.48 0.00	59.27 1.64 0.00	63.06 1.83 0.00	55.12 1.34 0.00	56.37 1.40 0.00	54.38 1.34 0.00
FOX_HILLS___ESR 323835	48.86 3.13 0.00	40.30 2.77 0.00	35.77 2.50 0.00	33.37 2.15 0.00	30.42 1.94 0.00	33.29 2.18 0.00	35.44 2.38 0.00	34.83 2.28 0.00	39.09 2.37 0.00	44.69 2.56 0.00	41.76 2.35 0.00	41.03 2.19 0.00	42.10 2.17 0.00	44.30 2.28 0.00	47.40 2.32 0.00	47.92 2.30 0.00	54.17 2.48 0.00	53.78 2.81 0.00	61.36 2.98 0.00	60.41 2.77 0.00	63.73 2.50 0.00	56.21 2.44 0.00	57.42 2.44 0.00	55.08 2.04 0.00
FPL FAR_ROCK_GT1 24212	49.57 3.84 0.00	40.74 3.20 0.00	36.23 2.96 0.00	33.75 2.53 0.00	30.79 2.31 0.00	33.71 2.60 0.00	35.89 2.83 0.00	35.26 2.71 0.00	39.67 2.95 0.00	45.54 3.41 0.00	42.44 3.03 0.00	41.63 2.80 0.00	42.64 2.71 0.00	45.06 3.03 0.00	48.21 3.13 0.00	48.91 3.30 0.00	55.76 4.04 -0.04	55.04 4.07 0.00	62.53 4.16 0.00	61.78 4.15 0.00	65.17 3.94 0.00	57.41 3.63 0.00	58.46 3.48 0.00	55.79 2.74 0.00

FPL FAR_ROCK_GT2 23815	49.57 3.84 0.00	40.74 3.20 0.00	36.23 2.96 0.00	33.75 2.53 0.00	30.79 2.31 0.00	33.71 2.60 0.00	35.89 2.83 0.00	35.26 2.71 0.00	39.67 2.95 0.00	45.54 3.41 0.00	42.44 3.03 0.00	41.63 2.80 0.00	42.64 2.71 0.00	45.06 3.03 0.00	48.21 3.13 0.00	48.91 3.30 0.00	55.76 4.04 -0.04	55.04 4.07 0.00	62.53 4.16 0.00	61.78 4.15 0.00	65.17 3.94 0.00	57.41 3.63 0.00	58.46 3.48 0.00	55.79 2.74 0.00
FRANKLIN_FALL_HYD 24054	46.09 0.36 0.00	37.77 0.23 0.00	33.22 -0.05 -17.93	48.87 -0.27 -34.80	62.84 -0.45 -36.83	67.46 -0.48 -38.01	70.51 -0.56 -37.66	69.68 -0.52 -40.67	76.99 -0.39 -44.50	86.32 -0.30 -42.59	81.79 -0.21 -42.19	80.83 -0.20 -42.94	82.63 -0.24 -44.36	86.07 -0.31 -46.45	91.10 -0.42 -11.74	57.11 -0.24 -4.12	55.37 -0.43 0.00	50.96 -0.01 0.00	58.84 0.46 0.00	58.84 1.20 0.00	63.11 1.88 0.00	55.53 1.76 0.00	57.04 2.06 0.00	55.52 2.48 0.00
FREEPORT_EQUS_GT1 23764	49.28 3.55 0.00	40.48 2.94 0.00	36.02 2.75 0.00	33.54 2.32 0.00	30.60 2.12 0.00	33.52 2.41 0.00	35.66 2.60 0.00	35.06 2.51 0.00	39.45 2.73 0.00	45.28 3.16 0.00	42.19 2.78 0.00	41.36 2.52 0.00	42.36 2.43 0.00	44.79 2.76 0.00	47.93 2.86 0.00	48.62 3.01 0.00	55.29 3.56 -0.04	54.56 3.58 0.00	61.98 3.60 0.00	61.48 3.85 0.00	64.61 3.38 0.00	56.92 3.14 0.00	58.17 3.20 0.00	55.46 2.42 0.00
FREEPORT___CT2 23818	49.28 3.55 0.00	40.48 2.94 0.00	36.02 2.75 0.00	33.54 2.32 0.00	30.60 2.12 0.00	33.52 2.41 0.00	35.66 2.60 0.00	35.06 2.51 0.00	39.45 2.73 0.00	45.28 3.16 0.00	42.19 2.78 0.00	41.36 2.52 0.00	42.36 2.43 0.00	44.79 2.76 0.00	47.93 2.86 0.00	48.62 3.01 0.00	55.29 3.56 -0.04	54.56 3.58 0.00	61.98 3.60 0.00	61.48 3.85 0.00	64.61 3.38 0.00	56.92 3.14 0.00	58.17 3.20 0.00	55.46 2.42 0.00
FRESHKLS_33_KV_LOAD 356253	48.89 3.17 0.00	40.38 2.84 0.00	35.84 2.57 0.00	33.43 2.21 0.00	30.48 2.00 0.00	33.35 2.24 0.00	35.51 2.45 0.00	34.87 2.32 0.00	39.10 2.38 0.00	44.65 2.52 0.00	41.70 2.29 0.00	40.95 2.12 0.00	42.03 2.10 0.00	44.24 2.22 0.00	47.37 2.29 0.00	47.88 2.27 0.00	54.04 2.35 0.00	53.74 2.77 0.00	61.27 2.89 0.00	60.29 2.65 0.00	63.60 2.37 0.00	56.11 2.34 0.00	57.42 2.44 0.00	55.15 2.10 0.00
FULTON COGEN____ 23766	44.16 -1.57 0.00	36.30 -1.24 0.00	32.13 -1.14 0.00	30.22 -1.01 0.00	27.65 -0.83 0.00	30.12 -0.99 0.00	31.98 -1.08 0.00	31.52 -1.03 0.00	35.51 -1.21 0.00	40.76 -1.37 0.00	38.12 -1.29 0.00	37.62 -1.22 0.00	38.70 -1.24 0.00	40.75 -1.28 0.00	43.74 -1.34 0.00	44.30 -1.32 0.00	50.31 -1.38 0.00	49.70 -1.27 0.00	56.87 -1.51 0.00	56.05 -1.59 0.00	59.40 -1.83 0.00	52.09 -1.69 0.00	53.21 -1.76 0.00	51.25 -1.79 0.00
FULTON___LFGE 323630	48.18 2.45 0.00	39.48 1.95 0.00	34.95 1.67 0.00	32.73 1.51 0.00	29.86 1.38 0.00	32.64 1.53 0.00	34.73 1.67 0.00	34.27 1.72 0.00	38.70 1.98 0.00	44.36 2.23 0.00	41.38 1.97 0.00	40.79 1.96 0.00	41.98 2.05 0.00	44.19 2.16 0.00	47.52 2.44 0.00	48.24 2.62 0.00	54.91 3.22 0.00	54.27 3.30 0.00	62.08 3.71 0.00	61.17 3.53 0.00	64.93 3.70 0.00	56.89 3.12 0.00	58.09 3.12 0.00	55.93 2.89 0.00
G.F.CEMENT___DRP 24184	49.07 3.34 0.00	40.18 2.64 0.00	35.65 2.37 0.00	33.27 2.05 0.00	30.27 1.79 0.00	33.11 2.00 0.00	35.52 2.46 0.00	35.10 2.55 0.00	39.57 2.85 0.00	45.40 3.27 0.00	42.41 3.00 0.00	41.97 3.13 0.00	43.15 3.21 0.00	45.34 3.31 0.00	48.45 3.37 0.00	49.01 3.40 0.00	55.69 4.00 0.00	55.01 4.04 0.00	62.74 4.36 0.00	61.65 4.01 0.00	65.24 4.00 0.00	57.30 3.52 0.00	58.34 3.37 0.00	55.93 2.89 0.00
GARDENVILLE___LBMP 24039	42.25 -3.48 0.00	34.96 -2.58 0.00	30.89 -2.38 0.00	29.26 -1.96 0.00	26.66 -1.82 0.00	29.05 -2.06 0.00	30.81 -2.25 0.00	29.88 -2.67 0.00	33.85 -2.87 0.00	38.80 -3.33 3.70	32.78 -2.93 0.00	35.88 -2.96 0.00	37.08 -2.85 0.00	39.24 -2.79 0.00	42.24 -2.84 0.00	43.07 -2.54 0.00	48.79 -2.90 0.00	48.38 -2.58 0.00	55.42 -2.96 0.00	54.49 -3.14 0.00	57.57 -3.66 0.00	50.52 -3.25 0.00	52.32 -2.65 0.00	50.68 -2.36 0.00
GARDNVLA_35_KV_LD 355827	42.51 -3.22 0.00	35.17 -2.37 0.00	31.07 -2.20 0.00	29.42 -1.80 0.00	26.81 -1.67 0.00	29.20 -1.90 0.00	30.98 -2.08 0.00	30.06 -2.49 0.00	34.05 -2.67 0.00	39.04 -3.08 0.00	33.05 -2.71 3.66	36.12 -2.72 0.00	37.33 -2.61 0.00	39.48 -2.54 0.00	42.50 -2.58 0.00	43.32 -2.29 0.00	49.09 -2.60 0.00	48.69 -2.28 0.00	55.77 -2.60 0.00	54.84 -2.80 0.00	57.91 -3.33 0.00	50.81 -2.96 0.00	52.61 -2.36 0.00	50.98 -2.06 0.00
GELCKHM___115KV_LOAD 80723	44.60 -1.13 0.00	36.65 -0.89 0.00	32.45 -0.82 0.00	30.52 -0.70 0.00	27.92 -0.57 0.00	30.41 -0.70 0.00	32.29 -0.77 0.00	31.81 -0.74 0.00	35.86 -0.85 0.00	41.14 -0.99 0.00	38.49 -0.93 0.00	37.97 -0.87 0.00	39.10 -0.84 0.00	41.17 -0.86 0.00	44.17 -0.90 0.00	44.74 -0.87 0.00	50.80 -0.89 0.00	50.18 -0.79 0.00	57.42 -0.96 0.00	56.58 -1.06 0.00	59.95 -1.28 0.00	52.58 -1.20 0.00	53.74 -1.23 0.00	51.77 -1.27 0.00
GENERAL___MILLS 23808	42.43 -3.29 0.00	35.12 -2.41 0.00	31.04 -2.24 0.00	29.39 -1.84 0.00	26.78 -1.70 0.00	29.17 -1.94 0.00	30.95 -2.11 0.00	30.02 -2.53 0.00	34.00 -2.71 0.00	38.98 -3.16 0.00	32.99 -2.75 3.67	36.06 -2.78 0.00	37.27 -2.67 0.00	39.42 -2.61 0.00	42.43 -2.65 0.00	43.26 -2.36 0.00	49.01 -2.68 0.00	48.59 -2.38 0.00	55.66 -2.72 0.00	54.72 -2.91 0.00	57.82 -3.41 0.00	50.74 -3.04 0.00	52.54 -2.43 0.00	50.90 -2.14 0.00
GE_PLASTICS___DRP 24183	47.28 1.55 0.00	38.79 1.25 0.00	34.46 1.19 0.00	32.31 1.08 0.00	29.50 1.02 0.00	32.22 1.11 0.00	34.25 1.19 0.00	33.75 1.20 0.00	37.97 1.25 0.00	43.56 1.43 0.00	40.71 1.30 0.00	40.10 1.27 0.00	41.24 1.31 0.00	43.37 1.34 0.00	46.45 1.37 0.00	46.79 1.17 0.00	53.06 1.37 0.00	52.39 1.42 0.00	59.85 1.47 0.00	58.95 1.32 0.00	62.50 1.27 0.00	54.92 1.14 0.00	56.09 1.12 0.00	54.11 1.06 0.00
GILBOA___1 23756	47.04 1.32 0.00	38.63 1.09 0.00	34.27 1.00 0.00	32.10 0.88 0.00	29.28 0.80 0.00	32.01 0.90 0.00	34.05 0.99 0.00	33.53 0.98 0.00	37.73 1.02 0.00	43.26 1.13 0.00	40.44 1.03 0.00	39.84 1.00 0.00	40.95 1.01 0.00	43.08 1.05 0.00	46.16 1.09 0.00	46.66 1.04 0.00	52.94 1.26 0.00	52.30 1.33 0.00	59.78 1.40 0.00	58.89 1.26 0.00	62.41 1.18 0.00	54.85 1.08 0.00	56.00 1.03 0.00	53.88 0.83 0.00
GILBOA___2 23757	47.04 1.32 0.00	38.63 1.09 0.00	34.27 1.00 0.00	32.10 0.88 0.00	29.28 0.80 0.00	32.01 0.90 0.00	34.05 0.99 0.00	33.53 0.98 0.00	37.73 1.02 0.00	43.26 1.13 0.00	40.44 1.03 0.00	39.84 1.00 0.00	40.95 1.01 0.00	43.08 1.05 0.00	46.16 1.09 0.00	46.66 1.04 0.00	52.94 1.26 0.00	52.30 1.33 0.00	59.78 1.40 0.00	58.89 1.26 0.00	62.41 1.18 0.00	54.85 1.08 0.00	56.00 1.03 0.00	53.88 0.83 0.00

GILBOA___3 23758	47.04 1.32 0.00	38.63 1.09 0.00	34.27 1.00 0.00	32.10 0.88 0.00	29.28 0.80 0.00	32.01 0.90 0.00	34.05 0.99 0.00	33.53 0.98 0.00	37.73 1.02 0.00	43.26 1.13 0.00	40.44 1.03 0.00	39.84 1.00 0.00	40.95 1.01 0.00	43.08 1.05 0.00	46.16 1.09 0.00	46.66 1.04 0.00	52.94 1.26 0.00	52.30 1.33 0.00	59.78 1.40 0.00	58.89 1.26 0.00	62.41 1.18 0.00	54.85 1.08 0.00	56.00 1.03 0.00	53.88 0.83 0.00
GILBOA___4 23759	47.04 1.32 0.00	38.63 1.09 0.00	34.27 1.00 0.00	32.10 0.88 0.00	29.28 0.80 0.00	32.01 0.90 0.00	34.05 0.99 0.00	33.53 0.98 0.00	37.73 1.02 0.00	43.26 1.13 0.00	40.44 1.03 0.00	39.84 1.00 0.00	40.95 1.01 0.00	43.08 1.05 0.00	46.16 1.09 0.00	46.66 1.04 0.00	52.94 1.26 0.00	52.30 1.33 0.00	59.78 1.40 0.00	58.89 1.26 0.00	62.41 1.18 0.00	54.85 1.08 0.00	56.00 1.03 0.00	53.88 0.83 0.00
GILBOA___ 23599	47.04 1.32 0.00	38.63 1.09 0.00	34.27 1.00 0.00	32.10 0.88 0.00	29.28 0.80 0.00	32.01 0.90 0.00	34.04 0.98 0.00	33.53 0.98 0.00	37.73 1.02 0.00	43.27 1.14 0.00	40.44 1.03 0.00	39.84 1.00 0.00	40.95 1.01 0.00	43.08 1.05 0.00	46.17 1.09 0.00	46.66 1.05 0.00	52.94 1.26 0.00	52.30 1.33 0.00	59.78 1.40 0.00	58.89 1.26 0.00	62.41 1.18 0.00	54.85 1.08 0.00	56.01 1.04 0.00	53.87 0.83 0.00
GINNA___ 23603	41.65 -4.08 0.00	34.28 -3.26 0.00	30.33 -2.94 0.00	28.62 -2.60 0.00	26.17 -2.32 0.00	28.53 -2.58 0.00	30.26 -2.81 0.00	29.67 -2.89 0.00	33.54 -3.18 0.00	38.51 -3.62 0.00	34.20 -3.29 1.92	35.59 -3.24 0.00	36.67 -3.27 0.00	38.67 -3.36 0.00	41.57 -3.51 0.00	42.16 -3.45 0.00	47.86 -3.82 0.00	47.32 -3.65 0.00	54.07 -4.31 0.00	53.14 -4.49 0.00	56.19 -5.04 0.00	49.19 -4.58 0.00	50.50 -4.47 0.00	48.72 -4.33 0.00
GLEN PARK___ 23778	45.05 -0.68 0.00	37.02 -0.52 0.00	32.45 -0.82 0.00	31.43 -0.87 -1.08	29.71 -0.88 -2.10	32.35 -0.98 -2.22	34.35 -1.00 -2.29	33.95 -0.87 -2.27	38.24 -0.92 -2.45	43.88 -0.93 -2.68	41.05 -0.92 -2.57	40.53 -0.85 -2.54	41.59 -0.93 -2.59	43.77 -0.93 -2.67	46.95 -0.92 -2.80	45.85 -0.47 -0.71	52.16 0.22 -0.25	51.82 0.85 0.00	59.22 0.84 0.00	59.58 1.94 0.00	63.36 2.13 0.00	55.35 1.57 0.00	56.57 1.60 0.00	54.53 1.49 0.00
GLENDALE_27_KV_LOAD 356172	48.87 3.15 0.00	40.22 2.69 0.00	35.73 2.45 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.85 2.30 0.00	39.17 2.46 0.00	44.82 2.69 0.00	41.90 2.49 0.00	41.18 2.35 0.00	42.28 2.35 0.00	44.44 2.41 0.00	47.51 2.44 0.00	48.03 2.42 0.00	54.48 2.79 0.00	53.94 2.97 0.00	61.48 3.10 0.00	60.54 2.90 0.00	63.93 2.70 0.00	56.34 2.56 0.00	57.43 2.46 0.00	55.01 1.97 0.00
GLENWOOD_IC_1_G5 23712	49.01 3.28 0.00	40.29 2.75 0.00	35.82 2.55 0.00	33.38 2.16 0.00	30.45 1.97 0.00	33.34 2.23 0.00	35.48 2.42 0.00	34.90 2.35 0.00	39.25 2.54 0.00	45.01 2.88 0.00	41.99 2.58 0.00	41.21 2.38 0.00	42.26 2.32 0.00	44.60 2.57 0.00	47.70 2.62 0.00	48.29 2.67 0.00	54.83 3.11 -0.04	54.14 3.17 0.00	61.60 3.22 0.00	60.83 3.19 0.00	64.21 2.98 0.00	56.72 2.94 0.00	57.79 2.81 0.00	55.21 2.17 0.00
GLENWOOD_IC_2_G1 23688	48.73 3.01 0.00	40.05 2.52 0.00	35.59 2.32 0.00	33.20 1.98 0.00	30.27 1.79 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.70 2.15 0.00	39.01 2.29 0.00	44.70 2.57 0.00	41.73 2.32 0.00	40.98 2.14 0.00	42.06 2.12 0.00	44.31 2.28 0.00	47.42 2.35 0.00	47.97 2.36 0.00	54.57 2.85 -0.04	53.93 2.96 0.00	61.41 3.03 0.00	60.55 2.91 0.00	63.93 2.71 0.00	56.32 2.55 0.00	57.40 2.43 0.00	54.92 1.88 0.00
GLENWOOD_IC_3_G1 23689	48.73 3.01 0.00	40.05 2.52 0.00	35.59 2.32 0.00	33.20 1.98 0.00	30.27 1.79 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.70 2.15 0.00	39.01 2.29 0.00	44.70 2.57 0.00	41.73 2.32 0.00	40.98 2.14 0.00	42.06 2.12 0.00	44.31 2.28 0.00	47.42 2.35 0.00	47.97 2.36 0.00	54.57 2.85 -0.04	53.93 2.96 0.00	61.41 3.03 0.00	60.55 2.91 0.00	63.93 2.71 0.00	56.32 2.55 0.00	57.40 2.43 0.00	54.92 1.88 0.00
GLENWOOD___4 23550	49.01 3.28 0.00	40.29 2.75 0.00	35.82 2.55 0.00	33.38 2.16 0.00	30.45 1.97 0.00	33.34 2.23 0.00	35.48 2.42 0.00	34.90 2.35 0.00	39.25 2.54 0.00	45.01 2.88 0.00	41.99 2.58 0.00	41.21 2.38 0.00	42.26 2.32 0.00	44.60 2.57 0.00	47.70 2.62 0.00	48.30 2.68 0.00	54.89 3.17 -0.04	54.21 3.24 0.00	61.67 3.29 0.00	60.91 3.28 0.00	64.27 3.04 0.00	56.72 2.94 0.00	57.79 2.81 0.00	55.21 2.17 0.00
GLENWOOD___5 23614	49.01 3.28 0.00	40.29 2.75 0.00	35.82 2.55 0.00	33.38 2.16 0.00	30.45 1.97 0.00	33.34 2.23 0.00	35.48 2.42 0.00	34.90 2.35 0.00	39.25 2.54 0.00	45.01 2.88 0.00	41.99 2.58 0.00	41.21 2.38 0.00	42.26 2.32 0.00	44.60 2.57 0.00	47.70 2.62 0.00	48.30 2.68 0.00	54.89 3.17 -0.04	54.21 3.24 0.00	61.67 3.29 0.00	60.91 3.28 0.00	64.27 3.04 0.00	56.72 2.94 0.00	57.79 2.81 0.00	55.21 2.17 0.00
GLOBAL GREEN_PORT_GT1 23814	49.99 4.27 0.00	40.63 3.09 0.00	36.01 2.74 0.00	33.51 2.29 0.00	30.56 2.07 0.00	33.46 2.35 0.00	35.67 2.61 0.00	35.09 2.53 0.00	39.53 2.81 0.00	45.39 3.26 0.00	42.22 2.81 0.00	41.15 2.31 0.00	42.02 2.09 0.00	44.51 2.48 0.00	47.55 2.48 0.00	48.38 2.77 0.00	55.78 4.06 -0.04	55.63 4.65 0.00	62.53 4.15 0.00	61.95 4.31 0.00	65.60 4.36 0.00	57.04 3.26 0.00	59.06 4.09 0.00	56.93 3.88 0.00
GLOBE___DSASP 323697	40.78 -4.95 0.00	33.77 -3.77 0.00	29.87 -3.40 0.00	28.34 -2.88 0.00	25.82 -2.66 0.00	28.14 -2.98 0.00	29.85 -3.21 0.00	28.85 -3.70 0.00	32.68 -4.03 0.00	37.45 -4.68 0.00	32.10 -4.14 3.17	34.64 -4.20 0.00	35.74 -4.20 0.00	37.71 -4.32 0.00	40.57 -4.51 0.00	41.23 -4.39 0.00	46.63 -5.06 0.00	46.18 -4.78 0.00	52.71 -5.67 0.00	51.80 -5.84 0.00	54.61 -6.63 0.00	47.97 -5.81 0.00	49.85 -5.12 0.00	48.44 -4.60 0.00
GOETHSLN___LBMP 323567	48.34 2.62 0.00	39.76 2.23 0.00	35.32 2.05 0.00	32.96 1.73 0.00	30.07 1.59 0.00	32.91 1.80 0.00	35.03 1.97 0.00	34.48 1.93 0.00	38.73 2.02 0.00	44.33 2.21 0.00	41.44 2.02 0.00	40.73 1.89 0.00	41.83 1.90 0.00	43.96 1.94 0.00	47.04 1.97 0.00	47.52 1.91 0.00	53.96 2.27 0.00	53.34 2.37 0.00	60.76 2.38 0.00	59.80 2.17 0.00	63.13 1.90 0.00	55.64 1.86 0.00	56.75 1.77 0.00	54.37 1.33 0.00
GOLAH___69_KV_TB 1_2 80279	43.39 -2.34 0.00	35.75 -1.79 0.00	31.63 -1.65 0.00	29.89 -1.34 0.00	27.28 -1.20 0.00	29.73 -1.38 0.00	31.57 -1.49 0.00	30.81 -1.74 0.00	34.86 -1.86 0.00	40.02 -2.11 0.00	35.39 -1.82 2.20	37.00 -1.84 0.00	38.11 -1.83 0.00	40.18 -1.85 0.00	43.25 -1.83 0.00	43.95 -1.67 0.00	49.87 -1.81 0.00	49.34 -1.62 0.00	56.37 -2.01 0.00	55.38 -2.26 0.00	58.52 -2.71 0.00	51.26 -2.52 0.00	52.74 -2.23 0.00	50.94 -2.11 0.00

GOODYEAR_LAKE_HYD 323669	47.08 1.35 0.00	38.67 1.14 0.00	34.24 0.96 0.00	32.07 0.85 0.00	29.25 0.77 0.00	31.96 0.85 0.00	34.02 0.96 0.00	33.58 1.03 0.00	37.90 1.19 0.00	43.45 1.32 0.00	40.58 1.17 0.00	39.93 1.10 0.00	41.05 1.11 0.00	43.26 1.23 0.00	46.43 1.36 0.00	47.05 1.44 0.00	53.52 1.83 0.00	52.90 1.94 0.00	60.51 2.13 0.00	59.70 2.07 0.00	63.34 2.11 0.00	55.56 1.79 0.00	56.77 1.80 0.00	54.58 1.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	45.27 -0.45 0.00	37.32 -0.22 0.00	32.99 -0.28 0.00	30.95 -0.27 0.00	28.23 -0.25 0.00	30.80 -0.31 0.00	32.75 -0.31 0.00	32.35 -0.20 0.00	36.46 -0.25 0.00	41.79 -0.34 0.00	38.88 -0.53 0.00	38.50 -0.34 0.00	39.66 -0.27 0.00	41.84 -0.19 0.00	44.86 -0.22 0.00	45.43 -0.18 0.00	51.61 -0.08 0.00	50.99 0.03 0.00	58.44 0.06 0.00	57.58 -0.06 0.00	61.01 -0.22 0.00	53.47 -0.30 0.00	54.73 -0.24 0.00	52.72 -0.32 0.00
GOUDEY___7 23579	45.27 -0.45 0.00	37.32 -0.22 0.00	32.99 -0.28 0.00	30.95 -0.27 0.00	28.23 -0.25 0.00	30.80 -0.31 0.00	32.75 -0.31 0.00	32.35 -0.20 0.00	36.46 -0.25 0.00	41.79 -0.34 0.00	38.88 -0.53 0.00	38.50 -0.34 0.00	39.66 -0.27 0.00	41.84 -0.19 0.00	44.86 -0.22 0.00	45.43 -0.18 0.00	51.61 -0.08 0.00	50.99 0.03 0.00	58.44 0.06 0.00	57.58 -0.06 0.00	61.01 -0.22 0.00	53.47 -0.30 0.00	54.73 -0.24 0.00	52.72 -0.32 0.00
GOUDEY___8 23580	45.27 -0.45 0.00	37.32 -0.22 0.00	32.99 -0.28 0.00	30.95 -0.27 0.00	28.23 -0.25 0.00	30.80 -0.31 0.00	32.75 -0.31 0.00	32.35 -0.20 0.00	36.46 -0.25 0.00	41.79 -0.34 0.00	38.88 -0.53 0.00	38.50 -0.34 0.00	39.66 -0.27 0.00	41.84 -0.19 0.00	44.86 -0.22 0.00	45.43 -0.18 0.00	51.61 -0.08 0.00	50.99 0.03 0.00	58.44 0.06 0.00	57.58 -0.06 0.00	61.01 -0.22 0.00	53.47 -0.30 0.00	54.73 -0.24 0.00	52.72 -0.32 0.00
GOWANUS_GT1_1 24077	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT1_2 24078	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT1_3 24079	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT1_4 24080	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT1_5 24084	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT1_6 24111	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT1_7 24112	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT1_8 24113	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT2_1 24114	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
GOWANUS_GT2_2 24115	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
GOWANUS_GT2_3 24116	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00

GOWANUS_GT2_4 24117	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
GOWANUS_GT2_5 24118	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
GOWANUS_GT2_6 24119	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
GOWANUS_GT2_7 24120	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
GOWANUS_GT2_8 24121	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
GOWANUS_GT3_1 24122	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT3_2 24123	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT3_3 24124	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT3_4 24125	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT3_5 24126	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT3_6 24127	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT3_7 24128	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT3_8 24129	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GOWANUS_GT4_1 24130	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00
GOWANUS_GT4_2 24131	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00

GOWANUS_GT4_3 24132	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00
GOWANUS_GT4_4 24133	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00
GOWANUS_GT4_5 24134	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00
GOWANUS_GT4_6 24135	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00
GOWANUS_GT4_7 24136	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00
GOWANUS_GT4_8 24137	48.85 3.12 0.00	40.25 2.71 0.00	35.73 2.46 0.00	33.33 2.12 0.00	30.39 1.91 0.00	33.25 2.14 0.00	35.41 2.35 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.76 2.63 0.00	41.84 2.43 0.00	41.11 2.27 0.00	42.20 2.27 0.00	44.38 2.36 0.00	47.48 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.95 0.00	63.95 2.71 0.00	56.37 2.59 0.00	57.50 2.52 0.00	55.09 2.05 0.00
GREENBSH_115KV_TB3 55895	47.39 1.67 0.00	38.88 1.35 0.00	34.56 1.29 0.00	32.41 1.19 0.00	29.61 1.13 0.00	32.34 1.23 0.00	34.37 1.31 0.00	33.87 1.32 0.00	38.08 1.37 0.00	43.71 1.58 0.00	40.87 1.46 0.00	40.27 1.43 0.00	41.40 1.46 0.00	43.51 1.49 0.00	46.59 1.51 0.00	46.81 1.19 0.00	53.07 1.39 0.00	52.41 1.44 0.00	59.87 1.49 0.00	58.95 1.31 0.00	62.49 1.26 0.00	54.92 1.14 0.00	56.11 1.14 0.00	54.20 1.16 0.00
GREENIDGE_115KV_TB5 80291	44.17 -1.56 0.00	36.65 -0.88 0.00	32.35 -0.92 0.00	30.44 -0.78 0.00	27.79 -0.70 0.00	30.30 -0.81 0.00	32.26 -0.80 0.00	31.79 -0.76 0.00	35.86 -0.86 0.00	41.01 -1.12 0.00	27.82 -1.14 10.45	37.90 -0.94 0.00	39.12 -0.82 0.00	41.29 -0.74 0.00	44.38 -0.69 0.00	45.06 -0.55 0.00	50.96 -0.73 0.00	50.46 -0.51 0.00	57.93 -0.45 0.00	57.06 -0.58 0.00	60.44 -0.79 0.00	52.90 -0.88 0.00	54.18 -0.79 0.00	52.21 -0.83 0.00
GREENIDGE___3 23582	44.17 -1.56 0.00	36.65 -0.88 0.00	32.35 -0.92 0.00	30.44 -0.78 0.00	27.79 -0.70 0.00	30.30 -0.81 0.00	32.26 -0.80 0.00	31.79 -0.76 0.00	35.86 -0.86 0.00	41.01 -1.12 0.00	27.82 -1.14 10.45	37.90 -0.94 0.00	39.12 -0.82 0.00	41.29 -0.74 0.00	44.38 -0.69 0.00	45.06 -0.55 0.00	50.96 -0.73 0.00	50.46 -0.51 0.00	57.93 -0.45 0.00	57.06 -0.58 0.00	60.44 -0.79 0.00	52.90 -0.88 0.00	54.18 -0.79 0.00	52.21 -0.83 0.00
GREENIDGE___4 23583	44.17 -1.56 0.00	36.65 -0.89 0.00	32.36 -0.92 0.00	30.44 -0.78 0.00	27.79 -0.69 0.00	30.30 -0.81 0.00	32.24 -0.82 0.00	31.79 -0.76 0.00	35.86 -0.86 0.00	41.01 -1.12 0.00	27.80 -1.16 10.45	37.90 -0.94 0.00	39.11 -0.83 0.00	41.29 -0.74 0.00	44.39 -0.69 0.00	45.05 -0.56 0.00	50.96 -0.73 0.00	50.46 -0.51 0.00	57.93 -0.45 0.00	57.06 -0.57 0.00	60.45 -0.78 0.00	52.89 -0.88 0.00	54.18 -0.79 0.00	52.21 -0.83 0.00
GREENLWN_69_KV_BK 3 55738	49.26 3.53 0.00	40.42 2.88 0.00	36.01 2.73 0.00	33.53 2.31 0.00	30.60 2.12 0.00	33.51 2.40 0.00	35.64 2.58 0.00	35.04 2.49 0.00	39.42 2.70 0.00	45.26 3.13 0.00	42.19 2.78 0.00	41.36 2.53 0.00	42.35 2.42 0.00	44.79 2.76 0.00	47.85 2.78 0.00	48.54 2.92 0.00	55.37 3.64 -0.04	54.66 3.69 0.00	62.02 3.64 0.00	61.34 3.70 0.00	64.73 3.50 0.00	56.99 3.21 0.00	58.09 3.12 0.00	55.36 2.31 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00
GRISSOM___SOLAR 323813	48.18 2.45 0.00	39.49 1.95 0.00	34.98 1.70 0.00	32.75 1.53 0.00	29.88 1.40 0.00	32.66 1.56 0.00	34.76 1.70 0.00	34.29 1.74 0.00	38.71 1.99 0.00	44.34 2.21 0.00	41.37 1.96 0.00	40.81 1.97 0.00	41.99 2.05 0.00	44.20 2.17 0.00	47.50 2.42 0.00	48.21 2.59 0.00	54.86 3.18 0.00	54.22 3.26 0.00	61.99 3.62 0.00	61.08 3.44 0.00	64.81 3.58 0.00	56.81 3.03 0.00	57.97 3.00 0.00	55.79 2.74 0.00
GROVEVILLE___HYD 323602	49.02 3.29 0.00	40.27 2.73 0.00	35.75 2.47 0.00	33.35 2.13 0.00	30.41 1.93 0.00	33.29 2.18 0.00	35.46 2.40 0.00	34.92 2.37 0.00	39.24 2.53 0.00	44.91 2.78 0.00	41.91 2.50 0.00	41.18 2.34 0.00	42.33 2.40 0.00	44.59 2.56 0.00	47.81 2.73 0.00	48.38 2.77 0.00	55.05 3.37 0.00	54.48 3.52 0.00	62.13 3.75 0.00	61.15 3.52 0.00	64.62 3.39 0.00	56.77 2.99 0.00	57.82 2.86 0.00	55.40 2.35 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.94 -0.79 0.00	36.94 -0.60 0.00	32.69 -0.58 0.00	30.75 -0.48 0.00	28.13 -0.35 0.00	30.64 -0.46 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.15 -0.56 0.00	41.47 -0.66 0.00	38.79 -0.62 0.00	38.27 -0.57 0.00	39.43 -0.51 0.00	41.51 -0.52 0.00	44.55 -0.52 0.00	45.13 -0.48 0.00	51.26 -0.43 0.00	50.63 -0.34 0.00	57.93 -0.45 0.00	57.08 -0.56 0.00	60.47 -0.76 0.00	53.02 -0.76 0.00	54.18 -0.79 0.00	52.17 -0.88 0.00

HAMLTNNY_34_KV_TB 80303	44.96 -0.77 0.00	36.96 -0.58 0.00	32.69 -0.58 0.00	30.76 -0.46 0.00	28.14 -0.34 0.00	30.66 -0.45 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.18 -0.53 0.00	41.46 -0.67 0.00	38.80 -0.61 0.00	38.27 -0.56 0.00	39.46 -0.48 0.00	41.55 -0.48 0.00	44.59 -0.49 0.00	45.19 -0.43 0.00	51.32 -0.36 0.00	50.70 -0.27 0.00	58.00 -0.38 0.00	57.14 -0.50 0.00	60.50 -0.73 0.00	53.05 -0.72 0.00	54.22 -0.75 0.00	52.20 -0.84 0.00
HAMPSHIRE___PAPER_HYD 323593	45.08 -0.65 0.00	37.10 -0.43 0.00	32.64 -0.64 0.00	33.36 -0.70 -2.84	33.17 -0.82 -5.52	35.94 -1.01 -5.83	37.92 -1.17 -6.02	37.37 -1.15 -5.97	41.93 -1.23 -6.45	47.97 -1.22 -7.05	45.17 -0.98 -6.75	44.63 -0.90 -6.69	45.81 -0.93 -6.80	48.08 -0.97 -7.03	51.18 -1.25 -7.36	46.41 -1.06 -1.86	51.24 -1.10 -0.65	50.20 -0.77 0.00	57.59 -0.78 0.00	57.61 -0.03 0.00	61.49 0.26 0.00	54.09 0.31 0.00	55.54 0.57 0.00	54.08 1.03 0.00
HARDSCRABBLE_WT_PWR 323673	46.78 1.05 0.00	38.35 0.81 0.00	34.06 0.79 0.00	31.90 0.68 0.00	29.04 0.56 0.00	31.74 0.62 0.00	33.68 0.62 0.00	33.25 0.70 0.00	37.48 0.77 0.00	42.88 0.75 0.00	40.01 0.60 0.00	39.23 0.39 0.00	40.21 0.28 0.00	42.36 0.34 0.00	45.41 0.33 0.00	45.82 0.21 0.00	52.03 0.34 0.00	51.27 0.30 0.00	58.85 0.47 0.00	58.13 0.49 0.00	61.52 0.29 0.00	54.31 0.53 0.00	55.49 0.51 0.00	53.32 0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.34 2.61 0.00	39.71 2.17 0.00	35.26 1.98 0.00	32.90 1.68 0.00	30.00 1.52 0.00	32.84 1.73 0.00	34.97 1.91 0.00	34.41 1.86 0.00	38.64 1.93 0.00	44.23 2.10 0.00	41.31 1.90 0.00	40.63 1.79 0.00	41.74 1.81 0.00	43.94 1.92 0.00	47.12 2.04 0.00	47.69 2.07 0.00	54.25 2.56 0.00	53.66 2.69 0.00	61.21 2.83 0.00	60.24 2.61 0.00	63.74 2.50 0.00	56.01 2.24 0.00	57.10 2.13 0.00	54.70 1.66 0.00
HARSNRAD_115KV_TB1 81005	41.53 -4.19 0.00	34.38 -3.16 0.00	30.40 -2.87 0.00	28.83 -2.39 0.00	26.27 -2.21 0.00	28.62 -2.49 0.00	30.37 -2.69 0.00	29.38 -3.17 0.00	33.29 -3.43 0.00	38.17 -3.96 0.00	32.83 -3.45 3.13	35.30 -3.54 0.00	36.40 -3.53 0.00	38.43 -3.60 0.00	41.39 -3.69 0.00	42.12 -3.49 0.00	47.69 -4.00 0.00	47.27 -3.70 0.00	54.00 -4.38 0.00	53.07 -4.57 0.00	55.97 -5.27 0.00	49.14 -4.64 0.00	50.99 -3.98 0.00	49.46 -3.59 0.00
HARZA MOOSE___RIVER 24016	45.64 -0.09 0.00	37.60 0.07 0.00	33.08 -0.19 0.00	31.75 -0.26 -0.79	29.71 -0.31 -1.54	32.38 -0.36 -1.63	34.40 -0.34 -1.68	33.95 -0.26 -1.66	38.23 -0.28 -1.80	43.85 -0.25 -1.97	41.07 -0.22 -1.88	40.53 -0.17 -1.86	41.71 -0.12 -1.90	43.95 -0.03 -1.96	47.08 -0.05 -2.05	46.32 0.19 -0.52	52.36 0.49 -0.18	51.76 0.79 0.00	59.27 0.89 0.00	59.06 1.42 0.00	62.82 1.59 0.00	55.04 1.27 0.00	56.31 1.34 0.00	54.32 1.28 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.56 -1.17 0.00	36.63 -0.91 0.00	32.43 -0.84 0.00	30.50 -0.73 0.00	27.90 -0.58 0.00	30.40 -0.72 0.00	32.28 -0.78 0.00	31.80 -0.76 0.00	35.84 -0.88 0.00	41.13 -1.00 0.00	38.46 -0.95 0.00	37.95 -0.88 0.00	39.07 -0.86 0.00	41.16 -0.87 0.00	44.15 -0.92 0.00	44.72 -0.90 0.00	50.77 -0.92 0.00	50.15 -0.82 0.00	57.38 -1.00 0.00	56.54 -1.10 0.00	59.89 -1.34 0.00	52.51 -1.26 0.00	53.69 -1.29 0.00	51.72 -1.33 0.00
HELLGATE_13_KV_LD 55870	48.67 2.95 0.00	40.08 2.54 0.00	35.61 2.33 0.00	33.23 2.01 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.73 2.18 0.00	39.03 2.32 0.00	44.65 2.52 0.00	41.75 2.34 0.00	41.03 2.19 0.00	42.12 2.19 0.00	44.25 2.22 0.00	47.29 2.21 0.00	47.81 2.20 0.00	54.22 2.54 0.00	53.68 2.71 0.00	61.16 2.78 0.00	60.25 2.61 0.00	63.62 2.39 0.00	56.06 2.29 0.00	57.16 2.19 0.00	54.77 1.73 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.67 2.95 0.00	40.08 2.54 0.00	35.61 2.33 0.00	33.23 2.01 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.73 2.18 0.00	39.03 2.32 0.00	44.65 2.52 0.00	41.75 2.34 0.00	41.03 2.19 0.00	42.12 2.19 0.00	44.25 2.22 0.00	47.29 2.21 0.00	47.81 2.20 0.00	54.22 2.54 0.00	53.68 2.71 0.00	61.16 2.78 0.00	60.25 2.61 0.00	63.62 2.39 0.00	56.06 2.29 0.00	57.16 2.19 0.00	54.77 1.73 0.00
HEMPSTEAD____ 23647	48.93 3.21 0.00	40.21 2.68 0.00	35.78 2.51 0.00	33.33 2.11 0.00	30.41 1.93 0.00	33.30 2.19 0.00	35.44 2.39 0.00	34.84 2.29 0.00	39.19 2.47 0.00	44.97 2.84 0.00	41.92 2.51 0.00	41.12 2.28 0.00	42.13 2.19 0.00	44.51 2.48 0.00	47.60 2.53 0.00	48.25 2.63 0.00	54.91 3.19 -0.04	54.21 3.24 0.00	61.60 3.23 0.00	60.92 3.29 0.00	64.23 3.00 0.00	56.62 2.84 0.00	57.73 2.75 0.00	55.08 2.03 0.00
HEWLETT_69_KV_BK3 55828	49.37 3.64 0.00	40.58 3.05 0.00	36.09 2.82 0.00	33.62 2.40 0.00	30.67 2.18 0.00	33.58 2.47 0.00	35.73 2.67 0.00	35.12 2.57 0.00	39.50 2.79 0.00	45.34 3.21 0.00	42.26 2.85 0.00	41.47 2.63 0.00	42.47 2.54 0.00	44.87 2.85 0.00	48.00 2.92 0.00	48.69 3.07 0.00	55.50 3.77 -0.04	54.78 3.81 0.00	62.24 3.87 0.00	61.50 3.86 0.00	64.87 3.64 0.00	57.17 3.39 0.00	58.21 3.24 0.00	55.56 2.51 0.00
HICKLING___1 23621	44.13 -1.60 0.00	36.52 -1.02 0.00	32.19 -1.09 0.00	30.22 -1.00 0.00	27.57 -0.92 0.00	30.04 -1.07 0.00	31.99 -1.07 0.00	31.62 -0.93 0.00	35.63 -1.09 0.00	40.78 -1.35 0.00	27.56 -1.59 10.26	37.55 -1.28 0.00	38.77 -1.17 0.00	41.02 -1.01 0.00	44.03 -1.04 0.00	44.73 -0.88 0.00	50.91 -0.78 0.00	50.35 -0.62 0.00	57.98 -0.40 0.00	57.11 -0.53 0.00	60.53 -0.70 0.00	52.98 -0.80 0.00	54.35 -0.62 0.00	52.44 -0.60 0.00
HICKLING___2 23622	44.13 -1.60 0.00	36.52 -1.02 0.00	32.19 -1.09 0.00	30.22 -1.00 0.00	27.57 -0.92 0.00	30.04 -1.07 0.00	31.99 -1.07 0.00	31.62 -0.93 0.00	35.63 -1.09 0.00	40.78 -1.35 0.00	27.56 -1.59 10.26	37.55 -1.28 0.00	38.77 -1.17 0.00	41.02 -1.01 0.00	44.03 -1.04 0.00	44.73 -0.88 0.00	50.91 -0.78 0.00	50.35 -0.62 0.00	57.98 -0.40 0.00	57.11 -0.53 0.00	60.53 -0.70 0.00	52.98 -0.80 0.00	54.35 -0.62 0.00	52.44 -0.60 0.00
HIGH FALLS___HY 23754	49.64 3.91 0.00	40.77 3.24 0.00	36.16 2.89 0.00	33.72 2.50 0.00	30.74 2.26 0.00	33.68 2.57 0.00	35.90 2.84 0.00	35.35 2.80 0.00	39.73 3.02 0.00	45.35 3.22 0.00	42.13 2.72 0.00	41.33 2.50 0.00	42.45 2.52 0.00	44.96 2.94 0.00	48.31 3.23 0.00	49.02 3.41 0.00	55.92 4.23 0.00	55.37 4.40 0.00	63.11 4.73 0.00	62.10 4.46 0.00	65.57 4.34 0.00	57.54 3.77 0.00	58.55 3.58 0.00	55.97 2.93 0.00
HIGH_RIVER___SOLAR 323847	47.50 1.78 0.00	38.96 1.42 0.00	34.54 1.27 0.00	32.36 1.14 0.00	29.51 1.03 0.00	32.26 1.15 0.00	34.32 1.26 0.00	33.82 1.27 0.00	38.14 1.43 0.00	43.75 1.62 0.00	40.87 1.45 0.00	40.28 1.44 0.00	41.41 1.48 0.00	43.55 1.52 0.00	46.74 1.66 0.00	47.37 1.76 0.00	53.81 2.13 0.00	53.15 2.19 0.00	60.76 2.39 0.00	59.88 2.25 0.00	63.51 2.28 0.00	55.74 1.97 0.00	56.91 1.94 0.00	54.76 1.72 0.00

