

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

01/01/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	43.50	39.55	37.77	33.82	34.84	31.61	30.31	21.86	19.63	23.26	34.37	37.09	38.99	40.11	39.96	40.28	51.04	61.54	53.60	48.78	41.44	41.12	41.36	36.66
24138	1.69	1.59	1.40	1.15	1.16	1.11	1.16	0.93	0.91	0.92	1.63	1.70	1.82	2.01	2.33	2.41	3.14	3.74	3.35	3.02	2.68	2.63	2.73	2.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.63	39.68	37.89	33.92	34.93	31.70	30.39	21.92	19.68	23.33	34.46	37.26	39.14	40.28	40.13	40.45	51.23	61.78	53.83	48.98	41.60	41.27	41.50	36.77
24260	1.82	1.72	1.52	1.24	1.25	1.20	1.24	0.98	0.96	0.99	1.73	1.87	1.97	2.17	2.50	2.58	3.34	3.97	3.58	3.22	2.84	2.79	2.88	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	43.63	39.68	37.89	33.92	34.93	31.70	30.39	21.92	19.68	23.33	34.46	37.26	39.14	40.28	40.13	40.45	51.23	61.78	53.83	48.98	41.60	41.27	41.50	36.77
24261	1.82	1.72	1.52	1.24	1.25	1.20	1.24	0.98	0.96	0.99	1.73	1.87	1.97	2.17	2.50	2.58	3.34	3.97	3.58	3.22	2.84	2.79	2.88	2.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	43.75	39.87	38.25	34.19	35.27	31.89	30.54	22.00	19.90	23.72	34.90	37.77	39.76	40.76	40.33	40.72	51.60	62.27	54.17	49.26	41.76	41.36	41.40	36.75
24011	1.95	1.91	1.88	1.52	1.59	1.39	1.39	1.07	1.18	1.38	2.16	2.38	2.59	2.66	2.70	2.85	3.71	4.46	3.92	3.49	3.00	2.87	2.78	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.87	40.03	38.45	34.31	35.41	31.99	30.63	22.08	20.03	23.87	35.14	38.05	40.07	41.10	40.67	41.06	51.98	62.67	54.56	49.60	42.09	41.69	41.70	37.02
23798	2.07	2.07	2.07	1.64	1.72	1.49	1.48	1.14	1.31	1.54	2.41	2.66	2.90	3.00	3.04	3.19	4.08	4.86	4.30	3.84	3.33	3.20	3.08	2.68
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	43.75	39.87	38.25	34.19	35.27	31.89	30.54	22.00	19.90	23.72	34.90	37.77	39.76	40.76	40.33	40.72	51.60	62.27	54.17	49.26	41.76	41.36	41.40	36.75
24028	1.95	1.91	1.88	1.52	1.59	1.39	1.39	1.07	1.18	1.38	2.16	2.38	2.59	2.66	2.70	2.85	3.71	4.46	3.92	3.49	3.00	2.87	2.78	2.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.72	39.68	38.01	33.98	35.05	31.69	30.34	21.87	19.76	23.57	34.60	37.43	39.37	40.31	39.91	40.33	51.06	61.59	53.61	48.71	41.39	41.06	41.21	36.64
23527	1.92	1.72	1.63	1.31	1.37	1.19	1.19	0.94	1.04	1.23	1.86	2.04	2.20	2.21	2.29	2.45	3.16	3.79	3.35	2.95	2.63	2.58	2.59	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.80	38.89	37.22	33.36	34.38	31.12	29.78	21.44	19.28	22.96	33.75	36.48	38.36	39.33	38.91	38.98	49.38	59.58	51.80	47.12	39.98	39.64	39.85	35.69
24190	1.00	0.93	0.85	0.68	0.70	0.62	0.63	0.51	0.55	0.63	1.02	1.09	1.19	1.24	1.29	1.12	1.49	1.77	1.55	1.36	1.22	1.16	1.23	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.52	38.55	36.94	33.26	34.34	31.01	29.64	21.24	19.01	22.77	33.41	36.12	37.92	38.79	38.10	38.16	48.17	58.09	50.46	46.00	38.85	38.59	38.77	34.47
355683	0.71	0.59	0.56	0.59	0.66	0.51	0.49	0.31	0.28	0.43	0.68	0.73	0.74	0.69	0.47	0.29	0.27	0.28	0.21	0.24	0.09	0.10	0.15	0.12
	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
ALBANY_1_SOLAR	43.39	39.50	37.81	33.89	34.93	31.62	30.25	21.77	19.55	23.28	34.18	36.92	38.85	39.81	39.41	39.59	50.15	60.50	52.59	47.83	40.57	40.22	40.37	36.01
323833	1.59	1.54	1.43	1.21	1.25	1.12	1.10	0.84	0.82	0.94	1.44	1.53	1.68	1.72	1.78	1.72	2.25	2.69	2.34	2.07	1.81	1.74	1.74	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	43.38	39.49	37.79	33.88	34.93	31.61	30.24	21.76	19.54	23.27	34.16	36.90	38.83	39.80	39.40	39.57	50.15	60.49	52.57	47.82	40.54	40.20	40.35	36.00
323834	1.57	1.53	1.41	1.21	1.25	1.11	1.09	0.82	0.82	0.93	1.42	1.52	1.66	1.70	1.77	1.70	2.24	2.68	2.31	2.06	1.78	1.72	1.73	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	42.80	38.89	37.22	33.36	34.38	31.12	29.78	21.44	19.28	22.96	33.75	36.48	38.36	39.33	38.91	38.98	49.38	59.58	51.80	47.12	39.98	39.64	39.85	35.69
23571	1.00	0.93	0.85	0.68	0.70	0.62	0.63	0.51	0.55	0.63	1.02	1.09	1.19	1.24	1.29	1.12	1.49	1.77	1.55	1.36	1.22	1.16	1.23	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.80 1.00 0.00	38.89 0.93 0.00	37.22 0.85 0.00	33.36 0.68 0.00	34.38 0.70 0.00	31.12 0.62 0.00	29.78 0.63 0.00	21.44 0.51 0.00	19.28 0.55 0.00	22.96 0.63 0.00	33.75 1.02 0.00	36.48 1.09 0.00	38.36 1.19 0.00	39.33 1.24 0.00	38.91 1.29 0.00	38.98 1.12 0.00	49.38 1.49 0.00	59.58 1.77 0.00	51.80 1.55 0.00	47.12 1.36 0.00	39.98 1.22 0.00	39.64 1.16 0.00	39.85 1.23 0.00	35.69 1.35 0.00
ALBANY___3 23573	42.80 1.00 0.00	38.89 0.93 0.00	37.22 0.85 0.00	33.36 0.68 0.00	34.38 0.70 0.00	31.12 0.62 0.00	29.78 0.63 0.00	21.44 0.51 0.00	19.28 0.55 0.00	22.96 0.63 0.00	33.75 1.02 0.00	36.48 1.09 0.00	38.36 1.19 0.00	39.33 1.24 0.00	38.91 1.29 0.00	38.98 1.12 0.00	49.38 1.49 0.00	59.58 1.77 0.00	51.80 1.55 0.00	47.12 1.36 0.00	39.98 1.22 0.00	39.64 1.16 0.00	39.85 1.23 0.00	35.69 1.35 0.00
ALBANY___4 23574	42.80 1.00 0.00	38.89 0.93 0.00	37.22 0.85 0.00	33.36 0.68 0.00	34.38 0.70 0.00	31.12 0.62 0.00	29.78 0.63 0.00	21.44 0.51 0.00	19.28 0.55 0.00	22.96 0.63 0.00	33.75 1.02 0.00	36.48 1.09 0.00	38.36 1.19 0.00	39.33 1.24 0.00	38.91 1.29 0.00	38.98 1.12 0.00	49.38 1.49 0.00	59.58 1.77 0.00	51.80 1.55 0.00	47.12 1.36 0.00	39.98 1.22 0.00	39.64 1.16 0.00	39.85 1.23 0.00	35.69 1.35 0.00
ALBANY___LFGE 323615	43.07 1.26 0.00	39.12 1.16 0.00	37.44 1.07 0.00	33.55 0.88 0.00	34.59 0.91 0.00	31.31 0.81 0.00	29.95 0.81 0.00	21.56 0.63 0.00	19.39 0.67 0.00	23.10 0.77 0.00	33.96 1.23 0.00	36.72 1.33 0.00	38.62 1.45 0.00	39.61 1.51 0.00	39.18 1.55 0.00	39.32 1.45 0.00	49.82 1.92 0.00	60.11 2.30 0.00	52.26 2.01 0.00	47.53 1.77 0.00	40.31 1.55 0.00	39.98 1.50 0.00	40.16 1.54 0.00	35.90 1.56 0.00
ALCOA_PA_115KV_PL-6C 55860	42.72 0.91 0.00	38.72 0.76 0.00	37.10 0.72 0.00	33.43 0.75 0.00	34.51 0.83 0.00	31.16 0.66 0.00	29.76 0.62 0.00	21.33 0.40 0.00	19.09 0.37 0.00	22.91 0.56 0.00	33.60 0.87 0.00	36.33 0.94 0.00	38.13 0.96 0.00	39.00 0.90 0.00	38.28 0.65 0.00	38.31 0.43 0.00	48.37 0.47 0.00	58.31 0.51 0.00	50.66 0.41 0.00	46.17 0.41 0.00	38.99 0.23 0.00	38.71 0.23 0.00	38.92 0.30 0.00	34.60 0.26 0.00
ALCOA_RYNLDS___DRP 24188	42.72 0.91 0.00	38.72 0.76 0.00	37.10 0.72 0.00	33.43 0.75 0.00	34.51 0.83 0.00	31.16 0.66 0.00	29.76 0.62 0.00	21.33 0.40 0.00	19.09 0.37 0.00	22.91 0.56 0.00	33.60 0.87 0.00	36.33 0.94 0.00	38.13 0.96 0.00	39.00 0.90 0.00	38.28 0.65 0.00	38.31 0.43 0.00	48.37 0.47 0.00	58.31 0.51 0.00	50.66 0.41 0.00	46.17 0.41 0.00	38.99 0.23 0.00	38.71 0.23 0.00	38.92 0.30 0.00	34.60 0.26 0.00
ALCOA___DSASP 323711	42.72 0.91 0.00	38.72 0.76 0.00	37.10 0.72 0.00	33.43 0.75 0.00	34.51 0.83 0.00	31.16 0.66 0.00	29.77 0.62 0.00	21.33 0.40 0.00	19.09 0.36 0.00	22.91 0.56 0.00	33.60 0.87 0.00	36.33 0.94 0.00	38.13 0.95 0.00	39.00 0.90 0.00	38.28 0.66 0.00	38.31 0.43 0.00	48.37 0.47 0.00	58.31 0.51 0.00	50.66 0.40 0.00	46.17 0.41 0.00	38.98 0.23 0.00	38.71 0.23 0.00	38.92 0.30 0.00	34.61 0.26 0.00
ALLEGHENY___COGEN 23514	40.93 -0.88 0.00	37.24 -0.72 0.00	35.85 -0.53 0.00	32.30 -0.37 0.00	33.07 -0.61 0.00	29.97 -0.53 0.00	28.28 -0.87 0.00	20.10 -0.84 0.00	41.82 -1.00 -24.10	58.74 -1.10 -37.50	75.56 -1.86 -44.68	80.24 -1.96 -46.81	83.00 -2.20 -48.03	72.58 -2.38 -36.87	77.50 -2.20 -42.07	84.64 -1.95 -48.72	101.47 -2.44 -56.00	117.15 -2.23 -61.57	104.04 -1.90 -55.68	97.25 -1.71 -53.19	86.39 -1.55 -49.19	39.22 -1.55 -2.29	47.48 -1.68 -10.54	64.90 -1.70 -32.26
ALTAMONT_115KV_TB 2 55880	42.76 0.95 0.00	38.85 0.89 0.00	37.19 0.82 0.00	33.34 0.66 0.00	34.36 0.68 0.00	31.12 0.62 0.00	29.76 0.61 0.00	21.42 0.48 0.00	19.24 0.51 0.00	22.90 0.56 0.00	33.66 0.92 0.00	36.37 0.99 0.00	38.26 1.09 0.00	39.23 1.13 0.00	38.84 1.21 0.00	39.09 1.21 0.00	49.51 1.61 0.00	59.74 1.93 0.00	51.95 1.70 0.00	47.27 1.51 0.00	40.08 1.32 0.00	39.76 1.28 0.00	39.92 1.30 0.00	35.55 1.21 0.00
ALTONA_WT_PWR 323606	42.66 0.85 0.00	38.46 0.50 0.00	36.69 0.31 0.00	33.06 0.38 0.00	34.27 0.58 0.00	30.65 0.15 0.00	29.54 0.39 0.00	21.23 0.30 0.00	19.12 0.39 0.00	22.90 0.56 0.00	33.68 0.94 0.00	36.42 1.03 0.00	38.28 1.11 0.00	39.23 1.13 0.00	38.39 0.76 0.00	38.18 0.31 0.00	47.88 -0.02 0.00	57.67 -0.14 0.00	49.98 -0.28 0.00	45.43 -0.33 0.00	38.09 -0.67 0.00	21.92 -0.90 15.66	22.93 -0.91 14.78	14.55 -0.77 19.02
AMERICAN_REF_FUEL 24010	37.27 -4.54 0.00	33.84 -4.12 0.00	32.69 -3.68 0.00	29.76 -2.91 0.00	30.28 -3.40 0.00	27.48 -3.01 0.00	25.75 -3.40 0.00	18.20 -2.73 0.00	10.74 -2.68 5.30	10.85 -3.05 8.43	17.93 -4.64 10.17	19.84 -4.89 10.66	21.01 -5.23 10.92	24.24 -5.47 8.39	22.70 -5.35 9.57	21.31 -5.48 11.08	27.87 -7.29 12.74	35.58 -8.20 14.02	30.47 -7.12 12.67	27.23 -6.43 12.10	22.17 -5.43 11.16	32.41 -5.57 0.51	31.04 -5.26 2.32	22.41 -4.84 7.10
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.76 -3.05 0.00	35.49 -2.47 0.00	34.36 -2.02 0.00	31.16 -1.51 0.00	31.31 -2.37 0.00	28.28 -2.22 0.00	26.29 -2.86 0.00	18.39 -2.54 0.00	10.52 -2.58 5.62	10.56 -3.00 8.78	17.73 -4.52 10.49	19.68 -4.72 10.98	20.84 -5.06 11.27	24.26 -5.19 8.65	22.73 -5.02 9.87	21.51 -4.93 11.43	28.50 -6.26 13.14	36.64 -6.72 14.45	31.68 -5.51 13.07	28.38 -4.89 12.48	22.94 -4.29 11.54	33.08 -4.87 0.54	31.44 -4.73 2.46	22.42 -4.40 7.53
ARTHUR KILL_GT_1 23520	61.41 1.80 -17.80	53.16 1.75 -13.45	52.72 1.56 -14.78	52.15 1.31 -18.15	52.08 1.29 -17.11	51.86 1.22 -20.14	51.89 1.30 -21.45	52.06 1.02 -30.10	52.05 0.97 -32.36	52.16 0.99 -28.83	52.40 1.67 -18.00	179.78 1.66 -142.74	56.27 1.90 -17.20	58.06 2.12 -17.84	58.05 2.42 -18.01	58.40 2.54 -17.98	58.53 3.32 -7.31	62.07 3.91 -0.36	59.07 3.54 -5.27	63.61 3.24 -14.61	59.09 2.84 -17.50	59.09 2.83 -17.78	58.49 2.90 -16.97	58.05 2.42 -21.29
ARTHUR_KILL_2 23512	61.29 1.69 -17.80	53.07 1.66 -13.45	52.63 1.47 -14.78	52.05 1.22 -18.15	52.00 1.21 -17.11	51.78 1.15 -20.14	51.81 1.22 -21.45	52.00 0.97 -30.10	52.00 0.92 -32.36	52.11 0.93 -28.83	52.34 1.60 -18.00	179.70 1.57 -142.74	56.18 1.81 -17.20	57.95 2.01 -17.84	57.95 2.32 -18.01	58.29 2.43 -17.98	58.39 3.18 -7.31	61.90 3.73 -0.36	58.91 3.38 -5.27	63.46 3.09 -14.61	58.97 2.71 -17.50	58.97 2.71 -17.78	58.38 2.78 -16.97	57.95 2.32 -21.29
ARTHUR_KILL_3 23513	61.84 1.29 -18.74	53.38 1.26 -14.16	53.01 1.07 -15.56	52.64 0.85 -19.11	52.54 0.85 -18.01	52.53 0.83 -21.20	52.62 0.90 -22.57	53.36 0.74 -31.69	53.51 0.72 -34.07	53.39 0.70 -30.35	52.98 1.29 -18.95	187.02 1.36 -150.27	56.72 1.44 -18.11	58.50 1.62 -18.77	58.52 1.94 -18.96	58.83 2.03 -18.93	58.26 2.67 -7.69	61.36 3.17 -0.38	58.67 2.87 -5.55	63.71 2.57 -15.38	59.49 2.31 -18.42	59.48 2.28 -18.71	58.86 2.37 -17.87	58.72 1.97 -22.40

ARTHUR_KILL_COGEN 323718	61.41 1.80 -17.80	53.16 1.75 -13.45	52.72 1.56 -14.78	52.15 1.31 -18.15	52.08 1.29 -17.11	51.86 1.22 -20.14	51.89 1.30 -21.45	52.06 1.02 -30.10	52.05 0.97 -32.36	52.16 0.99 -28.83	52.40 1.67 -18.00	179.78 1.66 -142.74	56.27 1.90 -17.20	58.06 2.12 -17.84	58.05 2.42 -18.01	58.40 2.54 -17.98	58.53 3.32 -7.31	62.07 3.91 -0.36	59.07 3.54 -5.27	63.61 3.24 -14.61	59.09 2.84 -17.50	59.09 2.83 -17.78	58.49 2.90 -16.97	58.05 2.42 -21.29
ASHOKAN____ 23654	44.70 2.89 0.00	40.51 2.55 0.00	38.67 2.30 0.00	34.61 1.93 0.00	35.64 1.96 0.00	32.30 1.80 0.00	30.96 1.81 0.00	22.34 1.41 0.00	20.10 1.37 0.00	23.91 1.58 0.00	35.26 2.53 0.00	38.24 2.85 0.00	40.26 3.09 0.00	41.36 3.26 0.00	41.11 3.48 0.00	41.50 3.63 0.00	52.77 4.87 0.00	63.87 6.07 0.00	55.51 5.26 0.00	50.45 4.69 0.00	42.74 3.98 0.00	42.27 3.79 0.00	42.29 3.67 0.00	37.40 3.06 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.31 1.50 0.00	39.42 1.46 0.00	37.62 1.25 0.00	33.73 1.05 0.00	34.70 1.02 0.00	31.51 1.01 0.00	30.23 1.08 0.00	21.80 0.87 0.00	19.57 0.85 0.00	23.18 0.84 0.00	34.28 1.54 0.00	37.03 1.65 0.00	38.84 1.67 0.00	40.03 1.93 0.00	39.82 2.19 0.00	40.16 2.29 0.00	50.82 2.92 0.00	61.34 3.53 0.00	53.40 3.15 0.00	48.65 2.89 0.00	41.39 2.63 0.00	41.08 2.60 0.00	41.25 2.63 0.00	36.51 2.16 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.31 1.50 0.00	39.42 1.46 0.00	37.62 1.25 0.00	33.73 1.05 0.00	34.70 1.02 0.00	31.51 1.01 0.00	30.23 1.08 0.00	21.80 0.87 0.00	19.57 0.85 0.00	23.18 0.84 0.00	34.28 1.54 0.00	37.03 1.65 0.00	38.84 1.67 0.00	40.03 1.93 0.00	39.82 2.19 0.00	40.17 2.29 0.00	50.82 2.92 0.00	61.34 3.53 0.00	53.40 3.15 0.00	48.65 2.89 0.00	41.39 2.63 0.00	41.08 2.60 0.00	41.25 2.63 0.00	36.51 2.16 0.00
ASTORIA_GT2_1 24094	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT2_2 24095	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT2_3 24096	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT2_4 24097	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT3_1 24098	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT3_2 24099	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT3_3 24100	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT3_4 24101	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT4_1 24102	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT4_2 24103	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT4_3 24104	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01

ASTORIA_GT4_4 24105	43.35 1.54 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.10 1.71 0.00	38.89 1.72 0.00	40.08 1.98 0.00	39.87 2.24 0.00	40.22 2.35 0.00	50.89 2.99 0.00	61.41 3.61 0.00	53.53 3.27 0.00	48.73 2.96 0.00	41.42 2.66 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.53 2.18 -0.01
ASTORIA_GT_1 23523	43.40 1.59 0.00	39.50 1.54 0.00	37.69 1.31 0.00	33.79 1.12 0.00	34.76 1.08 0.00	31.56 1.06 0.00	30.29 1.14 0.00	21.85 0.91 0.00	19.61 0.88 0.00	23.22 0.88 0.00	34.35 1.61 0.00	37.10 1.71 0.00	38.92 1.75 0.00	40.12 2.02 0.00	39.89 2.26 0.00	40.26 2.39 0.00	50.94 3.05 0.00	61.47 3.67 0.00	53.53 3.27 0.00	48.78 3.02 0.00	41.48 2.72 0.00	41.16 2.68 0.00	41.33 2.71 0.00	36.58 2.23 0.00
ASTORIA_GT_10 24110	43.48 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.82 1.13 0.00	31.59 1.10 0.00	30.30 1.15 0.00	21.84 0.91 0.00	19.61 0.88 0.00	23.24 0.90 0.00	34.36 1.62 0.00	37.11 1.72 0.00	38.94 1.77 0.00	40.08 1.98 0.00	39.92 2.29 0.00	40.25 2.38 0.00	50.97 3.07 0.00	61.45 3.64 0.00	53.55 3.30 0.00	48.75 2.99 0.00	41.42 2.66 0.00	41.12 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
ASTORIA_GT_11 24225	43.48 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.82 1.13 0.00	31.59 1.10 0.00	30.30 1.15 0.00	21.84 0.91 0.00	19.61 0.88 0.00	23.24 0.90 0.00	34.36 1.62 0.00	37.11 1.72 0.00	38.94 1.77 0.00	40.08 1.98 0.00	39.92 2.29 0.00	40.25 2.38 0.00	50.97 3.07 0.00	61.45 3.64 0.00	53.55 3.30 0.00	48.75 2.99 0.00	41.42 2.66 0.00	41.12 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
ASTORIA_GT_12 24226	43.48 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.82 1.13 0.00	31.59 1.10 0.00	30.30 1.15 0.00	21.84 0.91 0.00	19.61 0.88 0.00	23.24 0.90 0.00	34.36 1.62 0.00	37.11 1.72 0.00	38.94 1.77 0.00	40.08 1.98 0.00	39.92 2.29 0.00	40.25 2.38 0.00	50.97 3.07 0.00	61.45 3.64 0.00	53.55 3.30 0.00	48.75 2.99 0.00	41.42 2.66 0.00	41.12 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
ASTORIA_GT_13 24227	43.48 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.82 1.13 0.00	31.59 1.10 0.00	30.30 1.15 0.00	21.84 0.91 0.00	19.61 0.88 0.00	23.24 0.90 0.00	34.36 1.62 0.00	37.11 1.72 0.00	38.94 1.77 0.00	40.08 1.98 0.00	39.92 2.29 0.00	40.25 2.38 0.00	50.97 3.07 0.00	61.45 3.64 0.00	53.55 3.30 0.00	48.75 2.99 0.00	41.42 2.66 0.00	41.12 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
ASTORIA_GT_5 24106	43.40 1.60 0.00	39.51 1.55 0.00	37.69 1.31 0.00	33.79 1.11 0.00	34.77 1.08 0.00	31.56 1.06 0.00	30.29 1.14 0.00	21.85 0.91 0.00	19.61 0.88 0.00	23.22 0.88 0.00	34.35 1.62 0.00	37.15 1.77 0.00	38.95 1.78 0.00	40.13 2.03 0.00	39.93 2.30 0.00	40.29 2.42 0.00	50.98 3.08 0.00	61.52 3.72 0.00	53.61 3.35 0.00	48.81 3.05 0.00	41.50 2.73 0.00	41.16 2.68 0.00	41.33 2.71 0.00	36.58 2.23 -0.01
ASTORIA_GT_7 24107	43.40 1.60 0.00	39.51 1.55 0.00	37.69 1.31 0.00	33.79 1.11 0.00	34.77 1.08 0.00	31.56 1.06 0.00	30.29 1.14 0.00	21.85 0.91 0.00	19.61 0.88 0.00	23.22 0.88 0.00	34.35 1.62 0.00	37.15 1.77 0.00	38.95 1.78 0.00	40.13 2.03 0.00	39.93 2.30 0.00	40.29 2.42 0.00	50.98 3.08 0.00	61.52 3.72 0.00	53.61 3.35 0.00	48.81 3.05 0.00	41.50 2.73 0.00	41.16 2.68 0.00	41.33 2.71 0.00	36.58 2.23 -0.01
ASTORIA_GT_8 24108	43.40 1.60 0.00	39.51 1.55 0.00	37.69 1.31 0.00	33.79 1.11 0.00	34.77 1.08 0.00	31.56 1.06 0.00	30.29 1.14 0.00	21.85 0.91 0.00	19.61 0.88 0.00	23.22 0.88 0.00	34.35 1.62 0.00	37.15 1.77 0.00	38.95 1.78 0.00	40.13 2.03 0.00	39.93 2.30 0.00	40.29 2.42 0.00	50.98 3.08 0.00	61.52 3.72 0.00	53.61 3.35 0.00	48.81 3.05 0.00	41.50 2.73 0.00	41.16 2.68 0.00	41.33 2.71 0.00	36.58 2.23 -0.01
ASTORIA___2 24149	43.34 1.53 0.00	39.45 1.49 0.00	37.63 1.26 0.00	33.74 1.06 0.00	34.72 1.04 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.57 0.85 0.00	23.20 0.86 0.00	34.30 1.56 0.00	37.05 1.66 0.00	38.86 1.69 0.00	40.06 1.96 0.00	39.84 2.21 0.00	40.19 2.32 0.00	50.87 2.97 0.00	61.37 3.56 0.00	53.44 3.18 0.00	48.69 2.93 0.00	41.41 2.65 0.00	41.10 2.61 0.00	41.27 2.65 0.00	36.53 2.18 0.00
ASTORIA___3 23516	43.47 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.83 1.14 0.00	31.59 1.09 0.00	30.29 1.14 0.00	21.84 0.90 0.00	19.61 0.88 0.00	23.23 0.89 0.00	34.35 1.62 0.00	37.08 1.70 0.00	38.91 1.74 0.00	40.07 1.97 0.00	39.89 2.26 0.00	40.22 2.35 0.00	50.94 3.04 0.00	61.41 3.60 0.00	53.52 3.26 0.00	48.73 2.97 0.00	41.42 2.66 0.00	41.11 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
ASTORIA___4 23517	43.47 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.82 1.13 0.00	31.59 1.10 0.00	30.30 1.14 0.00	21.84 0.91 0.00	19.61 0.88 0.00	23.23 0.90 0.00	34.36 1.62 0.00	37.11 1.72 0.00	38.94 1.77 0.00	40.08 1.98 0.00	39.92 2.29 0.00	40.25 2.38 0.00	50.97 3.07 0.00	61.45 3.64 0.00	53.55 3.30 0.00	48.74 2.98 0.00	41.42 2.66 0.00	41.12 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
ASTORIA___5 23518	43.47 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.83 1.14 0.00	31.59 1.09 0.00	30.29 1.14 0.00	21.84 0.90 0.00	19.61 0.88 0.00	23.23 0.89 0.00	34.35 1.62 0.00	37.08 1.70 0.00	38.91 1.74 0.00	40.07 1.97 0.00	39.89 2.27 0.00	40.22 2.35 0.00	50.94 3.04 0.00	61.41 3.60 0.00	53.52 3.26 0.00	48.73 2.97 0.00	41.42 2.66 0.00	41.11 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
AST_ENERGY_2_CC3 323677	43.23 1.42 0.00	39.37 1.41 0.00	37.59 1.21 0.00	33.65 0.98 0.00	34.67 0.99 0.00	31.46 0.96 0.00	30.16 1.01 0.00	21.75 0.82 0.00	19.52 0.79 0.00	23.09 0.76 0.00	34.16 1.42 0.00	36.86 1.48 0.00	38.73 1.55 0.00	39.84 1.74 0.00	39.69 2.07 0.00	40.00 2.13 0.00	50.68 2.78 0.00	61.08 3.28 0.00	53.24 2.98 0.00	48.44 2.68 0.00	41.17 2.41 0.00	40.88 2.40 0.00	41.19 2.57 0.00	36.53 2.19 0.00
AST_ENERGY_2_CC4 323678	43.23 1.42 0.00	39.37 1.41 0.00	37.59 1.21 0.00	33.65 0.98 0.00	34.67 0.99 0.00	31.46 0.96 0.00	30.16 1.01 0.00	21.75 0.82 0.00	19.52 0.79 0.00	23.09 0.76 0.00	34.16 1.42 0.00	36.86 1.48 0.00	38.73 1.55 0.00	39.84 1.74 0.00	39.69 2.07 0.00	40.00 2.13 0.00	50.68 2.78 0.00	61.08 3.28 0.00	53.24 2.98 0.00	48.44 2.68 0.00	41.17 2.41 0.00	40.88 2.40 0.00	41.19 2.57 0.00	36.53 2.19 0.00

ATHENS_STG_1 23668	42.80 0.99 0.00	38.89 0.93 0.00	37.21 0.84 0.00	33.35 0.67 0.00	34.36 0.68 0.00	31.13 0.63 0.00	29.78 0.63 0.00	21.45 0.51 0.00	19.26 0.53 0.00	22.91 0.57 0.00	33.69 0.96 0.00	36.41 1.03 0.00	38.28 1.11 0.00	39.29 1.19 0.00	38.96 1.33 0.00	39.27 1.39 0.00	49.74 1.84 0.00	60.00 2.19 0.00	52.20 1.94 0.00	47.51 1.75 0.00	40.31 1.55 0.00	40.00 1.52 0.00	40.17 1.55 0.00	35.69 1.35 0.00
ATHENS_STG_2 23670	42.80 0.99 0.00	38.89 0.93 0.00	37.21 0.84 0.00	33.35 0.67 0.00	34.36 0.68 0.00	31.13 0.63 0.00	29.78 0.63 0.00	21.45 0.51 0.00	19.26 0.53 0.00	22.91 0.57 0.00	33.69 0.96 0.00	36.41 1.03 0.00	38.28 1.11 0.00	39.29 1.19 0.00	38.96 1.33 0.00	39.27 1.39 0.00	49.74 1.84 0.00	60.00 2.19 0.00	52.20 1.94 0.00	47.51 1.75 0.00	40.31 1.55 0.00	40.00 1.52 0.00	40.17 1.55 0.00	35.69 1.35 0.00
ATHENS_STG_3 23677	42.80 0.99 0.00	38.89 0.93 0.00	37.21 0.84 0.00	33.35 0.67 0.00	34.36 0.68 0.00	31.13 0.63 0.00	29.78 0.63 0.00	21.45 0.51 0.00	19.26 0.53 0.00	22.91 0.57 0.00	33.69 0.96 0.00	36.41 1.03 0.00	38.28 1.11 0.00	39.29 1.19 0.00	38.96 1.33 0.00	39.27 1.39 0.00	49.74 1.84 0.00	60.00 2.19 0.00	52.20 1.94 0.00	47.51 1.75 0.00	40.31 1.55 0.00	40.00 1.52 0.00	40.17 1.55 0.00	35.69 1.35 0.00
AUBURN___LFGE 323710	41.16 -0.65 0.00	37.42 -0.55 0.00	35.86 -0.51 0.00	32.22 -0.45 0.00	33.17 -0.52 0.00	30.08 -0.42 0.00	28.69 -0.46 0.00	20.57 -0.36 0.00	18.30 -0.42 0.00	21.86 -0.48 0.00	31.92 -0.82 0.00	34.51 -0.87 0.00	36.26 -0.91 0.00	37.21 -0.88 0.00	36.80 -0.82 0.00	37.11 -0.75 0.00	46.89 -1.01 0.00	56.73 -1.08 0.00	49.34 -0.92 0.00	44.90 -0.86 0.00	38.00 -0.76 0.00	37.75 -0.74 0.00	37.80 -0.83 0.00	33.59 -0.75 0.00
BABYLON_RES_REC 323704	43.77 1.96 0.00	39.81 1.85 0.00	37.89 1.52 0.00	34.06 1.38 0.00	35.18 1.50 0.00	32.05 1.55 0.00	30.72 1.57 0.00	22.16 1.22 0.00	19.85 1.12 0.00	23.29 0.95 0.00	34.56 1.82 0.00	37.18 1.79 0.00	39.48 2.31 0.00	40.81 2.71 0.00	53.20 3.21 -12.36	55.52 3.31 -14.34	52.78 4.07 -0.81	66.29 4.92 -3.56	54.61 4.34 0.00	51.34 3.93 -1.66	55.24 3.52 -12.95	55.14 3.52 -13.14	42.05 3.43 0.00	37.16 2.81 0.00
BABYLON__69_KV_BK2 356345	44.16 2.35 0.00	40.16 2.20 0.00	38.20 1.82 0.00	34.35 1.68 0.00	35.50 1.82 0.00	32.37 1.87 0.00	31.03 1.88 0.00	22.37 1.44 0.00	20.04 1.32 0.00	23.49 1.16 0.00	34.84 2.11 0.00	37.51 2.13 0.00	39.87 2.69 0.00	41.21 3.11 0.00	53.41 3.68 -12.10	55.71 3.80 -14.04	53.36 4.67 -0.79	66.97 5.68 -3.48	55.26 5.00 0.00	51.90 4.52 -1.62	55.47 4.02 -12.68	55.34 4.00 -12.86	42.50 3.88 0.00	37.55 3.21 0.00
BALL_HILL_WT_PWR 323825	38.63 -3.18 0.00	35.20 -2.76 0.00	34.01 -2.36 0.00	30.85 -1.82 0.00	31.28 -2.40 0.00	28.29 -2.21 0.00	26.47 -2.68 0.00	18.65 -2.28 0.00	8.83 -2.34 7.55	7.86 -2.70 11.77	14.59 -4.10 14.05	16.37 -4.29 14.72	17.46 -4.61 15.10	21.76 -4.74 11.59	19.80 -4.60 13.23	17.89 -4.66 15.32	24.25 -6.04 17.61	31.80 -6.65 19.36	27.10 -5.65 17.51	24.01 -5.02 16.72	18.98 -4.32 15.46	33.27 -4.49 0.72	30.96 -4.36 3.30	20.13 -4.11 10.10
BARON_WINDS___WT_PWR 323822	39.23 -2.58 0.00	35.91 -2.05 0.00	34.66 -1.72 0.00	31.09 -1.59 0.00	31.80 -1.89 0.00	28.78 -1.71 0.00	27.08 -2.07 0.00	19.20 -1.72 0.01	-22.38 -1.83 39.27	-40.98 -2.18 61.14	-43.56 -3.43 72.86	-44.49 -3.54 76.33	-44.88 -3.74 78.31	-25.80 -3.78 60.12	-34.40 -3.43 68.60	-45.00 -3.43 79.45	-47.89 -4.48 91.31	-47.94 -5.35 100.40	-45.00 -4.46 90.80	-45.00 -4.02 86.73	-44.91 -3.47 80.20	31.50 -3.25 3.73	17.99 -3.46 17.17	-21.33 -3.11 52.56
BARRETT_IC_1 23704	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_10 23701	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_11 23702	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_12 23703	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_2 23705	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_3 23706	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_4 23707	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00

BARRETT_IC_5 23708	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_6 23709	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_7 23710	43.51 1.71 0.00	39.61 1.65 0.00	37.74 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.69 0.96 0.00	23.15 0.81 0.00	34.41 1.68 0.00	37.10 1.72 0.00	39.29 2.12 0.00	40.51 2.41 0.00	51.81 2.74 -11.44	54.03 2.88 -13.27	52.16 3.52 -0.75	65.09 3.99 -3.29	53.90 3.64 0.00	50.56 3.27 -1.53	53.67 2.92 -11.99	53.61 2.97 -12.16	41.63 3.00 0.00	36.85 2.51 0.00
BARRETT_IC_8 23711	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT_IC_9 23700	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT___1 23545	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BARRETT___2 23546	43.51 1.71 0.00	39.61 1.65 0.00	37.73 1.36 0.00	33.88 1.21 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.47 1.32 0.00	21.96 1.02 0.00	19.68 0.95 0.00	23.14 0.80 0.00	34.41 1.67 0.00	37.09 1.71 0.00	39.27 2.10 0.00	40.50 2.40 0.00	51.79 2.72 -11.44	54.01 2.86 -13.27	52.14 3.49 -0.75	65.07 3.97 -3.29	53.87 3.61 0.00	50.55 3.26 -1.53	53.66 2.91 -11.99	53.61 2.97 -12.16	41.63 3.01 0.00	36.85 2.51 0.00
BATAVIA__115KV_TB1 55881	39.25 -2.56 0.00	35.62 -2.34 0.00	34.32 -2.06 0.00	31.13 -1.54 0.00	31.77 -1.91 0.00	28.84 -1.66 0.00	27.16 -1.99 0.00	19.28 -1.65 0.00	13.33 -1.72 3.67	14.60 -1.94 5.80	22.82 -2.95 6.97	24.97 -3.12 7.30	26.35 -3.34 7.48	28.90 -3.46 5.74	27.64 -3.43 6.56	26.69 -3.60 7.59	34.50 -4.67 8.73	43.29 -4.91 9.60	37.21 -4.36 8.68	33.55 -3.92 8.29	27.69 -3.43 7.65	34.80 -3.34 0.35	33.81 -3.20 1.61	26.30 -3.13 4.92
BAYONEEC___CTG1 323682	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG10 323750	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG2 323683	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG3 323684	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG4 323685	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG5 323686	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG6 323687	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00

BAYONEEC___CTG7 323688	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG8 323689	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BAYONEEC___CTG9 323749	43.29 1.49 0.00	39.39 1.43 0.00	37.61 1.24 0.00	33.68 1.00 0.00	34.69 1.01 0.00	31.47 0.97 0.00	30.18 1.03 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.19 1.45 0.00	36.92 1.54 0.00	38.80 1.63 0.00	39.92 1.82 0.00	39.77 2.14 0.00	40.10 2.22 0.00	50.80 2.90 0.00	61.22 3.42 0.00	53.36 3.11 0.00	48.57 2.80 0.00	41.26 2.51 0.00	40.96 2.48 0.00	41.19 2.57 0.00	36.50 2.16 0.00
BEACON___LESR 323632	43.35 1.55 0.00	39.37 1.40 0.00	37.71 1.33 0.00	33.76 1.09 0.00	34.80 1.12 0.00	31.47 0.97 0.00	30.14 0.99 0.00	21.71 0.78 0.00	19.54 0.82 0.00	23.27 0.93 0.00	34.22 1.48 0.00	36.96 1.57 0.00	38.91 1.74 0.00	39.86 1.76 0.00	39.48 1.86 0.00	39.64 1.77 0.00	50.31 2.42 0.00	60.77 2.96 0.00	52.86 2.60 0.00	48.06 2.30 0.00	40.69 1.93 0.00	40.36 1.88 0.00	40.54 1.92 0.00	36.19 1.85 0.00
BEAVER RIVER___HYD 24048	40.82 -0.99 0.00	36.83 -1.13 0.00	35.20 -1.17 0.00	32.07 -0.61 0.00	33.46 -0.22 0.00	30.43 -0.06 0.00	29.15 0.00 0.00	20.98 0.05 0.00	18.78 0.06 0.00	22.57 0.23 0.00	33.07 0.34 0.00	35.68 0.30 0.00	37.20 0.03 0.00	37.91 -0.19 0.00	36.58 -1.05 0.00	36.69 -1.18 0.00	46.49 -1.41 0.00	55.90 -1.91 0.00	48.45 -1.80 0.00	44.02 -1.74 0.00	37.13 -1.63 0.00	36.69 -1.79 0.00	36.77 -1.85 0.00	32.69 -1.65 0.00
BEEBEE_GT_13 23619	39.54 -2.26 0.00	35.90 -2.06 0.00	34.52 -1.86 0.00	31.21 -1.46 0.00	31.96 -1.72 0.00	28.99 -1.51 0.00	27.46 -1.69 0.00	19.56 -1.37 0.00	17.27 -1.46 0.00	20.67 -1.67 0.00	30.20 -2.53 0.00	32.68 -2.70 0.00	34.28 -2.89 0.00	35.17 -2.93 0.00	34.74 -2.89 0.00	34.90 -2.97 0.00	44.06 -3.85 0.00	53.58 -4.23 0.00	46.51 -3.75 0.00	42.38 -3.38 0.00	35.82 -2.94 0.00	35.68 -2.80 0.00	35.84 -2.78 0.00	31.68 -2.67 0.00
BENSHRST_27_KV_BENSHRST_1 355998	61.72 2.12 -17.80	53.40 1.99 -13.45	52.91 1.75 -14.78	52.30 1.47 -18.15	52.25 1.45 -17.11	52.01 1.37 -20.14	52.02 1.43 -21.45	52.16 1.12 -30.10	52.16 1.08 -32.36	52.30 1.13 -28.83	52.66 1.92 -18.00	180.15 2.03 -142.74	56.55 2.17 -17.20	58.34 2.41 -17.84	58.35 2.72 -18.01	58.69 2.84 -17.98	58.89 3.68 -7.31	62.53 4.36 -0.36	59.49 3.96 -5.27	63.96 3.59 -14.61	59.42 3.16 -17.50	59.37 3.12 -17.78	58.79 3.19 -16.97	58.30 2.67 -21.29
BETHLEHEM___GRP 23843	42.80 1.00 0.00	38.89 0.93 0.00	37.22 0.85 0.00	33.36 0.68 0.00	34.38 0.70 0.00	31.12 0.62 0.00	29.78 0.63 0.00	21.44 0.51 0.00	19.28 0.55 0.00	22.96 0.63 0.00	33.75 1.02 0.00	36.48 1.09 0.00	38.36 1.19 0.00	39.33 1.24 0.00	38.91 1.29 0.00	38.98 1.12 0.00	49.38 1.49 0.00	59.58 1.77 0.00	51.80 1.55 0.00	47.12 1.36 0.00	39.98 1.22 0.00	39.64 1.16 0.00	39.85 1.23 0.00	35.69 1.35 0.00
BETHLEHEM___GS1 323560	42.80 0.99 0.00	38.89 0.93 0.00	37.22 0.84 0.00	33.36 0.68 0.00	34.38 0.70 0.00	31.12 0.62 0.00	29.78 0.63 0.00	21.44 0.51 0.00	19.28 0.55 0.00	22.96 0.63 0.00	33.75 1.02 0.00	36.47 1.09 0.00	38.36 1.19 0.00	39.33 1.23 0.00	38.91 1.28 0.00	38.98 1.11 0.00	49.38 1.49 0.00	59.57 1.76 0.00	51.79 1.54 0.00	47.12 1.35 0.00	39.96 1.20 0.00	39.64 1.16 0.00	39.85 1.23 0.00	35.69 1.35 0.00
BETHLEHEM___GS2 323561	42.80 0.99 0.00	38.89 0.93 0.00	37.22 0.84 0.00	33.36 0.68 0.00	34.38 0.70 0.00	31.12 0.62 0.00	29.78 0.63 0.00	21.44 0.51 0.00	19.28 0.55 0.00	22.96 0.63 0.00	33.75 1.02 0.00	36.47 1.09 0.00	38.36 1.19 0.00	39.33 1.23 0.00	38.91 1.28 0.00	38.98 1.11 0.00	49.38 1.49 0.00	59.57 1.76 0.00	51.79 1.54 0.00	47.12 1.35 0.00	39.96 1.20 0.00	39.64 1.16 0.00	39.85 1.23 0.00	35.69 1.35 0.00
BETHLEHEM___GS3 323562	42.80 0.99 0.00	38.89 0.93 0.00	37.22 0.84 0.00	33.36 0.68 0.00	34.38 0.70 0.00	31.12 0.62 0.00	29.78 0.63 0.00	21.44 0.51 0.00	19.28 0.55 0.00	22.96 0.63 0.00	33.75 1.02 0.00	36.47 1.09 0.00	38.36 1.19 0.00	39.33 1.23 0.00	38.91 1.28 0.00	38.98 1.11 0.00	49.38 1.49 0.00	59.57 1.76 0.00	51.79 1.54 0.00	47.12 1.35 0.00	39.96 1.20 0.00	39.64 1.16 0.00	39.85 1.23 0.00	35.69 1.35 0.00
BETHLEHEM___STEEL 23779	38.60 -3.20 0.00	35.10 -2.86 0.00	33.89 -2.49 0.00	30.76 -1.91 0.00	31.31 -2.37 0.00	28.36 -2.13 0.00	26.62 -2.53 0.00	18.81 -2.12 0.00	9.47 -2.24 7.00	8.81 -2.58 10.95	15.77 -3.89 13.08	17.55 -4.14 13.70	18.65 -4.46 14.05	22.76 -4.55 10.79	20.85 -4.46 12.31	19.00 -4.62 14.26	25.44 -6.07 16.38	33.08 -6.71 18.02	28.14 -5.82 16.29	25.02 -5.17 15.56	19.95 -4.42 14.39	33.53 -4.28 0.67	31.42 -4.14 3.06	21.03 -3.93 9.38
BETHLHEM_115KV_TB1 79974	42.80 0.99 0.00	38.89 0.93 0.00	37.21 0.83 0.00	33.36 0.68 0.00	34.38 0.69 0.00	31.12 0.62 0.00	29.77 0.62 0.00	21.43 0.50 0.00	19.27 0.54 0.00	22.95 0.61 0.00	33.72 0.98 0.00	36.45 1.06 0.00	38.33 1.16 0.00	39.31 1.21 0.00	38.90 1.27 0.00	39.01 1.13 0.00	49.41 1.51 0.00	59.62 1.81 0.00	51.83 1.57 0.00	47.14 1.38 0.00	40.00 1.24 0.00	39.68 1.19 0.00	39.86 1.24 0.00	35.66 1.32 0.00
BETHPAGE_CC_5 323564	43.77 1.96 0.00	39.81 1.85 0.00	37.92 1.55 0.00	34.06 1.38 0.00	35.17 1.49 0.00	32.01 1.52 0.00	30.68 1.53 0.00	22.12 1.19 0.00	19.82 1.09 0.00	23.30 0.96 0.00	34.57 1.83 0.00	37.24 1.85 0.00	39.47 2.30 0.00	40.75 2.65 0.00	53.84 3.10 -13.11	56.27 3.19 -15.20	52.73 3.98 -0.85	66.34 4.76 -3.77	54.50 4.24 0.00	51.33 3.82 -1.75	55.91 3.42 -13.73	55.82 3.41 -13.92	41.96 3.34 0.00	37.11 2.76 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.78 -3.02 0.00	35.26 -2.70 0.00	34.06 -2.32 0.00	30.89 -1.79 0.00	31.46 -2.23 0.00	28.48 -2.01 0.00	26.74 -2.40 0.00	18.90 -2.03 0.00	10.00 -2.15 6.57	9.60 -2.46 10.27	16.75 -3.72 12.27	18.58 -3.95 12.85	19.71 -4.28 13.19	23.63 -4.35 10.12	21.81 -4.27 11.55	20.09 -4.41 13.38	26.74 -5.78 15.38	34.52 -6.38 16.91	29.45 -5.52 15.29	26.26 -4.89 14.61	21.07 -4.19 13.50	33.80 -4.05 0.63	31.85 -3.90 2.88	21.82 -3.73 8.80