HILLBURN___GT 23639	48.18 2.46 0.00	39.61 2.08 0.00	35.19 1.92 0.00	32.82 1.60 0.00	29.93 1.44 0.00	32.76 1.65 0.00	34.89 1.83 0.00	34.29 1.75 0.00	38.51 1.79 0.00	44.09 1.96 0.00	41.20 1.78 0.00	40.49 1.65 0.00	41.60 1.66 0.00	43.78 1.75 0.00	46.91 1.83 0.00	47.45 1.84 0.00	53.95 2.26 0.00	53.35 2.39 0.00	60.86 2.48 0.00	59.89 2.26 0.00	63.39 2.16 0.00	55.75 1.98 0.00	56.84 1.87 0.00	54.47 1.43 0.00
HILLSIDE_115KV_TB1 80332	44.01 -1.72 0.00	36.43 -1.11 0.00	32.09 -1.18 0.00	30.11 -1.11 0.00	27.46 -1.02 0.00	29.93 -1.19 0.00	31.86 -1.20 0.00	31.55 -1.00 0.00	35.55 -1.17 0.00	40.71 -1.42 0.00	27.95 -1.74 9.71	37.50 -1.34 0.00	38.69 -1.25 0.00	40.88 -1.15 0.00	43.83 -1.25 0.00	44.45 -1.16 0.00	50.56 -1.12 0.00	49.95 -1.02 0.00	57.45 -0.93 0.00	56.57 -1.06 0.00	59.90 -1.34 0.00	52.43 -1.34 0.00	53.74 -1.23 0.00	51.83 -1.22 0.00
HISHELDN_WT_PWR 323625	41.57 -4.16 0.00	34.39 -3.15 0.00	30.38 -2.89 0.00	28.73 -2.49 0.00	26.21 -2.27 0.00	28.54 -2.57 0.00	30.22 -2.83 0.00	29.48 -3.07 0.00	33.36 -3.35 0.00	38.25 -3.88 0.00	31.18 -3.56 4.68	35.29 -3.54 0.00	36.56 -3.38 0.00	38.81 -3.22 0.00	41.84 -3.23 0.00	42.70 -2.91 0.00	48.52 -3.17 0.00	48.15 -2.82 0.00	55.38 -3.00 0.00	54.62 -3.02 0.00	57.82 -3.41 0.00	50.76 -3.01 0.00	52.48 -2.49 0.00	50.80 -2.24 0.00
HOLTSVILLE_IC_1 23690	49.50 3.78 0.00	40.61 3.07 0.00	36.18 2.91 0.00	33.67 2.45 0.00	30.73 2.25 0.00	33.65 2.54 0.00	35.80 2.74 0.00	35.19 2.64 0.00	39.62 2.91 0.00	45.49 3.36 0.00	42.39 2.98 0.00	41.47 2.63 0.00	42.42 2.48 0.00	44.88 2.85 0.00	47.91 2.83 0.00	48.66 3.05 0.00	55.57 3.84 -0.04	54.89 3.92 0.00	62.21 3.84 0.00	61.57 3.93 0.00	64.96 3.73 0.00	57.13 3.35 0.00	58.31 3.34 0.00	55.54 2.50 0.00
HOLTSVILLE_IC_10 23699	49.75 4.02 0.00	40.81 3.27 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.97 2.91 0.00	35.36 2.81 0.00	39.81 3.10 0.00	45.71 3.59 0.00	42.59 3.18 0.00	41.64 2.80 0.00	42.60 2.66 0.00	45.09 3.06 0.00	48.15 3.08 0.00	48.93 3.31 0.00	55.92 4.20 -0.04	55.30 4.33 0.00	62.68 4.30 0.00	62.01 4.37 0.00	65.40 4.17 0.00	57.50 3.72 0.00	58.65 3.68 0.00	55.86 2.81 0.00
HOLTSVILLE_IC_2 23691	49.50 3.78 0.00	40.61 3.07 0.00	36.18 2.91 0.00	33.67 2.45 0.00	30.73 2.25 0.00	33.65 2.54 0.00	35.80 2.74 0.00	35.19 2.64 0.00	39.62 2.91 0.00	45.49 3.36 0.00	42.39 2.98 0.00	41.47 2.63 0.00	42.42 2.48 0.00	44.88 2.85 0.00	47.91 2.83 0.00	48.66 3.05 0.00	55.57 3.84 -0.04	54.89 3.92 0.00	62.21 3.84 0.00	61.57 3.93 0.00	64.96 3.73 0.00	57.13 3.35 0.00	58.31 3.34 0.00	55.54 2.50 0.00
HOLTSVILLE_IC_3 23692	49.50 3.78 0.00	40.61 3.07 0.00	36.18 2.91 0.00	33.67 2.45 0.00	30.73 2.25 0.00	33.65 2.54 0.00	35.80 2.74 0.00	35.19 2.64 0.00	39.62 2.91 0.00	45.49 3.36 0.00	42.39 2.98 0.00	41.47 2.63 0.00	42.42 2.48 0.00	44.88 2.85 0.00	47.91 2.83 0.00	48.66 3.05 0.00	55.57 3.84 -0.04	54.89 3.92 0.00	62.21 3.84 0.00	61.57 3.93 0.00	64.96 3.73 0.00	57.13 3.35 0.00	58.31 3.34 0.00	55.54 2.50 0.00
HOLTSVILLE_IC_4 23693	49.50 3.78 0.00	40.61 3.07 0.00	36.18 2.91 0.00	33.67 2.45 0.00	30.73 2.25 0.00	33.65 2.54 0.00	35.80 2.74 0.00	35.19 2.64 0.00	39.62 2.91 0.00	45.49 3.36 0.00	42.39 2.98 0.00	41.47 2.63 0.00	42.42 2.48 0.00	44.88 2.85 0.00	47.91 2.83 0.00	48.66 3.05 0.00	55.57 3.84 -0.04	54.89 3.92 0.00	62.21 3.84 0.00	61.57 3.93 0.00	64.96 3.73 0.00	57.13 3.35 0.00	58.31 3.34 0.00	55.54 2.50 0.00
HOLTSVILLE_IC_5 23694	49.50 3.78 0.00	40.61 3.07 0.00	36.18 2.91 0.00	33.67 2.45 0.00	30.73 2.25 0.00	33.65 2.54 0.00	35.80 2.74 0.00	35.19 2.64 0.00	39.62 2.91 0.00	45.49 3.36 0.00	42.39 2.98 0.00	41.47 2.63 0.00	42.42 2.48 0.00	44.88 2.85 0.00	47.91 2.83 0.00	48.66 3.05 0.00	55.57 3.84 -0.04	54.89 3.92 0.00	62.21 3.84 0.00	61.57 3.93 0.00	64.96 3.73 0.00	57.13 3.35 0.00	58.31 3.34 0.00	55.54 2.50 0.00
HOLTSVILLE_IC_6 23695	49.75 4.02 0.00	40.81 3.27 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.97 2.91 0.00	35.36 2.81 0.00	39.81 3.10 0.00	45.71 3.59 0.00	42.59 3.18 0.00	41.64 2.80 0.00	42.60 2.66 0.00	45.09 3.06 0.00	48.15 3.08 0.00	48.93 3.31 0.00	55.92 4.20 -0.04	55.30 4.33 0.00	62.68 4.30 0.00	62.01 4.37 0.00	65.40 4.17 0.00	57.50 3.72 0.00	58.65 3.68 0.00	55.86 2.81 0.00
HOLTSVILLE_IC_7 23696	49.75 4.02 0.00	40.81 3.27 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.97 2.91 0.00	35.36 2.81 0.00	39.81 3.10 0.00	45.71 3.59 0.00	42.59 3.18 0.00	41.64 2.80 0.00	42.60 2.66 0.00	45.09 3.06 0.00	48.15 3.08 0.00	48.93 3.31 0.00	55.92 4.20 -0.04	55.30 4.33 0.00	62.68 4.30 0.00	62.01 4.37 0.00	65.40 4.17 0.00	57.50 3.72 0.00	58.65 3.68 0.00	55.86 2.81 0.00
HOLTSVILLE_IC_8 23697	49.75 4.02 0.00	40.81 3.27 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.97 2.91 0.00	35.36 2.81 0.00	39.81 3.10 0.00	45.71 3.59 0.00	42.59 3.18 0.00	41.64 2.80 0.00	42.60 2.66 0.00	45.09 3.06 0.00	48.15 3.08 0.00	48.93 3.31 0.00	55.92 4.20 -0.04	55.30 4.33 0.00	62.68 4.30 0.00	62.01 4.37 0.00	65.40 4.17 0.00	57.50 3.72 0.00	58.65 3.68 0.00	55.86 2.81 0.00
HOLTSVILLE_IC_9 23698	49.75 4.02 0.00	40.81 3.27 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.97 2.91 0.00	35.36 2.81 0.00	39.81 3.10 0.00	45.71 3.59 0.00	42.59 3.18 0.00	41.64 2.80 0.00	42.60 2.66 0.00	45.09 3.06 0.00	48.15 3.08 0.00	48.93 3.31 0.00	55.92 4.20 -0.04	55.30 4.33 0.00	62.68 4.30 0.00	62.01 4.37 0.00	65.40 4.17 0.00	57.50 3.72 0.00	58.65 3.68 0.00	55.86 2.81 0.00
HOMER_HL_115KV_TB2 355744	44.37 -1.35 0.00	36.64 -0.90 0.00	32.46 -0.82 0.00	30.64 -0.58 0.00	27.89 -0.59 0.00	30.28 -0.83 0.00	31.90 -1.16 0.00	31.03 -1.52 0.00	35.14 -1.58 0.00	40.42 -1.71 0.00	33.61 -1.28 4.52	37.56 -1.28 0.00	38.83 -1.10 0.00	40.96 -1.07 0.00	44.00 -1.08 0.00	44.68 -0.94 0.00	50.50 -1.19 0.00	49.71 -1.26 0.00	56.93 -1.45 0.00	56.04 -1.59 0.00	59.26 -1.97 0.00	52.21 -1.57 0.00	54.26 -0.72 0.00	52.51 -0.53 0.00
HOWARD_WT_PWR 323690	41.39 -4.33 0.00	34.17 -3.37 0.00	30.16 -3.12 0.00	28.42 -2.80 0.00	25.93 -2.55 0.00	28.23 -2.88 0.00	29.99 -3.07 0.00	29.53 -3.02 0.00	33.37 -3.34 0.00	38.12 -4.01 0.00	25.91 -3.88 9.62	35.03 -3.81 0.00	36.41 -3.53 0.00	38.87 -3.16 0.00	42.08 -3.00 0.00	43.22 -2.40 0.00	49.19 -2.50 0.00	49.07 -1.90 0.00	56.68 -1.70 0.00	56.49 -1.15 0.00	60.50 -0.73 0.00	53.19 -0.58 0.00	54.61 -0.36 0.00	52.76 -0.29 0.00

HQ_GEN_CEDARS 23644	45.92 0.19 0.00	37.68 0.15 0.00	33.33 0.06 0.00	32.63 0.02 -1.38	31.04 -0.12 -2.69	33.82 -0.14 -2.84	35.81 -0.18 -2.93	35.24 -0.22 -2.91	39.74 -0.11 -3.14	45.52 -0.05 -3.44	42.78 0.08 -3.29	42.17 0.07 -3.26	43.28 0.03 -3.31	45.42 -0.04 -3.43	48.57 -0.09 -3.59	46.52 0.00 -0.90	51.82 -0.19 -0.32	50.73 -0.24 0.00	58.34 -0.03 0.00	57.93 0.29 0.00	61.94 0.71 0.00	54.54 0.76 0.00	56.01 1.04 0.00	54.54 1.50 0.00
HQ_GEN_CEDARS_PROXY 323590	45.92 0.20 0.00	37.68 0.15 0.00	33.33 0.06 0.00	32.63 0.02 -1.38	31.04 -0.12 -2.69	33.82 -0.14 -2.84	35.81 -0.18 -2.93	35.24 -0.22 -2.91	39.74 -0.11 -3.14	45.52 -0.04 -3.44	42.78 0.08 -3.29	42.17 0.07 -3.26	43.28 0.03 -3.31	45.42 -0.04 -3.43	48.57 -0.09 -3.59	46.51 -0.01 -0.90	51.82 -0.19 -0.32	50.74 -0.23 0.00	58.35 -0.03 0.00	57.93 0.29 0.00	61.94 0.71 0.00	54.54 0.76 0.00	56.01 1.04 0.00	54.54 1.50 0.00
HQ_GEN_IMPORT 323601	45.72 0.00 0.00	37.49 -0.05 0.00	33.21 -0.06 0.00	31.16 -0.06 0.00	28.35 -0.13 0.00	31.01 -0.10 0.00	32.95 -0.10 0.00	32.42 -0.13 0.00	36.69 -0.03 0.00	42.12 -0.01 0.00	39.45 0.04 0.00	41.09 0.03 -2.22	39.14 0.02 0.81	42.01 -0.01 0.00	45.07 0.00 0.00	45.66 0.04 0.00	51.59 -0.10 0.00	50.74 -0.22 0.00	58.30 -0.08 0.00	57.76 0.13 0.00	61.64 0.41 0.00	54.15 0.38 0.00	56.45 0.47 -1.01	53.76 0.72 0.00
HQ_GEN_WHEEL 23651	45.72 0.00 0.00	37.49 -0.05 0.00	33.21 -0.06 0.00	31.16 -0.06 0.00	28.35 -0.13 0.00	31.01 -0.10 0.00	32.95 -0.10 0.00	32.42 -0.13 0.00	36.69 -0.03 0.00	42.12 -0.01 0.00	39.45 0.04 0.00	41.09 0.03 -2.22	39.14 0.02 0.81	42.01 -0.01 0.00	45.07 0.00 0.00	45.66 0.04 0.00	51.59 -0.10 0.00	50.74 -0.22 0.00	58.30 -0.08 0.00	57.76 0.13 0.00	61.64 0.41 0.00	54.15 0.38 0.00	56.45 0.47 -1.01	53.76 0.72 0.00
HUDSON AVE_GT_3 23810	48.72 2.99 0.00	40.07 2.54 0.00	35.59 2.32 0.00	33.20 1.98 0.00	30.28 1.80 0.00	33.16 2.05 0.00	35.29 2.23 0.00	34.74 2.18 0.00	39.03 2.31 0.00	44.68 2.55 0.00	41.75 2.34 0.00	41.05 2.21 0.00	42.15 2.22 0.00	44.31 2.29 0.00	47.39 2.31 0.00	47.87 2.26 0.00	54.36 2.67 0.00	53.77 2.80 0.00	61.27 2.89 0.00	60.32 2.69 0.00	63.70 2.46 0.00	56.13 2.35 0.00	57.21 2.24 0.00	54.81 1.77 0.00
HUDSON AVE_GT_4 23540	48.72 2.99 0.00	40.07 2.54 0.00	35.59 2.32 0.00	33.20 1.98 0.00	30.28 1.80 0.00	33.16 2.05 0.00	35.29 2.23 0.00	34.74 2.18 0.00	39.03 2.31 0.00	44.68 2.55 0.00	41.75 2.34 0.00	41.05 2.21 0.00	42.15 2.22 0.00	44.31 2.29 0.00	47.39 2.31 0.00	47.87 2.26 0.00	54.36 2.67 0.00	53.77 2.80 0.00	61.27 2.89 0.00	60.32 2.69 0.00	63.70 2.46 0.00	56.13 2.35 0.00	57.21 2.24 0.00	54.81 1.77 0.00
HUDSON AVE_GT_5 23657	48.72 2.99 0.00	40.07 2.54 0.00	35.59 2.32 0.00	33.20 1.98 0.00	30.28 1.80 0.00	33.16 2.05 0.00	35.29 2.23 0.00	34.74 2.18 0.00	39.03 2.31 0.00	44.68 2.55 0.00	41.75 2.34 0.00	41.05 2.21 0.00	42.15 2.22 0.00	44.31 2.29 0.00	47.39 2.31 0.00	47.87 2.26 0.00	54.36 2.67 0.00	53.77 2.80 0.00	61.27 2.89 0.00	60.32 2.69 0.00	63.70 2.46 0.00	56.13 2.35 0.00	57.21 2.24 0.00	54.81 1.77 0.00
HUDSON_AVE_10 24168	48.52 2.79 0.00	39.89 2.36 0.00	35.44 2.17 0.00	33.10 1.88 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.19 2.13 0.00	34.63 2.08 0.00	38.88 2.17 0.00	44.51 2.38 0.00	41.60 2.19 0.00	40.90 2.07 0.00	42.00 2.06 0.00	44.15 2.12 0.00	47.21 2.13 0.00	47.68 2.06 0.00	54.13 2.45 0.00	53.57 2.60 0.00	61.04 2.66 0.00	60.08 2.45 0.00	63.45 2.22 0.00	55.90 2.13 0.00	56.99 2.02 0.00	54.58 1.54 0.00
HUDSON___115KV_TB 4 355613	48.39 2.67 0.00	39.82 2.28 0.00	35.38 2.10 0.00	33.17 1.95 0.00	30.30 1.82 0.00	33.09 1.98 0.00	35.20 2.14 0.00	34.73 2.18 0.00	39.09 2.38 0.00	44.80 2.67 0.00	41.71 2.29 0.00	40.98 2.14 0.00	42.34 2.40 0.00	44.64 2.61 0.00	47.83 2.75 0.00	48.21 2.60 0.00	54.75 3.07 0.00	54.09 3.12 0.00	61.78 3.40 0.00	60.78 3.14 0.00	64.33 3.10 0.00	56.40 2.62 0.00	57.53 2.56 0.00	55.45 2.40 0.00
HUNTER MOUNT___DRP 323613	48.74 3.01 0.00	40.02 2.49 0.00	35.56 2.29 0.00	33.35 2.13 0.00	30.45 1.97 0.00	33.27 2.16 0.00	35.39 2.33 0.00	34.94 2.39 0.00	39.36 2.64 0.00	45.11 2.98 0.00	41.97 2.56 0.00	41.25 2.41 0.00	42.64 2.70 0.00	44.95 2.92 0.00	48.17 3.10 0.00	48.64 3.03 0.00	55.22 3.54 0.00	54.54 3.57 0.00	62.31 3.93 0.00	61.25 3.62 0.00	64.82 3.59 0.00	56.78 3.01 0.00	57.91 2.94 0.00	55.79 2.75 0.00
HUNTINGTON_RES_REC 323705	49.47 3.74 0.00	40.57 3.04 0.00	36.15 2.87 0.00	33.64 2.42 0.00	30.70 2.22 0.00	33.62 2.51 0.00	35.78 2.72 0.00	35.16 2.61 0.00	39.59 2.87 0.00	45.46 3.33 0.00	42.36 2.95 0.00	41.46 2.63 0.00	42.44 2.51 0.00	44.91 2.88 0.00	47.97 2.89 0.00	48.72 3.11 0.00	55.66 3.93 -0.04	55.00 4.03 0.00	62.37 3.99 0.00	61.70 4.06 0.00	65.09 3.86 0.00	57.27 3.49 0.00	58.37 3.39 0.00	55.58 2.54 0.00
HUNTLEY___63 23557	41.92 -3.81 0.00	34.70 -2.84 0.00	30.67 -2.60 0.00	29.07 -2.15 0.00	26.48 -2.00 0.00	28.87 -2.24 0.00	30.63 -2.43 0.00	29.64 -2.91 0.00	33.59 -3.12 0.00	38.51 -3.62 0.00	32.97 -3.14 3.30	35.63 -3.21 0.00	36.77 -3.16 0.00	38.84 -3.19 0.00	41.83 -3.25 0.00	42.56 -3.05 0.00	48.18 -3.51 0.00	47.78 -3.19 0.00	54.57 -3.80 0.00	53.63 -4.01 0.00	56.58 -4.65 0.00	49.68 -4.10 0.00	51.52 -3.45 0.00	49.97 -3.07 0.00
HUNTLEY___64 23558	41.92 -3.81 0.00	34.70 -2.84 0.00	30.67 -2.60 0.00	29.07 -2.15 0.00	26.48 -2.00 0.00	28.87 -2.24 0.00	30.63 -2.43 0.00	29.64 -2.91 0.00	33.59 -3.12 0.00	38.51 -3.62 0.00	32.97 -3.14 3.30	35.63 -3.21 0.00	36.77 -3.16 0.00	38.84 -3.19 0.00	41.83 -3.25 0.00	42.56 -3.05 0.00	48.18 -3.51 0.00	47.78 -3.19 0.00	54.57 -3.80 0.00	53.63 -4.01 0.00	56.58 -4.65 0.00	49.68 -4.10 0.00	51.52 -3.45 0.00	49.97 -3.07 0.00
HUNTLEY___65 23559	41.92 -3.81 0.00	34.70 -2.84 0.00	30.67 -2.60 0.00	29.07 -2.15 0.00	26.48 -2.00 0.00	28.87 -2.24 0.00	30.63 -2.43 0.00	29.64 -2.91 0.00	33.59 -3.12 0.00	38.51 -3.62 0.00	32.97 -3.14 3.30	35.63 -3.21 0.00	36.77 -3.16 0.00	38.84 -3.19 0.00	41.83 -3.25 0.00	42.56 -3.05 0.00	48.18 -3.51 0.00	47.78 -3.19 0.00	54.57 -3.80 0.00	53.63 -4.01 0.00	56.58 -4.65 0.00	49.68 -4.10 0.00	51.52 -3.45 0.00	49.97 -3.07 0.00
HUNTLEY___66 23560	41.92 -3.81 0.00	34.70 -2.84 0.00	30.67 -2.60 0.00	29.07 -2.15 0.00	26.48 -2.00 0.00	28.87 -2.24 0.00	30.63 -2.43 0.00	29.64 -2.91 0.00	33.59 -3.12 0.00	38.51 -3.62 0.00	32.97 -3.14 3.30	35.63 -3.21 0.00	36.77 -3.16 0.00	38.84 -3.19 0.00	41.83 -3.25 0.00	42.56 -3.05 0.00	48.18 -3.51 0.00	47.78 -3.19 0.00	54.57 -3.80 0.00	53.63 -4.01 0.00	56.58 -4.65 0.00	49.68 -4.10 0.00	51.52 -3.45 0.00	49.97 -3.07 0.00

HUNTLEY___67 23561	41.74 -3.98 0.00	34.55 -2.99 0.00	30.54 -2.73 0.00	28.94 -2.28 0.00	26.37 -2.11 0.00	28.74 -2.37 0.00	30.49 -2.57 0.00	29.54 -3.01 0.00	33.46 -3.26 0.00	38.35 -3.78 0.00	32.63 -3.35 3.43	35.46 -3.38 0.00	36.62 -3.32 0.00	38.68 -3.34 0.00	41.63 -3.45 0.00	42.38 -3.23 0.00	47.98 -3.70 0.00	47.57 -3.40 0.00	54.39 -3.99 0.00	53.47 -4.17 0.00	56.44 -4.79 0.00	49.53 -4.24 0.00	51.36 -3.62 0.00	49.81 -3.23 0.00
HUNTLEY___68 23562	41.74 -3.98 0.00	34.55 -2.99 0.00	30.54 -2.73 0.00	28.94 -2.28 0.00	26.37 -2.11 0.00	28.74 -2.37 0.00	30.49 -2.57 0.00	29.54 -3.01 0.00	33.46 -3.26 0.00	38.35 -3.78 0.00	32.63 -3.35 3.43	35.46 -3.38 0.00	36.62 -3.32 0.00	38.68 -3.34 0.00	41.63 -3.45 0.00	42.38 -3.23 0.00	47.98 -3.70 0.00	47.57 -3.40 0.00	54.39 -3.99 0.00	53.47 -4.17 0.00	56.44 -4.79 0.00	49.53 -4.24 0.00	51.36 -3.62 0.00	49.81 -3.23 0.00
HYLAND___LFGE 323620	44.74 -0.98 0.00	36.90 -0.63 0.00	32.60 -0.68 0.00	30.72 -0.50 0.00	28.04 -0.44 0.00	30.57 -0.54 0.00	32.46 -0.60 0.00	31.91 -0.65 0.00	36.12 -0.59 0.00	41.38 -0.75 0.00	33.20 -0.77 5.43	37.96 -0.88 0.00	39.27 -0.67 0.00	41.59 -0.44 0.00	44.72 -0.35 0.00	45.72 0.11 0.00	52.22 0.53 0.00	51.81 0.84 0.00	59.55 1.18 0.00	58.68 1.05 0.00	62.21 0.97 0.00	54.35 0.58 0.00	55.81 0.83 0.00	53.74 0.69 0.00
INDECK___CORINTH 23802	48.38 2.66 0.00	39.61 2.08 0.00	35.12 1.85 0.00	32.79 1.57 0.00	29.85 1.36 0.00	32.66 1.55 0.00	35.01 1.95 0.00	34.59 2.04 0.00	39.02 2.30 0.00	44.77 2.65 0.00	41.82 2.41 0.00	41.38 2.54 0.00	42.54 2.60 0.00	44.69 2.66 0.00	47.76 2.68 0.00	48.31 2.70 0.00	54.91 3.22 0.00	54.25 3.28 0.00	61.87 3.49 0.00	60.82 3.18 0.00	64.35 3.12 0.00	56.49 2.72 0.00	57.51 2.54 0.00	55.19 2.15 0.00
INDECK___ILION 23567	46.46 0.74 0.00	38.12 0.58 0.00	33.82 0.55 0.00	31.70 0.48 0.00	28.92 0.44 0.00	31.59 0.49 0.00	33.58 0.52 0.00	33.13 0.58 0.00	37.35 0.63 0.00	42.80 0.67 0.00	39.95 0.54 0.00	39.37 0.53 0.00	40.47 0.54 0.00	42.60 0.57 0.00	45.68 0.60 0.00	46.12 0.51 0.00	52.34 0.65 0.00	51.66 0.69 0.00	59.15 0.77 0.00	58.29 0.66 0.00	61.77 0.54 0.00	54.29 0.52 0.00	55.43 0.46 0.00	53.31 0.27 0.00
INDECK___OLEAN 23982	44.37 -1.35 0.00	36.63 -0.90 0.00	32.46 -0.81 0.00	30.62 -0.60 0.00	27.90 -0.58 0.00	30.28 -0.83 0.00	31.82 -1.23 0.00	31.04 -1.51 0.00	35.15 -1.57 0.00	40.43 -1.70 0.00	33.61 -1.28 4.52	37.56 -1.27 0.00	38.84 -1.09 0.00	40.97 -1.05 0.00	44.00 -1.08 0.00	44.66 -0.95 0.00	50.49 -1.19 0.00	49.71 -1.26 0.00	56.93 -1.45 0.00	56.05 -1.58 0.00	59.26 -1.97 0.00	52.21 -1.56 0.00	54.25 -0.72 0.00	52.51 -0.53 0.00
INDECK___OSWEGO 23783	44.10 -1.63 0.00	36.24 -1.29 0.00	32.08 -1.19 0.00	30.15 -1.07 0.00	27.60 -0.88 0.00	30.06 -1.05 0.00	31.90 -1.16 0.00	31.45 -1.10 0.00	35.44 -1.28 0.00	40.68 -1.45 0.00	38.04 -1.38 0.00	37.53 -1.31 0.00	38.59 -1.34 0.00	40.65 -1.38 0.00	43.62 -1.46 0.00	44.20 -1.42 0.00	50.20 -1.48 0.00	49.60 -1.37 0.00	56.76 -1.62 0.00	56.02 -1.62 0.00	59.39 -1.84 0.00	52.08 -1.69 0.00	53.23 -1.74 0.00	51.27 -1.77 0.00
INDECK___YERKES 23781	41.95 -3.78 0.00	34.70 -2.84 0.00	30.68 -2.59 0.00	29.06 -2.16 0.00	26.52 -1.97 0.00	28.88 -2.22 0.00	30.55 -2.51 0.00	29.67 -2.88 0.00	33.63 -3.08 0.00	38.56 -3.57 0.00	32.99 -3.12 3.30	35.66 -3.18 0.00	36.81 -3.13 0.00	38.88 -3.14 0.00	41.85 -3.23 0.00	42.58 -3.04 0.00	48.20 -3.49 0.00	47.82 -3.15 0.00	54.62 -3.76 0.00	53.69 -3.95 0.00	56.63 -4.60 0.00	49.71 -4.07 0.00	51.56 -3.41 0.00	50.00 -3.04 0.00
INDIAN POINT_GT_1 24139	48.31 2.58 0.00	39.71 2.17 0.00	35.26 1.99 0.00	32.91 1.68 0.00	30.00 1.52 0.00	32.84 1.73 0.00	34.96 1.90 0.00	34.39 1.84 0.00	38.64 1.93 0.00	44.24 2.11 0.00	41.33 1.92 0.00	40.62 1.78 0.00	41.71 1.78 0.00	43.89 1.86 0.00	47.01 1.94 0.00	47.55 1.93 0.00	54.04 2.36 0.00	53.45 2.48 0.00	60.96 2.58 0.00	60.01 2.37 0.00	63.45 2.22 0.00	55.82 2.05 0.00	56.92 1.95 0.00	54.53 1.49 0.00
INDIAN POINT_GT_2 23659	48.31 2.58 0.00	39.71 2.17 0.00	35.26 1.99 0.00	32.91 1.68 0.00	30.00 1.52 0.00	32.84 1.73 0.00	34.96 1.90 0.00	34.39 1.84 0.00	38.64 1.93 0.00	44.24 2.11 0.00	41.33 1.92 0.00	40.62 1.78 0.00	41.71 1.78 0.00	43.89 1.86 0.00	47.01 1.94 0.00	47.55 1.93 0.00	54.04 2.36 0.00	53.45 2.48 0.00	60.96 2.58 0.00	60.01 2.37 0.00	63.45 2.22 0.00	55.82 2.05 0.00	56.92 1.95 0.00	54.53 1.49 0.00
INDIAN POINT_GT_3 24019	48.31 2.58 0.00	39.71 2.17 0.00	35.26 1.99 0.00	32.91 1.68 0.00	30.00 1.52 0.00	32.84 1.73 0.00	34.96 1.90 0.00	34.39 1.84 0.00	38.64 1.93 0.00	44.24 2.11 0.00	41.33 1.92 0.00	40.62 1.78 0.00	41.71 1.78 0.00	43.89 1.86 0.00	47.01 1.94 0.00	47.55 1.93 0.00	54.04 2.36 0.00	53.45 2.48 0.00	60.96 2.58 0.00	60.01 2.37 0.00	63.45 2.22 0.00	55.82 2.05 0.00	56.92 1.95 0.00	54.53 1.49 0.00
INDIAN POINT___2 23530	48.21 2.49 0.00	39.64 2.10 0.00	35.21 1.94 0.00	32.85 1.63 0.00	29.95 1.47 0.00	32.79 1.68 0.00	34.91 1.85 0.00	34.33 1.77 0.00	38.55 1.84 0.00	44.15 2.02 0.00	41.23 1.82 0.00	40.54 1.70 0.00	41.63 1.70 0.00	43.80 1.78 0.00	46.92 1.85 0.00	47.46 1.84 0.00	53.94 2.26 0.00	53.35 2.38 0.00	60.83 2.45 0.00	59.88 2.25 0.00	63.35 2.11 0.00	55.72 1.95 0.00	56.82 1.85 0.00	54.45 1.41 0.00
INDIAN POINT___3 23531	48.26 2.53 0.00	39.66 2.12 0.00	35.22 1.95 0.00	32.87 1.65 0.00	29.97 1.49 0.00	32.81 1.70 0.00	34.93 1.86 0.00	34.36 1.81 0.00	38.60 1.88 0.00	44.19 2.06 0.00	41.28 1.87 0.00	40.58 1.75 0.00	41.68 1.74 0.00	43.84 1.82 0.00	46.96 1.89 0.00	47.49 1.87 0.00	53.97 2.28 0.00	53.39 2.42 0.00	60.87 2.50 0.00	59.93 2.30 0.00	63.38 2.15 0.00	55.77 1.99 0.00	56.86 1.88 0.00	54.49 1.44 0.00
INGHAM_C_115KV_TB7 356103	47.10 1.37 0.00	38.60 1.07 0.00	34.31 1.04 0.00	32.13 0.91 0.00	29.27 0.79 0.00	32.00 0.89 0.00	34.01 0.95 0.00	33.60 1.05 0.00	37.85 1.13 0.00	43.29 1.16 0.00	40.32 0.91 0.00	39.72 0.88 0.00	40.78 0.84 0.00	42.92 0.90 0.00	45.99 0.91 0.00	46.35 0.74 0.00	52.64 0.95 0.00	51.93 0.96 0.00	59.47 1.09 0.00	58.57 0.94 0.00	61.88 0.64 0.00	54.51 0.73 0.00	55.61 0.63 0.00	53.37 0.32 0.00
IP CORINTH___1 23988	48.63 2.91 0.00	39.83 2.29 0.00	35.30 2.03 0.00	32.97 1.75 0.00	30.01 1.53 0.00	32.83 1.72 0.00	35.19 2.13 0.00	34.78 2.23 0.00	39.22 2.50 0.00	45.00 2.88 0.00	42.04 2.63 0.00	41.59 2.75 0.00	42.76 2.82 0.00	44.93 2.90 0.00	48.01 2.94 0.00	48.57 2.96 0.00	55.20 3.51 0.00	54.52 3.55 0.00	62.18 3.80 0.00	61.14 3.50 0.00	64.70 3.46 0.00	56.79 3.02 0.00	57.82 2.85 0.00	55.48 2.43 0.00

IP___TICONDEROGA 23804	51.05 5.32 0.00	41.82 4.28 0.00	37.25 3.98 0.00	34.39 3.17 0.00	31.11 2.63 0.00	34.10 2.99 0.00	37.03 3.98 0.00	36.67 4.12 0.00	41.27 4.56 0.00	47.32 5.19 0.00	44.26 4.85 0.00	43.75 4.91 0.00	45.03 5.09 0.00	47.32 5.29 0.00	50.48 5.40 0.00	51.00 5.39 0.00	58.07 6.38 0.00	57.39 6.42 0.00	65.23 6.85 0.00	63.95 6.32 0.00	67.66 6.42 0.00	59.64 5.86 0.00	60.70 5.73 0.00	57.92 4.87 0.00
ISLIP_RES_REC 323679	49.91 4.19 0.00	40.93 3.39 0.00	36.44 3.17 0.00	33.91 2.70 0.00	30.95 2.47 0.00	33.89 2.78 0.00	36.08 3.02 0.00	35.47 2.92 0.00	39.94 3.23 0.00	45.86 3.73 0.00	42.71 3.30 0.00	41.75 2.91 0.00	42.69 2.76 0.00	45.22 3.19 0.00	48.30 3.23 0.00	49.09 3.48 0.00	56.14 4.42 -0.04	55.54 4.56 0.00	62.95 4.58 0.00	62.29 4.65 0.00	65.68 4.45 0.00	57.71 3.94 0.00	58.87 3.90 0.00	56.04 3.00 0.00
JAMAICA__27_KV_LOAD 355505	48.76 3.04 0.00	40.05 2.52 0.00	35.59 2.32 0.00	33.32 2.10 0.00	30.50 2.02 0.00	33.39 2.28 0.00	35.41 2.36 0.00	34.86 2.31 0.00	39.10 2.38 0.00	44.74 2.61 0.00	41.84 2.43 0.00	41.14 2.30 0.00	42.24 2.31 0.00	44.40 2.37 0.00	47.47 2.40 0.00	47.98 2.36 0.00	54.49 2.81 0.00	53.99 3.02 0.00	61.51 3.13 0.00	60.52 2.89 0.00	63.92 2.69 0.00	56.26 2.49 0.00	57.37 2.40 0.00	54.91 1.86 0.00
JANIS___SOLAR 323808	46.83 1.10 0.00	38.50 0.96 0.00	34.06 0.79 0.00	31.96 0.74 0.00	29.16 0.68 0.00	31.83 0.72 0.00	33.97 0.90 0.00	33.67 1.12 0.00	38.07 1.35 0.00	43.46 1.33 0.00	49.25 1.06 -8.78	39.97 1.13 0.00	41.28 1.34 0.00	43.57 1.54 0.00	46.73 1.65 0.00	47.34 1.72 0.00	53.88 2.20 0.00	53.40 2.43 0.00	61.10 2.72 0.00	60.43 2.79 0.00	64.04 2.80 0.00	56.09 2.32 0.00	57.30 2.33 0.00	55.13 2.09 0.00
JARVIS____ 23743	45.90 0.18 0.00	37.69 0.15 0.00	33.40 0.13 0.00	31.34 0.12 0.00	28.60 0.11 0.00	31.23 0.13 0.00	33.19 0.13 0.00	32.69 0.14 0.00	36.85 0.13 0.00	42.26 0.13 0.00	39.53 0.12 0.00	38.96 0.13 0.00	40.07 0.13 0.00	42.19 0.16 0.00	45.26 0.18 0.00	45.77 0.15 0.00	51.87 0.19 0.00	51.18 0.21 0.00	58.59 0.22 0.00	57.81 0.17 0.00	61.35 0.12 0.00	53.89 0.11 0.00	55.08 0.10 0.00	53.05 0.00 0.00
JENNISON___1 23625	46.23 0.50 0.00	38.02 0.48 0.00	33.67 0.40 0.00	31.57 0.35 0.00	28.74 0.26 0.00	31.35 0.24 0.00	33.48 0.42 0.00	33.40 0.85 0.00	37.80 1.08 0.00	43.18 1.05 0.00	42.62 0.80 -2.41	39.67 0.83 0.00	40.73 0.79 0.00	43.05 1.02 0.00	45.93 0.85 0.00	46.53 0.92 0.00	52.99 1.31 0.00	52.54 1.57 0.00	60.00 1.62 0.00	59.90 2.27 0.00	63.76 2.53 0.00	55.95 2.17 0.00	57.26 2.29 0.00	55.12 2.08 0.00
JENNISON___2 23626	46.23 0.50 0.00	38.02 0.48 0.00	33.67 0.40 0.00	31.57 0.35 0.00	28.74 0.26 0.00	31.35 0.24 0.00	33.48 0.42 0.00	33.40 0.85 0.00	37.80 1.08 0.00	43.18 1.05 0.00	42.62 0.80 -2.41	39.67 0.83 0.00	40.73 0.79 0.00	43.05 1.02 0.00	45.93 0.85 0.00	46.53 0.92 0.00	52.99 1.31 0.00	52.54 1.57 0.00	60.00 1.62 0.00	59.90 2.27 0.00	63.76 2.53 0.00	55.95 2.17 0.00	57.26 2.29 0.00	55.12 2.08 0.00
JERICHO_RISE_WT_PWR 323719	45.29 -0.43 0.00	37.10 -0.44 0.00	32.62 -0.65 0.00	3.36 -0.89 26.97	-24.89 -1.00 52.38	-25.35 -1.03 55.42	-25.25 -1.12 57.19	-25.20 -1.08 56.67	-25.55 -1.06 61.21	-25.98 -1.15 66.97	-25.73 -1.04 64.10	-25.69 -1.04 63.49	-25.78 -1.10 64.62	-25.93 -1.21 66.76	-26.13 -1.31 69.90	26.83 -1.12 17.66	44.05 -1.44 6.19	50.04 -0.93 0.00	57.86 -0.52 0.00	57.98 0.34 0.00	62.32 1.09 0.00	54.86 1.09 0.00	56.31 1.34 0.00	54.81 1.77 0.00
KATONAH__115KV_46KV_TB4 355592	48.77 3.05 0.00	40.08 2.55 0.00	35.58 2.31 0.00	33.21 1.99 0.00	30.27 1.79 0.00	33.14 2.03 0.00	35.29 2.23 0.00	34.75 2.20 0.00	39.07 2.35 0.00	44.73 2.60 0.00	41.78 2.37 0.00	41.06 2.22 0.00	42.16 2.22 0.00	44.35 2.33 0.00	47.50 2.42 0.00	48.03 2.41 0.00	54.61 2.93 0.00	54.06 3.10 0.00	61.64 3.26 0.00	60.68 3.04 0.00	64.12 2.89 0.00	56.38 2.61 0.00	57.46 2.49 0.00	55.03 1.98 0.00
KCE_NY_1 323755	48.86 3.14 0.00	40.01 2.47 0.00	35.47 2.20 0.00	33.19 1.97 0.00	30.25 1.77 0.00	33.12 2.01 0.00	35.35 2.29 0.00	34.87 2.32 0.00	39.34 2.62 0.00	45.08 2.95 0.00	42.11 2.70 0.00	41.64 2.81 0.00	42.82 2.89 0.00	45.03 3.00 0.00	48.16 3.09 0.00	48.72 3.11 0.00	55.33 3.64 0.00	54.67 3.70 0.00	62.40 4.02 0.00	61.40 3.76 0.00	64.96 3.73 0.00	57.03 3.26 0.00	58.07 3.10 0.00	55.73 2.69 0.00
KCE_NY_6_ESR 323823	42.43 -3.30 0.00	35.13 -2.41 0.00	31.03 -2.24 0.00	29.35 -1.87 0.00	26.77 -1.71 0.00	29.15 -1.96 0.00	30.85 -2.21 0.00	30.01 -2.54 0.00	34.00 -2.71 0.00	38.97 -3.17 0.00	32.96 -2.78 3.67	36.05 -2.79 0.00	37.25 -2.68 0.00	39.42 -2.61 0.00	42.42 -2.66 0.00	43.26 -2.36 0.00	48.98 -2.71 0.00	48.60 -2.37 0.00	55.72 -2.66 0.00	54.75 -2.88 0.00	57.85 -3.38 0.00	50.79 -2.98 0.00	52.54 -2.43 0.00	50.92 -2.12 0.00
KEDC_PORT_JEFF_GT2 24210	49.71 3.98 0.00	40.77 3.23 0.00	36.31 3.03 0.00	33.79 2.57 0.00	30.83 2.35 0.00	33.76 2.65 0.00	35.93 2.88 0.00	35.33 2.78 0.00	39.78 3.07 0.00	45.69 3.56 0.00	42.56 3.14 0.00	41.62 2.79 0.00	42.58 2.65 0.00	45.06 3.03 0.00	48.12 3.04 0.00	48.89 3.28 0.00	55.91 4.18 -0.04	55.26 4.29 0.00	62.64 4.26 0.00	61.96 4.33 0.00	65.36 4.13 0.00	57.45 3.67 0.00	58.62 3.65 0.00	55.81 2.77 0.00
KEDC_PORT_JEFF_GT3 24211	49.71 3.98 0.00	40.77 3.23 0.00	36.31 3.03 0.00	33.79 2.57 0.00	30.83 2.35 0.00	33.76 2.65 0.00	35.93 2.88 0.00	35.33 2.78 0.00	39.78 3.07 0.00	45.69 3.56 0.00	42.56 3.14 0.00	41.62 2.79 0.00	42.58 2.65 0.00	45.06 3.03 0.00	48.12 3.04 0.00	48.89 3.28 0.00	55.91 4.18 -0.04	55.26 4.29 0.00	62.64 4.26 0.00	61.96 4.33 0.00	65.36 4.13 0.00	57.45 3.67 0.00	58.62 3.65 0.00	55.81 2.77 0.00
KEDC_GLWD_GT4 24219	49.01 3.29 0.00	40.29 2.75 0.00	35.82 2.55 0.00	33.38 2.16 0.00	30.45 1.96 0.00	33.34 2.23 0.00	35.50 2.44 0.00	34.90 2.35 0.00	39.25 2.54 0.00	45.01 2.89 0.00	41.99 2.58 0.00	41.21 2.38 0.00	42.26 2.32 0.00	44.59 2.57 0.00	47.69 2.62 0.00	48.30 2.68 0.00	54.83 3.11 -0.04	54.15 3.17 0.00	61.59 3.21 0.00	60.83 3.19 0.00	64.21 2.98 0.00	56.72 2.94 0.00	57.78 2.81 0.00	55.21 2.17 0.00
KEDC_GLWD_GT5 24220	49.01 3.29 0.00	40.29 2.75 0.00	35.82 2.55 0.00	33.38 2.16 0.00	30.45 1.96 0.00	33.34 2.23 0.00	35.50 2.44 0.00	34.90 2.35 0.00	39.25 2.54 0.00	45.01 2.89 0.00	41.99 2.58 0.00	41.21 2.38 0.00	42.26 2.32 0.00	44.59 2.57 0.00	47.69 2.62 0.00	48.30 2.68 0.00	54.83 3.11 -0.04	54.15 3.17 0.00	61.59 3.21 0.00	60.83 3.19 0.00	64.21 2.98 0.00	56.72 2.94 0.00	57.78 2.81 0.00	55.21 2.17 0.00

KENSICO____ 23655	48.48 2.75 0.00	39.84 2.31 0.00	35.39 2.11 0.00	33.02 1.80 0.00	30.10 1.62 0.00	32.95 1.84 0.00	35.08 2.03 0.00	34.52 1.97 0.00	38.79 2.08 0.00	44.42 2.29 0.00	41.49 2.08 0.00	40.78 1.94 0.00	41.88 1.94 0.00	44.07 2.04 0.00	47.18 2.10 0.00	47.70 2.09 0.00	54.20 2.52 0.00	53.61 2.64 0.00	61.13 2.75 0.00	60.19 2.56 0.00	63.63 2.40 0.00	55.99 2.22 0.00	57.09 2.12 0.00	54.69 1.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.51 3.79 0.00	40.66 3.12 0.00	36.08 2.81 0.00	33.66 2.44 0.00	30.69 2.20 0.00	33.61 2.50 0.00	35.82 2.77 0.00	35.28 2.73 0.00	39.65 2.94 0.00	45.26 3.13 0.00	42.06 2.65 0.00	41.28 2.45 0.00	42.43 2.50 0.00	44.93 2.90 0.00	48.25 3.17 0.00	48.93 3.31 0.00	55.78 4.09 0.00	55.21 4.25 0.00	62.96 4.58 0.00	61.94 4.30 0.00	65.44 4.21 0.00	57.42 3.65 0.00	58.44 3.47 0.00	55.92 2.88 0.00
KIAC_JFK_GT1 23816	48.59 2.86 0.00	39.92 2.38 0.00	35.48 2.21 0.00	33.21 1.99 0.00	30.40 1.93 0.00	33.29 2.18 0.00	35.31 2.25 0.00	34.74 2.19 0.00	38.97 2.25 0.00	44.59 2.46 0.00	41.71 2.30 0.00	41.02 2.18 0.00	42.11 2.18 0.00	44.27 2.24 0.00	47.33 2.25 0.00	47.82 2.21 0.00	54.30 2.62 0.00	53.79 2.83 0.00	61.27 2.89 0.00	60.30 2.66 0.00	63.68 2.45 0.00	56.06 2.29 0.00	57.16 2.19 0.00	54.73 1.69 0.00
KIAC_JFK_GT2 23817	48.59 2.86 0.00	39.92 2.38 0.00	35.48 2.21 0.00	33.21 1.99 0.00	30.40 1.93 0.00	33.29 2.18 0.00	35.31 2.25 0.00	34.74 2.19 0.00	38.97 2.25 0.00	44.59 2.46 0.00	41.71 2.30 0.00	41.02 2.18 0.00	42.11 2.18 0.00	44.27 2.24 0.00	47.33 2.25 0.00	47.82 2.21 0.00	54.30 2.62 0.00	53.79 2.83 0.00	61.27 2.89 0.00	60.30 2.66 0.00	63.68 2.45 0.00	56.06 2.29 0.00	57.16 2.19 0.00	54.73 1.69 0.00
KIAC_JFK____ 323774	48.59 2.87 0.00	39.93 2.39 0.00	35.49 2.22 0.00	33.21 1.99 0.00	30.40 1.93 0.00	33.29 2.18 0.00	35.32 2.26 0.00	34.74 2.19 0.00	38.97 2.26 0.00	44.59 2.46 0.00	41.72 2.31 0.00	41.02 2.18 0.00	42.11 2.18 0.00	44.26 2.24 0.00	47.32 2.25 0.00	47.83 2.21 0.00	54.30 2.62 0.00	53.79 2.82 0.00	61.27 2.89 0.00	60.29 2.66 0.00	63.68 2.45 0.00	56.06 2.29 0.00	57.16 2.19 0.00	54.73 1.68 0.00
KINTIGH____ 23543	41.74 -3.98 0.00	34.48 -3.05 0.00	30.52 -2.76 0.00	28.88 -2.34 0.00	26.33 -2.15 0.00	28.70 -2.41 0.00	30.43 -2.63 0.00	29.58 -2.97 0.00	33.48 -3.23 0.00	38.40 -3.73 0.00	33.49 -3.34 2.58	35.51 -3.33 0.00	36.62 -3.32 0.00	38.62 -3.41 0.00	41.52 -3.55 0.00	42.17 -3.44 0.00	47.74 -3.94 0.00	47.24 -3.72 0.00	53.99 -4.38 0.00	53.08 -4.56 0.00	56.04 -5.19 0.00	49.16 -4.61 0.00	50.88 -4.09 0.00	49.29 -3.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	46.05 0.33 0.00	37.71 0.18 0.00	33.18 -0.09 0.00	5.26 -0.45 25.51	-21.66 -0.61 49.53	-21.93 -0.62 52.41	-21.67 -0.63 54.09	-21.64 -0.60 53.59	-21.70 -0.53 57.89	-21.73 -0.53 63.33	-21.67 -0.47 60.62	-21.67 -0.47 60.04	-21.70 -0.53 61.11	-21.72 -0.62 63.13	-21.75 -0.73 66.10	28.37 -0.54 16.70	45.16 -0.67 5.86	50.89 -0.08 0.00	58.83 0.45 0.00	58.92 1.28 0.00	63.30 2.07 0.00	55.73 1.95 0.00	57.13 2.16 0.00	55.57 2.53 0.00
LACHUTE__HYDRO 323717	51.04 5.32 0.00	41.82 4.28 0.00	37.25 3.98 0.00	34.39 3.17 0.00	31.11 2.63 0.00	34.10 2.99 0.00	37.03 3.97 0.00	36.67 4.12 0.00	41.27 4.56 0.00	47.32 5.19 0.00	44.26 4.85 0.00	43.75 4.91 0.00	45.03 5.09 0.00	47.32 5.29 0.00	50.47 5.40 0.00	51.00 5.39 0.00	58.07 6.38 0.00	57.39 6.42 0.00	65.23 6.85 0.00	63.96 6.32 0.00	67.66 6.42 0.00	59.64 5.86 0.00	60.70 5.73 0.00	57.91 4.87 0.00
LAWRNCV_115KV_TB1 80681	45.72 -0.01 0.00	37.53 -0.01 0.00	33.15 -0.12 0.00	34.55 -0.18 -3.51	34.90 -0.39 -6.81	37.78 -0.54 -7.21	39.81 -0.69 -7.44	39.21 -0.71 -7.37	44.02 -0.66 -7.96	50.28 -0.56 -8.71	47.45 -0.29 -8.34	46.83 -0.26 -8.26	48.03 -0.32 -8.40	50.28 -0.43 -8.68	53.46 -0.71 -9.09	47.29 -0.62 -2.30	51.57 -0.92 -0.81	50.10 -0.86 0.00	57.63 -0.74 0.00	57.36 -0.27 0.00	61.37 0.14 0.00	54.13 0.36 0.00	55.71 0.74 0.00	54.47 1.43 0.00
LEDERLE____ 23769	48.30 2.57 0.00	39.71 2.17 0.00	35.26 1.98 0.00	32.90 1.68 0.00	30.00 1.52 0.00	32.84 1.73 0.00	34.96 1.91 0.00	34.39 1.84 0.00	38.60 1.89 0.00	44.21 2.08 0.00	41.30 1.89 0.00	40.59 1.76 0.00	41.70 1.77 0.00	43.88 1.85 0.00	47.02 1.95 0.00	47.56 1.95 0.00	54.08 2.39 0.00	53.50 2.53 0.00	61.01 2.64 0.00	60.07 2.43 0.00	63.56 2.33 0.00	55.89 2.12 0.00	56.98 2.01 0.00	54.60 1.56 0.00
LIGHTHSE_115KV_TB6 355974	44.43 -1.29 0.00	36.51 -1.02 0.00	32.23 -1.04 0.00	30.25 -0.97 0.00	27.63 -0.85 0.00	30.12 -0.99 0.00	31.94 -1.12 0.00	31.51 -1.04 0.00	35.55 -1.17 0.00	40.90 -1.23 0.00	38.24 -1.18 0.00	37.72 -1.11 0.00	38.79 -1.15 0.00	40.86 -1.17 0.00	43.87 -1.21 0.00	44.55 -1.06 0.00	50.75 -0.94 0.00	50.27 -0.70 0.00	57.48 -0.90 0.00	57.10 -0.53 0.00	60.66 -0.58 0.00	53.17 -0.60 0.00	54.34 -0.63 0.00	52.37 -0.68 0.00
LINDEN COGEN____ 23786	48.32 2.60 0.00	39.75 2.21 0.00	35.32 2.05 0.00	32.94 1.72 0.00	30.05 1.57 0.00	32.90 1.79 0.00	35.04 1.98 0.00	34.46 1.91 0.00	38.72 2.01 0.00	44.32 2.19 0.00	41.41 2.00 0.00	40.72 1.88 0.00	41.81 1.88 0.00	43.95 1.92 0.00	47.02 1.94 0.00	47.51 1.90 0.00	53.94 2.25 0.00	53.32 2.36 0.00	60.75 2.37 0.00	59.78 2.14 0.00	63.12 1.89 0.00	55.64 1.86 0.00	56.72 1.75 0.00	54.35 1.31 0.00
LINDHRST_69_KV_BK1 356055	49.66 3.94 0.00	40.77 3.24 0.00	36.29 3.02 0.00	33.79 2.57 0.00	30.83 2.35 0.00	33.76 2.65 0.00	35.91 2.86 0.00	35.32 2.77 0.00	39.75 3.03 0.00	45.64 3.51 0.00	42.51 3.10 0.00	41.63 2.80 0.00	42.62 2.69 0.00	45.12 3.09 0.00	48.28 3.20 0.00	49.01 3.39 0.00	55.93 4.21 -0.04	55.21 4.24 0.00	62.68 4.30 0.00	62.03 4.39 0.00	65.42 4.18 0.00	57.54 3.77 0.00	58.67 3.70 0.00	55.88 2.84 0.00
LIPA_MISC_IPP 23656	49.64 3.91 0.00	40.71 3.17 0.00	36.22 2.95 0.00	33.72 2.50 0.00	30.77 2.29 0.00	33.69 2.58 0.00	35.85 2.79 0.00	35.27 2.72 0.00	39.70 2.99 0.00	45.58 3.45 0.00	42.45 3.04 0.00	41.48 2.64 0.00	42.40 2.47 0.00	44.92 2.89 0.00	47.95 2.87 0.00	48.73 3.11 0.00	55.76 4.04 -0.04	55.17 4.20 0.00	62.50 4.12 0.00	61.85 4.21 0.00	65.24 4.01 0.00	57.29 3.51 0.00	58.56 3.58 0.00	55.82 2.78 0.00
LISF__SOLAR 323691	49.72 4.00 0.00	40.77 3.23 0.00	36.29 3.02 0.00	33.77 2.55 0.00	30.81 2.33 0.00	33.74 2.64 0.00	35.93 2.87 0.00	35.32 2.77 0.00	39.77 3.06 0.00	45.66 3.53 0.00	42.53 3.11 0.00	41.52 2.68 0.00	42.44 2.51 0.00	44.98 2.96 0.00	48.02 2.95 0.00	48.82 3.21 0.00	55.89 4.16 -0.04	55.29 4.32 0.00	62.63 4.25 0.00	61.97 4.33 0.00	65.37 4.14 0.00	57.40 3.63 0.00	58.66 3.69 0.00	55.92 2.88 0.00

LITTLE FALLS___HYD 24013	47.10 1.37 0.00	38.60 1.07 0.00	34.31 1.04 0.00	32.13 0.91 0.00	29.27 0.79 0.00	32.00 0.89 0.00	34.01 0.95 0.00	33.60 1.05 0.00	37.85 1.13 0.00	43.29 1.16 0.00	40.32 0.91 0.00	39.72 0.88 0.00	40.78 0.84 0.00	42.92 0.90 0.00	45.99 0.91 0.00	46.35 0.74 0.00	52.64 0.95 0.00	51.93 0.96 0.00	59.47 1.09 0.00	58.57 0.94 0.00	61.88 0.64 0.00	54.51 0.73 0.00	55.61 0.63 0.00	53.37 0.32 0.00
LITTLRIV_115KV_TB1 356100	46.28 0.56 0.00	38.02 0.48 0.00	33.57 0.30 0.00	35.30 0.22 -3.86	35.95 -0.02 -7.49	38.89 -0.15 -7.92	40.92 -0.32 -8.18	40.30 -0.35 -8.10	45.25 -0.22 -8.75	51.64 -0.07 -9.57	48.70 0.12 -9.17	48.09 0.17 -9.08	49.25 0.08 -9.24	51.46 -0.11 -9.54	54.68 -0.39 -9.99	48.03 -0.11 -2.53	52.32 -0.26 -0.88	50.76 -0.21 0.00	58.41 0.03 0.00	58.13 0.49 0.00	62.15 0.92 0.00	54.79 1.01 0.00	56.37 1.40 0.00	55.18 2.14 0.00
LI_NEWBRDGE___DRP 323616	48.89 3.17 0.00	40.18 2.64 0.00	35.76 2.49 0.00	33.31 2.09 0.00	30.39 1.91 0.00	33.28 2.17 0.00	35.40 2.34 0.00	34.81 2.25 0.00	39.15 2.43 0.00	44.92 2.79 0.00	41.89 2.48 0.00	41.08 2.25 0.00	42.08 2.14 0.00	44.46 2.43 0.00	47.53 2.45 0.00	48.19 2.57 0.00	54.92 3.20 -0.04	54.18 3.21 0.00	61.55 3.16 0.00	60.87 3.23 0.00	64.19 2.96 0.00	56.56 2.78 0.00	57.65 2.68 0.00	55.00 1.96 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.57 -4.16 0.00	34.41 -3.13 0.00	30.43 -2.85 0.00	28.86 -2.37 0.00	26.28 -2.20 0.00	28.65 -2.46 0.00	30.39 -2.67 0.00	29.41 -3.14 0.00	33.32 -3.40 0.00	38.21 -3.92 0.00	32.94 -3.39 3.07	35.35 -3.49 0.00	36.42 -3.51 0.00	38.46 -3.57 0.00	41.43 -3.65 0.00	42.15 -3.46 0.00	47.74 -3.95 0.00	47.31 -3.66 0.00	54.03 -4.35 0.00	53.09 -4.55 0.00	55.99 -5.24 0.00	49.15 -4.63 0.00	51.01 -3.97 0.00	49.46 -3.59 0.00
LOCKPORT___CC1 323769	41.53 -4.19 0.00	34.37 -3.17 0.00	30.40 -2.88 0.00	28.80 -2.42 0.00	26.28 -2.21 0.00	28.62 -2.49 0.00	30.27 -2.79 0.00	29.38 -3.17 0.00	33.31 -3.41 0.00	38.18 -3.95 0.00	32.82 -3.46 3.13	35.30 -3.53 0.00	36.40 -3.54 0.00	38.44 -3.59 0.00	41.40 -3.68 0.00	42.11 -3.51 0.00	47.68 -4.00 0.00	47.27 -3.70 0.00	54.00 -4.37 0.00	53.08 -4.56 0.00	55.98 -5.25 0.00	49.14 -4.64 0.00	50.99 -3.98 0.00	49.46 -3.59 0.00
LOCKPORT___CC2 323770	41.53 -4.19 0.00	34.37 -3.17 0.00	30.40 -2.88 0.00	28.80 -2.42 0.00	26.28 -2.21 0.00	28.62 -2.49 0.00	30.27 -2.79 0.00	29.38 -3.17 0.00	33.31 -3.41 0.00	38.18 -3.95 0.00	32.82 -3.46 3.13	35.30 -3.53 0.00	36.40 -3.54 0.00	38.44 -3.59 0.00	41.40 -3.68 0.00	42.11 -3.51 0.00	47.68 -4.00 0.00	47.27 -3.70 0.00	54.00 -4.37 0.00	53.08 -4.56 0.00	55.98 -5.25 0.00	49.14 -4.64 0.00	50.99 -3.98 0.00	49.46 -3.59 0.00
LOCKPORT___CC3 323771	41.53 -4.19 0.00	34.37 -3.17 0.00	30.40 -2.88 0.00	28.80 -2.42 0.00	26.28 -2.21 0.00	28.62 -2.49 0.00	30.27 -2.79 0.00	29.38 -3.17 0.00	33.31 -3.41 0.00	38.18 -3.95 0.00	32.82 -3.46 3.13	35.30 -3.53 0.00	36.40 -3.54 0.00	38.44 -3.59 0.00	41.40 -3.68 0.00	42.11 -3.51 0.00	47.68 -4.00 0.00	47.27 -3.70 0.00	54.00 -4.37 0.00	53.08 -4.56 0.00	55.98 -5.25 0.00	49.14 -4.64 0.00	50.99 -3.98 0.00	49.46 -3.59 0.00
LONG_LAKE_PHOENIX 24014	44.16 -1.57 0.00	36.30 -1.24 0.00	32.13 -1.14 0.00	30.22 -1.01 0.00	27.65 -0.83 0.00	30.12 -0.99 0.00	31.98 -1.08 0.00	31.52 -1.03 0.00	35.51 -1.21 0.00	40.76 -1.37 0.00	38.12 -1.29 0.00	37.62 -1.22 0.00	38.70 -1.24 0.00	40.75 -1.28 0.00	43.74 -1.34 0.00	44.30 -1.32 0.00	50.31 -1.38 0.00	49.70 -1.27 0.00	56.87 -1.51 0.00	56.05 -1.59 0.00	59.40 -1.83 0.00	52.09 -1.69 0.00	53.21 -1.76 0.00	51.25 -1.79 0.00
LOVETT___3 23632	48.07 2.35 0.00	39.53 1.99 0.00	35.11 1.84 0.00	32.75 1.53 0.00	29.87 1.39 0.00	32.70 1.58 0.00	34.80 1.74 0.00	34.23 1.68 0.00	38.43 1.71 0.00	44.00 1.87 0.00	41.10 1.69 0.00	40.40 1.57 0.00	41.50 1.57 0.00	43.66 1.64 0.00	46.78 1.71 0.00	47.32 1.70 0.00	53.78 2.09 0.00	53.20 2.23 0.00	60.66 2.28 0.00	59.71 2.08 0.00	63.17 1.94 0.00	55.57 1.79 0.00	56.67 1.70 0.00	54.30 1.25 0.00
LOVETT___4 23642	48.07 2.35 0.00	39.53 1.99 0.00	35.11 1.84 0.00	32.75 1.53 0.00	29.87 1.39 0.00	32.70 1.58 0.00	34.80 1.74 0.00	34.23 1.68 0.00	38.43 1.71 0.00	44.00 1.87 0.00	41.10 1.69 0.00	40.40 1.57 0.00	41.50 1.57 0.00	43.66 1.64 0.00	46.78 1.71 0.00	47.32 1.70 0.00	53.78 2.09 0.00	53.20 2.23 0.00	60.66 2.28 0.00	59.71 2.08 0.00	63.17 1.94 0.00	55.57 1.79 0.00	56.67 1.70 0.00	54.30 1.25 0.00
LOVETT___5 23593	48.07 2.35 0.00	39.53 1.99 0.00	35.11 1.84 0.00	32.75 1.53 0.00	29.87 1.39 0.00	32.70 1.58 0.00	34.80 1.74 0.00	34.23 1.68 0.00	38.43 1.71 0.00	44.00 1.87 0.00	41.10 1.69 0.00	40.40 1.57 0.00	41.50 1.57 0.00	43.66 1.64 0.00	46.78 1.71 0.00	47.32 1.70 0.00	53.78 2.09 0.00	53.20 2.23 0.00	60.66 2.28 0.00	59.71 2.08 0.00	63.17 1.94 0.00	55.57 1.79 0.00	56.67 1.70 0.00	54.30 1.25 0.00
LOWER RAQUET___HYD 24057	45.65 -0.07 0.00	37.49 -0.05 0.00	33.09 -0.18 0.00	35.16 -0.25 -4.18	36.13 -0.48 -8.12	39.04 -0.67 -8.60	41.07 -0.86 -8.87	40.47 -0.88 -8.79	45.37 -0.84 -9.49	51.79 -0.73 -10.39	48.94 -0.41 -9.94	48.32 -0.36 -9.85	49.53 -0.43 -10.02	51.83 -0.55 -10.35	55.03 -0.89 -10.84	47.53 -0.83 -2.74	51.49 -1.16 -0.96	49.89 -1.08 0.00	57.40 -0.98 0.00	57.18 -0.45 0.00	61.19 -0.04 0.00	53.99 0.21 0.00	55.63 0.65 0.00	54.46 1.41 0.00
LOWER___HUDSON 24059	48.11 2.38 0.00	39.41 1.87 0.00	35.00 1.73 0.00	32.80 1.58 0.00	29.91 1.43 0.00	32.71 1.60 0.00	34.81 1.75 0.00	34.30 1.75 0.00	38.61 1.89 0.00	44.30 2.18 0.00	41.45 2.04 0.00	40.86 2.03 0.00	42.00 2.07 0.00	44.14 2.11 0.00	47.27 2.20 0.00	47.72 2.10 0.00	54.11 2.42 0.00	53.44 2.48 0.00	61.06 2.68 0.00	60.10 2.47 0.00	63.68 2.45 0.00	55.98 2.20 0.00	57.09 2.12 0.00	54.88 1.84 0.00
LOWVILLE_115KV_TB2 356335	45.02 -0.71 0.00	37.15 -0.39 0.00	32.54 -0.73 0.00	31.60 -0.82 -1.19	29.93 -0.88 -2.32	32.57 -0.99 -2.45	34.57 -1.02 -2.53	34.12 -0.94 -2.51	38.40 -1.02 -2.71	44.04 -1.06 -2.97	41.28 -0.97 -2.84	40.74 -0.91 -2.81	41.93 -0.86 -2.86	44.21 -0.77 -2.96	47.31 -0.87 -3.10	45.90 -0.49 -0.78	51.80 -0.16 -0.27	51.32 0.36 0.00	58.78 0.40 0.00	58.96 1.33 0.00	62.84 1.61 0.00	55.03 1.25 0.00	56.35 1.38 0.00	54.45 1.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.83 3.10 0.00	39.99 2.46 0.00	35.48 2.21 0.00	33.20 1.98 0.00	30.26 1.77 0.00	33.10 2.00 0.00	35.33 2.27 0.00	34.86 2.31 0.00	39.30 2.59 0.00	45.07 2.94 0.00	42.10 2.69 0.00	41.60 2.77 0.00	42.78 2.85 0.00	44.98 2.96 0.00	48.14 3.06 0.00	48.68 3.06 0.00	55.28 3.59 0.00	54.61 3.64 0.00	62.33 3.96 0.00	61.33 3.70 0.00	64.91 3.68 0.00	56.98 3.20 0.00	58.06 3.09 0.00	55.73 2.69 0.00

LUTHERNY_35_KV_BK2 355980	48.86 3.14 0.00	40.01 2.47 0.00	35.47 2.20 0.00	33.19 1.97 0.00	30.25 1.77 0.00	33.12 2.01 0.00	35.35 2.29 0.00	34.87 2.32 0.00	39.34 2.62 0.00	45.08 2.95 0.00	42.11 2.70 0.00	41.64 2.81 0.00	42.82 2.89 0.00	45.03 3.00 0.00	48.16 3.09 0.00	48.72 3.11 0.00	55.33 3.64 0.00	54.67 3.70 0.00	62.40 4.02 0.00	61.40 3.76 0.00	64.96 3.73 0.00	57.03 3.26 0.00	58.07 3.10 0.00	55.74 2.69 0.00
LWR___OSWEGATCHIE_HYD 23850	45.08 -0.65 0.00	37.10 -0.44 0.00	32.63 -0.64 0.00	33.36 -0.70 -2.84	33.18 -0.82 -5.52	35.94 -1.01 -5.83	37.91 -1.17 -6.02	37.37 -1.15 -5.97	41.93 -1.23 -6.45	47.97 -1.21 -7.05	45.18 -0.98 -6.75	44.62 -0.90 -6.69	45.81 -0.92 -6.80	48.08 -0.97 -7.03	51.18 -1.25 -7.36	46.41 -1.06 -1.86	51.23 -1.10 -0.65	50.20 -0.77 0.00	57.59 -0.78 0.00	57.61 -0.03 0.00	61.49 0.25 0.00	54.08 0.31 0.00	55.54 0.57 0.00	54.08 1.03 0.00
LYONS_FALL_HYD 23570	45.64 -0.09 0.00	37.60 0.07 0.00	33.08 -0.19 0.00	31.75 -0.26 -0.79	29.71 -0.31 -1.54	32.38 -0.36 -1.63	34.40 -0.34 -1.68	33.95 -0.27 -1.66	38.23 -0.28 -1.80	43.85 -0.24 -1.97	41.07 -0.22 -1.88	40.53 -0.17 -1.86	41.71 -0.12 -1.90	43.95 -0.03 -1.96	47.08 -0.05 -2.05	46.32 0.19 -0.52	52.35 0.49 -0.18	51.76 0.79 0.00	59.27 0.89 0.00	59.06 1.42 0.00	62.82 1.59 0.00	55.04 1.27 0.00	56.31 1.34 0.00	54.32 1.28 0.00
MADISON___COUNTY_LFGE 323628	46.40 0.67 0.00	38.20 0.66 0.00	33.81 0.54 0.00	31.71 0.49 0.00	28.98 0.50 0.00	31.65 0.54 0.00	33.67 0.61 0.00	33.23 0.68 0.00	37.47 0.75 0.00	43.03 0.90 0.00	40.24 0.83 0.00	39.74 0.90 0.00	40.91 0.97 0.00	43.10 1.08 0.00	46.24 1.16 0.00	46.87 1.25 0.00	53.18 1.50 0.00	52.40 1.43 0.00	59.96 1.59 0.00	59.25 1.61 0.00	62.78 1.55 0.00	55.05 1.28 0.00	56.22 1.26 0.00	54.10 1.06 0.00
MALONE___115KV_TB1 356076	46.09 0.36 0.00	37.77 0.23 0.00	33.22 -0.05 0.00	48.87 -0.27 -17.93	62.84 -0.45 -34.80	67.46 -0.48 -36.83	70.51 -0.56 -38.01	69.68 -0.52 -37.66	76.99 -0.39 -40.67	86.32 -0.30 -44.50	81.79 -0.21 -42.59	80.83 -0.20 -42.19	82.63 -0.24 -42.94	86.07 -0.31 -44.36	91.10 -0.42 -46.45	57.11 -0.24 -11.74	55.37 -0.43 -4.12	50.96 -0.01 0.00	58.84 0.46 0.00	58.84 1.20 0.00	63.11 1.88 0.00	55.53 1.76 0.00	57.04 2.06 0.00	55.52 2.48 0.00
MAPLEWOD_115KV_TB3 80458	47.81 2.08 0.00	39.15 1.62 0.00	34.79 1.52 0.00	32.62 1.40 0.00	29.79 1.31 0.00	32.53 1.42 0.00	34.60 1.54 0.00	34.10 1.55 0.00	38.36 1.64 0.00	44.05 1.92 0.00	41.20 1.79 0.00	40.62 1.79 0.00	41.75 1.82 0.00	43.87 1.85 0.00	46.99 1.91 0.00	47.33 1.72 0.00	53.68 1.99 0.00	53.01 2.04 0.00	60.55 2.17 0.00	59.63 1.99 0.00	63.21 1.98 0.00	55.51 1.74 0.00	56.68 1.71 0.00	54.60 1.55 0.00
MAPLE_RIDGE_WT_1 323574	44.49 -1.23 0.00	36.60 -0.94 0.00	32.35 -0.93 0.00	30.34 -0.88 0.00	27.61 -0.87 0.00	30.16 -0.95 0.00	32.05 -1.01 0.00	31.57 -0.98 0.00	35.70 -1.01 0.00	41.01 -1.12 0.00	38.40 -1.01 0.00	37.86 -0.98 0.00	38.96 -0.97 0.00	41.12 -0.91 0.00	44.20 -0.87 0.00	44.92 -0.69 0.00	50.81 -0.88 0.00	50.25 -0.72 0.00	57.82 -0.55 0.00	57.32 -0.31 0.00	61.29 0.05 0.00	53.93 0.15 0.00	55.23 0.26 0.00	53.43 0.39 0.00
MAPLE_RIDGE_WT_2 323611	44.49 -1.23 0.00	36.60 -0.94 0.00	32.35 -0.93 0.00	30.34 -0.88 0.00	27.61 -0.87 0.00	30.16 -0.95 0.00	32.05 -1.01 0.00	31.57 -0.98 0.00	35.70 -1.01 0.00	41.01 -1.12 0.00	38.40 -1.01 0.00	37.86 -0.98 0.00	38.96 -0.97 0.00	41.12 -0.91 0.00	44.20 -0.87 0.00	44.92 -0.69 0.00	50.81 -0.88 0.00	50.25 -0.72 0.00	57.82 -0.55 0.00	57.32 -0.31 0.00	61.29 0.05 0.00	53.93 0.15 0.00	55.23 0.26 0.00	53.43 0.39 0.00
MARBLE_RIVER_WT_PWR 323696	45.36 -0.37 0.00	37.16 -0.38 0.00	32.69 -0.58 0.00	5.38 -0.85 25.00	-21.00 -0.94 48.54	-21.21 -0.96 51.36	-21.00 -1.06 53.01	-21.00 -1.03 52.52	-21.00 -0.99 56.72	-21.00 -1.07 62.06	-21.00 -1.01 59.40	-21.00 -1.00 58.84	-21.00 -1.05 59.89	-21.00 -1.16 61.86	-21.00 -1.30 64.78	28.09 -1.16 16.37	44.49 -1.46 5.74	50.04 -0.93 0.00	57.86 -0.52 0.00	57.95 0.32 0.00	62.28 1.05 0.00	54.83 1.06 0.00	56.26 1.29 0.00	54.75 1.71 0.00
MARSHVLE_115KV_TB1 80742	47.79 2.07 0.00	39.19 1.65 0.00	34.66 1.38 0.00	32.47 1.25 0.00	29.61 1.13 0.00	32.35 1.24 0.00	34.40 1.34 0.00	33.92 1.37 0.00	38.33 1.62 0.00	43.95 1.82 0.00	41.02 1.61 0.00	40.35 1.51 0.00	41.51 1.57 0.00	43.72 1.70 0.00	47.10 2.03 0.00	47.84 2.23 0.00	54.43 2.75 0.00	53.80 2.83 0.00	61.59 3.21 0.00	60.76 3.12 0.00	64.60 3.37 0.00	56.67 2.89 0.00	57.93 2.96 0.00	55.92 2.88 0.00
MARSH_HILL_WT_PWR 323713	41.43 -4.30 0.00	34.20 -3.34 0.00	30.19 -3.08 0.00	28.45 -2.77 0.00	25.96 -2.52 0.00	28.26 -2.85 0.00	30.03 -3.03 0.00	29.58 -2.97 0.00	33.42 -3.30 0.00	38.19 -3.94 8.85	26.72 -3.84 0.00	35.07 -3.77 0.00	36.42 -3.52 0.00	38.87 -3.16 0.00	42.04 -3.03 0.00	43.16 -2.46 0.00	49.17 -2.52 0.00	49.04 -1.93 0.00	56.69 -1.69 0.00	56.50 -1.14 0.00	60.49 -0.74 0.00	53.17 -0.61 0.00	54.58 -0.39 0.00	52.72 -0.32 0.00
MCINTYRE_115KV_TB2 80467	46.70 0.98 0.00	38.35 0.81 0.00	33.87 0.60 0.00	35.07 0.52 -3.33	35.22 0.27 -6.47	38.22 0.26 -6.84	40.29 0.17 -7.06	39.68 0.13 -7.00	44.61 0.33 -7.56	50.90 0.51 -8.27	47.90 0.58 -7.91	47.23 0.55 -7.84	48.34 0.42 -7.98	50.49 0.22 -8.24	53.82 0.11 -8.63	48.32 0.52 -2.18	52.97 0.52 -0.76	51.51 0.54 0.00	59.27 0.89 0.00	58.92 1.28 0.00	62.97 1.73 0.00	55.45 1.68 0.00	56.96 1.99 0.00	55.65 2.60 0.00
MECO_____69_KV_BK1 80468	48.60 2.88 0.00	39.82 2.29 0.00	35.26 1.99 0.00	33.03 1.81 0.00	30.12 1.64 0.00	32.92 1.81 0.00	35.06 2.00 0.00	34.59 2.04 0.00	39.08 2.36 0.00	44.83 2.70 0.00	41.86 2.45 0.00	41.28 2.45 0.00	42.49 2.55 0.00	44.70 2.68 0.00	48.06 2.98 0.00	48.79 3.18 0.00	55.55 3.86 0.00	54.92 3.96 0.00	62.78 4.40 0.00	61.85 4.22 0.00	65.62 4.39 0.00	57.48 3.70 0.00	58.60 3.63 0.00	56.38 3.34 0.00
MENANDS___115KV_TB5 355628	47.65 1.92 0.00	39.02 1.48 0.00	34.69 1.42 0.00	32.53 1.31 0.00	29.71 1.23 0.00	32.44 1.33 0.00	34.50 1.44 0.00	34.00 1.45 0.00	38.23 1.51 0.00	43.89 1.76 0.00	41.05 1.64 0.00	40.47 1.63 0.00	41.59 1.65 0.00	43.70 1.67 0.00	46.79 1.71 0.00	47.07 1.46 0.00	53.37 1.68 0.00	52.70 1.73 0.00	60.19 1.81 0.00	59.26 1.62 0.00	62.84 1.61 0.00	55.21 1.43 0.00	56.38 1.41 0.00	54.38 1.34 0.00
MG INDUSTRY___DRP 24185	47.42 1.69 0.00	38.92 1.38 0.00	34.57 1.30 0.00	32.42 1.20 0.00	29.61 1.13 0.00	32.33 1.22 0.00	34.37 1.31 0.00	33.86 1.31 0.00	38.07 1.36 0.00	43.68 1.54 0.00	40.74 1.33 0.00	40.24 1.40 0.00	41.38 1.45 0.00	43.54 1.51 0.00	46.64 1.56 0.00	46.99 1.38 0.00	53.29 1.60 0.00	52.59 1.62 0.00	60.12 1.74 0.00	59.22 1.58 0.00	62.79 1.56 0.00	55.16 1.38 0.00	56.35 1.38 0.00	54.38 1.33 0.00