BINGHAMTON___COGEN 23790	41.08 -0.72 0.00	37.35 -0.61 0.00	35.83 -0.55 0.00	32.11 -0.57 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.41 0.00	18.30 -0.42 0.00	21.84 -0.50 0.00	31.91 -0.83 0.00	34.53 -0.85 0.00	36.26 -0.92 0.00	37.22 -0.88 0.00	36.90 -0.73 0.00	37.20 -0.68 0.00	46.96 -0.94 0.00	56.68 -1.13 0.00	49.38 -0.87 0.00	44.97 -0.79 0.00	38.07 -0.69 0.00	37.83 -0.65 0.00	37.91 -0.71 0.00	33.69 -0.65 0.00
BIXINCNT_115KV_LOAD 355685	39.23 -2.57 0.00	35.81 -2.15 0.00	34.67 -1.70 0.00	31.26 -1.42 0.00	31.75 -1.93 0.00	28.69 -1.80 0.00	26.80 -2.35 0.00	18.75 -2.18 0.00	12.15 -2.30 4.28	12.99 -2.66 6.69	20.76 -3.98 8.00	22.71 -4.29 8.38	23.82 -4.76 8.60	26.64 -4.86 6.60	25.30 -4.79 7.53	24.42 -4.73 8.72	32.07 -5.81 10.02	39.92 -6.87 11.02	34.69 -5.60 9.97	31.42 -4.82 9.52	26.04 -3.93 8.80	34.34 -3.74 0.41	33.32 -3.43 1.87	25.06 -3.56 5.73
BLACK RIVER___HYD 24047	41.00 -0.81 0.00	36.86 -1.10 0.00	35.10 -1.27 0.00	31.99 -0.69 0.00	33.38 -0.30 0.00	30.42 -0.08 0.00	29.17 0.02 0.00	21.01 0.08 0.00	18.80 0.08 0.00	22.57 0.23 0.00	33.05 0.32 0.00	35.65 0.26 0.00	37.11 -0.06 0.00	37.86 -0.24 0.00	36.42 -1.20 0.00	36.59 -1.28 0.00	46.41 -1.49 0.00	55.97 -1.84 0.00	48.53 -1.72 0.00	44.07 -1.70 0.00	37.18 -1.58 0.00	36.68 -1.80 0.00	36.69 -1.93 0.00	32.56 -1.78 0.00
BLACKRVR_115KV_TB2 79977	41.00 -0.81 0.00	36.86 -1.10 0.00	35.10 -1.27 0.00	31.99 -0.69 0.00	33.37 -0.30 0.00	30.42 -0.08 0.00	29.17 0.02 0.00	21.01 0.08 0.00	18.80 0.08 0.00	22.56 0.23 0.00	33.05 0.31 0.00	35.64 0.25 0.00	37.10 -0.07 0.00	37.85 -0.25 0.00	36.42 -1.20 0.00	36.59 -1.28 0.00	46.40 -1.50 0.00	55.96 -1.84 0.00	48.53 -1.73 0.00	44.06 -1.70 0.00	37.18 -1.58 0.00	36.68 -1.80 0.00	36.69 -1.94 0.00	32.56 -1.78 0.00
BLISS_WT_PWR 323608	39.19 -2.62 0.00	35.79 -2.17 0.00	34.67 -1.71 0.00	31.23 -1.44 0.00	31.70 -1.99 0.00	28.62 -1.87 0.00	26.67 -2.48 0.00	18.58 -2.35 0.00	12.00 -2.44 4.28	12.80 -2.84 6.69	20.47 -4.27 8.00	22.46 -4.54 8.38	23.53 -5.05 8.60	26.32 -5.19 6.60	24.99 -5.11 7.53	24.20 -4.95 8.72	31.83 -6.05 10.02	39.55 -7.23 11.02	34.51 -5.79 9.97	31.25 -4.99 9.52	25.97 -3.99 8.80	34.18 -3.90 0.41	33.19 -3.57 1.87	24.88 -3.74 5.73
BLUESTONE___WT_PWR 323821	43.03 1.23 0.00	39.37 1.41 0.00	37.75 1.37 0.00	33.80 1.12 0.00	34.85 1.17 0.00	31.59 1.09 0.00	29.92 0.77 0.00	21.30 0.37 0.00	18.91 0.19 0.00	22.46 0.13 0.00	32.60 -0.14 0.00	34.63 -0.75 0.00	35.94 -1.23 0.00	36.96 -1.14 0.00	36.89 -0.74 0.00	37.03 -0.85 0.00	46.80 -1.10 0.00	56.65 -1.15 0.00	49.17 -1.08 0.00	44.75 -1.01 0.00	37.91 -0.85 0.00	37.50 -0.98 0.00	37.41 -1.21 0.00	33.16 -1.18 0.00
BLUE_CIRC_CHEM_DRP 24182	43.05 1.24 0.00	39.16 1.20 0.00	37.48 1.11 0.00	33.61 0.94 0.00	34.64 0.96 0.00	31.36 0.86 0.00	29.99 0.84 0.00	21.58 0.65 0.00	19.38 0.66 0.00	23.08 0.74 0.00	33.89 1.15 0.00	36.62 1.24 0.00	38.52 1.35 0.00	39.48 1.38 0.00	39.07 1.44 0.00	39.25 1.38 0.00	49.71 1.81 0.00	59.97 2.17 0.00	52.12 1.87 0.00	47.42 1.66 0.00	40.23 1.47 0.00	39.90 1.42 0.00	40.06 1.43 0.00	35.75 1.41 0.00
BOC_GAS_DRP 24189	42.65 0.84 0.00	38.75 0.79 0.00	37.09 0.72 0.00	33.25 0.58 0.00	34.28 0.60 0.00	31.03 0.53 0.00	29.68 0.53 0.00	21.36 0.43 0.00	19.18 0.46 0.00	22.84 0.50 0.00	33.55 0.82 0.00	36.27 0.89 0.00	38.14 0.97 0.00	39.11 1.01 0.00	38.73 1.10 0.00	38.96 1.09 0.00	49.33 1.43 0.00	59.52 1.71 0.00	51.76 1.50 0.00	47.09 1.33 0.00	39.95 1.20 0.00	39.64 1.16 0.00	39.81 1.19 0.00	35.47 1.13 0.00
BOONVILLE_115KV_TB1 79983	41.85 0.05 0.00	37.96 0.00 0.00	36.35 -0.02 0.00	32.86 0.19 0.00	34.08 0.39 0.00	30.96 0.46 0.00	29.64 0.49 0.00	21.33 0.39 0.00	19.09 0.37 0.00	22.85 0.51 0.00	33.47 0.74 0.00	36.15 0.76 0.00	37.85 0.68 0.00	38.71 0.61 0.00	37.86 0.24 0.00	38.12 0.25 0.00	48.27 0.37 0.00	58.12 0.31 0.00	50.44 0.18 0.00	45.87 0.10 0.00	38.77 0.01 0.00	38.38 -0.10 0.00	38.44 -0.18 0.00	34.14 -0.20 0.00
BORALEX_4TH_BRANCH 23824	43.72 1.91 0.00	39.68 1.72 0.00	38.01 1.63 0.00	33.98 1.31 0.00	35.05 1.37 0.00	31.69 1.19 0.00	30.34 1.19 0.00	21.87 0.94 0.00	19.77 1.04 0.00	23.57 1.23 0.00	34.60 1.87 0.00	37.43 2.05 0.00	39.38 2.20 0.00	40.32 2.22 0.00	39.92 2.29 0.00	40.33 2.46 0.00	51.07 3.17 0.00	61.60 3.80 0.00	53.61 3.36 0.00	48.71 2.95 0.00	41.39 2.63 0.00	41.06 2.58 0.00	41.21 2.59 0.00	36.64 2.30 0.00
BOWLINE___1 23526	42.88 1.07 0.00	39.00 1.04 0.00	37.26 0.88 0.00	33.37 0.69 0.00	34.36 0.68 0.00	31.15 0.65 0.00	29.81 0.66 0.00	21.50 0.57 0.00	19.28 0.56 0.00	22.90 0.56 0.00	33.75 1.01 0.00	36.48 1.10 0.00	38.39 1.22 0.00	39.52 1.42 0.00	39.34 1.71 0.00	39.80 1.93 0.00	50.47 2.58 0.00	60.91 3.10 0.00	53.03 2.77 0.00	48.25 2.49 0.00	40.99 2.23 0.00	40.67 2.19 0.00	40.81 2.19 0.00	36.13 1.79 0.00
BOWLINE___2 23595	42.88 1.07 0.00	39.00 1.04 0.00	37.26 0.88 0.00	33.37 0.69 0.00	34.36 0.68 0.00	31.15 0.65 0.00	29.81 0.66 0.00	21.50 0.57 0.00	19.28 0.56 0.00	22.90 0.56 0.00	33.75 1.01 0.00	36.48 1.10 0.00	38.39 1.22 0.00	39.52 1.42 0.00	39.34 1.71 0.00	39.80 1.93 0.00	50.48 2.58 0.00	60.91 3.10 0.00	53.03 2.77 0.00	48.25 2.49 0.00	40.99 2.23 0.00	40.67 2.19 0.00	40.81 2.19 0.00	36.13 1.79 0.00
BRADY___115KV_TB2 356060	42.99 1.18 0.00	38.95 0.99 0.00	37.32 0.94 0.00	33.65 0.97 0.00	34.75 1.07 0.00	31.35 0.86 0.00	29.93 0.79 0.00	21.47 0.53 0.00	19.22 0.50 0.00	23.12 0.78 0.00	33.93 1.19 0.00	36.68 1.29 0.00	38.49 1.31 0.00	39.35 1.25 0.00	38.59 0.96 0.00	38.56 0.69 0.00	48.72 0.83 0.00	58.77 0.96 0.00	51.04 0.78 0.00	46.51 0.75 0.00	39.24 0.48 0.00	38.91 0.43 0.00	39.13 0.51 0.00	34.81 0.47 0.00
BRANSCOMB___SOLAR 323811	43.47 1.66 0.00	39.52 1.56 0.00	37.89 1.51 0.00	33.90 1.22 0.00	34.97 1.28 0.00	31.63 1.13 0.00	30.28 1.13 0.00	21.80 0.87 0.00	19.66 0.93 0.00	23.42 1.08 0.00	34.43 1.70 0.00	37.24 1.85 0.00	39.18 2.01 0.00	40.17 2.08 0.00	39.76 2.13 0.00	40.12 2.25 0.00	50.85 2.95 0.00	61.36 3.55 0.00	53.36 3.10 0.00	48.52 2.75 0.00	41.15 2.39 0.00	40.77 2.29 0.00	40.88 2.26 0.00	36.31 1.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.99 2.18 0.00	40.01 2.05 0.00	38.06 1.69 0.00	34.24 1.56 0.00	35.39 1.71 0.00	32.28 1.78 0.00	30.96 1.81 0.00	22.33 1.39 0.00	20.00 1.28 0.00	23.42 1.09 0.00	34.74 2.01 0.00	37.41 2.02 0.00	39.72 2.55 0.00	41.08 2.98 0.00	52.55 3.53 -11.40	54.76 3.66 -13.22	53.08 4.43 -0.74	66.42 5.33 -3.28	54.97 4.72 0.00	51.53 4.25 -1.53	54.53 3.83 -11.95	54.41 3.82 -12.11	42.33 3.71 0.00	37.40 3.05 0.00

BRISTLHL_115KV_TB1 79998	40.45 -1.35 0.00	36.77 -1.19 0.00	35.23 -1.15 0.00	31.67 -1.00 0.00	32.61 -1.07 0.00	29.58 -0.92 0.00	28.24 -0.91 0.00	20.24 -0.69 0.00	18.03 -0.69 0.00	21.53 -0.81 0.00	31.42 -1.31 0.00	33.97 -1.42 0.00	35.68 -1.49 0.00	36.61 -1.49 0.00	36.17 -1.46 0.00	36.45 -1.42 0.00	46.09 -1.81 0.00	55.73 -2.08 0.00	48.43 -1.83 0.00	44.05 -1.71 0.00	37.30 -1.46 0.00	37.05 -1.44 0.00	37.13 -1.49 0.00	33.06 -1.29 0.00
BROOKHAVEN___DRP 24191	43.33 1.52 0.00	39.40 1.44 0.00	37.46 1.08 0.00	33.83 1.15 0.00	35.18 1.50 0.00	32.26 1.76 0.00	30.94 1.80 0.00	22.29 1.36 0.00	19.96 1.23 0.00	23.16 0.82 0.00	34.25 1.51 0.00	36.83 1.45 0.00	39.10 1.93 0.00	40.63 2.54 0.00	52.25 3.42 -11.21	54.45 3.57 -13.00	52.68 4.05 -0.73	65.88 4.85 -3.23	54.43 4.17 0.00	51.00 3.74 -1.50	54.00 3.49 -11.75	53.98 3.58 -11.91	42.05 3.43 0.00	37.15 2.81 0.00
BROOKLYN_NAVY_YARD 23515	43.24 1.43 0.00	39.33 1.37 0.00	37.59 1.21 0.00	33.64 0.96 0.00	34.65 0.97 0.00	31.43 0.94 0.00	30.15 1.00 0.00	21.75 0.82 0.00	19.52 0.80 0.00	23.13 0.79 0.00	34.18 1.45 0.00	36.94 1.55 0.00	38.81 1.63 0.00	39.93 1.83 0.00	39.78 2.15 0.00	40.10 2.23 0.00	50.81 2.91 0.00	61.24 3.44 0.00	53.39 3.14 0.00	48.58 2.82 0.00	41.27 2.51 0.00	40.95 2.47 0.00	41.19 2.57 0.00	36.49 2.15 0.00
BROOKLYN___ARMY_DRP 323595	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
BROOKVLE_69_KV_TB1 55790	43.79 1.98 0.00	39.83 1.87 0.00	37.98 1.61 0.00	34.06 1.38 0.00	35.13 1.45 0.00	31.93 1.43 0.00	30.61 1.46 0.00	22.08 1.14 0.00	19.80 1.08 0.00	23.36 1.02 0.00	34.58 1.84 0.00	37.32 1.94 0.00	39.43 2.26 0.00	40.63 2.53 0.00	58.95 2.93 -18.39	62.19 2.99 -21.33	52.90 3.81 -1.20	67.64 4.55 -5.29	54.33 4.07 0.00	51.88 3.66 -2.46	61.28 3.25 -19.27	61.24 3.22 -19.54	41.81 3.19 0.00	37.02 2.67 0.00
BROOME_2_LFGE 323671	41.08 -0.72 0.00	37.35 -0.61 0.00	35.83 -0.55 0.00	32.11 -0.57 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.42 0.00	18.30 -0.43 0.00	21.84 -0.50 0.00	31.91 -0.83 0.00	34.53 -0.86 0.00	36.24 -0.93 0.00	37.21 -0.89 0.00	36.89 -0.73 0.00	37.19 -0.69 0.00	46.94 -0.95 0.00	56.67 -1.13 0.00	49.38 -0.88 0.00	44.96 -0.80 0.00	38.06 -0.69 0.00	37.83 -0.65 0.00	37.91 -0.72 0.00	33.69 -0.65 0.00
BROOME___LFGE 323600	41.08 -0.72 0.00	37.35 -0.61 0.00	35.83 -0.55 0.00	32.11 -0.57 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.42 0.00	18.30 -0.43 0.00	21.84 -0.50 0.00	31.91 -0.83 0.00	34.53 -0.86 0.00	36.24 -0.93 0.00	37.21 -0.89 0.00	36.89 -0.73 0.00	37.19 -0.69 0.00	46.94 -0.95 0.00	56.67 -1.13 0.00	49.38 -0.88 0.00	44.96 -0.80 0.00	38.06 -0.69 0.00	37.83 -0.65 0.00	37.91 -0.72 0.00	33.69 -0.65 0.00
BROWNFLS_115KV_TB_3_5 80003	41.11 -0.69 0.00	37.15 -0.81 0.00	35.52 -0.86 0.00	32.23 -0.45 0.00	33.49 -0.19 0.00	30.32 -0.18 0.00	28.94 -0.21 0.00	20.79 -0.14 0.00	18.63 -0.09 0.00	22.48 0.14 0.00	32.98 0.24 0.00	35.61 0.22 0.00	37.23 0.05 0.00	37.99 -0.11 0.00	36.87 -0.76 0.00	36.77 -1.10 0.00	46.51 -1.39 0.00	56.01 -1.80 0.00	48.58 -1.68 0.00	44.18 -1.58 0.00	37.26 -1.50 0.00	36.88 -1.60 0.00	37.10 -1.53 0.00	33.04 -1.30 0.00
BROWNSV1_27_KV_LOAD 356125	43.72 1.91 0.00	39.77 1.80 0.00	37.96 1.59 0.00	33.99 1.31 0.00	35.00 1.32 0.00	31.75 1.25 0.00	30.44 1.29 0.00	21.95 1.02 0.00	19.71 0.99 0.00	23.35 1.01 0.00	34.50 1.77 0.00	37.29 1.91 0.00	39.20 2.03 0.00	40.33 2.23 0.00	40.20 2.57 0.00	40.53 2.66 0.00	51.36 3.46 0.00	61.92 4.11 0.00	53.97 3.71 0.00	49.11 3.35 0.00	41.71 2.95 0.00	41.38 2.90 0.00	41.62 3.00 0.00	36.87 2.52 0.00
BURROWS___LYONSDAL 23803	41.52 -0.29 0.00	37.60 -0.36 0.00	36.00 -0.37 0.00	32.63 -0.04 0.00	33.93 0.25 0.00	30.84 0.34 0.00	29.54 0.39 0.00	21.25 0.32 0.00	19.03 0.31 0.00	22.79 0.45 0.00	33.39 0.66 0.00	36.05 0.67 0.00	37.69 0.52 0.00	38.50 0.40 0.00	37.48 -0.15 0.00	37.72 -0.15 0.00	47.77 -0.13 0.00	57.46 -0.34 0.00	49.84 -0.42 0.00	45.31 -0.45 0.00	38.29 -0.47 0.00	37.88 -0.60 0.00	37.94 -0.68 0.00	33.71 -0.64 0.00
CAITHNESS_CC_1 323624	43.37 1.57 0.00	39.46 1.49 0.00	37.52 1.14 0.00	33.85 1.18 0.00	35.14 1.46 0.00	32.18 1.68 0.00	30.87 1.72 0.00	22.24 1.30 0.00	19.90 1.18 0.00	23.17 0.83 0.00	34.30 1.57 0.00	36.88 1.49 0.00	39.13 1.96 0.00	40.63 2.53 0.00	52.14 3.31 -11.21	54.32 3.45 -13.00	52.60 3.97 -0.73	65.80 4.76 -3.22	54.39 4.13 0.00	50.98 3.72 -1.50	53.95 3.45 -11.74	53.91 3.52 -11.91	42.00 3.38 0.00	37.10 2.75 0.00
CALPINE BETH_PAGE_GT4 24209	43.78 1.97 0.00	39.82 1.86 0.00	37.92 1.55 0.00	34.05 1.38 0.00	35.16 1.48 0.00	32.00 1.50 0.00	30.68 1.53 0.00	22.12 1.19 0.00	19.83 1.10 0.00	23.30 0.97 0.00	34.57 1.83 0.00	37.26 1.87 0.00	39.49 2.32 0.00	40.76 2.66 0.00	54.69 3.10 -13.96	57.27 3.19 -16.20	52.79 3.98 -0.91	66.59 4.77 -4.02	54.50 4.24 0.00	51.44 3.81 -1.87	56.79 3.40 -14.63	56.70 3.38 -14.83	41.95 3.33 0.00	37.10 2.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.78 1.97 0.00	39.82 1.86 0.00	37.92 1.55 0.00	34.06 1.38 0.00	35.16 1.48 0.00	32.00 1.50 0.00	30.68 1.53 0.00	22.12 1.19 0.00	19.81 1.09 0.00	23.30 0.96 0.00	34.57 1.83 0.00	37.24 1.85 0.00	39.47 2.30 0.00	40.74 2.64 0.00	54.67 3.08 -13.96	57.24 3.17 -16.20	52.78 3.97 -0.91	66.58 4.76 -4.02	54.48 4.21 0.00	51.43 3.80 -1.87	56.79 3.39 -14.63	56.70 3.38 -14.83	41.95 3.33 0.00	37.09 2.75 0.00
CALPINE_BP_GT1 23823	43.78 1.97 0.00	39.82 1.86 0.00	37.92 1.55 0.00	34.06 1.38 0.00	35.16 1.48 0.00	32.00 1.50 0.00	30.68 1.53 0.00	22.12 1.19 0.00	19.81 1.09 0.00	23.30 0.96 0.00	34.57 1.83 0.00	37.24 1.85 0.00	39.47 2.30 0.00	40.74 2.64 0.00	54.67 3.08 -13.96	57.24 3.17 -16.20	52.78 3.97 -0.91	66.58 4.76 -4.02	54.48 4.21 0.00	51.43 3.80 -1.87	56.79 3.39 -14.63	56.70 3.38 -14.83	41.95 3.33 0.00	37.09 2.75 0.00
CALSPAN___DRP 24200	38.60 -3.20 0.00	35.10 -2.86 0.00	33.89 -2.49 0.00	30.76 -1.91 0.00	31.31 -2.37 0.00	28.36 -2.13 0.00	26.62 -2.53 0.00	18.81 -2.12 0.00	9.47 -2.24 7.00	8.81 -2.58 10.95	15.77 -3.89 13.08	17.55 -4.14 13.70	18.65 -4.46 14.05	22.76 -4.55 10.79	20.85 -4.46 12.31	19.00 -4.62 14.26	25.44 -6.07 16.38	33.08 -6.71 18.02	28.14 -5.82 16.29	25.02 -5.17 15.56	19.95 -4.42 14.39	33.53 -4.28 0.67	31.42 -4.14 3.06	21.03 -3.93 9.38

CALVERTON___SOLAR 323806	43.28 1.47 0.00	39.36 1.39 0.00	37.41 1.03 0.00	33.81 1.13 0.00	35.22 1.54 0.00	32.33 1.84 0.00	31.02 1.88 0.00	22.33 1.39 0.00	19.98 1.26 0.00	23.14 0.80 0.00	34.20 1.47 0.00	36.77 1.38 0.00	39.03 1.85 0.00	40.61 2.51 0.00	52.33 3.49 -11.21	54.51 3.63 -13.01	52.69 4.06 -0.73	65.95 4.91 -3.23	54.43 4.17 0.00	51.00 3.74 -1.50	54.03 3.52 -11.75	54.04 3.64 -11.91	42.09 3.48 0.00	37.17 2.83 0.00
CANDIGU_WT_PWR 323617	39.23 -2.58 0.00	35.91 -2.05 0.00	34.66 -1.72 0.00	31.09 -1.59 0.00	31.80 -1.89 0.00	28.78 -1.71 0.00	27.08 -2.07 0.00	19.20 -1.72 0.01	-22.38 -1.83 39.27	-40.98 -2.18 61.14	-43.56 -3.43 72.86	-44.49 -3.54 76.33	-44.88 -3.74 78.31	-25.80 -3.78 60.12	-34.40 -3.43 68.60	-45.00 -3.43 79.45	-47.89 -4.48 91.31	-47.94 -5.35 100.40	-45.00 -4.46 90.80	-45.00 -4.02 86.73	-44.91 -3.47 80.20	31.50 -3.25 3.73	17.99 -3.46 17.17	-21.33 -3.11 52.56
CARR STREET_E_SYR 24060	40.82 -0.98 0.00	37.10 -0.87 0.00	35.56 -0.82 0.00	31.96 -0.72 0.00	32.90 -0.79 0.00	29.83 -0.67 0.00	28.47 -0.67 0.00	20.42 -0.51 0.00	18.19 -0.53 0.00	21.71 -0.63 0.00	31.69 -1.05 0.00	34.28 -1.10 0.00	36.01 -1.16 0.00	36.95 -1.15 0.00	36.52 -1.11 0.00	36.83 -1.05 0.00	46.54 -1.36 0.00	56.26 -1.55 0.00	48.91 -1.35 0.00	44.51 -1.26 0.00	37.69 -1.07 0.00	37.41 -1.08 0.00	37.51 -1.11 0.00	33.36 -0.98 0.00
CARTHAGE___PAPER 23857	41.25 -0.56 0.00	37.15 -0.81 0.00	35.45 -0.93 0.00	32.30 -0.37 0.00	33.71 0.03 0.00	30.69 0.19 0.00	29.40 0.26 0.00	21.17 0.24 0.00	18.96 0.23 0.00	22.77 0.43 0.00	33.37 0.63 0.00	35.98 0.60 0.00	37.51 0.34 0.00	38.25 0.15 0.00	36.84 -0.78 0.00	36.99 -0.88 0.00	46.89 -1.01 0.00	56.47 -1.34 0.00	48.96 -1.30 0.00	44.47 -1.30 0.00	37.49 -1.27 0.00	37.01 -1.47 0.00	37.04 -1.58 0.00	32.91 -1.43 0.00
CASSADAGA_WT_PWR 323784	39.13 -2.67 0.00	35.82 -2.13 0.00	34.70 -1.68 0.00	31.44 -1.23 0.00	31.54 -2.15 0.00	28.46 -2.03 0.00	26.54 -2.61 0.00	18.52 -2.41 0.00	11.09 -2.42 5.22	11.38 -2.81 8.15	18.79 -4.21 9.73	20.75 -4.44 10.20	21.95 -4.77 10.46	25.17 -4.91 8.03	23.77 -4.70 9.16	22.80 -4.46 10.61	30.03 -5.68 12.20	38.39 -6.00 13.41	33.26 -4.87 12.13	29.86 -4.32 11.58	24.30 -3.76 10.71	33.43 -4.56 0.50	31.98 -4.36 2.28	23.40 -3.96 6.98
CE_DUNWOOD___DRP 24194	43.34 1.53 0.00	39.42 1.46 0.00	37.64 1.26 0.00	33.70 1.02 0.00	34.72 1.04 0.00	31.48 0.99 0.00	30.17 1.02 0.00	21.75 0.82 0.00	19.54 0.81 0.00	23.16 0.82 0.00	34.18 1.45 0.00	36.95 1.57 0.00	38.86 1.69 0.00	39.99 1.89 0.00	39.81 2.18 0.00	40.11 2.24 0.00	50.83 2.93 0.00	61.31 3.50 0.00	53.40 3.14 0.00	48.59 2.82 0.00	41.27 2.51 0.00	40.94 2.46 0.00	41.12 2.50 0.00	36.44 2.10 0.00
CE_MILLWOOD___DRP 24193	43.26 1.45 0.00	39.33 1.37 0.00	37.57 1.19 0.00	33.64 0.97 0.00	34.66 0.98 0.00	31.42 0.93 0.00	30.10 0.95 0.00	21.71 0.78 0.00	19.50 0.77 0.00	23.11 0.78 0.00	34.11 1.38 0.00	36.90 1.51 0.00	38.80 1.63 0.00	39.91 1.81 0.00	39.71 2.09 0.00	40.03 2.15 0.00	50.73 2.83 0.00	61.20 3.39 0.00	53.30 3.05 0.00	48.49 2.73 0.00	41.20 2.43 0.00	40.87 2.39 0.00	41.04 2.42 0.00	36.36 2.02 0.00
CE_NYC2_DRP 24202	43.49 1.69 0.00	39.57 1.61 0.00	37.78 1.40 0.00	33.83 1.15 0.00	34.83 1.15 0.00	31.61 1.11 0.00	30.31 1.16 0.00	21.86 0.92 0.00	19.62 0.90 0.00	23.24 0.91 0.00	34.37 1.63 0.00	37.13 1.74 0.00	38.97 1.80 0.00	40.12 2.01 0.00	39.95 2.33 0.00	40.28 2.41 0.00	51.01 3.11 0.00	61.50 3.69 0.00	53.60 3.35 0.00	48.78 3.02 0.00	41.46 2.70 0.00	41.15 2.67 0.00	41.43 2.80 0.00	36.70 2.35 -0.01
CE_NYC_DRP 24195	43.37 1.57 0.00	39.45 1.49 0.00	37.67 1.29 0.00	33.72 1.05 0.00	34.73 1.05 0.00	31.51 1.01 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.18 0.84 0.00	34.26 1.52 0.00	37.01 1.63 0.00	38.89 1.72 0.00	40.02 1.91 0.00	39.86 2.24 0.00	40.18 2.31 0.00	50.92 3.02 0.00	61.38 3.57 0.00	53.49 3.24 0.00	48.66 2.90 0.00	41.34 2.59 0.00	41.02 2.54 0.00	41.26 2.64 0.00	36.56 2.21 0.00
CHAFFEE___LFGE 323603	38.88 -2.92 0.00	35.33 -2.63 0.00	34.10 -2.27 0.00	30.92 -1.75 0.00	31.50 -2.18 0.00	28.54 -1.96 0.00	26.82 -2.33 0.00	18.98 -1.96 0.00	11.07 -2.02 5.63	11.24 -2.29 8.80	18.73 -3.49 10.52	20.73 -3.64 11.02	21.94 -3.93 11.30	25.38 -4.05 8.67	23.82 -3.91 9.90	22.40 -4.01 11.46	29.39 -5.33 13.17	37.47 -5.85 14.49	32.11 -5.04 13.10	28.73 -4.52 12.51	23.34 -3.85 11.57	34.08 -3.87 0.54	32.45 -3.71 2.46	23.28 -3.53 7.54
CHATEAUG_35_KV_LOAD 355732	42.55 0.75 0.00	38.37 0.41 0.00	36.63 0.25 0.00	33.04 0.36 0.00	34.25 0.56 0.00	30.70 0.20 0.00	29.55 0.41 0.00	21.21 0.28 0.00	19.08 0.35 0.00	22.85 0.52 0.00	33.59 0.86 0.00	36.35 0.97 0.00	38.19 1.02 0.00	39.11 1.01 0.00	38.24 0.62 0.00	38.08 0.20 0.00	47.87 -0.02 0.00	57.66 -0.15 0.00	50.01 -0.25 0.00	45.46 -0.30 0.00	38.15 -0.61 0.00	39.29 -0.76 -1.58	39.34 -0.77 -1.49	35.57 -0.69 -1.92
CHATEAUG_WT_PWR 323614	42.50 0.70 0.00	38.28 0.32 0.00	36.49 0.12 0.00	32.89 0.21 0.00	34.15 0.47 0.00	30.59 0.09 0.00	29.47 0.32 0.00	21.17 0.23 0.00	19.04 0.32 0.00	22.81 0.47 0.00	33.53 0.80 0.00	36.28 0.89 0.00	38.13 0.96 0.00	39.07 0.97 0.00	38.21 0.59 0.00	37.99 0.11 0.00	47.70 -0.19 0.00	57.41 -0.40 0.00	49.77 -0.49 0.00	45.22 -0.54 0.00	37.91 -0.84 0.00	22.21 -1.05 15.23	23.18 -1.07 14.37	14.91 -0.94 18.50
CHAT_HIGH_FALL_HYD 323578	42.55 0.75 0.00	38.37 0.41 0.00	36.63 0.25 0.00	33.04 0.36 0.00	34.25 0.56 0.00	30.70 0.20 0.00	29.55 0.41 0.00	21.21 0.28 0.00	19.08 0.35 0.00	22.85 0.52 0.00	33.59 0.86 0.00	36.35 0.97 0.00	38.19 1.02 0.00	39.11 1.01 0.00	38.24 0.62 0.00	38.08 0.20 0.00	47.87 -0.02 0.00	57.66 -0.15 0.00	50.01 -0.25 0.00	45.46 -0.30 0.00	38.15 -0.61 0.00	39.29 -0.76 -1.58	39.34 -0.77 -1.49	35.57 -0.69 -1.92
CHAUTAUQUA___LFGE 323629	38.82 -2.98 0.00	35.47 -2.50 0.00	34.30 -2.08 0.00	31.10 -1.57 0.00	31.42 -2.27 0.00	28.40 -2.09 0.00	26.50 -2.65 0.00	18.62 -2.31 0.00	9.81 -2.37 6.54	9.38 -2.74 10.21	16.39 -4.15 12.19	18.28 -4.33 12.77	19.42 -4.64 13.10	23.26 -4.78 10.06	21.54 -4.61 11.48	19.97 -4.61 13.29	26.69 -5.93 15.28	34.59 -6.41 16.80	29.69 -5.37 15.19	26.49 -4.76 14.51	21.20 -4.14 13.42	33.39 -4.47 0.62	31.41 -4.35 2.86	21.50 -4.09 8.76
CHERRYST_13_KV_LD 356241	43.46 1.66 0.00	39.55 1.59 0.00	37.75 1.38 0.00	33.81 1.13 0.00	34.82 1.13 0.00	31.59 1.09 0.00	30.29 1.14 0.00	21.85 0.91 0.00	19.62 0.89 0.00	23.24 0.90 0.00	34.34 1.60 0.00	37.10 1.72 0.00	38.99 1.82 0.00	40.12 2.02 0.00	39.97 2.34 0.00	40.30 2.43 0.00	51.05 3.15 0.00	61.52 3.72 0.00	53.63 3.37 0.00	48.79 3.03 0.00	41.44 2.68 0.00	41.12 2.64 0.00	41.35 2.73 0.00	36.64 2.30 0.00

CHESTROR_138KV_BK263 355645	42.68 0.87 0.00	38.81 0.85 0.00	37.09 0.72 0.00	33.23 0.56 0.00	34.22 0.54 0.00	31.02 0.52 0.00	29.68 0.53 0.00	21.39 0.46 0.00	19.19 0.46 0.00	22.80 0.47 0.00	33.54 0.81 0.00	36.29 0.91 0.00	38.19 1.02 0.00	39.30 1.20 0.00	39.09 1.47 0.00	39.57 1.70 0.00	50.13 2.24 0.00	60.52 2.71 0.00	52.69 2.43 0.00	47.93 2.17 0.00	40.70 1.94 0.00	40.38 1.90 0.00	40.50 1.88 0.00	35.87 1.52 0.00
CH_MIDHUDSON___DRP 24192	43.55 1.74 0.00	39.57 1.61 0.00	37.81 1.43 0.00	33.85 1.18 0.00	34.89 1.21 0.00	31.62 1.12 0.00	30.28 1.13 0.00	21.83 0.90 0.00	19.63 0.91 0.00	23.30 0.96 0.00	34.35 1.62 0.00	37.16 1.77 0.00	39.09 1.92 0.00	40.16 2.06 0.00	39.96 2.33 0.00	40.30 2.43 0.00	51.12 3.22 0.00	61.71 3.91 0.00	53.73 3.47 0.00	48.86 3.11 0.00	41.47 2.71 0.00	41.14 2.65 0.00	41.28 2.66 0.00	36.59 2.25 0.00
CH_MISC_IPPS 23765	43.62 1.81 0.00	39.64 1.68 0.00	37.86 1.49 0.00	33.91 1.23 0.00	34.93 1.25 0.00	31.66 1.17 0.00	30.32 1.17 0.00	21.86 0.93 0.00	19.64 0.91 0.00	23.32 0.98 0.00	34.37 1.63 0.00	37.18 1.79 0.00	39.13 1.96 0.00	40.24 2.14 0.00	40.05 2.42 0.00	40.42 2.55 0.00	51.30 3.40 0.00	61.95 4.14 0.00	53.91 3.66 0.00	49.06 3.29 0.00	41.63 2.87 0.00	41.28 2.80 0.00	41.41 2.78 0.00	36.67 2.32 0.00
CH_RES_BVR_FALLS 23983	41.71 -0.10 0.00	37.77 -0.19 0.00	36.33 -0.05 0.00	32.71 0.04 0.00	33.81 0.13 0.00	30.60 0.10 0.00	29.26 0.12 0.00	21.01 0.08 0.00	18.80 0.08 0.00	22.46 0.13 0.00	32.93 0.20 0.00	35.59 0.20 0.00	37.30 0.13 0.00	38.11 0.01 0.00	37.43 -0.20 0.00	37.61 -0.26 0.00	47.56 -0.34 0.00	57.22 -0.59 0.00	49.67 -0.58 0.00	45.21 -0.54 0.00	38.23 -0.53 0.00	37.98 -0.50 0.00	38.12 -0.50 0.00	33.91 -0.44 0.00
CH_RES_NIAGARA 23895	37.22 -4.59 0.00	33.81 -4.15 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.47 -3.03 0.00	25.75 -3.39 0.00	18.18 -2.75 0.00	10.53 -2.79 5.41	10.69 -3.23 8.42	17.67 -5.03 10.03	19.51 -5.37 10.51	20.64 -5.75 10.78	23.96 -5.87 8.28	22.38 -5.80 9.44	20.95 -5.99 10.94	27.46 -7.87 12.57	35.08 -8.90 13.82	29.94 -7.81 12.50	26.85 -6.97 11.94	21.84 -5.88 11.04	32.31 -5.66 0.51	30.84 -5.42 2.37	22.05 -5.05 7.24
CH_RES_SYRACUSE 23985	41.07 -0.74 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.12 -0.55 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.64 -0.51 0.00	20.54 -0.39 0.00	18.30 -0.42 0.00	21.85 -0.49 0.00	31.91 -0.83 0.00	34.51 -0.88 0.00	36.25 -0.92 0.00	37.20 -0.90 0.00	36.77 -0.86 0.00	37.07 -0.81 0.00	46.85 -1.05 0.00	56.64 -1.17 0.00	49.25 -1.01 0.00	44.81 -0.96 0.00	37.93 -0.83 0.00	37.66 -0.82 0.00	37.74 -0.88 0.00	33.57 -0.78 0.00
CLINTON_WT_PWR 323605	42.50 0.70 0.00	38.28 0.32 0.00	36.49 0.12 0.00	32.89 0.21 0.00	34.15 0.47 0.00	30.59 0.09 0.00	29.47 0.32 0.00	21.17 0.23 0.00	19.04 0.32 0.00	22.81 0.47 0.00	33.53 0.80 0.00	36.28 0.89 0.00	38.13 0.96 0.00	39.07 0.97 0.00	38.21 0.59 0.00	37.99 0.11 0.00	47.70 -0.19 0.00	57.41 -0.40 0.00	49.77 -0.49 0.00	45.22 -0.54 0.00	37.91 -0.84 0.00	22.21 -1.05 15.23	23.18 -1.07 14.37	14.91 -0.94 18.50
CLINTON___LFGE 323618	43.04 1.23 0.00	38.78 0.82 0.00	36.98 0.60 0.00	33.32 0.64 0.00	34.53 0.85 0.00	30.90 0.40 0.00	29.76 0.62 0.00	21.39 0.46 0.00	19.27 0.54 0.00	23.09 0.75 0.00	33.97 1.23 0.00	36.74 1.35 0.00	38.63 1.46 0.00	39.60 1.50 0.00	38.74 1.11 0.00	38.54 0.67 0.00	48.33 0.43 0.00	58.26 0.46 0.00	50.51 0.25 0.00	45.91 0.15 0.00	38.50 -0.26 0.00	49.25 -0.50 -11.27	48.74 -0.51 -10.64	47.61 -0.42 -13.69
COBBLENY_34_KV_TB1 80064	38.87 -2.94 0.00	35.33 -2.63 0.00	34.10 -2.27 0.00	30.92 -1.75 0.00	31.50 -2.18 0.00	28.54 -1.96 0.00	26.81 -2.34 0.00	18.97 -1.96 0.00	11.03 -2.06 5.63	11.20 -2.34 8.80	18.69 -3.53 10.52	20.61 -3.76 11.02	21.81 -4.06 11.30	25.29 -4.14 8.67	23.69 -4.04 9.90	22.21 -4.20 11.46	29.20 -5.52 13.17	37.29 -6.03 14.49	31.89 -5.26 13.10	28.58 -4.66 12.51	23.20 -3.99 11.57	34.08 -3.87 0.54	32.42 -3.74 2.46	23.25 -3.56 7.54
COFFEEN___115KV_TB3 355620	41.19 -0.62 0.00	37.03 -0.93 0.00	35.27 -1.10 0.00	32.13 -0.55 0.00	33.50 -0.18 0.00	30.53 0.03 0.00	29.28 0.13 0.00	21.10 0.16 0.00	18.88 0.16 0.00	22.65 0.32 0.00	33.18 0.45 0.00	35.80 0.41 0.00	37.31 0.13 0.00	38.08 -0.02 0.00	36.68 -0.95 0.00	36.88 -0.99 0.00	46.79 -1.11 0.00	56.48 -1.33 0.00	48.99 -1.27 0.00	44.46 -1.30 0.00	37.51 -1.25 0.00	36.99 -1.49 0.00	36.97 -1.65 0.00	32.80 -1.54 0.00
COLDSPRG_115KV_BK1 355956	40.04 -1.76 0.00	36.52 -1.44 0.00	35.27 -1.11 0.00	31.84 -0.83 0.00	32.29 -1.39 0.00	29.19 -1.30 0.00	27.45 -1.70 0.00	19.40 -1.53 0.00	14.02 -1.58 3.12	15.68 -1.77 4.89	24.23 -2.66 5.84	26.37 -2.90 6.12	27.73 -3.16 6.28	30.00 -3.28 4.82	29.06 -3.06 5.50	28.49 -3.01 6.37	36.72 -3.86 7.32	45.62 -4.13 8.06	39.50 -3.48 7.28	35.78 -3.02 6.96	29.67 -2.66 6.43	35.24 -2.95 0.30	34.56 -2.69 1.37	27.58 -2.59 4.18
COLONIE_LFGE___ 323577	43.14 1.33 0.00	39.18 1.21 0.00	37.52 1.15 0.00	33.59 0.92 0.00	34.64 0.96 0.00	31.34 0.84 0.00	30.00 0.85 0.00	21.61 0.67 0.00	19.46 0.73 0.00	23.18 0.84 0.00	34.06 1.33 0.00	36.83 1.44 0.00	38.74 1.57 0.00	39.70 1.60 0.00	39.29 1.67 0.00	39.62 1.75 0.00	50.20 2.30 0.00	60.57 2.76 0.00	52.67 2.41 0.00	47.89 2.13 0.00	40.64 1.88 0.00	40.30 1.82 0.00	40.44 1.82 0.00	35.98 1.64 0.00
COOPERNY_115KV_TB1 80082	42.34 0.54 0.00	38.49 0.53 0.00	36.82 0.45 0.00	33.00 0.32 0.00	33.99 0.31 0.00	30.80 0.30 0.00	29.46 0.31 0.00	21.22 0.28 0.00	19.01 0.29 0.00	22.63 0.29 0.00	33.23 0.50 0.00	35.94 0.56 0.00	37.79 0.62 0.00	38.87 0.77 0.00	38.60 0.97 0.00	39.03 1.16 0.00	49.42 1.52 0.00	59.64 1.83 0.00	51.91 1.65 0.00	47.25 1.49 0.00	40.10 1.34 0.00	39.77 1.29 0.00	39.90 1.28 0.00	35.37 1.03 0.00
COPENHAGEN_WT_PWR 323753	40.82 -0.99 0.00	36.63 -1.33 0.00	34.84 -1.54 0.00	31.78 -0.89 0.00	33.20 -0.48 0.00	30.28 -0.21 0.00	29.05 -0.10 0.00	20.92 -0.01 0.00	18.72 0.00 0.00	22.46 0.12 0.00	32.90 0.16 0.00	35.46 0.07 0.00	36.83 -0.34 0.00	37.52 -0.58 0.00	35.99 -1.64 0.00	36.12 -1.75 0.00	45.77 -2.12 0.00	55.19 -2.62 0.00	47.87 -2.39 0.00	43.47 -2.29 0.00	36.69 -2.07 0.00	36.22 -2.26 0.00	36.22 -2.39 0.00	32.18 -2.17 0.00
CORNELL_____ 23752	41.73 -0.07 0.00	37.93 -0.03 0.00	36.36 -0.02 0.00	32.61 -0.06 0.00	33.57 -0.11 0.00	30.46 -0.04 0.00	29.06 -0.09 0.00	20.86 -0.08 0.00	18.60 -0.12 0.00	22.21 -0.13 0.00	32.44 -0.29 0.00	35.07 -0.32 0.00	36.83 -0.35 0.00	37.80 -0.30 0.00	37.43 -0.20 0.00	37.75 -0.12 0.00	47.73 -0.18 0.00	57.71 -0.09 0.00	50.21 -0.04 0.00	45.68 -0.08 0.00	38.66 -0.10 0.00	38.36 -0.12 0.00	38.38 -0.24 0.00	34.09 -0.26 0.00