MID___OSWEGATCHIE_HYD 23849	45.08 -0.65 0.00	37.10 -0.44 0.00	32.63 -0.64 0.00	33.36 -0.70 -2.84	33.18 -0.82 -5.52	35.94 -1.01 -5.83	37.91 -1.17 -6.02	37.37 -1.15 -5.97	41.93 -1.23 -6.45	47.97 -1.21 -7.05	45.18 -0.98 -6.75	44.62 -0.90 -6.69	45.81 -0.92 -6.80	48.08 -0.97 -7.03	51.18 -1.25 -7.36	46.41 -1.06 -1.86	51.23 -1.10 -0.65	50.20 -0.77 0.00	57.59 -0.78 0.00	57.61 -0.03 0.00	61.49 0.25 0.00	54.08 0.31 0.00	55.54 0.57 0.00	54.08 1.03 0.00
MID___RAQUETTE_HYD 23851	45.65 -0.07 0.00	37.49 -0.05 0.00	33.09 -0.18 0.00	35.15 -0.25 -4.18	36.13 -0.48 -8.12	39.04 -0.67 -8.60	41.07 -0.86 -8.87	40.47 -0.88 -8.79	45.37 -0.84 -9.49	51.80 -0.72 -10.39	48.94 -0.41 -9.94	48.33 -0.36 -9.85	49.53 -0.43 -10.02	51.83 -0.56 -10.35	55.03 -0.89 -10.84	47.53 -0.83 -2.74	51.48 -1.16 -0.96	49.89 -1.08 0.00	57.40 -0.98 0.00	57.18 -0.46 0.00	61.19 -0.04 0.00	53.99 0.21 0.00	55.63 0.65 0.00	54.46 1.42 0.00
MILLIKEN___1 23584	45.96 0.24 0.00	37.81 0.28 0.00	33.42 0.15 0.00	31.40 0.18 0.00	28.69 0.20 0.00	31.28 0.17 0.00	33.26 0.20 0.00	32.83 0.28 0.00	37.05 0.33 0.00	42.40 0.27 0.00	49.85 0.20 -10.24	39.12 0.28 0.00	40.36 0.42 0.00	42.53 0.50 0.00	45.63 0.56 0.00	46.25 0.63 0.00	52.58 0.90 0.00	51.96 1.00 0.00	59.50 1.12 0.00	58.60 0.97 0.00	62.06 0.83 0.00	54.41 0.64 0.00	55.58 0.60 0.00	53.47 0.43 0.00
MILLIKEN___2 23585	45.96 0.24 0.00	37.81 0.28 0.00	33.42 0.15 0.00	31.40 0.18 0.00	28.69 0.20 0.00	31.28 0.17 0.00	33.26 0.20 0.00	32.83 0.28 0.00	37.05 0.33 0.00	42.40 0.27 0.00	49.85 0.20 -10.24	39.12 0.28 0.00	40.36 0.42 0.00	42.53 0.50 0.00	45.63 0.56 0.00	46.25 0.63 0.00	52.58 0.90 0.00	51.96 1.00 0.00	59.50 1.12 0.00	58.60 0.97 0.00	62.06 0.83 0.00	54.41 0.64 0.00	55.58 0.60 0.00	53.47 0.43 0.00
MILLIKEN___DIESEL 23629	45.96 0.24 0.00	37.81 0.28 0.00	33.42 0.15 0.00	31.40 0.18 0.00	28.69 0.20 0.00	31.28 0.17 0.00	33.26 0.20 0.00	32.83 0.28 0.00	37.05 0.33 0.00	42.40 0.27 0.00	49.85 0.20 -10.24	39.12 0.28 0.00	40.36 0.42 0.00	42.53 0.50 0.00	45.63 0.56 0.00	46.25 0.63 0.00	52.58 0.90 0.00	51.96 1.00 0.00	59.50 1.12 0.00	58.60 0.97 0.00	62.06 0.83 0.00	54.41 0.64 0.00	55.58 0.60 0.00	53.47 0.43 0.00
MILLSEAT___LFGE 323607	42.75 -2.98 0.00	35.32 -2.21 0.00	31.24 -2.03 0.00	29.56 -1.66 0.00	26.97 -1.51 0.00	29.38 -1.73 0.00	31.11 -1.95 0.00	30.28 -2.27 0.00	34.33 -2.39 0.00	39.39 -2.73 0.00	34.19 -2.32 2.90	36.42 -2.42 0.00	37.52 -2.53 0.00	39.49 -2.42 0.00	42.66 -2.42 0.00	43.43 -2.18 0.00	49.27 -2.41 0.00	48.83 -2.13 0.00	55.78 -2.60 0.00	54.77 -2.87 0.00	57.76 -3.47 0.00	50.61 -3.16 0.00	52.34 -2.63 0.00	50.64 -2.41 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.38 2.65 0.00	39.76 2.22 0.00	35.32 2.04 0.00	32.96 1.73 0.00	30.05 1.56 0.00	32.89 1.78 0.00	35.01 1.95 0.00	34.45 1.90 0.00	38.70 1.99 0.00	44.32 2.19 0.00	41.40 1.99 0.00	40.69 1.85 0.00	41.78 1.85 0.00	43.96 1.94 0.00	47.08 2.01 0.00	47.61 2.00 0.00	54.10 2.42 0.00	53.51 2.55 0.00	61.02 2.64 0.00	60.08 2.44 0.00	63.52 2.29 0.00	55.89 2.12 0.00	56.98 2.01 0.00	54.61 1.56 0.00
MILLWOOD_13_KV_LOAD 356217	48.44 2.72 0.00	39.81 2.27 0.00	35.36 2.09 0.00	33.00 1.78 0.00	30.08 1.60 0.00	32.93 1.82 0.00	35.05 2.00 0.00	34.50 1.95 0.00	38.75 2.04 0.00	44.37 2.24 0.00	41.45 2.04 0.00	40.74 1.90 0.00	41.83 1.90 0.00	44.02 2.00 0.00	47.14 2.06 0.00	47.68 2.06 0.00	54.20 2.51 0.00	53.61 2.64 0.00	61.13 2.75 0.00	60.18 2.54 0.00	63.62 2.39 0.00	55.98 2.21 0.00	57.07 2.10 0.00	54.68 1.64 0.00
MODEL_CITY_ENERGY 24167	41.08 -4.65 0.00	34.01 -3.53 0.00	30.07 -3.20 0.00	28.51 -2.71 0.00	26.00 -2.48 0.00	28.32 -2.79 0.00	29.95 -3.11 0.00	29.05 -3.49 0.00	32.93 -3.78 0.00	37.76 -4.37 0.00	32.43 -3.81 3.17	34.91 -3.93 0.00	35.99 -3.95 0.00	38.00 -4.03 0.00	40.90 -4.17 0.00	41.59 -4.02 0.00	47.08 -4.61 0.00	46.68 -4.29 0.00	53.28 -5.10 0.00	52.36 -5.28 0.00	55.20 -6.04 0.00	48.48 -5.30 0.00	50.35 -4.62 0.00	48.87 -4.18 0.00
MODERN_LFGE___ 323580	41.08 -4.65 0.00	34.01 -3.53 0.00	30.07 -3.20 0.00	28.51 -2.71 0.00	26.00 -2.48 0.00	28.32 -2.79 0.00	29.95 -3.11 0.00	29.05 -3.49 0.00	32.93 -3.78 0.00	37.76 -4.37 0.00	32.43 -3.81 3.17	34.91 -3.93 0.00	35.99 -3.95 0.00	38.00 -4.03 0.00	40.90 -4.17 0.00	41.59 -4.02 0.00	47.08 -4.61 0.00	46.68 -4.29 0.00	53.28 -5.10 0.00	52.36 -5.28 0.00	55.20 -6.04 0.00	48.48 -5.30 0.00	50.35 -4.62 0.00	48.87 -4.18 0.00
MOHAWK_PAPER___DRP 24187	47.81 2.08 0.00	39.15 1.62 0.00	34.79 1.52 0.00	32.62 1.40 0.00	29.79 1.31 0.00	32.53 1.42 0.00	34.60 1.54 0.00	34.10 1.55 0.00	38.36 1.64 0.00	44.05 1.92 0.00	41.20 1.79 0.00	40.62 1.79 0.00	41.75 1.82 0.00	43.87 1.85 0.00	46.99 1.91 0.00	47.33 1.72 0.00	53.68 1.99 0.00	53.01 2.04 0.00	60.55 2.17 0.00	59.63 1.99 0.00	63.21 1.98 0.00	55.51 1.74 0.00	56.68 1.71 0.00	54.60 1.55 0.00
MOHICAN___35_KV_115KV_LD 80490	49.07 3.34 0.00	40.18 2.64 0.00	35.65 2.37 0.00	33.27 2.05 0.00	30.27 1.79 0.00	33.11 2.00 0.00	35.52 2.46 0.00	35.10 2.55 0.00	39.57 2.85 0.00	45.40 3.27 0.00	42.41 3.00 0.00	41.97 3.13 0.00	43.15 3.21 0.00	45.34 3.31 0.00	48.45 3.37 0.00	49.01 3.40 0.00	55.69 4.00 0.00	55.01 4.04 0.00	62.74 4.36 0.00	61.65 4.01 0.00	65.24 4.00 0.00	57.30 3.52 0.00	58.34 3.37 0.00	55.93 2.89 0.00
MONGAUP___HYD 23641	48.54 2.82 0.00	39.85 2.31 0.00	35.36 2.08 0.00	33.02 1.80 0.00	30.10 1.62 0.00	32.96 1.85 0.00	35.10 2.04 0.00	34.51 1.95 0.00	38.75 2.04 0.00	44.11 1.98 0.00	41.07 1.66 0.00	40.28 1.45 0.00	41.47 1.54 0.00	43.61 1.59 0.00	47.04 1.97 0.00	47.73 2.11 0.00	54.56 2.87 0.00	54.03 3.06 0.00	61.68 3.31 0.00	60.73 3.09 0.00	64.23 2.99 0.00	56.38 2.61 0.00	57.43 2.46 0.00	55.04 1.99 0.00
MONTAUK___DIESEL 23721	49.68 3.96 0.00	40.23 2.69 0.00	35.61 2.34 0.00	33.12 1.90 0.00	30.20 1.72 0.00	33.07 1.97 0.00	35.25 2.19 0.00	34.69 2.14 0.00	39.07 2.36 0.00	44.86 2.73 0.00	41.71 2.30 0.00	40.65 1.81 0.00	41.51 1.57 0.00	43.92 1.90 0.00	46.92 1.85 0.00	47.77 2.16 0.00	55.19 3.46 -0.04	55.17 4.20 0.00	61.80 3.42 0.00	61.30 3.66 0.00	65.01 3.78 0.00	56.37 2.60 0.00	58.70 3.73 0.00	56.80 3.76 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.83 -2.89 0.00	35.41 -2.13 0.00	31.27 -2.01 0.00	29.58 -1.65 0.00	26.98 -1.50 0.00	29.52 -1.59 0.00	31.27 -1.80 0.00	30.23 -2.32 0.00	34.25 -2.47 0.00	38.99 -3.14 0.00	32.12 -3.23 4.06	35.46 -3.38 0.00	36.97 -2.96 0.00	39.69 -2.33 0.00	42.80 -2.28 0.00	44.31 -1.30 0.00	50.39 -1.29 0.00	49.95 -1.02 0.00	57.55 -0.83 0.00	56.95 -0.69 0.00	60.20 -1.03 0.00	52.64 -1.14 0.00	54.21 -0.76 0.00	52.20 -0.85 0.00

MORRIS_RIDGE___SOLAR 323848	42.07 -3.65 0.00	34.80 -2.74 0.00	30.72 -2.55 0.00	28.98 -2.24 0.00	26.44 -2.05 0.00	28.79 -2.32 0.00	30.56 -2.51 0.00	29.97 -2.58 0.00	33.84 -2.87 0.00	38.76 -3.37 0.00	30.06 -3.24 6.11	35.61 -3.23 0.00	36.90 -3.04 0.00	39.24 -2.79 0.00	42.26 -2.82 0.00	43.16 -2.45 0.00	49.15 -2.54 0.00	48.75 -2.22 0.00	56.23 -2.15 0.00	55.59 -2.05 0.00	58.98 -2.25 0.00	51.76 -2.01 0.00	53.34 -1.63 0.00	51.58 -1.46 0.00
MORTIMER_115KV_TB3 55949	43.17 -2.56 0.00	35.56 -1.98 0.00	31.47 -1.80 0.00	29.71 -1.51 0.00	27.13 -1.35 0.00	29.57 -1.54 0.00	31.39 -1.67 0.00	30.67 -1.88 0.00	34.69 -2.02 0.00	39.82 -2.31 0.00	35.22 -2.04 2.16	36.81 -2.03 0.00	37.92 -2.01 0.00	40.00 -2.03 0.00	43.01 -2.07 0.00	43.66 -1.96 0.00	49.53 -2.16 0.00	48.99 -1.98 0.00	55.98 -2.40 0.00	55.03 -2.61 0.00	58.17 -3.06 0.00	50.96 -2.81 0.00	52.43 -2.55 0.00	50.62 -2.42 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.62 2.89 0.00	39.97 2.43 0.00	35.50 2.23 0.00	33.13 1.91 0.00	30.21 1.73 0.00	33.07 1.96 0.00	35.21 2.15 0.00	34.65 2.10 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.94 2.11 0.00	42.04 2.10 0.00	44.20 2.18 0.00	47.29 2.22 0.00	47.80 2.18 0.00	54.27 2.59 0.00	53.70 2.73 0.00	61.21 2.83 0.00	60.26 2.63 0.00	63.66 2.42 0.00	56.06 2.28 0.00	57.15 2.18 0.00	54.75 1.71 0.00
MUNSVILLE_WIND_PWR 323609	47.83 2.11 0.00	39.33 1.80 0.00	34.83 1.56 0.00	32.65 1.43 0.00	29.74 1.26 0.00	32.52 1.41 0.00	34.85 1.79 0.00	34.72 2.17 0.00	39.37 2.66 0.00	44.92 2.79 0.00	47.40 2.40 -5.58	41.16 2.32 0.00	42.47 2.53 0.00	44.91 2.88 0.00	48.10 3.02 0.00	48.66 3.04 0.00	55.37 3.68 0.00	55.01 4.04 0.00	62.88 4.51 0.00	62.51 4.88 0.00	66.28 5.05 0.00	58.09 4.32 0.00	59.38 4.41 0.00	57.15 4.11 0.00
N SALMON___HYD 24042	46.09 0.36 0.00	37.77 0.23 0.00	33.22 -0.05 0.00	48.87 -0.27 -17.93	62.84 -0.45 -34.80	67.46 -0.48 -36.83	70.51 -0.56 -38.01	69.69 -0.52 -37.66	76.99 -0.39 -40.67	86.32 -0.31 -44.50	81.79 -0.21 -42.59	80.83 -0.20 -42.19	82.63 -0.24 -42.94	86.07 -0.31 -44.36	91.10 -0.42 -46.45	57.11 -0.24 -11.74	55.37 -0.43 -4.12	50.96 -0.01 0.00	58.84 0.46 0.00	58.84 1.20 0.00	63.11 1.88 0.00	55.53 1.76 0.00	57.03 2.06 0.00	55.52 2.48 0.00
N.AKRON__115KV_KNAPP 355671	42.36 -3.37 0.00	35.03 -2.50 0.00	30.98 -2.29 0.00	29.35 -1.87 0.00	26.74 -1.75 0.00	29.14 -1.97 0.00	30.94 -2.12 0.00	29.99 -2.56 0.00	33.99 -2.72 0.00	38.99 -3.14 0.00	33.77 -2.67 2.97	36.05 -2.79 0.00	37.15 -2.79 0.00	39.14 -2.88 0.00	42.25 -2.82 0.00	43.02 -2.59 0.00	48.77 -2.92 0.00	48.33 -2.64 0.00	55.19 -3.19 0.00	54.20 -3.44 0.00	57.17 -4.06 0.00	50.11 -3.66 0.00	51.90 -3.07 0.00	50.26 -2.78 0.00
N.BELMOR_69_KV_BK1 55787	49.19 3.47 0.00	40.41 2.88 0.00	35.96 2.69 0.00	33.49 2.27 0.00	30.55 2.07 0.00	33.46 2.35 0.00	35.60 2.53 0.00	35.01 2.46 0.00	39.39 2.67 0.00	45.21 3.08 0.00	42.12 2.71 0.00	41.30 2.46 0.00	42.31 2.37 0.00	44.72 2.69 0.00	47.84 2.77 0.00	48.52 2.91 0.00	55.23 3.51 -0.04	54.51 3.54 0.00	61.95 3.57 0.00	61.36 3.72 0.00	64.58 3.35 0.00	56.89 3.11 0.00	58.07 3.10 0.00	55.38 2.34 0.00
N.E_GEN_SANDY PD 24062	50.51 2.61 -2.17	48.88 2.11 -9.23	45.10 1.95 -9.88	46.87 1.72 -13.93	53.05 1.56 -23.01	48.03 1.76 -15.17	49.03 1.93 -14.03	49.83 1.88 -15.39	67.18 2.01 -28.46	95.31 2.28 -50.90	50.90 2.12 -9.37	49.94 2.02 -9.08	50.25 2.02 -8.30	70.22 2.07 -26.13	80.90 2.16 -33.66	53.37 2.08 -5.68	59.31 2.41 -5.22	57.19 2.50 -3.72	65.11 2.66 -4.08	60.84 2.44 -0.76	63.59 2.36 0.00	57.18 2.20 -1.21	58.75 2.11 -1.67	54.79 1.74 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.15 2.43 0.00	39.58 2.04 0.00	35.16 1.88 0.00	32.80 1.58 0.00	29.91 1.43 0.00	32.74 1.63 0.00	34.86 1.80 0.00	34.27 1.72 0.00	38.48 1.76 0.00	44.06 1.93 0.00	41.15 1.74 0.00	40.47 1.63 0.00	41.56 1.63 0.00	43.74 1.71 0.00	46.86 1.78 0.00	47.40 1.78 0.00	53.88 2.19 0.00	53.30 2.33 0.00	60.77 2.40 0.00	59.83 2.19 0.00	63.30 2.07 0.00	55.67 1.90 0.00	56.78 1.80 0.00	54.40 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	48.69 2.97 0.00	40.13 2.59 0.00	35.68 2.40 0.00	33.30 2.08 0.00	30.29 1.80 0.00	33.14 2.03 0.00	35.28 2.22 0.00	34.73 2.18 0.00	39.02 2.30 0.00	44.67 2.54 0.00	41.81 2.40 0.00	41.09 2.25 0.00	42.15 2.22 0.00	44.33 2.31 0.00	47.40 2.33 0.00	48.00 2.38 0.00	54.48 2.80 0.00	53.94 2.97 0.00	61.45 3.07 0.00	60.53 2.90 0.00	63.82 2.59 0.00	56.26 2.48 0.00	57.31 2.34 0.00	54.93 1.89 0.00
N.TROY___115KV_TB1 355778	48.11 2.38 0.00	39.41 1.87 0.00	35.00 1.73 0.00	32.80 1.58 0.00	29.91 1.43 0.00	32.71 1.60 0.00	34.80 1.74 0.00	34.31 1.76 0.00	38.61 1.89 0.00	44.30 2.18 0.00	41.44 2.03 0.00	40.87 2.03 0.00	42.00 2.07 0.00	44.14 2.12 0.00	47.27 2.20 0.00	47.72 2.10 0.00	54.11 2.42 0.00	53.44 2.48 0.00	61.05 2.68 0.00	60.11 2.47 0.00	63.68 2.45 0.00	55.98 2.20 0.00	57.09 2.12 0.00	54.89 1.84 0.00
NARROWS_GT1_1 24228	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT1_2 24229	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT1_3 24230	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT1_4 24231	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00

NARROWS_GT1_5 24232	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT1_6 24233	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT1_7 24234	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT1_8 24235	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_1 24236	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_2 24237	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_3 24238	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_4 24239	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_5 24240	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_6 24241	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_7 24242	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NARROWS_GT2_8 24243	48.88 3.16 0.00	40.27 2.74 0.00	35.77 2.49 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.46 2.40 0.00	34.83 2.28 0.00	39.14 2.42 0.00	44.79 2.66 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.40 2.37 0.00	47.49 2.42 0.00	48.02 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.59 2.96 0.00	63.95 2.72 0.00	56.39 2.61 0.00	57.51 2.54 0.00	55.11 2.07 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	48.74 3.01 0.00	40.02 2.49 0.00	35.56 2.29 0.00	33.35 2.13 0.00	30.45 1.97 0.00	33.27 2.16 0.00	35.39 2.33 0.00	34.94 2.39 0.00	39.36 2.64 0.00	45.11 2.98 0.00	41.97 2.56 0.00	41.25 2.41 0.00	42.64 2.70 0.00	44.95 2.92 0.00	48.17 3.10 0.00	48.64 3.03 0.00	55.22 3.54 0.00	54.54 3.57 0.00	62.31 3.93 0.00	61.25 3.62 0.00	64.82 3.59 0.00	56.78 3.01 0.00	57.91 2.94 0.00	55.79 2.75 0.00
NCHELSEA_115KV_TR2 355582	48.96 3.23 0.00	40.21 2.68 0.00	35.69 2.42 0.00	33.31 2.09 0.00	30.37 1.89 0.00	33.24 2.14 0.00	35.41 2.35 0.00	34.86 2.31 0.00	39.19 2.48 0.00	44.84 2.72 0.00	41.85 2.44 0.00	41.12 2.28 0.00	42.27 2.33 0.00	44.53 2.50 0.00	47.74 2.67 0.00	48.31 2.69 0.00	54.97 3.28 0.00	54.40 3.43 0.00	62.04 3.66 0.00	61.05 3.42 0.00	64.52 3.29 0.00	56.69 2.92 0.00	57.75 2.78 0.00	55.32 2.28 0.00
NEG CAPITAL___MECHNVIL 23645	48.83 3.10 0.00	39.99 2.45 0.00	35.49 2.22 0.00	33.22 2.00 0.00	30.28 1.80 0.00	33.12 2.01 0.00	35.33 2.27 0.00	34.88 2.33 0.00	39.30 2.58 0.00	45.08 2.95 0.00	42.11 2.70 0.00	41.60 2.77 0.00	42.79 2.86 0.00	45.00 2.97 0.00	48.16 3.08 0.00	48.69 3.08 0.00	55.33 3.64 0.00	54.63 3.66 0.00	62.35 3.97 0.00	61.35 3.72 0.00	64.92 3.69 0.00	56.98 3.21 0.00	58.06 3.09 0.00	55.73 2.68 0.00

NEG CENTRAL_HIGH_ACRES 23767	42.80 -2.92 0.00	35.24 -2.30 0.00	31.19 -2.09 0.00	29.42 -1.80 0.00	26.88 -1.60 0.00	29.30 -1.81 0.00	31.09 -1.97 0.00	30.49 -2.06 0.00	34.46 -2.26 0.00	39.55 -2.58 0.00	35.54 -2.31 1.56	36.56 -2.28 0.00	37.68 -2.25 0.00	39.73 -2.30 0.00	42.70 -2.37 0.00	43.30 -2.31 0.00	49.15 -2.53 0.00	48.60 -2.37 0.00	55.54 -2.84 0.00	54.63 -3.00 0.00	57.75 -3.48 0.00	50.58 -3.19 0.00	51.92 -3.05 0.00	50.11 -2.94 0.00
NEG CENTRAL___DRP 24199	44.66 -1.07 0.00	36.85 -0.69 0.00	32.55 -0.72 0.00	30.63 -0.59 0.00	27.99 -0.49 0.00	30.52 -0.59 0.00	32.44 -0.61 0.00	31.96 -0.59 0.00	36.06 -0.65 0.00	41.28 -0.86 0.00	36.21 -0.82 2.38	38.15 -0.69 0.00	39.34 -0.60 0.00	41.45 -0.58 0.00	44.54 -0.54 0.00	45.18 -0.44 0.00	51.27 -0.42 0.00	50.71 -0.26 0.00	58.09 -0.29 0.00	57.18 -0.45 0.00	60.57 -0.67 0.00	53.02 -0.75 0.00	54.25 -0.72 0.00	52.24 -0.80 0.00
NEG CENTRAL___INDECK 23768	44.10 -1.62 0.00	36.38 -1.15 0.00	32.15 -1.12 0.00	30.31 -0.91 0.00	27.67 -0.81 0.00	30.16 -0.95 0.00	32.01 -1.05 0.00	31.44 -1.11 0.00	35.57 -1.15 0.00	40.80 -1.33 0.00	32.70 -1.26 5.45	37.52 -1.32 0.00	38.80 -1.13 0.00	41.09 -0.94 0.00	44.20 -0.87 0.00	45.10 -0.51 0.00	51.40 -0.28 0.00	50.94 -0.03 0.00	58.52 0.14 0.00	57.69 0.06 0.00	61.16 -0.07 0.00	53.49 -0.29 0.00	54.96 -0.01 0.00	53.00 -0.04 0.00
NEG CENTRAL___SENECA 23627	44.45 -1.27 0.00	36.77 -0.77 0.00	32.46 -0.81 0.00	30.55 -0.67 0.00	27.90 -0.58 0.00	30.43 -0.68 0.00	32.38 -0.69 0.00	31.90 -0.66 0.00	35.98 -0.73 0.00	41.16 -0.97 0.00	33.97 -0.95 4.50	38.07 -0.77 0.00	39.27 -0.67 0.00	41.41 -0.61 0.00	44.52 -0.56 0.00	45.18 -0.44 0.00	51.22 -0.46 0.00	50.70 -0.27 0.00	58.14 -0.24 0.00	57.22 -0.41 0.00	60.59 -0.64 0.00	53.00 -0.78 0.00	54.28 -0.69 0.00	52.28 -0.76 0.00
NEG CENTRAL___STATE_STREET 24147	45.30 -0.42 0.00	37.28 -0.25 0.00	32.88 -0.39 0.00	30.99 -0.23 0.00	28.34 -0.14 0.00	30.88 -0.23 0.00	32.74 -0.32 0.00	32.24 -0.31 0.00	36.45 -0.26 0.00	41.66 -0.47 0.00	40.24 -0.35 -1.18	38.48 -0.36 0.00	39.76 -0.18 0.00	41.86 -0.16 0.00	44.93 -0.15 0.00	45.58 -0.03 0.00	51.78 0.09 0.00	51.19 0.22 0.00	58.55 0.17 0.00	57.65 0.01 0.00	61.05 -0.18 0.00	53.52 -0.26 0.00	54.70 -0.27 0.00	52.53 -0.51 0.00
NEG MILLWOOD___DRP 24198	49.08 3.36 0.00	40.31 2.78 0.00	35.79 2.51 0.00	33.40 2.18 0.00	30.44 1.96 0.00	33.33 2.22 0.00	35.51 2.45 0.00	34.95 2.40 0.00	39.32 2.60 0.00	45.00 2.87 0.00	42.02 2.61 0.00	41.27 2.43 0.00	42.41 2.47 0.00	44.63 2.60 0.00	47.84 2.76 0.00	48.39 2.77 0.00	55.07 3.38 0.00	54.52 3.55 0.00	62.16 3.78 0.00	61.17 3.53 0.00	64.62 3.40 0.00	56.80 3.02 0.00	57.85 2.88 0.00	55.39 2.34 0.00
NEG NORTH_FLCN_SEA 23793	45.70 -0.03 0.00	37.44 -0.10 0.00	32.94 -0.33 0.00	5.29 -0.69 25.24	-21.37 -0.84 49.01	-21.63 -0.88 51.86	-21.36 -0.91 53.52	-21.34 -0.87 53.03	-21.40 -0.85 57.27	-21.47 -0.93 62.66	-21.40 -0.83 59.98	-21.37 -0.80 59.41	-21.41 -0.88 60.46	-21.45 -0.97 62.46	-21.45 -1.12 65.41	28.13 -0.95 16.53	44.72 -1.18 5.79	50.38 -0.59 0.00	58.24 -0.14 0.00	58.34 0.71 0.00	62.74 1.51 0.00	55.27 1.50 0.00	56.67 1.70 0.00	55.14 2.10 0.00
NEG NORTH_KES_CHATEGAY 23792	45.45 -0.27 0.00	37.23 -0.31 0.00	32.73 -0.54 0.00	3.50 -0.78 26.94	-24.72 -0.90 52.30	-25.15 -0.91 55.35	-25.04 -0.98 57.11	-25.01 -0.98 56.59	-25.32 -0.92 61.12	-25.72 -0.98 66.87	-25.48 -0.88 64.01	-25.46 -0.90 63.40	-25.54 -0.95 64.53	-25.70 -1.07 66.66	-25.87 -1.15 69.80	27.04 -0.94 17.64	44.25 -1.26 6.18	50.25 -0.72 0.00	58.09 -0.29 0.00	58.18 0.55 0.00	62.51 1.28 0.00	55.04 1.26 0.00	56.49 1.52 0.00	54.97 1.93 0.00
NEG NORTH___ALICE_FALLS 23915	46.05 0.33 0.00	37.71 0.18 0.00	33.18 -0.09 0.00	5.26 -0.45 25.51	-21.66 -0.61 49.53	-21.93 -0.62 52.41	-21.67 -0.63 54.09	-21.64 -0.60 53.59	-21.70 -0.53 57.89	-21.73 -0.53 63.33	-21.67 -0.47 60.62	-21.67 -0.47 60.04	-21.70 -0.53 61.11	-21.72 -0.62 63.13	-21.75 -0.73 66.10	28.37 -0.54 16.70	45.16 -0.67 5.86	50.89 -0.08 0.00	58.83 0.45 0.00	58.92 1.28 0.00	63.30 2.07 0.00	55.73 1.95 0.00	57.13 2.16 0.00	55.57 2.53 0.00
NEG NORTH___LWR_SARANAC 23913	46.05 0.33 0.00	37.71 0.18 0.00	33.18 -0.09 0.00	5.26 -0.45 25.51	-21.66 -0.61 49.53	-21.93 -0.62 52.41	-21.67 -0.63 54.09	-21.64 -0.60 53.59	-21.70 -0.53 57.89	-21.73 -0.53 63.33	-21.67 -0.47 60.62	-21.67 -0.47 60.04	-21.70 -0.53 61.11	-21.72 -0.62 63.13	-21.75 -0.73 66.10	28.37 -0.54 16.70	45.16 -0.67 5.86	50.89 -0.08 0.00	58.83 0.45 0.00	58.92 1.28 0.00	63.30 2.07 0.00	55.73 1.95 0.00	57.13 2.16 0.00	55.57 2.53 0.00
NEG NORTH___PLATTSBURG 23628	46.05 0.33 0.00	37.71 0.18 0.00	33.18 -0.09 0.00	5.26 -0.45 25.51	-21.67 -0.62 49.53	-21.93 -0.62 52.41	-21.66 -0.63 54.09	-21.64 -0.60 53.59	-21.70 -0.53 57.89	-21.74 -0.54 63.33	-21.67 -0.47 60.62	-21.67 -0.47 60.04	-21.70 -0.53 61.11	-21.72 -0.62 63.13	-21.75 -0.73 66.10	28.37 -0.54 16.70	45.16 -0.67 5.86	50.89 -0.08 0.00	58.83 0.45 0.00	58.92 1.28 0.00	63.30 2.07 0.00	55.72 1.95 0.00	57.13 2.16 0.00	55.57 2.53 0.00
NEG WEST_LEA_LOCKPORT 23791	41.53 -4.19 0.00	34.38 -3.16 0.00	30.40 -2.87 0.00	28.83 -2.39 0.00	26.27 -2.21 0.00	28.62 -2.49 0.00	30.37 -2.69 0.00	29.38 -3.17 0.00	33.29 -3.43 0.00	38.17 -3.96 0.00	32.83 -3.45 3.13	35.30 -3.54 0.00	36.40 -3.53 0.00	38.43 -3.60 0.00	41.39 -3.69 0.00	42.12 -3.49 0.00	47.69 -4.00 0.00	47.27 -3.70 0.00	54.00 -4.38 0.00	53.07 -4.57 0.00	55.97 -5.27 0.00	49.14 -4.64 0.00	50.99 -3.98 0.00	49.46 -3.59 0.00
NEG WEST___LANCASTR 23811	44.15 -1.58 0.00	36.50 -1.04 0.00	32.26 -1.01 0.00	30.52 -0.70 0.00	27.80 -0.68 0.00	30.26 -0.85 0.00	32.01 -1.04 0.00	31.15 -1.41 0.00	35.26 -1.46 0.00	40.50 -1.63 0.00	34.28 -1.29 3.84	37.52 -1.32 0.00	38.75 -1.18 0.00	40.91 -1.12 0.00	43.98 -1.10 0.00	44.73 -0.88 0.00	50.64 -1.05 0.00	50.04 -0.92 0.00	57.28 -1.10 0.00	56.34 -1.30 0.00	59.51 -1.72 0.00	52.26 -1.52 0.00	54.19 -0.78 0.00	52.48 -0.56 0.00
NEG_PENN_ALLEGHNY 23528	45.35 -0.38 0.00	37.36 -0.17 0.00	33.03 -0.24 0.00	30.99 -0.23 0.00	28.28 -0.20 0.00	30.84 -0.27 0.00	32.80 -0.26 0.00	32.39 -0.16 0.00	36.51 -0.20 0.00	41.84 -0.29 0.00	38.95 -0.46 0.00	38.56 -0.28 0.00	39.71 -0.22 0.00	41.89 -0.14 0.00	44.92 -0.16 0.00	45.51 -0.10 0.00	51.71 0.03 0.00	51.10 0.13 0.00	58.55 0.18 0.00	57.69 0.05 0.00	61.13 -0.11 0.00	53.55 -0.22 0.00	54.81 -0.17 0.00	52.78 -0.26 0.00
NEG___GEN_MONROE 24207	43.39 -2.34 0.00	35.75 -1.79 0.00	31.63 -1.65 0.00	29.89 -1.34 0.00	27.28 -1.20 0.00	29.73 -1.38 0.00	31.57 -1.49 0.00	30.81 -1.74 0.00	34.86 -1.86 0.00	40.02 -2.11 0.00	35.39 -1.82 2.20	37.00 -1.84 0.00	38.11 -1.83 0.00	40.18 -1.85 0.00	43.25 -1.83 0.00	43.95 -1.67 0.00	49.87 -1.81 0.00	49.34 -1.62 0.00	56.37 -2.01 0.00	55.38 -2.26 0.00	58.52 -2.71 0.00	51.26 -2.52 0.00	52.74 -2.23 0.00	50.94 -2.11 0.00

NEPA___ENERGY 23901	42.31 -3.41 0.00	35.00 -2.53 0.00	30.92 -2.35 0.00	29.28 -1.94 0.00	26.68 -1.80 0.00	29.11 -2.00 0.00	30.87 -2.19 0.00	29.94 -2.61 0.00	33.92 -2.80 0.00	38.83 -3.30 0.00	32.68 -2.98 3.75	35.82 -3.02 0.00	37.12 -2.82 0.00	39.41 -2.61 0.00	42.45 -2.63 0.00	43.44 -2.17 0.00	49.30 -2.38 0.00	48.95 -2.02 0.00	56.17 -2.21 0.00	55.33 -2.30 0.00	58.46 -2.77 0.00	51.24 -2.54 0.00	52.96 -2.01 0.00	51.20 -1.84 0.00
NEVERSink___HYD 23608	49.23 3.50 0.00	40.44 2.90 0.00	35.88 2.60 0.00	33.49 2.27 0.00	30.54 2.06 0.00	33.43 2.32 0.00	35.64 2.58 0.00	35.11 2.56 0.00	39.44 2.73 0.00	45.06 2.93 0.00	41.95 2.53 0.00	41.19 2.36 0.00	42.34 2.41 0.00	44.79 2.76 0.00	48.07 2.99 0.00	48.73 3.12 0.00	55.51 3.82 0.00	54.91 3.94 0.00	62.63 4.25 0.00	61.66 4.02 0.00	65.17 3.94 0.00	57.19 3.41 0.00	58.25 3.28 0.00	55.78 2.73 0.00
NEWKRMKL_115KV_TB1 55635	47.55 1.82 0.00	38.98 1.45 0.00	34.65 1.37 0.00	32.49 1.27 0.00	29.68 1.20 0.00	32.41 1.30 0.00	34.45 1.39 0.00	33.96 1.41 0.00	38.18 1.47 0.00	43.83 1.70 0.00	40.97 1.56 0.00	40.40 1.56 0.00	41.53 1.59 0.00	43.66 1.63 0.00	46.73 1.65 0.00	46.95 1.33 0.00	53.24 1.55 0.00	52.57 1.60 0.00	60.05 1.68 0.00	59.12 1.48 0.00	62.67 1.44 0.00	55.05 1.28 0.00	56.25 1.28 0.00	54.35 1.31 0.00
NEWTON___FALLS_HYD 23847	45.08 -0.65 0.00	37.10 -0.44 0.00	32.63 -0.64 0.00	33.36 -0.70 -2.84	33.18 -0.82 -5.52	35.94 -1.01 -5.83	37.91 -1.17 -6.02	37.37 -1.15 -5.97	41.93 -1.23 -6.45	47.97 -1.21 -7.05	45.18 -0.98 -6.75	44.62 -0.90 -6.69	45.81 -0.92 -6.80	48.08 -0.97 -7.03	51.18 -1.25 -7.36	46.41 -1.06 -1.86	51.23 -1.10 -0.65	50.20 -0.77 0.00	57.59 -0.78 0.00	57.61 -0.03 0.00	61.49 0.25 0.00	54.08 0.31 0.00	55.54 0.57 0.00	54.08 1.03 0.00
NGRID_A1_DSASP 323792	40.85 -4.87 0.00	33.82 -3.71 0.00	29.92 -3.35 0.00	28.37 -2.85 0.00	25.88 -2.60 0.00	28.19 -2.92 0.00	29.81 -3.25 0.00	28.91 -3.64 0.00	32.77 -3.95 0.00	37.55 -4.58 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.82 -4.11 0.00	37.80 -4.22 0.00	40.67 -4.41 0.00	41.30 -4.32 0.00	46.73 -4.96 0.00	46.29 -4.67 0.00	52.84 -5.54 0.00	51.93 -5.71 0.00	54.73 -6.50 0.00	48.07 -5.70 0.00	49.95 -5.02 0.00	48.53 -4.51 0.00
NGRID_A2_DSASP 323793	40.85 -4.87 0.00	33.82 -3.71 0.00	29.92 -3.35 0.00	28.37 -2.85 0.00	25.88 -2.60 0.00	28.19 -2.92 0.00	29.81 -3.25 0.00	28.91 -3.64 0.00	32.77 -3.95 0.00	37.55 -4.58 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.82 -4.11 0.00	37.80 -4.22 0.00	40.67 -4.41 0.00	41.30 -4.32 0.00	46.73 -4.96 0.00	46.29 -4.67 0.00	52.84 -5.54 0.00	51.93 -5.71 0.00	54.73 -6.50 0.00	48.07 -5.70 0.00	49.95 -5.02 0.00	48.53 -4.51 0.00
NGRID_A4_DSASP 323807	40.85 -4.87 0.00	33.82 -3.71 0.00	29.92 -3.35 0.00	28.37 -2.85 0.00	25.88 -2.60 0.00	28.19 -2.92 0.00	29.81 -3.25 0.00	28.91 -3.64 0.00	32.77 -3.95 0.00	37.55 -4.58 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.82 -4.11 0.00	37.80 -4.22 0.00	40.67 -4.41 0.00	41.30 -4.32 0.00	46.73 -4.96 0.00	46.29 -4.67 0.00	52.84 -5.54 0.00	51.93 -5.71 0.00	54.73 -6.50 0.00	48.07 -5.70 0.00	49.95 -5.02 0.00	48.53 -4.51 0.00
NIAGARA_115E_LBMP 323715	40.79 -4.93 0.00	33.79 -3.75 0.00	29.88 -3.39 0.00	28.33 -2.89 0.00	25.83 -2.65 0.00	28.14 -2.97 0.00	29.76 -3.30 0.00	28.84 -3.70 0.00	32.69 -4.03 0.00	37.49 -4.64 0.00	32.15 -4.06 3.21	34.67 -4.17 0.00	35.73 -4.21 0.00	37.72 -4.31 0.00	40.60 -4.47 0.00	41.28 -4.33 0.00	46.69 -4.99 0.00	46.29 -4.68 0.00	52.82 -5.56 0.00	51.93 -5.71 0.00	54.75 -6.49 0.00	48.10 -5.67 0.00	50.00 -4.97 0.00	48.54 -4.50 0.00
NIAGARA_115W_LBMP 323714	40.78 -4.95 0.00	33.76 -3.78 0.00	29.87 -3.40 0.00	28.32 -2.90 0.00	25.83 -2.65 0.00	28.14 -2.97 0.00	29.75 -3.31 0.00	28.85 -3.69 0.00	32.70 -4.02 0.00	37.46 -4.66 0.00	32.10 -4.14 3.17	34.64 -4.20 0.00	35.75 -4.19 0.00	37.72 -4.30 0.00	40.58 -4.50 0.00	41.21 -4.41 0.00	46.63 -5.06 0.00	46.19 -4.78 0.00	52.71 -5.66 0.00	51.81 -5.82 0.00	54.60 -6.63 0.00	47.96 -5.81 0.00	49.85 -5.12 0.00	48.44 -4.60 0.00
NIAGARA_230_LBMP 323716	41.19 -4.54 0.00	34.08 -3.45 0.00	30.15 -3.12 0.00	28.57 -2.64 0.00	26.07 -2.41 0.00	28.40 -2.71 0.00	30.01 -3.05 0.00	29.14 -3.40 0.00	33.03 -3.69 0.00	37.85 -4.28 0.00	32.48 -3.84 3.09	34.99 -3.85 0.00	36.11 -3.83 0.00	38.10 -3.93 0.00	40.97 -4.10 0.00	41.62 -4.00 0.00	47.08 -4.61 0.00	46.64 -4.33 0.00	53.28 -5.10 0.00	52.37 -5.27 0.00	55.23 -5.99 0.00	48.49 -5.28 0.00	50.34 -4.63 0.00	48.88 -4.16 0.00
NIAGARA___115KV_198_GIBSON 55903	40.78 -4.95 0.00	33.77 -3.77 0.00	29.87 -3.40 0.00	28.34 -2.88 0.00	25.82 -2.66 0.00	28.14 -2.98 0.00	29.85 -3.21 0.00	28.85 -3.70 0.00	32.68 -4.03 0.00	37.45 -4.68 0.00	32.10 -4.14 3.17	34.64 -4.20 0.00	35.74 -4.20 0.00	37.71 -4.32 0.00	40.57 -4.51 0.00	41.23 -4.39 0.00	46.63 -5.06 0.00	46.18 -4.78 0.00	52.71 -5.67 0.00	51.80 -5.84 0.00	54.61 -6.63 0.00	47.97 -5.81 0.00	49.85 -5.12 0.00	48.44 -4.60 0.00
NIAGARA___ 23760	41.19 -4.54 0.00	34.08 -3.45 0.00	30.15 -3.12 0.00	28.57 -2.64 0.00	26.07 -2.41 0.00	28.40 -2.71 0.00	30.01 -3.05 0.00	29.14 -3.40 0.00	33.03 -3.69 0.00	37.85 -4.28 0.00	32.46 -3.84 3.11	34.99 -3.85 0.00	36.11 -3.83 0.00	38.10 -3.93 0.00	40.97 -4.10 0.00	41.62 -4.00 0.00	47.08 -4.61 0.00	46.64 -4.33 0.00	53.28 -5.10 0.00	52.37 -5.27 0.00	55.23 -5.99 0.00	48.49 -5.28 0.00	50.34 -4.63 0.00	48.88 -4.16 0.00
NINE_MILE_1 23575	43.80 -1.93 0.00	35.98 -1.55 0.00	31.87 -1.40 0.00	29.98 -1.24 0.00	27.44 -1.04 0.00	29.88 -1.23 0.00	31.69 -1.36 0.00	31.23 -1.32 0.00	35.20 -1.52 0.00	40.38 -1.75 0.00	37.78 -1.64 0.00	37.24 -1.60 0.00	38.33 -1.61 0.00	40.36 -1.67 0.00	43.30 -1.78 0.00	43.84 -1.77 0.00	49.74 -1.95 0.00	49.12 -1.85 0.00	56.22 -2.16 0.00	55.44 -2.20 0.00	58.77 -2.46 0.00	51.59 -2.18 0.00	52.75 -2.23 0.00	50.84 -2.20 0.00
NINE_MILE_2 23744	43.80 -1.93 0.00	35.99 -1.55 0.00	31.87 -1.40 0.00	29.99 -1.23 0.00	27.45 -1.04 0.00	29.88 -1.22 0.00	31.70 -1.36 0.00	31.23 -1.32 0.00	35.20 -1.52 0.00	40.38 -1.74 0.00	37.78 -1.64 0.00	37.24 -1.60 0.00	38.33 -1.61 0.00	40.36 -1.67 0.00	43.30 -1.77 0.00	43.86 -1.76 0.00	49.75 -1.94 0.00	49.12 -1.85 0.00	56.22 -2.16 0.00	55.44 -2.20 0.00	58.77 -2.46 0.00	51.60 -2.18 0.00	52.75 -2.23 0.00	50.84 -2.20 0.00
NM_CAPITAL___DRP 24208	47.58 1.85 0.00	38.98 1.45 0.00	34.65 1.38 0.00	32.50 1.28 0.00	29.68 1.20 0.00	32.41 1.30 0.00	34.46 1.40 0.00	33.96 1.41 0.00	38.18 1.46 0.00	43.83 1.70 0.00	41.00 1.59 0.00	40.41 1.57 0.00	41.53 1.60 0.00	43.64 1.61 0.00	46.73 1.66 0.00	46.99 1.38 0.00	53.27 1.58 0.00	52.60 1.63 0.00	60.07 1.70 0.00	59.15 1.51 0.00	62.72 1.49 0.00	55.11 1.33 0.00	56.29 1.32 0.00	54.33 1.28 0.00

NM_CENTRAL___DRP 24181	44.60 -1.13 0.00	36.65 -0.88 0.00	32.46 -0.81 0.00	30.52 -0.70 0.00	27.92 -0.56 0.00	30.43 -0.68 0.00	32.31 -0.75 0.00	31.83 -0.72 0.00	35.87 -0.84 0.00	41.18 -0.95 0.00	38.50 -0.91 0.00	38.00 -0.84 0.00	39.12 -0.82 0.00	41.20 -0.82 0.00	44.20 -0.87 0.00	44.77 -0.84 0.00	50.84 -0.84 0.00	50.21 -0.76 0.00	57.44 -0.94 0.00	56.61 -1.02 0.00	59.97 -1.26 0.00	52.57 -1.20 0.00	53.74 -1.23 0.00	51.77 -1.28 0.00
NM_FRONTIER___DRP 24179	40.78 -4.95 0.00	33.77 -3.77 0.00	29.87 -3.40 0.00	28.34 -2.88 0.00	25.82 -2.66 0.00	28.14 -2.98 0.00	29.85 -3.21 0.00	28.85 -3.70 0.00	32.68 -4.03 0.00	37.45 -4.68 0.00	32.10 -4.14 3.17	34.64 -4.20 0.00	35.74 -4.20 0.00	37.71 -4.32 0.00	40.57 -4.51 0.00	41.23 -4.39 0.00	46.63 -5.06 0.00	46.18 -4.78 0.00	52.71 -5.67 0.00	51.80 -5.84 0.00	54.61 -6.63 0.00	47.97 -5.81 0.00	49.85 -5.12 0.00	48.44 -4.60 0.00
NM_ST_REGIS___HYD 24053	45.77 0.05 0.00	37.57 0.03 0.00	33.13 -0.14 0.00	37.98 -0.25 -7.01	41.62 -0.47 -13.62	44.89 -0.63 -14.41	47.14 -0.79 -14.87	46.49 -0.79 -14.73	51.91 -0.72 -15.91	58.93 -0.61 -17.41	55.72 -0.35 -16.66	55.02 -0.32 -16.50	56.36 -0.37 -16.80	58.89 -0.49 -17.35	62.48 -0.77 -18.17	49.54 -0.67 -4.59	52.31 -0.98 -1.61	50.18 -0.79 0.00	57.79 -0.58 0.00	57.65 0.02 0.00	61.75 0.52 0.00	54.45 0.68 0.00	56.04 1.07 0.00	54.80 1.75 0.00
NORTHPORT___1 23551	49.35 3.62 0.00	40.50 2.97 0.00	36.15 2.88 0.00	33.67 2.44 0.00	30.72 2.24 0.00	33.63 2.53 0.00	35.76 2.70 0.00	35.12 2.57 0.00	39.52 2.80 0.00	45.37 3.24 0.00	42.34 2.93 0.00	41.49 2.65 0.00	42.47 2.53 0.00	44.90 2.87 0.00	47.95 2.88 0.00	48.65 3.03 -0.04	55.47 3.74 0.00	54.67 3.70 0.00	61.95 3.57 0.00	61.37 3.73 0.00	64.78 3.55 0.00	57.07 3.29 0.00	58.24 3.26 0.00	55.43 2.38 0.00
NORTHPORT___2 23552	49.35 3.62 0.00	40.50 2.97 0.00	36.15 2.88 0.00	33.67 2.44 0.00	30.72 2.24 0.00	33.63 2.53 0.00	35.76 2.70 0.00	35.12 2.57 0.00	39.52 2.80 0.00	45.37 3.24 0.00	42.34 2.93 0.00	41.49 2.65 0.00	42.47 2.53 0.00	44.90 2.87 0.00	47.95 2.88 0.00	48.65 3.03 0.00	55.47 3.74 0.00	54.67 3.70 0.00	61.95 3.57 0.00	61.37 3.73 0.00	64.78 3.55 0.00	57.07 3.29 0.00	58.24 3.26 0.00	55.43 2.38 0.00
NORTHPORT___3 23553	49.20 3.48 0.00	40.37 2.84 0.00	35.99 2.72 0.00	33.50 2.28 0.00	30.58 2.09 0.00	33.48 2.37 0.00	35.63 2.57 0.00	35.00 2.45 0.00	39.39 2.67 0.00	45.21 3.08 0.00	42.15 2.74 0.00	41.30 2.47 0.00	42.30 2.36 0.00	44.72 2.70 0.00	47.79 2.71 0.00	48.47 2.86 0.00	55.28 3.56 -0.04	54.55 3.58 0.00	61.87 3.49 0.00	61.21 3.58 0.00	64.61 3.38 0.00	56.88 3.11 0.00	58.01 3.04 0.00	55.28 2.24 0.00
NORTHPORT___4 23650	49.20 3.48 0.00	40.37 2.84 0.00	35.99 2.72 0.00	33.50 2.28 0.00	30.58 2.09 0.00	33.48 2.37 0.00	35.63 2.57 0.00	35.00 2.45 0.00	39.39 2.67 0.00	45.21 3.08 0.00	42.15 2.74 0.00	41.30 2.47 0.00	42.30 2.36 0.00	44.72 2.70 0.00	47.79 2.71 0.00	48.47 2.86 0.00	55.28 3.56 -0.04	54.55 3.58 0.00	61.87 3.49 0.00	61.21 3.58 0.00	64.61 3.38 0.00	56.88 3.11 0.00	58.01 3.04 0.00	55.28 2.24 0.00
NORTHPORT___IC 23718	49.35 3.63 0.00	40.51 2.97 0.00	36.15 2.87 0.00	33.67 2.44 0.00	30.72 2.24 0.00	33.64 2.53 0.00	35.74 2.68 0.00	35.12 2.57 0.00	39.52 2.80 0.00	45.37 3.24 0.00	42.33 2.92 0.00	41.49 2.65 0.00	42.47 2.53 0.00	44.90 2.87 0.00	47.96 2.88 0.00	48.65 3.03 0.00	55.46 3.74 -0.04	54.67 3.70 0.00	61.94 3.56 0.00	61.37 3.73 0.00	64.78 3.55 0.00	57.07 3.29 0.00	58.24 3.26 0.00	55.43 2.38 0.00
NORTH___COUNTRY_ESR 323785	45.29 -0.43 0.00	37.10 -0.44 0.00	32.62 -0.65 0.00	3.36 -0.89 26.97	-24.89 -1.00 52.38	-25.35 -1.03 55.42	-25.25 -1.12 57.19	-25.20 -1.08 56.67	-25.55 -1.06 61.21	-25.98 -1.15 66.97	-25.73 -1.04 64.10	-25.69 -1.04 63.49	-25.78 -1.10 64.62	-25.93 -1.21 66.76	-26.13 -1.31 69.90	26.83 -1.12 17.66	44.05 -1.44 6.19	50.04 -0.93 0.00	57.86 -0.52 0.00	57.98 0.34 0.00	62.32 1.09 0.00	54.86 1.09 0.00	56.31 1.34 0.00	54.81 1.77 0.00
NPX_GEN_1385_PROXY 323591	50.05 4.33 0.00	40.93 3.39 0.00	37.05 3.78 0.00	34.56 3.34 0.00	31.53 3.05 0.00	34.53 3.42 0.00	49.65 3.64 -12.94	49.30 3.49 -13.26	82.71 3.85 -42.14	89.76 4.43 -43.19	43.36 3.95 0.00	50.61 3.75 -8.02	59.13 3.68 -15.51	53.34 4.08 -7.23	59.46 4.18 -10.21	106.11 4.34 -56.15	65.28 5.22 -8.37	55.88 4.91 0.00	62.70 4.32 0.00	62.65 5.01 0.00	71.21 5.30 -4.68	58.61 4.84 0.00	59.70 4.73 0.00	56.22 3.18 0.00
NPX_GEN_CSC 323557	49.85 4.12 0.00	40.84 3.30 0.00	36.34 3.07 0.00	33.81 2.59 0.00	30.85 2.37 0.00	33.78 2.67 0.00	35.98 2.92 0.00	35.37 2.82 0.00	39.84 3.12 0.00	45.74 3.61 0.00	42.60 3.18 0.00	41.58 2.75 0.00	42.50 2.57 0.00	45.04 3.01 0.00	48.10 3.02 0.00	48.90 3.29 0.00	56.05 4.32 -0.04	55.50 4.52 0.00	62.83 4.45 0.00	62.17 4.53 0.00	65.59 4.36 0.00	57.54 3.76 0.00	58.86 3.88 0.00	56.14 3.09 0.00
NSINS_S___GLNS_FALLS 23858	48.90 3.18 0.00	40.04 2.51 0.00	35.52 2.24 0.00	33.15 1.93 0.00	30.17 1.69 0.00	33.02 1.91 0.00	35.40 2.34 0.00	34.98 2.43 0.00	39.43 2.72 0.00	45.25 3.12 0.00	42.26 2.85 0.00	41.82 2.99 0.00	43.00 3.06 0.00	45.18 3.15 0.00	48.28 3.21 0.00	48.84 3.23 0.00	55.50 3.81 0.00	54.82 3.86 0.00	62.53 4.15 0.00	61.46 3.82 0.00	65.03 3.80 0.00	57.11 3.34 0.00	58.15 3.18 0.00	55.77 2.72 0.00
NUCOR_STEEL___DRP 24197	45.30 -0.42 0.00	37.28 -0.26 0.00	32.87 -0.41 0.00	30.99 -0.23 0.00	28.34 -0.14 0.00	30.87 -0.24 0.00	32.72 -0.34 0.00	32.22 -0.33 0.00	36.43 -0.28 0.00	41.63 -0.49 0.00	40.43 -0.37 -1.38	38.44 -0.39 0.00	39.73 -0.21 0.00	41.84 -0.19 0.00	44.90 -0.18 0.00	45.54 -0.07 0.00	51.74 0.05 0.00	51.13 0.16 0.00	58.48 0.10 0.00	57.57 -0.06 0.00	60.97 -0.26 0.00	53.46 -0.31 0.00	54.66 -0.31 0.00	52.47 -0.58 0.00
NUMBER_THREE_WT_PWR 323818	44.91 -0.82 0.00	37.06 -0.47 0.00	32.45 -0.82 0.00	31.56 -0.90 -1.24	29.92 -0.96 -2.40	32.56 -1.09 -2.54	34.55 -1.13 -2.62	34.11 -1.04 -2.60	38.38 -1.14 -2.80	44.01 -1.19 -3.07	41.25 -1.10 -2.94	40.72 -1.03 -2.91	41.91 -0.99 -2.96	44.19 -0.89 -3.06	47.28 -1.00 -3.20	45.81 -0.62 -0.81	51.67 -0.30 -0.28	51.22 0.25 0.00	58.64 0.26 0.00	58.86 1.22 0.00	62.77 1.54 0.00	54.96 1.19 0.00	56.30 1.33 0.00	54.40 1.36 0.00
NYISO_LBMP_REFERENCE 24008	45.72 0.00 0.00	37.54 0.00 0.00	33.27 0.00 0.00	31.22 0.00 0.00	28.48 0.00 0.00	31.11 0.00 0.00	33.06 0.00 0.00	32.55 0.00 0.00	36.72 0.00 0.00	42.13 0.00 0.00	39.41 0.00 0.00	38.84 0.00 0.00	39.94 0.00 0.00	42.03 0.00 0.00	45.08 0.00 0.00	45.62 0.00 0.00	51.69 0.00 0.00	50.97 0.00 0.00	58.38 0.00 0.00	57.64 0.00 0.00	61.23 0.00 0.00	53.77 0.00 0.00	54.97 0.00 0.00	53.04 0.00 0.00

NYPA_BRENTWD____GT 24164	49.78 4.06 0.00	40.84 3.30 0.00	36.39 3.12 0.00	33.88 2.66 0.00	30.92 2.43 0.00	33.84 2.74 0.00	36.02 2.96 0.00	35.40 2.85 0.00	39.84 3.13 0.00	45.75 3.62 0.00	42.64 3.23 0.00	41.73 2.89 0.00	42.72 2.78 0.00	45.22 3.19 0.00	48.32 3.25 0.00	49.08 3.47 0.00	56.04 4.32 -0.04	55.32 4.35 0.00	62.72 4.34 0.00	62.07 4.43 0.00	65.50 4.27 0.00	57.64 3.87 0.00	58.77 3.80 0.00	55.93 2.88 0.00
NYPA_GOWANUS____GT5 24156	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
NYPA_GOWANUS____GT6 24157	48.85 3.12 0.00	40.25 2.72 0.00	35.74 2.47 0.00	33.33 2.12 0.00	30.38 1.91 0.00	33.25 2.14 0.00	35.43 2.37 0.00	34.82 2.27 0.00	39.12 2.41 0.00	44.75 2.63 0.00	41.85 2.44 0.00	41.11 2.27 0.00	42.20 2.26 0.00	44.38 2.36 0.00	47.47 2.40 0.00	47.99 2.37 0.00	54.39 2.70 0.00	53.94 2.97 0.00	61.53 3.15 0.00	60.58 2.94 0.00	63.95 2.71 0.00	56.36 2.58 0.00	57.50 2.52 0.00	55.10 2.05 0.00
NYPA_HARLEM_RVR__GT1 24160	48.59 2.87 0.00	40.04 2.51 0.00	35.62 2.34 0.00	33.22 2.00 0.00	30.23 1.75 0.00	33.08 1.97 0.00	35.28 2.22 0.00	34.66 2.11 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.73 2.32 0.00	41.00 2.17 0.00	42.06 2.13 0.00	44.23 2.21 0.00	47.30 2.23 0.00	47.90 2.29 0.00	54.35 2.66 0.00	53.82 2.86 0.00	61.32 2.94 0.00	60.38 2.75 0.00	63.69 2.46 0.00	56.13 2.36 0.00	57.21 2.24 0.00	54.83 1.79 0.00
NYPA_HARLEM_RVR__GT2 24161	48.59 2.87 0.00	40.04 2.51 0.00	35.62 2.34 0.00	33.22 2.00 0.00	30.23 1.75 0.00	33.08 1.97 0.00	35.28 2.22 0.00	34.66 2.11 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.73 2.32 0.00	41.00 2.17 0.00	42.06 2.13 0.00	44.23 2.21 0.00	47.30 2.23 0.00	47.90 2.29 0.00	54.35 2.66 0.00	53.82 2.86 0.00	61.32 2.94 0.00	60.38 2.75 0.00	63.69 2.46 0.00	56.13 2.36 0.00	57.21 2.24 0.00	54.83 1.79 0.00
NYPA_KENT____GT 24152	48.80 3.07 0.00	40.19 2.66 0.00	35.70 2.43 0.00	33.30 2.08 0.00	30.36 1.88 0.00	33.22 2.11 0.00	35.40 2.35 0.00	34.80 2.24 0.00	39.10 2.38 0.00	44.74 2.61 0.00	41.82 2.40 0.00	41.10 2.26 0.00	42.19 2.25 0.00	44.35 2.32 0.00	47.43 2.35 0.00	47.95 2.33 0.00	54.34 2.65 0.00	53.83 2.86 0.00	61.38 3.00 0.00	60.46 2.82 0.00	63.84 2.61 0.00	56.26 2.48 0.00	57.37 2.40 0.00	54.98 1.94 0.00
NYPA_POUCH1____GT 24155	48.86 3.13 0.00	40.31 2.77 0.00	35.79 2.51 0.00	33.37 2.15 0.00	30.42 1.94 0.00	33.29 2.18 0.00	35.47 2.41 0.00	34.82 2.27 0.00	39.09 2.38 0.00	44.69 2.56 0.00	41.77 2.36 0.00	41.02 2.18 0.00	42.10 2.17 0.00	44.30 2.28 0.00	47.40 2.32 0.00	47.91 2.30 0.00	54.17 2.49 0.00	53.78 2.81 0.00	61.36 2.98 0.00	60.40 2.76 0.00	63.73 2.50 0.00	56.21 2.43 0.00	57.42 2.45 0.00	55.09 2.04 0.00
NYPA_VERNON____GT2 24162	48.73 3.01 0.00	40.11 2.58 0.00	35.65 2.37 0.00	33.25 2.03 0.00	30.31 1.83 0.00	33.17 2.06 0.00	35.35 2.29 0.00	34.76 2.21 0.00	39.06 2.35 0.00	44.69 2.57 0.00	41.78 2.36 0.00	41.07 2.23 0.00	42.16 2.22 0.00	44.29 2.26 0.00	47.35 2.27 0.00	47.87 2.25 0.00	54.30 2.61 0.00	53.74 2.78 0.00	61.25 2.87 0.00	60.32 2.68 0.00	63.72 2.49 0.00	56.13 2.36 0.00	57.23 2.26 0.00	54.85 1.81 0.00
NYPA_VERNON____GT3 24163	48.73 3.01 0.00	40.11 2.58 0.00	35.65 2.37 0.00	33.25 2.03 0.00	30.31 1.83 0.00	33.17 2.06 0.00	35.35 2.29 0.00	34.76 2.21 0.00	39.06 2.35 0.00	44.69 2.57 0.00	41.78 2.36 0.00	41.07 2.23 0.00	42.16 2.22 0.00	44.29 2.26 0.00	47.35 2.27 0.00	47.87 2.25 0.00	54.30 2.61 0.00	53.74 2.78 0.00	61.25 2.87 0.00	60.32 2.68 0.00	63.72 2.49 0.00	56.13 2.36 0.00	57.23 2.26 0.00	54.85 1.81 0.00
NYPA____ASTORIA_CC1 323568	48.63 2.91 0.00	40.07 2.53 0.00	35.60 2.33 0.00	33.21 1.99 0.00	30.27 1.79 0.00	33.13 2.02 0.00	35.30 2.24 0.00	34.71 2.16 0.00	39.01 2.30 0.00	44.62 2.49 0.00	41.72 2.31 0.00	41.00 2.16 0.00	42.09 2.15 0.00	44.22 2.19 0.00	47.26 2.18 0.00	47.80 2.18 0.00	54.19 2.51 0.00	53.64 2.67 0.00	61.13 2.75 0.00	60.19 2.56 0.00	63.60 2.37 0.00	56.03 2.25 0.00	57.12 2.15 0.00	54.74 1.70 0.00
NYPA____ASTORIA_CC2 323569	48.67 2.95 0.00	40.08 2.54 0.00	35.62 2.35 0.00	33.22 2.00 0.00	30.28 1.80 0.00	33.14 2.03 0.00	35.32 2.26 0.00	34.73 2.18 0.00	39.03 2.31 0.00	44.65 2.52 0.00	41.75 2.34 0.00	41.03 2.19 0.00	42.11 2.17 0.00	44.23 2.20 0.00	47.26 2.18 0.00	47.80 2.18 0.00	54.19 2.51 0.00	53.64 2.67 0.00	61.13 2.75 0.00	60.19 2.56 0.00	63.60 2.37 0.00	56.03 2.25 0.00	57.12 2.15 0.00	54.74 1.70 0.00
NYPA____HOLTSVILL 23794	49.50 3.78 0.00	40.61 3.07 0.00	36.18 2.91 0.00	33.67 2.45 0.00	30.73 2.25 0.00	33.65 2.54 0.00	35.80 2.74 0.00	35.19 2.64 0.00	39.62 2.91 0.00	45.49 3.36 0.00	42.39 2.98 0.00	41.47 2.63 0.00	42.42 2.48 0.00	44.86 2.84 0.00	47.90 2.82 0.00	48.64 3.03 0.00	55.55 3.83 -0.04	54.88 3.91 0.00	62.19 3.82 0.00	61.55 3.91 0.00	64.93 3.70 0.00	57.11 3.33 0.00	58.29 3.32 0.00	55.52 2.47 0.00
NYPA____HELLGATE_GT1 24158	48.59 2.87 0.00	40.04 2.51 0.00	35.62 2.34 0.00	33.22 2.00 0.00	30.23 1.75 0.00	33.08 1.97 0.00	35.28 2.22 0.00	34.66 2.11 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.73 2.32 0.00	41.00 2.17 0.00	42.06 2.13 0.00	44.23 2.21 0.00	47.30 2.23 0.00	47.90 2.29 0.00	54.35 2.66 0.00	53.82 2.86 0.00	61.32 2.94 0.00	60.38 2.75 0.00	63.69 2.46 0.00	56.13 2.36 0.00	57.21 2.24 0.00	54.83 1.79 0.00
NYPA____HELLGATE_GT2 24159	48.59 2.87 0.00	40.04 2.51 0.00	35.62 2.34 0.00	33.22 2.00 0.00	30.23 1.75 0.00	33.08 1.97 0.00	35.28 2.22 0.00	34.66 2.11 0.00	38.95 2.24 0.00	44.59 2.46 0.00	41.73 2.32 0.00	41.00 2.17 0.00	42.06 2.13 0.00	44.23 2.21 0.00	47.30 2.23 0.00	47.90 2.29 0.00	54.35 2.66 0.00	53.82 2.86 0.00	61.32 2.94 0.00	60.38 2.75 0.00	63.69 2.46 0.00	56.13 2.36 0.00	57.21 2.24 0.00	54.83 1.79 0.00
NYS_BARGE____HYD 23848	41.57 -4.16 0.00	34.40 -3.14 0.00	30.43 -2.85 0.00	28.82 -2.40 0.00	26.29 -2.19 0.00	28.64 -2.47 0.00	30.30 -2.76 0.00	29.41 -3.14 0.00	33.34 -3.38 0.00	38.23 -3.90 0.00	32.94 -3.40 0.00	35.34 -3.49 0.00	36.43 -3.50 0.00	38.47 -3.56 0.00	41.44 -3.64 0.00	42.14 -3.48 0.00	47.73 -3.96 0.00	47.31 -3.66 0.00	54.03 -4.35 0.00	53.10 -4.53 0.00	55.99 -5.24 0.00	49.15 -4.63 0.00	51.00 -3.97 0.00	49.47 -3.58 0.00

OAK ORCHARD___HYD 24046	43.17 -2.56 0.00	35.55 -1.99 0.00	31.47 -1.81 0.00	29.70 -1.52 0.00	27.13 -1.35 0.00	29.57 -1.54 0.00	31.34 -1.72 0.00	30.68 -1.87 0.00	34.70 -2.02 0.00	39.83 -2.30 0.00	35.21 -2.04 2.16	36.81 -2.03 0.00	37.93 -2.01 0.00	40.00 -2.02 0.00	43.02 -2.06 0.00	43.65 -1.97 0.00	49.52 -2.16 0.00	48.99 -1.98 0.00	55.98 -2.39 0.00	55.04 -2.60 0.00	58.17 -3.06 0.00	50.96 -2.81 0.00	52.43 -2.55 0.00	50.62 -2.42 0.00
OAKDALE___35_KV_LOAD 356122	45.26 -0.46 0.00	37.29 -0.25 0.00	32.97 -0.30 0.00	30.95 -0.27 0.00	28.24 -0.24 0.00	30.79 -0.32 0.00	32.74 -0.32 0.00	32.33 -0.22 0.00	36.43 -0.28 0.00	41.76 -0.37 0.00	38.90 -0.52 0.00	38.48 -0.36 0.00	39.62 -0.31 0.00	41.78 -0.25 0.00	44.81 -0.27 0.00	45.39 -0.22 0.00	51.55 -0.13 0.00	50.94 -0.03 0.00	58.36 -0.02 0.00	57.51 -0.13 0.00	60.95 -0.28 0.00	53.43 -0.34 0.00	54.68 -0.29 0.00	52.67 -0.38 0.00
OCC_CHEM___DRP 24175	40.85 -4.87 0.00	33.84 -3.70 0.00	29.93 -3.34 0.00	28.40 -2.82 0.00	25.87 -2.61 0.00	28.20 -2.91 0.00	29.91 -3.15 0.00	28.91 -3.64 0.00	32.75 -3.97 0.00	37.53 -4.59 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.81 -4.12 0.00	37.78 -4.24 0.00	40.66 -4.42 0.00	41.32 -4.30 0.00	46.73 -4.95 0.00	46.30 -4.68 0.00	52.84 -5.54 0.00	51.92 -5.72 0.00	54.73 -6.51 0.00	48.08 -5.69 0.00	49.96 -5.01 0.00	48.54 -4.51 0.00
OH_GEN_PROXY 24063	41.32 -4.41 0.00	34.17 -3.37 0.00	30.22 -3.05 0.00	28.64 -2.58 0.00	26.12 -2.36 0.00	28.45 -2.66 0.00	30.08 -2.98 0.00	29.24 -3.31 0.00	33.13 -3.58 0.00	37.99 -4.14 0.00	32.65 -3.72 3.04	35.12 -3.72 0.00	36.24 -3.70 0.00	38.23 -3.80 0.00	41.11 -3.97 0.00	41.75 -3.87 0.00	47.23 -4.45 0.00	46.78 -4.19 0.00	53.45 -4.92 0.00	52.54 -5.09 0.00	55.42 -5.82 0.00	48.63 -5.15 0.00	50.45 -4.52 0.00	48.94 -4.10 0.00
OLIN_CORP_DRP 24177	40.88 -4.85 0.00	33.87 -3.67 0.00	29.95 -3.33 0.00	28.42 -2.81 0.00	25.88 -2.60 0.00	28.21 -2.90 0.00	29.93 -3.13 0.00	28.92 -3.63 0.00	32.76 -3.95 0.00	37.56 -4.57 0.00	32.19 -3.98 3.24	34.75 -4.09 0.00	35.81 -4.12 0.00	37.80 -4.23 0.00	40.70 -4.38 0.00	41.40 -4.22 0.00	46.83 -4.86 0.00	46.42 -4.55 0.00	52.98 -5.40 0.00	52.06 -5.57 0.00	54.88 -6.35 0.00	48.21 -5.56 0.00	50.11 -4.86 0.00	48.64 -4.40 0.00
OLIN_CORP_DSASP 323712	40.85 -4.87 0.00	33.82 -3.71 0.00	29.92 -3.35 0.00	28.37 -2.85 0.00	25.88 -2.60 0.00	28.19 -2.92 0.00	29.81 -3.25 0.00	28.91 -3.64 0.00	32.77 -3.95 0.00	37.55 -4.58 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.82 -4.11 0.00	37.80 -4.22 0.00	40.67 -4.41 0.00	41.30 -4.32 0.00	46.73 -4.96 0.00	46.29 -4.67 0.00	52.84 -5.54 0.00	51.93 -5.71 0.00	54.73 -6.50 0.00	48.07 -5.70 0.00	49.95 -5.02 0.00	48.53 -4.51 0.00
ONEIDA_HERK_LFGE 323681	46.02 0.30 0.00	37.87 0.33 0.00	33.40 0.13 0.00	31.85 0.06 -0.57	29.60 0.02 -1.10	32.28 0.01 -1.16	34.32 0.05 -1.20	33.86 0.12 -1.19	38.15 0.15 -1.29	43.77 0.23 -1.41	40.98 0.22 -1.35	40.43 0.26 -1.33	41.60 0.31 -1.36	43.82 0.39 -1.40	46.97 0.42 -1.47	46.57 0.58 -0.37	52.69 0.87 -0.13	52.03 1.07 0.00	59.57 1.20 0.00	59.16 1.52 0.00	62.85 1.62 0.00	55.09 1.31 0.00	56.30 1.33 0.00	54.28 1.24 0.00
ONEIDA___115KV_TB4 55905	46.40 0.67 0.00	38.20 0.66 0.00	33.81 0.54 0.00	31.71 0.49 0.00	28.98 0.50 0.00	31.65 0.54 0.00	33.67 0.61 0.00	33.23 0.68 0.00	37.47 0.75 0.00	43.03 0.90 0.00	40.24 0.83 0.00	39.74 0.90 0.00	40.91 0.97 0.00	43.10 1.08 0.00	46.24 1.16 0.00	46.87 1.25 0.00	53.18 1.50 0.00	52.40 1.43 0.00	59.96 1.59 0.00	59.25 1.61 0.00	62.78 1.55 0.00	55.05 1.28 0.00	56.22 1.26 0.00	54.10 1.06 0.00
ONONDAGA_REF_OCCRA 23987	44.98 -0.75 0.00	36.98 -0.56 0.00	32.74 -0.53 0.00	30.76 -0.46 0.00	28.14 -0.34 0.00	30.66 -0.45 0.00	32.57 -0.49 0.00	32.10 -0.45 0.00	36.19 -0.52 0.00	41.52 -0.61 0.00	39.82 -0.58 -0.99	38.34 -0.50 0.00	39.47 -0.46 0.00	41.58 -0.45 0.00	44.60 -0.47 0.00	45.19 -0.42 0.00	51.32 -0.37 0.00	50.70 -0.27 0.00	58.01 -0.37 0.00	57.16 -0.48 0.00	60.54 -0.69 0.00	53.07 -0.70 0.00	54.23 -0.74 0.00	52.22 -0.82 0.00
ONONDAGA___COGEN 23986	44.94 -0.79 0.00	36.94 -0.60 0.00	32.69 -0.58 0.00	30.75 -0.48 0.00	28.13 -0.35 0.00	30.64 -0.46 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.15 -0.56 0.00	41.47 -0.66 0.00	38.79 -0.62 0.00	38.27 -0.57 0.00	39.43 -0.51 0.00	41.51 -0.52 0.00	44.55 -0.52 0.00	45.13 -0.48 0.00	51.26 -0.43 0.00	50.63 -0.34 0.00	57.93 -0.45 0.00	57.08 -0.56 0.00	60.47 -0.76 0.00	53.02 -0.76 0.00	54.18 -0.79 0.00	52.17 -0.88 0.00
ONTARIO___LFGE 23819	44.45 -1.27 0.00	36.76 -0.77 0.00	32.46 -0.82 0.00	30.55 -0.67 0.00	27.90 -0.59 0.00	30.43 -0.68 0.00	32.35 -0.71 0.00	31.89 -0.66 0.00	35.98 -0.74 0.00	41.16 -0.97 0.00	33.95 -0.96 4.50	38.07 -0.77 0.00	39.27 -0.66 0.00	41.42 -0.61 0.00	44.52 -0.56 0.00	45.17 -0.44 0.00	51.22 -0.46 0.00	50.70 -0.27 0.00	58.14 -0.23 0.00	57.23 -0.41 0.00	60.59 -0.64 0.00	53.00 -0.78 0.00	54.28 -0.69 0.00	52.28 -0.76 0.00
ORANGEVILLE_WT_PWR 323706	41.53 -4.20 0.00	34.34 -3.20 0.00	30.34 -2.93 0.00	28.67 -2.55 0.00	26.16 -2.32 0.00	28.48 -2.63 0.00	30.18 -2.88 0.00	29.49 -3.06 0.00	33.35 -3.37 0.00	38.23 -3.90 0.00	30.71 -3.61 5.09	35.25 -3.59 0.00	36.52 -3.41 0.00	38.83 -3.20 0.00	41.86 -3.21 0.00	42.74 -2.88 0.00	48.60 -3.08 0.00	48.24 -2.73 0.00	55.59 -2.79 0.00	54.86 -2.78 0.00	58.12 -3.11 0.00	51.03 -2.74 0.00	52.71 -2.26 0.00	51.01 -2.03 0.00
ORANGEVILLE___ESR 323794	41.53 -4.20 0.00	34.34 -3.20 0.00	30.34 -2.93 0.00	28.67 -2.55 0.00	26.16 -2.32 0.00	28.48 -2.63 0.00	30.18 -2.88 0.00	29.49 -3.06 0.00	33.35 -3.37 0.00	38.23 -3.90 0.00	30.71 -3.61 5.09	35.25 -3.59 0.00	36.52 -3.41 0.00	38.83 -3.20 0.00	41.86 -3.21 0.00	42.74 -2.88 0.00	48.60 -3.08 0.00	48.24 -2.73 0.00	55.59 -2.79 0.00	54.86 -2.78 0.00	58.12 -3.11 0.00	51.03 -2.74 0.00	52.71 -2.26 0.00	51.01 -2.03 0.00
OSWEGATCHIE___HYD 24044	45.08 -0.65 0.00	37.10 -0.43 0.00	32.64 -0.64 0.00	33.36 -0.70 -2.84	33.17 -0.82 -5.52	35.94 -1.01 -5.83	37.92 -1.17 -6.02	37.37 -1.15 -5.97	41.93 -1.23 -6.45	47.97 -1.22 -7.05	45.17 -0.98 -6.75	44.63 -0.90 -6.69	45.81 -0.93 -6.80	48.08 -0.97 -7.03	51.18 -1.25 -7.36	46.41 -1.06 -1.86	51.24 -1.10 -0.65	50.20 -0.77 0.00	57.59 -0.78 0.00	57.61 -0.03 0.00	61.49 0.26 0.00	54.09 0.31 0.00	55.54 0.57 0.00	54.08 1.03 0.00
OSWEGO___5 23606	44.20 -1.53 0.00	36.33 -1.21 0.00	32.17 -1.11 0.00	30.25 -0.97 0.00	27.67 -0.81 0.00	30.15 -0.96 0.00	31.99 -1.07 0.00	31.52 -1.03 0.00	35.53 -1.19 0.00	40.76 -1.37 0.00	38.12 -1.29 0.00	37.60 -1.24 0.00	38.70 -1.24 0.00	40.75 -1.28 0.00	43.72 -1.35 0.00	44.28 -1.34 0.00	50.24 -1.44 0.00	49.62 -1.35 0.00	56.79 -1.58 0.00	55.99 -1.64 0.00	59.38 -1.86 0.00	52.10 -1.67 0.00	53.27 -1.70 0.00	51.34 -1.70 0.00

OSWEGO___6 23613	44.20 -1.53 0.00	36.33 -1.21 0.00	32.17 -1.11 0.00	30.25 -0.97 0.00	27.67 -0.81 0.00	30.15 -0.96 0.00	31.99 -1.07 0.00	31.52 -1.03 0.00	35.53 -1.19 0.00	40.76 -1.37 0.00	38.12 -1.29 0.00	37.60 -1.24 0.00	38.70 -1.24 0.00	40.75 -1.28 0.00	43.72 -1.35 0.00	44.28 -1.34 0.00	50.24 -1.44 0.00	49.62 -1.35 0.00	56.79 -1.58 0.00	55.99 -1.64 0.00	59.38 -1.86 0.00	52.10 -1.67 0.00	53.27 -1.70 0.00	51.34 -1.70 0.00
OUTOKUMPU-AB___DRP 24206	41.92 -3.81 0.00	34.70 -2.84 0.00	30.67 -2.60 0.00	29.07 -2.15 0.00	26.48 -2.00 0.00	28.87 -2.24 0.00	30.63 -2.43 0.00	29.64 -2.91 0.00	33.59 -3.12 0.00	38.51 -3.62 0.00	32.97 -3.14 3.30	35.63 -3.21 0.00	36.77 -3.16 0.00	38.84 -3.19 0.00	41.83 -3.25 0.00	42.56 -3.05 0.00	48.18 -3.51 0.00	47.78 -3.19 0.00	54.57 -3.80 0.00	53.63 -4.01 0.00	56.58 -4.65 0.00	49.68 -4.10 0.00	51.52 -3.45 0.00	49.97 -3.07 0.00
OXBOW___BTM 323836	41.47 -4.26 0.00	34.32 -3.22 0.00	30.35 -2.92 0.00	28.76 -2.46 0.00	26.23 -2.25 0.00	28.58 -2.53 0.00	30.23 -2.83 0.00	29.34 -3.21 0.00	33.25 -3.46 0.00	38.12 -4.01 0.00	32.64 -3.53 3.24	35.25 -3.59 0.00	36.38 -3.55 0.00	38.42 -3.61 0.00	41.34 -3.74 0.00	42.02 -3.59 0.00	47.58 -4.11 0.00	47.15 -3.82 0.00	53.84 -4.53 0.00	52.91 -4.73 0.00	55.79 -5.44 0.00	48.99 -4.79 0.00	50.85 -4.12 0.00	49.36 -3.68 0.00
OXBOW____ 24026	41.47 -4.26 0.00	34.33 -3.21 0.00	30.36 -2.92 0.00	28.78 -2.44 0.00	26.23 -2.26 0.00	28.58 -2.52 0.00	30.33 -2.73 0.00	29.34 -3.21 0.00	33.24 -3.48 0.00	38.10 -4.03 0.00	32.65 -3.52 3.24	35.24 -3.59 0.00	36.37 -3.56 0.00	38.40 -3.63 0.00	41.34 -3.74 0.00	42.04 -3.58 0.00	47.58 -4.11 0.00	47.16 -3.81 0.00	53.84 -4.53 0.00	52.90 -4.74 0.00	55.79 -5.44 0.00	48.99 -4.79 0.00	50.86 -4.11 0.00	49.36 -3.68 0.00
OXY_CHEM_DSASP 323612	40.85 -4.87 0.00	33.84 -3.70 0.00	29.93 -3.34 0.00	28.40 -2.82 0.00	25.87 -2.61 0.00	28.20 -2.91 0.00	29.91 -3.15 0.00	28.91 -3.64 0.00	32.75 -3.97 0.00	37.53 -4.59 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.81 -4.12 0.00	37.78 -4.24 0.00	40.66 -4.42 0.00	41.32 -4.30 0.00	46.73 -4.95 0.00	46.30 -4.68 0.00	52.84 -5.54 0.00	51.92 -5.72 0.00	54.73 -6.51 0.00	48.08 -5.69 0.00	49.96 -5.01 0.00	48.54 -4.51 0.00
OZONE_PARK_ESR 323760	49.07 3.35 0.00	40.34 2.80 0.00	35.82 2.55 0.00	33.43 2.21 0.00	30.49 2.00 0.00	33.37 2.26 0.00	35.52 2.46 0.00	34.97 2.42 0.00	39.31 2.59 0.00	44.99 2.86 0.00	42.05 2.64 0.00	41.33 2.50 0.00	42.44 2.51 0.00	44.62 2.60 0.00	47.73 2.66 0.00	48.23 2.61 0.00	54.77 3.09 0.00	54.22 3.25 0.00	61.80 3.42 0.00	60.82 3.18 0.00	64.22 2.99 0.00	56.58 2.80 0.00	57.64 2.67 0.00	55.22 2.18 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	40.85 -4.87 0.00	33.84 -3.70 0.00	29.93 -3.34 0.00	28.40 -2.82 0.00	25.87 -2.61 0.00	28.20 -2.91 0.00	29.91 -3.15 0.00	28.91 -3.64 0.00	32.75 -3.97 0.00	37.53 -4.59 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.81 -4.12 0.00	37.78 -4.24 0.00	40.66 -4.42 0.00	41.32 -4.30 0.00	46.73 -4.95 0.00	46.30 -4.68 0.00	52.84 -5.54 0.00	51.92 -5.72 0.00	54.73 -6.51 0.00	48.08 -5.69 0.00	49.96 -5.01 0.00	48.54 -4.51 0.00
PACKARD___115KV_DUPONT_184 80571	40.85 -4.87 0.00	33.84 -3.70 0.00	29.93 -3.34 0.00	28.40 -2.82 0.00	25.87 -2.61 0.00	28.20 -2.91 0.00	29.91 -3.15 0.00	28.91 -3.64 0.00	32.75 -3.97 0.00	37.53 -4.59 0.00	32.16 -4.07 3.18	34.71 -4.13 0.00	35.81 -4.12 0.00	37.78 -4.24 0.00	40.66 -4.42 0.00	41.32 -4.30 0.00	46.73 -4.95 0.00	46.30 -4.68 0.00	52.84 -5.54 0.00	51.92 -5.72 0.00	54.73 -6.51 0.00	48.08 -5.69 0.00	49.96 -5.01 0.00	48.54 -4.51 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	48.55 2.82 0.00	39.97 2.43 0.00	35.52 2.24 0.00	33.15 1.93 0.00	30.19 1.71 0.00	33.04 1.94 0.00	35.19 2.13 0.00	34.64 2.09 0.00	38.93 2.22 0.00	44.57 2.44 0.00	41.69 2.28 0.00	40.97 2.13 0.00	42.03 2.10 0.00	44.21 2.19 0.00	47.30 2.22 0.00	47.86 2.24 0.00	54.31 2.62 0.00	53.78 2.81 0.00	61.28 2.90 0.00	60.35 2.72 0.00	63.69 2.46 0.00	56.13 2.35 0.00	57.18 2.21 0.00	54.81 1.77 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	48.69 2.96 0.00	40.11 2.57 0.00	35.61 2.34 0.00	33.24 2.02 0.00	30.28 1.80 0.00	33.15 2.04 0.00	35.30 2.24 0.00	34.79 2.24 0.00	39.12 2.40 0.00	44.81 2.68 0.00	41.91 2.50 0.00	41.16 2.32 0.00	42.18 2.24 0.00	44.39 2.36 0.00	47.51 2.43 0.00	48.10 2.48 0.00	54.62 2.93 0.00	54.10 3.13 0.00	61.64 3.26 0.00	60.65 3.02 0.00	63.98 2.75 0.00	56.38 2.61 0.00	57.43 2.46 0.00	55.08 2.04 0.00
PATROON___115KV_TB1 80586	47.65 1.93 0.00	39.06 1.52 0.00	34.71 1.44 0.00	32.54 1.32 0.00	29.74 1.25 0.00	32.47 1.36 0.00	34.51 1.45 0.00	34.02 1.47 0.00	38.26 1.54 0.00	43.92 1.79 0.00	41.07 1.66 0.00	40.49 1.65 0.00	41.62 1.68 0.00	43.75 1.72 0.00	46.84 1.76 0.00	47.08 1.47 0.00	53.39 1.70 0.00	52.72 1.75 0.00	60.22 1.84 0.00	59.29 1.66 0.00	62.84 1.62 0.00	55.20 1.43 0.00	56.39 1.42 0.00	54.46 1.42 0.00
PATTRSNVILLE___SOLAR 323815	47.41 1.69 0.00	38.88 1.35 0.00	34.47 1.20 0.00	32.30 1.08 0.00	29.47 0.99 0.00	32.20 1.09 0.00	34.26 1.20 0.00	33.76 1.21 0.00	38.05 1.34 0.00	43.65 1.52 0.00	40.78 1.37 0.00	40.20 1.36 0.00	41.34 1.41 0.00	43.48 1.46 0.00	46.66 1.58 0.00	47.24 1.63 0.00	53.65 1.97 0.00	53.00 2.04 0.00	60.58 2.21 0.00	59.70 2.07 0.00	63.32 2.08 0.00	55.58 1.81 0.00	56.74 1.77 0.00	54.60 1.56 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	43.63 -2.10 0.00	36.08 -1.46 0.00	31.89 -1.38 0.00	30.17 -1.05 0.00	27.49 -0.99 0.00	29.93 -1.18 0.00	31.71 -1.35 0.00	30.80 -1.75 0.00	34.88 -1.84 0.00	40.05 -2.08 0.00	33.98 -1.72 3.71	37.08 -1.76 0.00	38.31 -1.63 0.00	40.46 -1.57 0.00	43.51 -1.56 0.00	44.30 -1.32 0.00	50.17 -1.52 0.00	49.64 -1.33 0.00	56.82 -1.56 0.00	55.87 -1.77 0.00	59.00 -2.23 0.00	51.80 -1.97 0.00	53.68 -1.29 0.00	52.00 -1.05 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	49.08 3.36 0.00	40.31 2.78 0.00	35.79 2.51 0.00	33.40 2.18 0.00	30.44 1.96 0.00	33.33 2.22 0.00	35.51 2.45 0.00	34.95 2.40 0.00	39.32 2.60 0.00	45.00 2.87 0.00	42.02 2.61 0.00	41.27 2.43 0.00	42.41 2.47 0.00	44.63 2.60 0.00	47.84 2.76 0.00	48.39 2.77 0.00	55.07 3.38 0.00	54.52 3.55 0.00	62.16 3.78 0.00	61.17 3.53 0.00	64.62 3.40 0.00	56.80 3.02 0.00	57.85 2.88 0.00	55.39 2.34 0.00
PEEKSKILL____ 23653	48.31 2.58 0.00	39.71 2.17 0.00	35.27 2.00 0.00	32.90 1.68 0.00	30.00 1.52 0.00	32.84 1.73 0.00	34.98 1.92 0.00	34.39 1.84 0.00	38.64 1.93 0.00	44.24 2.11 0.00	41.33 1.92 0.00	40.62 1.78 0.00	41.72 1.78 0.00	43.89 1.86 0.00	47.01 1.93 0.00	47.55 1.93 0.00	54.04 2.36 0.00	53.45 2.48 0.00	60.95 2.57 0.00	60.00 2.36 0.00	63.45 2.22 0.00	55.82 2.05 0.00	56.92 1.95 0.00	54.53 1.49 0.00