CORONA__69_KV_TB1 355595	43.76 1.96 0.00	39.81 1.85 0.00	37.95 1.57 0.00	34.06 1.38 0.00	35.13 1.44 0.00	31.95 1.45 0.00	30.61 1.46 0.00	22.06 1.13 0.00	19.78 1.06 0.00	23.30 0.97 0.00	34.57 1.83 0.00	37.29 1.91 0.00	39.45 2.28 0.00	40.67 2.57 0.00	60.67 2.94 -20.10	64.23 3.04 -23.32	53.02 3.81 -1.31	68.07 4.48 -5.78	54.30 4.04 -0.01	52.08 3.63 -2.69	63.05 3.22 -21.06	63.07 3.23 -21.36	41.84 3.22 0.00	37.04 2.70 0.00
CORTLAND__115KV_TB3 80093	41.47 -0.34 0.00	37.70 -0.26 0.00	36.14 -0.24 0.00	32.41 -0.26 0.00	33.39 -0.29 0.00	30.29 -0.21 0.00	28.91 -0.24 0.00	20.75 -0.18 0.00	18.52 -0.20 0.00	22.12 -0.22 0.00	32.31 -0.42 0.00	34.95 -0.43 0.00	36.71 -0.46 0.00	37.68 -0.42 0.00	37.29 -0.33 0.00	37.60 -0.28 0.00	47.51 -0.39 0.00	57.40 -0.41 0.00	49.92 -0.33 0.00	45.42 -0.34 0.00	38.44 -0.31 0.00	38.16 -0.32 0.00	38.21 -0.41 0.00	33.96 -0.38 0.00
COXSACKIE__GT 23611	44.88 3.07 0.00	40.72 2.76 0.00	38.95 2.57 0.00	34.90 2.22 0.00	35.95 2.27 0.00	32.56 2.06 0.00	31.18 2.04 0.00	22.49 1.56 0.00	20.26 1.53 0.00	24.16 1.83 0.00	35.51 2.77 0.00	38.41 3.03 0.00	40.50 3.33 0.00	41.47 3.37 0.00	41.06 3.44 0.00	41.25 3.37 0.00	52.39 4.49 0.00	63.34 5.53 0.00	55.03 4.78 0.00	49.91 4.15 0.00	42.24 3.48 0.00	41.77 3.28 0.00	41.81 3.19 0.00	37.24 2.90 0.00
CPV_VALLEY__CC1 323721	42.38 0.58 0.00	38.54 0.58 0.00	36.86 0.48 0.00	33.02 0.35 0.00	34.01 0.33 0.00	30.82 0.33 0.00	29.48 0.34 0.00	21.25 0.32 0.00	19.06 0.34 0.00	22.66 0.33 0.00	33.32 0.59 0.00	36.03 0.64 0.00	37.90 0.73 0.00	38.99 0.89 0.00	38.76 1.13 0.00	39.21 1.34 0.00	49.67 1.77 0.00	59.95 2.14 0.00	52.17 1.92 0.00	47.49 1.73 0.00	40.33 1.57 0.00	40.01 1.53 0.00	40.14 1.52 0.00	35.57 1.22 0.00
CPV_VALLEY__CC2 323722	42.38 0.58 0.00	38.54 0.58 0.00	36.86 0.48 0.00	33.02 0.35 0.00	34.01 0.33 0.00	30.82 0.33 0.00	29.48 0.34 0.00	21.25 0.32 0.00	19.06 0.34 0.00	22.66 0.33 0.00	33.32 0.59 0.00	36.03 0.64 0.00	37.90 0.73 0.00	38.99 0.89 0.00	38.76 1.13 0.00	39.21 1.34 0.00	49.67 1.77 0.00	59.95 2.14 0.00	52.17 1.92 0.00	47.49 1.73 0.00	40.33 1.57 0.00	40.01 1.53 0.00	40.14 1.52 0.00	35.57 1.22 0.00
CRESCENT__HYD 24018	43.14 1.33 0.00	39.18 1.21 0.00	37.52 1.15 0.00	33.59 0.92 0.00	34.64 0.96 0.00	31.34 0.84 0.00	30.00 0.85 0.00	21.61 0.67 0.00	19.46 0.73 0.00	23.18 0.84 0.00	34.06 1.33 0.00	36.83 1.44 0.00	38.74 1.57 0.00	39.70 1.60 0.00	39.29 1.67 0.00	39.62 1.75 0.00	50.20 2.30 0.00	60.57 2.76 0.00	52.67 2.41 0.00	47.89 2.13 0.00	40.64 1.88 0.00	40.30 1.82 0.00	40.44 1.82 0.00	35.98 1.64 0.00
CRICKET__VALLEY_CC1 323756	43.15 1.35 0.00	39.22 1.25 0.00	37.50 1.12 0.00	33.57 0.90 0.00	34.63 0.95 0.00	31.35 0.85 0.00	30.02 0.87 0.00	21.64 0.71 0.00	19.51 0.78 0.00	23.16 0.82 0.00	34.13 1.39 0.00	36.87 1.48 0.00	38.76 1.59 0.00	39.78 1.68 0.00	39.52 1.89 0.00	39.86 1.98 0.00	50.53 2.63 0.00	60.96 3.15 0.00	53.11 2.86 0.00	48.30 2.54 0.00	41.03 2.27 0.00	40.71 2.23 0.00	40.89 2.27 0.00	36.32 1.97 0.00
CRICKET__VALLEY_CC2 323757	43.15 1.35 0.00	39.22 1.25 0.00	37.50 1.12 0.00	33.57 0.90 0.00	34.63 0.95 0.00	31.35 0.85 0.00	30.02 0.87 0.00	21.64 0.71 0.00	19.51 0.78 0.00	23.16 0.82 0.00	34.13 1.39 0.00	36.87 1.48 0.00	38.76 1.59 0.00	39.78 1.68 0.00	39.52 1.89 0.00	39.86 1.98 0.00	50.53 2.63 0.00	60.96 3.15 0.00	53.11 2.86 0.00	48.30 2.54 0.00	41.03 2.27 0.00	40.71 2.23 0.00	40.89 2.27 0.00	36.32 1.97 0.00
CRICKET__VALLEY_CC3 323758	43.15 1.35 0.00	39.22 1.25 0.00	37.50 1.12 0.00	33.57 0.90 0.00	34.63 0.95 0.00	31.35 0.85 0.00	30.02 0.87 0.00	21.64 0.71 0.00	19.51 0.78 0.00	23.16 0.82 0.00	34.13 1.39 0.00	36.87 1.48 0.00	38.76 1.59 0.00	39.78 1.68 0.00	39.52 1.89 0.00	39.86 1.98 0.00	50.53 2.63 0.00	60.96 3.15 0.00	53.11 2.86 0.00	48.30 2.54 0.00	41.03 2.27 0.00	40.71 2.23 0.00	40.89 2.27 0.00	36.32 1.97 0.00
CRUCIBLE__METL_DRP 24180	41.07 -0.74 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.12 -0.55 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.64 -0.51 0.00	20.54 -0.39 0.00	18.30 -0.43 0.00	21.85 -0.49 0.00	31.91 -0.83 0.00	34.50 -0.88 0.00	36.25 -0.92 0.00	37.19 -0.90 0.00	36.76 -0.87 0.00	37.06 -0.81 0.00	46.85 -1.05 0.00	56.64 -1.17 0.00	49.24 -1.01 0.00	44.80 -0.96 0.00	37.93 -0.83 0.00	37.66 -0.82 0.00	37.74 -0.88 0.00	33.57 -0.78 0.00
DAHOWA__HYDRO 323763	43.50 1.69 0.00	39.58 1.62 0.00	37.96 1.58 0.00	33.95 1.27 0.00	35.01 1.33 0.00	31.66 1.16 0.00	30.32 1.17 0.00	21.84 0.91 0.00	19.70 0.98 0.00	23.49 1.16 0.00	34.53 1.80 0.00	37.35 1.97 0.00	39.30 2.13 0.00	40.30 2.20 0.00	39.88 2.25 0.00	40.26 2.38 0.00	51.02 3.12 0.00	61.56 3.75 0.00	53.54 3.29 0.00	48.67 2.91 0.00	41.28 2.53 0.00	40.91 2.43 0.00	40.99 2.37 0.00	36.40 2.05 0.00
DANC__LFGE 323619	40.68 -1.13 0.00	36.68 -1.28 0.00	35.00 -1.38 0.00	31.74 -0.93 0.00	32.97 -0.71 0.00	29.99 -0.51 0.00	28.70 -0.45 0.00	20.65 -0.29 0.00	18.44 -0.28 0.00	22.10 -0.24 0.00	32.34 -0.40 0.00	34.91 -0.48 0.00	36.42 -0.76 0.00	37.20 -0.90 0.00	36.07 -1.56 0.00	36.24 -1.63 0.00	45.89 -2.01 0.00	55.40 -2.41 0.00	48.09 -2.16 0.00	43.70 -2.07 0.00	36.93 -1.83 0.00	36.55 -1.93 0.00	36.62 -2.00 0.00	32.54 -1.80 0.00
DANSKAMMER__1 23586	43.62 1.81 0.00	39.64 1.68 0.00	37.86 1.49 0.00	33.91 1.23 0.00	34.93 1.25 0.00	31.66 1.17 0.00	30.32 1.17 0.00	21.86 0.93 0.00	19.64 0.91 0.00	23.32 0.98 0.00	34.37 1.63 0.00	37.18 1.79 0.00	39.13 1.96 0.00	40.24 2.14 0.00	40.05 2.42 0.00	40.42 2.55 0.00	51.30 3.40 0.00	61.95 4.14 0.00	53.91 3.66 0.00	49.06 3.29 0.00	41.63 2.87 0.00	41.28 2.80 0.00	41.41 2.78 0.00	36.67 2.32 0.00
DANSKAMMER__2 23589	43.62 1.81 0.00	39.64 1.68 0.00	37.86 1.49 0.00	33.91 1.23 0.00	34.93 1.25 0.00	31.66 1.17 0.00	30.32 1.17 0.00	21.86 0.93 0.00	19.64 0.91 0.00	23.32 0.98 0.00	34.37 1.63 0.00	37.18 1.79 0.00	39.13 1.96 0.00	40.24 2.14 0.00	40.05 2.42 0.00	40.42 2.55 0.00	51.30 3.40 0.00	61.95 4.14 0.00	53.91 3.66 0.00	49.06 3.29 0.00	41.63 2.87 0.00	41.28 2.80 0.00	41.41 2.78 0.00	36.67 2.32 0.00
DANSKAMMER__3 23590	43.62 1.81 0.00	39.64 1.68 0.00	37.86 1.49 0.00	33.91 1.23 0.00	34.93 1.25 0.00	31.66 1.17 0.00	30.32 1.17 0.00	21.86 0.93 0.00	19.64 0.91 0.00	23.32 0.98 0.00	34.37 1.63 0.00	37.18 1.79 0.00	39.13 1.96 0.00	40.24 2.14 0.00	40.05 2.42 0.00	40.42 2.55 0.00	51.30 3.40 0.00	61.95 4.14 0.00	53.91 3.66 0.00	49.06 3.29 0.00	41.63 2.87 0.00	41.28 2.80 0.00	41.41 2.78 0.00	36.67 2.32 0.00

DANSKAMMER___4 23591	43.62 1.81 0.00	39.64 1.68 0.00	37.86 1.49 0.00	33.91 1.23 0.00	34.93 1.25 0.00	31.66 1.17 0.00	30.32 1.17 0.00	21.86 0.93 0.00	19.64 0.91 0.00	23.32 0.98 0.00	34.37 1.63 0.00	37.18 1.79 0.00	39.13 1.96 0.00	40.24 2.14 0.00	40.05 2.42 0.00	40.42 2.55 0.00	51.30 3.40 0.00	61.95 4.14 0.00	53.91 3.66 0.00	49.06 3.29 0.00	41.63 2.87 0.00	41.28 2.80 0.00	41.41 2.78 0.00	36.67 2.32 0.00
DANSKAMMER___DIESEL 23592	43.62 1.81 0.00	39.64 1.68 0.00	37.86 1.49 0.00	33.91 1.23 0.00	34.93 1.25 0.00	31.66 1.17 0.00	30.32 1.17 0.00	21.86 0.93 0.00	19.64 0.92 0.00	23.32 0.98 0.00	34.37 1.63 0.00	37.20 1.81 0.00	39.15 1.98 0.00	40.25 2.15 0.00	40.05 2.43 0.00	40.44 2.57 0.00	51.32 3.42 0.00	61.97 4.16 0.00	53.93 3.68 0.00	49.06 3.30 0.00	41.64 2.88 0.00	41.29 2.81 0.00	41.41 2.79 0.00	36.67 2.33 0.00
DARBY___SOLAR 323810	43.50 1.69 0.00	39.57 1.61 0.00	37.94 1.56 0.00	33.94 1.26 0.00	35.00 1.32 0.00	31.66 1.16 0.00	30.31 1.16 0.00	21.83 0.90 0.00	19.68 0.96 0.00	23.46 1.12 0.00	34.49 1.75 0.00	37.29 1.90 0.00	39.25 2.08 0.00	40.23 2.13 0.00	39.82 2.19 0.00	40.18 2.31 0.00	50.94 3.04 0.00	61.46 3.65 0.00	53.45 3.20 0.00	48.59 2.83 0.00	41.21 2.45 0.00	40.84 2.36 0.00	40.92 2.31 0.00	36.35 2.01 0.00
DASHVILLE___HYD 23610	43.99 2.19 0.00	39.94 1.98 0.00	38.14 1.76 0.00	34.14 1.46 0.00	35.16 1.48 0.00	31.88 1.38 0.00	30.54 1.39 0.00	22.03 1.10 0.00	19.80 1.07 0.00	23.50 1.17 0.00	34.67 1.93 0.00	37.54 2.15 0.00	39.52 2.35 0.00	40.66 2.56 0.00	40.49 2.86 0.00	40.93 3.06 0.00	51.98 4.08 0.00	62.82 5.01 0.00	54.66 4.40 0.00	49.71 3.94 0.00	42.17 3.41 0.00	41.77 3.29 0.00	41.87 3.25 0.00	37.01 2.66 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.97 1.16 0.00	39.04 1.08 0.00	37.12 0.75 0.00	33.60 0.92 0.00	35.35 1.67 0.00	32.48 1.98 0.00	31.18 2.03 0.00	22.34 1.41 0.00	19.99 1.27 0.00	23.05 0.72 0.00	34.03 1.29 0.00	36.61 1.23 0.00	38.81 1.64 0.00	40.44 2.35 0.00	52.34 3.49 -11.22	54.57 3.68 -13.01	52.66 4.03 -0.73	66.07 5.04 -3.23	54.38 4.12 0.00	50.95 3.69 -1.50	53.96 3.45 -11.75	53.96 3.56 -11.92	41.98 3.37 0.00	37.06 2.72 0.00
DELAWARE___LFGE 323621	42.48 0.67 0.00	38.61 0.64 0.00	37.00 0.62 0.00	33.19 0.51 0.00	34.19 0.51 0.00	30.99 0.49 0.00	29.61 0.46 0.00	21.28 0.35 0.00	19.04 0.32 0.00	22.69 0.36 0.00	33.27 0.54 0.00	35.94 0.56 0.00	37.74 0.57 0.00	38.75 0.65 0.00	38.42 0.79 0.00	38.74 0.87 0.00	49.04 1.15 0.00	59.20 1.39 0.00	51.48 1.23 0.00	46.87 1.11 0.00	39.72 0.96 0.00	39.39 0.91 0.00	39.49 0.87 0.00	35.04 0.70 0.00
DERFIELD_115KV_TB7 355931	41.80 0.00 0.00	37.96 0.00 0.00	36.38 0.00 0.00	32.67 0.00 0.00	33.68 0.00 0.00	30.50 0.00 0.00	29.16 0.01 0.00	20.95 0.02 0.00	18.76 0.04 0.00	22.36 0.02 0.00	32.80 0.06 0.00	35.44 0.06 0.00	37.21 0.04 0.00	38.14 0.04 0.00	37.67 0.04 0.00	37.95 0.08 0.00	48.01 0.11 0.00	57.93 0.12 0.00	50.36 0.10 0.00	45.85 0.09 0.00	38.84 0.08 0.00	38.60 0.12 0.00	38.74 0.12 0.00	34.45 0.10 0.00
DOGLEVILLE___HYD 23807	41.44 -0.36 0.00	37.73 -0.23 0.00	36.39 0.01 0.00	32.50 -0.17 0.00	33.46 -0.22 0.00	30.34 -0.16 0.00	29.03 -0.12 0.00	20.93 0.00 0.00	18.93 0.21 0.00	22.54 0.20 0.00	33.16 0.42 0.00	35.84 0.45 0.00	37.65 0.48 0.00	38.42 0.32 0.00	38.06 0.44 0.00	38.42 0.55 0.00	48.81 0.91 0.00	59.02 1.21 0.00	51.31 1.06 0.00	46.67 0.90 0.00	39.57 0.81 0.00	39.19 0.71 0.00	39.22 0.60 0.00	34.86 0.51 0.00
DUNKIRK___115KV_TB_200 55889	38.77 -3.03 0.00	35.41 -2.55 0.00	34.24 -2.14 0.00	31.05 -1.62 0.00	31.39 -2.29 0.00	28.39 -2.11 0.00	26.51 -2.64 0.00	18.64 -2.29 0.00	9.66 -2.39 6.67	9.16 -2.76 10.41	16.14 -4.17 12.43	17.95 -4.41 13.02	19.07 -4.74 13.36	23.01 -4.83 10.25	21.20 -4.72 11.70	19.54 -4.78 13.55	26.20 -6.12 15.58	34.05 -6.62 17.13	29.14 -5.62 15.49	26.02 -4.94 14.80	20.78 -4.30 13.68	33.40 -4.45 0.63	31.36 -4.35 2.92	21.30 -4.11 8.93
DUNKIRK___1 23563	38.77 -3.03 0.00	35.41 -2.55 0.00	34.24 -2.14 0.00	31.05 -1.62 0.00	31.39 -2.29 0.00	28.39 -2.11 0.00	26.51 -2.64 0.00	18.64 -2.29 0.00	9.66 -2.39 6.67	9.16 -2.76 10.41	16.14 -4.17 12.43	17.95 -4.41 13.02	19.07 -4.74 13.36	23.01 -4.83 10.25	21.20 -4.72 11.70	19.54 -4.78 13.55	26.20 -6.12 15.58	34.05 -6.62 17.13	29.14 -5.62 15.49	26.02 -4.94 14.80	20.78 -4.30 13.68	33.40 -4.45 0.63	31.36 -4.35 2.92	21.30 -4.11 8.93
DUNKIRK___2 23564	38.77 -3.03 0.00	35.41 -2.55 0.00	34.24 -2.14 0.00	31.05 -1.62 0.00	31.39 -2.29 0.00	28.39 -2.11 0.00	26.51 -2.64 0.00	18.64 -2.29 0.00	9.66 -2.39 6.67	9.16 -2.76 10.41	16.14 -4.17 12.43	17.95 -4.41 13.02	19.07 -4.74 13.36	23.01 -4.83 10.25	21.20 -4.72 11.70	19.54 -4.78 13.55	26.20 -6.12 15.58	34.05 -6.62 17.13	29.14 -5.62 15.49	26.02 -4.94 14.80	20.78 -4.30 13.68	33.40 -4.45 0.63	31.36 -4.35 2.92	21.30 -4.11 8.93
DUNKIRK___3 23565	38.70 -3.11 0.00	35.29 -2.67 0.00	34.11 -2.27 0.00	30.93 -1.74 0.00	31.35 -2.34 0.00	28.36 -2.14 0.00	26.52 -2.63 0.00	18.68 -2.25 0.00	9.02 -2.34 7.36	8.15 -2.70 11.48	14.95 -4.08 13.70	16.70 -4.33 14.35	17.78 -4.67 14.72	22.03 -4.77 11.30	20.07 -4.65 12.90	18.20 -4.74 14.94	24.63 -6.11 17.17	32.25 -6.68 18.88	27.47 -5.71 17.07	24.42 -5.04 16.31	19.33 -4.36 15.07	33.36 -4.42 0.70	31.11 -4.29 3.22	20.44 -4.06 9.85
DUNKIRK___4 23566	38.70 -3.11 0.00	35.29 -2.67 0.00	34.11 -2.27 0.00	30.93 -1.74 0.00	31.35 -2.34 0.00	28.36 -2.14 0.00	26.52 -2.63 0.00	18.68 -2.25 0.00	9.02 -2.34 7.36	8.15 -2.70 11.48	14.95 -4.08 13.70	16.70 -4.33 14.35	17.78 -4.67 14.72	22.03 -4.77 11.30	20.07 -4.65 12.90	18.20 -4.74 14.94	24.63 -6.11 17.17	32.25 -6.68 18.88	27.47 -5.71 17.07	24.42 -5.04 16.31	19.33 -4.36 15.07	33.36 -4.42 0.70	31.11 -4.29 3.22	20.44 -4.06 9.85
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.41 1.61 0.00	39.49 1.53 0.00	37.72 1.34 0.00	33.78 1.10 0.00	34.80 1.12 0.00	31.56 1.06 0.00	30.24 1.09 0.00	21.80 0.87 0.00	19.58 0.86 0.00	23.21 0.87 0.00	34.26 1.52 0.00	37.04 1.65 0.00	38.95 1.78 0.00	40.08 1.97 0.00	39.90 2.28 0.00	40.21 2.34 0.00	50.95 3.05 0.00	61.46 3.65 0.00	53.53 3.28 0.00	48.71 2.95 0.00	41.37 2.61 0.00	41.05 2.57 0.00	41.24 2.62 0.00	36.55 2.20 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.13 1.33 0.00	39.20 1.24 0.00	37.45 1.08 0.00	33.55 0.87 0.00	34.55 0.87 0.00	31.32 0.82 0.00	29.98 0.83 0.00	21.61 0.68 0.00	19.39 0.67 0.00	23.05 0.71 0.00	33.94 1.21 0.00	36.72 1.33 0.00	38.64 1.47 0.00	39.76 1.66 0.00	39.57 1.94 0.00	40.03 2.15 0.00	50.75 2.85 0.00	61.28 3.47 0.00	53.34 3.09 0.00	48.53 2.77 0.00	41.20 2.44 0.00	40.85 2.37 0.00	40.97 2.35 0.00	36.26 1.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.36 1.56 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.76 1.09 0.00	34.75 1.07 0.00	31.54 1.04 0.00	30.25 1.11 0.00	21.82 0.88 0.00	19.59 0.87 0.00	23.22 0.88 0.00	34.34 1.60 0.00	37.10 1.71 0.00	38.92 1.74 0.00	40.08 1.98 0.00	39.89 2.26 0.00	40.24 2.37 0.00	50.93 3.04 0.00	61.45 3.64 0.00	53.55 3.30 0.00	48.75 2.99 0.00	41.43 2.67 0.00	41.11 2.63 0.00	41.30 2.68 0.00	36.54 2.20 -0.01
E179THST_13_KV_LOAD 356214	43.54 1.73 0.00	39.61 1.65 0.00	37.82 1.44 0.00	33.88 1.20 0.00	34.87 1.19 0.00	31.65 1.16 0.00	30.36 1.21 0.00	21.90 0.96 0.00	19.66 0.94 0.00	23.30 0.96 0.00	34.44 1.71 0.00	37.23 1.84 0.00	39.06 1.89 0.00	40.24 2.14 0.00	40.04 2.42 0.00	40.41 2.53 0.00	51.15 3.25 0.00	61.71 3.91 0.00	53.78 3.53 0.00	48.96 3.20 0.00	41.60 2.83 0.00	41.28 2.80 0.00	41.46 2.84 0.00	36.69 2.34 -0.01
EAST HAMPTON___GT 23717	42.21 0.40 0.00	38.32 0.36 0.00	36.46 0.08 0.00	33.05 0.37 0.00	35.21 1.53 0.00	32.36 1.86 0.00	31.10 1.95 0.00	22.13 1.20 0.00	19.80 1.07 0.00	22.74 0.40 0.00	33.54 0.80 0.00	36.05 0.66 0.00	38.20 1.03 0.00	39.86 1.76 0.00	51.88 3.03 -11.22	54.16 3.28 -13.01	52.05 3.42 -0.73	65.50 4.47 -3.23	53.71 3.45 0.00	50.35 3.09 -1.50	53.44 2.92 -11.75	53.43 3.04 -11.92	41.41 2.79 0.00	36.54 2.20 0.00
EAST RIVER___6 23660	43.36 1.56 0.00	39.44 1.47 0.00	37.66 1.28 0.00	33.72 1.04 0.00	34.72 1.04 0.00	31.50 1.01 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.56 0.84 0.00	23.18 0.84 0.00	34.26 1.52 0.00	37.01 1.62 0.00	38.89 1.72 0.00	40.02 1.92 0.00	39.87 2.25 0.00	40.19 2.32 0.00	50.92 3.03 0.00	61.38 3.58 0.00	53.49 3.24 0.00	48.67 2.91 0.00	41.34 2.59 0.00	41.04 2.56 0.00	41.26 2.64 0.00	36.56 2.21 0.00
EAST RIVER___7 23524	43.36 1.56 0.00	39.44 1.47 0.00	37.66 1.28 0.00	33.72 1.04 0.00	34.72 1.04 0.00	31.50 1.01 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.56 0.84 0.00	23.18 0.84 0.00	34.26 1.52 0.00	37.01 1.62 0.00	38.89 1.72 0.00	40.02 1.92 0.00	39.87 2.25 0.00	40.19 2.32 0.00	50.92 3.03 0.00	61.38 3.58 0.00	53.49 3.24 0.00	48.67 2.91 0.00	41.34 2.59 0.00	41.04 2.56 0.00	41.26 2.64 0.00	36.56 2.21 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.34 1.53 0.00	39.42 1.46 0.00	37.64 1.26 0.00	33.70 1.02 0.00	34.72 1.04 0.00	31.48 0.99 0.00	30.17 1.02 0.00	21.75 0.82 0.00	19.54 0.81 0.00	23.16 0.82 0.00	34.18 1.45 0.00	36.95 1.57 0.00	38.86 1.69 0.00	39.99 1.89 0.00	39.81 2.18 0.00	40.11 2.24 0.00	50.83 2.93 0.00	61.31 3.50 0.00	53.40 3.14 0.00	48.59 2.82 0.00	41.27 2.51 0.00	40.94 2.46 0.00	41.12 2.50 0.00	36.44 2.10 0.00
EAST_HAMPTON___DIESEL 23722	42.08 0.27 0.00	38.20 0.24 0.00	36.34 -0.03 0.00	32.95 0.28 0.00	35.16 1.47 0.00	32.31 1.82 0.00	31.07 1.92 0.00	22.09 1.16 0.00	19.75 1.03 0.00	22.67 0.34 0.00	33.44 0.70 0.00	35.95 0.57 0.00	38.10 0.92 0.00	39.75 1.66 0.00	51.78 2.94 -11.22	54.08 3.19 -13.01	51.92 3.29 -0.73	65.37 4.34 -3.23	53.58 3.32 0.00	50.21 2.95 -1.50	53.34 2.82 -11.75	53.33 2.94 -11.92	41.30 2.68 0.00	36.44 2.10 0.00
EAST_POINT___SOLAR 323840	43.95 2.15 0.00	39.87 1.91 0.00	38.40 2.03 0.00	34.53 1.85 0.00	35.60 1.91 0.00	32.29 1.79 0.00	30.88 1.73 0.00	22.17 1.24 0.00	19.79 1.06 0.00	23.60 1.26 0.00	34.73 1.99 0.00	37.47 2.09 0.00	39.40 2.23 0.00	40.35 2.25 0.00	39.78 2.15 0.00	40.11 2.23 0.00	50.93 3.03 0.00	61.49 3.68 0.00	53.42 3.17 0.00	48.58 2.82 0.00	41.02 2.26 0.00	40.62 2.14 0.00	40.66 2.04 0.00	35.98 1.63 0.00
EAST_PULASKI___ESR 323781	40.61 -1.19 0.00	36.79 -1.18 0.00	35.20 -1.18 0.00	31.76 -0.92 0.00	32.80 -0.89 0.00	29.77 -0.72 0.00	28.44 -0.71 0.00	20.42 -0.51 0.00	18.21 -0.52 0.00	21.78 -0.55 0.00	31.85 -0.88 0.00	34.41 -0.97 0.00	36.05 -1.12 0.00	36.92 -1.18 0.00	36.20 -1.43 0.00	36.43 -1.44 0.00	46.09 -1.81 0.00	55.71 -2.10 0.00	48.40 -1.86 0.00	44.01 -1.75 0.00	37.25 -1.51 0.00	36.94 -1.54 0.00	37.04 -1.58 0.00	32.94 -1.40 0.00
EAST_RIVER___1 323558	43.37 1.56 0.00	39.45 1.49 0.00	37.67 1.29 0.00	33.72 1.05 0.00	34.74 1.05 0.00	31.51 1.01 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.56 0.84 0.00	23.17 0.84 0.00	34.25 1.51 0.00	36.99 1.60 0.00	38.87 1.70 0.00	39.99 1.90 0.00	39.85 2.22 0.00	40.16 2.30 0.00	50.90 3.00 0.00	61.34 3.54 0.00	53.46 3.20 0.00	48.65 2.89 0.00	41.33 2.57 0.00	41.02 2.54 0.00	41.26 2.63 0.00	36.56 2.21 0.00
EAST_RIVER___2 323559	43.36 1.56 0.00	39.44 1.47 0.00	37.66 1.28 0.00	33.72 1.04 0.00	34.72 1.04 0.00	31.50 1.01 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.56 0.84 0.00	23.18 0.84 0.00	34.26 1.52 0.00	37.01 1.62 0.00	38.89 1.72 0.00	40.02 1.92 0.00	39.87 2.25 0.00	40.19 2.32 0.00	50.92 3.03 0.00	61.38 3.58 0.00	53.49 3.24 0.00	48.67 2.91 0.00	41.34 2.59 0.00	41.04 2.56 0.00	41.26 2.64 0.00	36.56 2.21 0.00
EAST___DELAWARE_HYD 23607	42.91 1.10 0.00	38.92 0.96 0.00	37.16 0.79 0.00	33.28 0.61 0.00	34.27 0.59 0.00	31.08 0.58 0.00	29.78 0.63 0.00	21.48 0.55 0.00	19.27 0.54 0.00	22.90 0.56 0.00	33.70 0.96 0.00	36.47 1.08 0.00	38.40 1.23 0.00	39.50 1.40 0.00	39.32 1.69 0.00	39.80 1.93 0.00	50.52 2.62 0.00	61.06 3.25 0.00	53.13 2.88 0.00	48.34 2.58 0.00	41.00 2.24 0.00	40.62 2.14 0.00	40.71 2.08 0.00	35.99 1.65 0.00
EIGHT_POINT___WT_PWR 323820	39.52 -2.28 0.00	36.14 -1.82 0.00	34.90 -1.47 0.00	31.22 -1.46 0.00	32.00 -1.68 0.00	28.91 -1.59 0.00	26.97 -2.17 0.00	18.91 -2.03 0.00	40.29 -2.34 -23.90	56.78 -2.75 -37.20	72.75 -4.31 -44.32	77.33 -4.48 -46.43	80.12 -4.69 -47.64	69.84 -4.82 -36.57	74.87 -4.49 -41.73	81.75 -4.44 -48.33	97.76 -5.68 -55.54	112.22 -6.66 -61.07	99.82 -5.66 -55.23	93.46 -5.07 -52.76	83.24 -4.31 -48.79	36.61 -4.15 -2.27	44.97 -4.10 -10.45	62.65 -3.69 -32.00
ELBRIDGE_115KV_TB2 80188	40.82 -0.98 0.00	37.10 -0.86 0.00	35.57 -0.81 0.00	31.95 -0.73 0.00	32.89 -0.79 0.00	29.83 -0.67 0.00	28.47 -0.68 0.00	20.41 -0.52 0.00	18.18 -0.55 0.00	21.70 -0.64 0.00	31.68 -1.06 0.00	34.26 -1.13 0.00	35.98 -1.19 0.00	36.92 -1.18 0.00	36.51 -1.12 0.00	36.80 -1.08 0.00	46.51 -1.39 0.00	56.23 -1.58 0.00	48.89 -1.36 0.00	44.50 -1.26 0.00	37.68 -1.08 0.00	37.43 -1.06 0.00	37.51 -1.11 0.00	33.36 -0.99 0.00
ELEC_TRO_TEK 24086	43.55 1.74 0.00	39.62 1.66 0.00	37.77 1.39 0.00	33.89 1.22 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.48 1.33 0.00	21.97 1.04 0.00	19.70 0.98 0.00	23.21 0.88 0.00	34.42 1.68 0.00	37.12 1.73 0.00	39.27 2.10 0.00	40.48 2.38 0.00	60.22 2.77 -19.82	63.73 2.85 -23.00	52.76 3.57 -1.29	67.73 4.23 -5.70	54.05 3.79 -0.01	51.82 3.41 -2.66	62.58 3.05 -20.77	62.58 3.04 -21.06	41.63 3.01 0.00	36.84 2.50 0.00

ELLENBURG_WT_PWR 323604	42.50 0.70 0.00	38.28 0.32 0.00	36.49 0.12 0.00	32.89 0.21 0.00	34.15 0.47 0.00	30.59 0.09 0.00	29.47 0.32 0.00	21.17 0.23 0.00	19.04 0.32 0.00	22.81 0.47 0.00	33.53 0.80 0.00	36.28 0.89 0.00	38.13 0.96 0.00	39.07 0.97 0.00	38.21 0.59 0.00	37.99 0.11 0.00	47.70 -0.19 0.00	57.41 -0.40 0.00	49.77 -0.49 0.00	45.22 -0.54 0.00	37.91 -0.84 0.00	22.21 -1.05 15.23	23.18 -1.07 14.37	14.91 -0.94 18.50
ELM_ST_23_KV_LD_REV_LBMP_A 345012	38.32 -3.49 0.00	34.84 -3.12 0.00	33.66 -2.72 0.00	30.56 -2.12 0.00	31.10 -2.58 0.00	28.19 -2.31 0.00	26.45 -2.70 0.00	18.68 -2.25 0.00	8.95 -2.36 7.41	8.07 -2.71 11.56	14.84 -4.12 13.78	16.58 -4.37 14.44	17.65 -4.71 14.81	21.92 -4.81 11.37	19.91 -4.74 12.98	17.94 -4.90 15.03	24.21 -6.42 17.27	31.67 -7.14 18.99	26.86 -6.22 17.17	23.82 -5.54 16.41	18.86 -4.74 15.17	33.20 -4.58 0.70	30.97 -4.41 3.24	20.23 -4.18 9.93
EMPIRE_CC_1 323656	42.95 1.14 0.00	39.01 1.05 0.00	37.36 0.98 0.00	33.45 0.78 0.00	34.48 0.79 0.00	31.19 0.69 0.00	29.84 0.69 0.00	21.49 0.56 0.00	19.37 0.64 0.00	23.05 0.72 0.00	33.91 1.17 0.00	36.62 1.23 0.00	38.50 1.33 0.00	39.47 1.37 0.00	39.09 1.46 0.00	39.38 1.51 0.00	49.86 1.96 0.00	60.14 2.34 0.00	52.30 2.05 0.00	47.55 1.79 0.00	40.39 1.63 0.00	40.09 1.61 0.00	40.25 1.63 0.00	35.88 1.54 0.00
EMPIRE_CC_2 323658	42.95 1.14 0.00	39.01 1.05 0.00	37.36 0.98 0.00	33.45 0.78 0.00	34.48 0.79 0.00	31.19 0.69 0.00	29.84 0.69 0.00	21.49 0.56 0.00	19.37 0.64 0.00	23.05 0.72 0.00	33.91 1.17 0.00	36.62 1.23 0.00	38.50 1.33 0.00	39.47 1.37 0.00	39.09 1.46 0.00	39.38 1.51 0.00	49.86 1.96 0.00	60.14 2.34 0.00	52.30 2.05 0.00	47.55 1.79 0.00	40.39 1.63 0.00	40.09 1.61 0.00	40.25 1.63 0.00	35.88 1.54 0.00
ENORWICH_115KV_TB1 80156	43.99 2.19 0.00	40.11 2.15 0.00	38.47 2.09 0.00	34.43 1.75 0.00	35.51 1.83 0.00	32.29 1.79 0.00	30.70 1.56 0.00	21.95 1.02 0.00	19.61 0.88 0.00	23.37 1.04 0.00	33.93 1.20 0.00	36.19 0.80 0.00	37.74 0.57 0.00	38.76 0.66 0.00	38.44 0.82 0.00	38.65 0.78 0.00	48.98 1.08 0.00	59.37 1.56 0.00	51.55 1.30 0.00	46.88 1.12 0.00	39.61 0.85 0.00	39.18 0.70 0.00	39.06 0.43 0.00	34.59 0.24 0.00
ERIE_ST_34_KV_TB1-2 80199	39.18 -2.62 0.00	35.58 -2.38 0.00	34.32 -2.06 0.00	31.10 -1.58 0.00	31.74 -1.95 0.00	28.72 -1.77 0.00	27.04 -2.11 0.00	19.16 -1.77 0.00	10.75 -1.86 6.10	10.66 -2.11 9.57	18.14 -3.16 11.44	20.03 -3.37 11.99	21.22 -3.66 12.29	24.94 -3.72 9.44	23.23 -3.62 10.77	21.64 -3.76 12.47	28.60 -4.97 14.34	36.59 -5.44 15.77	31.28 -4.72 14.26	27.96 -4.18 13.62	22.57 -3.61 12.58	34.37 -3.54 0.58	32.61 -3.34 2.67	22.96 -3.21 8.17
ERIE_WT_PWR 323693	38.62 -3.18 0.00	35.12 -2.84 0.00	33.92 -2.46 0.00	30.79 -1.88 0.00	31.33 -2.35 0.00	28.38 -2.12 0.00	26.63 -2.52 0.00	18.81 -2.12 0.00	9.51 -2.21 7.00	8.85 -2.54 10.95	15.80 -3.86 13.08	17.66 -4.03 13.70	18.78 -4.34 14.05	22.84 -4.47 10.79	20.96 -4.35 12.31	19.16 -4.46 14.26	25.63 -5.89 16.38	33.27 -6.52 18.02	28.36 -5.60 16.29	25.17 -5.02 15.56	20.09 -4.28 14.39	33.54 -4.28 0.67	31.43 -4.13 3.06	21.05 -3.91 9.38
ESPRGFLD_115KV_TB1 80157	42.85 1.05 0.00	38.92 0.96 0.00	37.52 1.15 0.00	33.77 1.10 0.00	34.80 1.11 0.00	31.58 1.09 0.00	30.16 1.01 0.00	21.62 0.68 0.00	19.25 0.53 0.00	22.98 0.65 0.00	33.67 0.94 0.00	36.29 0.91 0.00	38.00 0.83 0.00	38.98 0.88 0.00	38.44 0.81 0.00	38.73 0.86 0.00	49.06 1.16 0.00	59.17 1.37 0.00	51.42 1.16 0.00	46.80 1.04 0.00	39.57 0.81 0.00	39.24 0.76 0.00	39.31 0.69 0.00	34.79 0.45 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.67 -0.13 0.00	37.88 -0.08 0.00	36.30 -0.08 0.00	32.57 -0.10 0.00	33.54 -0.15 0.00	30.42 -0.08 0.00	29.02 -0.13 0.00	20.82 -0.11 0.00	18.58 -0.15 0.00	22.18 -0.16 0.00	32.39 -0.35 0.00	35.01 -0.38 0.00	36.76 -0.41 0.00	37.73 -0.37 0.00	37.36 -0.27 0.00	37.68 -0.19 0.00	47.63 -0.27 0.00	57.60 -0.21 0.00	50.11 -0.14 0.00	45.60 -0.16 0.00	38.59 -0.17 0.00	38.28 -0.20 0.00	38.32 -0.30 0.00	34.04 -0.30 0.00
ETNA____115KV_TB2 80207	41.67 -0.13 0.00	37.88 -0.08 0.00	36.30 -0.08 0.00	32.57 -0.10 0.00	33.54 -0.15 0.00	30.42 -0.08 0.00	29.02 -0.13 0.00	20.82 -0.11 0.00	18.58 -0.15 0.00	22.18 -0.16 0.00	32.39 -0.35 0.00	35.01 -0.38 0.00	36.76 -0.41 0.00	37.73 -0.37 0.00	37.36 -0.27 0.00	37.68 -0.19 0.00	47.63 -0.27 0.00	57.60 -0.21 0.00	50.11 -0.14 0.00	45.60 -0.16 0.00	38.59 -0.17 0.00	38.28 -0.20 0.00	38.32 -0.30 0.00	34.04 -0.30 0.00
EUCLID____115KV_TB2 356179	40.67 -1.14 0.00	36.94 -1.02 0.00	35.41 -0.97 0.00	31.82 -0.85 0.00	32.77 -0.91 0.00	29.72 -0.78 0.00	28.36 -0.79 0.00	20.34 -0.60 0.00	18.11 -0.61 0.00	21.61 -0.72 0.00	31.56 -1.18 0.00	34.11 -1.27 0.00	35.84 -1.33 0.00	36.77 -1.33 0.00	36.34 -1.28 0.00	36.62 -1.26 0.00	46.28 -1.62 0.00	55.96 -1.85 0.00	48.64 -1.61 0.00	44.27 -1.49 0.00	37.49 -1.27 0.00	37.23 -1.26 0.00	37.33 -1.29 0.00	33.22 -1.13 0.00
E_CANADA_CAP_HY 24051	43.19 1.38 0.00	39.17 1.21 0.00	37.85 1.48 0.00	34.10 1.43 0.00	35.14 1.46 0.00	31.88 1.38 0.00	30.46 1.32 0.00	21.82 0.89 0.00	19.46 0.73 0.00	23.23 0.89 0.00	34.07 1.34 0.00	36.72 1.33 0.00	38.56 1.39 0.00	39.54 1.44 0.00	38.79 1.17 0.00	39.00 1.13 0.00	49.45 1.56 0.00	59.63 1.83 0.00	51.78 1.52 0.00	47.11 1.35 0.00	39.82 1.06 0.00	39.49 1.01 0.00	39.58 0.96 0.00	35.06 0.71 0.00
E_CANADA_MHWK_HY 24050	41.44 -0.36 0.00	37.73 -0.23 0.00	36.39 0.01 0.00	32.50 -0.17 0.00	33.46 -0.22 0.00	30.34 -0.16 0.00	29.03 -0.12 0.00	20.93 0.00 0.00	18.93 0.21 0.00	22.54 0.20 0.00	33.16 0.42 0.00	35.84 0.45 0.00	37.65 0.48 0.00	38.42 0.32 0.00	38.06 0.44 0.00	38.42 0.55 0.00	48.81 0.91 0.00	59.02 1.21 0.00	51.31 1.06 0.00	46.67 0.90 0.00	39.57 0.81 0.00	39.19 0.71 0.00	39.22 0.60 0.00	34.86 0.51 0.00
E_FISHKILL____LBMP 23776	43.25 1.44 0.00	39.32 1.35 0.00	37.56 1.18 0.00	33.63 0.95 0.00	34.67 0.98 0.00	31.42 0.92 0.00	30.09 0.95 0.00	21.69 0.76 0.00	19.50 0.78 0.00	23.14 0.80 0.00	34.12 1.38 0.00	36.89 1.50 0.00	38.79 1.62 0.00	39.86 1.76 0.00	39.65 2.03 0.00	39.97 2.10 0.00	50.66 2.76 0.00	61.11 3.30 0.00	53.22 2.97 0.00	48.41 2.65 0.00	41.12 2.36 0.00	40.79 2.31 0.00	40.97 2.35 0.00	36.34 2.00 0.00
FALCON____SEABRD_CC1 323796	42.93 1.13 0.00	38.70 0.74 0.00	36.90 0.52 0.00	33.25 0.57 0.00	34.43 0.75 0.00	30.76 0.26 0.00	29.62 0.47 0.00	21.28 0.35 0.00	19.18 0.45 0.00	22.97 0.63 0.00	33.78 1.05 0.00	36.53 1.15 0.00	38.40 1.23 0.00	39.39 1.29 0.00	38.54 0.91 0.00	38.32 0.45 0.00	48.02 0.12 0.00	57.84 0.03 0.00	50.15 -0.11 0.00	45.60 -0.16 0.00	38.23 -0.53 0.00	21.46 -0.77 16.26	22.52 -0.76 15.34	14.05 -0.54 19.75

FALCON___SEABRD_CC2 323797	42.93 1.13 0.00	38.70 0.74 0.00	36.90 0.52 0.00	33.25 0.57 0.00	34.43 0.75 0.00	30.76 0.26 0.00	29.62 0.47 0.00	21.28 0.35 0.00	19.18 0.45 0.00	22.97 0.63 0.00	33.78 1.05 0.00	36.53 1.15 0.00	38.40 1.23 0.00	39.39 1.29 0.00	38.54 0.91 0.00	38.32 0.45 0.00	48.02 0.12 0.00	57.84 0.03 0.00	50.15 -0.11 0.00	45.60 -0.16 0.00	38.23 -0.53 0.00	21.46 -0.77 16.26	22.52 -0.76 15.34	14.05 -0.54 19.75
FAR ROCKAWAY___4 23548	44.05 2.24 0.00	40.05 2.09 0.00	38.17 1.80 0.00	34.25 1.58 0.00	35.34 1.65 0.00	32.14 1.64 0.00	30.81 1.67 0.00	22.19 1.26 0.00	19.90 1.18 0.00	23.44 1.10 0.00	34.79 2.06 0.00	37.51 2.13 0.00	39.73 2.56 0.00	40.95 2.85 0.00	59.03 3.25 -18.16	62.29 3.35 -21.07	53.29 4.21 -1.18	68.03 4.99 -5.22	54.74 4.48 0.00	52.21 4.02 -2.43	61.34 3.55 -19.03	61.32 3.55 -19.29	42.13 3.51 0.00	37.29 2.95 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.39 1.59 0.00	39.48 1.52 0.00	37.69 1.32 0.00	33.75 1.07 0.00	34.76 1.08 0.00	31.53 1.04 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.27 1.53 0.00	37.03 1.65 0.00	38.92 1.75 0.00	40.04 1.94 0.00	39.89 2.26 0.00	40.22 2.35 0.00	50.95 3.05 0.00	61.40 3.60 0.00	53.53 3.27 0.00	48.70 2.94 0.00	41.37 2.61 0.00	41.05 2.57 0.00	41.28 2.66 0.00	36.59 2.25 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.42 1.61 0.00	39.50 1.54 0.00	37.71 1.33 0.00	33.76 1.09 0.00	34.78 1.09 0.00	31.55 1.05 0.00	30.25 1.10 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.28 1.55 0.00	37.05 1.66 0.00	38.93 1.76 0.00	40.05 1.95 0.00	39.90 2.28 0.00	40.22 2.35 0.00	50.97 3.07 0.00	61.45 3.64 0.00	53.55 3.30 0.00	48.72 2.96 0.00	41.39 2.64 0.00	41.08 2.59 0.00	41.31 2.69 0.00	36.61 2.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.37 1.57 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.74 1.06 0.00	34.75 1.07 0.00	31.52 1.02 0.00	30.22 1.07 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.18 0.85 0.00	34.26 1.52 0.00	37.02 1.63 0.00	38.90 1.73 0.00	40.02 1.92 0.00	39.87 2.24 0.00	40.19 2.32 0.00	50.92 3.02 0.00	61.38 3.58 0.00	53.50 3.24 0.00	48.67 2.91 0.00	41.35 2.59 0.00	41.03 2.55 0.00	41.27 2.65 0.00	36.57 2.23 0.00
FARRAGUT___LBMP 323566	43.35 1.54 0.00	39.44 1.48 0.00	37.66 1.28 0.00	33.71 1.03 0.00	34.73 1.04 0.00	31.50 1.00 0.00	30.21 1.06 0.00	21.78 0.85 0.00	19.56 0.83 0.00	23.17 0.83 0.00	34.24 1.50 0.00	36.99 1.61 0.00	38.87 1.70 0.00	39.99 1.89 0.00	39.84 2.21 0.00	40.16 2.30 0.00	50.88 2.98 0.00	61.33 3.52 0.00	53.47 3.21 0.00	48.64 2.88 0.00	41.33 2.57 0.00	41.00 2.52 0.00	41.23 2.61 0.00	36.55 2.21 0.00
FENNER___WINDPWR 24204	41.92 0.11 0.00	38.17 0.21 0.00	36.59 0.22 0.00	32.87 0.20 0.00	33.90 0.22 0.00	30.76 0.26 0.00	29.41 0.26 0.00	21.11 0.18 0.00	18.87 0.15 0.00	22.54 0.20 0.00	32.92 0.19 0.00	35.57 0.18 0.00	37.33 0.16 0.00	38.29 0.19 0.00	37.77 0.14 0.00	38.09 0.22 0.00	48.14 0.24 0.00	58.02 0.21 0.00	50.42 0.16 0.00	45.87 0.11 0.00	38.80 0.04 0.00	38.49 0.01 0.00	38.54 -0.08 0.00	34.24 -0.11 0.00
FIBERTEK___ENERGY 23856	41.07 -0.74 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.12 -0.55 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.64 -0.51 0.00	20.54 -0.39 0.00	18.30 -0.43 0.00	21.85 -0.49 0.00	31.91 -0.83 0.00	34.50 -0.88 0.00	36.25 -0.92 0.00	37.19 -0.90 0.00	36.76 -0.87 0.00	37.06 -0.81 0.00	46.85 -1.05 0.00	56.64 -1.17 0.00	49.24 -1.01 0.00	44.80 -0.96 0.00	37.93 -0.83 0.00	37.66 -0.82 0.00	37.74 -0.88 0.00	33.57 -0.78 0.00
FITZPATRICK____ 23598	40.26 -1.54 0.00	36.58 -1.38 0.00	35.07 -1.31 0.00	31.52 -1.15 0.00	32.46 -1.22 0.00	29.42 -1.08 0.00	28.09 -1.06 0.00	20.14 -0.79 0.00	17.94 -0.79 0.00	21.39 -0.94 0.00	31.22 -1.51 0.00	33.75 -1.63 0.00	35.45 -1.73 0.00	36.35 -1.75 0.00	35.91 -1.72 0.00	36.17 -1.70 0.00	45.71 -2.19 0.00	55.25 -2.56 0.00	48.03 -2.23 0.00	43.70 -2.06 0.00	37.02 -1.74 0.00	36.76 -1.72 0.00	36.89 -1.73 0.00	32.85 -1.49 0.00
FLOWRFLD_69_KV_BK1 356044	43.74 1.94 0.00	39.76 1.80 0.00	37.81 1.44 0.00	34.05 1.38 0.00	35.27 1.58 0.00	32.24 1.74 0.00	30.93 1.78 0.00	22.29 1.36 0.00	19.97 1.25 0.00	23.33 0.99 0.00	34.56 1.82 0.00	37.21 1.83 0.00	39.49 2.32 0.00	40.93 2.83 0.00	52.41 3.52 -11.27	54.63 3.68 -13.07	52.98 4.35 -0.73	66.32 5.27 -3.24	54.87 4.61 0.00	51.40 4.13 -1.51	54.32 3.75 -11.81	54.22 3.77 -11.97	42.24 3.62 0.00	37.31 2.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.72 1.91 0.00	39.72 1.76 0.00	37.93 1.56 0.00	33.97 1.30 0.00	35.01 1.32 0.00	31.73 1.24 0.00	30.39 1.24 0.00	21.91 0.98 0.00	19.68 0.96 0.00	23.37 1.03 0.00	34.46 1.72 0.00	37.28 1.89 0.00	39.24 2.07 0.00	40.35 2.25 0.00	40.15 2.53 0.00	40.52 2.65 0.00	51.42 3.52 0.00	62.09 4.28 0.00	54.06 3.80 0.00	49.17 3.41 0.00	41.73 2.97 0.00	41.37 2.89 0.00	41.49 2.87 0.00	36.75 2.41 0.00
FORT ORANGE____ 23900	43.17 1.36 0.00	39.23 1.26 0.00	37.53 1.16 0.00	33.63 0.95 0.00	34.66 0.98 0.00	31.38 0.89 0.00	30.03 0.88 0.00	21.62 0.69 0.00	19.44 0.72 0.00	23.17 0.82 0.00	34.05 1.31 0.00	36.79 1.41 0.00	38.70 1.53 0.00	39.69 1.59 0.00	39.29 1.66 0.00	39.43 1.56 0.00	49.96 2.06 0.00	60.30 2.50 0.00	52.41 2.16 0.00	47.67 1.91 0.00	40.43 1.67 0.00	40.09 1.61 0.00	40.26 1.63 0.00	35.98 1.63 0.00
FORT_DRUM_COGEN 23780	40.98 -0.82 0.00	36.86 -1.10 0.00	35.11 -1.27 0.00	31.99 -0.68 0.00	33.38 -0.30 0.00	30.42 -0.08 0.00	29.16 0.02 0.00	21.01 0.08 0.00	18.80 0.08 0.00	22.57 0.23 0.00	33.05 0.32 0.00	35.65 0.26 0.00	37.12 -0.05 0.00	37.87 -0.23 0.00	36.44 -1.19 0.00	36.61 -1.26 0.00	46.41 -1.49 0.00	55.95 -1.85 0.00	48.52 -1.74 0.00	44.06 -1.70 0.00	37.18 -1.58 0.00	36.68 -1.80 0.00	36.69 -1.94 0.00	32.58 -1.76 0.00
FOX_HILLS___ESR 323835	61.44 1.83 -17.80	53.18 1.76 -13.45	52.72 1.56 -14.78	52.12 1.29 -18.15	52.07 1.28 -17.11	51.85 1.22 -20.14	51.86 1.27 -21.45	52.04 1.00 -30.10	52.04 0.96 -32.36	52.16 0.99 -28.83	52.43 1.69 -18.00	179.87 1.75 -142.74	56.30 1.92 -17.20	58.07 2.13 -17.84	58.07 2.44 -18.01	58.42 2.56 -17.98	58.55 3.35 -7.31	62.09 3.92 -0.36	59.09 3.57 -5.27	63.61 3.23 -14.61	59.10 2.84 -17.50	59.08 2.82 -17.78	58.49 2.90 -16.97	58.06 2.43 -21.29
FPL FAR_ROCK_GT1 24212	44.05 2.24 0.00	40.05 2.09 0.00	38.17 1.80 0.00	34.25 1.58 0.00	35.34 1.65 0.00	32.14 1.64 0.00	30.81 1.66 0.00	22.19 1.26 0.00	19.89 1.16 0.00	23.43 1.10 0.00	34.79 2.05 0.00	37.50 2.11 0.00	39.72 2.55 0.00	40.94 2.84 0.00	59.01 3.23 -18.16	62.27 3.33 -21.07	53.28 4.20 -1.18	68.00 4.97 -5.22	54.72 4.45 0.00	52.20 4.01 -2.43	61.32 3.54 -19.03	61.32 3.54 -19.29	42.14 3.52 0.00	37.29 2.94 0.00