PGE MADISON___WINDPWR 24146	47.83 2.11 0.00	39.33 1.80 0.00	34.83 1.56 0.00	32.65 1.43 0.00	29.74 1.26 0.00	32.52 1.41 0.00	34.85 1.79 0.00	34.72 2.17 0.00	39.37 2.66 0.00	44.92 2.79 0.00	47.40 2.40 -5.58	41.16 2.32 0.00	42.47 2.53 0.00	44.91 2.88 0.00	48.10 3.02 0.00	48.66 3.04 0.00	55.37 3.68 0.00	55.01 4.04 0.00	62.88 4.51 0.00	62.51 4.88 0.00	66.28 5.05 0.00	58.09 4.32 0.00	59.38 4.41 0.00	57.15 4.11 0.00
PIERCEFIELD___HYD 23852	45.65 -0.07 0.00	37.49 -0.05 0.00	33.09 -0.18 0.00	35.15 -0.25 -4.18	36.13 -0.48 -8.12	39.04 -0.67 -8.60	41.07 -0.86 -8.87	40.47 -0.88 -8.79	45.37 -0.84 -9.49	51.80 -0.72 -10.39	48.94 -0.41 -9.94	48.33 -0.36 -9.85	49.53 -0.43 -10.02	51.83 -0.56 -10.35	55.03 -0.89 -10.84	47.53 -0.83 -2.74	51.48 -1.16 -0.96	49.89 -1.08 0.00	57.40 -0.98 0.00	57.18 -0.46 0.00	61.19 -0.04 0.00	53.99 0.21 0.00	55.63 0.65 0.00	54.46 1.42 0.00
PINELAWN_CC_1 323563	49.43 3.71 0.00	40.58 3.04 0.00	36.13 2.86 0.00	33.63 2.41 0.00	30.69 2.20 0.00	33.60 2.49 0.00	35.76 2.71 0.00	35.15 2.60 0.00	39.56 2.84 0.00	45.42 3.29 0.00	42.31 2.89 0.00	41.42 2.58 0.00	42.39 2.46 0.00	44.87 2.84 0.00	48.02 2.94 0.00	48.73 3.12 0.00	55.61 3.89 -0.04	54.90 3.93 0.00	62.31 3.93 0.00	61.65 4.01 0.00	65.05 3.82 0.00	57.25 3.47 0.00	58.35 3.38 0.00	55.59 2.55 0.00
PJM_GEN_HTP_PROXY 323702	48.62 2.90 0.00	39.97 2.43 0.00	35.51 2.24 0.00	33.14 1.92 0.00	30.22 1.74 0.00	33.08 1.98 0.00	35.24 2.18 0.00	34.66 2.11 0.00	38.95 2.23 0.00	44.59 2.46 0.00	41.66 2.25 0.00	43.17 2.12 -2.22	41.25 2.13 0.81	44.22 2.20 0.00	47.29 2.22 0.00	47.80 2.18 0.00	54.27 2.58 0.00	53.69 2.72 0.00	61.17 2.79 0.00	60.24 2.60 0.00	63.62 2.39 0.00	56.05 2.27 0.00	58.14 2.17 -1.01	54.74 1.70 0.00
PJM_GEN_KEystone 24065	40.65 -0.23 4.85	37.50 -0.03 0.00	33.26 -0.02 0.00	26.25 -0.06 4.92	25.02 -0.07 3.40	23.88 -0.09 7.13	31.97 -0.16 0.93	32.27 -0.28 0.00	35.33 -0.37 1.02	41.66 -0.47 0.00	30.09 -0.43 8.88	40.00 -0.44 -1.60	38.72 -0.40 0.81	40.63 -0.41 0.98	44.62 -0.45 0.00	45.17 -0.45 0.00	51.24 -0.44 0.00	50.62 -0.34 0.00	57.83 -0.55 0.00	56.48 -0.74 0.42	60.18 -1.05 0.00	52.92 -0.86 0.00	51.25 -0.64 3.08	46.04 -0.75 6.25
PJM_GEN_NEPTUNE_PROXY 323594	48.87 3.14 0.00	40.15 2.61 0.00	35.74 2.47 0.00	33.29 2.07 0.00	30.37 1.89 0.00	33.25 2.15 0.00	35.39 2.33 0.00	34.78 2.23 0.00	39.12 2.40 0.00	44.89 2.77 0.00	41.86 2.45 0.00	43.27 2.22 -2.22	41.24 2.12 0.81	44.43 2.40 0.00	47.50 2.42 0.00	48.16 2.55 0.00	54.88 3.16 -0.04	54.15 3.18 0.00	61.50 3.12 0.00	60.82 3.18 0.00	64.16 2.93 0.00	56.53 2.76 0.00	58.61 2.64 -1.01	54.96 1.91 0.00
PJM_GEN_VFT_PROXY 323633	48.32 2.60 0.00	39.75 2.21 0.00	35.32 2.05 0.00	32.94 1.72 0.00	30.05 1.57 0.00	32.90 1.79 0.00	35.04 1.98 0.00	34.46 1.91 0.00	38.72 2.01 0.00	44.32 2.19 0.00	41.41 2.00 0.00	42.93 1.88 -2.22	40.99 1.88 0.81	43.95 1.92 0.00	47.02 1.94 0.00	47.51 1.90 0.00	53.94 2.25 0.00	53.32 2.36 0.00	60.75 2.37 0.00	59.78 2.14 0.00	63.12 1.89 0.00	55.64 1.86 0.00	57.73 1.75 -1.01	54.35 1.31 0.00
PLATSBURG_115KV_PMLD1 355749	45.76 0.04 0.00	37.48 -0.05 0.00	32.99 -0.28 0.00	5.33 -0.65 25.24	-21.33 -0.81 49.00	-21.58 -0.84 51.85	-21.30 -0.86 53.51	-21.30 -0.83 53.02	-21.35 -0.80 57.26	-21.40 -0.87 62.65	-21.33 -0.78 59.97	-21.30 -0.74 59.40	-21.34 -0.83 60.45	-21.35 -0.92 62.45	-21.38 -1.07 65.39	28.19 -0.90 16.52	44.78 -1.11 5.79	50.43 -0.54 0.00	58.32 -0.06 0.00	58.41 0.77 0.00	62.80 1.57 0.00	55.33 1.56 0.00	56.74 1.77 0.00	55.21 2.17 0.00
PLEASANTVLY___LBMP 24000	48.30 2.57 0.00	39.68 2.15 0.00	35.24 1.97 0.00	32.89 1.67 0.00	29.98 1.50 0.00	32.81 1.70 0.00	34.95 1.89 0.00	34.39 1.84 0.00	38.66 1.94 0.00	44.28 2.15 0.00	41.36 1.95 0.00	40.66 1.82 0.00	41.75 1.81 0.00	43.93 1.91 0.00	47.05 1.97 0.00	47.55 1.94 0.00	54.03 2.34 0.00	53.44 2.47 0.00	60.96 2.58 0.00	60.02 2.38 0.00	63.45 2.22 0.00	55.83 2.05 0.00	56.93 1.95 0.00	54.59 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.52 2.80 0.00	39.88 2.34 0.00	35.42 2.15 0.00	33.05 1.83 0.00	30.14 1.66 0.00	32.99 1.88 0.00	35.12 2.06 0.00	34.56 2.01 0.00	38.85 2.13 0.00	44.48 2.35 0.00	41.55 2.14 0.00	40.83 2.00 0.00	41.93 2.00 0.00	44.11 2.09 0.00	47.22 2.15 0.00	47.75 2.13 0.00	54.27 2.58 0.00	53.69 2.73 0.00	61.23 2.85 0.00	60.29 2.66 0.00	63.72 2.48 0.00	56.05 2.28 0.00	57.15 2.18 0.00	54.75 1.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.52 2.80 0.00	39.88 2.34 0.00	35.42 2.15 0.00	33.05 1.83 0.00	30.14 1.66 0.00	32.99 1.88 0.00	35.12 2.06 0.00	34.56 2.01 0.00	38.85 2.13 0.00	44.48 2.35 0.00	41.55 2.14 0.00	40.83 2.00 0.00	41.93 2.00 0.00	44.11 2.09 0.00	47.22 2.15 0.00	47.75 2.13 0.00	54.27 2.58 0.00	53.69 2.73 0.00	61.23 2.85 0.00	60.29 2.66 0.00	63.72 2.48 0.00	56.05 2.28 0.00	57.15 2.18 0.00	54.75 1.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.87 3.15 0.00	40.16 2.62 0.00	35.63 2.36 0.00	33.25 2.03 0.00	30.30 1.82 0.00	33.18 2.07 0.00	35.34 2.28 0.00	34.81 2.26 0.00	39.15 2.43 0.00	44.81 2.68 0.00	41.79 2.38 0.00	41.05 2.21 0.00	42.18 2.24 0.00	44.43 2.40 0.00	47.65 2.58 0.00	48.20 2.59 0.00	54.85 3.17 0.00	54.30 3.33 0.00	61.92 3.53 0.00	60.94 3.31 0.00	64.38 3.15 0.00	56.57 2.80 0.00	57.64 2.66 0.00	55.22 2.18 0.00
POLETTI_____ 23519	48.54 2.82 0.00	39.93 2.39 0.00	35.48 2.21 0.00	33.12 1.90 0.00	30.23 1.75 0.00	33.10 1.99 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.22 0.00	44.52 2.39 0.00	41.59 2.18 0.00	40.90 2.06 0.00	41.99 2.05 0.00	44.11 2.08 0.00	47.12 2.04 0.00	47.60 1.98 0.00	54.04 2.36 0.00	53.45 2.49 0.00	60.92 2.54 0.00	59.97 2.33 0.00	63.32 2.09 0.00	55.79 2.02 0.00	56.87 1.90 0.00	54.49 1.45 0.00
POMONA___ESR 323819	48.15 2.43 0.00	39.58 2.04 0.00	35.16 1.89 0.00	32.80 1.58 0.00	29.91 1.43 0.00	32.74 1.63 0.00	34.87 1.81 0.00	34.27 1.72 0.00	38.48 1.76 0.00	44.06 1.93 0.00	41.17 1.76 0.00	40.47 1.63 0.00	41.56 1.63 0.00	43.74 1.71 0.00	46.86 1.79 0.00	47.40 1.79 0.00	53.88 2.19 0.00	53.30 2.33 0.00	60.78 2.40 0.00	59.83 2.19 0.00	63.29 2.06 0.00	55.67 1.90 0.00	56.77 1.80 0.00	54.40 1.36 0.00
PORT_JEFF_3 23555	49.68 3.95 0.00	40.75 3.21 0.00	36.29 3.02 0.00	33.77 2.55 0.00	30.82 2.34 0.00	33.75 2.64 0.00	35.92 2.86 0.00	35.31 2.76 0.00	39.75 3.04 0.00	45.65 3.52 0.00	42.53 3.11 0.00	41.60 2.76 0.00	42.56 2.62 0.00	45.03 3.01 0.00	48.09 3.02 0.00	48.85 3.23 0.00	55.84 4.11 -0.04	55.19 4.21 0.00	62.56 4.18 0.00	61.89 4.25 0.00	65.28 4.05 0.00	57.40 3.62 0.00	58.57 3.59 0.00	55.76 2.72 0.00

PORT_JEFF_4 23616	49.68 3.95 0.00	40.75 3.21 0.00	36.29 3.02 0.00	33.77 2.55 0.00	30.82 2.34 0.00	33.75 2.64 0.00	35.92 2.86 0.00	35.31 2.76 0.00	39.75 3.04 0.00	45.65 3.52 0.00	42.53 3.11 0.00	41.60 2.76 0.00	42.56 2.62 0.00	45.03 3.01 0.00	48.09 3.02 0.00	48.85 3.23 0.00	55.84 4.11 -0.04	55.19 4.21 0.00	62.56 4.18 0.00	61.89 4.25 0.00	65.28 4.05 0.00	57.40 3.62 0.00	58.57 3.59 0.00	55.76 2.72 0.00
PORT_JEFF_IC 23713	49.71 3.99 0.00	40.77 3.23 0.00	36.30 3.03 0.00	33.79 2.57 0.00	30.83 2.35 0.00	33.76 2.65 0.00	35.92 2.86 0.00	35.33 2.78 0.00	39.78 3.07 0.00	45.69 3.56 0.00	42.56 3.14 0.00	41.62 2.79 0.00	42.58 2.65 0.00	45.06 3.04 0.00	48.12 3.04 0.00	48.89 3.27 0.00	55.90 4.18 -0.04	55.26 4.29 0.00	62.64 4.26 0.00	61.96 4.33 0.00	65.36 4.13 0.00	57.45 3.67 0.00	58.62 3.65 0.00	55.81 2.77 0.00
PPL PILGRIM_ST_GT1 24216	49.78 4.06 0.00	40.84 3.30 0.00	36.39 3.12 0.00	33.88 2.66 0.00	30.92 2.43 0.00	33.84 2.74 0.00	36.02 2.96 0.00	35.40 2.85 0.00	39.84 3.13 0.00	45.75 3.62 0.00	42.64 3.23 0.00	41.73 2.89 0.00	42.72 2.78 0.00	45.22 3.19 0.00	48.32 3.25 0.00	49.08 3.47 0.00	56.04 4.32 -0.04	55.32 4.35 0.00	62.72 4.34 0.00	62.07 4.43 0.00	65.50 4.27 0.00	57.64 3.87 0.00	58.77 3.80 0.00	55.93 2.88 0.00
PPL PILGRIM_ST_GT2 24217	49.78 4.06 0.00	40.84 3.30 0.00	36.39 3.12 0.00	33.88 2.66 0.00	30.92 2.43 0.00	33.84 2.74 0.00	36.02 2.96 0.00	35.40 2.85 0.00	39.84 3.13 0.00	45.75 3.62 0.00	42.64 3.23 0.00	41.73 2.89 0.00	42.72 2.78 0.00	45.22 3.19 0.00	48.32 3.25 0.00	49.08 3.47 0.00	56.04 4.32 -0.04	55.32 4.35 0.00	62.72 4.34 0.00	62.07 4.43 0.00	65.50 4.27 0.00	57.64 3.87 0.00	58.77 3.80 0.00	55.93 2.88 0.00
PPL_SHRM_GT3 24213	49.86 4.13 0.00	40.87 3.33 0.00	36.35 3.08 0.00	33.83 2.61 0.00	30.87 2.39 0.00	33.79 2.69 0.00	35.99 2.93 0.00	35.39 2.84 0.00	39.86 3.14 0.00	45.77 3.64 0.00	42.61 3.20 0.00	41.60 2.77 0.00	42.51 2.58 0.00	45.05 3.02 0.00	48.10 3.02 0.00	48.90 3.29 0.00	56.04 4.32 -0.04	55.49 4.52 0.00	62.83 4.45 0.00	62.16 4.52 0.00	65.59 4.36 0.00	57.54 3.77 0.00	58.85 3.88 0.00	56.13 3.08 0.00
PPL_SHRM_GT4 24214	49.86 4.13 0.00	40.87 3.33 0.00	36.35 3.08 0.00	33.83 2.61 0.00	30.87 2.39 0.00	33.79 2.69 0.00	35.99 2.93 0.00	35.39 2.84 0.00	39.86 3.14 0.00	45.77 3.64 0.00	42.61 3.20 0.00	41.60 2.77 0.00	42.51 2.58 0.00	45.05 3.02 0.00	48.10 3.02 0.00	48.90 3.29 0.00	56.04 4.32 -0.04	55.49 4.52 0.00	62.83 4.45 0.00	62.16 4.52 0.00	65.59 4.36 0.00	57.54 3.77 0.00	58.85 3.88 0.00	56.13 3.08 0.00
PROJECT___ORANGE 1 24174	44.63 -1.09 0.00	36.68 -0.86 0.00	32.49 -0.79 0.00	30.54 -0.69 0.00	27.94 -0.54 0.00	30.43 -0.67 0.00	32.32 -0.74 0.00	31.84 -0.70 0.00	35.89 -0.82 0.00	41.19 -0.94 0.00	38.52 -0.89 0.00	38.02 -0.82 0.00	39.14 -0.80 0.00	41.22 -0.81 0.00	44.24 -0.84 0.00	44.80 -0.82 0.00	50.87 -0.82 0.00	50.24 -0.73 0.00	57.47 -0.90 0.00	56.63 -1.01 0.00	59.99 -1.24 0.00	52.61 -1.17 0.00	53.78 -1.20 0.00	51.79 -1.26 0.00
PROJECT___ORANGE 2 24166	44.63 -1.09 0.00	36.68 -0.86 0.00	32.49 -0.79 0.00	30.54 -0.69 0.00	27.94 -0.54 0.00	30.43 -0.67 0.00	32.32 -0.74 0.00	31.84 -0.70 0.00	35.89 -0.82 0.00	41.19 -0.94 0.00	38.52 -0.89 0.00	38.02 -0.82 0.00	39.14 -0.80 0.00	41.22 -0.81 0.00	44.24 -0.84 0.00	44.80 -0.82 0.00	50.87 -0.82 0.00	50.24 -0.73 0.00	57.47 -0.90 0.00	56.63 -1.01 0.00	59.99 -1.24 0.00	52.61 -1.17 0.00	53.78 -1.20 0.00	51.79 -1.26 0.00
PUCKETT___SOLAR 323809	45.77 0.04 0.00	37.69 0.15 0.00	33.34 0.07 0.00	31.28 0.06 0.00	28.52 0.03 0.00	31.10 0.00 0.00	33.12 0.06 0.00	32.82 0.26 0.00	37.03 0.32 0.00	42.36 0.23 0.00	39.43 0.02 0.00	39.00 0.16 0.00	40.14 0.21 0.00	42.38 0.35 0.00	45.38 0.30 0.00	45.98 0.37 0.00	52.29 0.60 0.00	51.73 0.76 0.00	59.22 0.84 0.00	58.59 0.95 0.00	62.15 0.92 0.00	54.50 0.73 0.00	55.77 0.79 0.00	53.70 0.65 0.00
PYRITES___HYD 24023	46.54 0.81 0.00	38.23 0.69 0.00	33.75 0.48 0.00	35.38 0.40 -3.76	35.92 0.14 -7.30	38.90 0.06 -7.73	40.96 -0.08 -7.97	40.34 -0.11 -7.90	45.31 0.06 -8.53	51.69 0.23 -9.34	48.71 0.36 -8.93	48.07 0.38 -8.85	49.21 0.26 -9.01	51.38 0.05 -9.31	54.63 -0.19 -9.75	48.29 0.22 -2.46	52.70 0.15 -0.86	51.17 0.20 0.00	58.87 0.50 0.00	58.57 0.93 0.00	62.60 1.37 0.00	55.16 1.39 0.00	56.72 1.74 0.00	55.47 2.43 0.00
QUAKERRD_115KV_BK1 80622	42.62 -3.10 0.00	35.10 -2.44 0.00	31.06 -2.21 0.00	29.30 -1.92 0.00	26.77 -1.71 0.00	29.18 -1.93 0.00	30.99 -2.07 0.00	30.34 -2.22 0.00	34.29 -2.43 0.00	39.35 -2.78 0.00	35.02 -2.50 1.89	36.37 -2.47 0.00	37.47 -2.46 0.00	39.50 -2.53 0.00	42.46 -2.62 0.00	43.07 -2.55 0.00	48.86 -2.82 0.00	48.30 -2.67 0.00	55.22 -3.16 0.00	54.30 -3.34 0.00	57.42 -3.81 0.00	50.30 -3.47 0.00	51.67 -3.31 0.00	49.86 -3.19 0.00
QUEENSBRY_115KV_TB8 356137	48.97 3.25 0.00	40.10 2.56 0.00	35.57 2.29 0.00	33.17 1.95 0.00	30.17 1.69 0.00	33.01 1.91 0.00	35.44 2.38 0.00	35.04 2.49 0.00	39.51 2.79 0.00	45.33 3.21 0.00	42.36 2.94 0.00	41.92 3.09 0.00	43.09 3.16 0.00	45.28 3.26 0.00	48.38 3.31 0.00	48.93 3.32 0.00	55.62 3.93 0.00	54.95 3.98 0.00	62.65 4.27 0.00	61.56 3.93 0.00	65.13 3.90 0.00	57.20 3.42 0.00	58.22 3.25 0.00	55.81 2.77 0.00
RAMAPO___LBMP 323565	48.03 2.30 0.00	39.48 1.94 0.00	35.06 1.79 0.00	32.71 1.49 0.00	29.83 1.35 0.00	32.66 1.55 0.00	34.77 1.71 0.00	34.19 1.63 0.00	38.38 1.67 0.00	43.94 1.81 0.00	41.04 1.63 0.00	40.35 1.52 0.00	41.45 1.51 0.00	43.61 1.58 0.00	46.74 1.66 0.00	47.28 1.66 0.00	53.74 2.05 0.00	53.15 2.18 0.00	60.60 2.23 0.00	59.66 2.02 0.00	63.14 1.91 0.00	55.54 1.76 0.00	56.63 1.66 0.00	54.28 1.23 0.00
RANKINE____ 23646	42.43 -3.29 0.00	35.12 -2.41 0.00	31.04 -2.24 0.00	29.39 -1.84 0.00	26.78 -1.70 0.00	29.17 -1.94 0.00	30.95 -2.11 0.00	30.02 -2.53 0.00	34.00 -2.71 0.00	38.98 -3.16 0.00	32.99 -2.75 3.67	36.06 -2.78 0.00	37.27 -2.67 0.00	39.42 -2.61 0.00	42.43 -2.65 0.00	43.26 -2.36 0.00	49.01 -2.68 0.00	48.59 -2.38 0.00	55.66 -2.72 0.00	54.72 -2.91 0.00	57.82 -3.41 0.00	50.74 -3.04 0.00	52.54 -2.43 0.00	50.90 -2.14 0.00
RAVENSWOOD_GT2_1 24244	48.61 2.88 0.00	39.97 2.43 0.00	35.51 2.24 0.00	33.14 1.92 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.10 0.00	44.20 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.25 2.57 0.00	53.66 2.69 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00

RAVENSWOOD_GT2_2 24245	48.61 2.88 0.00	39.97 2.43 0.00	35.51 2.24 0.00	33.14 1.92 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.10 0.00	44.20 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.25 2.57 0.00	53.66 2.69 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00
RAVENSWOOD_GT2_3 24246	48.62 2.90 0.00	39.98 2.45 0.00	35.52 2.25 0.00	33.15 1.93 0.00	30.23 1.75 0.00	33.09 1.98 0.00	35.23 2.17 0.00	34.67 2.12 0.00	38.96 2.24 0.00	44.59 2.46 0.00	41.67 2.26 0.00	40.96 2.12 0.00	42.07 2.13 0.00	44.22 2.19 0.00	47.31 2.23 0.00	47.80 2.19 0.00	54.27 2.58 0.00	53.70 2.73 0.00	61.18 2.80 0.00	60.25 2.61 0.00	63.62 2.39 0.00	56.05 2.28 0.00	57.14 2.17 0.00	54.75 1.71 0.00
RAVENSWOOD_GT2_4 24247	48.62 2.90 0.00	39.98 2.45 0.00	35.52 2.25 0.00	33.15 1.93 0.00	30.23 1.75 0.00	33.09 1.98 0.00	35.23 2.17 0.00	34.67 2.12 0.00	38.96 2.24 0.00	44.59 2.46 0.00	41.67 2.26 0.00	40.96 2.12 0.00	42.07 2.13 0.00	44.22 2.19 0.00	47.31 2.23 0.00	47.80 2.19 0.00	54.27 2.58 0.00	53.70 2.73 0.00	61.18 2.80 0.00	60.25 2.61 0.00	63.62 2.39 0.00	56.05 2.28 0.00	57.14 2.17 0.00	54.75 1.71 0.00
RAVENSWOOD_GT3_1 24248	48.61 2.88 0.00	39.97 2.43 0.00	35.51 2.24 0.00	33.14 1.92 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.11 0.00	44.21 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.25 2.57 0.00	53.66 2.69 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00
RAVENSWOOD_GT3_2 24249	48.61 2.88 0.00	39.97 2.43 0.00	35.51 2.24 0.00	33.14 1.92 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.11 0.00	44.21 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.25 2.57 0.00	53.66 2.69 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00
RAVENSWOOD_GT3_3 24250	48.67 2.95 0.00	40.02 2.49 0.00	35.55 2.28 0.00	33.19 1.96 0.00	30.26 1.78 0.00	33.12 2.01 0.00	35.26 2.20 0.00	34.70 2.15 0.00	38.99 2.28 0.00	44.64 2.51 0.00	41.72 2.31 0.00	41.01 2.17 0.00	42.11 2.17 0.00	44.27 2.24 0.00	47.35 2.28 0.00	47.85 2.24 0.00	54.33 2.64 0.00	53.75 2.79 0.00	61.27 2.89 0.00	60.32 2.68 0.00	63.70 2.47 0.00	56.11 2.34 0.00	57.20 2.23 0.00	54.80 1.76 0.00
RAVENSWOOD_GT3_4 24251	48.67 2.95 0.00	40.02 2.49 0.00	35.55 2.28 0.00	33.19 1.96 0.00	30.26 1.78 0.00	33.12 2.01 0.00	35.26 2.20 0.00	34.70 2.15 0.00	38.99 2.28 0.00	44.64 2.51 0.00	41.72 2.31 0.00	41.01 2.17 0.00	42.11 2.17 0.00	44.27 2.24 0.00	47.35 2.28 0.00	47.85 2.24 0.00	54.33 2.64 0.00	53.75 2.79 0.00	61.27 2.89 0.00	60.32 2.68 0.00	63.70 2.47 0.00	56.11 2.34 0.00	57.20 2.23 0.00	54.80 1.76 0.00
RAVENSWOOD_GT_1 23729	48.73 3.00 0.00	40.12 2.58 0.00	35.64 2.36 0.00	33.25 2.03 0.00	30.31 1.83 0.00	33.17 2.06 0.00	35.32 2.26 0.00	34.76 2.21 0.00	39.06 2.35 0.00	44.69 2.57 0.00	41.77 2.36 0.00	41.07 2.23 0.00	42.16 2.22 0.00	44.30 2.28 0.00	47.35 2.27 0.00	47.86 2.25 0.00	54.29 2.61 0.00	53.74 2.78 0.00	61.25 2.87 0.00	60.32 2.69 0.00	63.72 2.49 0.00	56.14 2.36 0.00	57.23 2.26 0.00	54.85 1.81 0.00
RAVENSWOOD_GT_10 24258	48.60 2.88 0.00	39.97 2.43 0.00	35.50 2.23 0.00	33.13 1.91 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.10 0.00	44.20 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00
RAVENSWOOD_GT_11 24259	48.60 2.88 0.00	39.97 2.43 0.00	35.50 2.23 0.00	33.13 1.91 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.10 0.00	44.20 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00
RAVENSWOOD_GT_4 24252	48.60 2.88 0.00	39.96 2.42 0.00	35.49 2.22 0.00	33.13 1.91 0.00	30.21 1.73 0.00	33.07 1.97 0.00	35.21 2.15 0.00	34.65 2.10 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.64 2.23 0.00	40.95 2.11 0.00	42.04 2.11 0.00	44.20 2.18 0.00	47.29 2.22 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.22 2.58 0.00	63.61 2.38 0.00	56.04 2.27 0.00	57.13 2.16 0.00	54.73 1.68 0.00
RAVENSWOOD_GT_5 24254	48.60 2.88 0.00	39.96 2.42 0.00	35.49 2.22 0.00	33.13 1.91 0.00	30.21 1.73 0.00	33.07 1.97 0.00	35.21 2.15 0.00	34.65 2.10 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.64 2.23 0.00	40.95 2.11 0.00	42.04 2.11 0.00	44.20 2.18 0.00	47.29 2.22 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.22 2.58 0.00	63.61 2.38 0.00	56.04 2.27 0.00	57.13 2.16 0.00	54.73 1.68 0.00
RAVENSWOOD_GT_6 24253	48.60 2.88 0.00	39.96 2.42 0.00	35.49 2.22 0.00	33.13 1.91 0.00	30.21 1.73 0.00	33.07 1.97 0.00	35.21 2.15 0.00	34.65 2.10 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.64 2.23 0.00	40.95 2.11 0.00	42.04 2.11 0.00	44.20 2.18 0.00	47.29 2.22 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.22 2.58 0.00	63.61 2.38 0.00	56.04 2.27 0.00	57.13 2.16 0.00	54.73 1.68 0.00
RAVENSWOOD_GT_7 24255	48.60 2.88 0.00	39.96 2.42 0.00	35.49 2.22 0.00	33.13 1.91 0.00	30.21 1.73 0.00	33.07 1.97 0.00	35.21 2.15 0.00	34.65 2.10 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.64 2.23 0.00	40.95 2.11 0.00	42.04 2.11 0.00	44.20 2.18 0.00	47.29 2.22 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.22 2.58 0.00	63.61 2.38 0.00	56.04 2.27 0.00	57.13 2.16 0.00	54.73 1.68 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.60 2.88 0.00	39.97 2.43 0.00	35.50 2.23 0.00	33.13 1.91 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.10 0.00	44.20 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00

RAVENSWOOD_GT_9 24257	48.60 2.88 0.00	39.97 2.43 0.00	35.50 2.23 0.00	33.13 1.91 0.00	30.22 1.74 0.00	33.08 1.97 0.00	35.21 2.15 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.44 0.00	41.65 2.24 0.00	40.95 2.11 0.00	42.04 2.10 0.00	44.20 2.18 0.00	47.29 2.21 0.00	47.78 2.16 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.26 0.00	57.13 2.15 0.00	54.73 1.68 0.00
RAVENSWOOD___1 23533	48.64 2.92 0.00	40.04 2.50 0.00	35.58 2.31 0.00	33.20 1.97 0.00	30.26 1.78 0.00	33.11 2.00 0.00	35.28 2.23 0.00	34.69 2.14 0.00	38.99 2.28 0.00	44.61 2.48 0.00	41.70 2.29 0.00	40.99 2.15 0.00	42.08 2.15 0.00	44.22 2.20 0.00	47.28 2.20 0.00	47.80 2.19 0.00	54.22 2.53 0.00	53.67 2.71 0.00	61.15 2.77 0.00	60.22 2.58 0.00	63.60 2.37 0.00	56.03 2.25 0.00	57.12 2.15 0.00	54.74 1.70 0.00
RAVENSWOOD___2 23534	48.64 2.92 0.00	40.04 2.50 0.00	35.58 2.31 0.00	33.20 1.97 0.00	30.26 1.78 0.00	33.11 2.00 0.00	35.28 2.23 0.00	34.69 2.14 0.00	38.99 2.28 0.00	44.61 2.48 0.00	41.70 2.29 0.00	40.99 2.15 0.00	42.08 2.15 0.00	44.22 2.20 0.00	47.28 2.20 0.00	47.80 2.19 0.00	54.22 2.53 0.00	53.67 2.71 0.00	61.15 2.77 0.00	60.22 2.58 0.00	63.60 2.37 0.00	56.03 2.25 0.00	57.12 2.15 0.00	54.74 1.70 0.00
RAVENSWOOD___3 23535	48.61 2.89 0.00	39.97 2.44 0.00	35.52 2.25 0.00	33.14 1.92 0.00	30.21 1.74 0.00	33.08 1.97 0.00	35.23 2.17 0.00	34.66 2.11 0.00	38.94 2.23 0.00	44.57 2.45 0.00	41.66 2.25 0.00	40.95 2.12 0.00	42.04 2.11 0.00	44.21 2.18 0.00	47.28 2.21 0.00	47.79 2.17 0.00	54.26 2.57 0.00	53.67 2.70 0.00	61.15 2.78 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.27 0.00	57.13 2.16 0.00	54.72 1.68 0.00
RAVENSWOOD___4 23820	48.64 2.92 0.00	40.04 2.50 0.00	35.58 2.31 0.00	33.20 1.97 0.00	30.26 1.78 0.00	33.11 2.00 0.00	35.28 2.23 0.00	34.69 2.14 0.00	38.99 2.28 0.00	44.61 2.48 0.00	41.70 2.29 0.00	40.99 2.15 0.00	42.08 2.15 0.00	44.22 2.20 0.00	47.28 2.20 0.00	47.80 2.19 0.00	54.22 2.53 0.00	53.67 2.71 0.00	61.15 2.77 0.00	60.22 2.58 0.00	63.60 2.37 0.00	56.03 2.25 0.00	57.12 2.15 0.00	54.74 1.70 0.00
RCPL_TRUST___DRP 24196	48.67 2.95 0.00	40.02 2.48 0.00	35.55 2.28 0.00	33.18 1.96 0.00	30.26 1.78 0.00	33.12 2.01 0.00	35.26 2.20 0.00	34.71 2.15 0.00	39.00 2.28 0.00	44.64 2.51 0.00	41.71 2.30 0.00	41.01 2.17 0.00	42.11 2.17 0.00	44.27 2.24 0.00	47.35 2.28 0.00	47.85 2.23 0.00	54.33 2.64 0.00	53.76 2.79 0.00	61.25 2.87 0.00	60.31 2.67 0.00	63.70 2.46 0.00	56.11 2.34 0.00	57.20 2.23 0.00	54.80 1.76 0.00
RED___ROCHESTER 323720	43.49 -2.23 0.00	35.81 -1.72 0.00	31.68 -1.59 0.00	29.91 -1.32 0.00	27.32 -1.16 0.00	29.77 -1.34 0.00	31.55 -1.51 0.00	30.89 -1.66 0.00	34.96 -1.76 0.00	40.14 -1.98 0.00	35.55 -1.73 2.13	37.11 -1.72 0.00	38.24 -1.69 0.00	40.35 -1.67 0.00	43.39 -1.68 0.00	44.04 -1.58 0.00	49.98 -1.71 0.00	49.45 -1.51 0.00	56.51 -1.87 0.00	55.55 -2.08 0.00	58.70 -2.53 0.00	51.40 -2.37 0.00	52.86 -2.12 0.00	51.01 -2.04 0.00
REGAN___SOLAR 323812	48.45 2.72 0.00	39.71 2.17 0.00	35.16 1.89 0.00	32.93 1.71 0.00	30.03 1.55 0.00	32.83 1.72 0.00	34.95 1.90 0.00	34.48 1.93 0.00	38.94 2.22 0.00	44.64 2.51 0.00	41.66 2.24 0.00	41.10 2.26 0.00	42.30 2.37 0.00	44.51 2.48 0.00	47.84 2.76 0.00	48.58 2.96 0.00	55.29 3.60 0.00	54.64 3.67 0.00	62.49 4.11 0.00	61.54 3.90 0.00	65.29 4.06 0.00	57.21 3.43 0.00	58.34 3.36 0.00	56.13 3.08 0.00
RENSSELAER___COGEN 23796	47.39 1.67 0.00	38.88 1.35 0.00	34.56 1.29 0.00	32.41 1.19 0.00	29.61 1.13 0.00	32.33 1.22 0.00	34.37 1.31 0.00	33.87 1.32 0.00	38.08 1.37 0.00	43.71 1.58 0.00	40.87 1.46 0.00	40.27 1.43 0.00	41.40 1.46 0.00	43.51 1.48 0.00	46.59 1.51 0.00	46.81 1.19 0.00	53.07 1.39 0.00	52.41 1.44 0.00	59.87 1.49 0.00	58.95 1.31 0.00	62.49 1.26 0.00	54.92 1.14 0.00	56.11 1.14 0.00	54.20 1.16 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.43 5.71 0.00	42.12 4.59 0.00	37.53 4.26 0.00	34.66 3.44 0.00	31.37 2.88 0.00	34.37 3.26 0.00	37.34 4.28 0.00	36.97 4.42 0.00	41.63 4.91 0.00	47.74 5.61 0.00	44.65 5.24 0.00	44.13 5.30 0.00	45.42 5.48 0.00	47.73 5.70 0.00	50.92 5.84 0.00	51.44 5.82 0.00	58.61 6.92 0.00	57.93 6.96 0.00	65.84 7.46 0.00	64.53 6.89 0.00	68.22 6.99 0.00	60.10 6.32 0.00	61.16 6.19 0.00	58.38 5.33 0.00
REVERE_CPPR_DRP 24186	46.73 1.00 0.00	38.45 0.91 0.00	33.98 0.71 0.00	31.85 0.63 0.00	29.08 0.60 0.00	31.76 0.65 0.00	33.81 0.75 0.00	33.37 0.82 0.00	37.65 0.94 0.00	43.27 1.14 0.00	40.49 1.07 0.00	39.97 1.13 0.00	41.15 1.22 0.00	43.36 1.33 0.00	46.52 1.45 0.00	47.20 1.59 0.00	53.65 1.96 0.00	52.94 1.97 0.00	60.58 2.20 0.00	59.96 2.32 0.00	63.55 2.32 0.00	55.69 1.92 0.00	56.86 1.89 0.00	54.70 1.66 0.00
REYNOLDS_115KV_TB3 80639	47.63 1.90 0.00	38.99 1.45 0.00	34.67 1.40 0.00	32.50 1.28 0.00	29.68 1.20 0.00	32.43 1.32 0.00	34.48 1.42 0.00	33.97 1.42 0.00	38.20 1.48 0.00	43.87 1.74 0.00	41.04 1.63 0.00	40.45 1.62 0.00	41.56 1.62 0.00	43.66 1.63 0.00	46.75 1.67 0.00	47.07 1.46 0.00	53.34 1.65 0.00	52.66 1.70 0.00	60.16 1.78 0.00	59.23 1.59 0.00	62.81 1.58 0.00	55.20 1.42 0.00	56.38 1.40 0.00	54.32 1.28 0.00
RIVERBAY____ 323610	48.69 2.96 0.00	40.11 2.57 0.00	35.61 2.34 0.00	33.24 2.02 0.00	30.28 1.80 0.00	33.15 2.04 0.00	35.30 2.24 0.00	34.79 2.24 0.00	39.12 2.40 0.00	44.81 2.68 0.00	41.91 2.50 0.00	41.16 2.32 0.00	42.18 2.24 0.00	44.39 2.36 0.00	47.51 2.43 0.00	48.10 2.48 0.00	54.62 2.93 0.00	54.10 3.13 0.00	61.64 3.26 0.00	60.65 3.02 0.00	63.98 2.75 0.00	56.38 2.61 0.00	57.43 2.46 0.00	55.08 2.04 0.00
RIVERSDE_115KV_TB3 55908	47.58 1.85 0.00	38.98 1.45 0.00	34.65 1.38 0.00	32.50 1.28 0.00	29.68 1.20 0.00	32.41 1.30 0.00	34.46 1.40 0.00	33.96 1.41 0.00	38.18 1.46 0.00	43.83 1.70 0.00	41.00 1.59 0.00	40.41 1.57 0.00	41.53 1.60 0.00	43.64 1.61 0.00	46.73 1.66 0.00	46.99 1.38 0.00	53.27 1.58 0.00	52.60 1.63 0.00	60.07 1.70 0.00	59.15 1.51 0.00	62.72 1.49 0.00	55.11 1.33 0.00	56.29 1.32 0.00	54.33 1.28 0.00
ROARING___BROOK_WT_PWR 323790	44.49 -1.23 0.00	36.60 -0.94 0.00	32.35 -0.93 0.00	30.34 -0.88 0.00	27.61 -0.87 0.00	30.16 -0.95 0.00	32.05 -1.01 0.00	31.57 -0.98 0.00	35.70 -1.01 0.00	41.01 -1.12 0.00	38.40 -1.01 0.00	37.86 -0.98 0.00	38.96 -0.97 0.00	41.12 -0.91 0.00	44.20 -0.87 0.00	44.92 -0.69 0.00	50.81 -0.88 0.00	50.25 -0.72 0.00	57.82 -0.55 0.00	57.32 -0.31 0.00	61.29 0.05 0.00	53.93 0.15 0.00	55.23 0.26 0.00	53.43 0.39 0.00