FPL FAR_ROCK_GT2 23815	44.05 2.24 0.00	40.05 2.09 0.00	38.17 1.80 0.00	34.25 1.58 0.00	35.34 1.65 0.00	32.14 1.64 0.00	30.81 1.66 0.00	22.19 1.26 0.00	19.89 1.16 0.00	23.43 1.10 0.00	34.79 2.05 0.00	37.50 2.11 0.00	39.72 2.55 0.00	40.94 2.84 0.00	59.01 3.23 -18.16	62.27 3.33 -21.07	53.28 4.20 -1.18	68.00 4.97 -5.22	54.72 4.45 0.00	52.20 4.01 -2.43	61.32 3.54 -19.03	61.32 3.54 -19.29	42.14 3.52 0.00	37.29 2.94 0.00
FRANKLIN_FALL_HYD 24054	42.74 0.93 0.00	38.56 0.59 0.00	36.81 0.43 0.00	33.20 0.52 0.00	34.40 0.71 0.00	30.90 0.41 0.00	29.68 0.53 0.00	21.31 0.38 0.00	19.16 0.44 0.00	23.04 0.70 0.00	33.87 1.14 0.00	36.65 1.26 0.00	38.53 1.35 0.00	39.39 1.29 0.00	38.50 0.88 0.00	38.32 0.45 0.00	48.27 0.37 0.00	58.18 0.37 0.00	50.46 0.20 0.00	45.88 0.12 0.00	38.53 -0.23 0.00	39.16 -0.37 -1.05	39.27 -0.35 -0.99	35.27 -0.34 -1.27
FREEPORT_EQUS_GT1 23764	43.79 1.98 0.00	39.84 1.87 0.00	37.95 1.57 0.00	34.06 1.38 0.00	35.15 1.46 0.00	31.99 1.49 0.00	30.66 1.51 0.00	22.10 1.17 0.00	19.81 1.08 0.00	23.30 0.96 0.00	34.57 1.83 0.00	37.25 1.86 0.00	39.48 2.31 0.00	40.73 2.64 0.00	55.75 3.05 -15.07	58.42 3.06 -17.48	52.86 3.98 -0.98	66.87 4.73 -4.34	54.47 4.21 0.00	51.58 3.80 -2.02	57.94 3.38 -15.79	57.88 3.39 -16.01	41.96 3.34 0.00	37.09 2.75 0.00
FREEPORT___CT2 23818	43.79 1.98 0.00	39.84 1.87 0.00	37.95 1.57 0.00	34.06 1.38 0.00	35.15 1.46 0.00	31.99 1.49 0.00	30.66 1.51 0.00	22.10 1.17 0.00	19.81 1.08 0.00	23.30 0.96 0.00	34.57 1.83 0.00	37.25 1.86 0.00	39.48 2.31 0.00	40.73 2.64 0.00	55.75 3.05 -15.07	58.42 3.06 -17.48	52.86 3.98 -0.98	66.87 4.73 -4.34	54.47 4.21 0.00	51.58 3.80 -2.02	57.94 3.38 -15.79	57.88 3.39 -16.01	41.96 3.34 0.00	37.09 2.75 0.00
FRESHKLS_33_KV_LOAD 356253	61.41 1.81 -17.80	53.16 1.75 -13.45	52.72 1.56 -14.78	52.15 1.32 -18.15	52.08 1.29 -17.11	51.85 1.22 -20.14	51.89 1.30 -21.45	52.06 1.02 -30.10	52.06 0.97 -32.36	52.17 1.00 -28.83	52.41 1.67 -18.00	179.81 1.69 -142.74	56.30 1.92 -17.20	58.07 2.13 -17.84	58.07 2.44 -18.01	58.43 2.57 -17.98	58.58 3.37 -7.31	62.11 3.94 -0.36	59.11 3.58 -5.27	63.63 3.26 -14.61	59.10 2.84 -17.50	59.09 2.83 -17.78	58.49 2.90 -16.97	58.06 2.43 -21.29
FULTON COGEN____ 23766	40.45 -1.35 0.00	36.77 -1.19 0.00	35.23 -1.15 0.00	31.67 -1.00 0.00	32.61 -1.07 0.00	29.58 -0.92 0.00	28.24 -0.91 0.00	20.24 -0.69 0.00	18.03 -0.69 0.00	21.53 -0.81 0.00	31.42 -1.31 0.00	33.97 -1.42 0.00	35.68 -1.49 0.00	36.61 -1.49 0.00	36.17 -1.46 0.00	36.45 -1.42 0.00	46.09 -1.81 0.00	55.73 -2.08 0.00	48.43 -1.83 0.00	44.05 -1.71 0.00	37.30 -1.46 0.00	37.05 -1.44 0.00	37.13 -1.49 0.00	33.06 -1.29 0.00
FULTON___LFGE 323630	43.66 1.86 0.00	39.61 1.65 0.00	38.10 1.73 0.00	34.25 1.57 0.00	35.29 1.61 0.00	32.00 1.50 0.00	30.61 1.46 0.00	21.99 1.06 0.00	19.65 0.93 0.00	23.44 1.10 0.00	34.42 1.68 0.00	37.15 1.76 0.00	39.06 1.88 0.00	40.00 1.90 0.00	39.44 1.81 0.00	39.80 1.93 0.00	50.49 2.60 0.00	60.97 3.16 0.00	52.98 2.72 0.00	48.19 2.42 0.00	40.75 1.99 0.00	40.36 1.88 0.00	40.42 1.80 0.00	35.81 1.47 0.00
G.F.CEMENT___DRP 24184	43.75 1.95 0.00	39.87 1.91 0.00	38.25 1.88 0.00	34.19 1.52 0.00	35.27 1.59 0.00	31.89 1.39 0.00	30.54 1.39 0.00	22.00 1.07 0.00	19.90 1.18 0.00	23.72 1.38 0.00	34.90 2.16 0.00	37.77 2.38 0.00	39.76 2.59 0.00	40.76 2.66 0.00	40.33 2.70 0.00	40.72 2.85 0.00	51.60 3.71 0.00	62.27 4.46 0.00	54.17 3.92 0.00	49.26 3.49 0.00	41.76 3.00 0.00	41.36 2.87 0.00	41.40 2.78 0.00	36.75 2.41 0.00
GARDENVILLE___LBMP 24039	38.48 -3.33 0.00	35.00 -2.96 0.00	33.81 -2.56 0.00	30.69 -1.99 0.00	31.23 -2.45 0.00	28.29 -2.21 0.00	26.53 -2.62 0.00	18.74 -2.19 0.00	8.23 -2.30 8.20	6.91 -2.64 12.79	13.48 -4.00 15.25	15.15 -4.25 15.98	16.20 -4.58 16.40	20.83 -4.68 12.59	18.67 -4.59 14.36	16.49 -4.74 16.63	22.57 -6.22 19.12	29.90 -6.89 21.02	25.27 -5.98 19.01	22.29 -5.31 18.16	17.43 -4.54 16.79	33.28 -4.42 0.78	30.77 -4.26 3.59	19.33 -4.04 10.97
GARDNVLA_35_KV_LD 355827	38.65 -3.15 0.00	35.14 -2.82 0.00	33.93 -2.45 0.00	30.79 -1.88 0.00	31.35 -2.33 0.00	28.40 -2.10 0.00	26.66 -2.49 0.00	18.83 -2.10 0.00	9.93 -2.23 6.56	9.51 -2.56 10.26	16.61 -3.86 12.26	18.43 -4.10 12.85	19.56 -4.43 13.18	23.48 -4.51 10.12	21.66 -4.43 11.54	19.92 -4.59 13.37	26.51 -6.02 15.37	34.26 -6.64 16.90	29.22 -5.76 15.28	26.04 -5.12 14.60	20.89 -4.38 13.49	33.64 -4.22 0.62	31.66 -4.09 2.87	21.65 -3.91 8.78
GELCKHM___115KV_LOAD 80723	40.82 -0.99 0.00	37.09 -0.87 0.00	35.55 -0.83 0.00	31.95 -0.72 0.00	32.89 -0.79 0.00	29.82 -0.67 0.00	28.47 -0.67 0.00	20.41 -0.52 0.00	18.19 -0.54 0.00	21.71 -0.63 0.00	31.69 -1.04 0.00	34.27 -1.11 0.00	36.00 -1.17 0.00	36.94 -1.17 0.00	36.51 -1.12 0.00	36.79 -1.09 0.00	46.51 -1.39 0.00	56.22 -1.59 0.00	48.88 -1.38 0.00	44.48 -1.29 0.00	37.66 -1.10 0.00	37.39 -1.09 0.00	37.49 -1.13 0.00	33.35 -1.00 0.00
GENERAL___MILLS 23808	38.60 -3.20 0.00	35.10 -2.86 0.00	33.89 -2.49 0.00	30.76 -1.91 0.00	31.31 -2.37 0.00	28.36 -2.13 0.00	26.62 -2.53 0.00	18.81 -2.12 0.00	9.47 -2.24 7.00	8.81 -2.58 10.95	15.77 -3.89 13.08	17.55 -4.14 13.70	18.65 -4.46 14.05	22.76 -4.55 10.79	20.85 -4.46 12.31	19.00 -4.62 14.26	25.44 -6.07 16.38	33.08 -6.71 18.02	28.14 -5.82 16.29	25.02 -5.17 15.56	19.95 -4.42 14.39	33.53 -4.28 0.67	31.42 -4.14 3.06	21.03 -3.93 9.38
GE_PLASTICS___DRP 24183	42.83 1.03 0.00	38.92 0.96 0.00	37.25 0.87 0.00	33.39 0.72 0.00	34.42 0.74 0.00	31.15 0.65 0.00	29.80 0.66 0.00	21.45 0.52 0.00	19.27 0.55 0.00	22.95 0.62 0.00	33.73 0.99 0.00	36.45 1.07 0.00	38.33 1.16 0.00	39.31 1.21 0.00	38.92 1.29 0.00	39.11 1.24 0.00	49.53 1.63 0.00	59.76 1.95 0.00	51.97 1.71 0.00	47.27 1.51 0.00	40.11 1.35 0.00	39.78 1.30 0.00	39.95 1.33 0.00	35.65 1.30 0.00
GILBOA___1 23756	42.52 0.71 0.00	38.63 0.67 0.00	36.98 0.61 0.00	33.16 0.48 0.00	34.16 0.47 0.00	30.95 0.45 0.00	29.59 0.44 0.00	21.29 0.36 0.00	19.11 0.38 0.00	22.74 0.40 0.00	33.41 0.67 0.00	36.11 0.73 0.00	37.96 0.78 0.00	38.95 0.85 0.00	38.61 0.98 0.00	38.90 1.03 0.00	49.25 1.35 0.00	59.41 1.60 0.00	51.65 1.39 0.00	47.05 1.29 0.00	39.91 1.16 0.00	39.61 1.13 0.00	39.75 1.13 0.00	35.34 1.00 0.00
GILBOA___2 23757	42.52 0.71 0.00	38.63 0.67 0.00	36.98 0.61 0.00	33.16 0.48 0.00	34.16 0.47 0.00	30.95 0.45 0.00	29.59 0.44 0.00	21.29 0.36 0.00	19.11 0.38 0.00	22.74 0.40 0.00	33.41 0.67 0.00	36.11 0.73 0.00	37.96 0.78 0.00	38.95 0.85 0.00	38.61 0.98 0.00	38.90 1.03 0.00	49.25 1.35 0.00	59.41 1.60 0.00	51.65 1.39 0.00	47.05 1.29 0.00	39.91 1.16 0.00	39.61 1.13 0.00	39.75 1.13 0.00	35.34 1.00 0.00

GILBOA___3 23758	42.52 0.71 0.00	38.63 0.67 0.00	36.98 0.61 0.00	33.16 0.48 0.00	34.16 0.47 0.00	30.95 0.45 0.00	29.59 0.44 0.00	21.29 0.36 0.00	19.11 0.38 0.00	22.74 0.40 0.00	33.41 0.67 0.00	36.11 0.73 0.00	37.96 0.78 0.00	38.95 0.85 0.00	38.61 0.98 0.00	38.90 1.03 0.00	49.25 1.35 0.00	59.41 1.60 0.00	51.65 1.39 0.00	47.05 1.29 0.00	39.91 1.16 0.00	39.61 1.13 0.00	39.75 1.13 0.00	35.34 1.00 0.00
GILBOA___4 23759	42.52 0.71 0.00	38.63 0.67 0.00	36.98 0.61 0.00	33.16 0.48 0.00	34.16 0.47 0.00	30.95 0.45 0.00	29.59 0.44 0.00	21.29 0.36 0.00	19.11 0.38 0.00	22.74 0.40 0.00	33.41 0.67 0.00	36.11 0.73 0.00	37.96 0.78 0.00	38.95 0.85 0.00	38.61 0.98 0.00	38.90 1.03 0.00	49.25 1.35 0.00	59.41 1.60 0.00	51.65 1.39 0.00	47.05 1.29 0.00	39.91 1.16 0.00	39.61 1.13 0.00	39.75 1.13 0.00	35.34 1.00 0.00
GILBOA___ 23599	42.52 0.71 0.00	38.64 0.67 0.00	36.98 0.61 0.00	33.15 0.48 0.00	34.16 0.47 0.00	30.94 0.45 0.00	29.59 0.44 0.00	21.29 0.36 0.00	19.11 0.38 0.00	22.74 0.41 0.00	33.41 0.67 0.00	36.12 0.74 0.00	37.96 0.79 0.00	38.96 0.86 0.00	38.61 0.99 0.00	38.91 1.04 0.00	49.28 1.38 0.00	59.41 1.61 0.00	51.65 1.40 0.00	47.05 1.29 0.00	39.92 1.16 0.00	39.61 1.13 0.00	39.76 1.13 0.00	35.35 1.00 0.00
GINNA___ 23603	38.13 -3.67 0.00	34.65 -3.32 0.00	33.27 -3.10 0.00	30.06 -2.62 0.00	30.81 -2.87 0.00	27.95 -2.55 0.00	26.53 -2.62 0.00	18.93 -2.00 0.00	16.76 -1.96 0.00	20.04 -2.30 0.00	29.29 -3.45 0.00	31.73 -3.66 0.00	33.31 -3.86 0.00	34.15 -3.95 0.00	33.76 -3.87 0.00	33.95 -3.92 0.00	42.86 -5.04 0.00	52.00 -5.80 0.00	45.16 -5.09 0.00	41.10 -4.66 0.00	34.76 -4.00 0.00	34.54 -3.94 0.00	34.67 -3.96 0.00	30.67 -3.67 0.00
GLEN PARK___ 23778	41.09 -0.71 0.00	36.94 -1.02 0.00	35.20 -1.18 0.00	32.06 -0.61 0.00	33.43 -0.25 0.00	30.47 -0.03 0.00	29.22 0.07 0.00	21.05 0.12 0.00	18.84 0.12 0.00	22.61 0.27 0.00	33.12 0.38 0.00	35.73 0.34 0.00	37.21 0.04 0.00	37.99 -0.11 0.00	36.58 -1.05 0.00	36.77 -1.11 0.00	46.65 -1.25 0.00	56.28 -1.53 0.00	48.81 -1.44 0.00	44.31 -1.45 0.00	37.38 -1.39 0.00	36.86 -1.62 0.00	36.85 -1.77 0.00	32.70 -1.64 0.00
GLENDALE_27_KV_LOAD 356172	43.66 1.86 0.00	39.71 1.75 0.00	37.90 1.53 0.00	33.95 1.27 0.00	34.96 1.27 0.00	31.71 1.22 0.00	30.41 1.26 0.00	21.93 1.00 0.00	19.70 0.97 0.00	23.33 0.99 0.00	34.49 1.75 0.00	37.25 1.87 0.00	39.12 1.95 0.00	40.27 2.17 0.00	40.11 2.48 0.00	40.44 2.57 0.00	51.22 3.32 0.00	61.75 3.94 0.00	53.83 3.58 0.00	49.00 3.24 0.00	41.63 2.87 0.00	41.32 2.84 0.00	41.58 2.96 0.00	36.83 2.49 -0.01
GLENWOOD_IC_1_G5 23712	43.66 1.85 0.00	39.71 1.75 0.00	37.87 1.49 0.00	33.95 1.28 0.00	35.01 1.33 0.00	31.81 1.31 0.00	30.49 1.34 0.00	21.99 1.05 0.00	19.73 1.00 0.00	23.29 0.96 0.00	34.47 1.74 0.00	37.22 1.83 0.00	39.28 2.11 0.00	40.46 2.36 0.00	59.78 2.74 -19.42	63.20 2.80 -22.53	52.74 3.57 -1.27	67.66 4.26 -5.59	54.07 3.81 -0.01	51.79 3.43 -2.60	62.16 3.05 -20.35	62.13 3.02 -20.63	41.64 3.02 0.00	36.86 2.52 0.00
GLENWOOD_IC_2_G1 23688	43.48 1.68 0.00	39.56 1.59 0.00	37.74 1.36 0.00	33.83 1.15 0.00	34.88 1.19 0.00	31.66 1.16 0.00	30.34 1.19 0.00	21.87 0.94 0.00	19.63 0.91 0.00	23.22 0.88 0.00	34.32 1.59 0.00	37.06 1.67 0.00	39.07 1.90 0.00	40.23 2.13 0.00	40.92 2.47 -0.83	41.36 2.52 -0.97	51.20 3.24 -0.05	61.92 3.87 -0.24	53.72 3.46 0.00	49.00 3.13 -0.11	42.42 2.78 -0.87	42.12 2.76 -0.88	41.41 2.78 0.00	36.67 2.33 0.00
GLENWOOD_IC_3_G1 23689	43.48 1.68 0.00	39.56 1.59 0.00	37.74 1.36 0.00	33.83 1.15 0.00	34.88 1.19 0.00	31.66 1.16 0.00	30.34 1.19 0.00	21.87 0.94 0.00	19.63 0.91 0.00	23.22 0.88 0.00	34.32 1.59 0.00	37.06 1.67 0.00	39.07 1.90 0.00	40.23 2.13 0.00	40.92 2.47 -0.83	41.36 2.52 -0.97	51.20 3.24 -0.05	61.92 3.87 -0.24	53.72 3.46 0.00	49.00 3.13 -0.11	42.42 2.78 -0.87	42.12 2.76 -0.88	41.41 2.78 0.00	36.67 2.33 0.00
GLENWOOD___4 23550	43.66 1.85 0.00	39.71 1.75 0.00	37.87 1.49 0.00	33.95 1.28 0.00	35.01 1.33 0.00	31.81 1.31 0.00	30.49 1.34 0.00	21.99 1.05 0.00	19.73 1.00 0.00	23.29 0.96 0.00	34.47 1.74 0.00	37.22 1.83 0.00	39.28 2.11 0.00	40.46 2.36 0.00	59.78 2.74 -19.42	63.20 2.80 -22.53	52.74 3.57 -1.27	67.66 4.26 -5.59	54.07 3.81 -0.01	51.79 3.43 -2.60	62.16 3.05 -20.35	62.13 3.02 -20.63	41.64 3.02 0.00	36.86 2.52 0.00
GLENWOOD___5 23614	43.66 1.85 0.00	39.71 1.75 0.00	37.87 1.49 0.00	33.95 1.28 0.00	35.01 1.33 0.00	31.81 1.31 0.00	30.49 1.34 0.00	21.99 1.05 0.00	19.73 1.00 0.00	23.29 0.96 0.00	34.47 1.74 0.00	37.22 1.83 0.00	39.28 2.11 0.00	40.46 2.36 0.00	59.78 2.74 -19.42	63.20 2.80 -22.53	52.74 3.57 -1.27	67.66 4.26 -5.59	54.07 3.81 -0.01	51.79 3.43 -2.60	62.16 3.05 -20.35	62.13 3.02 -20.63	41.64 3.02 0.00	36.86 2.52 0.00
GLOBAL GREEN_PORT_GT1 23814	42.75 0.95 0.00	38.82 0.86 0.00	36.92 0.54 0.00	33.44 0.76 0.00	35.39 1.71 0.00	32.52 2.03 0.00	31.24 2.10 0.00	22.31 1.38 0.00	19.96 1.23 0.00	22.98 0.64 0.00	33.91 1.18 0.00	36.47 1.08 0.00	38.64 1.47 0.00	40.30 2.20 0.00	52.25 3.41 -11.22	54.52 3.64 -13.01	52.58 3.95 -0.73	66.07 5.03 -3.23	54.28 4.03 0.00	50.86 3.60 -1.50	53.88 3.36 -11.75	53.87 3.48 -11.92	41.85 3.23 0.00	36.92 2.58 0.00
GLOBE___DSASP 323697	37.15 -4.66 0.00	33.74 -4.22 0.00	32.60 -3.78 0.00	29.69 -2.99 0.00	30.23 -3.45 0.00	27.42 -3.08 0.00	25.71 -3.44 0.00	18.15 -2.78 0.00	10.53 -2.81 5.39	10.72 -3.25 8.38	17.67 -5.09 9.97	19.50 -5.44 10.45	20.64 -5.81 10.72	23.93 -5.94 8.23	22.37 -5.87 9.39	20.94 -6.05 10.88	27.46 -7.93 12.50	35.08 -8.99 13.75	29.94 -7.89 12.43	26.85 -7.03 11.87	21.84 -5.94 10.98	32.24 -5.73 0.51	30.80 -5.47 2.35	22.05 -5.09 7.21
GOETHSLN___LBMP 323567	43.10 1.30 0.00	39.22 1.26 0.00	37.44 1.07 0.00	33.53 0.85 0.00	34.53 0.85 0.00	31.33 0.83 0.00	30.04 0.90 0.00	21.67 0.73 0.00	19.45 0.73 0.00	23.04 0.70 0.00	34.03 1.30 0.00	36.77 1.38 0.00	38.62 1.45 0.00	39.74 1.64 0.00	39.59 1.97 0.00	39.92 2.05 0.00	50.60 2.70 0.00	61.01 3.20 0.00	53.16 2.90 0.00	48.35 2.59 0.00	41.08 2.32 0.00	40.76 2.28 0.00	40.99 2.37 0.00	36.32 1.97 0.00
GOLAH___69_KV_TB 1_2 80279	39.61 -2.20 0.00	35.95 -2.01 0.00	34.57 -1.81 0.00	31.27 -1.40 0.00	32.02 -1.67 0.00	29.03 -1.47 0.00	27.48 -1.67 0.00	19.57 -1.36 0.00	17.30 -1.45 -0.02	20.70 -1.65 -0.01	30.23 -2.51 0.00	32.72 -2.67 0.00	34.31 -2.86 0.00	35.18 -2.92 0.00	34.75 -2.88 0.00	34.90 -2.98 0.00	44.06 -3.84 -0.01	53.66 -4.15 0.00	46.58 -3.68 -0.01	42.45 -3.31 -0.01	35.86 -2.91 -0.01	35.72 -2.77 0.00	35.89 -2.74 -0.01	31.71 -2.66 -0.02

GOODYEAR_LAKE_HYD 323669	42.70 0.90 0.00	38.81 0.85 0.00	37.26 0.88 0.00	33.45 0.78 0.00	34.47 0.79 0.00	31.25 0.76 0.00	29.86 0.71 0.00	21.44 0.51 0.00	19.16 0.43 0.00	22.83 0.50 0.00	33.48 0.75 0.00	36.15 0.76 0.00	37.91 0.74 0.00	38.91 0.81 0.00	38.54 0.92 0.00	38.88 1.00 0.00	49.22 1.32 0.00	59.42 1.61 0.00	51.67 1.41 0.00	47.03 1.27 0.00	39.81 1.05 0.00	39.47 0.99 0.00	39.53 0.91 0.00	35.05 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.09 -0.71 0.00	37.36 -0.60 0.00	35.83 -0.54 0.00	32.11 -0.56 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.41 0.00	18.31 -0.41 0.00	21.84 -0.49 0.00	31.90 -0.83 0.00	34.54 -0.85 0.00	36.25 -0.93 0.00	37.22 -0.88 0.00	36.91 -0.72 0.00	37.20 -0.67 0.00	46.95 -0.95 0.00	56.66 -1.14 0.00	49.37 -0.88 0.00	44.97 -0.79 0.00	38.06 -0.70 0.00	37.83 -0.65 0.00	37.91 -0.71 0.00	33.70 -0.64 0.00
GOUDEY___7 23579	41.09 -0.71 0.00	37.36 -0.60 0.00	35.83 -0.54 0.00	32.11 -0.56 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.41 0.00	18.31 -0.41 0.00	21.84 -0.49 0.00	31.90 -0.83 0.00	34.54 -0.85 0.00	36.25 -0.93 0.00	37.22 -0.88 0.00	36.91 -0.72 0.00	37.20 -0.67 0.00	46.95 -0.95 0.00	56.66 -1.14 0.00	49.37 -0.88 0.00	44.97 -0.79 0.00	38.06 -0.70 0.00	37.83 -0.65 0.00	37.91 -0.71 0.00	33.70 -0.64 0.00
GOUDEY___8 23580	41.09 -0.71 0.00	37.36 -0.60 0.00	35.83 -0.54 0.00	32.11 -0.56 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.41 0.00	18.31 -0.41 0.00	21.84 -0.49 0.00	31.90 -0.83 0.00	34.54 -0.85 0.00	36.25 -0.93 0.00	37.22 -0.88 0.00	36.91 -0.72 0.00	37.20 -0.67 0.00	46.95 -0.95 0.00	56.66 -1.14 0.00	49.37 -0.88 0.00	44.97 -0.79 0.00	38.06 -0.70 0.00	37.83 -0.65 0.00	37.91 -0.71 0.00	33.70 -0.64 0.00
GOWANUS_GT1_1 24077	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT1_2 24078	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT1_3 24079	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT1_4 24080	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT1_5 24084	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT1_6 24111	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT1_7 24112	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT1_8 24113	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT2_1 24114	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT2_2 24115	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT2_3 24116	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29

GOWANUS_GT2_4 24117	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT2_5 24118	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT2_6 24119	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT2_7 24120	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT2_8 24121	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT3_1 24122	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT3_2 24123	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.1			

GOWANUS_GT4_3 24132	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT4_4 24133	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT4_5 24134	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT4_6 24135	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT4_7 24136	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GOWANUS_GT4_8 24137	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GREENBSH_115KV_TB3 55895	42.91 1.10 0.00	38.98 1.02 0.00	37.31 0.93 0.00	33.43 0.76 0.00	34.46 0.78 0.00	31.20 0.70 0.00	29.85 0.70 0.00	21.49 0.55 0.00	19.33 0.60 0.00	23.01 0.68 0.00	33.83 1.09 0.00	36.55 1.17 0.00	38.45 1.28 0.00	39.43 1.33 0.00	39.02 1.40 0.00	39.14 1.27 0.00	49.59 1.69 0.00	59.83 2.02 0.00	52.02 1.76 0.00	47.31 1.55 0.00	40.15 1.39 0.00	39.81 1.33 0.00	40.00 1.37 0.00	35.77 1.43 0.00
GREENDGE_115KV_TB5 80291	40.43 -1.37 0.00	36.80 -1.16 0.00	35.36 -1.02 0.00	31.73 -0.94 0.00	32.58 -1.10 0.00	29.56 -0.94 0.00	28.03 -1.12 0.00	20.03 -0.90 0.00	28.73 -0.99 -11.00	38.34 -1.12 -17.12	51.18 -1.96 -20.40	54.68 -2.08 -21.37	56.88 -2.22 -21.92	52.73 -2.20 -16.83	54.80 -2.04 -19.20	58.12 -1.99 -22.24	70.83 -2.63 -25.56	82.95 -2.97 -28.11	73.17 -2.51 -25.42	67.78 -2.26 -24.28	59.23 -1.99 -22.45	37.87 -1.65 -1.05	41.64 -1.79 -4.81	47.24 -1.82 -14.72
GREENIDGE___3 23582	40.43 -1.37 0.00	36.80 -1.16 0.00	35.36 -1.02 0.00	31.73 -0.94 0.00	32.58 -1.10 0.00	29.56 -0.94 0.00	28.03 -1.12 0.00	20.03 -0.90 0.00	28.73 -0.99 -11.00	38.34 -1.12 -17.12	51.18 -1.96 -20.40	54.68 -2.08 -21.37	56.88 -2.22 -21.92	52.73 -2.20 -16.83	54.80 -2.04 -19.20	58.12 -1.99 -22.24	70.83 -2.63 -25.56	82.95 -2.97 -28.11	73.17 -2.51 -25.42	67.78 -2.26 -24.28	59.23 -1.99 -22.45	37.87 -1.65 -1.05	41.64 -1.79 -4.81	47.24 -1.82 -14.72
GREENIDGE___4 23583	40.43 -1.37 0.00	36.80 -1.16 0.00	35.36 -1.02 0.00	31.73 -0.94 0.00	32.58 -1.10 0.00	29.55 -0.94 0.00	28.03 -1.12 0.00	20.03 -0.90 0.00	28.73 -0.99 -11.00	38.34 -1.12 -17.12	51.19 -1.95 -20.40	54.69 -2.07 -21.37	56.89 -2.20 -21.92	52.74 -2.19 -16.83	54.80 -2.03 -19.20	58.13 -1.98 -22.24	70.84 -2.62 -25.56	82.96 -2.96 -28.11	73.21 -2.47 -25.42	67.79 -2.25 -24.28	59.24 -1.97 -22.45	37.88 -1.65 -1.05	41.65 -1.78 -4.81	47.25 -1.81 -14.72
GREENLWN_69_KV_BK 3 55738	43.41 1.61 0.00	39.49 1.53 0.00	37.60 1.22 0.00	33.78 1.11 0.00	34.89 1.21 0.00	31.79 1.29 0.00	30.48 1.33 0.00	22.00 1.06 0.00	19.71 0.99 0.00	23.13 0.79 0.00	34.34 1.60 0.00	37.01 1.62 0.00	39.23 2.06 0.00	40.51 2.41 0.00	51.99 2.89 -11.48	54.18 2.99 -13.31	52.18 3.53 -0.75	65.29 4.19 -3.30	53.99 3.74 0.00	50.64 3.35 -1.54	53.85 3.06 -12.03	53.76 3.08 -12.19	41.65 3.03 0.00	36.86 2.51 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
GRISSOM___SOLAR 323813	43.66 1.86 0.00	39.62 1.66 0.00	38.08 1.70 0.00	34.20 1.53 0.00	35.25 1.57 0.00	31.94 1.45 0.00	30.56 1.41 0.00	21.97 1.03 0.00	19.64 0.92 0.00	23.42 1.08 0.00	34.41 1.67 0.00	37.14 1.75 0.00	39.05 1.88 0.00	39.97 1.88 0.00	39.48 1.85 0.00	39.86 1.99 0.00	50.56 2.66 0.00	61.06 3.25 0.00	53.07 2.82 0.00	48.27 2.51 0.00	40.83 2.07 0.00	40.44 1.96 0.00	40.51 1.89 0.00	35.91 1.56 0.00
GROVEVILLE___HYD 323602	43.72 1.91 0.00	39.72 1.76 0.00	37.93 1.56 0.00	33.97 1.30 0.00	35.01 1.32 0.00	31.73 1.24 0.00	30.39 1.24 0.00	21.91 0.98 0.00	19.68 0.96 0.00	23.37 1.03 0.00	34.46 1.72 0.00	37.28 1.89 0.00	39.24 2.07 0.00	40.35 2.25 0.00	40.15 2.53 0.00	40.52 2.65 0.00	51.42 3.52 0.00	62.09 4.28 0.00	54.06 3.80 0.00	49.17 3.41 0.00	41.73 2.97 0.00	41.37 2.89 0.00	41.49 2.87 0.00	36.75 2.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.07 -0.74 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.12 -0.55 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.64 -0.51 0.00	20.54 -0.39 0.00	18.30 -0.43 0.00	21.85 -0.49 0.00	31.91 -0.83 0.00	34.50 -0.88 0.00	36.25 -0.92 0.00	37.19 -0.90 0.00	36.76 -0.87 0.00	37.06 -0.81 0.00	46.85 -1.05 0.00	56.64 -1.17 0.00	49.24 -1.01 0.00	44.80 -0.96 0.00	37.93 -0.83 0.00	37.66 -0.82 0.00	37.74 -0.88 0.00	33.57 -0.78 0.00

HAMLTNNY_34_KV_TB 80303	40.96 -0.84 0.00	37.24 -0.73 0.00	35.69 -0.69 0.00	32.05 -0.62 0.00	33.01 -0.68 0.00	29.93 -0.57 0.00	28.56 -0.59 0.00	20.48 -0.45 0.00	18.24 -0.49 0.00	21.78 -0.56 0.00	31.81 -0.93 0.00	34.40 -0.99 0.00	36.14 -1.03 0.00	37.08 -1.01 0.00	36.67 -0.96 0.00	36.96 -0.91 0.00	46.72 -1.18 0.00	56.51 -1.30 0.00	49.14 -1.12 0.00	44.71 -1.05 0.00	37.85 -0.91 0.00	37.59 -0.89 0.00	37.66 -0.96 0.00	33.48 -0.87 0.00
HAMPSHIRE___PAPER_HYD 323593	41.11 -0.69 0.00	37.15 -0.81 0.00	35.52 -0.85 0.00	32.23 -0.45 0.00	33.49 -0.18 0.00	30.32 -0.18 0.00	28.94 -0.21 0.00	20.79 -0.14 0.00	18.63 -0.09 0.00	22.48 0.14 0.00	32.98 0.24 0.00	35.61 0.23 0.00	37.23 0.05 0.00	37.99 -0.11 0.00	36.87 -0.76 0.00	36.77 -1.10 0.00	46.51 -1.39 0.00	56.01 -1.80 0.00	48.57 -1.68 0.00	44.17 -1.59 0.00	37.26 -1.50 0.00	36.88 -1.61 0.00	37.10 -1.53 0.00	33.04 -1.30 0.00
HARDSCRABBLE_WT_PWR 323673	41.12 -0.68 0.00	37.45 -0.51 0.00	36.39 0.02 0.00	32.56 -0.11 0.00	33.50 -0.18 0.00	30.38 -0.11 0.00	29.06 -0.09 0.00	20.92 -0.01 0.00	18.91 0.19 0.00	22.55 0.21 0.00	33.15 0.41 0.00	35.78 0.39 0.00	37.40 0.23 0.00	38.10 0.01 0.00	37.62 -0.01 0.00	37.95 0.08 0.00	48.21 0.31 0.00	58.23 0.43 0.00	50.59 0.34 0.00	46.01 0.25 0.00	39.02 0.26 0.00	38.66 0.18 0.00	38.71 0.09 0.00	34.41 0.06 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.02 1.21 0.00	39.11 1.15 0.00	37.37 0.99 0.00	33.47 0.79 0.00	34.46 0.78 0.00	31.24 0.74 0.00	29.89 0.75 0.00	21.55 0.62 0.00	19.33 0.61 0.00	22.98 0.65 0.00	33.84 1.10 0.00	36.61 1.23 0.00	38.54 1.36 0.00	39.68 1.58 0.00	39.48 1.86 0.00	39.98 2.11 0.00	50.70 2.80 0.00	61.20 3.39 0.00	53.28 3.02 0.00	48.47 2.70 0.00	41.15 2.39 0.00	40.81 2.33 0.00	40.91 2.29 0.00	36.21 1.86 0.00
HARSNRAD_115KV_TB1 81005	37.84 -3.97 0.00	34.38 -3.58 0.00	33.20 -3.17 0.00	30.20 -2.48 0.00	30.74 -2.94 0.00	27.89 -2.60 0.00	26.15 -3.00 0.00	18.48 -2.45 0.00	10.95 -2.50 5.27	11.18 -2.86 8.29	18.45 -4.34 9.94	20.34 -4.63 10.42	21.51 -4.98 10.68	24.77 -5.12 8.20	23.19 -5.08 9.36	21.75 -5.28 10.84	28.49 -6.95 12.46	36.38 -7.72 13.71	31.08 -6.78 12.39	27.87 -6.05 11.84	22.65 -5.18 10.93	32.98 -5.00 0.50	31.53 -4.78 2.31	22.77 -4.52 7.06
HARZA MOOSE___RIVER 24016	41.52 -0.29 0.00	37.60 -0.36 0.00	36.00 -0.37 0.00	32.63 -0.04 0.00	33.93 0.25 0.00	30.84 0.34 0.00	29.54 0.39 0.00	21.25 0.32 0.00	19.03 0.31 0.00	22.79 0.45 0.00	33.39 0.66 0.00	36.05 0.67 0.00	37.69 0.52 0.00	38.50 0.40 0.00	37.48 -0.15 0.00	37.72 -0.15 0.00	47.77 -0.13 0.00	57.46 -0.34 0.00	49.84 -0.42 0.00	45.31 -0.45 0.00	38.29 -0.47 0.00	37.88 -0.60 0.00	37.94 -0.68 0.00	33.71 -0.64 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.81 -0.99 0.00	37.09 -0.87 0.00	35.55 -0.83 0.00	31.94 -0.74 0.00	32.88 -0.81 0.00	29.82 -0.68 0.00	28.46 -0.69 0.00	20.40 -0.53 0.00	18.17 -0.55 0.00	21.69 -0.65 0.00	31.68 -1.06 0.00	34.26 -1.13 0.00	35.98 -1.18 0.00	36.92 -1.18 0.00	36.50 -1.13 0.00	36.79 -1.09 0.00	46.51 -1.39 0.00	56.22 -1.59 0.00	48.88 -1.38 0.00	44.48 -1.29 0.00	37.66 -1.10 0.00	37.40 -1.08 0.00	37.48 -1.14 0.00	33.35 -1.00 0.00
HELLGATE_13_KV_LD 55870	43.48 1.68 0.00	39.56 1.60 0.00	37.76 1.39 0.00	33.82 1.15 0.00	34.83 1.14 0.00	31.60 1.10 0.00	30.30 1.15 0.00	21.85 0.91 0.00	19.62 0.89 0.00	23.24 0.90 0.00	34.37 1.63 0.00	37.12 1.73 0.00	38.95 1.78 0.00	40.09 1.99 0.00	39.93 2.30 0.00	40.27 2.39 0.00	50.98 3.08 0.00	61.47 3.66 0.00	53.58 3.33 0.00	48.77 3.01 0.00	41.43 2.68 0.00	41.14 2.66 0.00	41.42 2.80 0.00	36.69 2.35 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.48 1.68 0.00	39.56 1.60 0.00	37.76 1.39 0.00	33.82 1.15 0.00	34.83 1.14 0.00	31.60 1.10 0.00	30.30 1.15 0.00	21.85 0.91 0.00	19.62 0.89 0.00	23.24 0.90 0.00	34.37 1.63 0.00	37.12 1.73 0.00	38.95 1.78 0.00	40.09 1.99 0.00	39.93 2.30 0.00	40.27 2.39 0.00	50.98 3.08 0.00	61.47 3.66 0.00	53.58 3.33 0.00	48.77 3.01 0.00	41.43 2.68 0.00	41.14 2.66 0.00	41.42 2.80 0.00	36.69 2.35 -0.01
HEMPSTEAD____ 23647	43.57 1.76 0.00	39.64 1.68 0.00	37.77 1.40 0.00	33.89 1.22 0.00	34.97 1.29 0.00	31.81 1.32 0.00	30.49 1.34 0.00	21.98 1.05 0.00	19.70 0.98 0.00	23.20 0.87 0.00	34.38 1.64 0.00	37.07 1.69 0.00	39.22 2.05 0.00	40.46 2.36 0.00	57.13 2.76 -16.74	60.12 2.83 -19.43	52.57 3.58 -1.09	66.88 4.26 -4.82	54.06 3.80 0.00	51.42 3.42 -2.24	59.37 3.06 -17.55	59.32 3.05 -17.79	41.64 3.02 0.00	36.84 2.49 0.00
HEWLETT_69_KV_BK3 55828	43.87 2.06 0.00	39.92 1.95 0.00	38.03 1.65 0.00	34.13 1.46 0.00	35.20 1.52 0.00	32.03 1.53 0.00	30.70 1.55 0.00	22.11 1.18 0.00	19.83 1.11 0.00	23.35 1.02 0.00	34.66 1.93 0.00	37.37 1.99 0.00	39.57 2.40 0.00	40.79 2.69 0.00	58.86 3.07 -18.16	62.11 3.17 -21.07	53.06 3.97 -1.18	67.73 4.70 -5.22	54.49 4.23 0.00	51.98 3.79 -2.43	61.15 3.36 -19.03	61.14 3.36 -19.29	41.96 3.34 0.00	37.14 2.80 0.00
HICKLING___1 23621	40.12 -1.68 0.00	36.56 -1.40 0.00	35.16 -1.21 0.00	31.46 -1.21 0.00	32.32 -1.37 0.00	29.29 -1.20 0.00	27.78 -1.37 0.00	19.88 -1.05 0.00	21.55 -1.11 -3.93	27.16 -1.30 -6.12	37.92 -2.12 -7.30	40.89 -2.14 -7.65	42.72 -2.29 -7.84	41.86 -2.26 -6.02	42.51 -1.98 -6.87	43.89 -1.94 -7.96	54.37 -2.67 -9.14	64.67 -3.19 -10.06	56.80 -2.55 -9.09	52.15 -2.30 -8.69	44.79 -2.00 -8.03	37.02 -1.83 -0.37	38.34 -2.00 -1.72	37.82 -1.79 -5.27
HICKLING___2 23622	40.12 -1.68 0.00	36.56 -1.40 0.00	35.16 -1.21 0.00	31.46 -1.21 0.00	32.32 -1.37 0.00	29.29 -1.20 0.00	27.78 -1.37 0.00	19.88 -1.05 0.00	21.55 -1.11 -3.93	27.16 -1.30 -6.12	37.92 -2.12 -7.30	40.89 -2.14 -7.65	42.72 -2.29 -7.84	41.86 -2.26 -6.02	42.51 -1.98 -6.87	43.89 -1.94 -7.96	54.37 -2.67 -9.14	64.67 -3.19 -10.06	56.80 -2.55 -9.09	52.15 -2.30 -8.69	44.79 -2.00 -8.03	37.02 -1.83 -0.37	38.34 -2.00 -1.72	37.82 -1.79 -5.27
HIGH FALLS___HY 23754	43.90 2.10 0.00	39.84 1.88 0.00	38.03 1.66 0.00	34.05 1.37 0.00	35.06 1.38 0.00	31.80 1.30 0.00	30.45 1.30 0.00	21.97 1.04 0.00	19.72 1.00 0.00	23.41 1.08 0.00	34.50 1.77 0.00	37.35 1.97 0.00	39.34 2.17 0.00	40.50 2.40 0.00	40.38 2.75 0.00	40.91 3.04 0.00	51.94 4.04 0.00	62.79 4.98 0.00	54.66 4.40 0.00	49.72 3.96 0.00	42.17 3.41 0.00	41.76 3.28 0.00	41.84 3.22 0.00	36.93 2.58 0.00
HIGH_RIVER___SOLAR 323847	43.12 1.31 0.00	39.14 1.18 0.00	37.56 1.19 0.00	33.72 1.04 0.00	34.74 1.06 0.00	31.47 0.97 0.00	30.10 0.95 0.00	21.64 0.71 0.00	19.39 0.66 0.00	23.08 0.75 0.00	33.91 1.17 0.00	36.63 1.25 0.00	38.51 1.34 0.00	39.43 1.33 0.00	38.98 1.36 0.00	39.37 1.50 0.00	49.90 2.01 0.00	60.25 2.45 0.00	52.36 2.11 0.00	47.64 1.88 0.00	40.35 1.59 0.00	40.01 1.53 0.00	40.13 1.51 0.00	35.62 1.28 0.00