ROCHESRG_115KV_T4 355643	42.99 -2.73 0.00	35.43 -2.10 0.00	31.35 -1.92 0.00	29.61 -1.62 0.00	27.03 -1.45 0.00	29.45 -1.66 0.00	31.26 -1.80 0.00	30.55 -2.00 0.00	34.55 -2.16 0.00	39.65 -2.49 0.00	35.12 -2.20 2.09	36.64 -2.19 0.00	37.76 -2.18 0.00	39.82 -2.20 0.00	42.81 -2.27 0.00	43.44 -2.17 0.00	49.27 -2.41 0.00	48.73 -2.23 0.00	55.70 -2.68 0.00	54.76 -2.88 0.00	57.88 -3.35 0.00	50.73 -3.04 0.00	52.21 -2.76 0.00	50.42 -2.62 0.00
ROCHESTER_9_IC 23652	43.26 -2.47 0.00	35.63 -1.91 0.00	31.53 -1.75 0.00	29.77 -1.46 0.00	27.18 -1.30 0.00	29.62 -1.49 0.00	31.44 -1.62 0.00	30.73 -1.83 0.00	34.75 -1.96 0.00	39.90 -2.23 0.00	35.33 -1.96 2.13	36.88 -1.96 0.00	38.00 -1.93 0.00	40.08 -1.95 0.00	43.11 -1.97 0.00	43.76 -1.86 0.00	49.64 -2.05 0.00	49.10 -1.87 0.00	56.11 -2.27 0.00	55.17 -2.47 0.00	58.30 -2.94 0.00	51.08 -2.70 0.00	52.54 -2.43 0.00	50.72 -2.32 0.00
ROCKVIEW_13_KV_LD 356306	48.74 3.02 0.00	40.06 2.53 0.00	35.58 2.31 0.00	33.21 1.99 0.00	30.27 1.79 0.00	33.14 2.03 0.00	35.27 2.21 0.00	34.72 2.16 0.00	39.01 2.29 0.00	44.67 2.53 0.00	41.73 2.32 0.00	41.01 2.17 0.00	42.11 2.18 0.00	44.31 2.28 0.00	47.43 2.35 0.00	47.94 2.33 0.00	54.50 2.81 0.00	53.91 2.95 0.00	61.47 3.09 0.00	60.52 2.89 0.00	63.96 2.73 0.00	56.27 2.50 0.00	57.37 2.40 0.00	54.95 1.91 0.00
ROME____115KV_TB2 80656	46.73 1.00 0.00	38.45 0.91 0.00	33.98 0.71 0.00	31.85 0.63 0.00	29.08 0.60 0.00	31.76 0.65 0.00	33.81 0.75 0.00	33.37 0.82 0.00	37.65 0.94 0.00	43.27 1.14 0.00	40.49 1.07 0.00	39.97 1.13 0.00	41.15 1.22 0.00	43.36 1.33 0.00	46.52 1.45 0.00	47.20 1.59 0.00	53.65 1.96 0.00	52.94 1.97 0.00	60.58 2.20 0.00	59.96 2.32 0.00	63.55 2.32 0.00	55.69 1.92 0.00	56.86 1.89 0.00	54.70 1.66 0.00
ROSETON___1 23587	48.18 2.45 0.00	39.59 2.05 0.00	35.15 1.88 0.00	32.81 1.59 0.00	29.92 1.44 0.00	32.74 1.63 0.00	34.87 1.81 0.00	34.31 1.76 0.00	38.55 1.84 0.00	44.15 2.02 0.00	41.24 1.83 0.00	40.54 1.70 0.00	41.64 1.70 0.00	43.81 1.79 0.00	46.93 1.85 0.00	47.45 1.84 0.00	53.92 2.23 0.00	53.33 2.36 0.00	60.83 2.45 0.00	59.88 2.25 0.00	63.33 2.10 0.00	55.72 1.94 0.00	56.82 1.85 0.00	54.48 1.43 0.00
ROSETON___2 23588	48.18 2.45 0.00	39.59 2.05 0.00	35.15 1.88 0.00	32.81 1.59 0.00	29.92 1.44 0.00	32.74 1.63 0.00	34.87 1.81 0.00	34.31 1.76 0.00	38.55 1.84 0.00	44.15 2.02 0.00	41.24 1.83 0.00	40.54 1.70 0.00	41.64 1.70 0.00	43.81 1.79 0.00	46.93 1.85 0.00	47.45 1.84 0.00	53.92 2.23 0.00	53.33 2.36 0.00	60.83 2.45 0.00	59.88 2.25 0.00	63.33 2.10 0.00	55.72 1.94 0.00	56.82 1.85 0.00	54.48 1.43 0.00
ROTRDAM_115KV_TB3 80664	47.17 1.45 0.00	38.69 1.16 0.00	34.33 1.06 0.00	32.16 0.94 0.00	29.34 0.85 0.00	32.07 0.96 0.00	34.11 1.05 0.00	33.60 1.05 0.00	37.85 1.14 0.00	43.43 1.30 0.00	40.61 1.20 0.00	40.02 1.19 0.00	41.14 1.21 0.00	43.27 1.25 0.00	46.38 1.31 0.00	46.92 1.30 0.00	53.24 1.55 0.00	52.57 1.60 0.00	60.07 1.70 0.00	59.21 1.57 0.00	62.76 1.53 0.00	55.14 1.37 0.00	56.27 1.30 0.00	54.13 1.09 0.00
RUSSELL___1 23602	43.49 -2.23 0.00	35.82 -1.72 0.00	31.69 -1.58 0.00	29.92 -1.30 0.00	27.31 -1.17 0.00	29.77 -1.34 0.00	31.60 -1.45 0.00	30.89 -1.66 0.00	34.96 -1.76 0.00	40.14 -1.99 0.00	35.56 -1.72 2.13	37.11 -1.72 0.00	38.24 -1.70 0.00	40.34 -1.68 0.00	43.39 -1.68 0.00	44.05 -1.57 0.00	49.99 -1.70 0.00	49.45 -1.51 0.00	56.51 -1.87 0.00	55.55 -2.09 0.00	58.70 -2.54 0.00	51.40 -2.38 0.00	52.85 -2.12 0.00	51.01 -2.04 0.00
RUSSELL___2 23532	43.49 -2.23 0.00	35.82 -1.72 0.00	31.69 -1.58 0.00	29.92 -1.30 0.00	27.31 -1.17 0.00	29.77 -1.34 0.00	31.60 -1.45 0.00	30.89 -1.66 0.00	34.96 -1.76 0.00	40.14 -1.99 0.00	35.56 -1.72 2.13	37.11 -1.72 0.00	38.24 -1.70 0.00	40.34 -1.68 0.00	43.39 -1.68 0.00	44.05 -1.57 0.00	49.99 -1.70 0.00	49.45 -1.51 0.00	56.51 -1.87 0.00	55.55 -2.09 0.00	58.70 -2.54 0.00	51.40 -2.38 0.00	52.85 -2.12 0.00	51.01 -2.04 0.00
RUSSELL___3 23549	43.49 -2.23 0.00	35.82 -1.72 0.00	31.69 -1.58 0.00	29.92 -1.30 0.00	27.31 -1.17 0.00	29.77 -1.34 0.00	31.60 -1.45 0.00	30.89 -1.66 0.00	34.96 -1.76 0.00	40.14 -1.99 0.00	35.56 -1.72 2.13	37.11 -1.72 0.00	38.24 -1.70 0.00	40.34 -1.68 0.00	43.39 -1.68 0.00	44.05 -1.57 0.00	49.99 -1.70 0.00	49.45 -1.51 0.00	56.51 -1.87 0.00	55.55 -2.09 0.00	58.70 -2.54 0.00	51.40 -2.38 0.00	52.85 -2.12 0.00	51.01 -2.04 0.00
RUSSELL___4 23556	43.49 -2.23 0.00	35.82 -1.72 0.00	31.69 -1.58 0.00	29.92 -1.30 0.00	27.31 -1.17 0.00	29.77 -1.34 0.00	31.60 -1.45 0.00	30.89 -1.66 0.00	34.96 -1.76 0.00	40.14 -1.99 0.00	35.56 -1.72 2.13	37.11 -1.72 0.00	38.24 -1.70 0.00	40.34 -1.68 0.00	43.39 -1.68 0.00	44.05 -1.57 0.00	49.99 -1.70 0.00	49.45 -1.51 0.00	56.51 -1.87 0.00	55.55 -2.09 0.00	58.70 -2.54 0.00	51.40 -2.38 0.00	52.85 -2.12 0.00	51.01 -2.04 0.00
RUSSELL___STATION 23914	43.49 -2.23 0.00	35.82 -1.72 0.00	31.69 -1.58 0.00	29.92 -1.30 0.00	27.31 -1.17 0.00	29.77 -1.34 0.00	31.60 -1.45 0.00	30.89 -1.66 0.00	34.96 -1.76 0.00	40.14 -1.99 0.00	35.56 -1.72 2.13	37.11 -1.72 0.00	38.24 -1.70 0.00	40.34 -1.68 0.00	43.39 -1.68 0.00	44.05 -1.57 0.00	49.99 -1.70 0.00	49.45 -1.51 0.00	56.51 -1.87 0.00	55.55 -2.09 0.00	58.70 -2.54 0.00	51.40 -2.38 0.00	52.85 -2.12 0.00	51.01 -2.04 0.00
S SALMON___HYD 24043	44.43 -1.29 0.00	36.51 -1.02 0.00	32.23 -1.04 0.00	30.25 -0.97 0.00	27.63 -0.85 0.00	30.11 -0.99 0.00	31.94 -1.12 0.00	31.51 -1.04 0.00	35.55 -1.17 0.00	40.90 -1.23 0.00	38.24 -1.18 0.00	37.72 -1.11 0.00	38.79 -1.14 0.00	40.86 -1.17 0.00	43.87 -1.21 0.00	44.55 -1.07 0.00	50.75 -0.94 0.00	50.27 -0.70 0.00	57.48 -0.90 0.00	57.10 -0.54 0.00	60.66 -0.57 0.00	53.17 -0.60 0.00	54.34 -0.63 0.00	52.37 -0.67 0.00
S.PERRY__115KV_TB1 80734	44.10 -1.62 0.00	36.39 -1.15 0.00	32.16 -1.11 0.00	30.33 -0.90 0.00	27.66 -0.82 0.00	30.16 -0.95 0.00	32.07 -0.99 0.00	31.43 -1.12 0.00	35.56 -1.16 0.00	40.80 -1.33 0.00	32.73 -1.23 5.45	37.52 -1.32 0.00	38.80 -1.13 0.00	41.08 -0.95 0.00	44.20 -0.87 0.00	45.11 -0.50 0.00	51.41 -0.28 0.00	50.94 -0.03 0.00	58.51 0.13 0.00	57.68 0.05 0.00	61.16 -0.07 0.00	53.48 -0.29 0.00	54.96 -0.01 0.00	53.00 -0.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.85 -3.87 0.00	34.64 -2.90 0.00	30.62 -2.65 0.00	29.02 -2.20 0.00	26.44 -2.04 0.00	28.82 -2.29 0.00	30.56 -2.50 0.00	29.61 -2.94 0.00	33.54 -3.18 0.00	38.46 -3.67 0.00	32.74 -3.25 3.43	35.56 -3.27 0.00	36.72 -3.21 0.00	38.80 -3.23 0.00	41.76 -3.32 0.00	42.52 -3.10 0.00	48.13 -3.56 0.00	47.72 -3.25 0.00	54.56 -3.82 0.00	53.64 -4.00 0.00	56.62 -4.61 0.00	49.69 -4.09 0.00	51.51 -3.46 0.00	49.93 -3.11 0.00

SAWYER___23_KV_LOAD 55526	41.85 -3.87 0.00	34.64 -2.90 0.00	30.62 -2.65 0.00	29.02 -2.20 0.00	26.44 -2.04 0.00	28.82 -2.29 0.00	30.56 -2.50 0.00	29.61 -2.94 0.00	33.54 -3.18 0.00	38.46 -3.67 0.00	32.74 -3.25 3.43	35.56 -3.27 0.00	36.72 -3.21 0.00	38.80 -3.23 0.00	41.76 -3.32 0.00	42.52 -3.10 0.00	48.13 -3.56 0.00	47.72 -3.25 0.00	54.56 -3.82 0.00	53.64 -4.00 0.00	56.62 -4.61 0.00	49.69 -4.09 0.00	51.51 -3.46 0.00	49.93 -3.11 0.00
SELKIRK___I 23801	47.42 1.69 0.00	38.92 1.38 0.00	34.56 1.29 0.00	32.42 1.20 0.00	29.60 1.12 0.00	32.33 1.22 0.00	34.37 1.31 0.00	33.86 1.31 0.00	38.07 1.36 0.00	43.67 1.55 0.00	40.74 1.33 0.00	40.24 1.40 0.00	41.38 1.45 0.00	43.53 1.51 0.00	46.64 1.56 0.00	47.00 1.39 0.00	53.28 1.60 0.00	52.59 1.62 0.00	60.11 1.74 0.00	59.22 1.58 0.00	62.79 1.56 0.00	55.16 1.38 0.00	56.35 1.38 0.00	54.37 1.33 0.00
SELKIRK___II 23799	47.28 1.55 0.00	38.79 1.25 0.00	34.46 1.18 0.00	32.30 1.08 0.00	29.49 1.01 0.00	32.22 1.11 0.00	34.25 1.20 0.00	33.75 1.20 0.00	37.97 1.25 0.00	43.56 1.43 0.00	40.71 1.30 0.00	40.10 1.26 0.00	41.24 1.30 0.00	43.37 1.34 0.00	46.46 1.38 0.00	46.79 1.17 0.00	53.06 1.37 0.00	52.38 1.41 0.00	59.85 1.47 0.00	58.95 1.31 0.00	62.50 1.27 0.00	54.92 1.14 0.00	56.09 1.12 0.00	54.11 1.06 0.00
SENECA OSWGO___HYD 24041	44.16 -1.57 0.00	36.29 -1.24 0.00	32.13 -1.14 0.00	30.22 -1.01 0.00	27.65 -0.83 0.00	30.12 -0.99 0.00	31.98 -1.09 0.00	31.52 -1.04 0.00	35.51 -1.21 0.00	40.76 -1.37 0.00	38.12 -1.29 0.00	37.62 -1.22 0.00	38.70 -1.24 0.00	40.75 -1.27 0.00	43.74 -1.34 0.00	44.30 -1.32 0.00	50.31 -1.38 0.00	49.70 -1.27 0.00	56.87 -1.51 0.00	56.05 -1.58 0.00	59.40 -1.83 0.00	52.08 -1.69 0.00	53.21 -1.76 0.00	51.25 -1.79 0.00
SENECA___115KV_TB3 355854	42.52 -3.20 0.00	35.19 -2.35 0.00	31.08 -2.19 0.00	29.44 -1.78 0.00	26.82 -1.66 0.00	29.22 -1.89 0.00	30.99 -2.07 0.00	30.06 -2.49 0.00	34.05 -2.67 0.00	39.05 -3.08 0.00	33.04 -2.70 3.67	36.12 -2.72 0.00	37.33 -2.61 0.00	39.48 -2.54 0.00	42.51 -2.57 0.00	43.33 -2.29 0.00	49.09 -2.60 0.00	48.69 -2.28 0.00	55.77 -2.61 0.00	54.84 -2.80 0.00	57.91 -3.33 0.00	50.82 -2.95 0.00	52.63 -2.35 0.00	50.99 -2.06 0.00
SENECA___ENERGY 23797	44.40 -1.32 0.00	36.63 -0.91 0.00	32.35 -0.92 0.00	30.46 -0.77 0.00	27.84 -0.64 0.00	30.35 -0.77 0.00	32.24 -0.82 0.00	31.76 -0.79 0.00	35.84 -0.87 0.00	41.00 -1.13 0.00	37.59 -1.03 0.79	37.92 -0.91 0.00	39.11 -0.83 0.00	41.21 -0.82 0.00	44.29 -0.79 0.00	44.91 -0.70 0.00	50.98 -0.71 0.00	50.42 -0.55 0.00	57.73 -0.65 0.00	56.83 -0.80 0.00	60.18 -1.05 0.00	52.69 -1.09 0.00	53.92 -1.05 0.00	51.90 -1.14 0.00
SHOEMAKER___GT 23640	47.81 2.09 0.00	39.27 1.74 0.00	34.88 1.61 0.00	32.58 1.36 0.00	29.70 1.22 0.00	32.50 1.39 0.00	34.60 1.55 0.00	34.05 1.50 0.00	38.26 1.54 0.00	43.75 1.63 0.00	40.84 1.43 0.00	40.14 1.30 0.00	41.26 1.33 0.00	43.43 1.40 0.00	46.59 1.51 0.00	47.18 1.57 0.00	53.68 2.00 0.00	53.08 2.11 0.00	60.58 2.20 0.00	59.66 2.02 0.00	63.13 1.90 0.00	55.47 1.70 0.00	56.57 1.60 0.00	54.27 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	47.78 2.05 0.00	39.26 1.73 0.00	34.86 1.58 0.00	32.56 1.34 0.00	29.69 1.21 0.00	32.49 1.38 0.00	34.58 1.52 0.00	34.03 1.48 0.00	38.24 1.53 0.00	43.75 1.62 0.00	40.83 1.42 0.00	40.15 1.32 0.00	41.26 1.33 0.00	43.43 1.41 0.00	46.57 1.50 0.00	47.15 1.53 0.00	53.64 1.96 0.00	53.04 2.07 0.00	60.53 2.15 0.00	59.60 1.96 0.00	63.07 1.84 0.00	55.44 1.67 0.00	56.54 1.57 0.00	54.24 1.20 0.00
SHOREHAM_IC_1 23715	49.86 4.13 0.00	40.87 3.33 0.00	36.35 3.08 0.00	33.83 2.61 0.00	30.87 2.39 0.00	33.79 2.69 0.00	35.99 2.93 0.00	35.39 2.84 0.00	39.86 3.14 0.00	45.77 3.64 0.00	42.61 3.20 0.00	41.60 2.77 0.00	42.51 2.58 0.00	45.05 3.02 0.00	48.10 3.02 0.00	48.90 3.29 0.00	56.04 4.32 -0.04	55.49 4.52 0.00	62.83 4.45 0.00	62.16 4.52 0.00	65.59 4.36 0.00	57.54 3.77 0.00	58.85 3.88 0.00	56.13 3.08 0.00
SHOREHAM_IC_2 23716	49.86 4.13 0.00	40.87 3.33 0.00	36.35 3.08 0.00	33.83 2.61 0.00	30.87 2.39 0.00	33.79 2.69 0.00	35.99 2.93 0.00	35.39 2.84 0.00	39.86 3.14 0.00	45.77 3.64 0.00	42.61 3.20 0.00	41.60 2.77 0.00	42.51 2.58 0.00	45.05 3.02 0.00	48.10 3.02 0.00	48.90 3.29 0.00	56.04 4.32 -0.04	55.49 4.52 0.00	62.83 4.45 0.00	62.16 4.52 0.00	65.59 4.36 0.00	57.54 3.77 0.00	58.85 3.88 0.00	56.13 3.08 0.00
SISSONVILLE____ 23735	45.65 -0.07 0.00	37.49 -0.05 0.00	33.09 -0.18 0.00	35.15 -0.25 -4.18	36.13 -0.48 -8.12	39.04 -0.67 -8.60	41.07 -0.86 -8.87	40.47 -0.88 -8.79	45.37 -0.84 -9.49	51.80 -0.72 -10.39	48.94 -0.41 -9.94	48.33 -0.36 -9.85	49.53 -0.43 -10.02	51.83 -0.56 -10.35	55.03 -0.89 -10.84	47.53 -0.83 -2.74	51.48 -1.16 -0.96	49.89 -1.08 0.00	57.40 -0.98 0.00	57.18 -0.46 0.00	61.19 -0.04 0.00	53.99 0.21 0.00	55.63 0.65 0.00	54.46 1.42 0.00
SITHE_IND_GS1 24169	43.75 -1.97 0.00	35.95 -1.58 0.00	31.84 -1.43 0.00	29.97 -1.26 0.00	27.43 -1.05 0.00	29.86 -1.25 0.00	31.67 -1.39 0.00	31.20 -1.35 0.00	35.17 -1.54 0.00	40.35 -1.78 0.00	37.74 -1.67 0.00	37.22 -1.62 0.00	38.29 -1.65 0.00	40.32 -1.71 0.00	43.26 -1.82 0.00	43.81 -1.80 0.00	49.71 -1.98 0.00	49.08 -1.89 0.00	56.16 -2.21 0.00	55.38 -2.25 0.00	58.72 -2.51 0.00	51.55 -2.23 0.00	52.70 -2.27 0.00	50.80 -2.25 0.00
SITHE_IND_GS2 24170	43.75 -1.97 0.00	35.95 -1.58 0.00	31.84 -1.43 0.00	29.97 -1.26 0.00	27.43 -1.05 0.00	29.86 -1.25 0.00	31.67 -1.39 0.00	31.20 -1.35 0.00	35.17 -1.54 0.00	40.35 -1.78 0.00	37.74 -1.67 0.00	37.22 -1.62 0.00	38.29 -1.65 0.00	40.32 -1.71 0.00	43.26 -1.82 0.00	43.81 -1.80 0.00	49.71 -1.98 0.00	49.08 -1.89 0.00	56.16 -2.21 0.00	55.38 -2.25 0.00	58.72 -2.51 0.00	51.55 -2.23 0.00	52.70 -2.27 0.00	50.80 -2.25 0.00
SITHE_IND_GS3 24171	43.75 -1.97 0.00	35.95 -1.58 0.00	31.84 -1.43 0.00	29.97 -1.26 0.00	27.43 -1.05 0.00	29.86 -1.25 0.00	31.67 -1.39 0.00	31.20 -1.35 0.00	35.17 -1.54 0.00	40.35 -1.78 0.00	37.74 -1.67 0.00	37.22 -1.62 0.00	38.29 -1.65 0.00	40.32 -1.71 0.00	43.26 -1.82 0.00	43.81 -1.80 0.00	49.71 -1.98 0.00	49.08 -1.89 0.00	56.16 -2.21 0.00	55.38 -2.25 0.00	58.72 -2.51 0.00	51.55 -2.23 0.00	52.70 -2.27 0.00	50.80 -2.25 0.00
SITHE_IND_GS4 24172	43.75 -1.97 0.00	35.95 -1.58 0.00	31.84 -1.43 0.00	29.97 -1.26 0.00	27.43 -1.05 0.00	29.86 -1.25 0.00	31.67 -1.39 0.00	31.20 -1.35 0.00	35.17 -1.54 0.00	40.35 -1.78 0.00	37.74 -1.67 0.00	37.22 -1.62 0.00	38.29 -1.65 0.00	40.32 -1.71 0.00	43.26 -1.82 0.00	43.81 -1.80 0.00	49.71 -1.98 0.00	49.08 -1.89 0.00	56.16 -2.21 0.00	55.38 -2.25 0.00	58.72 -2.51 0.00	51.55 -2.23 0.00	52.70 -2.27 0.00	50.80 -2.25 0.00

SITHE___BATAVIA 24024	43.27 -2.46 0.00	35.72 -1.81 0.00	31.60 -1.67 0.00	29.89 -1.33 0.00	27.27 -1.21 0.00	29.71 -1.40 0.00	31.48 -1.58 0.00	30.68 -1.87 0.00	34.78 -1.94 0.00	39.90 -2.22 0.00	34.79 -1.85 2.77	36.90 -1.94 0.00	37.98 -1.95 0.00	39.94 -2.09 0.00	43.20 -1.88 0.00	43.99 -1.63 0.00	49.94 -1.74 0.00	49.48 -1.49 0.00	56.52 -1.85 0.00	55.48 -2.16 0.00	58.53 -2.70 0.00	51.25 -2.53 0.00	52.91 -2.06 0.00	51.15 -1.89 0.00
SITHE___INDEPEND 23800	43.75 -1.97 0.00	35.95 -1.59 0.00	31.85 -1.43 0.00	29.96 -1.26 0.00	27.43 -1.05 0.00	29.86 -1.25 0.00	31.67 -1.39 0.00	31.20 -1.35 0.00	35.16 -1.55 0.00	40.35 -1.78 0.00	37.75 -1.67 0.00	37.21 -1.63 0.00	38.29 -1.65 0.00	40.32 -1.70 0.00	43.26 -1.81 0.00	43.81 -1.80 0.00	49.71 -1.98 0.00	49.08 -1.89 0.00	56.16 -2.21 0.00	55.38 -2.25 0.00	58.72 -2.51 0.00	51.55 -2.23 0.00	52.70 -2.27 0.00	50.80 -2.24 0.00
SITHE___MASSENA 23902	45.95 0.23 0.00	37.70 0.17 0.00	33.35 0.08 0.00	32.25 0.05 -0.98	30.30 -0.08 -1.90	33.05 -0.08 -2.02	35.03 -0.11 -2.08	34.46 -0.15 -2.06	38.90 -0.04 -2.23	44.58 0.02 -2.44	41.87 0.13 -2.33	41.26 0.11 -2.31	42.38 0.09 -2.35	44.47 0.02 -2.43	47.61 -0.01 -2.54	46.34 0.08 -0.64	51.84 -0.07 -0.22	50.83 -0.14 0.00	58.46 0.08 0.00	58.03 0.39 0.00	62.01 0.78 0.00	54.59 0.82 0.00	56.05 1.08 0.00	54.54 1.49 0.00
SITHE___OGDNSBRG 24021	46.59 0.87 0.00	38.25 0.71 0.00	33.80 0.53 0.00	34.62 0.46 -2.94	34.42 0.23 -5.71	37.36 0.21 -6.04	39.43 0.14 -6.24	38.82 0.10 -6.18	43.68 0.29 -6.67	49.87 0.44 -7.30	46.91 0.52 -6.99	46.25 0.50 -6.92	47.36 0.38 -7.04	49.51 0.20 -7.28	52.80 0.10 -7.62	48.00 0.46 -1.93	52.82 0.46 -0.67	51.42 0.46 0.00	59.17 0.79 0.00	58.80 1.17 0.00	62.84 1.61 0.00	55.33 1.55 0.00	56.85 1.88 0.00	55.48 2.44 0.00
SITHE___STERLING 23777	46.40 0.67 0.00	38.20 0.66 0.00	33.81 0.54 0.00	31.71 0.49 0.00	28.98 0.50 0.00	31.65 0.54 0.00	33.67 0.61 0.00	33.23 0.68 0.00	37.47 0.75 0.00	43.03 0.90 0.00	40.24 0.83 0.00	39.74 0.90 0.00	40.91 0.97 0.00	43.10 1.07 0.00	46.24 1.16 0.00	46.86 1.25 0.00	53.18 1.50 0.00	52.40 1.43 0.00	59.96 1.59 0.00	59.25 1.61 0.00	62.78 1.55 0.00	55.05 1.28 0.00	56.22 1.25 0.00	54.10 1.06 0.00
SLEIGHT__34_KV_TB1 80719	43.84 -1.89 0.00	36.09 -1.45 0.00	31.90 -1.38 0.00	30.08 -1.14 0.00	27.49 -0.99 0.00	29.98 -1.13 0.00	31.82 -1.24 0.00	31.21 -1.34 0.00	35.28 -1.44 0.00	40.45 -1.68 0.00	36.80 -1.45 1.16	37.41 -1.43 0.00	38.57 -1.37 0.00	40.64 -1.39 0.00	43.67 -1.41 0.00	44.30 -1.31 0.00	50.30 -1.39 0.00	49.74 -1.22 0.00	56.88 -1.50 0.00	55.92 -1.72 0.00	59.15 -2.08 0.00	51.79 -1.98 0.00	53.10 -1.87 0.00	51.19 -1.85 0.00
SOUTH CAIRO___GT 23612	49.44 3.72 0.00	40.58 3.04 0.00	36.03 2.76 0.00	33.80 2.58 0.00	30.85 2.36 0.00	33.72 2.61 0.00	35.88 2.82 0.00	35.45 2.90 0.00	39.94 3.23 0.00	45.74 3.61 0.00	42.52 3.10 0.00	41.72 2.88 0.00	43.20 3.27 0.00	45.59 3.56 0.00	48.90 3.82 0.00	49.48 3.86 0.00	56.19 4.50 0.00	55.50 4.54 0.00	63.38 5.00 0.00	62.24 4.60 0.00	65.83 4.60 0.00	57.62 3.84 0.00	58.72 3.75 0.00	56.54 3.49 0.00
SOUTH HAMPTN___IC 23720	49.96 4.24 0.00	40.84 3.30 0.00	36.28 3.01 0.00	33.76 2.54 0.00	30.80 2.32 0.00	33.72 2.62 0.00	35.93 2.87 0.00	35.33 2.78 0.00	39.79 3.07 0.00	45.68 3.55 0.00	42.52 3.11 0.00	41.49 2.65 0.00	42.38 2.45 0.00	44.91 2.89 0.00	47.97 2.89 0.00	48.79 3.18 0.00	56.01 4.29 -0.04	55.59 4.61 0.00	62.75 4.37 0.00	62.13 4.49 0.00	65.63 4.39 0.00	57.41 3.63 0.00	58.95 3.98 0.00	56.43 3.38 0.00
SOUTHDOW_115KV_TB1 355954	44.07 -1.66 0.00	36.41 -1.13 0.00	32.18 -1.10 0.00	30.41 -0.81 0.00	27.72 -0.76 0.00	30.29 -0.82 0.00	32.06 -1.00 0.00	31.11 -1.44 0.00	35.26 -1.46 0.00	40.27 -1.86 0.00	33.43 -1.77 4.22	36.98 -1.86 0.00	38.42 -1.51 0.00	40.95 -1.07 0.00	44.08 -0.99 0.00	45.28 -0.33 0.00	51.39 -0.30 0.00	50.91 -0.06 0.00	58.50 0.12 0.00	57.74 0.10 0.00	61.01 -0.23 0.00	53.43 -0.34 0.00	55.13 0.16 0.00	53.15 0.10 0.00
SOUTHOLD_69_KV_BK 2 55809	49.99 4.27 0.00	40.63 3.09 0.00	36.01 2.73 0.00	33.51 2.29 0.00	30.55 2.07 0.00	33.46 2.35 0.00	35.66 2.60 0.00	35.09 2.54 0.00	39.53 2.81 0.00	45.39 3.26 0.00	42.22 2.81 0.00	41.15 2.32 0.00	42.03 2.09 0.00	44.51 2.48 0.00	47.55 2.47 0.00	48.38 2.76 0.00	55.78 4.05 -0.04	55.62 4.65 0.00	62.53 4.15 0.00	61.95 4.32 0.00	65.60 4.37 0.00	57.03 3.26 0.00	59.05 4.08 0.00	56.93 3.88 0.00
SOUTHOLD___IC 23719	49.99 4.27 0.00	40.63 3.09 0.00	36.01 2.74 0.00	33.51 2.29 0.00	30.56 2.07 0.00	33.46 2.35 0.00	35.67 2.61 0.00	35.09 2.53 0.00	39.53 2.81 0.00	45.39 3.26 0.00	42.22 2.81 0.00	41.15 2.31 0.00	42.02 2.09 0.00	44.51 2.48 0.00	47.55 2.48 0.00	48.38 2.77 0.00	55.78 4.06 -0.04	55.63 4.65 0.00	62.53 4.15 0.00	61.95 4.31 0.00	65.60 4.36 0.00	57.04 3.26 0.00	59.06 4.09 0.00	56.93 3.88 0.00
SOUTH_FORK_WT_PWR 323839	49.59 3.86 0.00	40.11 2.58 0.00	35.50 2.23 0.00	33.02 1.80 0.00	30.11 1.63 0.00	32.98 1.87 0.00	35.16 2.10 0.00	34.58 2.03 0.00	38.95 2.24 0.00	44.73 2.60 0.00	41.59 2.18 0.00	40.53 1.69 0.00	41.39 1.45 0.00	43.78 1.76 0.00	46.75 1.68 0.00	47.62 2.01 0.00	55.04 3.31 -0.04	55.06 4.09 0.00	61.62 3.24 0.00	61.13 3.49 0.00	64.87 3.64 0.00	56.20 2.42 0.00	58.59 3.62 0.00	56.77 3.72 0.00
SPIERFLS_115KV_TB 1 80737	48.63 2.91 0.00	39.83 2.29 0.00	35.30 2.03 0.00	32.97 1.75 0.00	30.01 1.53 0.00	32.83 1.72 0.00	35.19 2.13 0.00	34.78 2.23 0.00	39.22 2.50 0.00	45.00 2.88 0.00	42.04 2.63 0.00	41.59 2.75 0.00	42.76 2.82 0.00	44.93 2.90 0.00	48.01 2.94 0.00	48.57 2.96 0.00	55.20 3.51 0.00	54.52 3.55 0.00	62.18 3.80 0.00	61.14 3.50 0.00	64.70 3.46 0.00	56.79 3.02 0.00	57.82 2.85 0.00	55.48 2.43 0.00
ST LAWRENCE____ 23600	45.50 -0.22 0.00	37.32 -0.22 0.00	33.03 -0.24 0.00	30.98 -0.24 0.00	28.16 -0.32 0.00	30.80 -0.31 0.00	32.73 -0.33 0.00	32.18 -0.37 0.00	36.42 -0.29 0.00	41.83 -0.30 0.00	39.21 -0.20 0.00	38.62 -0.21 0.00	39.68 -0.25 0.00	41.72 -0.30 0.00	44.77 -0.31 0.00	45.37 -0.25 0.00	51.25 -0.44 0.00	50.46 -0.51 0.00	58.01 -0.37 0.00	57.54 -0.09 0.00	61.50 0.26 0.00	54.10 0.33 0.00	55.47 0.49 0.00	53.88 0.83 0.00
STATE_CA_115KV_115_LB 55624	47.65 1.93 0.00	39.06 1.53 0.00	34.71 1.44 0.00	32.55 1.33 0.00	29.74 1.25 0.00	32.47 1.36 0.00	34.52 1.46 0.00	34.03 1.48 0.00	38.26 1.54 0.00	43.92 1.79 0.00	41.07 1.66 0.00	40.49 1.65 0.00	41.62 1.69 0.00	43.75 1.72 0.00	46.84 1.76 0.00	47.08 1.47 0.00	53.39 1.71 0.00	52.73 1.76 0.00	60.23 1.85 0.00	59.29 1.66 0.00	62.85 1.62 0.00	55.20 1.43 0.00	56.39 1.42 0.00	54.46 1.42 0.00

STATE_ST_34_KV_LOAD 55959	45.30 -0.42 0.00	37.28 -0.25 0.00	32.88 -0.39 0.00	30.99 -0.23 0.00	28.34 -0.14 0.00	30.88 -0.23 0.00	32.74 -0.32 0.00	32.24 -0.31 0.00	36.45 -0.26 0.00	41.66 -0.47 0.00	40.24 -0.35 -1.18	38.48 -0.36 0.00	39.76 -0.18 0.00	41.86 -0.16 0.00	44.93 -0.15 0.00	45.58 -0.03 0.00	51.78 0.09 0.00	51.19 0.22 0.00	58.55 0.17 0.00	57.65 0.01 0.00	61.05 -0.18 0.00	53.52 -0.26 0.00	54.70 -0.27 0.00	52.53 -0.51 0.00
STATION 5_MISC_HYD 23604	43.26 -2.47 0.00	35.62 -1.92 0.00	31.52 -1.75 0.00	29.76 -1.46 0.00	27.18 -1.30 0.00	29.62 -1.48 0.00	31.39 -1.67 0.00	30.73 -1.82 0.00	34.77 -1.95 0.00	39.91 -2.22 0.00	35.32 -1.96 2.13	36.89 -1.95 0.00	38.00 -1.93 0.00	40.09 -1.93 0.00	43.11 -1.97 0.00	43.75 -1.87 0.00	49.63 -2.06 0.00	49.10 -1.87 0.00	56.11 -2.27 0.00	55.18 -2.46 0.00	58.30 -2.94 0.00	51.08 -2.70 0.00	52.54 -2.43 0.00	50.72 -2.32 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	44.11 -1.62 0.00	36.36 -1.18 0.00	32.14 -1.13 0.00	30.29 -0.93 0.00	27.68 -0.80 0.00	30.20 -0.91 0.00	32.07 -0.99 0.00	31.46 -1.09 0.00	35.57 -1.15 0.00	40.79 -1.34 0.00	36.15 -1.18 2.08	37.71 -1.13 0.00	38.88 -1.05 0.00	40.97 -1.05 0.00	44.05 -1.02 0.00	44.69 -0.93 0.00	50.72 -0.97 0.00	50.16 -0.80 0.00	57.39 -0.99 0.00	56.43 -1.20 0.00	59.68 -1.55 0.00	52.23 -1.55 0.00	53.55 -1.42 0.00	51.61 -1.43 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.12 -2.61 0.00	35.51 -2.03 0.00	31.43 -1.85 0.00	29.66 -1.56 0.00	27.09 -1.40 0.00	29.52 -1.59 0.00	31.35 -1.71 0.00	30.65 -1.90 0.00	34.67 -2.05 0.00	39.80 -2.33 0.00	35.26 -2.07 2.08	36.80 -2.04 0.00	37.91 -2.03 0.00	39.98 -2.05 0.00	42.98 -2.10 0.00	43.62 -1.99 0.00	49.49 -2.20 0.00	48.94 -2.02 0.00	55.94 -2.44 0.00	55.00 -2.64 0.00	58.14 -3.09 0.00	50.92 -2.86 0.00	52.35 -2.62 0.00	50.52 -2.52 0.00
STA_56___34_KV_BUS2 355983	43.12 -2.61 0.00	35.51 -2.03 0.00	31.43 -1.85 0.00	29.66 -1.56 0.00	27.09 -1.40 0.00	29.52 -1.59 0.00	31.35 -1.71 0.00	30.65 -1.90 0.00	34.67 -2.05 0.00	39.80 -2.33 0.00	35.26 -2.07 2.08	36.80 -2.04 0.00	37.91 -2.03 0.00	39.98 -2.05 0.00	42.98 -2.10 0.00	43.62 -1.99 0.00	49.49 -2.20 0.00	48.94 -2.02 0.00	55.94 -2.44 0.00	55.00 -2.64 0.00	58.14 -3.09 0.00	50.92 -2.86 0.00	52.35 -2.62 0.00	50.52 -2.52 0.00
STA_67___115KV_BK2 355882	43.15 -2.58 0.00	35.55 -1.99 0.00	31.45 -1.82 0.00	29.70 -1.52 0.00	27.12 -1.36 0.00	29.55 -1.56 0.00	31.37 -1.69 0.00	30.65 -1.90 0.00	34.67 -2.05 0.00	39.80 -2.33 0.00	35.23 -2.06 2.12	36.79 -2.05 0.00	37.90 -2.04 0.00	39.97 -2.06 0.00	42.99 -2.09 0.00	43.63 -1.99 0.00	49.49 -2.19 0.00	48.95 -2.02 0.00	55.94 -2.44 0.00	55.00 -2.64 0.00	58.13 -3.10 0.00	50.92 -2.85 0.00	52.40 -2.57 0.00	50.60 -2.44 0.00
STA_7___115KV_9TRANS 80674	43.49 -2.23 0.00	35.82 -1.72 0.00	31.69 -1.58 0.00	29.92 -1.30 0.00	27.31 -1.17 0.00	29.77 -1.34 0.00	31.60 -1.45 0.00	30.89 -1.66 0.00	34.96 -1.76 0.00	40.14 -1.99 0.00	35.56 -1.72 2.13	37.11 -1.72 0.00	38.24 -1.70 0.00	40.34 -1.68 0.00	43.39 -1.68 0.00	44.05 -1.57 0.00	49.99 -1.70 0.00	49.45 -1.51 0.00	56.51 -1.87 0.00	55.55 -2.09 0.00	58.70 -2.54 0.00	51.40 -2.38 0.00	52.85 -2.12 0.00	51.01 -2.04 0.00
STA_82___115KV_TB1 80780	43.15 -2.57 0.00	35.55 -1.98 0.00	31.46 -1.81 0.00	29.71 -1.51 0.00	27.12 -1.36 0.00	29.57 -1.55 0.00	31.38 -1.68 0.00	30.66 -1.89 0.00	34.68 -2.03 0.00	39.81 -2.32 0.00	35.22 -2.04 2.16	36.80 -2.04 0.00	37.91 -2.02 0.00	39.99 -2.04 0.00	43.00 -2.08 0.00	43.64 -1.97 0.00	49.51 -2.18 0.00	48.97 -1.99 0.00	55.97 -2.41 0.00	55.02 -2.62 0.00	58.16 -3.07 0.00	50.95 -2.82 0.00	52.41 -2.56 0.00	50.61 -2.44 0.00
STEEL___WIND 323596	42.43 -3.30 0.00	35.13 -2.41 0.00	31.03 -2.24 0.00	29.35 -1.87 0.00	26.77 -1.71 0.00	29.15 -1.96 0.00	30.85 -2.21 0.00	30.01 -2.54 0.00	34.00 -2.71 0.00	38.97 -3.17 0.00	32.96 -2.78 3.67	36.05 -2.79 0.00	37.25 -2.68 0.00	39.42 -2.61 0.00	42.42 -2.66 0.00	43.26 -2.36 0.00	48.98 -2.71 0.00	48.60 -2.37 0.00	55.72 -2.66 0.00	54.75 -2.88 0.00	57.85 -3.38 0.00	50.79 -2.98 0.00	52.54 -2.43 0.00	50.92 -2.12 0.00
STEPHTWN_115KV_BK_2 55603	47.99 2.27 0.00	39.37 1.84 0.00	34.94 1.67 0.00	32.74 1.52 0.00	29.90 1.42 0.00	32.72 1.61 0.00	34.81 1.76 0.00	34.33 1.78 0.00	38.63 1.92 0.00	44.26 2.13 0.00	41.35 1.94 0.00	40.76 1.93 0.00	41.96 2.02 0.00	44.06 2.03 0.00	47.21 2.13 0.00	47.43 1.81 0.00	53.92 2.23 0.00	53.24 2.27 0.00	60.88 2.50 0.00	59.89 2.26 0.00	63.40 2.17 0.00	55.62 1.85 0.00	56.77 1.80 0.00	54.78 1.74 0.00
STEUBEN_REC_LFGE 323667	41.95 -3.77 0.00	34.64 -2.89 0.00	30.59 -2.68 0.00	28.84 -2.38 0.00	26.30 -2.18 0.00	28.63 -2.48 0.00	30.44 -2.62 0.00	29.90 -2.65 0.00	33.77 -2.94 0.00	38.61 -3.52 0.00	24.17 -3.29 11.96	35.55 -3.29 0.00	36.92 -3.01 0.00	39.34 -2.69 0.00	42.56 -2.52 0.00	43.63 -1.99 0.00	49.60 -2.09 0.00	49.42 -1.55 0.00	57.01 -1.37 0.00	56.71 -0.93 0.00	60.60 -0.63 0.00	53.28 -0.49 0.00	54.74 -0.23 0.00	52.88 -0.16 0.00
STILLWATER___SOLAR 323814	48.75 3.02 0.00	39.94 2.40 0.00	35.43 2.15 0.00	33.16 1.94 0.00	30.22 1.74 0.00	33.06 1.95 0.00	35.27 2.22 0.00	34.80 2.25 0.00	39.23 2.52 0.00	44.99 2.86 0.00	42.02 2.61 0.00	41.53 2.69 0.00	42.70 2.76 0.00	44.89 2.87 0.00	48.05 2.97 0.00	48.58 2.97 0.00	55.18 3.49 0.00	54.48 3.51 0.00	62.20 3.82 0.00	61.20 3.56 0.00	64.78 3.55 0.00	56.88 3.10 0.00	57.96 2.99 0.00	55.63 2.59 0.00
STONY___BROOK 24151	49.70 3.98 0.00	40.76 3.22 0.00	36.29 3.02 0.00	33.78 2.56 0.00	30.82 2.34 0.00	33.75 2.64 0.00	35.93 2.87 0.00	35.32 2.77 0.00	39.78 3.07 0.00	45.69 3.56 0.00	42.56 3.14 0.00	41.62 2.78 0.00	42.58 2.65 0.00	45.07 3.04 0.00	48.14 3.07 0.00	48.92 3.30 0.00	55.93 4.21 -0.04	55.30 4.33 0.00	62.68 4.30 0.00	62.01 4.37 0.00	65.40 4.17 0.00	57.49 3.71 0.00	58.63 3.65 0.00	55.81 2.77 0.00
STURGEON_POOL_HYD 23609	49.54 3.82 0.00	40.70 3.16 0.00	36.10 2.83 0.00	33.67 2.45 0.00	30.69 2.20 0.00	33.62 2.51 0.00	35.83 2.77 0.00	35.28 2.74 0.00	39.66 2.94 0.00	45.33 3.21 0.00	42.17 2.76 0.00	41.38 2.55 0.00	42.54 2.60 0.00	44.92 2.89 0.00	48.22 3.14 0.00	48.88 3.27 0.00	55.72 4.04 0.00	55.18 4.22 0.00	62.91 4.53 0.00	61.88 4.24 0.00	65.33 4.09 0.00	57.35 3.58 0.00	58.38 3.41 0.00	55.80 2.76 0.00
ST_LAW_115_BK7_LBMP 345037	45.52 -0.21 0.00	37.34 -0.20 0.00	33.05 -0.22 0.00	31.00 -0.23 0.00	28.17 -0.32 0.00	30.81 -0.30 0.00	32.73 -0.33 0.00	32.19 -0.37 0.00	36.42 -0.29 0.00	41.84 -0.29 0.00	39.23 -0.18 0.00	38.64 -0.20 0.00	39.70 -0.23 0.00	41.73 -0.29 0.00	44.77 -0.31 0.00	45.38 -0.24 0.00	51.24 -0.45 0.00	50.44 -0.53 0.00	58.01 -0.37 0.00	57.54 -0.09 0.00	61.51 0.28 0.00	54.13 0.35 0.00	55.51 0.54 0.00	53.96 0.91 0.00

ST_LAW_115_BK8_LBMP 345038	45.52 -0.21 0.00	37.34 -0.20 0.00	33.05 -0.22 0.00	31.00 -0.23 0.00	28.17 -0.32 0.00	30.81 -0.30 0.00	32.73 -0.33 0.00	32.19 -0.37 0.00	36.42 -0.29 0.00	41.84 -0.29 0.00	39.23 -0.18 0.00	38.64 -0.20 0.00	39.70 -0.23 0.00	41.73 -0.29 0.00	44.77 -0.31 0.00	45.38 -0.24 0.00	51.24 -0.45 0.00	50.44 -0.53 0.00	58.01 -0.37 0.00	57.54 -0.09 0.00	61.51 0.28 0.00	54.13 0.35 0.00	55.51 0.54 0.00	53.96 0.91 0.00
ST_LAW_230_BK5_LBMP 345035	45.50 -0.22 0.00	37.32 -0.22 0.00	33.03 -0.24 0.00	30.98 -0.24 0.00	28.16 -0.32 0.00	30.80 -0.31 0.00	32.73 -0.33 0.00	32.18 -0.37 0.00	36.42 -0.29 0.00	41.83 -0.30 0.00	39.21 -0.20 0.00	38.62 -0.21 0.00	39.68 -0.25 0.00	41.72 -0.30 0.00	44.77 -0.31 0.00	45.37 -0.25 0.00	51.25 -0.44 0.00	50.46 -0.51 0.00	58.01 -0.37 0.00	57.54 -0.09 0.00	61.50 0.26 0.00	54.10 0.33 0.00	55.47 0.49 0.00	53.88 0.83 0.00
ST_LAW_230_BK6_LBMP 345036	45.50 -0.22 0.00	37.32 -0.22 0.00	33.03 -0.24 0.00	30.98 -0.24 0.00	28.16 -0.32 0.00	30.80 -0.31 0.00	32.73 -0.33 0.00	32.18 -0.37 0.00	36.42 -0.29 0.00	41.83 -0.30 0.00	39.21 -0.20 0.00	38.62 -0.21 0.00	39.68 -0.25 0.00	41.72 -0.30 0.00	44.77 -0.31 0.00	45.37 -0.25 0.00	51.25 -0.44 0.00	50.46 -0.51 0.00	58.01 -0.37 0.00	57.54 -0.09 0.00	61.50 0.26 0.00	54.10 0.33 0.00	55.47 0.49 0.00	53.88 0.83 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.99 2.27 0.00	39.44 1.90 0.00	35.02 1.75 0.00	32.69 1.47 0.00	29.81 1.33 0.00	32.62 1.51 0.00	34.73 1.68 0.00	34.18 1.62 0.00	38.39 1.67 0.00	43.94 1.81 0.00	41.04 1.63 0.00	40.35 1.51 0.00	41.46 1.53 0.00	43.63 1.60 0.00	46.76 1.68 0.00	47.32 1.71 0.00	53.81 2.12 0.00	53.22 2.25 0.00	60.71 2.34 0.00	59.77 2.13 0.00	63.25 2.02 0.00	55.60 1.82 0.00	56.69 1.72 0.00	54.35 1.31 0.00
SWANROAD_115KV_TB1 355699	40.88 -4.85 0.00	33.87 -3.67 0.00	29.95 -3.33 0.00	28.42 -2.81 0.00	25.88 -2.60 0.00	28.21 -2.90 0.00	29.92 -3.14 0.00	28.91 -3.64 0.00	32.75 -3.97 0.00	37.56 -4.57 0.00	32.25 -3.97 3.19	34.75 -4.09 0.00	35.79 -4.14 0.00	37.79 -4.24 0.00	40.69 -4.38 0.00	41.40 -4.21 0.00	46.83 -4.86 0.00	46.42 -4.55 0.00	52.99 -5.39 0.00	52.06 -5.58 0.00	54.88 -6.35 0.00	48.22 -5.55 0.00	50.13 -4.85 0.00	48.65 -4.39 0.00
SYNERGY___BIOGAS 323694	43.27 -2.46 0.00	35.72 -1.81 0.00	31.60 -1.67 0.00	29.89 -1.33 0.00	27.27 -1.21 0.00	29.71 -1.40 0.00	31.48 -1.58 0.00	30.68 -1.87 0.00	34.78 -1.94 0.00	39.90 -2.22 0.00	34.79 -1.85 2.77	36.90 -1.94 0.00	37.98 -1.95 0.00	39.94 -2.09 0.00	43.20 -1.88 0.00	43.99 -1.63 0.00	49.94 -1.74 0.00	49.48 -1.49 0.00	56.52 -1.85 0.00	55.48 -2.16 0.00	58.53 -2.70 0.00	51.25 -2.53 0.00	52.91 -2.06 0.00	51.15 -1.89 0.00
SYRACUSE___ENERGY_ST1 323597	44.94 -0.79 0.00	36.94 -0.60 0.00	32.69 -0.58 0.00	30.75 -0.48 0.00	28.13 -0.35 0.00	30.64 -0.46 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.15 -0.56 0.00	41.47 -0.66 0.00	38.79 -0.62 0.00	38.27 -0.57 0.00	39.43 -0.51 0.00	41.51 -0.52 0.00	44.55 -0.52 0.00	45.13 -0.48 0.00	51.26 -0.43 0.00	50.63 -0.34 0.00	57.93 -0.45 0.00	57.08 -0.56 0.00	60.47 -0.76 0.00	53.02 -0.76 0.00	54.18 -0.79 0.00	52.17 -0.88 0.00
SYRACUSE___ENERGY_ST2 323598	44.94 -0.79 0.00	36.94 -0.60 0.00	32.69 -0.58 0.00	30.75 -0.48 0.00	28.13 -0.35 0.00	30.64 -0.46 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.15 -0.56 0.00	41.47 -0.66 0.00	38.79 -0.62 0.00	38.27 -0.57 0.00	39.43 -0.51 0.00	41.51 -0.52 0.00	44.55 -0.52 0.00	45.13 -0.48 0.00	51.26 -0.43 0.00	50.63 -0.34 0.00	57.93 -0.45 0.00	57.08 -0.56 0.00	60.47 -0.76 0.00	53.02 -0.76 0.00	54.18 -0.79 0.00	52.17 -0.88 0.00
SYRACUSE___POWER 24017	44.92 -0.80 0.00	36.93 -0.60 0.00	32.69 -0.58 0.00	30.73 -0.49 0.00	28.11 -0.38 0.00	30.62 -0.49 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.13 -0.58 0.00	41.47 -0.66 0.00	39.60 -0.64 -0.83	38.28 -0.56 0.00	39.42 -0.52 0.00	41.51 -0.52 0.00	44.53 -0.54 0.00	45.11 -0.50 0.00	51.24 -0.45 0.00	50.62 -0.35 0.00	57.91 -0.47 0.00	57.07 -0.57 0.00	60.45 -0.78 0.00	52.99 -0.78 0.00	54.15 -0.82 0.00	52.15 -0.89 0.00
TALLMAN___138KV_BK151 55660	48.11 2.39 0.00	39.55 2.01 0.00	35.12 1.85 0.00	32.77 1.55 0.00	29.89 1.41 0.00	32.72 1.61 0.00	34.83 1.77 0.00	34.24 1.69 0.00	38.44 1.72 0.00	44.02 1.89 0.00	41.12 1.71 0.00	40.43 1.59 0.00	41.52 1.59 0.00	43.69 1.67 0.00	46.82 1.74 0.00	47.36 1.74 0.00	53.84 2.15 0.00	53.25 2.28 0.00	60.72 2.34 0.00	59.77 2.14 0.00	63.26 2.03 0.00	55.63 1.86 0.00	56.72 1.75 0.00	54.36 1.32 0.00
TEALLAVE_115KV_TB7 355573	44.60 -1.13 0.00	36.65 -0.88 0.00	32.46 -0.81 0.00	30.52 -0.70 0.00	27.92 -0.56 0.00	30.43 -0.68 0.00	32.31 -0.75 0.00	31.83 -0.72 0.00	35.87 -0.84 0.00	41.18 -0.95 0.00	38.50 -0.91 0.00	38.00 -0.84 0.00	39.12 -0.82 0.00	41.20 -0.82 0.00	44.20 -0.87 0.00	44.77 -0.84 0.00	50.84 -0.84 0.00	50.21 -0.76 0.00	57.44 -0.94 0.00	56.61 -1.02 0.00	59.97 -1.26 0.00	52.57 -1.20 0.00	53.74 -1.23 0.00	51.77 -1.28 0.00
TELGRAPH_34_KV_EAST 80808	42.16 -3.57 0.00	34.88 -2.66 0.00	30.83 -2.44 0.00	29.21 -2.01 0.00	26.62 -1.86 0.00	29.01 -2.10 0.00	30.79 -2.27 0.00	29.84 -2.71 0.00	33.83 -2.89 0.00	38.81 -3.32 0.00	33.62 -2.84 2.95	35.88 -2.95 0.00	36.96 -2.97 0.00	39.01 -3.01 0.00	42.05 -3.02 0.00	42.79 -2.82 0.00	48.49 -3.19 0.00	48.05 -2.92 0.00	54.86 -3.52 0.00	53.90 -3.73 0.00	56.84 -4.39 0.00	49.86 -3.92 0.00	51.64 -3.33 0.00	50.02 -3.02 0.00
TEMPLE___115KV_TB 2 55572	44.63 -1.09 0.00	36.68 -0.86 0.00	32.49 -0.79 0.00	30.54 -0.69 0.00	27.94 -0.54 0.00	30.43 -0.67 0.00	32.32 -0.74 0.00	31.84 -0.70 0.00	35.89 -0.82 0.00	41.19 -0.94 0.00	38.52 -0.89 0.00	38.02 -0.82 0.00	39.14 -0.80 0.00	41.22 -0.81 0.00	44.24 -0.84 0.00	44.80 -0.82 0.00	50.87 -0.82 0.00	50.24 -0.73 0.00	57.47 -0.90 0.00	56.63 -1.01 0.00	59.99 -1.24 0.00	52.61 -1.17 0.00	53.78 -1.20 0.00	51.79 -1.26 0.00
TIANA____69_KV_BK 1 55817	49.96 4.24 0.00	40.88 3.35 0.00	36.35 3.08 0.00	33.83 2.61 0.00	30.86 2.37 0.00	33.79 2.68 0.00	35.99 2.93 0.00	35.40 2.85 0.00	39.87 3.15 0.00	45.76 3.63 0.00	42.61 3.19 0.00	41.59 2.76 0.00	42.48 2.54 0.00	45.04 3.01 0.00	48.10 3.02 0.00	48.91 3.29 0.00	56.10 4.38 -0.04	55.62 4.65 0.00	62.89 4.51 0.00	62.24 4.60 0.00	65.70 4.47 0.00	57.56 3.79 0.00	58.97 4.00 0.00	56.34 3.30 0.00
TILDEN___115KV_TB1 80814	44.92 -0.80 0.00	36.93 -0.60 0.00	32.69 -0.58 0.00	30.73 -0.49 0.00	28.11 -0.38 0.00	30.62 -0.49 0.00	32.53 -0.53 0.00	32.06 -0.49 0.00	36.13 -0.58 0.00	41.47 -0.66 0.00	39.60 -0.64 -0.83	38.28 -0.56 0.00	39.42 -0.52 0.00	41.51 -0.52 0.00	44.53 -0.54 0.00	45.11 -0.50 0.00	51.24 -0.45 0.00	50.62 -0.35 0.00	57.91 -0.47 0.00	57.07 -0.57 0.00	60.45 -0.78 0.00	52.99 -0.78 0.00	54.15 -0.82 0.00	52.15 -0.89 0.00

TRIGEN___CC 323695	48.97 3.25 0.00	40.25 2.72 0.00	35.80 2.53 0.00	33.36 2.14 0.00	30.44 1.95 0.00	33.33 2.22 0.00	35.46 2.40 0.00	34.86 2.31 0.00	39.21 2.50 0.00	44.98 2.86 0.00	41.94 2.53 0.00	41.16 2.32 0.00	42.17 2.23 0.00	44.53 2.51 0.00	47.63 2.55 0.00	48.27 2.65 0.00	54.98 3.25 -0.04	54.26 3.29 0.00	61.66 3.28 0.00	60.96 3.32 0.00	64.30 3.06 0.00	56.66 2.88 0.00	57.75 2.78 0.00	55.11 2.07 0.00
TRINITY___115KV___4 BK 55933	47.50 1.77 0.00	38.93 1.39 0.00	34.60 1.32 0.00	32.44 1.22 0.00	29.65 1.16 0.00	32.37 1.26 0.00	34.40 1.34 0.00	33.91 1.36 0.00	38.13 1.41 0.00	43.76 1.63 0.00	40.93 1.52 0.00	40.34 1.50 0.00	41.46 1.53 0.00	43.58 1.55 0.00	46.65 1.58 0.00	46.89 1.28 0.00	53.15 1.46 0.00	52.48 1.51 0.00	59.95 1.57 0.00	59.03 1.39 0.00	62.59 1.35 0.00	54.99 1.21 0.00	56.18 1.21 0.00	54.26 1.22 0.00
UNION___PROCESSING_DRP 323587	43.17 -2.56 0.00	35.56 -1.98 0.00	31.47 -1.80 0.00	29.71 -1.51 0.00	27.13 -1.35 0.00	29.57 -1.54 0.00	31.39 -1.67 0.00	30.67 -1.88 0.00	34.69 -2.02 0.00	39.82 -2.31 0.00	35.22 -2.04 2.16	36.81 -2.03 0.00	37.92 -2.01 0.00	40.00 -2.03 0.00	43.01 -2.07 0.00	43.66 -1.96 0.00	49.53 -2.16 0.00	48.99 -1.98 0.00	55.98 -2.40 0.00	55.03 -2.61 0.00	58.17 -3.06 0.00	50.96 -2.81 0.00	52.43 -2.55 0.00	50.62 -2.42 0.00
UPPER HUDSON___HYD 24058	48.63 2.91 0.00	39.83 2.29 0.00	35.30 2.03 0.00	32.97 1.75 0.00	30.01 1.53 0.00	32.83 1.72 0.00	35.19 2.13 0.00	34.78 2.23 0.00	39.22 2.50 0.00	45.00 2.88 0.00	42.04 2.63 0.00	41.59 2.75 0.00	42.76 2.82 0.00	44.93 2.90 0.00	48.01 2.94 0.00	48.57 2.96 0.00	55.20 3.51 0.00	54.52 3.55 0.00	62.18 3.80 0.00	61.14 3.50 0.00	64.69 3.46 0.00	56.79 3.02 0.00	57.82 2.85 0.00	55.48 2.43 0.00
UPPER RAQUET___HYD 24056	45.65 -0.07 0.00	37.49 -0.05 0.00	33.09 -0.18 0.00	35.16 -0.25 -4.18	36.13 -0.48 -8.12	39.04 -0.67 -8.60	41.07 -0.86 -8.87	40.47 -0.88 -8.79	45.37 -0.84 -9.49	51.79 -0.73 -10.39	48.94 -0.41 -9.94	48.32 -0.36 -9.85	49.53 -0.43 -10.02	51.83 -0.55 -10.35	55.03 -0.89 -10.84	47.53 -0.83 -2.74	51.49 -0.96 -0.96	49.89 -1.08 0.00	57.40 -0.98 0.00	57.18 -0.45 0.00	61.19 -0.04 0.00	53.99 0.21 0.00	55.63 0.65 0.00	54.46 1.41 0.00
VALLEY44_115KV_TB2 355964	44.27 -1.45 0.00	36.57 -0.97 0.00	32.38 -0.89 0.00	30.57 -0.65 0.00	27.83 -0.65 0.00	30.22 -0.89 0.00	31.86 -1.20 0.00	30.99 -1.57 0.00	35.08 -1.64 0.00	40.37 -1.76 0.00	33.80 -1.32 4.29	37.52 -1.31 0.00	38.78 -1.16 0.00	40.89 -1.14 0.00	43.91 -1.17 0.00	44.58 -1.04 0.00	50.38 -1.31 0.00	49.59 -1.38 0.00	56.79 -1.59 0.00	55.88 -1.75 0.00	59.06 -2.18 0.00	52.01 -1.76 0.00	54.06 -0.91 0.00	52.33 -0.72 0.00
VALLEY___115KV_TB 1-4 80826	46.68 0.95 0.00	38.28 0.74 0.00	33.99 0.71 0.00	31.84 0.62 0.00	29.01 0.53 0.00	31.70 0.59 0.00	33.65 0.59 0.00	33.21 0.66 0.00	37.44 0.72 0.00	42.86 0.73 0.00	40.01 0.59 0.00	39.30 0.46 0.00	40.32 0.38 0.00	42.46 0.43 0.00	45.53 0.45 0.00	45.97 0.36 0.00	52.18 0.50 0.00	51.44 0.47 0.00	59.01 0.63 0.00	58.26 0.62 0.00	61.68 0.45 0.00	54.38 0.61 0.00	55.54 0.57 0.00	53.40 0.35 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.21 2.49 0.00	39.60 2.07 0.00	35.04 1.77 0.00	32.83 1.61 0.00	29.94 1.46 0.00	32.73 1.62 0.00	34.85 1.80 0.00	34.41 1.86 0.00	38.82 2.11 0.00	44.49 2.36 0.00	42.10 2.05 -0.63	40.78 1.94 0.00	41.88 1.95 0.00	44.09 2.07 0.00	47.30 2.22 0.00	47.76 2.14 0.00	54.50 2.81 0.00	53.76 2.79 0.00	61.42 3.04 0.00	60.54 2.91 0.00	64.13 2.90 0.00	56.21 2.43 0.00	57.41 2.44 0.00	55.16 2.12 0.00
VISCHER___FERRY HYD 24020	48.11 2.38 0.00	39.41 1.87 0.00	35.00 1.73 0.00	32.80 1.58 0.00	29.91 1.43 0.00	32.71 1.60 0.00	34.81 1.75 0.00	34.30 1.75 0.00	38.61 1.89 0.00	44.30 2.18 0.00	41.45 2.04 0.00	40.86 2.03 0.00	42.00 2.07 0.00	44.14 2.11 0.00	47.27 2.20 0.00	47.72 2.10 0.00	54.11 2.42 0.00	53.44 2.48 0.00	61.06 2.68 0.00	60.10 2.47 0.00	63.68 2.45 0.00	55.98 2.20 0.00	57.09 2.12 0.00	54.88 1.84 0.00
V_A_10_SYNC_DSASP 323832	41.74 -3.98 0.00	34.47 -3.06 0.00	30.51 -2.76 0.00	28.87 -2.36 0.00	26.35 -2.13 0.00	28.70 -2.41 0.00	30.35 -2.71 0.00	29.57 -2.98 0.00	33.49 -3.23 0.00	38.41 -3.72 0.00	33.49 -3.34 2.58	35.51 -3.33 0.00	36.62 -3.31 0.00	38.62 -3.41 0.00	41.53 -3.55 0.00	42.16 -3.46 0.00	47.73 -3.95 0.00	47.25 -3.72 0.00	53.99 -4.38 0.00	53.08 -4.55 0.00	56.05 -5.19 0.00	49.17 -4.61 0.00	50.88 -4.09 0.00	49.28 -3.77 0.00
V_CMM_10_SYNC_DSASP 323787	45.77 0.04 0.00	37.54 0.00 0.00	33.22 -0.05 0.00	31.17 -0.05 0.00	28.32 -0.16 0.00	30.98 -0.13 0.00	32.92 -0.14 0.00	32.37 -0.18 0.00	36.63 -0.09 0.00	42.07 -0.06 0.00	39.43 0.02 0.00	38.84 0.00 0.00	39.92 -0.02 0.00	41.97 -0.06 0.00	45.02 -0.06 0.00	45.62 0.00 0.00	51.53 -0.16 0.00	50.73 -0.24 0.00	58.34 -0.04 0.00	57.88 0.24 0.00	61.84 0.61 0.00	54.41 0.64 0.00	55.83 0.86 0.00	54.25 1.21 0.00
V_CMP_10_SYNC_DSASP 323788	45.76 0.04 0.00	37.48 -0.05 0.00	32.99 -0.28 0.00	5.33 -0.65 25.24	-21.33 -0.81 49.00	-21.58 -0.84 51.85	-21.31 -0.86 53.51	-21.29 -0.83 53.02	-21.35 -0.81 57.26	-21.41 -0.88 62.65	-21.34 -0.78 59.97	-21.30 -0.75 59.40	-21.35 -0.84 60.45	-21.35 -0.92 62.45	-21.38 -1.06 65.39	28.19 -0.90 16.52	44.78 -1.11 5.79	50.43 -0.54 0.00	58.32 -0.06 0.00	58.41 0.77 0.00	62.80 1.57 0.00	55.33 1.56 0.00	56.74 1.77 0.00	55.21 2.17 0.00
V_D_10_SYNC_DSASP 323841	45.95 0.23 0.00	37.70 0.17 0.00	33.35 0.08 0.00	32.20 0.05 -0.93	30.21 -0.08 -1.81	32.96 -0.07 -1.92	34.93 -0.11 -1.98	34.36 -0.15 -1.97	38.80 -0.03 -2.12	44.48 0.02 -2.32	41.77 0.13 -2.22	41.15 0.11 -2.20	42.26 0.09 -2.24	44.36 0.02 -2.31	47.50 0.00 -2.42	46.31 0.08 -0.61	51.83 -0.07 -0.21	50.84 -0.13 0.00	58.46 0.08 0.00	58.03 0.40 0.00	62.02 0.79 0.00	54.59 0.82 0.00	56.05 1.08 0.00	54.52 1.48 0.00
V_E_10_SYNC_DSASP 323830	47.83 2.11 0.00	39.33 1.80 0.00	34.83 1.56 0.00	32.65 1.43 0.00	29.74 1.26 0.00	32.52 1.41 0.00	34.85 1.79 0.00	34.72 2.17 0.00	39.37 2.66 0.00	44.92 2.79 0.00	47.40 2.40 -5.58	41.16 2.32 0.00	42.47 2.53 0.00	44.91 2.88 0.00	48.10 3.02 0.00	48.66 3.04 0.00	55.37 3.68 0.00	55.01 4.04 0.00	62.88 4.51 0.00	62.51 4.88 0.00	66.28 5.05 0.00	58.09 4.32 0.00	59.38 4.41 0.00	57.15 4.11 0.00
V_F_30_NSYNC___DSASP 323816	48.83 3.10 0.00	39.99 2.45 0.00	35.48 2.21 0.00	33.20 1.98 0.00	30.25 1.77 0.00	33.10 2.00 0.00	35.33 2.28 0.00	34.86 2.31 0.00	39.30 2.59 0.00	45.07 2.94 0.00	42.10 2.69 0.00	41.60 2.77 0.00	42.78 2.85 0.00	44.98 2.96 0.00	48.13 3.06 0.00	48.68 3.06 0.00	55.28 3.59 0.00	54.61 3.64 0.00	62.34 3.96 0.00	61.34 3.70 0.00	64.91 3.68 0.00	56.98 3.20 0.00	58.06 3.09 0.00	55.73 2.68 0.00

V_F_30_SYNC_DSASP 323786	47.65 1.93 0.00	39.06 1.52 0.00	34.71 1.44 0.00	32.54 1.32 0.00	29.74 1.25 0.00	32.47 1.36 0.00	34.51 1.45 0.00	34.02 1.47 0.00	38.26 1.54 0.00	43.92 1.79 0.00	41.07 1.66 0.00	40.49 1.65 0.00	41.62 1.68 0.00	43.75 1.72 0.00	46.84 1.76 0.00	47.08 1.47 0.00	53.39 1.70 0.00	52.72 1.75 0.00	60.22 1.84 0.00	59.29 1.66 0.00	62.84 1.62 0.00	55.20 1.43 0.00	56.39 1.42 0.00	54.46 1.42 0.00
V_XM_10_SYNC_DSASP 323789	45.76 0.04 0.00	37.48 -0.05 0.00	32.99 -0.28 0.00	5.33 -0.65 25.24	-21.33 -0.81 49.00	-21.58 -0.84 51.85	-21.31 -0.86 53.51	-21.29 -0.83 53.02	-21.35 -0.81 57.26	-21.41 -0.88 62.65	-21.34 -0.78 59.97	-21.30 -0.75 59.40	-21.35 -0.84 60.45	-21.35 -0.92 62.45	-21.38 -1.06 65.39	28.19 -0.90 16.52	44.78 -1.11 5.79	50.43 -0.54 0.00	58.32 -0.06 0.00	58.41 0.77 0.00	62.80 1.57 0.00	55.33 1.56 0.00	56.74 1.77 0.00	55.21 2.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.26 2.54 0.00	39.68 2.14 0.00	35.23 1.96 0.00	32.87 1.65 0.00	29.98 1.50 0.00	32.82 1.71 0.00	34.94 1.88 0.00	34.36 1.81 0.00	38.58 1.87 0.00	44.17 2.04 0.00	41.26 1.85 0.00	40.57 1.73 0.00	41.66 1.73 0.00	43.84 1.81 0.00	46.98 1.90 0.00	47.53 1.91 0.00	54.02 2.34 0.00	53.45 2.48 0.00	60.95 2.57 0.00	60.01 2.37 0.00	63.49 2.25 0.00	55.82 2.05 0.00	56.92 1.94 0.00	54.54 1.50 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.68 2.96 0.00	40.02 2.49 0.00	35.56 2.28 0.00	33.19 1.96 0.00	30.27 1.79 0.00	33.13 2.02 0.00	35.27 2.21 0.00	34.72 2.17 0.00	39.01 2.30 0.00	44.65 2.52 0.00	41.72 2.31 0.00	41.02 2.18 0.00	42.12 2.19 0.00	44.28 2.26 0.00	47.37 2.29 0.00	47.85 2.24 0.00	54.35 2.66 0.00	53.76 2.79 0.00	61.27 2.89 0.00	60.32 2.69 0.00	63.71 2.48 0.00	56.13 2.35 0.00	57.22 2.25 0.00	54.81 1.77 0.00
W50THST__13_KV_LOAD 356117	48.94 3.22 0.00	40.24 2.71 0.00	35.75 2.48 0.00	33.37 2.15 0.00	30.43 1.95 0.00	33.31 2.20 0.00	35.47 2.41 0.00	34.91 2.36 0.00	39.24 2.52 0.00	44.92 2.79 0.00	41.98 2.56 0.00	41.27 2.43 0.00	42.38 2.44 0.00	44.55 2.52 0.00	47.62 2.55 0.00	48.12 2.51 0.00	54.67 2.98 0.00	54.08 3.11 0.00	61.62 3.24 0.00	60.67 3.03 0.00	64.08 2.84 0.00	56.44 2.67 0.00	57.54 2.57 0.00	55.12 2.07 0.00
WADING RIVER_IC_1 23522	49.85 4.13 0.00	40.86 3.32 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.98 2.92 0.00	35.38 2.83 0.00	39.85 3.14 0.00	45.75 3.63 0.00	42.61 3.20 0.00	41.59 2.75 0.00	42.51 2.58 0.00	45.05 3.02 0.00	48.10 3.03 0.00	48.91 3.30 0.00	56.06 4.34 -0.04	55.52 4.55 0.00	62.85 4.47 0.00	62.19 4.55 0.00	65.61 4.38 0.00	57.56 3.78 0.00	58.87 3.90 0.00	56.16 3.12 0.00
WADING RIVER_IC_2 23547	49.85 4.13 0.00	40.86 3.32 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.98 2.92 0.00	35.38 2.83 0.00	39.85 3.14 0.00	45.75 3.63 0.00	42.61 3.20 0.00	41.59 2.75 0.00	42.51 2.58 0.00	45.05 3.02 0.00	48.10 3.03 0.00	48.91 3.30 0.00	56.06 4.34 -0.04	55.52 4.55 0.00	62.85 4.47 0.00	62.19 4.55 0.00	65.61 4.38 0.00	57.56 3.78 0.00	58.87 3.90 0.00	56.16 3.12 0.00
WADING RIVER_IC_3 23601	49.85 4.13 0.00	40.86 3.32 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.86 2.38 0.00	33.78 2.68 0.00	35.98 2.92 0.00	35.38 2.83 0.00	39.85 3.14 0.00	45.75 3.63 0.00	42.61 3.20 0.00	41.59 2.75 0.00	42.51 2.58 0.00	45.05 3.02 0.00	48.10 3.03 0.00	48.91 3.30 0.00	56.06 4.34 -0.04	55.52 4.55 0.00	62.85 4.47 0.00	62.19 4.55 0.00	65.61 4.38 0.00	57.56 3.78 0.00	58.87 3.90 0.00	56.16 3.12 0.00
WALDENNY_12_KV_BK2 80841	42.43 -3.29 0.00	35.11 -2.42 0.00	31.02 -2.26 0.00	29.39 -1.84 0.00	26.77 -1.71 0.00	29.17 -1.94 0.00	30.92 -2.14 0.00	30.01 -2.54 0.00	34.01 -2.71 0.00	38.98 -3.15 0.00	33.06 -2.73 3.62	36.07 -2.76 0.00	37.27 -2.66 0.00	39.42 -2.61 0.00	42.43 -2.65 0.00	43.25 -2.37 0.00	48.99 -2.70 0.00	48.59 -2.38 0.00	55.63 -2.75 0.00	54.68 -2.96 0.00	57.76 -3.48 0.00	50.68 -3.10 0.00	52.49 -2.49 0.00	50.85 -2.19 0.00
WALDEN__HYDRO 24148	48.48 2.76 0.00	39.83 2.30 0.00	35.36 2.09 0.00	33.00 1.78 0.00	30.10 1.61 0.00	32.94 1.83 0.00	35.08 2.02 0.00	34.52 1.97 0.00	38.80 2.08 0.00	44.38 2.25 0.00	41.39 1.98 0.00	40.67 1.84 0.00	41.82 1.88 0.00	44.06 2.03 0.00	47.26 2.18 0.00	47.83 2.22 0.00	54.44 2.75 0.00	53.85 2.88 0.00	61.42 3.04 0.00	60.46 2.82 0.00	63.93 2.69 0.00	56.17 2.40 0.00	57.25 2.28 0.00	54.85 1.81 0.00
WARRENSBURG____ 23737	48.63 2.91 0.00	39.83 2.29 0.00	35.30 2.03 0.00	32.97 1.75 0.00	30.01 1.53 0.00	32.83 1.72 0.00	35.19 2.13 0.00	34.78 2.23 0.00	39.22 2.50 0.00	45.00 2.88 0.00	42.04 2.63 0.00	41.59 2.75 0.00	42.76 2.82 0.00	44.93 2.90 0.00	48.01 2.94 0.00	48.57 2.96 0.00	55.20 3.51 0.00	54.52 3.55 0.00	62.18 3.80 0.00	61.14 3.50 0.00	64.69 3.46 0.00	56.79 3.02 0.00	57.82 2.85 0.00	55.48 2.43 0.00
WATERSIDE____6 8 9 23538	48.64 2.92 0.00	40.04 2.50 0.00	35.57 2.30 0.00	33.20 1.98 0.00	30.26 1.78 0.00	33.11 2.00 0.00	35.25 2.19 0.00	34.70 2.14 0.00	38.99 2.28 0.00	44.61 2.48 0.00	41.70 2.29 0.00	40.99 2.15 0.00	42.08 2.15 0.00	44.22 2.20 0.00	47.28 2.20 0.00	47.80 2.19 0.00	54.22 2.53 0.00	53.67 2.70 0.00	61.14 2.77 0.00	60.21 2.57 0.00	63.60 2.37 0.00	56.04 2.27 0.00	57.13 2.15 0.00	54.75 1.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.46 0.74 0.00	38.12 0.58 0.00	33.82 0.55 0.00	31.70 0.48 0.00	28.92 0.44 0.00	31.59 0.49 0.00	33.58 0.52 0.00	33.13 0.58 0.00	37.35 0.63 0.00	42.80 0.67 0.00	39.95 0.54 0.00	39.37 0.53 0.00	40.47 0.54 0.00	42.60 0.57 0.00	45.68 0.60 0.00	46.12 0.51 0.00	52.34 0.65 0.00	51.66 0.69 0.00	59.15 0.77 0.00	58.29 0.66 0.00	61.77 0.54 0.00	54.29 0.52 0.00	55.43 0.46 0.00	53.31 0.27 0.00
WATSON__69_KV_BK 1 55734	50.02 4.30 0.00	41.04 3.51 0.00	36.54 3.27 0.00	34.02 2.80 0.00	31.03 2.55 0.00	33.99 2.88 0.00	36.17 3.11 0.00	35.56 3.02 0.00	40.04 3.33 0.00	45.98 3.85 0.00	42.83 3.42 0.00	41.88 3.05 0.00	42.86 2.92 0.00	45.40 3.38 0.00	48.54 3.46 0.00	49.33 3.72 0.00	56.37 4.65 -0.04	55.71 4.74 0.00	63.18 4.80 0.00	62.51 4.87 0.00	65.94 4.71 0.00	57.97 4.20 0.00	59.09 4.12 0.00	56.24 3.19 0.00
WDELAWARE__HYD 323627	49.27 3.54 0.00	40.45 2.92 0.00	35.89 2.61 0.00	33.51 2.29 0.00	30.55 2.07 0.00	33.44 2.33 0.00	35.65 2.59 0.00	35.12 2.57 0.00	39.47 2.75 0.00	45.08 2.95 0.00	41.95 2.54 0.00	41.20 2.36 0.00	42.34 2.41 0.00	44.79 2.77 0.00	48.08 3.01 0.00	48.74 3.12 0.00	55.53 3.84 0.00	54.94 3.97 0.00	62.66 4.28 0.00	61.68 4.04 0.00	65.20 3.96 0.00	57.20 3.43 0.00	58.26 3.28 0.00	55.79 2.75 0.00

WEST BABYLON___IC 23714	49.83 4.11 0.00	40.90 3.36 0.00	36.41 3.14 0.00	33.90 2.68 0.00	30.92 2.44 0.00	33.86 2.75 0.00	36.03 2.97 0.00	35.43 2.88 0.00	39.89 3.17 0.00	45.80 3.68 0.00	42.66 3.25 0.00	41.74 2.90 0.00	42.73 2.80 0.00	45.26 3.23 0.00	48.41 3.33 0.00	49.17 3.55 0.00	56.14 4.42 -0.04	55.46 4.49 0.00	62.94 4.56 0.00	62.27 4.63 0.00	65.66 4.43 0.00	57.76 3.98 0.00	58.88 3.91 0.00	56.06 3.02 0.00
WEST CANADA___HYD 24049	45.90 0.18 0.00	37.69 0.15 0.00	33.40 0.13 0.00	31.34 0.12 0.00	28.60 0.11 0.00	31.23 0.13 0.00	33.19 0.13 0.00	32.69 0.14 0.00	36.85 0.13 0.00	42.26 0.13 0.00	39.53 0.12 0.00	38.96 0.13 0.00	40.07 0.13 0.00	42.19 0.16 0.00	45.26 0.18 0.00	45.77 0.15 0.00	51.87 0.19 0.00	51.18 0.21 0.00	58.59 0.22 0.00	57.81 0.17 0.00	61.35 0.12 0.00	53.89 0.11 0.00	55.08 0.10 0.00	53.05 0.00 0.00
WESTERN_NY_WIND 24143	43.20 -2.52 0.00	35.68 -1.86 0.00	31.54 -1.73 0.00	29.86 -1.37 0.00	27.22 -1.27 0.00	29.66 -1.45 0.00	31.51 -1.55 0.00	30.62 -1.93 0.00	34.70 -2.02 0.00	39.81 -2.32 0.00	34.67 -1.91 2.82	36.82 -2.02 0.00	37.90 -2.03 0.00	39.84 -2.19 0.00	43.11 -1.96 0.00	43.91 -1.70 0.00	49.85 -1.84 0.00	49.39 -1.58 0.00	56.42 -1.96 0.00	55.37 -2.27 0.00	58.42 -2.81 0.00	51.15 -2.62 0.00	52.82 -2.15 0.00	51.07 -1.98 0.00
WESTOVER___LESR 323668	45.27 -0.45 0.00	37.32 -0.22 0.00	32.99 -0.28 0.00	30.95 -0.27 0.00	28.23 -0.25 0.00	30.80 -0.31 0.00	32.75 -0.31 0.00	32.35 -0.20 0.00	36.46 -0.25 0.00	41.79 -0.34 0.00	38.88 -0.53 0.00	38.50 -0.34 0.00	39.66 -0.27 0.00	41.84 -0.19 0.00	44.86 -0.22 0.00	45.43 -0.18 0.00	51.61 -0.08 0.00	50.99 0.03 0.00	58.44 0.06 0.00	57.58 -0.06 0.00	61.01 -0.22 0.00	53.47 -0.30 0.00	54.73 -0.24 0.00	52.72 -0.32 0.00
WETHRSFD_WT_PWR 323626	41.54 -4.18 0.00	34.35 -3.18 0.00	30.34 -2.93 0.00	28.67 -2.55 0.00	26.16 -2.32 0.00	28.48 -2.63 0.00	30.19 -2.87 0.00	29.51 -3.04 0.00	33.38 -3.34 0.00	38.26 -3.88 0.00	30.60 -3.61 5.20	35.26 -3.58 0.00	36.54 -3.40 0.00	38.85 -3.18 0.00	41.89 -3.19 0.00	42.77 -2.84 0.00	48.65 -3.03 0.00	48.29 -2.68 0.00	55.65 -2.73 0.00	54.93 -2.70 0.00	58.22 -3.01 0.00	51.10 -2.67 0.00	52.77 -2.20 0.00	51.07 -1.97 0.00
WHAVSTOR_138KV_BK127 55557	48.06 2.34 0.00	39.50 1.97 0.00	35.09 1.82 0.00	32.75 1.53 0.00	29.86 1.38 0.00	32.69 1.58 0.00	34.80 1.74 0.00	34.22 1.67 0.00	38.42 1.70 0.00	43.99 1.86 0.00	41.09 1.68 0.00	40.39 1.55 0.00	41.49 1.55 0.00	43.66 1.63 0.00	46.77 1.70 0.00	47.30 1.68 0.00	53.76 2.08 0.00	53.18 2.21 0.00	60.64 2.26 0.00	59.69 2.06 0.00	63.16 1.93 0.00	55.55 1.78 0.00	56.65 1.67 0.00	54.29 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.06 2.34 0.00	39.50 1.97 0.00	35.09 1.82 0.00	32.75 1.53 0.00	29.86 1.38 0.00	32.69 1.58 0.00	34.80 1.74 0.00	34.22 1.67 0.00	38.42 1.70 0.00	43.99 1.86 0.00	41.09 1.68 0.00	40.39 1.55 0.00	41.49 1.55 0.00	43.66 1.63 0.00	46.77 1.70 0.00	47.30 1.68 0.00	53.76 2.08 0.00	53.18 2.21 0.00	60.64 2.26 0.00	59.69 2.06 0.00	63.16 1.93 0.00	55.55 1.78 0.00	56.65 1.67 0.00	54.29 1.24 0.00
WHITEHAL_115KV_TB1 80871	50.03 4.31 0.00	41.01 3.47 0.00	36.50 3.23 0.00	33.70 2.48 0.00	30.46 1.98 0.00	33.39 2.28 0.00	36.25 3.19 0.00	35.90 3.35 0.00	40.39 3.67 0.00	46.29 4.17 0.00	43.30 3.89 0.00	42.96 4.13 0.00	44.13 4.19 0.00	46.33 4.31 0.00	49.38 4.30 0.00	49.92 4.31 0.00	56.70 5.02 0.00	55.97 5.00 0.00	63.65 5.28 0.00	62.47 4.83 0.00	66.16 4.93 0.00	58.40 4.62 0.00	59.51 4.54 0.00	56.73 3.69 0.00
WHITEPLN_13_KV_LOAD 356215	48.93 3.21 0.00	40.20 2.67 0.00	35.69 2.42 0.00	33.31 2.09 0.00	30.36 1.88 0.00	33.24 2.13 0.00	35.39 2.33 0.00	34.84 2.29 0.00	39.16 2.44 0.00	44.84 2.71 0.00	41.89 2.48 0.00	41.16 2.32 0.00	42.27 2.33 0.00	44.48 2.46 0.00	47.63 2.56 0.00	48.17 2.55 0.00	54.79 3.10 0.00	54.22 3.25 0.00	61.82 3.44 0.00	60.87 3.23 0.00	64.32 3.09 0.00	56.58 2.81 0.00	57.66 2.69 0.00	55.21 2.17 0.00
WM_FLOYD_69_KV_BK2 356380	49.80 4.07 0.00	40.83 3.30 0.00	36.34 3.07 0.00	33.82 2.60 0.00	30.85 2.37 0.00	33.79 2.68 0.00	35.97 2.91 0.00	35.37 2.82 0.00	39.83 3.12 0.00	45.72 3.60 0.00	42.59 3.17 0.00	41.59 2.75 0.00	42.52 2.58 0.00	45.05 3.03 0.00	48.11 3.03 0.00	48.91 3.29 0.00	55.98 4.26 -0.04	55.39 4.42 0.00	62.74 4.37 0.00	62.09 4.45 0.00	65.49 4.26 0.00	57.51 3.73 0.00	58.76 3.79 0.00	56.01 2.96 0.00
WOODARD___115KV_TB2 355635	44.56 -1.17 0.00	36.63 -0.91 0.00	32.43 -0.84 0.00	30.50 -0.73 0.00	27.90 -0.58 0.00	30.40 -0.72 0.00	32.27 -0.79 0.00	31.80 -0.76 0.00	35.84 -0.88 0.00	41.14 -0.99 0.00	38.47 -0.94 0.00	37.96 -0.88 0.00	39.08 -0.86 0.00	41.15 -0.88 0.00	44.15 -0.92 0.00	44.72 -0.90 0.00	50.77 -0.92 0.00	50.15 -0.82 0.00	57.38 -1.00 0.00	56.55 -1.09 0.00	59.91 -1.32 0.00	52.55 -1.23 0.00	53.70 -1.28 0.00	51.73 -1.31 0.00
YORK___WARBASSE 23770	48.88 3.16 0.00	40.27 2.73 0.00	35.76 2.48 0.00	33.36 2.14 0.00	30.40 1.92 0.00	33.27 2.16 0.00	35.43 2.37 0.00	34.84 2.29 0.00	39.14 2.42 0.00	44.77 2.65 0.00	41.86 2.45 0.00	41.13 2.29 0.00	42.22 2.28 0.00	44.41 2.38 0.00	47.50 2.42 0.00	48.01 2.40 0.00	54.39 2.70 0.00	53.96 2.99 0.00	61.55 3.17 0.00	60.60 2.96 0.00	63.96 2.73 0.00	56.39 2.62 0.00	57.51 2.54 0.00	55.11 2.07 0.00