HILLBURN___GT 23639	42.90 1.09 0.00	39.02 1.06 0.00	37.28 0.90 0.00	33.38 0.71 0.00	34.37 0.69 0.00	31.16 0.66 0.00	29.82 0.67 0.00	21.51 0.58 0.00	19.29 0.56 0.00	22.91 0.57 0.00	33.77 1.04 0.00	36.51 1.12 0.00	38.41 1.23 0.00	39.56 1.46 0.00	39.38 1.76 0.00	39.88 2.00 0.00	50.57 2.68 0.00	61.03 3.22 0.00	53.15 2.89 0.00	48.37 2.61 0.00	41.07 2.32 0.00	40.75 2.26 0.00	40.87 2.24 0.00	36.17 1.83 0.00
HILLSIDE_115KV_TB1 80332	39.85 -1.95 0.00	36.28 -1.68 0.00	34.87 -1.51 0.00	31.15 -1.52 0.00	32.04 -1.64 0.00	29.06 -1.44 0.00	27.63 -1.51 0.00	19.84 -1.09 0.00	21.13 -1.09 -3.49	26.49 -1.29 -5.44	37.13 -2.08 -6.48	40.06 -2.11 -6.79	41.86 -2.27 -6.96	41.21 -2.23 -5.34	41.78 -1.95 -6.10	43.03 -1.91 -7.06	53.34 -2.68 -8.12	63.47 -3.27 -8.93	55.74 -2.59 -8.07	51.15 -2.33 -7.71	43.88 -2.02 -7.13	36.96 -1.86 -0.33	38.16 -1.99 -1.53	37.26 -1.76 -4.68
HISHELDN_WT_PWR 323625	38.40 -3.40 0.00	35.04 -2.92 0.00	33.86 -2.52 0.00	30.65 -2.03 0.00	31.23 -2.45 0.00	28.26 -2.24 0.00	26.44 -2.71 0.00	18.64 -2.29 0.00	-2.29 -2.36 18.66	-9.46 -2.73 29.07	-6.11 -4.20 34.65	-5.32 -4.41 36.30	-4.79 -4.72 37.24	4.59 -4.92 28.59	0.30 -4.71 32.62	-4.62 -4.71 37.78	-1.77 -6.25 43.42	2.98 -7.09 47.74	1.03 -6.05 43.18	-0.93 -5.45 41.24	-3.90 -4.53 38.13	32.16 -4.54 1.78	26.00 -4.46 8.16	5.21 -4.15 24.98
HOLTSVILLE_IC_1 23690	43.59 1.79 0.00	39.65 1.69 0.00	37.72 1.35 0.00	33.98 1.30 0.00	35.18 1.50 0.00	32.15 1.65 0.00	30.83 1.68 0.00	22.23 1.29 0.00	19.90 1.18 0.00	23.26 0.92 0.00	34.46 1.73 0.00	37.08 1.70 0.00	39.34 2.17 0.00	40.75 2.66 0.00	52.12 3.29 -11.19	54.30 3.44 -12.99	52.69 4.07 -0.73	65.90 4.87 -3.22	54.54 4.28 0.00	51.12 3.86 -1.50	54.02 3.53 -11.73	53.94 3.56 -11.90	42.06 3.44 0.00	37.15 2.81 0.00
HOLTSVILLE_IC_10 23699	43.74 1.93 0.00	39.77 1.80 0.00	37.82 1.44 0.00	34.07 1.40 0.00	35.30 1.62 0.00	32.28 1.78 0.00	30.97 1.82 0.00	22.32 1.38 0.00	19.98 1.26 0.00	23.32 0.99 0.00	34.54 1.80 0.00	37.17 1.78 0.00	39.45 2.28 0.00	40.91 2.81 0.00	52.42 3.51 -11.28	54.63 3.67 -13.08	52.97 4.34 -0.74	66.27 5.22 -3.24	54.82 4.56 0.00	51.37 4.10 -1.51	54.32 3.75 -11.82	54.24 3.78 -11.98	42.25 3.63 0.00	37.31 2.97 0.00
HOLTSVILLE_IC_2 23691	43.59 1.79 0.00	39.65 1.69 0.00	37.72 1.35 0.00	33.98 1.30 0.00	35.18 1.50 0.00	32.15 1.65 0.00	30.83 1.68 0.00	22.23 1.29 0.00	19.90 1.18 0.00	23.26 0.92 0.00	34.46 1.73 0.00	37.08 1.70 0.00	39.34 2.17 0.00	40.75 2.66 0.00	52.12 3.29 -11.19	54.30 3.44 -12.99	52.69 4.07 -0.73	65.90 4.87 -3.22	54.54 4.28 0.00	51.12 3.86 -1.50	54.02 3.53 -11.73	53.94 3.56 -11.90	42.06 3.44 0.00	37.15 2.81 0.00
HOLTSVILLE_IC_3 23692	43.59 1.79 0.00	39.65 1.69 0.00	37.72 1.35 0.00	33.98 1.30 0.00	35.18 1.50 0.00	32.15 1.65 0.00	30.83 1.68 0.00	22.23 1.29 0.00	19.90 1.18 0.00	23.26 0.92 0.00	34.46 1.73 0.00	37.08 1.70 0.00	39.34 2.17 0.00	40.75 2.66 0.00	52.12 3.29 -11.19	54.30 3.44 -12.99	52.69 4.07 -0.73	65.90 4.87 -3.22	54.54 4.28 0.00	51.12 3.86 -1.50	54.02 3.53 -11.73	53.94 3.56 -11.90	42.06 3.44 0.00	37.15 2.81 0.00
HOLTSVILLE_IC_4 23693	43.59 1.79 0.00	39.65 1.69 0.00	37.72 1.35 0.00	33.98 1.30 0.00	35.18 1.50 0.00	32.15 1.65 0.00	30.83 1.68 0.00	22.23 1.29 0.00	19.90 1.18 0.00	23.26 0.92 0.00	34.46 1.73 0.00	37.08 1.70 0.00	39.34 2.17 0.00	40.75 2.66 0.00	52.12 3.29 -11.19	54.30 3.44 -12.99	52.69 4.07 -0.73	65.90 4.87 -3.22	54.54 4.28 0.00	51.12 3.86 -1.50	54.02 3.53 -11.73	53.94 3.56 -11.90	42.06 3.44 0.00	37.15 2.81 0.00
HOLTSVILLE_IC_5 23694	43.59 1.79 0.00	39.65 1.69 0.00	37.72 1.35 0.00	33.98 1.30 0.00	35.18 1.50 0.00	32.15 1.65 0.00	30.83 1.68 0.00	22.23 1.29 0.00	19.90 1.18 0.00	23.26 0.92 0.00	34.46 1.73 0.00	37.08 1.70 0.00	39.34 2.17 0.00	40.75 2.66 0.00	52.12 3.29 -11.19	54.30 3.44 -12.99	52.69 4.07 -0.73	65.90 4.87 -3.22	54.54 4.28 0.00	51.12 3.86 -1.50	54.02 3.53 -11.73	53.94 3.56 -11.90	42.06 3.44 0.00	37.15 2.81 0.00
HOLTSVILLE_IC_6 23695	43.74 1.93 0.00	39.77 1.80 0.00	37.82 1.44 0.00	34.07 1.40 0.00	35.30 1.62 0.00	32.28 1.78 0.00	30.97 1.82 0.00	22.32 1.38 0.00	19.98 1.26 0.00	23.32 0.99 0.00	34.54 1.80 0.00	37.17 1.78 0.00	39.45 2.28 0.00	40.91 2.81 0.00	52.42 3.51 -11.28	54.63 3.67 -13.08	52.97 4.34 -0.74	66.27 5.22 -3.24	54.82 4.56 0.00	51.37 4.10 -1.51	54.32 3.75 -11.82	54.24 3.78 -11.98	42.25 3.63 0.00	37.31 2.97 0.00
HOLTSVILLE_IC_7 23696	43.74 1.93 0.00	39.77 1.80 0.00	37.82 1.44 0.00	34.07 1.40 0.00	35.30 1.62 0.00	32.28 1.78 0.00	30.97 1.82 0.00	22.32 1.38 0.00	19.98 1.26 0.00	23.32 0.99 0.00	34.54 1.80 0.00	37.17 1.78 0.00	39.45 2.28 0.00	40.91 2.81 0.00	52.42 3.51 -11.28	54.63 3.67 -13.08	52.97 4.34 -0.74	66.27 5.22 -3.24	54.82 4.56 0.00	51.37 4.10 -1.51	54.32 3.75 -11.82	54.24 3.78 -11.98	42.25 3.63 0.00	37.31 2.97 0.00
HOLTSVILLE_IC_8 23697	43.74 1.93 0.00	39.77 1.80 0.00	37.82 1.44 0.00	34.07 1.40 0.00	35.30 1.62 0.00	32.28 1.78 0.00	30.97 1.82 0.00	22.32 1.38 0.00	19.98 1.26 0.00	23.32 0.99 0.00	34.54 1.80 0.00	37.17 1.78 0.00	39.45 2.28 0.00	40.91 2.81 0.00	52.42 3.51 -11.28	54.63 3.67 -13.08	52.97 4.34 -0.74	66.27 5.22 -3.24	54.82 4.56 0.00	51.37 4.10 -1.51	54.32 3.75 -11.82	54.24 3.78 -11.98	42.25 3.63 0.00	37.31 2.97 0.00
HOLTSVILLE_IC_9 23698	43.74 1.93 0.00	39.77 1.80 0.00	37.82 1.44 0.00	34.07 1.40 0.00	35.30 1.62 0.00	32.28 1.78 0.00	30.97 1.82 0.00	22.32 1.38 0.00	19.98 1.26 0.00	23.32 0.99 0.00	34.54 1.80 0.00	37.17 1.78 0.00	39.45 2.28 0.00	40.91 2.81 0.00	52.42 3.51 -11.28	54.63 3.67 -13.08	52.97 4.34 -0.74	66.27 5.22 -3.24	54.82 4.56 0.00	51.37 4.10 -1.51	54.32 3.75 -11.82	54.24 3.78 -11.98	42.25 3.63 0.00	37.31 2.97 0.00
HOMER_HL_115KV_TB2 355744	39.76 -2.05 0.00	36.17 -1.79 0.00	34.86 -1.51 0.00	31.37 -1.31 0.00	32.11 -1.57 0.00	28.99 -1.50 0.00	27.42 -1.73 0.00	19.52 -1.41 0.00	16.06 -1.36 1.30	18.75 -1.54 2.05	27.94 -2.33 2.46	30.17 -2.64 2.58	31.58 -2.94 2.64	32.96 -3.11 2.03	32.52 -2.79 2.32	32.35 -2.84 2.68	41.13 -3.69 3.08	50.05 -4.37 3.39	43.44 -3.75 3.07	39.55 -3.28 2.93	33.24 -2.82 2.70	35.48 -2.87 0.12	35.56 -2.49 0.57	30.28 -2.32 1.74
HOWARD_WT_PWR 323690	39.58 -2.22 0.00	36.18 -1.78 0.00	34.93 -1.44 0.00	31.25 -1.42 0.00	32.02 -1.66 0.00	28.93 -1.57 0.00	26.99 -2.16 0.00	18.91 -2.03 0.00	38.45 -2.35 -22.07	53.93 -2.76 -34.35	69.34 -4.33 -40.93	73.75 -4.52 -42.88	76.44 -4.72 -43.99	67.00 -4.87 -33.77	71.62 -4.54 -38.54	78.02 -4.48 -44.63	93.45 -5.74 -51.30	107.49 -6.72 -56.40	95.53 -5.74 -51.01	89.37 -5.12 -48.73	79.47 -4.35 -45.06	36.38 -4.20 -2.10	44.13 -4.14 -9.65	60.19 -3.70 -29.55

HQ_GEN_CEDARS 23644	42.75 0.95 0.00	38.74 0.78 0.00	37.12 0.75 0.00	33.46 0.78 0.00	34.55 0.87 0.00	31.18 0.69 0.00	29.77 0.63 0.00	21.34 0.41 0.00	19.10 0.37 0.00	22.94 0.61 0.00	33.65 0.92 0.00	36.38 1.00 0.00	38.19 1.02 0.00	39.05 0.95 0.00	38.31 0.69 0.00	38.31 0.43 0.00	48.37 0.47 0.00	58.31 0.50 0.00	50.66 0.40 0.00	46.15 0.39 0.00	38.97 0.21 0.00	38.69 0.21 0.00	38.92 0.30 0.00	34.61 0.27 0.00
HQ_GEN_CEDARS_PROXY 323590	42.75 0.95 0.00	38.74 0.78 0.00	37.12 0.75 0.00	33.46 0.78 0.00	34.55 0.87 0.00	31.18 0.69 0.00	29.77 0.63 0.00	21.34 0.41 0.00	19.10 0.37 0.00	22.94 0.61 0.00	33.65 0.91 0.00	36.38 1.00 0.00	38.19 1.02 0.00	39.05 0.95 0.00	38.31 0.68 0.00	38.31 0.43 0.00	48.36 0.46 0.00	58.31 0.50 0.00	50.65 0.40 0.00	46.15 0.39 0.00	38.97 0.21 0.00	38.69 0.21 0.00	38.92 0.30 0.00	34.61 0.27 0.00
HQ_GEN_IMPORT 323601	42.25 0.45 0.00	38.33 0.37 0.00	36.72 0.35 0.00	33.04 0.36 0.00	34.09 0.40 0.00	30.81 0.31 0.00	29.46 0.31 0.00	21.13 0.20 0.00	18.90 0.17 0.00	22.60 0.26 0.00	33.15 0.41 0.00	35.83 0.45 0.00	37.62 0.45 0.00	38.51 0.42 0.00	37.90 0.28 0.00	38.04 0.17 0.00	48.05 0.15 0.00	57.93 0.16 0.04	50.37 0.11 0.00	45.91 0.15 0.00	38.82 0.06 0.00	38.54 0.06 0.00	38.71 0.09 0.00	34.42 0.08 0.00
HQ_GEN_WHEEL 23651	42.25 0.45 0.00	38.33 0.37 0.00	36.72 0.35 0.00	33.04 0.36 0.00	34.09 0.40 0.00	30.81 0.31 0.00	29.46 0.31 0.00	21.13 0.20 0.00	18.90 0.17 0.00	22.60 0.26 0.00	33.15 0.41 0.00	35.83 0.45 0.00	37.62 0.45 0.00	38.51 0.42 0.00	37.90 0.28 0.00	38.04 0.17 0.00	48.05 0.15 0.00	57.93 0.16 0.04	50.37 0.11 0.00	45.91 0.15 0.00	38.82 0.06 0.00	38.54 0.06 0.00	38.71 0.09 0.00	34.42 0.08 0.00
HUDSON AVE_GT_3 23810	43.43 1.62 0.00	39.50 1.54 0.00	37.72 1.34 0.00	33.77 1.10 0.00	34.79 1.11 0.00	31.56 1.06 0.00	30.26 1.11 0.00	21.82 0.88 0.00	19.59 0.87 0.00	23.21 0.87 0.00	34.30 1.56 0.00	37.06 1.68 0.00	38.95 1.78 0.00	40.07 1.97 0.00	39.92 2.30 0.00	40.25 2.38 0.00	50.99 3.09 0.00	61.46 3.65 0.00	53.58 3.32 0.00	48.74 2.98 0.00	41.41 2.65 0.00	41.09 2.61 0.00	41.32 2.70 0.00	36.62 2.28 0.00
HUDSON AVE_GT_4 23540	43.43 1.62 0.00	39.50 1.54 0.00	37.72 1.34 0.00	33.77 1.10 0.00	34.79 1.11 0.00	31.56 1.06 0.00	30.26 1.11 0.00	21.82 0.88 0.00	19.59 0.87 0.00	23.21 0.87 0.00	34.30 1.56 0.00	37.06 1.68 0.00	38.95 1.78 0.00	40.07 1.97 0.00	39.92 2.30 0.00	40.25 2.38 0.00	50.99 3.09 0.00	61.46 3.65 0.00	53.58 3.32 0.00	48.74 2.98 0.00	41.41 2.65 0.00	41.09 2.61 0.00	41.32 2.70 0.00	36.62 2.28 0.00
HUDSON AVE_GT_5 23657	43.43 1.62 0.00	39.50 1.54 0.00	37.72 1.34 0.00	33.77 1.10 0.00	34.79 1.11 0.00	31.56 1.06 0.00	30.26 1.11 0.00	21.82 0.88 0.00	19.59 0.87 0.00	23.21 0.87 0.00	34.30 1.56 0.00	37.06 1.68 0.00	38.95 1.78 0.00	40.07 1.97 0.00	39.92 2.30 0.00	40.25 2.38 0.00	50.99 3.09 0.00	61.46 3.65 0.00	53.58 3.32 0.00	48.74 2.98 0.00	41.41 2.65 0.00	41.09 2.61 0.00	41.32 2.70 0.00	36.62 2.28 0.00
HUDSON_AVE_10 24168	43.24 1.44 0.00	39.33 1.37 0.00	37.59 1.21 0.00	33.64 0.96 0.00	34.65 0.97 0.00	31.44 0.94 0.00	30.15 1.00 0.00	21.75 0.82 0.00	19.53 0.80 0.00	23.13 0.80 0.00	34.19 1.46 0.00	36.96 1.58 0.00	38.82 1.65 0.00	39.94 1.84 0.00	39.80 2.17 0.00	40.13 2.26 0.00	50.82 2.93 0.00	61.27 3.46 0.00	53.42 3.16 0.00	48.60 2.84 0.00	41.29 2.53 0.00	40.95 2.47 0.00	41.19 2.57 0.00	36.50 2.15 0.00
HUDSON___115KV_TB 4 355613	43.88 2.08 0.00	39.85 1.89 0.00	38.12 1.75 0.00	34.15 1.47 0.00	35.20 1.51 0.00	31.87 1.37 0.00	30.51 1.36 0.00	21.98 1.04 0.00	19.77 1.04 0.00	23.55 1.21 0.00	34.61 1.87 0.00	37.40 2.02 0.00	39.38 2.21 0.00	40.36 2.26 0.00	39.98 2.35 0.00	40.15 2.28 0.00	50.93 3.03 0.00	61.50 3.69 0.00	53.47 3.21 0.00	48.60 2.83 0.00	41.19 2.43 0.00	40.78 2.30 0.00	40.89 2.27 0.00	36.47 2.13 0.00
HUNTER MOUNT___DRP 323613	44.18 2.37 0.00	40.10 2.14 0.00	38.37 2.00 0.00	34.38 1.70 0.00	35.43 1.75 0.00	32.07 1.57 0.00	30.71 1.56 0.00	22.13 1.19 0.00	19.92 1.19 0.00	23.74 1.41 0.00	34.89 2.15 0.00	37.73 2.34 0.00	39.72 2.55 0.00	40.70 2.60 0.00	40.29 2.66 0.00	40.46 2.59 0.00	51.34 3.44 0.00	62.02 4.21 0.00	53.90 3.64 0.00	48.98 3.22 0.00	41.49 2.73 0.00	41.06 2.58 0.00	41.14 2.53 0.00	36.70 2.35 0.00
HUNTINGTON_RES_REC 323705	43.52 1.72 0.00	39.59 1.62 0.00	37.66 1.28 0.00	33.87 1.19 0.00	35.03 1.35 0.00	31.97 1.47 0.00	30.65 1.50 0.00	22.11 1.18 0.00	19.80 1.08 0.00	23.19 0.85 0.00	34.39 1.65 0.00	37.05 1.66 0.00	39.30 2.13 0.00	40.66 2.56 0.00	52.10 3.14 -11.32	54.27 3.27 -13.14	52.52 3.89 -0.74	65.72 4.65 -3.26	54.37 4.11 0.00	50.98 3.70 -1.52	54.00 3.37 -11.87	53.90 3.38 -12.03	41.91 3.29 0.00	37.04 2.70 0.00
HUNTLEY___63 23557	38.13 -3.67 0.00	34.65 -3.31 0.00	33.47 -2.91 0.00	30.42 -2.25 0.00	30.97 -2.71 0.00	28.09 -2.40 0.00	26.35 -2.80 0.00	18.62 -2.31 0.00	10.60 -2.39 5.73	10.63 -2.73 8.97	17.80 -4.21 10.72	19.69 -4.46 11.23	20.85 -4.80 11.52	24.35 -4.91 8.85	22.69 -4.84 10.09	21.16 -5.03 11.69	27.87 -6.59 13.43	35.73 -7.31 14.78	30.50 -6.40 13.36	27.29 -5.70 12.76	22.09 -4.87 11.79	33.23 -4.71 0.55	31.62 -4.50 2.51	22.40 -4.27 7.68
HUNTLEY___64 23558	38.13 -3.67 0.00	34.65 -3.31 0.00	33.47 -2.91 0.00	30.42 -2.25 0.00	30.97 -2.71 0.00	28.09 -2.40 0.00	26.35 -2.80 0.00	18.62 -2.31 0.00	10.60 -2.39 5.73	10.63 -2.73 8.97	17.80 -4.21 10.72	19.69 -4.46 11.23	20.85 -4.80 11.52	24.35 -4.91 8.85	22.69 -4.84 10.09	21.16 -5.03 11.69	27.87 -6.59 13.43	35.73 -7.31 14.78	30.50 -6.40 13.36	27.29 -5.70 12.76	22.09 -4.87 11.79	33.23 -4.71 0.55	31.62 -4.50 2.51	22.40 -4.27 7.68
HUNTLEY___65 23559	38.13 -3.67 0.00	34.65 -3.31 0.00	33.47 -2.91 0.00	30.42 -2.25 0.00	30.97 -2.71 0.00	28.09 -2.40 0.00	26.35 -2.80 0.00	18.62 -2.31 0.00	10.60 -2.39 5.73	10.63 -2.73 8.97	17.80 -4.21 10.72	19.69 -4.46 11.23	20.85 -4.80 11.52	24.35 -4.91 8.85	22.69 -4.84 10.09	21.16 -5.03 11.69	27.87 -6.59 13.43	35.73 -7.31 14.78	30.50 -6.40 13.36	27.29 -5.70 12.76	22.09 -4.87 11.79	33.23 -4.71 0.55	31.62 -4.50 2.51	22.40 -4.27 7.68
HUNTLEY___66 23560	38.13 -3.67 0.00	34.65 -3.31 0.00	33.47 -2.91 0.00	30.42 -2.25 0.00	30.97 -2.71 0.00	28.09 -2.40 0.00	26.35 -2.80 0.00	18.62 -2.31 0.00	10.60 -2.39 5.73	10.63 -2.73 8.97	17.80 -4.21 10.72	19.69 -4.46 11.23	20.85 -4.80 11.52	24.35 -4.91 8.85	22.69 -4.84 10.09	21.16 -5.03 11.69	27.87 -6.59 13.43	35.73 -7.31 14.78	30.50 -6.40 13.36	27.29 -5.70 12.76	22.09 -4.87 11.79	33.23 -4.71 0.55	31.62 -4.50 2.51	22.40 -4.27 7.68

HUNTLEY___67 23561	38.01 -3.80 0.00	34.54 -3.42 0.00	33.37 -3.01 0.00	30.33 -2.34 0.00	30.88 -2.81 0.00	27.98 -2.51 0.00	26.26 -2.88 0.00	18.56 -2.37 0.00	9.46 -2.48 6.78	8.93 -2.86 10.55	15.82 -4.35 12.57	17.59 -4.63 13.17	18.68 -4.98 13.51	22.64 -5.09 10.37	20.76 -5.03 11.84	18.95 -5.21 13.71	25.31 -6.84 15.76	32.84 -7.65 17.32	27.92 -6.67 15.67	24.84 -5.95 14.97	19.84 -5.08 13.84	32.97 -4.87 0.64	30.96 -4.70 2.96	20.81 -4.46 9.07
HUNTLEY___68 23562	38.01 -3.80 0.00	34.54 -3.42 0.00	33.37 -3.01 0.00	30.33 -2.34 0.00	30.88 -2.81 0.00	27.98 -2.51 0.00	26.26 -2.88 0.00	18.56 -2.37 0.00	9.46 -2.48 6.78	8.93 -2.86 10.55	15.82 -4.35 12.57	17.59 -4.63 13.17	18.68 -4.98 13.51	22.64 -5.09 10.37	20.76 -5.03 11.84	18.95 -5.21 13.71	25.31 -6.84 15.76	32.84 -7.65 17.32	27.92 -6.67 15.67	24.84 -5.95 14.97	19.84 -5.08 13.84	32.97 -4.87 0.64	30.96 -4.70 2.96	20.81 -4.46 9.07
HYLAND___LFG 323620	41.11 -0.70 0.00	37.39 -0.57 0.00	35.99 -0.38 0.00	32.43 -0.24 0.00	33.21 -0.48 0.00	30.09 -0.41 0.00	28.40 -0.75 0.00	20.20 -0.74 0.00	41.90 -0.92 -24.10	58.85 -0.99 -37.50	75.69 -1.73 -44.68	80.36 -1.84 -46.81	83.10 -2.10 -48.03	72.67 -2.30 -36.87	77.58 -2.11 -42.07	84.79 -1.81 -48.72	101.68 -2.22 -56.00	117.47 -1.91 -61.57	104.34 -1.60 -55.68	97.52 -1.43 -53.19	86.62 -1.33 -49.19	39.42 -1.35 -2.29	47.68 -1.48 -10.54	65.07 -1.53 -32.26
INDECK___CORINTH 23802	43.55 1.75 0.00	39.76 1.80 0.00	38.13 1.76 0.00	34.09 1.42 0.00	35.16 1.48 0.00	31.81 1.31 0.00	30.46 1.31 0.00	21.94 1.01 0.00	19.82 1.09 0.00	23.63 1.29 0.00	34.77 2.03 0.00	37.63 2.24 0.00	39.60 2.43 0.00	40.60 2.50 0.00	40.17 2.55 0.00	40.55 2.68 0.00	51.40 3.50 0.00	62.02 4.21 0.00	53.95 3.69 0.00	49.04 3.28 0.00	41.57 2.81 0.00	41.18 2.70 0.00	41.23 2.61 0.00	36.58 2.24 0.00
INDECK___ILION 23567	41.74 -0.06 0.00	37.94 -0.01 0.00	36.46 0.08 0.00	32.67 -0.01 0.00	33.66 -0.02 0.00	30.51 0.01 0.00	29.18 0.03 0.00	20.99 0.06 0.00	18.87 0.15 0.00	22.48 0.14 0.00	33.01 0.27 0.00	35.67 0.29 0.00	37.48 0.31 0.00	38.35 0.25 0.00	37.93 0.30 0.00	38.24 0.36 0.00	48.47 0.57 0.00	58.53 0.72 0.00	50.89 0.63 0.00	46.30 0.53 0.00	39.24 0.48 0.00	38.92 0.44 0.00	39.01 0.39 0.00	34.68 0.33 0.00
INDECK___OLEAN 23982	39.77 -2.04 0.00	36.18 -1.78 0.00	34.86 -1.51 0.00	31.37 -1.31 0.00	32.11 -1.57 0.00	28.99 -1.51 0.00	27.42 -1.73 0.00	19.53 -1.41 0.00	16.10 -1.33 1.30	18.78 -1.51 2.05	27.98 -2.29 2.46	30.26 -2.55 2.58	31.69 -2.84 2.64	33.04 -3.03 2.03	32.63 -2.68 2.32	32.51 -2.68 2.68	41.29 -3.53 3.08	50.22 -4.20 3.39	43.64 -3.55 3.07	39.67 -3.16 2.93	33.36 -2.69 2.70	35.49 -2.87 0.12	35.58 -2.47 0.57	30.31 -2.30 1.74
INDECK___OSWEGO 23783	40.39 -1.42 0.00	36.67 -1.29 0.00	35.13 -1.24 0.00	31.60 -1.08 0.00	32.55 -1.13 0.00	29.54 -0.96 0.00	28.19 -0.95 0.00	20.23 -0.71 0.00	18.02 -0.71 0.00	21.50 -0.83 0.00	31.39 -1.35 0.00	33.93 -1.46 0.00	35.62 -1.55 0.00	36.52 -1.58 0.00	36.03 -1.59 0.00	36.31 -1.57 0.00	45.91 -1.99 0.00	55.48 -2.32 0.00	48.24 -2.02 0.00	43.88 -1.88 0.00	37.16 -1.60 0.00	36.89 -1.59 0.00	37.01 -1.61 0.00	32.94 -1.40 0.00
INDECK___YERKES 23781	38.18 -3.63 0.00	34.69 -3.27 0.00	33.48 -2.90 0.00	30.44 -2.23 0.00	31.00 -2.69 0.00	28.11 -2.39 0.00	26.36 -2.79 0.00	18.63 -2.30 0.00	10.65 -2.34 5.73	10.69 -2.68 8.97	17.87 -4.14 10.72	19.83 -4.32 11.23	21.00 -4.65 11.52	24.46 -4.79 8.85	22.85 -4.69 10.09	21.34 -4.84 11.69	28.06 -6.40 13.43	35.93 -7.10 14.78	30.72 -6.17 13.36	27.43 -5.56 12.76	22.24 -4.72 11.79	33.27 -4.66 0.55	31.66 -4.45 2.51	22.46 -4.20 7.68
INDIAN POINT_GT_1 24139	43.25 1.44 0.00	39.32 1.36 0.00	37.56 1.18 0.00	33.62 0.95 0.00	34.65 0.96 0.00	31.41 0.92 0.00	30.09 0.95 0.00	21.70 0.77 0.00	19.49 0.77 0.00	23.11 0.77 0.00	34.09 1.36 0.00	36.91 1.52 0.00	38.83 1.65 0.00	39.93 1.83 0.00	39.71 2.08 0.00	39.97 2.10 0.00	50.67 2.77 0.00	61.13 3.32 0.00	53.24 2.99 0.00	48.43 2.67 0.00	41.14 2.38 0.00	40.82 2.34 0.00	40.98 2.36 0.00	36.31 1.96 0.00
INDIAN POINT_GT_2 23659	43.25 1.44 0.00	39.32 1.36 0.00	37.56 1.18 0.00	33.62 0.95 0.00	34.65 0.96 0.00	31.41 0.92 0.00	30.09 0.95 0.00	21.70 0.77 0.00	19.49 0.77 0.00	23.11 0.77 0.00	34.09 1.36 0.00	36.91 1.52 0.00	38.83 1.65 0.00	39.93 1.83 0.00	39.71 2.08 0.00	39.97 2.10 0.00	50.67 2.77 0.00	61.13 3.32 0.00	53.24 2.99 0.00	48.43 2.67 0.00	41.14 2.38 0.00	40.82 2.34 0.00	40.98 2.36 0.00	36.31 1.96 0.00
INDIAN POINT_GT_3 24019	43.25 1.44 0.00	39.32 1.36 0.00	37.56 1.18 0.00	33.62 0.95 0.00	34.65 0.96 0.00	31.41 0.92 0.00	30.09 0.95 0.00	21.70 0.77 0.00	19.49 0.77 0.00	23.11 0.77 0.00	34.09 1.36 0.00	36.91 1.52 0.00	38.83 1.65 0.00	39.93 1.83 0.00	39.71 2.08 0.00	39.97 2.10 0.00	50.67 2.77 0.00	61.13 3.32 0.00	53.24 2.99 0.00	48.43 2.67 0.00	41.14 2.38 0.00	40.82 2.34 0.00	40.98 2.36 0.00	36.31 1.96 0.00
INDIAN POINT___2 23530	43.35 1.54 0.00	39.42 1.46 0.00	37.64 1.27 0.00	33.71 1.03 0.00	34.74 1.05 0.00	31.50 1.00 0.00	30.18 1.03 0.00	21.76 0.83 0.00	19.54 0.82 0.00	23.16 0.82 0.00	34.19 1.45 0.00	36.93 1.55 0.00	38.85 1.68 0.00	39.98 1.88 0.00	39.79 2.17 0.00	39.88 2.01 0.00	50.56 2.66 0.00	61.00 3.20 0.00	53.11 2.86 0.00	48.34 2.58 0.00	41.05 2.30 0.00	40.75 2.26 0.00	40.90 2.28 0.00	36.22 1.88 0.00
INDIAN POINT___3 23531	43.09 1.28 0.00	39.18 1.22 0.00	37.42 1.05 0.00	33.52 0.84 0.00	34.53 0.85 0.00	31.30 0.80 0.00	29.97 0.83 0.00	21.61 0.68 0.00	19.40 0.68 0.00	23.03 0.69 0.00	33.95 1.22 0.00	36.72 1.33 0.00	38.61 1.44 0.00	39.73 1.64 0.00	39.55 1.92 0.00	39.95 2.08 0.00	50.63 2.73 0.00	61.08 3.27 0.00	53.20 2.94 0.00	48.40 2.63 0.00	41.11 2.35 0.00	40.79 2.30 0.00	40.94 2.32 0.00	36.27 1.93 0.00
INGHAM_C_115KV_TB7 356103	41.44 -0.36 0.00	37.73 -0.23 0.00	36.39 0.01 0.00	32.50 -0.17 0.00	33.46 -0.22 0.00	30.34 -0.16 0.00	29.03 -0.12 0.00	20.93 0.00 0.00	18.93 0.21 0.00	22.54 0.20 0.00	33.16 0.42 0.00	35.84 0.46 0.00	37.65 0.48 0.00	38.42 0.32 0.00	38.06 0.44 0.00	38.42 0.55 0.00	48.81 0.91 0.00	59.02 1.21 0.00	51.31 1.05 0.00	46.67 0.90 0.00	39.57 0.81 0.00	39.19 0.71 0.00	39.22 0.60 0.00	34.86 0.51 0.00
IP CORINTH___1 23988	43.59 1.78 0.00	39.76 1.80 0.00	38.14 1.76 0.00	34.10 1.42 0.00	35.16 1.48 0.00	31.81 1.31 0.00	30.46 1.31 0.00	21.94 1.01 0.00	19.82 1.10 0.00	23.63 1.29 0.00	34.77 2.03 0.00	37.62 2.24 0.00	39.60 2.43 0.00	40.60 2.50 0.00	40.18 2.55 0.00	40.55 2.68 0.00	51.40 3.50 0.00	62.02 4.21 0.00	53.95 3.69 0.00	49.04 3.28 0.00	41.57 2.81 0.00	41.18 2.70 0.00	41.22 2.60 0.00	36.58 2.24 0.00

IP__TICONDEROGA 23804	44.53 2.72 0.00	40.70 2.75 0.00	39.21 2.84 0.00	34.83 2.15 0.00	36.02 2.33 0.00	32.43 1.93 0.00	31.08 1.93 0.00	22.42 1.49 0.00	20.56 1.84 0.00	24.47 2.13 0.00	36.05 3.31 0.00	39.07 3.68 0.00	41.19 4.01 0.00	42.30 4.20 0.00	41.83 4.21 0.00	42.22 4.35 0.00	53.41 5.52 0.00	64.25 6.44 0.00	56.00 5.74 0.00	50.98 5.22 0.00	43.33 4.57 0.00	42.92 4.44 0.00	42.86 4.24 0.00	37.98 3.63 0.00
ISLIP_RES_REC 323679	43.86 2.06 0.00	39.88 1.92 0.00	37.91 1.53 0.00	34.16 1.48 0.00	35.39 1.71 0.00	32.36 1.87 0.00	31.04 1.89 0.00	22.38 1.45 0.00	20.03 1.31 0.00	23.39 1.05 0.00	34.63 1.90 0.00	37.26 1.88 0.00	39.55 2.38 0.00	41.03 2.93 0.00	52.61 3.66 -11.33	54.84 3.82 -13.14	53.16 4.52 -0.74	66.56 5.49 -3.26	55.05 4.79 0.00	51.60 4.32 -1.52	54.54 3.91 -11.87	54.46 3.94 -12.04	42.40 3.78 0.00	37.43 3.09 0.00
JAMAICA__27_KV_LOAD 355505	43.40 1.60 0.00	39.49 1.53 0.00	37.85 1.48 0.00	33.83 1.15 0.00	34.83 1.14 0.00	31.61 1.12 0.00	30.34 1.19 0.00	21.87 0.94 0.00	19.64 0.92 0.00	23.26 0.93 0.00	34.39 1.65 0.00	37.20 1.81 0.00	39.05 1.88 0.00	40.19 2.09 0.00	40.07 2.45 0.00	40.41 2.54 0.00	51.18 3.29 0.00	61.66 3.85 0.00	53.81 3.55 0.00	48.95 3.19 0.00	41.58 2.82 0.00	41.23 2.75 0.00	41.46 2.84 0.00	36.72 2.38 0.00
JANIS__SOLAR 323808	42.85 1.04 0.00	38.99 1.03 0.00	37.38 1.00 0.00	33.50 0.83 0.00	34.51 0.83 0.00	31.35 0.85 0.00	29.86 0.71 0.00	21.39 0.46 0.00	19.09 0.37 0.00	22.79 0.45 0.00	33.19 0.45 0.00	35.61 0.23 0.00	37.29 0.12 0.00	38.30 0.21 0.00	37.96 0.33 0.00	38.25 0.38 0.00	48.43 0.54 0.00	58.68 0.87 0.00	51.00 0.74 0.00	46.38 0.62 0.00	39.21 0.45 0.00	38.83 0.35 0.00	38.78 0.16 0.00	34.39 0.04 0.00
JARVIS____ 23743	41.80 0.00 0.00	37.96 0.00 0.00	36.38 0.00 0.00	32.67 0.00 0.00	33.68 0.00 0.00	30.50 0.00 0.00	29.16 0.01 0.00	20.95 0.02 0.00	18.76 0.04 0.00	22.36 0.02 0.00	32.80 0.06 0.00	35.43 0.05 0.00	37.21 0.04 0.00	38.14 0.04 0.00	37.67 0.04 0.00	37.95 0.08 0.00	48.01 0.11 0.00	57.93 0.12 0.00	50.36 0.10 0.00	45.85 0.09 0.00	38.84 0.08 0.00	38.60 0.12 0.00	38.74 0.12 0.00	34.45 0.10 0.00
JENNISON__1 23625	42.96 1.16 0.00	39.20 1.24 0.00	37.58 1.20 0.00	33.64 0.97 0.00	34.68 1.00 0.00	31.45 0.96 0.00	29.89 0.74 0.00	21.37 0.43 0.00	19.04 0.32 0.00	22.66 0.32 0.00	32.97 0.23 0.00	35.27 -0.12 0.00	36.79 -0.38 0.00	37.81 -0.29 0.00	37.61 -0.02 0.00	37.82 -0.05 0.00	47.85 -0.05 0.00	57.89 0.08 0.00	50.29 0.03 0.00	45.77 0.01 0.00	38.75 -0.01 0.00	38.35 -0.13 0.00	38.31 -0.31 0.00	33.96 -0.38 0.00
JENNISON__2 23626	42.96 1.16 0.00	39.20 1.24 0.00	37.58 1.20 0.00	33.64 0.97 0.00	34.68 1.00 0.00	31.45 0.96 0.00	29.89 0.74 0.00	21.37 0.43 0.00	19.04 0.32 0.00	22.66 0.32 0.00	32.97 0.23 0.00	35.27 -0.12 0.00	36.79 -0.38 0.00	37.81 -0.29 0.00	37.61 -0.02 0.00	37.82 -0.05 0.00	47.85 -0.05 0.00	57.89 0.08 0.00	50.29 0.03 0.00	45.77 0.01 0.00	38.75 -0.01 0.00	38.35 -0.13 0.00	38.31 -0.31 0.00	33.96 -0.38 0.00
JERICHO_RISE_WT_PWR 323719	42.45 0.64 0.00	38.28 0.32 0.00	36.52 0.15 0.00	32.91 0.23 0.00	34.15 0.47 0.00	30.61 0.12 0.00	29.47 0.32 0.00	21.17 0.23 0.00	19.03 0.30 0.00	22.80 0.46 0.00	33.51 0.77 0.00	36.26 0.87 0.00	38.11 0.93 0.00	39.01 0.91 0.00	38.14 0.52 0.00	37.95 0.08 0.00	47.72 -0.18 0.00	57.45 -0.36 0.00	49.81 -0.45 0.00	45.26 -0.49 0.00	38.01 -0.75 0.00	38.89 -0.91 -1.32	38.96 -0.91 -1.25	35.13 -0.82 -1.60
KATONAH__115KV_46KV_TB4 355592	43.53 1.73 0.00	39.58 1.62 0.00	37.80 1.43 0.00	33.84 1.17 0.00	34.88 1.20 0.00	31.63 1.13 0.00	30.30 1.15 0.00	21.84 0.91 0.00	19.63 0.90 0.00	23.27 0.94 0.00	34.35 1.61 0.00	37.14 1.75 0.00	39.08 1.91 0.00	40.18 2.08 0.00	40.01 2.38 0.00	40.35 2.48 0.00	51.16 3.26 0.00	61.75 3.94 0.00	53.78 3.52 0.00	48.92 3.16 0.00	41.54 2.78 0.00	41.19 2.71 0.00	41.36 2.73 0.00	36.65 2.31 0.00
KCE_NY_1 323755	43.62 1.81 0.00	39.58 1.62 0.00	38.00 1.62 0.00	34.01 1.34 0.00	35.08 1.40 0.00	31.73 1.23 0.00	30.41 1.27 0.00	21.89 0.95 0.00	19.68 0.96 0.00	23.47 1.13 0.00	34.52 1.78 0.00	37.30 1.91 0.00	39.24 2.07 0.00	40.24 2.14 0.00	39.81 2.18 0.00	40.17 2.30 0.00	50.93 3.03 0.00	61.51 3.70 0.00	53.45 3.19 0.00	48.55 2.79 0.00	41.18 2.42 0.00	40.81 2.33 0.00	40.93 2.31 0.00	36.34 1.99 0.00
KCE_NY_6_ESR 323823	38.62 -3.18 0.00	35.12 -2.84 0.00	33.92 -2.46 0.00	30.79 -1.88 0.00	31.33 -2.35 0.00	28.38 -2.12 0.00	26.63 -2.52 0.00	18.81 -2.12 0.00	9.51 -2.21 7.00	8.85 -2.54 10.95	15.80 -3.86 13.08	17.66 -4.03 13.70	18.78 -4.34 14.05	22.84 -4.47 10.79	20.96 -4.35 12.31	19.16 -4.46 14.26	25.63 -5.89 16.38	33.27 -6.52 18.02	28.36 -5.60 16.29	25.17 -5.02 15.56	20.09 -4.28 14.39	33.54 -4.28 0.67	31.43 -4.13 3.06	21.05 -3.91 9.38
KEDC_PORT_JEFF_GT2 24210	43.69 1.88 0.00	39.73 1.77 0.00	37.78 1.41 0.00	34.03 1.36 0.00	35.26 1.58 0.00	32.24 1.74 0.00	30.93 1.78 0.00	22.29 1.36 0.00	19.96 1.24 0.00	23.31 0.97 0.00	34.52 1.78 0.00	37.15 1.77 0.00	39.43 2.26 0.00	40.88 2.78 0.00	52.36 3.47 -11.25	54.56 3.63 -13.06	52.92 4.29 -0.73	66.20 5.16 -3.24	54.77 4.51 0.00	51.31 4.05 -1.51	54.25 3.70 -11.79	54.17 3.73 -11.96	42.21 3.59 0.00	37.28 2.94 0.00
KEDC_PORT_JEFF_GT3 24211	43.69 1.88 0.00	39.73 1.77 0.00	37.78 1.41 0.00	34.03 1.36 0.00	35.26 1.58 0.00	32.24 1.74 0.00	30.93 1.78 0.00	22.29 1.36 0.00	19.96 1.24 0.00	23.31 0.97 0.00	34.52 1.78 0.00	37.15 1.77 0.00	39.43 2.26 0.00	40.88 2.78 0.00	52.36 3.47 -11.25	54.56 3.63 -13.06	52.92 4.29 -0.73	66.20 5.16 -3.24	54.77 4.51 0.00	51.31 4.05 -1.51	54.25 3.70 -11.79	54.17 3.73 -11.96	42.21 3.59 0.00	37.28 2.94 0.00
KEDC_GLWD_GT4 24219	43.65 1.85 0.00	39.71 1.75 0.00	37.87 1.49 0.00	33.95 1.28 0.00	35.01 1.33 0.00	31.81 1.31 0.00	30.49 1.34 0.00	21.99 1.05 0.00	19.72 1.00 0.00	23.29 0.95 0.00	34.47 1.73 0.00	37.19 1.81 0.00	39.27 2.09 0.00	40.45 2.35 0.00	59.77 2.73 -19.42	63.19 2.79 -22.53	52.72 3.56 -1.27	67.65 4.25 -5.59	54.06 3.80 -0.01	51.78 3.42 -2.60	62.15 3.05 -20.35	62.13 3.02 -20.63	41.64 3.02 0.00	36.86 2.51 0.00
KEDC_GLWD_GT5 24220	43.65 1.85 0.00	39.71 1.75 0.00	37.87 1.49 0.00	33.95 1.28 0.00	35.01 1.33 0.00	31.81 1.31 0.00	30.49 1.34 0.00	21.99 1.05 0.00	19.72 1.00 0.00	23.29 0.95 0.00	34.47 1.73 0.00	37.19 1.81 0.00	39.27 2.09 0.00	40.45 2.35 0.00	59.77 2.73 -19.42	63.19 2.79 -22.53	52.72 3.56 -1.27	67.65 4.25 -5.59	54.06 3.80 -0.01	51.78 3.42 -2.60	62.15 3.05 -20.35	62.13 3.02 -20.63	41.64 3.02 0.00	36.86 2.51 0.00

KENSICO____ 23655	43.34 1.53 0.00	39.42 1.46 0.00	37.64 1.26 0.00	33.70 1.02 0.00	34.72 1.04 0.00	31.48 0.99 0.00	30.17 1.02 0.00	21.75 0.82 0.00	19.54 0.81 0.00	23.16 0.82 0.00	34.18 1.45 0.00	36.95 1.57 0.00	38.86 1.69 0.00	39.99 1.89 0.00	39.81 2.18 0.00	40.11 2.24 0.00	50.83 2.93 0.00	61.31 3.50 0.00	53.40 3.14 0.00	48.59 2.82 0.00	41.27 2.51 0.00	40.94 2.46 0.00	41.12 2.50 0.00	36.44 2.10 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.83 2.02 0.00	39.78 1.81 0.00	37.97 1.59 0.00	34.00 1.32 0.00	35.01 1.33 0.00	31.75 1.25 0.00	30.41 1.26 0.00	21.93 1.00 0.00	19.69 0.96 0.00	23.38 1.05 0.00	34.44 1.71 0.00	37.29 1.91 0.00	39.27 2.10 0.00	40.41 2.31 0.00	40.26 2.63 0.00	40.76 2.89 0.00	51.75 3.85 0.00	62.55 4.75 0.00	54.43 4.18 0.00	49.51 3.75 0.00	42.00 3.24 0.00	41.59 3.11 0.00	41.68 3.06 0.00	36.82 2.48 0.00
KIAC_JFK_GT1 23816	43.15 1.35 0.00	39.26 1.30 0.00	37.64 1.26 0.00	33.65 0.97 0.00	34.64 0.96 0.00	31.44 0.95 0.00	30.17 1.02 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.21 1.47 0.00	37.01 1.63 0.00	38.86 1.68 0.00	39.97 1.87 0.00	39.85 2.22 0.00	40.18 2.31 0.00	50.89 2.99 0.00	61.30 3.49 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.33 2.58 0.00	40.99 2.50 0.00	41.23 2.61 0.00	36.52 2.18 0.00
KIAC_JFK_GT2 23817	43.15 1.35 0.00	39.26 1.30 0.00	37.64 1.26 0.00	33.65 0.97 0.00	34.64 0.96 0.00	31.44 0.95 0.00	30.17 1.02 0.00	21.76 0.82 0.00	19.53 0.81 0.00	23.14 0.80 0.00	34.21 1.47 0.00	37.01 1.63 0.00	38.86 1.68 0.00	39.97 1.87 0.00	39.85 2.22 0.00	40.18 2.31 0.00	50.89 2.99 0.00	61.30 3.49 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.33 2.58 0.00	40.99 2.50 0.00	41.23 2.61 0.00	36.52 2.18 0.00
KIAC_JFK____ 323774	43.15 1.34 0.00	39.26 1.30 0.00	37.64 1.26 0.00	33.65 0.97 0.00	34.64 0.96 0.00	31.44 0.95 0.00	30.17 1.02 0.00	21.76 0.82 0.00	19.53 0.80 0.00	23.13 0.80 0.00	34.20 1.47 0.00	36.99 1.60 0.00	38.83 1.66 0.00	39.95 1.85 0.00	39.83 2.21 0.00	40.16 2.29 0.00	50.86 2.96 0.00	61.27 3.47 0.00	53.45 3.20 0.00	48.65 2.89 0.00	41.33 2.57 0.00	40.99 2.50 0.00	41.23 2.61 0.00	36.52 2.17 0.00
KINTIGH____ 23543	38.21 -3.60 0.00	34.72 -3.24 0.00	33.46 -2.91 0.00	30.35 -2.32 0.00	30.99 -2.69 0.00	28.10 -2.40 0.00	26.48 -2.67 0.00	18.79 -2.14 0.00	13.14 -2.23 3.35	14.56 -2.58 5.20	22.62 -3.94 6.18	24.69 -4.22 6.47	26.01 -4.53 6.64	28.36 -4.65 5.10	27.22 -4.59 5.82	26.38 -4.75 6.74	33.94 -6.21 7.75	42.28 -7.02 8.51	36.39 -6.16 7.70	32.89 -5.52 7.36	27.24 -4.72 6.80	33.70 -4.46 0.32	32.81 -4.35 1.47	25.75 -4.11 4.49
KNTFSRNC_46_KV_46KV_LOAD 80397	43.04 1.23 0.00	38.78 0.82 0.00	36.98 0.60 0.00	33.32 0.64 0.00	34.53 0.85 0.00	30.90 0.40 0.00	29.76 0.62 0.00	21.39 0.46 0.00	19.27 0.54 0.00	23.09 0.75 0.00	33.97 1.23 0.00	36.73 1.35 0.00	38.63 1.46 0.00	39.60 1.50 0.00	38.74 1.11 0.00	38.54 0.67 0.00	48.34 0.44 0.00	58.26 0.46 0.00	50.51 0.26 0.00	45.92 0.16 0.00	38.50 -0.26 0.00	49.26 -0.50 -11.27	48.74 -0.51 -10.64	47.61 -0.42 -13.69
LACHUTE____HYDRO 323717	44.53 2.73 0.00	40.70 2.74 0.00	39.21 2.84 0.00	34.83 2.15 0.00	36.02 2.33 0.00	32.43 1.93 0.00	31.08 1.93 0.00	22.42 1.49 0.00	20.56 1.84 0.00	24.48 2.14 0.00	36.05 3.31 0.00	39.07 3.68 0.00	41.19 4.02 0.00	42.30 4.20 0.00	41.83 4.20 0.00	42.22 4.35 0.00	53.42 5.52 0.00	64.25 6.44 0.00	56.00 5.74 0.00	50.98 5.22 0.00	43.33 4.57 0.00	42.92 4.43 0.00	42.86 4.24 0.00	37.98 3.63 0.00
LAWRNCV_115KV_TB1 80681	42.19 0.39 0.00	38.20 0.24 0.00	36.57 0.20 0.00	33.02 0.34 0.00	34.14 0.46 0.00	30.75 0.25 0.00	29.31 0.16 0.00	21.02 0.09 0.00	18.83 0.11 0.00	22.75 0.41 0.00	33.39 0.65 0.00	36.10 0.71 0.00	37.86 0.69 0.00	38.70 0.60 0.00	37.85 0.23 0.00	37.64 -0.23 0.00	47.53 -0.37 0.00	57.29 -0.51 0.00	49.75 -0.51 0.00	45.31 -0.45 0.00	38.21 -0.55 0.00	37.90 -0.58 0.00	38.21 -0.41 0.00	34.05 -0.29 0.00
LEDERLE____ 23769	43.05 1.25 0.00	39.14 1.18 0.00	37.39 1.02 0.00	33.49 0.81 0.00	34.49 0.81 0.00	31.27 0.77 0.00	29.92 0.77 0.00	21.58 0.65 0.00	19.36 0.64 0.00	23.00 0.66 0.00	33.90 1.16 0.00	36.65 1.26 0.00	38.56 1.39 0.00	39.71 1.61 0.00	39.53 1.91 0.00	40.02 2.15 0.00	50.76 2.86 0.00	61.24 3.43 0.00	53.34 3.08 0.00	48.53 2.77 0.00	41.22 2.46 0.00	40.88 2.39 0.00	41.01 2.39 0.00	36.29 1.95 0.00
LIGHTRSE_115KV_TB6 355974	40.64 -1.17 0.00	36.78 -1.18 0.00	35.17 -1.20 0.00	31.76 -0.91 0.00	32.84 -0.85 0.00	29.80 -0.69 0.00	28.47 -0.68 0.00	20.45 -0.48 0.00	18.24 -0.49 0.00	21.84 -0.50 0.00	31.94 -0.79 0.00	34.51 -0.88 0.00	36.13 -1.04 0.00	36.99 -1.11 0.00	36.16 -1.46 0.00	36.39 -1.49 0.00	46.04 -1.86 0.00	55.63 -2.18 0.00	48.32 -1.93 0.00	43.94 -1.82 0.00	37.18 -1.58 0.00	36.88 -1.60 0.00	36.98 -1.64 0.00	32.88 -1.46 0.00
LINDEN COGEN____ 23786	43.08 1.28 0.00	39.20 1.24 0.00	37.42 1.05 0.00	33.51 0.84 0.00	34.52 0.84 0.00	31.31 0.81 0.00	30.03 0.88 0.00	21.66 0.73 0.00	19.43 0.71 0.00	23.04 0.70 0.00	34.01 1.28 0.00	36.73 1.35 0.00	38.58 1.41 0.00	39.70 1.60 0.00	39.55 1.92 0.00	39.88 2.01 0.00	50.54 2.65 0.00	60.95 3.14 0.00	53.09 2.84 0.00	48.32 2.56 0.00	41.05 2.29 0.00	40.73 2.25 0.00	40.96 2.34 0.00	36.29 1.94 0.00
LINDHRST_69_KV_BK1 356055	44.01 2.21 0.00	40.04 2.08 0.00	38.09 1.72 0.00	34.23 1.56 0.00	35.36 1.68 0.00	32.21 1.72 0.00	30.88 1.73 0.00	22.26 1.33 0.00	19.95 1.23 0.00	23.41 1.07 0.00	34.73 2.00 0.00	37.42 2.03 0.00	39.74 2.57 0.00	41.05 2.95 0.00	53.65 3.45 -12.57	56.01 3.55 -14.58	53.13 4.41 -0.82	66.78 5.35 -3.62	54.99 4.73 0.00	51.70 4.26 -1.68	55.73 3.80 -13.17	55.61 3.78 -13.35	42.29 3.67 0.00	37.38 3.03 0.00
LIPA_MISC_IPP 23656	43.33 1.52 0.00	39.40 1.44 0.00	37.46 1.08 0.00	33.83 1.15 0.00	35.18 1.50 0.00	32.26 1.76 0.00	30.94 1.80 0.00	22.29 1.36 0.00	19.96 1.23 0.00	23.16 0.82 0.00	34.25 1.51 0.00	36.83 1.45 0.00	39.10 1.93 0.00	40.63 2.54 0.00	52.25 3.42 -11.21	54.45 3.57 -13.00	52.68 4.05 -0.73	65.88 4.85 -3.23	54.43 4.17 0.00	51.00 3.74 -1.50	54.00 3.49 -11.75	53.98 3.58 -11.91	42.05 3.43 0.00	37.15 2.81 0.00
LISF____SOLAR 323691	43.38 1.58 0.00	39.46 1.49 0.00	37.51 1.13 0.00	33.88 1.20 0.00	35.23 1.54 0.00	32.31 1.81 0.00	30.99 1.84 0.00	22.32 1.39 0.00	19.98 1.25 0.00	23.18 0.84 0.00	34.27 1.53 0.00	36.84 1.46 0.00	39.11 1.94 0.00	40.67 2.57 0.00	52.33 3.47 -11.23	54.52 3.63 -13.02	52.74 4.12 -0.73	65.99 4.95 -3.23	54.52 4.25 0.00	51.08 3.82 -1.50	54.09 3.56 -11.76	54.07 3.66 -11.93	42.12 3.50 0.00	37.19 2.85 0.00

LITTLE FALLS___HYD 24013	41.44 -0.36 0.00	37.73 -0.23 0.00	36.39 0.01 0.00	32.50 -0.17 0.00	33.46 -0.22 0.00	30.34 -0.16 0.00	29.03 -0.12 0.00	20.93 0.00 0.00	18.93 0.21 0.00	22.54 0.20 0.00	33.16 0.42 0.00	35.84 0.46 0.00	37.65 0.48 0.00	38.42 0.32 0.00	38.06 0.44 0.00	38.42 0.55 0.00	48.81 0.91 0.00	59.02 1.21 0.00	51.31 1.05 0.00	46.67 0.90 0.00	39.57 0.81 0.00	39.19 0.71 0.00	39.22 0.60 0.00	34.86 0.51 0.00
LITTLRIV_115KV_TB1 356100	42.65 0.85 0.00	38.64 0.68 0.00	36.99 0.62 0.00	33.40 0.72 0.00	34.53 0.84 0.00	31.10 0.60 0.00	29.64 0.49 0.00	21.26 0.33 0.00	19.06 0.34 0.00	23.04 0.70 0.00	33.80 1.07 0.00	36.53 1.15 0.00	38.33 1.15 0.00	39.16 1.06 0.00	38.31 0.68 0.00	38.13 0.26 0.00	48.16 0.26 0.00	58.09 0.28 0.00	50.42 0.16 0.00	45.93 0.17 0.00	38.72 -0.04 0.00	38.39 -0.09 0.00	38.68 0.06 0.00	34.44 0.10 0.00
LI_NEWBRDGE___DRP 323616	43.39 1.59 0.00	39.48 1.52 0.00	37.62 1.24 0.00	33.78 1.11 0.00	34.87 1.18 0.00	31.74 1.24 0.00	30.41 1.26 0.00	21.93 0.99 0.00	19.66 0.94 0.00	23.12 0.79 0.00	34.30 1.57 0.00	36.98 1.60 0.00	39.15 1.97 0.00	40.39 2.29 0.00	50.77 2.71 -10.43	52.76 2.79 -12.10	52.01 3.43 -0.68	64.89 4.08 -3.00	53.89 3.63 0.00	50.44 3.28 -1.40	52.65 2.96 -10.93	52.52 2.96 -11.08	41.54 2.92 0.00	36.76 2.42 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.86 -3.95 0.00	34.39 -3.57 0.00	33.21 -3.16 0.00	30.20 -2.47 0.00	30.75 -2.94 0.00	27.91 -2.59 0.00	26.16 -2.99 0.00	18.50 -2.43 0.00	11.40 -2.47 4.85	11.86 -2.81 7.66	19.26 -4.27 9.20	21.19 -4.55 9.64	22.40 -4.89 9.89	25.46 -5.05 7.59	23.96 -5.01 8.66	22.64 -5.21 10.03	29.52 -6.85 11.53	37.52 -7.60 12.69	32.11 -6.68 11.46	28.85 -5.96 10.95	23.55 -5.11 10.11	33.06 -4.96 0.46	31.78 -4.72 2.12	23.40 -4.45 6.50
LOCKPORT___CC1 323769	37.85 -3.96 0.00	34.39 -3.57 0.00	33.20 -3.17 0.00	30.20 -2.48 0.00	30.74 -2.94 0.00	27.89 -2.61 0.00	26.15 -3.00 0.00	18.49 -2.44 0.00	11.00 -2.45 5.27	11.24 -2.81 8.29	18.52 -4.28 9.94	20.48 -4.49 10.42	21.67 -4.81 10.68	24.88 -5.02 8.20	23.37 -4.90 9.36	22.00 -5.03 10.84	28.77 -6.67 12.46	36.66 -7.44 13.71	31.40 -6.46 12.39	28.08 -5.84 11.84	22.87 -4.97 10.93	32.98 -5.00 0.50	31.56 -4.75 2.31	22.84 -4.45 7.06
LOCKPORT___CC2 323770	37.85 -3.96 0.00	34.39 -3.57 0.00	33.20 -3.17 0.00	30.20 -2.48 0.00	30.74 -2.94 0.00	27.89 -2.61 0.00	26.15 -3.00 0.00	18.49 -2.44 0.00	11.00 -2.45 5.27	11.24 -2.81 8.29	18.52 -4.28 9.94	20.48 -4.49 10.42	21.67 -4.81 10.68	24.88 -5.02 8.20	23.37 -4.90 9.36	22.00 -5.03 10.84	28.77 -6.67 12.46	36.66 -7.44 13.71	31.40 -6.46 12.39	28.08 -5.84 11.84	22.87 -4.97 10.93	32.98 -5.00 0.50	31.56 -4.75 2.31	22.84 -4.45 7.06
LOCKPORT___CC3 323771	37.85 -3.96 0.00	34.39 -3.57 0.00	33.20 -3.17 0.00	30.20 -2.48 0.00	30.74 -2.94 0.00	27.89 -2.61 0.00	26.15 -3.00 0.00	18.49 -2.44 0.00	11.00 -2.45 5.27	11.24 -2.81 8.29	18.52 -4.28 9.94	20.48 -4.49 10.42	21.67 -4.81 10.68	24.88 -5.02 8.20	23.37 -4.90 9.36	22.00 -5.03 10.84	28.77 -6.67 12.46	36.66 -7.44 13.71	31.40 -6.46 12.39	28.08 -5.84 11.84	22.87 -4.97 10.93	32.98 -5.00 0.50	31.56 -4.75 2.31	22.84 -4.45 7.06
LONG_LAKE_PHOENIX 24014	40.45 -1.35 0.00	36.77 -1.19 0.00	35.23 -1.15 0.00	31.67 -1.00 0.00	32.61 -1.07 0.00	29.58 -0.92 0.00	28.24 -0.91 0.00	20.24 -0.69 0.00	18.03 -0.69 0.00	21.53 -0.81 0.00	31.42 -1.31 0.00	33.97 -1.42 0.00	35.68 -1.49 0.00	36.61 -1.49 0.00	36.17 -1.46 0.00	36.45 -1.42 0.00	46.09 -1.81 0.00	55.73 -2.08 0.00	48.43 -1.83 0.00	44.05 -1.71 0.00	37.30 -1.46 0.00	37.05 -1.44 0.00	37.13 -1.49 0.00	33.06 -1.29 0.00
LOVETT___3 23632	42.89 1.08 0.00	39.02 1.06 0.00	37.27 0.90 0.00	33.37 0.70 0.00	34.37 0.68 0.00	31.16 0.66 0.00	29.82 0.67 0.00	21.50 0.57 0.00	19.29 0.57 0.00	22.91 0.57 0.00	33.77 1.04 0.00	36.51 1.12 0.00	38.41 1.23 0.00	39.54 1.44 0.00	39.37 1.74 0.00	39.84 1.97 0.00	50.52 2.62 0.00	60.95 3.14 0.00	53.08 2.82 0.00	48.29 2.53 0.00	41.02 2.26 0.00	40.70 2.22 0.00	40.84 2.22 0.00	36.16 1.81 0.00
LOVETT___4 23642	42.89 1.08 0.00	39.02 1.06 0.00	37.27 0.90 0.00	33.37 0.70 0.00	34.37 0.68 0.00	31.16 0.66 0.00	29.82 0.67 0.00	21.50 0.57 0.00	19.29 0.57 0.00	22.91 0.57 0.00	33.77 1.04 0.00	36.51 1.12 0.00	38.41 1.23 0.00	39.54 1.44 0.00	39.37 1.74 0.00	39.84 1.97 0.00	50.52 2.62 0.00	60.95 3.14 0.00	53.08 2.82 0.00	48.29 2.53 0.00	41.02 2.26 0.00	40.70 2.22 0.00	40.84 2.22 0.00	36.16 1.81 0.00
LOVETT___5 23593	42.89 1.08 0.00	39.02 1.06 0.00	37.27 0.90 0.00	33.37 0.70 0.00	34.37 0.68 0.00	31.16 0.66 0.00	29.82 0.67 0.00	21.50 0.57 0.00	19.29 0.57 0.00	22.91 0.57 0.00	33.77 1.04 0.00	36.51 1.12 0.00	38.41 1.23 0.00	39.54 1.44 0.00	39.37 1.74 0.00	39.84 1.97 0.00	50.52 2.62 0.00	60.95 3.14 0.00	53.08 2.82 0.00	48.29 2.53 0.00	41.02 2.26 0.00	40.70 2.22 0.00	40.84 2.22 0.00	36.16 1.81 0.00
LOWER RAQUET___HYD 24057	42.01 0.20 0.00	38.03 0.06 0.00	36.40 0.03 0.00	32.87 0.20 0.00	34.01 0.33 0.00	30.61 0.11 0.00	29.16 0.01 0.00	20.91 -0.02 0.00	18.75 0.02 0.00	22.69 0.35 0.00	33.30 0.57 0.00	35.99 0.61 0.00	37.75 0.58 0.00	38.57 0.48 0.00	37.69 0.07 0.00	37.41 -0.46 0.00	47.25 -0.65 0.00	56.96 -0.85 0.00	49.45 -0.81 0.00	45.03 -0.73 0.00	37.97 -0.79 0.00	37.65 -0.83 0.00	37.98 -0.64 0.00	33.86 -0.48 0.00
LOWER___HUDSON 24059	43.14 1.33 0.00	39.18 1.21 0.00	37.52 1.15 0.00	33.59 0.92 0.00	34.64 0.96 0.00	31.34 0.84 0.00	30.00 0.85 0.00	21.61 0.67 0.00	19.46 0.73 0.00	23.18 0.84 0.00	34.06 1.33 0.00	36.83 1.44 0.00	38.74 1.57 0.00	39.70 1.60 0.00	39.29 1.67 0.00	39.62 1.75 0.00	50.20 2.30 0.00	60.57 2.76 0.00	52.67 2.41 0.00	47.89 2.13 0.00	40.64 1.88 0.00	40.30 1.82 0.00	40.44 1.82 0.00	35.98 1.64 0.00
LOWVILLE_115KV_TB2 356335	40.89 -0.91 0.00	36.96 -1.00 0.00	35.37 -1.00 0.00	32.26 -0.41 0.00	33.71 0.03 0.00	30.69 0.19 0.00	29.41 0.27 0.00	21.17 0.24 0.00	18.96 0.23 0.00	22.73 0.40 0.00	33.32 0.58 0.00	35.94 0.56 0.00	37.45 0.28 0.00	38.15 0.05 0.00	36.79 -0.84 0.00	36.98 -0.89 0.00	46.85 -1.05 0.00	56.24 -1.57 0.00	48.72 -1.54 0.00	44.28 -1.48 0.00	37.38 -1.38 0.00	36.95 -1.54 0.00	37.00 -1.62 0.00	32.88 -1.46 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.59 1.78 0.00	39.61 1.65 0.00	37.98 1.61 0.00	34.00 1.33 0.00	35.06 1.38 0.00	31.72 1.23 0.00	30.37 1.23 0.00	21.87 0.93 0.00	19.68 0.96 0.00	23.46 1.13 0.00	34.49 1.76 0.00	37.29 1.91 0.00	39.24 2.07 0.00	40.23 2.13 0.00	39.81 2.18 0.00	40.17 2.30 0.00	50.92 3.02 0.00	61.45 3.65 0.00	53.42 3.17 0.00	48.56 2.80 0.00	41.18 2.42 0.00	40.80 2.32 0.00	40.91 2.29 0.00	36.33 1.99 0.00

LUTHERNY_35_KV_BK2 355980	43.62 1.81 0.00	39.59 1.62 0.00	38.00 1.62 0.00	34.01 1.34 0.00	35.08 1.40 0.00	31.73 1.23 0.00	30.42 1.27 0.00	21.89 0.95 0.00	19.68 0.96 0.00	23.47 1.13 0.00	34.52 1.78 0.00	37.30 1.92 0.00	39.26 2.09 0.00	40.25 2.15 0.00	39.81 2.19 0.00	40.17 2.30 0.00	50.93 3.03 0.00	61.51 3.70 0.00	53.45 3.19 0.00	48.56 2.79 0.00	41.18 2.43 0.00	40.81 2.33 0.00	40.93 2.31 0.00	36.34 1.99 0.00
LWR___OSWEGATCHIE_HYD 23850	41.11 -0.69 0.00	37.15 -0.81 0.00	35.52 -0.86 0.00	32.23 -0.45 0.00	33.49 -0.19 0.00	30.32 -0.18 0.00	28.94 -0.21 0.00	20.79 -0.14 0.00	18.63 -0.09 0.00	22.48 0.14 0.00	32.98 0.24 0.00	35.61 0.22 0.00	37.23 0.05 0.00	37.99 -0.11 0.00	36.87 -0.76 0.00	36.77 -1.10 0.00	46.51 -1.39 0.00	56.01 -1.80 0.00	48.58 -1.68 0.00	44.18 -1.58 0.00	37.26 -1.50 0.00	36.88 -1.60 0.00	37.10 -1.53 0.00	33.04 -1.30 0.00
LYONS_FALL_HYD 23570	41.51 -0.29 0.00	37.60 -0.36 0.00	36.00 -0.37 0.00	32.63 -0.04 0.00	33.93 0.25 0.00	30.84 0.34 0.00	29.54 0.39 0.00	21.25 0.32 0.00	19.03 0.31 0.00	22.79 0.45 0.00	33.39 0.66 0.00	36.05 0.67 0.00	37.69 0.52 0.00	38.50 0.40 0.00	37.48 -0.15 0.00	37.73 -0.15 0.00	47.77 -0.13 0.00	57.46 -0.35 0.00	49.84 -0.42 0.00	45.31 -0.46 0.00	38.29 -0.47 0.00	37.88 -0.60 0.00	37.94 -0.68 0.00	33.70 -0.64 0.00
MADISON___COUNTY_LFGE 323628	42.31 0.50 0.00	38.52 0.56 0.00	36.91 0.53 0.00	33.18 0.50 0.00	34.25 0.57 0.00	31.09 0.59 0.00	29.73 0.58 0.00	21.37 0.44 0.00	19.12 0.39 0.00	22.83 0.50 0.00	33.42 0.68 0.00	36.13 0.75 0.00	37.94 0.77 0.00	38.91 0.81 0.00	38.36 0.74 0.00	38.70 0.82 0.00	48.92 1.02 0.00	58.90 1.09 0.00	51.16 0.91 0.00	46.54 0.78 0.00	39.36 0.60 0.00	39.02 0.54 0.00	39.06 0.44 0.00	34.69 0.34 0.00
MALONE___115KV_TB1 356076	42.74 0.93 0.00	38.56 0.59 0.00	36.81 0.43 0.00	33.20 0.52 0.00	34.40 0.71 0.00	30.90 0.41 0.00	29.68 0.53 0.00	21.31 0.38 0.00	19.16 0.44 0.00	23.04 0.70 0.00	33.87 1.14 0.00	36.65 1.26 0.00	38.53 1.35 0.00	39.39 1.29 0.00	38.50 0.88 0.00	38.32 0.45 0.00	48.27 0.37 0.00	58.18 0.37 0.00	50.46 0.20 0.00	45.88 0.12 0.00	38.53 -0.23 -1.05	39.16 -0.37 -0.99	39.27 -0.35 -0.99	35.27 -0.34 -1.27
MAPLEWOD_115KV_TB3 80458	43.16 1.36 0.00	39.20 1.24 0.00	37.52 1.15 0.00	33.62 0.95 0.00	34.65 0.97 0.00	31.36 0.86 0.00	30.00 0.86 0.00	21.60 0.67 0.00	19.44 0.71 0.00	23.16 0.82 0.00	34.05 1.31 0.00	36.80 1.42 0.00	38.72 1.55 0.00	39.70 1.60 0.00	39.29 1.66 0.00	39.53 1.65 0.00	50.09 2.19 0.00	60.45 2.65 0.00	52.55 2.30 0.00	47.79 2.03 0.00	40.54 1.78 0.00	40.20 1.72 0.00	40.35 1.73 0.00	35.99 1.64 0.00
MAPLE_RIDGE_WT_1 323574	41.45 -0.36 0.00	37.47 -0.49 0.00	36.16 -0.22 0.00	32.57 -0.10 0.00	33.72 0.04 0.00	30.56 0.06 0.00	29.23 0.08 0.00	20.99 0.06 0.00	18.78 0.06 0.00	22.43 0.09 0.00	32.88 0.15 0.00	35.52 0.13 0.00	37.18 0.01 0.00	37.93 -0.18 0.00	37.17 -0.46 0.00	37.39 -0.48 0.00	47.31 -0.59 0.00	56.81 -1.00 0.00	49.27 -0.99 0.00	44.83 -0.93 0.00	37.91 -0.85 0.00	37.65 -0.83 0.00	37.78 -0.84 0.00	33.61 -0.74 0.00
MAPLE_RIDGE_WT_2 323611	41.45 -0.36 0.00	37.47 -0.49 0.00	36.16 -0.22 0.00	32.57 -0.10 0.00	33.72 0.04 0.00	30.56 0.06 0.00	29.23 0.08 0.00	20.99 0.06 0.00	18.78 0.06 0.00	22.43 0.09 0.00	32.88 0.15 0.00	35.52 0.13 0.00	37.18 0.01 0.00	37.93 -0.18 0.00	37.17 -0.46 0.00	37.39 -0.48 0.00	47.31 -0.59 0.00	56.81 -1.00 0.00	49.27 -0.99 0.00	44.83 -0.93 0.00	37.91 -0.85 0.00	37.65 -0.83 0.00	37.78 -0.84 0.00	33.61 -0.74 0.00
MARBLE_RIVER_WT_PWR 323696	42.44 0.64 0.00	38.25 0.29 0.00	36.49 0.11 0.00	32.89 0.22 0.00	34.13 0.44 0.00	30.59 0.09 0.00	29.45 0.30 0.00	21.15 0.21 0.00	19.03 0.30 0.00	22.80 0.47 0.00	33.51 0.77 0.00	36.25 0.86 0.00	38.10 0.93 0.00	39.03 0.93 0.00	38.18 0.56 0.00	37.98 0.11 0.00	47.70 -0.20 0.00	57.43 -0.37 0.00	49.79 -0.46 0.00	45.26 -0.50 0.00	37.98 -0.78 15.18	22.35 -0.95 14.32	23.35 -0.95 14.32	15.07 -0.83 18.43
MARSHVLE_115KV_TB1 80742	43.36 1.55 0.00	39.33 1.37 0.00	37.97 1.59 0.00	34.19 1.52 0.00	35.23 1.55 0.00	31.96 1.47 0.00	30.55 1.40 0.00	21.90 0.97 0.00	19.53 0.80 0.00	23.31 0.98 0.00	34.21 1.47 0.00	36.88 1.49 0.00	38.73 1.56 0.00	39.70 1.60 0.00	39.00 1.37 0.00	39.26 1.39 0.00	49.79 1.89 0.00	60.04 2.24 0.00	52.14 1.88 0.00	47.44 1.68 0.00	40.10 1.35 0.00	39.75 1.27 0.00	39.83 1.21 0.00	35.28 0.93 0.00
MARSH_HILL_WT_PWR 323713	39.52 -2.28 0.00	36.14 -1.82 0.00	34.90 -1.47 0.00	31.22 -1.46 0.00	32.00 -1.68 0.00	28.91 -1.59 0.00	26.97 -2.17 0.00	18.91 -2.03 0.00	40.29 -2.34 -23.91	56.79 -2.75 -37.21	72.76 -4.31 -44.33	77.35 -4.48 -46.44	80.13 -4.69 -47.65	69.85 -4.82 -36.58	74.88 -4.49 -41.74	81.77 -4.45 -48.34	97.78 -5.68 -55.56	112.23 -6.66 -61.09	99.84 -5.66 -55.24	93.47 -5.07 -52.78	83.25 -4.31 -48.80	36.61 -4.15 -2.27	44.97 -4.10 -10.45	62.66 -3.69 -32.01
MCINTYRE_115KV_TB2 80467	43.23 1.42 0.00	39.16 1.20 0.00	37.51 1.14 0.00	33.85 1.17 0.00	34.97 1.28 0.00	31.53 1.03 0.00	30.08 0.93 0.00	21.58 0.64 0.00	19.33 0.61 0.00	23.31 0.97 0.00	34.20 1.46 0.00	36.97 1.59 0.00	38.79 1.62 0.00	39.65 1.55 0.00	38.84 1.21 0.00	38.76 0.89 0.00	48.99 1.10 0.00	59.11 1.30 0.00	51.32 1.07 0.00	46.75 0.99 0.00	39.42 0.65 0.00	39.08 0.60 0.00	39.31 0.69 0.00	34.97 0.63 0.00
MECO_____69_KV_BK1 80468	44.10 2.30 0.00	39.98 2.02 0.00	38.44 2.07 0.00	34.54 1.86 0.00	35.59 1.91 0.00	32.28 1.78 0.00	30.88 1.74 0.00	22.19 1.26 0.00	19.84 1.12 0.00	23.67 1.33 0.00	34.77 2.04 0.00	37.55 2.16 0.00	39.49 2.32 0.00	40.39 2.29 0.00	39.85 2.22 0.00	40.27 2.39 0.00	51.12 3.22 0.00	61.73 3.92 0.00	53.63 3.38 0.00	48.76 3.00 0.00	41.24 2.48 0.00	40.82 2.34 0.00	40.84 2.22 0.00	36.19 1.84 0.00
MENANDS___115KV_TB5 355628	43.05 1.25 0.00	39.10 1.14 0.00	37.44 1.06 0.00	33.53 0.86 0.00	34.57 0.88 0.00	31.28 0.78 0.00	29.93 0.78 0.00	21.55 0.62 0.00	19.39 0.67 0.00	23.10 0.76 0.00	33.96 1.23 0.00	36.71 1.32 0.00	38.60 1.43 0.00	39.59 1.49 0.00	39.18 1.55 0.00	39.36 1.49 0.00	49.87 1.97 0.00	60.18 2.37 0.00	52.32 2.06 0.00	47.58 1.81 0.00	40.38 1.62 0.00	40.03 1.55 0.00	40.21 1.59 0.00	35.91 1.56 0.00
MG INDUSTRY___DRP 24185	43.05 1.24 0.00	39.16 1.20 0.00	37.48 1.11 0.00	33.61 0.94 0.00	34.64 0.96 0.00	31.36 0.86 0.00	29.99 0.84 0.00	21.58 0.65 0.00	19.38 0.66 0.00	23.08 0.74 0.00	33.89 1.15 0.00	36.62 1.24 0.00	38.52 1.35 0.00	39.48 1.38 0.00	39.07 1.44 0.00	39.25 1.38 0.00	49.71 1.81 0.00	59.97 2.17 0.00	52.12 1.87 0.00	47.42 1.66 0.00	40.23 1.47 0.00	39.90 1.42 0.00	40.06 1.43 0.00	35.75 1.41 0.00

MID___OSWEGATCHIE_HYD 23849	41.11 -0.69 0.00	37.15 -0.81 0.00	35.52 -0.86 0.00	32.23 -0.45 0.00	33.49 -0.19 0.00	30.32 -0.18 0.00	28.94 -0.21 0.00	20.79 -0.14 0.00	18.63 -0.09 0.00	22.48 0.14 0.00	32.98 0.24 0.00	35.61 0.22 0.00	37.23 0.05 0.00	37.99 -0.11 0.00	36.87 -0.76 0.00	36.77 -1.10 0.00	46.51 -1.39 0.00	56.01 -1.80 0.00	48.58 -1.68 0.00	44.18 -1.58 0.00	37.26 -1.50 0.00	36.88 -1.60 0.00	37.10 -1.53 0.00	33.04 -1.30 0.00
MID___RAQUETTE_HYD 23851	42.00 0.20 0.00	38.03 0.06 0.00	36.40 0.03 0.00	32.87 0.20 0.00	34.01 0.32 0.00	30.61 0.11 0.00	29.16 0.01 0.00	20.91 -0.02 0.00	18.75 0.02 0.00	22.69 0.35 0.00	33.30 0.57 0.00	35.99 0.61 0.00	37.75 0.58 0.00	38.58 0.47 0.00	37.70 0.07 0.00	37.42 -0.46 0.00	47.25 -0.65 0.00	56.96 -0.85 0.00	49.45 -0.80 0.00	45.03 -0.73 0.00	37.97 -0.79 0.00	37.65 -0.83 0.00	37.99 -0.63 0.00	33.87 -0.48 0.00
MILLIKEN___1 23584	41.67 -0.13 0.00	37.87 -0.09 0.00	36.29 -0.08 0.00	32.57 -0.11 0.00	33.53 -0.15 0.00	30.42 -0.08 0.00	29.02 -0.13 0.00	20.82 -0.11 0.00	18.57 -0.15 0.00	22.17 -0.16 0.00	32.39 -0.35 0.00	35.02 -0.37 0.00	36.77 -0.40 0.00	37.75 -0.36 0.00	37.36 -0.27 0.00	37.69 -0.18 0.00	47.63 -0.27 0.00	57.61 -0.20 0.00	50.12 -0.14 0.00	45.60 -0.16 0.00	38.59 -0.17 0.00	38.30 -0.19 0.00	38.32 -0.30 0.00	34.04 -0.30 0.00
MILLIKEN___2 23585	41.67 -0.13 0.00	37.87 -0.09 0.00	36.29 -0.08 0.00	32.57 -0.11 0.00	33.53 -0.15 0.00	30.42 -0.08 0.00	29.02 -0.13 0.00	20.82 -0.11 0.00	18.57 -0.15 0.00	22.17 -0.16 0.00	32.39 -0.35 0.00	35.02 -0.37 0.00	36.77 -0.40 0.00	37.75 -0.36 0.00	37.36 -0.27 0.00	37.69 -0.18 0.00	47.63 -0.27 0.00	57.61 -0.20 0.00	50.12 -0.14 0.00	45.60 -0.16 0.00	38.59 -0.17 0.00	38.30 -0.19 0.00	38.32 -0.30 0.00	34.04 -0.30 0.00
MILLIKEN___DIESEL 23629	41.67 -0.13 0.00	37.87 -0.09 0.00	36.29 -0.08 0.00	32.57 -0.11 0.00	33.53 -0.15 0.00	30.42 -0.08 0.00	29.02 -0.13 0.00	20.82 -0.11 0.00	18.57 -0.15 0.00	22.17 -0.16 0.00	32.39 -0.35 0.00	35.02 -0.37 0.00	36.77 -0.40 0.00	37.75 -0.36 0.00	37.36 -0.27 0.00	37.69 -0.18 0.00	47.63 -0.27 0.00	57.61 -0.20 0.00	50.12 -0.14 0.00	45.60 -0.16 0.00	38.59 -0.17 0.00	38.30 -0.19 0.00	38.32 -0.30 0.00	34.04 -0.30 0.00
MILLSEAT___LFGE 323607	38.81 -2.99 0.00	35.24 -2.73 0.00	33.97 -2.41 0.00	30.84 -1.84 0.00	31.44 -2.25 0.00	28.54 -1.96 0.00	26.84 -2.31 0.00	19.03 -1.90 0.00	12.79 -1.92 4.02	13.84 -2.16 6.34	21.82 -3.30 7.62	23.97 -3.44 7.98	25.32 -3.67 8.18	27.97 -3.84 6.28	26.70 -3.75 7.17	25.71 -3.86 8.30	33.26 -5.10 9.54	41.85 -5.46 10.50	35.99 -4.78 9.49	32.35 -4.35 9.06	26.67 -3.73 8.37	34.27 -3.83 0.38	33.21 -3.65 1.76	25.48 -3.49 5.38
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.26 1.45 0.00	39.33 1.37 0.00	37.57 1.19 0.00	33.64 0.97 0.00	34.66 0.98 0.00	31.42 0.93 0.00	30.10 0.95 0.00	21.71 0.78 0.00	19.50 0.77 0.00	23.11 0.78 0.00	34.11 1.38 0.00	36.90 1.51 0.00	38.80 1.63 0.00	39.91 1.81 0.00	39.71 2.09 0.00	40.03 2.15 0.00	50.73 2.83 0.00	61.20 3.39 0.00	53.30 3.05 0.00	48.49 2.73 0.00	41.20 2.43 0.00	40.87 2.39 0.00	41.04 2.42 0.00	36.36 2.02 0.00
MILLWOOD_13_KV_LOAD 356217	43.31 1.50 0.00	39.38 1.42 0.00	37.60 1.23 0.00	33.67 1.00 0.00	34.69 1.01 0.00	31.46 0.96 0.00	30.14 0.99 0.00	21.73 0.80 0.00	19.52 0.79 0.00	23.14 0.80 0.00	34.15 1.41 0.00	36.93 1.55 0.00	38.84 1.67 0.00	39.96 1.86 0.00	39.76 2.13 0.00	40.08 2.21 0.00	50.80 2.91 0.00	61.29 3.48 0.00	53.38 3.13 0.00	48.56 2.80 0.00	41.25 2.49 0.00	40.91 2.43 0.00	41.09 2.47 0.00	36.40 2.06 0.00
MODEL_CITY_ENERGY 24167	37.43 -4.37 0.00	33.99 -3.97 0.00	32.84 -3.54 0.00	29.88 -2.79 0.00	30.41 -3.27 0.00	27.60 -2.90 0.00	25.86 -3.29 0.00	18.29 -2.65 0.00	11.07 -2.60 5.06	11.32 -2.96 8.06	18.51 -4.49 9.72	20.47 -4.73 10.19	21.66 -5.07 10.45	24.78 -5.30 8.02	23.29 -5.18 9.15	21.97 -5.30 10.60	28.67 -7.05 12.18	36.51 -7.88 13.41	31.28 -6.87 12.11	27.99 -6.21 11.57	22.84 -5.24 10.67	32.62 -5.37 0.48	31.32 -5.09 2.22	22.88 -4.69 6.78
MODERN_LFGE___ 323580	37.43 -4.37 0.00	33.99 -3.97 0.00	32.84 -3.54 0.00	29.88 -2.79 0.00	30.41 -3.27 0.00	27.60 -2.90 0.00	25.86 -3.29 0.00	18.29 -2.65 0.00	11.07 -2.60 5.06	11.32 -2.96 8.06	18.51 -4.49 9.72	20.47 -4.73 10.19	21.66 -5.07 10.45	24.78 -5.30 8.02	23.29 -5.18 9.15	21.97 -5.30 10.60	28.67 -7.05 12.18	36.51 -7.88 13.41	31.28 -6.87 12.11	27.99 -6.21 11.57	22.84 -5.24 10.67	32.62 -5.37 0.48	31.32 -5.09 2.22	22.88 -4.69 6.78
MOHAWK_PAPER___DRP 24187	43.16 1.36 0.00	39.20 1.24 0.00	37.52 1.15 0.00	33.62 0.95 0.00	34.65 0.97 0.00	31.36 0.86 0.00	30.00 0.86 0.00	21.60 0.67 0.00	19.44 0.71 0.00	23.16 0.82 0.00	34.05 1.31 0.00	36.80 1.42 0.00	38.72 1.55 0.00	39.70 1.60 0.00	39.29 1.66 0.00	39.53 1.65 0.00	50.09 2.19 0.00	60.45 2.65 0.00	52.55 2.30 0.00	47.79 2.03 0.00	40.54 1.78 0.00	40.20 1.72 0.00	40.35 1.73 0.00	35.99 1.64 0.00
MOHICAN___35_KV_115KV_LD 80490	43.75 1.95 0.00	39.87 1.91 0.00	38.25 1.88 0.00	34.19 1.52 0.00	35.27 1.59 0.00	31.89 1.39 0.00	30.54 1.39 0.00	22.00 1.07 0.00	19.90 1.18 0.00	23.72 1.38 0.00	34.90 2.16 0.00	37.77 2.38 0.00	39.76 2.59 0.00	40.76 2.66 0.00	40.33 2.70 0.00	40.72 2.85 0.00	51.60 3.71 0.00	62.27 4.46 0.00	54.17 3.92 0.00	49.26 3.49 0.00	41.76 3.00 0.00	41.36 2.87 0.00	41.40 2.78 0.00	36.75 2.41 0.00
MONGAUP___HYD 23641	43.20 1.39 0.00	39.24 1.28 0.00	37.50 1.13 0.00	33.59 0.91 0.00	34.59 0.91 0.00	31.35 0.85 0.00	30.01 0.86 0.00	21.63 0.70 0.00	19.39 0.66 0.00	23.03 0.68 0.00	33.66 0.92 0.00	36.63 1.25 0.00	38.61 1.44 0.00	39.72 1.62 0.00	39.51 1.88 0.00	39.97 2.09 0.00	50.68 2.78 0.00	61.36 3.55 0.00	53.43 3.17 0.00	48.33 2.56 0.00	41.02 2.25 0.00	40.85 2.37 0.00	40.93 2.31 0.00	36.21 1.87 0.00
MONTAUK___DIESEL 23721	42.21 0.41 0.00	38.32 0.36 0.00	36.46 0.08 0.00	33.05 0.37 0.00	35.21 1.53 0.00	32.36 1.86 0.00	31.10 1.96 0.00	22.13 1.20 0.00	19.80 1.08 0.00	22.74 0.40 0.00	33.54 0.81 0.00	36.08 0.69 0.00	38.22 1.05 0.00	39.86 1.77 0.00	51.89 3.05 -11.22	54.19 3.30 -13.01	52.07 3.44 -0.73	65.52 4.48 -3.23	53.73 3.47 0.00	50.35 3.09 -1.50	53.45 2.94 -11.75	53.43 3.04 -11.92	41.41 2.79 0.00	36.55 2.21 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.12 -2.69 0.00	35.82 -2.14 0.00	34.70 -1.67 0.00	31.44 -1.23 0.00	31.53 -2.15 0.00	28.47 -2.03 0.00	26.54 -2.61 0.00	18.52 -2.41 0.00	11.05 -2.46 5.22	11.34 -2.85 8.15	18.74 -4.26 9.73	20.63 -4.56 10.20	21.82 -4.89 10.46	25.08 -4.99 8.03	23.63 -4.84 9.16	22.63 -4.64 10.61	29.84 -5.86 12.20	38.21 -6.19 13.41	33.06 -5.07 12.13	29.73 -4.45 11.58	24.15 -3.90 10.71	33.41 -4.57 0.50	31.96 -4.38 2.28	23.37 -3.99 6.98

MORRIS_RIDGE___SOLAR 323848	38.92 -2.89 0.00	35.57 -2.38 0.00	34.36 -2.01 0.00	30.92 -1.76 0.00	31.58 -2.10 0.00	28.59 -1.91 0.00	26.80 -2.35 0.00	18.94 -1.99 0.01	-16.50 -2.09 33.14	-31.71 -2.45 51.60	-32.58 -3.82 61.49	-33.02 -3.98 64.42	-33.15 -4.23 66.09	-16.99 -4.35 50.74	-24.33 -4.06 57.90	-33.21 -4.03 67.06	-34.49 -5.32 77.07	-33.12 -6.19 84.74	-31.61 -5.23 76.63	-32.14 -4.70 73.21	-32.87 -3.95 67.69	31.48 -3.85 3.15	20.20 -3.93 14.49	-13.59 -3.58 44.36
MORTIMER_115KV_TB3 55949	39.48 -2.33 0.00	35.85 -2.11 0.00	34.46 -1.92 0.00	31.16 -1.51 0.00	31.90 -1.78 0.00	28.94 -1.56 0.00	27.42 -1.73 0.00	19.53 -1.40 0.00	17.26 -1.48 -0.01	20.64 -1.71 -0.01	30.15 -2.59 0.00	32.62 -2.77 0.00	34.22 -2.95 0.00	35.10 -3.00 0.00	34.67 -2.96 0.00	34.83 -3.05 0.00	43.95 -3.95 0.00	53.45 -4.36 0.00	46.41 -3.85 0.00	42.28 -3.48 0.00	35.74 -3.02 0.00	35.62 -2.87 0.00	35.77 -2.85 0.00	31.63 -2.73 -0.01
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.39 1.59 0.00	39.48 1.52 0.00	37.68 1.31 0.00	33.74 1.07 0.00	34.76 1.08 0.00	31.53 1.03 0.00	30.22 1.07 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.19 0.85 0.00	34.26 1.52 0.00	37.02 1.64 0.00	38.92 1.75 0.00	40.04 1.94 0.00	39.87 2.25 0.00	40.19 2.32 0.00	50.93 3.03 0.00	61.40 3.59 0.00	53.51 3.25 0.00	48.68 2.92 0.00	41.36 2.60 0.00	41.03 2.55 0.00	41.26 2.63 0.00	36.56 2.22 0.00
MUNSVILLE_WIND_PWR 323609	44.24 2.43 0.00	40.34 2.38 0.00	38.71 2.33 0.00	34.63 1.95 0.00	35.74 2.06 0.00	32.51 2.01 0.00	30.90 1.75 0.00	22.08 1.15 0.00	19.73 1.00 0.00	23.52 1.18 0.00	34.11 1.38 0.00	36.28 0.89 0.00	37.81 0.64 0.00	38.82 0.72 0.00	38.48 0.85 0.00	38.67 0.79 0.00	49.01 1.11 0.00	59.43 1.62 0.00	51.58 1.33 0.00	46.90 1.14 0.00	39.62 0.86 0.00	39.19 0.71 0.00	39.04 0.42 0.00	34.57 0.23 0.00
N SALMON___HYD 24042	42.74 0.93 0.00	38.55 0.59 0.00	36.81 0.43 0.00	33.20 0.52 0.00	34.40 0.71 0.00	30.90 0.41 0.00	29.67 0.53 0.00	21.31 0.38 0.00	19.16 0.44 0.00	23.04 0.70 0.00	33.87 1.14 0.00	36.65 1.26 0.00	38.53 1.35 0.00	39.39 1.29 0.00	38.50 0.87 0.00	38.31 0.44 0.00	48.27 0.37 0.00	58.18 0.37 0.00	50.46 0.20 0.00	45.88 0.12 0.00	38.53 -0.23 0.00	39.16 -0.37 -1.05	39.26 -0.35 -0.99	35.27 -0.34 -1.27
N.AKRON__115KV_KNAPP 355671	38.55 -3.26 0.00	35.00 -2.96 0.00	33.76 -2.61 0.00	30.68 -2.00 0.00	31.26 -2.43 0.00	28.37 -2.13 0.00	26.65 -2.50 0.00	18.88 -2.05 0.00	12.27 -2.11 4.35	13.09 -2.38 6.86	20.88 -3.61 8.24	22.90 -3.85 8.64	24.19 -4.12 8.86	27.04 -4.26 6.80	25.65 -4.22 7.76	24.48 -4.41 8.98	31.79 -5.78 10.33	40.17 -6.28 11.36	34.43 -5.56 10.27	30.99 -4.96 9.81	25.42 -4.28 9.05	33.90 -4.17 0.41	32.74 -3.98 1.90	24.71 -3.81 5.82
N.BELMOR_69_KV_BK1 55787	43.74 1.94 0.00	39.79 1.83 0.00	37.91 1.53 0.00	34.02 1.35 0.00	35.11 1.42 0.00	31.95 1.45 0.00	30.62 1.47 0.00	22.08 1.14 0.00	19.79 1.07 0.00	23.28 0.94 0.00	34.53 1.80 0.00	37.23 1.84 0.00	39.45 2.28 0.00	40.68 2.58 0.00	56.26 3.01 -15.62	59.04 3.05 -18.12	52.84 3.92 -1.02	66.96 4.66 -4.49	54.42 4.16 0.00	51.59 3.74 -2.09	58.45 3.33 -16.36	58.39 3.32 -16.59	41.89 3.27 0.00	37.05 2.71 0.00
N.E_GEN_SANDY PD 24062	43.28 1.48 0.00	39.31 1.35 0.00	37.62 1.24 0.00	33.68 1.00 0.00	34.74 1.06 0.00	31.42 0.92 0.00	30.07 0.92 0.00	21.66 0.74 0.02	20.41 0.82 -0.87	28.47 0.90 -5.23	36.46 1.46 -2.27	38.26 1.56 -1.31	39.86 1.67 -1.02	39.84 1.74 0.00	39.50 1.87 0.00	39.85 1.98 0.00	50.51 2.61 0.00	60.91 3.14 0.04	53.18 2.78 -0.13	48.21 2.45 0.00	40.96 2.20 0.00	40.71 2.16 -0.07	41.42 2.19 -0.60	38.47 1.95 -2.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.96 1.15 0.00	39.06 1.10 0.00	37.31 0.94 0.00	33.40 0.73 0.00	34.41 0.72 0.00	31.19 0.69 0.00	29.85 0.70 0.00	21.53 0.60 0.00	19.31 0.59 0.00	22.93 0.59 0.00	33.81 1.07 0.00	36.55 1.16 0.00	38.46 1.29 0.00	39.60 1.50 0.00	39.43 1.80 0.00	39.91 2.04 0.00	50.61 2.71 0.00	61.06 3.25 0.00	53.17 2.92 0.00	48.38 2.62 0.00	41.10 2.34 0.00	40.76 2.28 0.00	40.90 2.28 0.00	36.21 1.86 0.00
N.QUEENS_27_KV_LOAD 356247	43.40 1.60 0.00	39.51 1.55 0.00	37.69 1.31 0.00	33.79 1.11 0.00	34.77 1.08 0.00	31.56 1.06 0.00	30.29 1.14 0.00	21.85 0.91 0.00	19.61 0.88 0.00	23.22 0.88 0.00	34.35 1.62 0.00	37.15 1.77 0.00	38.95 1.78 0.00	40.13 2.03 0.00	39.93 2.30 0.00	40.29 2.42 0.00	50.98 3.08 0.00	61.52 3.72 0.00	53.61 3.35 0.00	48.81 3.05 0.00	41.50 2.73 0.00	41.16 2.68 0.00	41.33 2.71 0.00	36.58 2.23 -0.01
N.TROY___115KV_TB1 355778	43.14 1.33 0.00	39.18 1.22 0.00	37.52 1.15 0.00	33.59 0.92 0.00	34.64 0.96 0.00	31.34 0.84 0.00	30.00 0.85 0.00	21.61 0.67 0.00	19.46 0.73 0.00	23.18 0.84 0.00	34.07 1.33 0.00	36.83 1.44 0.00	38.74 1.57 0.00	39.70 1.60 0.00	39.30 1.67 0.00	39.63 1.75 0.00	50.20 2.30 0.00	60.57 2.77 0.00	52.67 2.42 0.00	47.89 2.13 0.00	40.64 1.88 0.00	40.30 1.82 0.00	40.44 1.82 0.00	35.98 1.64 0.00
NARROWS_GT1_1 24228	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT1_2 24229	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT1_3 24230	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT1_4 24231	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29

NARROWS_GT1_5 24232	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT1_6 24233	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT1_7 24234	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT1_8 24235	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_1 24236	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_2 24237	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_3 24238	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_4 24239	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_5 24240	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_6 24241	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_7 24242	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NARROWS_GT2_8 24243	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.18 2.37 0.00	40.10 2.14 0.00	38.37 2.00 0.00	34.38 1.70 0.00	35.43 1.75 0.00	32.07 1.57 0.00	30.71 1.56 0.00	22.13 1.19 0.00	19.92 1.19 0.00	23.74 1.41 0.00	34.89 2.15 0.00	37.73 2.34 0.00	39.72 2.55 0.00	40.70 2.60 0.00	40.29 2.66 0.00	40.46 2.59 0.00	51.34 3.44 0.00	62.02 4.21 0.00	53.90 3.64 0.00	48.98 3.22 0.00	41.49 2.73 0.00	41.06 2.58 0.00	41.14 2.53 0.00	36.70 2.35 0.00
NCHELSEA_115KV_TR2 355582	43.65 1.84 0.00	39.66 1.70 0.00	37.89 1.51 0.00	33.92 1.24 0.00	34.96 1.28 0.00	31.69 1.19 0.00	30.34 1.19 0.00	21.88 0.95 0.00	19.65 0.93 0.00	23.33 1.00 0.00	34.40 1.67 0.00	37.23 1.84 0.00	39.17 2.00 0.00	40.28 2.18 0.00	40.08 2.46 0.00	40.47 2.60 0.00	51.34 3.44 0.00	62.00 4.19 0.00	53.96 3.71 0.00	49.09 3.33 0.00	41.66 2.90 0.00	41.30 2.82 0.00	41.44 2.81 0.00	36.69 2.35 0.00
NEG CAPITAL___MECHNVIL 23645	43.67 1.86 0.00	39.68 1.71 0.00	38.03 1.65 0.00	34.04 1.36 0.00	35.10 1.42 0.00	31.76 1.26 0.00	30.39 1.25 0.00	21.90 0.97 0.00	19.71 0.99 0.00	23.50 1.17 0.00	34.56 1.82 0.00	37.37 1.98 0.00	39.32 2.15 0.00	40.30 2.20 0.00	39.88 2.26 0.00	40.25 2.38 0.00	51.03 3.13 0.00	61.59 3.78 0.00	53.54 3.28 0.00	48.66 2.90 0.00	41.26 2.50 0.00	40.89 2.41 0.00	40.99 2.37 0.00	36.40 2.06 0.00

NEG CENTRAL_HIGH_ACRES 23767	39.15 -2.66 0.00	35.57 -2.39 0.00	34.17 -2.21 0.00	30.85 -1.83 0.00	31.61 -2.07 0.00	28.68 -1.82 0.00	27.22 -1.93 0.00	19.42 -1.51 0.00	17.21 -1.52 0.00	20.58 -1.75 0.00	30.17 -2.57 0.00	32.68 -2.70 0.00	34.31 -2.86 0.00	35.17 -2.93 0.00	34.76 -2.87 0.00	34.98 -2.89 0.00	44.13 -3.77 0.00	53.59 -4.22 0.00	46.53 -3.73 0.00	42.34 -3.42 0.00	35.81 -2.95 0.00	35.61 -2.87 0.00	35.73 -2.89 0.00	31.63 -2.72 0.00
NEG CENTRAL___DRP 24199	40.71 -1.09 0.00	37.03 -0.94 0.00	35.52 -0.86 0.00	31.90 -0.77 0.00	32.80 -0.88 0.00	29.75 -0.75 0.00	28.31 -0.84 0.00	20.28 -0.66 0.00	20.43 -0.71 -2.42	25.30 -0.80 -3.77	35.85 -1.37 -4.49	38.65 -1.45 -4.71	40.47 -1.52 -4.83	40.30 -1.50 -3.71	40.44 -1.41 -4.23	41.42 -1.35 -4.90	51.74 -1.79 -5.63	62.02 -1.98 -6.19	54.17 -1.68 -5.60	49.56 -1.55 -5.35	42.35 -1.35 -4.94	37.48 -1.24 -0.23	38.36 -1.32 -1.06	36.31 -1.27 -3.24
NEG CENTRAL___INDECK 23768	40.60 -1.21 0.00	36.95 -1.01 0.00	35.57 -0.81 0.00	32.05 -0.62 0.00	32.82 -0.86 0.00	29.73 -0.77 0.00	28.05 -1.10 0.00	19.92 -1.01 0.00	41.76 -1.17 -24.21	58.71 -1.30 -37.68	75.52 -2.11 -44.89	80.21 -2.20 -47.03	83.01 -2.41 -48.25	72.59 -2.54 -37.04	77.52 -2.37 -42.27	84.59 -2.23 -48.95	101.32 -2.84 -56.26	116.80 -2.87 -61.86	103.73 -2.47 -55.94	96.96 -2.24 -53.44	86.20 -1.98 -49.42	38.83 -1.96 -2.30	47.16 -2.05 -10.59	64.74 -2.01 -32.41
NEG CENTRAL___SENECA 23627	40.53 -1.27 0.00	36.87 -1.09 0.00	35.41 -0.97 0.00	31.80 -0.88 0.00	32.65 -1.03 0.00	29.62 -0.87 0.00	28.13 -1.01 0.00	20.13 -0.81 0.00	21.78 -0.87 -3.93	27.47 -0.99 -6.12	38.34 -1.69 -7.30	41.27 -1.76 -7.65	43.15 -1.87 -7.84	42.27 -1.85 -6.02	42.78 -1.72 -6.87	44.17 -1.66 -7.96	54.83 -2.22 -9.14	65.41 -2.46 -10.06	57.29 -2.06 -9.09	52.57 -1.88 -8.69	45.13 -1.66 -8.03	37.41 -1.45 -0.37	38.75 -1.59 -1.72	38.04 -1.58 -5.27
NEG CENTRAL___STATE_STREET 24147	41.16 -0.65 0.00	37.42 -0.55 0.00	35.86 -0.51 0.00	32.22 -0.45 0.00	33.17 -0.52 0.00	30.08 -0.42 0.00	28.69 -0.46 0.00	20.57 -0.36 0.00	18.30 -0.42 0.00	21.86 -0.48 0.00	31.92 -0.82 0.00	34.51 -0.87 0.00	36.26 -0.91 0.00	37.21 -0.88 0.00	36.80 -0.82 0.00	37.11 -0.75 0.00	46.89 -1.01 0.00	56.73 -1.08 0.00	49.34 -0.92 0.00	44.90 -0.86 0.00	38.00 -0.76 0.00	37.75 -0.74 0.00	37.80 -0.83 0.00	33.59 -0.75 0.00
NEG MILLWOOD___DRP 24198	43.77 1.96 0.00	39.77 1.81 0.00	37.97 1.60 0.00	34.00 1.33 0.00	35.04 1.36 0.00	31.77 1.27 0.00	30.43 1.28 0.00	21.94 1.01 0.00	19.72 0.99 0.00	23.40 1.06 0.00	34.52 1.78 0.00	37.34 1.96 0.00	39.30 2.13 0.00	40.40 2.30 0.00	40.23 2.60 0.00	40.59 2.72 0.00	51.51 3.61 0.00	62.19 4.38 0.00	54.14 3.89 0.00	49.24 3.48 0.00	41.80 3.04 0.00	41.44 2.96 0.00	41.58 2.96 0.00	36.83 2.49 0.00
NEG NORTH_FLCN_SEA 23793	42.93 1.13 0.00	38.70 0.74 0.00	36.90 0.52 0.00	33.25 0.57 0.00	34.43 0.75 0.00	30.75 0.26 0.00	29.62 0.47 0.00	21.29 0.35 0.00	19.18 0.46 0.00	22.97 0.63 0.00	33.79 1.05 0.00	36.53 1.15 0.00	38.40 1.23 0.00	39.39 1.29 0.00	38.54 0.91 0.00	38.32 0.45 0.00	48.02 0.12 0.00	57.85 0.04 0.00	50.15 -0.11 0.00	45.61 -0.15 0.00	38.23 -0.52 0.00	21.46 -0.77 16.26	22.52 -0.76 15.34	14.05 -0.55 19.75
NEG NORTH_KES_CHATEGAY 23792	42.55 0.75 0.00	38.37 0.41 0.00	36.63 0.25 0.00	33.04 0.36 0.00	34.25 0.56 0.00	30.70 0.20 0.00	29.55 0.41 0.00	21.21 0.28 0.00	19.08 0.35 0.00	22.85 0.52 0.00	33.59 0.86 0.00	36.35 0.97 0.00	38.19 1.02 0.00	39.11 1.01 0.00	38.24 0.62 0.00	38.08 0.20 0.00	47.87 -0.02 0.00	57.66 -0.15 0.00	50.01 -0.25 0.00	45.46 -0.30 0.00	38.15 -0.61 0.00	39.29 -0.76 -1.58	39.34 -0.77 -1.49	35.57 -0.69 -1.92
NEG NORTH___ALICE_FALLS 23915	43.04 1.23 0.00	38.78 0.82 0.00	36.98 0.60 0.00	33.32 0.64 0.00	34.53 0.85 0.00	30.90 0.40 0.00	29.76 0.62 0.00	21.39 0.46 0.00	19.27 0.54 0.00	23.09 0.75 0.00	33.97 1.23 0.00	36.73 1.35 0.00	38.63 1.46 0.00	39.60 1.50 0.00	38.74 1.11 0.00	38.54 0.67 0.00	48.34 0.44 0.00	58.26 0.46 0.00	50.51 0.26 0.00	45.92 0.16 0.00	38.50 -0.26 0.00	49.26 -0.50 -11.27	48.74 -0.51 -10.64	47.61 -0.42 -13.69
NEG NORTH___LWR_SARANAC 23913	43.04 1.23 0.00	38.78 0.82 0.00	36.98 0.60 0.00	33.32 0.64 0.00	34.53 0.85 0.00	30.90 0.40 0.00	29.76 0.62 0.00	21.39 0.46 0.00	19.27 0.54 0.00	23.09 0.75 0.00	33.97 1.23 0.00	36.73 1.35 0.00	38.63 1.46 0.00	39.60 1.50 0.00	38.74 1.11 0.00	38.54 0.67 0.00	48.34 0.44 0.00	58.26 0.46 0.00	50.51 0.26 0.00	45.92 0.16 0.00	38.50 -0.26 0.00	49.26 -0.50 -11.27	48.74 -0.51 -10.64	47.61 -0.42 -13.69
NEG NORTH___PLATTSBURG 23628	43.04 1.23 0.00	38.78 0.82 0.00	36.98 0.60 0.00	33.32 0.64 0.00	34.53 0.85 0.00	30.90 0.40 0.00	29.76 0.62 0.00	21.39 0.46 0.00	19.27 0.54 0.00	23.09 0.75 0.00	33.97 1.23 0.00	36.74 1.35 0.00	38.63 1.46 0.00	39.60 1.50 0.00	38.74 1.11 0.00	38.54 0.67 0.00	48.33 0.43 0.00	58.26 0.46 0.00	50.51 0.25 0.00	45.91 0.15 0.00	38.50 -0.26 0.00	49.25 -0.50 -11.27	48.74 -0.51 -10.64	47.61 -0.42 -13.69
NEG WEST_LEA_LOCKPORT 23791	37.84 -3.97 0.00	34.38 -3.58 0.00	33.20 -3.17 0.00	30.20 -2.48 0.00	30.74 -2.94 0.00	27.89 -2.60 0.00	26.15 -3.00 0.00	18.48 -2.45 0.00	10.95 -2.50 5.27	11.18 -2.86 8.29	18.45 -4.34 9.94	20.34 -4.63 10.42	21.51 -4.98 10.68	24.77 -5.12 8.20	23.19 -5.08 9.36	21.75 -5.28 10.84	28.49 -6.95 12.46	36.38 -7.72 13.71	31.08 -6.78 12.39	27.87 -6.05 11.84	22.65 -5.18 10.93	32.98 -5.00 0.50	31.53 -4.78 2.31	22.77 -4.52 7.06
NEG WEST___LANCASTER 23811	39.33 -2.47 0.00	35.72 -2.24 0.00	34.44 -1.94 0.00	31.15 -1.52 0.00	31.85 -1.83 0.00	28.81 -1.69 0.00	27.18 -1.97 0.00	19.29 -1.64 0.00	11.69 -1.71 5.32	12.07 -1.94 8.32	19.91 -2.87 9.95	21.85 -3.11 10.42	23.08 -3.40 10.69	26.45 -3.44 8.21	24.98 -3.28 9.37	23.60 -3.42 10.85	30.88 -4.55 12.47	39.02 -5.07 13.71	33.49 -4.36 12.40	30.05 -3.86 11.84	24.49 -3.33 10.94	34.69 -3.28 0.51	33.25 -3.05 2.33	24.34 -2.88 7.12
NEG_PENN_ALLEGHNY 23528	41.10 -0.70 0.00	37.36 -0.60 0.00	35.84 -0.54 0.00	32.11 -0.56 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.41 0.00	18.30 -0.42 0.00	21.84 -0.49 0.00	31.92 -0.82 0.00	34.55 -0.84 0.00	36.28 -0.89 0.00	37.24 -0.86 0.00	36.92 -0.71 0.00	37.22 -0.66 0.00	46.99 -0.91 0.00	56.73 -1.08 0.00	49.43 -0.83 0.00	45.00 -0.76 0.00	38.10 -0.65 0.00	37.86 -0.62 0.00	37.93 -0.69 0.00	33.70 -0.64 0.00
NEG___GEN_MONROE 24207	39.61 -2.20 0.00	35.95 -2.01 0.00	34.57 -1.81 0.00	31.27 -1.40 0.00	32.02 -1.67 0.00	29.03 -1.47 0.00	27.48 -1.67 0.00	19.57 -1.36 0.00	17.30 -1.45 -0.02	20.70 -1.65 -0.01	30.23 -2.51 0.00	32.72 -2.67 0.00	34.31 -2.86 0.00	35.18 -2.92 0.00	34.75 -2.88 0.00	34.90 -2.98 0.00	44.06 -3.84 -0.01	53.66 -4.15 0.00	46.58 -3.68 -0.01	42.45 -3.31 -0.01	35.86 -2.91 -0.01	35.72 -2.77 0.00	35.89 -2.74 -0.01	31.71 -2.66 -0.02

NEPA___ENERGY 23901	38.70 -3.11 0.00	35.29 -2.67 0.00	34.11 -2.27 0.00	30.93 -1.74 0.00	31.35 -2.34 0.00	28.36 -2.14 0.00	26.52 -2.63 0.00	18.68 -2.25 0.00	9.02 -2.34 7.36	8.15 -2.70 11.48	14.95 -4.08 13.70	16.70 -4.33 14.35	17.78 -4.67 14.72	22.03 -4.77 11.30	20.07 -4.65 12.90	18.20 -4.74 14.94	24.63 -6.11 17.17	32.25 -6.68 18.88	27.47 -5.71 17.07	24.42 -5.04 16.31	19.33 -4.36 15.07	33.36 -4.42 0.70	31.11 -4.29 3.22	20.44 -4.06 9.85
NEVERSINK___HYD 23608	43.20 1.39 0.00	39.17 1.21 0.00	37.41 1.03 0.00	33.49 0.82 0.00	34.50 0.81 0.00	31.28 0.78 0.00	29.96 0.82 0.00	21.61 0.68 0.00	19.39 0.66 0.00	23.04 0.70 0.00	33.90 1.17 0.00	36.70 1.31 0.00	38.63 1.46 0.00	39.73 1.64 0.00	39.55 1.93 0.00	40.03 2.16 0.00	50.80 2.89 0.00	61.39 3.59 0.00	53.44 3.18 0.00	48.62 2.85 0.00	41.23 2.47 0.00	40.85 2.37 0.00	40.94 2.32 0.00	36.20 1.86 0.00
NEWKRMKL_115KV_TB1 55635	43.00 1.19 0.00	39.06 1.10 0.00	37.38 1.00 0.00	33.50 0.83 0.00	34.53 0.84 0.00	31.26 0.76 0.00	29.91 0.76 0.00	21.53 0.60 0.00	19.37 0.64 0.00	23.06 0.72 0.00	33.90 1.17 0.00	36.65 1.27 0.00	38.56 1.38 0.00	39.53 1.43 0.00	39.11 1.48 0.00	39.23 1.36 0.00	49.70 1.80 0.00	59.97 2.17 0.00	52.13 1.88 0.00	47.41 1.65 0.00	40.23 1.47 0.00	39.88 1.40 0.00	40.07 1.45 0.00	35.85 1.50 0.00
NEWTON___FALLS_HYD 23847	41.11 -0.69 0.00	37.15 -0.81 0.00	35.52 -0.86 0.00	32.23 -0.45 0.00	33.49 -0.19 0.00	30.32 -0.18 0.00	28.94 -0.21 0.00	20.79 -0.14 0.00	18.63 -0.09 0.00	22.48 0.14 0.00	32.98 0.24 0.00	35.61 0.22 0.00	37.23 0.05 0.00	37.99 -0.11 0.00	36.87 -0.76 0.00	36.77 -1.10 0.00	46.51 -1.39 0.00	56.01 -1.80 0.00	48.58 -1.68 0.00	44.18 -1.58 0.00	37.26 -1.50 0.00	36.88 -1.60 0.00	37.10 -1.53 0.00	33.04 -1.30 0.00
NGRID_A1_DSASP 323792	37.24 -4.57 0.00	33.82 -4.14 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.46 -3.03 0.00	25.75 -3.39 0.00	18.19 -2.74 0.00	10.56 -2.76 5.41	10.73 -3.19 8.42	17.70 -5.01 10.03	19.60 -5.28 10.51	20.74 -5.65 10.78	24.03 -5.80 8.28	22.46 -5.72 9.44	21.02 -5.92 10.94	27.48 -7.85 12.57	35.11 -8.87 13.82	30.01 -7.74 12.50	26.85 -6.97 11.94	21.85 -5.87 11.04	32.31 -5.65 0.51	30.85 -5.40 2.37	22.08 -5.03 7.24
NGRID_A2_DSASP 323793	37.24 -4.57 0.00	33.82 -4.14 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.46 -3.03 0.00	25.75 -3.39 0.00	18.19 -2.74 0.00	10.56 -2.76 5.41	10.73 -3.19 8.42	17.70 -5.01 10.03	19.60 -5.28 10.51	20.74 -5.65 10.78	24.03 -5.80 8.28	22.46 -5.72 9.44	21.02 -5.92 10.94	27.48 -7.85 12.57	35.11 -8.87 13.82	30.01 -7.74 12.50	26.85 -6.97 11.94	21.85 -5.87 11.04	32.31 -5.65 0.51	30.85 -5.40 2.37	22.08 -5.03 7.24
NGRID_A4_DSASP 323807	37.24 -4.57 0.00	33.82 -4.14 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.46 -3.03 0.00	25.75 -3.39 0.00	18.19 -2.74 0.00	10.56 -2.76 5.41	10.73 -3.19 8.42	17.70 -5.01 10.03	19.60 -5.28 10.51	20.74 -5.65 10.78	24.03 -5.80 8.28	22.46 -5.72 9.44	21.02 -5.92 10.94	27.48 -7.85 12.57	35.11 -8.87 13.82	30.01 -7.74 12.50	26.85 -6.97 11.94	21.85 -5.87 11.04	32.31 -5.65 0.51	30.85 -5.40 2.37	22.08 -5.03 7.24
NIAGARA_115E_LBMP 323715	37.19 -4.62 0.00	33.77 -4.20 0.00	32.63 -3.75 0.00	29.70 -2.97 0.00	30.22 -3.47 0.00	27.42 -3.07 0.00	25.69 -3.46 0.00	18.16 -2.78 0.00	10.86 -2.70 5.17	11.01 -3.07 8.26	18.09 -4.66 9.98	20.02 -4.91 10.46	21.19 -5.26 10.72	24.35 -5.51 8.23	22.85 -5.39 9.39	21.49 -5.51 10.88	28.07 -7.33 12.50	35.79 -8.25 13.77	30.66 -7.16 12.43	27.41 -6.47 11.87	22.34 -5.47 10.94	32.35 -5.64 0.49	31.04 -5.31 2.26	22.56 -4.86 6.92
NIAGARA_115W_LBMP 323714	37.17 -4.64 0.00	33.75 -4.21 0.00	32.60 -3.77 0.00	29.68 -2.99 0.00	30.23 -3.45 0.00	27.42 -3.08 0.00	25.71 -3.44 0.00	18.15 -2.78 0.00	10.56 -2.78 5.39	10.74 -3.22 8.38	17.70 -5.06 9.97	19.60 -5.34 10.45	20.74 -5.71 10.72	24.01 -5.86 8.23	22.45 -5.78 9.39	21.01 -5.99 10.88	27.46 -7.93 12.50	35.09 -8.97 13.75	29.98 -7.84 12.43	26.83 -7.06 11.87	21.84 -5.94 10.98	32.26 -5.71 0.51	30.80 -5.46 2.35	22.06 -5.07 7.21
NIAGARA_230_LBMP 323716	37.53 -4.27 0.00	34.09 -3.87 0.00	32.92 -3.46 0.00	29.94 -2.74 0.00	30.50 -3.18 0.00	27.66 -2.83 0.00	25.97 -3.18 0.00	18.36 -2.57 0.00	10.94 -2.63 5.15	11.30 -3.05 7.98	18.59 -4.66 9.48	20.54 -4.91 9.94	21.71 -5.26 10.20	24.85 -5.42 7.83	23.36 -5.33 8.93	22.02 -5.51 10.34	28.71 -7.30 11.89	36.48 -8.25 13.07	31.25 -7.18 11.82	27.99 -6.48 11.29	22.80 -5.51 10.45	32.65 -5.34 0.49	31.22 -5.15 2.25	22.60 -4.84 6.90
NIAGARA___115KV_198_GIBSON 55903	37.15 -4.66 0.00	33.74 -4.22 0.00	32.60 -3.78 0.00	29.69 -2.99 0.00	30.23 -3.45 0.00	27.42 -3.08 0.00	25.71 -3.44 0.00	18.15 -2.78 0.00	10.53 -2.81 5.39	10.72 -3.25 8.38	17.67 -5.09 9.97	19.50 -5.44 10.45	20.64 -5.81 10.72	23.93 -5.94 8.23	22.37 -5.87 9.39	20.94 -6.05 10.88	27.46 -7.93 12.50	35.08 -8.99 13.75	29.94 -7.89 12.43	26.85 -7.03 11.87	21.84 -5.94 10.98	32.24 -5.73 0.51	30.80 -5.47 2.35	22.05 -5.09 7.21
NIAGARA___ 23760	37.53 -4.27 0.00	34.09 -3.87 0.00	32.92 -3.46 0.00	29.94 -2.74 0.00	30.50 -3.18 0.00	27.66 -2.83 0.00	25.97 -3.18 0.00	18.36 -2.57 0.00	10.91 -2.63 5.18	11.24 -3.05 8.05	18.46 -4.66 9.62	20.40 -4.91 10.07	21.57 -5.26 10.34	24.74 -5.42 7.93	23.24 -5.33 9.06	21.87 -5.51 10.49	28.54 -7.30 12.07	36.28 -8.25 13.27	31.07 -7.18 12.00	27.82 -6.48 11.46	22.67 -5.51 10.58	32.65 -5.34 0.49	31.21 -5.15 2.27	22.57 -4.84 6.93
NINE_MILE_1 23575	40.26 -1.54 0.00	36.57 -1.39 0.00	35.07 -1.31 0.00	31.52 -1.16 0.00	32.45 -1.23 0.00	29.42 -1.08 0.00	28.09 -1.06 0.00	20.14 -0.80 0.00	17.94 -0.79 0.00	21.39 -0.94 0.00	31.22 -1.52 0.00	33.74 -1.65 0.00	35.44 -1.73 0.00	36.34 -1.76 0.00	35.90 -1.73 0.00	36.16 -1.71 0.00	45.70 -2.20 0.00	55.23 -2.58 0.00	48.02 -2.24 0.00	43.70 -2.06 0.00	37.01 -1.74 0.00	36.75 -1.73 0.00	36.88 -1.74 0.00	32.84 -1.50 0.00
NINE_MILE_2 23744	40.26 -1.54 0.00	36.57 -1.39 0.00	35.07 -1.31 0.00	31.52 -1.16 0.00	32.46 -1.22 0.00	29.42 -1.08 0.00	28.09 -1.06 0.00	20.14 -0.79 0.00	17.94 -0.79 0.00	21.39 -0.94 0.00	31.22 -1.52 0.00	33.75 -1.63 0.00	35.44 -1.73 0.00	36.34 -1.76 0.00	35.90 -1.73 0.00	36.16 -1.71 0.00	45.71 -2.19 0.00	55.25 -2.56 0.00	48.02 -2.23 0.00	43.70 -2.06 0.00	37.02 -1.74 0.00	36.76 -1.73 0.00	36.89 -1.73 0.00	32.85 -1.50 0.00
NM_CAPITAL___DRP 24208	43.01 1.20 0.00	39.07 1.11 0.00	37.39 1.01 0.00	33.50 0.83 0.00	34.53 0.85 0.00	31.25 0.76 0.00	29.90 0.76 0.00	21.53 0.60 0.00	19.37 0.65 0.00	23.08 0.74 0.00	33.92 1.18 0.00	36.66 1.27 0.00	38.56 1.39 0.00	39.54 1.44 0.00	39.13 1.50 0.00	39.29 1.42 0.00	49.78 1.88 0.00	60.06 2.25 0.00	52.22 1.96 0.00	47.48 1.72 0.00	40.30 1.54 0.00	39.96 1.48 0.00	40.14 1.52 0.00	35.87 1.52 0.00

NM_CENTRAL___DRP 24181	40.86 -0.95 0.00	37.13 -0.83 0.00	35.58 -0.80 0.00	31.98 -0.70 0.00	32.92 -0.77 0.00	29.86 -0.64 0.00	28.50 -0.65 0.00	20.43 -0.50 0.00	18.20 -0.52 0.00	21.73 -0.61 0.00	31.72 -1.01 0.00	34.30 -1.09 0.00	36.04 -1.14 0.00	36.98 -1.12 0.00	36.54 -1.08 0.00	36.84 -1.03 0.00	46.56 -1.34 0.00	56.30 -1.51 0.00	48.94 -1.32 0.00	44.53 -1.23 0.00	37.70 -1.06 0.00	37.44 -1.05 0.00	37.53 -1.09 0.00	33.38 -0.96 0.00
NM_FRONTIER___DRP 24179	37.15 -4.66 0.00	33.74 -4.22 0.00	32.60 -3.78 0.00	29.69 -2.99 0.00	30.23 -3.45 0.00	27.42 -3.08 0.00	25.71 -3.44 0.00	18.15 -2.78 0.00	10.53 -2.81 5.39	10.72 -3.25 8.38	17.67 -5.09 9.97	19.50 -5.44 10.45	20.64 -5.81 10.72	23.93 -5.94 8.23	22.37 -5.87 9.39	20.94 -6.05 10.88	27.46 -7.93 12.50	35.08 -8.99 13.75	29.94 -7.89 12.43	26.85 -7.03 11.87	21.84 -5.94 10.98	32.24 -5.73 0.51	30.80 -5.47 2.35	22.05 -5.09 7.21
NM_ST_REGIS___HYD 24053	42.23 0.42 0.00	38.18 0.22 0.00	36.52 0.14 0.00	32.98 0.30 0.00	34.14 0.46 0.00	30.70 0.21 0.00	29.31 0.16 0.00	21.03 0.10 0.00	18.87 0.15 0.00	22.80 0.47 0.00	33.49 0.75 0.00	36.21 0.82 0.00	37.99 0.82 0.00	38.83 0.72 0.00	37.94 0.31 0.00	37.67 -0.20 0.00	47.55 -0.35 0.00	57.31 -0.50 0.00	49.73 -0.52 0.00	45.27 -0.49 0.00	38.12 -0.64 0.00	38.18 -0.71 -0.40	38.45 -0.55 -0.38	34.40 -0.44 -0.49
NORTHPORT___1 23551	43.66 1.86 0.00	39.74 1.77 0.00	37.82 1.44 0.00	34.02 1.34 0.00	35.15 1.46 0.00	32.05 1.55 0.00	30.72 1.57 0.00	22.17 1.24 0.00	19.86 1.14 0.00	23.27 0.93 0.00	34.54 1.80 0.00	37.21 1.82 0.00	39.47 2.29 0.00	40.78 2.68 0.00	51.82 3.14 -11.05	53.94 3.24 -12.82	52.50 3.89 -0.72	65.60 4.61 -3.18	54.34 4.08 0.00	50.95 3.71 -1.48	53.75 3.40 -11.58	53.63 3.41 -11.75	41.94 3.32 0.00	37.08 2.74 0.00
NORTHPORT___2 23552	43.66 1.86 0.00	39.74 1.77 0.00	37.82 1.44 0.00	34.02 1.34 0.00	35.15 1.46 0.00	32.05 1.55 0.00	30.72 1.57 0.00	22.17 1.24 0.00	19.86 1.14 0.00	23.27 0.93 0.00	34.54 1.80 0.00	37.21 1.82 0.00	39.47 2.29 0.00	40.78 2.68 0.00	51.82 3.14 -11.05	53.94 3.24 -12.82	52.50 3.89 -0.72	65.60 4.61 -3.18	54.34 4.08 0.00	50.95 3.71 -1.48	53.75 3.40 -11.58	53.63 3.41 -11.75	41.94 3.32 0.00	37.08 2.74 0.00
NORTHPORT___3 23553	43.29 1.48 0.00	39.39 1.43 0.00	37.51 1.13 0.00	33.70 1.02 0.00	34.81 1.13 0.00	31.72 1.23 0.00	30.41 1.26 0.00	21.95 1.02 0.00	19.66 0.94 0.00	23.06 0.72 0.00	34.25 1.51 0.00	36.90 1.52 0.00	39.12 1.95 0.00	40.40 2.30 0.00	51.56 2.78 -11.16	53.68 2.87 -12.94	51.97 3.34 -0.73	64.95 3.93 -3.21	53.76 3.50 0.00	50.42 3.16 -1.49	53.37 2.92 -11.69	53.29 2.96 -11.85	41.54 2.92 0.00	36.77 2.42 0.00
NORTHPORT___4 23650	43.29 1.48 0.00	39.39 1.43 0.00	37.51 1.13 0.00	33.70 1.02 0.00	34.81 1.13 0.00	31.72 1.23 0.00	30.41 1.26 0.00	21.95 1.02 0.00	19.66 0.94 0.00	23.06 0.72 0.00	34.25 1.51 0.00	36.90 1.52 0.00	39.12 1.95 0.00	40.40 2.30 0.00	51.56 2.78 -11.16	53.68 2.87 -12.94	51.97 3.34 -0.73	64.95 3.93 -3.21	53.76 3.50 0.00	50.42 3.16 -1.49	53.37 2.92 -11.69	53.29 2.96 -11.85	41.54 2.92 0.00	36.77 2.42 0.00
NORTHPORT___IC 23718	43.66 1.86 0.00	39.74 1.77 0.00	37.82 1.45 0.00	34.01 1.34 0.00	35.15 1.46 0.00	32.05 1.55 0.00	30.72 1.58 0.00	22.17 1.24 0.00	19.87 1.15 0.00	23.27 0.93 0.00	34.54 1.80 0.00	37.22 1.83 0.00	39.48 2.31 0.00	40.81 2.70 0.00	51.84 3.16 -11.05	53.97 3.27 -12.82	52.53 3.91 -0.72	65.62 4.64 -3.18	54.38 4.12 0.00	50.97 3.72 -1.48	53.76 3.41 -11.58	53.63 3.41 -11.75	41.94 3.32 0.00	37.09 2.75 0.00
NORTH___COUNTRY_ESR 323785	42.45 0.64 0.00	38.28 0.32 0.00	36.52 0.15 0.00	32.91 0.23 0.00	34.15 0.47 0.00	30.61 0.12 0.00	29.47 0.32 0.00	21.17 0.23 0.00	19.03 0.30 0.00	22.80 0.46 0.00	33.51 0.77 0.00	36.26 0.87 0.00	38.11 0.93 0.00	39.01 0.91 0.00	38.14 0.52 0.00	37.95 0.08 0.00	47.72 -0.18 0.00	57.45 -0.36 0.00	49.81 -0.45 0.00	45.26 -0.49 0.00	38.01 -0.75 0.00	38.89 -0.91 -1.32	38.96 -0.91 -1.25	35.13 -0.82 -1.60
NPX_GEN_1385_PROXY 323591	43.66 1.86 0.00	39.68 1.72 0.00	37.82 1.44 0.00	34.02 1.34 0.00	35.15 1.46 0.00	32.05 1.55 0.00	30.73 1.58 0.00	22.32 1.38 0.00	19.99 1.26 0.00	23.28 0.94 0.00	34.64 1.90 0.00	37.39 2.01 0.00	39.73 2.56 0.00	41.06 2.96 0.00	51.70 3.02 -11.05	53.81 3.11 -12.82	52.33 3.71 -0.72	65.60 4.61 -3.18	54.35 4.09 0.00	51.15 3.91 -1.48	54.10 3.76 -11.58	53.91 3.69 -11.75	42.05 3.43 0.00	37.13 2.79 0.00
NPX_GEN_CSC 323557	43.08 1.27 0.00	39.17 1.21 0.00	37.23 0.86 0.00	33.71 1.03 0.00	35.19 1.51 0.00	32.39 1.89 0.00	31.06 1.92 0.00	22.36 1.43 0.00	20.01 1.28 0.00	23.07 0.73 0.00	34.06 1.33 0.00	36.61 1.23 0.00	38.87 1.70 0.00	40.52 2.42 0.00	52.40 3.57 -11.21	54.57 3.69 -13.01	52.61 3.98 -0.73	65.84 4.80 -3.23	54.26 4.00 0.00	50.86 3.60 -1.50	53.95 3.44 -11.75	54.03 3.64 -11.91	42.08 3.46 0.00	37.15 2.80 0.00
NSINS_S___GLNS_FALLS 23858	43.70 1.90 0.00	39.83 1.87 0.00	38.21 1.84 0.00	34.17 1.49 0.00	35.23 1.55 0.00	31.87 1.37 0.00	30.51 1.36 0.00	21.99 1.06 0.00	19.87 1.14 0.00	23.69 1.35 0.00	34.85 2.11 0.00	37.72 2.33 0.00	39.70 2.53 0.00	40.71 2.61 0.00	40.28 2.65 0.00	40.66 2.79 0.00	51.54 3.64 0.00	62.18 4.38 0.00	54.10 3.84 0.00	49.17 3.41 0.00	41.69 2.93 0.00	41.30 2.82 0.00	41.34 2.71 0.00	36.68 2.34 0.00
NUCOR_STEEL___DRP 24197	41.15 -0.66 0.00	37.39 -0.57 0.00	35.85 -0.53 0.00	32.20 -0.47 0.00	33.16 -0.53 0.00	30.07 -0.43 0.00	28.69 -0.46 0.00	20.57 -0.36 0.00	18.31 -0.42 0.00	21.86 -0.48 0.00	31.93 -0.81 0.00	34.52 -0.87 0.00	36.27 -0.90 0.00	37.21 -0.88 0.00	36.80 -0.83 0.00	37.11 -0.76 0.00	46.89 -1.01 0.00	56.73 -1.08 0.00	49.34 -0.92 0.00	44.88 -0.88 0.00	38.00 -0.76 0.00	37.73 -0.75 0.00	37.80 -0.83 0.00	33.59 -0.75 0.00
NUMBER_THREE_WT_PWR 323818	40.80 -1.01 0.00	36.87 -1.09 0.00	35.28 -1.10 0.00	32.20 -0.48 0.00	33.66 -0.03 0.00	30.65 0.15 0.00	29.37 0.22 0.00	21.14 0.21 0.00	18.93 0.21 0.00	22.71 0.38 0.00	33.28 0.55 0.00	35.90 0.51 0.00	37.40 0.23 0.00	38.08 -0.02 0.00	36.68 -0.94 0.00	36.87 -1.01 0.00	46.71 -1.19 0.00	56.05 -1.76 0.00	48.55 -1.71 0.00	44.11 -1.65 0.00	37.24 -1.52 0.00	36.80 -1.68 0.00	36.86 -1.76 0.00	32.76 -1.58 0.00
NYISO_LBMP_REFERENCE 24008	41.80 0.00 0.00	37.96 0.00 0.00	36.38 0.00 0.00	32.68 0.00 0.00	33.68 0.00 0.00	30.50 0.00 0.00	29.15 0.00 0.00	20.93 0.00 0.00	18.72 0.00 0.00	22.34 0.00 0.00	32.74 0.00 0.00	35.39 0.00 0.00	37.17 0.00 0.00	38.10 0.00 0.00	37.63 0.00 0.00	37.87 0.00 0.00	47.90 0.00 0.00	57.81 0.00 0.00	50.26 0.00 0.00	45.76 0.00 0.00	38.76 0.00 0.00	38.48 0.00 0.00	38.62 0.00 0.00	34.34 0.00 0.00

NYPA_BRENTWD____GT 24164	43.98 2.18 0.00	40.01 2.05 0.00	38.06 1.69 0.00	34.24 1.56 0.00	35.39 1.71 0.00	32.28 1.78 0.00	30.96 1.81 0.00	22.33 1.39 0.00	19.99 1.27 0.00	23.42 1.08 0.00	34.74 2.00 0.00	37.39 2.00 0.00	39.70 2.52 0.00	41.06 2.96 0.00	52.54 3.51 -11.40	54.74 3.64 -13.22	53.05 4.41 -0.74	66.40 5.32 -3.28	54.96 4.69 0.00	51.52 4.24 -1.53	54.53 3.82 -11.95	54.41 3.82 -12.11	42.32 3.70 0.00	37.39 3.05 0.00
NYPA_GOWANUS____GT5 24156	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NYPA_GOWANUS____GT6 24157	61.51 1.91 -17.80	53.21 1.80 -13.45	52.75 1.60 -14.78	52.16 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.07 0.98 -32.36	52.19 1.02 -28.83	52.49 1.76 -18.00	179.94 1.82 -142.74	56.34 1.97 -17.20	58.13 2.19 -17.84	58.14 2.50 -18.01	58.46 2.61 -17.98	58.60 3.39 -7.31	62.16 3.99 -0.36	59.14 3.61 -5.27	63.67 3.30 -14.61	59.18 2.92 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29
NYPA_HARLEM__RVR__GT1 24160	43.34 1.53 0.00	39.44 1.48 0.00	37.65 1.28 0.00	33.75 1.07 0.00	34.73 1.04 0.00	31.53 1.03 0.00	30.24 1.09 0.00	21.82 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.30 1.57 0.00	37.05 1.66 0.00	38.87 1.70 0.00	40.07 1.97 0.00	39.83 2.20 0.00	40.19 2.32 0.00	50.87 2.97 0.00	61.39 3.58 0.00	53.44 3.19 0.00	48.69 2.93 0.00	41.41 2.65 0.00	41.10 2.62 0.00	41.28 2.65 0.00	36.53 2.18 0.00
NYPA_HARLEM__RVR__GT2 24161	43.34 1.53 0.00	39.44 1.48 0.00	37.65 1.28 0.00	33.75 1.07 0.00	34.73 1.04 0.00	31.53 1.03 0.00	30.24 1.09 0.00	21.82 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.30 1.57 0.00	37.05 1.66 0.00	38.87 1.70 0.00	40.07 1.97 0.00	39.83 2.20 0.00	40.19 2.32 0.00	50.87 2.97 0.00	61.39 3.58 0.00	53.44 3.19 0.00	48.69 2.93 0.00	41.41 2.65 0.00	41.10 2.62 0.00	41.28 2.65 0.00	36.53 2.18 0.00
NYPA_KENT____GT 24152	54.40 1.81 -10.78	47.83 1.72 -8.15	46.84 1.51 -8.95	44.92 1.25 -11.00	45.29 1.25 -10.36	43.89 1.19 -12.20	43.38 1.24 -12.99	40.15 0.98 -18.24	39.27 0.95 -19.60	40.78 0.97 -17.46	45.35 1.71 -10.91	123.63 1.78 -86.47	49.47 1.88 -10.42	51.02 2.11 -10.80	50.95 2.42 -10.91	51.29 2.52 -10.89	55.56 3.23 -4.43	61.85 3.82 -0.22	56.90 3.45 -3.19	57.78 3.17 -8.85	52.17 2.81 -10.60	52.05 2.80 -10.77	51.81 2.90 -10.28	49.67 2.43 -12.90
NYPA_POUCH1____GT 24155	61.44 1.83 -17.80	53.17 1.76 -13.45	52.71 1.56 -14.78	52.12 1.29 -18.15	52.07 1.28 -17.11	51.85 1.22 -20.14	51.86 1.27 -21.45	52.04 1.00 -30.10	52.04 0.96 -32.36	52.15 0.98 -28.83	52.43 1.69 -18.00	179.84 1.71 -142.74	56.27 1.90 -17.20	58.06 2.12 -17.84	58.05 2.42 -18.01	58.39 2.53 -17.98	58.51 3.30 -7.31	62.06 3.89 -0.36	59.04 3.52 -5.27	63.58 3.21 -14.61	59.09 2.83 -17.50	59.08 2.82 -17.78	58.49 2.90 -16.97	58.05 2.42 -21.29
NYPA_VERNON____GT2 24162	47.29 1.72 -3.77	42.45 1.64 -2.85	40.93 1.43 -3.13	37.70 1.18 -3.84	38.48 1.18 -3.62	35.89 1.13 -4.26	34.87 1.18 -4.53	28.23 0.93 -6.37	26.48 0.91 -6.84	29.36 0.92 -6.10	38.19 1.65 -3.81	67.31 1.73 -30.20	42.62 1.81 -3.64	43.90 2.03 -3.77	43.77 2.34 -3.81	44.10 2.42 -3.80	52.56 3.12 -1.55	61.58 3.70 -0.08	54.71 3.34 -1.12	51.90 3.05 -3.09	45.18 2.72 -3.70	44.94 2.70 -3.76	45.04 2.82 -3.59	41.22 2.37 -4.51
NYPA_VERNON____GT3 24163	47.29 1.72 -3.77	42.45 1.64 -2.85	40.93 1.43 -3.13	37.70 1.18 -3.84	38.48 1.18 -3.62	35.89 1.13 -4.26	34.87 1.18 -4.53	28.23 0.93 -6.37	26.48 0.91 -6.84	29.36 0.92 -6.10	38.19 1.65 -3.81	67.31 1.73 -30.20	42.62 1.81 -3.64	43.90 2.03 -3.77	43.77 2.34 -3.81	44.10 2.42 -3.80	52.56 3.12 -1.55	61.58 3.70 -0.08	54.71 3.34 -1.12	51.90 3.05 -3.09	45.18 2.72 -3.70	44.94 2.70 -3.76	45.04 2.82 -3.59	41.22 2.37 -4.51
NYPA__ASTORIA_CC1 323568	43.47 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.83 1.14 0.00	31.59 1.09 0.00	30.29 1.14 0.00	21.84 0.90 0.00	19.61 0.88 0.00	23.23 0.89 0.00	34.35 1.62 0.00	37.08 1.70 0.00	38.91 1.74 0.00	40.07 1.97 0.00	39.89 2.27 0.00	40.22 2.35 0.00	50.94 3.04 0.00	61.41 3.60 0.00	53.52 3.26 0.00	48.73 2.97 0.00	41.42 2.66 0.00	41.11 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
NYPA__ASTORIA_CC2 323569	43.47 1.67 0.00	39.54 1.58 0.00	37.75 1.38 0.00	33.82 1.15 0.00	34.83 1.14 0.00	31.59 1.09 0.00	30.29 1.14 0.00	21.84 0.90 0.00	19.61 0.88 0.00	23.23 0.89 0.00	34.35 1.62 0.00	37.08 1.70 0.00	38.91 1.74 0.00	40.07 1.97 0.00	39.89 2.27 0.00	40.22 2.35 0.00	50.94 3.04 0.00	61.41 3.60 0.00	53.52 3.26 0.00	48.73 2.97 0.00	41.42 2.66 0.00	41.11 2.63 0.00	41.41 2.79 0.00	36.69 2.34 -0.01
NYPA__HOLTSVILL 23794	43.59 1.79 0.00	39.65 1.69 0.00	37.72 1.35 0.00	33.98 1.30 0.00	35.18 1.50 0.00	32.15 1.65 0.00	30.83 1.68 0.00	22.23 1.29 0.00	19.90 1.18 0.00	23.26 0.92 0.00	34.46 1.73 0.00	37.08 1.70 0.00	39.34 2.17 0.00	40.75 2.66 0.00	52.12 3.29 -11.19	54.30 3.44 -12.99	52.69 4.07 -0.73	65.90 4.87 -3.22	54.54 4.28 0.00	51.12 3.86 -1.50	54.02 3.53 -11.73	53.94 3.56 -11.90	42.06 3.44 0.00	37.15 2.81 0.00
NYPA__HELLGATE_GT1 24158	43.34 1.53 0.00	39.45 1.49 0.00	37.65 1.28 0.00	33.75 1.07 0.00	34.73 1.04 0.00	31.53 1.03 0.00	30.24 1.09 0.00	21.82 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.30 1.57 0.00	37.05 1.66 0.00	38.87 1.70 0.00	40.07 1.97 0.00	39.83 2.20 0.00	40.19 2.32 0.00	50.87 2.97 0.00	61.39 3.58 0.00	53.44 3.19 0.00	48.69 2.93 0.00	41.41 2.65 0.00	41.10 2.62 0.00	41.28 2.65 0.00	36.53 2.18 0.00
NYPA__HELLGATE_GT2 24159	43.34 1.53 0.00	39.45 1.49 0.00	37.65 1.28 0.00	33.75 1.07 0.00	34.73 1.04 0.00	31.53 1.03 0.00	30.24 1.09 0.00	21.82 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.30 1.57 0.00	37.05 1.66 0.00	38.87 1.70 0.00	40.07 1.97 0.00	39.83 2.20 0.00	40.19 2.32 0.00	50.87 2.97 0.00	61.39 3.58 0.00	53.44 3.19 0.00	48.69 2.93 0.00	41.41 2.65 0.00	41.10 2.62 0.00	41.28 2.65 0.00	36.53 2.18 0.00
NYS_BARGE__HYD 23848	37.87 -3.93 0.00	34.39 -3.57 0.00	33.22 -3.16 0.00	30.20 -2.47 0.00	30.75 -2.94 0.00	27.90 -2.59 0.00	26.16 -2.99 0.00	18.50 -2.43 0.00	11.45 -2.42 4.85	11.92 -2.76 7.66	19.33 -4.20 9.20	21.35 -4.40 9.64	22.56 -4.72 9.89	25.58 -4.93 7.59	24.14 -4.82 8.66	22.91 -4.93 10.03	29.81 -6.56 11.53	37.83 -7.29 12.69	32.45 -6.34 11.46	29.08 -5.73 10.95	23.79 -4.86 10.11	33.07 -4.95 0.46	31.80 -4.70 2.12	23.47 -4.38 6.50

OAK ORCHARD___HYD 24046	39.49 -2.32 0.00	35.85 -2.11 0.00	34.46 -1.92 0.00	31.16 -1.51 0.00	31.90 -1.78 0.00	28.94 -1.56 0.00	27.42 -1.73 0.00	19.54 -1.40 0.00	17.28 -1.46 -0.01	20.66 -1.69 -0.01	30.18 -2.56 0.00	32.69 -2.70 0.00	34.30 -2.87 0.00	35.16 -2.95 0.00	34.74 -2.89 0.00	34.93 -2.95 0.00	44.05 -3.85 0.00	53.56 -4.26 0.00	46.53 -3.73 0.00	42.36 -3.40 0.00	35.83 -2.94 0.00	35.61 -2.87 0.00	35.79 -2.84 0.00	31.64 -2.72 -0.01
OAKDALE___35_KV_LOAD 356122	41.08 -0.73 0.00	37.34 -0.62 0.00	35.81 -0.57 0.00	32.10 -0.58 0.00	33.04 -0.64 0.00	29.96 -0.54 0.00	28.56 -0.59 0.00	20.51 -0.42 0.00	18.30 -0.42 0.00	21.84 -0.50 0.00	31.90 -0.84 0.00	34.52 -0.87 0.00	36.24 -0.93 0.00	37.20 -0.90 0.00	36.88 -0.74 0.00	37.18 -0.69 0.00	46.93 -0.97 0.00	56.67 -1.14 0.00	49.34 -0.91 0.00	44.94 -0.82 0.00	38.05 -0.71 0.00	37.81 -0.67 0.00	37.90 -0.73 0.00	33.69 -0.65 0.00
OCC_CHEM___DRP 24175	37.22 -4.59 0.00	33.81 -4.15 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.47 -3.03 0.00	25.75 -3.39 0.00	18.18 -2.75 0.00	10.53 -2.79 5.41	10.69 -3.23 8.42	17.67 -5.03 10.03	19.51 -5.37 10.51	20.64 -5.75 10.78	23.96 -5.87 8.28	22.38 -5.80 9.44	20.95 -5.99 10.94	27.46 -7.87 12.57	35.08 -8.90 13.82	29.94 -7.81 12.50	26.85 -6.97 11.94	21.84 -5.88 11.04	32.31 -5.66 0.51	30.84 -5.42 2.37	22.05 -5.05 7.24
OH_GEN_PROXY 24063	37.60 -4.20 0.00	34.16 -3.80 0.00	32.96 -3.41 0.00	29.97 -2.71 0.00	30.55 -3.14 0.00	27.70 -2.80 0.00	26.04 -3.11 0.00	18.43 -2.51 0.00	11.63 -2.56 4.54	12.34 -2.97 7.03	19.86 -4.52 8.35	21.86 -4.77 8.75	23.07 -5.12 8.98	25.95 -5.26 6.89	24.59 -5.17 7.87	23.42 -5.35 9.11	30.34 -7.09 10.47	38.28 -8.02 11.51	32.86 -6.98 10.41	29.52 -6.30 9.95	24.21 -5.35 9.20	32.85 -5.20 0.43	31.62 -5.02 1.98	23.56 -4.71 6.07
OLIN_CORP_DRP 24177	37.24 -4.56 0.00	33.83 -4.13 0.00	32.69 -3.68 0.00	29.76 -2.91 0.00	30.28 -3.40 0.00	27.49 -3.01 0.00	25.75 -3.39 0.00	18.19 -2.74 0.00	10.69 -2.73 5.30	10.79 -3.12 8.43	17.85 -4.72 10.17	19.70 -5.03 10.66	20.84 -5.41 10.92	24.11 -5.60 8.39	22.50 -5.55 9.57	21.02 -5.77 11.08	27.53 -7.63 12.74	35.24 -8.55 14.02	30.09 -7.49 12.67	26.95 -6.70 12.10	21.88 -5.72 11.16	32.40 -5.57 0.51	31.01 -5.29 2.32	22.32 -4.93 7.10
OLIN_CORP_DSASP 323712	37.24 -4.57 0.00	33.82 -4.14 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.46 -3.03 0.00	25.75 -3.39 0.00	18.19 -2.74 0.00	10.56 -2.76 5.41	10.73 -3.19 8.42	17.70 -5.01 10.03	19.60 -5.28 10.51	20.74 -5.65 10.78	24.03 -5.80 8.28	22.46 -5.72 9.44	21.02 -5.92 10.94	27.48 -7.85 12.57	35.11 -8.87 13.82	30.01 -7.74 12.50	26.85 -6.97 11.94	21.85 -5.87 11.04	32.31 -5.65 0.51	30.85 -5.40 2.37	22.08 -5.03 7.24
ONEIDA_HERK_LFGE 323681	41.87 0.07 0.00	37.99 0.03 0.00	36.37 0.00 0.00	32.87 0.19 0.00	34.07 0.39 0.00	30.95 0.45 0.00	29.63 0.48 0.00	21.31 0.38 0.00	19.09 0.36 0.00	22.83 0.49 0.00	33.45 0.72 0.00	36.14 0.75 0.00	37.84 0.67 0.00	38.71 0.61 0.00	37.87 0.25 0.00	38.15 0.28 0.00	48.30 0.40 0.00	58.15 0.34 0.00	50.46 0.21 0.00	45.90 0.14 0.00	38.80 0.05 0.00	38.42 -0.06 0.00	38.48 -0.14 0.00	34.18 -0.16 0.00
ONEIDA___115KV_TB4 55905	42.31 0.50 0.00	38.52 0.56 0.00	36.91 0.53 0.00	33.18 0.50 0.00	34.25 0.57 0.00	31.09 0.59 0.00	29.73 0.58 0.00	21.37 0.44 0.00	19.12 0.39 0.00	22.83 0.50 0.00	33.42 0.68 0.00	36.13 0.75 0.00	37.94 0.77 0.00	38.91 0.81 0.00	38.36 0.74 0.00	38.70 0.82 0.00	48.92 1.02 0.00	58.90 1.09 0.00	51.16 0.91 0.00	46.54 0.78 0.00	39.36 0.60 0.00	39.02 0.54 0.00	39.06 0.44 0.00	34.69 0.34 0.00
ONONDAGA_REF_OCCRA 23987	41.11 -0.70 0.00	37.35 -0.61 0.00	35.79 -0.58 0.00	32.16 -0.52 0.00	33.11 -0.57 0.00	30.03 -0.46 0.00	28.67 -0.48 0.00	20.56 -0.37 0.00	18.33 -0.40 0.00	21.87 -0.46 0.00	31.95 -0.78 0.00	34.57 -0.82 0.00	36.31 -0.86 0.00	37.26 -0.84 0.00	36.84 -0.79 0.00	37.14 -0.73 0.00	46.94 -0.96 0.00	56.75 -1.06 0.00	49.34 -0.92 0.00	44.89 -0.87 0.00	38.01 -0.75 0.00	37.73 -0.75 0.00	37.80 -0.83 0.00	33.62 -0.72 0.00
ONONDAGA___COGEN 23986	41.07 -0.74 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.12 -0.55 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.64 -0.51 0.00	20.54 -0.39 0.00	18.30 -0.43 0.00	21.85 -0.49 0.00	31.91 -0.83 0.00	34.50 -0.88 0.00	36.25 -0.92 0.00	37.19 -0.90 0.00	36.76 -0.87 0.00	37.06 -0.81 0.00	46.85 -1.05 0.00	56.64 -1.17 0.00	49.24 -1.01 0.00	44.80 -0.96 0.00	37.93 -0.83 0.00	37.66 -0.82 0.00	37.74 -0.88 0.00	33.57 -0.78 0.00
ONTARIO___LFGE 23819	40.53 -1.27 0.00	36.88 -1.09 0.00	35.41 -0.97 0.00	31.80 -0.88 0.00	32.65 -1.03 0.00	29.63 -0.87 0.00	28.13 -1.01 0.00	20.13 -0.80 0.00	21.78 -0.87 -3.93	27.48 -0.98 -6.12	38.35 -1.68 -7.30	41.28 -1.75 -7.65	43.16 -1.86 -7.84	42.28 -1.84 -6.02	42.79 -1.71 -6.87	44.18 -1.65 -7.96	54.85 -2.19 -9.14	65.43 -2.44 -10.06	57.30 -2.05 -9.09	52.58 -1.87 -8.69	45.15 -1.65 -8.03	37.40 -1.45 -0.37	38.76 -1.58 -1.72	38.04 -1.57 -5.27
ORANGEVILLE_WT_PWR 323706	38.49 -3.32 0.00	35.15 -2.81 0.00	33.96 -2.41 0.00	30.70 -1.98 0.00	31.30 -2.39 0.00	28.33 -2.17 0.00	26.49 -2.66 0.00	18.67 -2.26 0.00	-6.42 -2.33 22.81	-15.89 -2.70 35.53	-13.77 -4.16 42.35	-13.34 -4.36 44.36	-13.02 -4.67 45.52	-1.71 -4.87 34.94	-6.87 -4.62 39.87	-12.90 -4.60 46.18	-11.30 -6.13 53.07	-7.56 -7.01 58.36	-8.49 -5.97 52.77	-10.02 -5.37 50.41	-12.28 -4.42 46.61	31.86 -4.45 2.17	24.22 -4.42 9.98	-0.26 -4.06 30.54
ORANGEVILLE___ESR 323794	38.49 -3.32 0.00	35.15 -2.81 0.00	33.96 -2.41 0.00	30.70 -1.98 0.00	31.30 -2.39 0.00	28.33 -2.17 0.00	26.49 -2.66 0.00	18.67 -2.26 0.00	-6.42 -2.33 22.81	-15.89 -2.70 35.53	-13.77 -4.16 42.35	-13.34 -4.36 44.36	-13.02 -4.67 45.52	-1.71 -4.87 34.94	-6.87 -4.62 39.87	-12.90 -4.60 46.18	-11.30 -6.13 53.07	-7.56 -7.01 58.36	-8.49 -5.97 52.77	-10.02 -5.37 50.41	-12.28 -4.42 46.61	31.86 -4.45 2.17	24.22 -4.42 9.98	-0.26 -4.06 30.54
OSWEGATCHIE___HYD 24044	41.11 -0.69 0.00	37.15 -0.81 0.00	35.52 -0.85 0.00	32.23 -0.45 0.00	33.49 -0.18 0.00	30.32 -0.18 0.00	28.94 -0.21 0.00	20.79 -0.14 0.00	18.63 -0.09 0.00	22.48 0.14 0.00	32.98 0.24 0.00	35.61 0.23 0.00	37.23 0.05 0.00	37.99 -0.11 0.00	36.87 -0.76 0.00	36.77 -1.10 0.00	46.51 -1.39 0.00	56.01 -1.80 0.00	48.57 -1.68 0.00	44.17 -1.59 0.00	37.26 -1.50 0.00	36.88 -1.61 0.00	37.10 -1.53 0.00	33.04 -1.30 0.00
OSWEGO___5 23606	40.49 -1.31 0.00	36.79 -1.17 0.00	35.26 -1.12 0.00	31.69 -0.98 0.00	32.64 -1.04 0.00	29.60 -0.90 0.00	28.25 -0.90 0.00	20.25 -0.68 0.00	18.05 -0.68 0.00	21.53 -0.81 0.00	31.44 -1.30 0.00	33.98 -1.40 0.00	35.69 -1.48 0.00	36.59 -1.51 0.00	36.16 -1.47 0.00	36.43 -1.45 0.00	46.04 -1.86 0.00	55.65 -2.16 0.00	48.38 -1.88 0.00	44.03 -1.73 0.00	37.29 -1.47 0.00	37.02 -1.46 0.00	37.14 -1.48 0.00	33.06 -1.29 0.00

OSWEGO___6 23613	40.49 -1.31 0.00	36.79 -1.17 0.00	35.26 -1.12 0.00	31.69 -0.98 0.00	32.64 -1.04 0.00	29.60 -0.90 0.00	28.25 -0.90 0.00	20.25 -0.68 0.00	18.05 -0.68 0.00	21.53 -0.81 0.00	31.44 -1.30 0.00	33.98 -1.40 0.00	35.69 -1.48 0.00	36.59 -1.51 0.00	36.16 -1.47 0.00	36.43 -1.45 0.00	46.04 -1.86 0.00	55.65 -2.16 0.00	48.38 -1.88 0.00	44.03 -1.73 0.00	37.29 -1.47 0.00	37.02 -1.46 0.00	37.14 -1.48 0.00	33.06 -1.29 0.00
OUTOKUMPU-AB___DRP 24206	38.13 -3.67 0.00	34.65 -3.31 0.00	33.47 -2.91 0.00	30.42 -2.25 0.00	30.97 -2.71 0.00	28.09 -2.40 0.00	26.35 -2.80 0.00	18.62 -2.31 0.00	10.60 -2.39 5.73	10.63 -2.73 8.97	17.80 -4.21 10.72	19.69 -4.46 11.23	20.85 -4.80 11.52	24.35 -4.91 8.85	22.69 -4.84 10.09	21.16 -5.03 11.69	27.87 -6.59 13.43	35.73 -7.31 14.78	30.50 -6.40 13.36	27.29 -5.70 12.76	22.09 -4.87 11.79	33.23 -4.71 0.55	31.62 -4.50 2.51	22.40 -4.27 7.68
OXBOW___BTM 323836	37.77 -4.04 0.00	34.30 -3.66 0.00	33.12 -3.25 0.00	30.14 -2.54 0.00	30.68 -3.00 0.00	27.82 -2.67 0.00	26.10 -3.05 0.00	18.44 -2.49 0.00	10.62 -2.53 5.58	10.74 -2.90 8.70	17.83 -4.53 10.38	19.77 -4.74 10.87	20.92 -5.10 11.16	24.30 -5.24 8.57	22.71 -5.14 9.77	21.24 -5.31 11.32	27.84 -7.05 13.01	35.62 -7.89 14.30	30.45 -6.87 12.94	27.22 -6.19 12.36	22.11 -5.23 11.42	32.86 -5.09 0.53	31.31 -4.87 2.44	22.32 -4.57 7.46
OXBOW____ 24026	37.75 -4.05 0.00	34.30 -3.66 0.00	33.12 -3.26 0.00	30.14 -2.54 0.00	30.68 -3.00 0.00	27.82 -2.67 0.00	26.10 -3.05 0.00	18.44 -2.49 0.00	10.59 -2.56 5.58	10.70 -2.94 8.70	17.79 -4.56 10.38	19.66 -4.85 10.87	20.81 -5.20 11.16	24.22 -5.31 8.57	22.61 -5.25 9.77	21.11 -5.44 11.32	27.76 -7.13 13.01	35.53 -7.97 14.30	30.32 -7.00 12.94	27.17 -6.24 12.36	22.04 -5.30 11.42	32.85 -5.10 0.53	31.31 -4.87 2.44	22.28 -4.60 7.46
OXY_CHEM_DSASP 323612	37.22 -4.59 0.00	33.81 -4.15 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.47 -3.03 0.00	25.75 -3.39 0.00	18.18 -2.75 0.00	10.53 -2.79 5.41	10.69 -3.23 8.42	17.67 -5.03 10.03	19.51 -5.37 10.51	20.64 -5.75 10.78	23.96 -5.87 8.28	22.38 -5.80 9.44	20.95 -5.99 10.94	27.46 -7.87 12.57	35.08 -8.90 13.82	29.94 -7.81 12.50	26.85 -6.97 11.94	21.84 -5.88 11.04	32.31 -5.66 0.51	30.84 -5.42 2.37	22.05 -5.05 7.24
OZONE_PARK_ESR 323760	43.73 1.92 0.00	39.78 1.82 0.00	37.97 1.59 0.00	33.99 1.31 0.00	35.00 1.32 0.00	31.76 1.26 0.00	30.44 1.30 0.00	21.96 1.03 0.00	19.71 0.99 0.00	23.35 1.01 0.00	34.50 1.77 0.00	37.29 1.91 0.00	39.20 2.03 0.00	40.32 2.22 0.00	40.20 2.57 0.00	40.53 2.66 0.00	51.37 3.47 0.00	61.93 4.13 0.00	53.99 3.74 0.00	49.13 3.36 0.00	41.72 2.96 0.00	41.40 2.92 0.00	41.62 3.00 0.00	36.87 2.53 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	37.22 -4.59 0.00	33.81 -4.15 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.47 -3.03 0.00	25.75 -3.39 0.00	18.18 -2.75 0.00	10.53 -2.79 5.41	10.69 -3.23 8.42	17.67 -5.03 10.03	19.51 -5.37 10.51	20.64 -5.75 10.78	23.96 -5.87 8.28	22.38 -5.80 9.44	20.95 -5.99 10.94	27.46 -7.87 12.57	35.08 -8.90 13.82	29.94 -7.81 12.50	26.85 -6.97 11.94	21.84 -5.88 11.04	32.31 -5.66 0.51	30.84 -5.42 2.37	22.05 -5.05 7.24
PACKARD__115KV_DUPONT_184 80571	37.22 -4.59 0.00	33.81 -4.15 0.00	32.66 -3.72 0.00	29.74 -2.93 0.00	30.29 -3.40 0.00	27.47 -3.03 0.00	25.75 -3.39 0.00	18.18 -2.75 0.00	10.53 -2.79 5.41	10.69 -3.23 8.42	17.67 -5.03 10.03	19.51 -5.37 10.51	20.64 -5.75 10.78	23.96 -5.87 8.28	22.38 -5.80 9.44	20.95 -5.99 10.94	27.46 -7.87 12.57	35.08 -8.90 13.82	29.94 -7.81 12.50	26.85 -6.97 11.94	21.84 -5.88 11.04	32.31 -5.66 0.51	30.84 -5.42 2.37	22.05 -5.05 7.24
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	43.36 1.55 0.00	39.46 1.50 0.00	37.65 1.28 0.00	33.74 1.06 0.00	34.73 1.05 0.00	31.52 1.02 0.00	30.24 1.09 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.20 0.86 0.00	34.31 1.57 0.00	37.07 1.69 0.00	38.91 1.73 0.00	40.07 1.97 0.00	39.86 2.23 0.00	40.22 2.35 0.00	50.91 3.01 0.00	61.42 3.62 0.00	53.53 3.28 0.00	48.73 2.97 0.00	41.41 2.65 0.00	41.09 2.61 0.00	41.27 2.65 0.00	36.52 2.17 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	43.43 1.62 0.00	39.52 1.56 0.00	37.68 1.30 0.00	33.79 1.12 0.00	34.77 1.09 0.00	31.60 1.10 0.00	30.24 1.10 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.22 0.88 0.00	34.31 1.58 0.00	37.08 1.69 0.00	38.91 1.73 0.00	40.07 1.97 0.00	39.86 2.24 0.00	40.22 2.35 0.00	50.91 3.01 0.00	61.43 3.62 0.00	53.53 3.28 0.00	48.73 2.97 0.00	41.41 2.65 0.00	41.10 2.61 0.00	41.28 2.65 0.00	36.52 2.17 -0.01
PATROON__115KV_TB1 80586	43.07 1.26 0.00	39.12 1.16 0.00	37.44 1.07 0.00	33.55 0.88 0.00	34.59 0.91 0.00	31.31 0.81 0.00	29.95 0.81 0.00	21.56 0.63 0.00	19.39 0.67 0.00	23.10 0.77 0.00	33.97 1.23 0.00	36.72 1.34 0.00	38.63 1.46 0.00	39.61 1.51 0.00	39.18 1.56 0.00	39.33 1.46 0.00	49.82 1.92 0.00	60.12 2.31 0.00	52.27 2.01 0.00	47.53 1.77 0.00	40.32 1.56 0.00	39.98 1.50 0.00	40.16 1.54 0.00	35.90 1.56 0.00
PATTRSNVILLE__SOLAR 323815	43.03 1.23 0.00	39.07 1.11 0.00	37.47 1.10 0.00	33.62 0.95 0.00	34.66 0.97 0.00	31.39 0.89 0.00	30.02 0.87 0.00	21.59 0.66 0.00	19.35 0.62 0.00	23.06 0.72 0.00	33.86 1.12 0.00	36.59 1.20 0.00	38.46 1.29 0.00	39.40 1.31 0.00	38.96 1.33 0.00	39.32 1.44 0.00	49.84 1.94 0.00	60.15 2.34 0.00	52.27 2.02 0.00	47.56 1.80 0.00	40.30 1.54 0.00	39.96 1.48 0.00	40.08 1.46 0.00	35.58 1.24 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	39.14 -2.67 0.00	35.54 -2.42 0.00	34.28 -2.09 0.00	31.06 -1.62 0.00	31.70 -1.98 0.00	28.70 -1.80 0.00	27.02 -2.13 0.00	19.15 -1.78 0.00	10.94 -1.86 5.92	10.96 -2.11 9.27	18.50 -3.15 11.09	20.39 -3.38 11.61	21.58 -3.67 11.91	25.21 -3.74 9.15	23.57 -3.62 10.44	22.02 -3.76 12.09	29.04 -4.97 13.89	37.05 -5.48 15.28	31.70 -4.74 13.82	28.36 -4.20 13.20	22.94 -3.62 12.19	34.37 -3.55 0.56	32.69 -3.34 2.59	23.24 -3.18 7.92
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	43.77 1.96 0.00	39.77 1.81 0.00	37.97 1.60 0.00	34.00 1.33 0.00	35.04 1.36 0.00	31.77 1.27 0.00	30.43 1.28 0.00	21.94 1.01 0.00	19.72 0.99 0.00	23.40 1.06 0.00	34.52 1.78 0.00	37.34 1.96 0.00	39.30 2.13 0.00	40.40 2.30 0.00	40.23 2.60 0.00	40.59 2.72 0.00	51.51 3.61 0.00	62.19 4.38 0.00	54.14 3.89 0.00	49.24 3.48 0.00	41.80 3.04 0.00	41.44 2.96 0.00	41.58 2.96 0.00	36.83 2.49 0.00
PEEKSKILL____ 23653	43.25 1.44 0.00	39.32 1.36 0.00	37.56 1.18 0.00	33.62 0.95 0.00	34.65 0.97 0.00	31.41 0.92 0.00	30.09 0.95 0.00	21.70 0.77 0.00	19.49 0.76 0.00	23.10 0.77 0.00	34.09 1.36 0.00	36.90 1.51 0.00	38.81 1.64 0.00	39.93 1.83 0.00	39.69 2.07 0.00	39.95 2.08 0.00	50.65 2.76 0.00	61.11 3.30 0.00	53.21 2.95 0.00	48.42 2.66 0.00	41.13 2.37 0.00	40.82 2.34 0.00	40.98 2.36 0.00	36.31 1.96 0.00

PGE MADISON___WINDPWR 24146	44.24 2.43 0.00	40.34 2.38 0.00	38.71 2.33 0.00	34.63 1.95 0.00	35.74 2.06 0.00	32.51 2.01 0.00	30.90 1.75 0.00	22.08 1.15 0.00	19.73 1.00 0.00	23.52 1.18 0.00	34.11 1.38 0.00	36.28 0.89 0.00	37.81 0.64 0.00	38.82 0.72 0.00	38.48 0.85 0.00	38.67 0.79 0.00	49.01 1.11 0.00	59.43 1.62 0.00	51.58 1.33 0.00	46.90 1.14 0.00	39.62 0.86 0.00	39.19 0.71 0.00	39.04 0.42 0.00	34.57 0.23 0.00
PIERCEFIELD___HYD 23852	42.00 0.20 0.00	38.03 0.06 0.00	36.40 0.03 0.00	32.87 0.20 0.00	34.01 0.32 0.00	30.61 0.11 0.00	29.16 0.01 0.00	20.91 -0.02 0.00	18.75 0.02 0.00	22.69 0.35 0.00	33.30 0.57 0.00	35.99 0.61 0.00	37.75 0.58 0.00	38.58 0.47 0.00	37.70 0.07 0.00	37.42 -0.46 0.00	47.25 -0.65 0.00	56.96 -0.85 0.00	49.45 -0.80 0.00	45.03 -0.73 0.00	37.97 -0.79 0.00	37.65 -0.83 0.00	37.99 -0.63 0.00	33.87 -0.48 0.00
PINELAWN_CC_1 323563	43.77 1.96 0.00	39.81 1.85 0.00	37.89 1.52 0.00	34.06 1.38 0.00	35.18 1.50 0.00	32.05 1.55 0.00	30.72 1.57 0.00	22.16 1.22 0.00	19.85 1.12 0.00	23.29 0.95 0.00	34.56 1.82 0.00	37.18 1.79 0.00	39.48 2.31 0.00	40.81 2.71 0.00	53.20 3.21 -12.36	55.52 3.31 -14.34	52.78 4.07 -0.81	66.29 4.92 -3.56	54.61 4.34 0.00	51.34 3.93 -1.66	55.24 3.52 -12.95	55.14 3.52 -13.14	42.05 3.43 0.00	37.16 2.81 0.00
PJM_GEN_HTP_PROXY 323702	43.34 1.53 0.00	39.43 1.47 0.00	37.64 1.27 0.00	33.71 1.04 0.00	34.73 1.04 0.00	31.50 1.00 0.00	30.19 1.05 0.00	21.77 0.84 0.00	19.55 0.83 0.00	23.17 0.83 0.00	34.21 1.48 0.00	36.96 1.58 0.00	38.86 1.69 0.00	39.99 1.89 0.00	39.82 2.20 0.00	40.13 2.26 0.00	50.86 2.96 0.00	61.28 3.51 0.04	53.42 3.16 0.00	48.62 2.85 0.00	41.30 2.54 0.00	40.99 2.51 0.00	41.20 2.58 0.00	36.52 2.18 0.00
PJM_GEN_KEystone 24065	27.94 -1.01 12.86	37.11 -0.86 0.00	35.57 -0.80 0.00	20.61 -0.76 11.30	17.43 -0.89 15.36	9.28 -0.78 20.43	25.16 -0.85 3.14	20.32 -0.61 0.00	18.15 -0.57 0.00	21.62 -0.72 0.00	31.70 -1.04 0.00	34.29 -1.10 0.00	30.57 -1.17 5.43	21.16 -1.10 15.84	16.72 -0.81 20.09	18.89 -0.73 18.26	22.76 -0.95 24.19	43.10 -1.13 13.57	27.36 -0.87 22.03	20.21 -0.79 24.77	21.52 -0.61 16.63	22.15 -0.58 15.75	21.64 -0.52 16.47	27.72 -0.59 6.03
PJM_GEN_NEPTUNE_PROXY 323594	43.36 1.55 0.00	39.46 1.50 0.00	37.59 1.21 0.00	33.76 1.09 0.00	34.85 1.16 0.00	31.72 1.22 0.00	30.39 1.24 0.00	21.91 0.98 0.00	19.64 0.91 0.00	23.11 0.77 0.00	34.27 1.53 0.00	36.94 1.56 0.00	39.10 1.93 0.00	40.35 2.25 0.00	50.73 2.67 -10.43	52.71 2.74 -12.10	51.96 3.38 -0.68	64.79 4.02 -2.96	53.84 3.58 0.00	50.38 3.23 -1.40	52.62 2.93 -10.93	52.51 2.94 -11.08	41.51 2.89 0.00	36.73 2.39 0.00
PJM_GEN_VFT_PROXY 323633	43.08 1.28 0.00	39.20 1.24 0.00	37.42 1.05 0.00	33.51 0.84 0.00	34.52 0.84 0.00	31.31 0.81 0.00	30.03 0.88 0.00	21.66 0.73 0.00	19.43 0.71 0.00	23.04 0.70 0.00	34.01 1.28 0.00	36.73 1.35 0.00	38.58 1.41 0.00	39.70 1.60 0.00	39.55 1.92 0.00	39.88 2.01 0.00	50.54 2.65 0.00	60.91 3.14 0.04	53.09 2.84 0.00	48.32 2.56 0.00	41.05 2.29 0.00	40.73 2.25 0.00	40.96 2.34 0.00	36.29 1.94 0.00
PLATSBURG_115KV_PMLD1 355749	42.90 1.09 0.00	38.67 0.71 0.00	36.87 0.50 0.00	33.23 0.55 0.00	34.44 0.75 0.00	30.79 0.29 0.00	29.66 0.51 0.00	21.31 0.38 0.00	19.21 0.48 0.00	22.99 0.66 0.00	33.83 1.10 0.00	36.58 1.19 0.00	38.44 1.27 0.00	39.43 1.33 0.00	38.59 0.96 0.00	38.37 0.50 0.00	48.07 0.17 0.00	57.91 0.10 0.00	50.21 -0.05 0.00	45.66 -0.10 0.00	38.28 -0.48 0.00	20.98 -0.72 16.79	22.06 -0.72 15.84	13.39 -0.55 20.39
PLEASANTVLY___LBMP 24000	43.21 1.41 0.00	39.28 1.32 0.00	37.53 1.16 0.00	33.62 0.94 0.00	34.66 0.97 0.00	31.40 0.90 0.00	30.07 0.92 0.00	21.68 0.75 0.00	19.49 0.76 0.00	23.13 0.79 0.00	34.10 1.36 0.00	36.86 1.48 0.00	38.76 1.59 0.00	39.83 1.73 0.00	39.60 1.97 0.00	39.93 2.07 0.00	50.61 2.71 0.00	61.05 3.25 0.00	53.17 2.92 0.00	48.37 2.60 0.00	41.08 2.32 0.00	40.75 2.27 0.00	40.93 2.31 0.00	36.31 1.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.39 1.59 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.75 1.07 0.00	34.78 1.10 0.00	31.53 1.03 0.00	30.21 1.06 0.00	21.78 0.85 0.00	19.57 0.84 0.00	23.20 0.87 0.00	34.25 1.51 0.00	37.03 1.65 0.00	38.95 1.78 0.00	40.05 1.95 0.00	39.86 2.24 0.00	40.17 2.30 0.00	50.93 3.03 0.00	61.42 3.62 0.00	53.50 3.24 0.00	48.69 2.92 0.00	41.35 2.59 0.00	41.02 2.54 0.00	41.19 2.57 0.00	36.52 2.18 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.39 1.59 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.75 1.07 0.00	34.78 1.10 0.00	31.53 1.03 0.00	30.21 1.06 0.00	21.78 0.85 0.00	19.57 0.84 0.00	23.20 0.87 0.00	34.25 1.51 0.00	37.03 1.65 0.00	38.95 1.78 0.00	40.05 1.95 0.00	39.86 2.24 0.00	40.17 2.30 0.00	50.93 3.03 0.00	61.42 3.62 0.00	53.50 3.24 0.00	48.69 2.92 0.00	41.35 2.59 0.00	41.02 2.54 0.00	41.19 2.57 0.00	36.52 2.18 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.67 1.87 0.00	39.68 1.72 0.00	37.89 1.51 0.00	33.93 1.25 0.00	34.98 1.30 0.00	31.70 1.20 0.00	30.36 1.21 0.00	21.89 0.96 0.00	19.68 0.96 0.00	23.36 1.03 0.00	34.45 1.71 0.00	37.27 1.88 0.00	39.20 2.03 0.00	40.28 2.18 0.00	40.08 2.45 0.00	40.43 2.56 0.00	51.29 3.39 0.00	61.94 4.13 0.00	53.92 3.67 0.00	49.05 3.28 0.00	41.62 2.86 0.00	41.26 2.78 0.00	41.39 2.77 0.00	36.69 2.35 0.00
POLETTI___ 23519	43.23 1.43 0.00	39.37 1.41 0.00	37.60 1.22 0.00	33.66 0.99 0.00	34.68 0.99 0.00	31.46 0.96 0.00	30.16 1.01 0.00	21.75 0.82 0.00	19.52 0.80 0.00	23.11 0.77 0.00	34.17 1.44 0.00	36.89 1.50 0.00	38.75 1.58 0.00	39.86 1.76 0.00	39.72 2.09 0.00	40.04 2.17 0.00	50.71 2.81 0.00	61.11 3.31 0.00	53.27 3.02 0.00	48.46 2.71 0.00	41.18 2.42 0.00	40.89 2.40 0.00	41.19 2.57 0.00	36.53 2.19 0.00
POMONA___ESR 323819	42.96 1.15 0.00	39.06 1.10 0.00	37.31 0.94 0.00	33.41 0.73 0.00	34.41 0.73 0.00	31.19 0.69 0.00	29.85 0.70 0.00	21.53 0.60 0.00	19.31 0.59 0.00	22.93 0.59 0.00	33.81 1.07 0.00	36.54 1.16 0.00	38.44 1.27 0.00	39.58 1.48 0.00	39.41 1.78 0.00	39.89 2.01 0.00	50.58 2.68 0.00	61.03 3.22 0.00	53.15 2.90 0.00	48.37 2.61 0.00	41.08 2.32 0.00	40.76 2.28 0.00	40.90 2.28 0.00	36.20 1.86 0.00
PORT_JEFF_3 23555	43.71 1.91 0.00	39.75 1.79 0.00	37.80 1.43 0.00	34.05 1.38 0.00	35.26 1.58 0.00	32.24 1.74 0.00	30.91 1.76 0.00	22.28 1.35 0.00	19.95 1.23 0.00	23.31 0.97 0.00	34.53 1.80 0.00	37.16 1.78 0.00	39.44 2.26 0.00	40.87 2.77 0.00	52.29 3.44 -11.22	54.48 3.60 -13.01	52.89 4.26 -0.73	66.18 5.15 -3.23	54.75 4.49 0.00	51.31 4.04 -1.50	54.19 3.68 -11.76	54.11 3.71 -11.92	42.20 3.57 0.00	37.26 2.92 0.00

PORT_JEFF_4 23616	43.71 1.91 0.00	39.75 1.79 0.00	37.80 1.43 0.00	34.05 1.38 0.00	35.26 1.58 0.00	32.24 1.74 0.00	30.91 1.76 0.00	22.28 1.35 0.00	19.95 1.23 0.00	23.31 0.97 0.00	34.53 1.80 0.00	37.16 1.78 0.00	39.44 2.26 0.00	40.87 2.77 0.00	52.29 3.44 -11.22	54.48 3.60 -13.01	52.89 4.26 -0.73	66.18 5.15 -3.23	54.75 4.49 0.00	51.31 4.04 -1.50	54.19 3.68 -11.76	54.11 3.71 -11.92	42.20 3.57 0.00	37.26 2.92 0.00
PORT_JEFF_IC 23713	43.70 1.89 0.00	39.73 1.77 0.00	37.78 1.41 0.00	34.03 1.36 0.00	35.26 1.58 0.00	32.24 1.74 0.00	30.93 1.78 0.00	22.29 1.36 0.00	19.97 1.25 0.00	23.31 0.97 0.00	34.53 1.79 0.00	37.16 1.78 0.00	39.45 2.28 0.00	40.90 2.80 0.00	52.37 3.50 -11.25	54.58 3.65 -13.06	52.93 4.30 -0.73	66.23 5.19 -3.24	54.80 4.53 0.00	51.33 4.07 -1.51	54.26 3.71 -11.79	54.17 3.73 -11.96	42.21 3.59 0.00	37.29 2.94 0.00
PPL_PILGRIM_ST_GT1 24216	43.98 2.18 0.00	40.01 2.05 0.00	38.06 1.69 0.00	34.24 1.56 0.00	35.39 1.71 0.00	32.28 1.78 0.00	30.96 1.81 0.00	22.33 1.39 0.00	19.99 1.27 0.00	23.42 1.08 0.00	34.74 2.00 0.00	37.39 2.00 0.00	39.70 2.52 0.00	41.06 2.96 0.00	52.54 3.51 -11.40	54.74 3.64 -13.22	53.05 4.41 -0.74	66.40 5.32 -3.28	54.96 4.69 0.00	51.52 4.24 -1.53	54.53 3.82 -11.95	54.41 3.82 -12.11	42.32 3.70 0.00	37.39 3.05 0.00
PPL_PILGRIM_ST_GT2 24217	43.98 2.18 0.00	40.01 2.05 0.00	38.06 1.69 0.00	34.24 1.56 0.00	35.39 1.71 0.00	32.28 1.78 0.00	30.96 1.81 0.00	22.33 1.39 0.00	19.99 1.27 0.00	23.42 1.08 0.00	34.74 2.00 0.00	37.39 2.00 0.00	39.70 2.52 0.00	41.06 2.96 0.00	52.54 3.51 -11.40	54.74 3.64 -13.22	53.05 4.41 -0.74	66.40 5.32 -3.28	54.96 4.69 0.00	51.52 4.24 -1.53	54.53 3.82 -11.95	54.41 3.82 -12.11	42.32 3.70 0.00	37.39 3.05 0.00
PPL_SHRM_GT3 24213	43.17 1.36 0.00	39.24 1.28 0.00	37.30 0.92 0.00	33.75 1.08 0.00	35.22 1.54 0.00	32.40 1.90 0.00	31.08 1.93 0.00	22.37 1.44 0.00	20.01 1.29 0.00	23.11 0.77 0.00	34.11 1.37 0.00	36.68 1.30 0.00	38.93 1.76 0.00	40.58 2.48 0.00	52.43 3.58 -11.23	54.62 3.71 -13.03	52.69 4.05 -0.73	65.93 4.89 -3.23	54.35 4.09 0.00	50.95 3.68 -1.50	54.02 3.49 -11.77	54.09 3.68 -11.93	42.12 3.50 0.00	37.19 2.84 0.00
PPL_SHRM_GT4 24214	43.17 1.36 0.00	39.24 1.28 0.00	37.30 0.92 0.00	33.75 1.08 0.00	35.22 1.54 0.00	32.40 1.90 0.00	31.08 1.93 0.00	22.37 1.44 0.00	20.01 1.29 0.00	23.11 0.77 0.00	34.11 1.37 0.00	36.68 1.30 0.00	38.93 1.76 0.00	40.58 2.48 0.00	52.43 3.58 -11.23	54.62 3.71 -13.03	52.69 4.05 -0.73	65.93 4.89 -3.23	54.35 4.09 0.00	50.95 3.68 -1.50	54.02 3.49 -11.77	54.09 3.68 -11.93	42.12 3.50 0.00	37.19 2.84 0.00
PROJECT___ORANGE 1 24174	40.86 -0.94 0.00	37.14 -0.82 0.00	35.59 -0.78 0.00	31.99 -0.69 0.00	32.93 -0.75 0.00	29.87 -0.63 0.00	28.50 -0.65 0.00	20.44 -0.49 0.00	18.21 -0.52 0.00	21.73 -0.61 0.00	31.73 -1.01 0.00	34.32 -1.07 0.00	36.05 -1.12 0.00	36.99 -1.11 0.00	36.56 -1.06 0.00	36.86 -1.01 0.00	46.59 -1.31 0.00	56.31 -1.50 0.00	48.95 -1.30 0.00	44.55 -1.21 0.00	37.73 -1.04 0.00	37.45 -1.03 0.00	37.55 -1.07 0.00	33.39 -0.95 0.00
PROJECT___ORANGE 2 24166	40.86 -0.94 0.00	37.14 -0.82 0.00	35.59 -0.78 0.00	31.99 -0.69 0.00	32.93 -0.75 0.00	29.87 -0.63 0.00	28.50 -0.65 0.00	20.44 -0.49 0.00	18.21 -0.52 0.00	21.73 -0.61 0.00	31.73 -1.01 0.00	34.32 -1.07 0.00	36.05 -1.12 0.00	36.99 -1.11 0.00	36.56 -1.06 0.00	36.86 -1.01 0.00	46.59 -1.31 0.00	56.31 -1.50 0.00	48.95 -1.30 0.00	44.55 -1.21 0.00	37.73 -1.04 0.00	37.45 -1.03 0.00	37.55 -1.07 0.00	33.39 -0.95 0.00
PUCKETT___SOLAR 323809	41.84 0.03 0.00	38.08 0.12 0.00	36.50 0.13 0.00	32.72 0.04 0.00	33.69 0.00 0.00	30.55 0.05 0.00	29.10 -0.04 0.00	20.86 -0.07 0.00	18.60 -0.12 0.00	22.18 -0.15 0.00	32.37 -0.37 0.00	34.89 -0.49 0.00	36.58 -0.59 0.00	37.55 -0.55 0.00	37.26 -0.37 0.00	37.55 -0.32 0.00	47.46 -0.44 0.00	57.34 -0.46 0.00	49.91 -0.35 0.00	45.45 -0.31 0.00	38.47 -0.30 0.00	38.17 -0.32 0.00	38.21 -0.41 0.00	33.92 -0.42 0.00
PYRITES___HYD 24023	42.92 1.12 0.00	38.91 0.95 0.00	37.26 0.89 0.00	33.63 0.96 0.00	34.76 1.08 0.00	31.31 0.81 0.00	29.86 0.71 0.00	21.42 0.49 0.00	19.20 0.47 0.00	23.19 0.86 0.00	34.03 1.30 0.00	36.78 1.40 0.00	38.59 1.42 0.00	39.43 1.32 0.00	38.59 0.96 0.00	38.43 0.55 0.00	48.56 0.66 0.00	58.59 0.78 0.00	50.85 0.59 0.00	46.32 0.55 0.00	39.05 0.29 0.00	38.71 0.23 0.00	38.98 0.35 0.00	34.68 0.34 0.00
QUAKERRD_115KV_BK1 80622	39.01 -2.79 0.00	35.44 -2.52 0.00	34.05 -2.32 0.00	30.75 -1.92 0.00	31.53 -2.16 0.00	28.59 -1.90 0.00	27.14 -2.01 0.00	19.36 -1.57 0.00	17.12 -1.60 0.00	20.48 -1.86 0.00	29.92 -2.81 0.00	32.38 -3.01 0.00	33.98 -3.20 0.00	34.85 -3.25 0.00	34.43 -3.20 0.00	34.61 -3.26 0.00	43.70 -4.20 0.00	53.05 -4.75 0.00	46.05 -4.20 0.00	41.94 -3.82 0.00	35.48 -3.28 0.00	35.32 -3.16 0.00	35.46 -3.16 0.00	31.37 -2.97 0.00
QUENSBRY_115KV_TB8 356137	43.75 1.94 0.00	39.91 1.95 0.00	38.30 1.92 0.00	34.22 1.55 0.00	35.30 1.62 0.00	31.91 1.41 0.00	30.56 1.41 0.00	22.02 1.09 0.00	19.92 1.20 0.00	23.75 1.42 0.00	34.96 2.22 0.00	37.85 2.47 0.00	39.85 2.68 0.00	40.86 2.76 0.00	40.44 2.81 0.00	40.82 2.94 0.00	51.71 3.81 0.00	62.38 4.57 0.00	54.27 4.02 0.00	49.34 3.58 0.00	41.83 3.08 0.00	41.43 2.95 0.00	41.46 2.84 0.00	36.80 2.46 0.00
RAMAPO___LBMP 323565	42.76 0.96 0.00	38.90 0.94 0.00	37.17 0.79 0.00	33.29 0.61 0.00	34.28 0.59 0.00	31.07 0.57 0.00	29.73 0.58 0.00	21.43 0.50 0.00	19.23 0.51 0.00	22.84 0.51 0.00	33.65 0.92 0.00	36.39 1.01 0.00	38.29 1.12 0.00	39.43 1.33 0.00	39.24 1.62 0.00	39.76 1.88 0.00	50.41 2.51 0.00	60.81 3.01 0.00	52.95 2.70 0.00	48.18 2.42 0.00	40.93 2.17 0.00	40.59 2.11 0.00	40.74 2.11 0.00	36.06 1.71 0.00
RANKINE____ 23646	38.60 -3.20 0.00	35.10 -2.86 0.00	33.89 -2.49 0.00	30.76 -1.91 0.00	31.31 -2.37 0.00	28.36 -2.13 0.00	26.62 -2.53 0.00	18.81 -2.12 0.00	9.47 -2.24 7.00	8.81 -2.58 10.95	15.77 -3.89 13.08	17.55 -4.14 13.70	18.65 -4.46 14.05	22.76 -4.55 10.79	20.85 -4.46 12.31	19.00 -4.62 14.26	25.44 -6.07 16.38	33.08 -6.71 18.02	28.14 -5.82 16.29	25.02 -5.17 15.56	19.95 -4.42 14.39	33.53 -4.28 0.67	31.42 -4.14 3.06	21.03 -3.93 9.38
RAVENSWOOD_GT2_1 24244	43.38 1.57 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.73 1.05 0.00	34.74 1.06 0.00	31.52 1.02 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.18 0.84 0.00	34.25 1.51 0.00	37.01 1.63 0.00	38.89 1.72 0.00	40.01 1.91 0.00	39.86 2.24 0.00	40.18 2.31 0.00	50.91 3.01 0.00	61.37 3.57 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.34 2.59 0.00	41.02 2.54 0.00	41.25 2.63 0.00	36.56 2.21 0.00

RAVENSWOOD_GT2_2 24245	43.38 1.57 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.73 1.05 0.00	34.74 1.06 0.00	31.52 1.02 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.18 0.84 0.00	34.25 1.51 0.00	37.01 1.63 0.00	38.89 1.72 0.00	40.01 1.91 0.00	39.86 2.24 0.00	40.18 2.31 0.00	50.91 3.01 0.00	61.37 3.57 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.34 2.59 0.00	41.02 2.54 0.00	41.25 2.63 0.00	36.56 2.21 0.00
RAVENSWOOD_GT2_3 24246	43.39 1.58 0.00	39.48 1.52 0.00	37.68 1.30 0.00	33.74 1.07 0.00	34.76 1.07 0.00	31.53 1.03 0.00	30.23 1.08 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.19 0.85 0.00	34.26 1.52 0.00	37.02 1.64 0.00	38.91 1.74 0.00	40.03 1.93 0.00	39.88 2.25 0.00	40.19 2.32 0.00	50.92 3.02 0.00	61.40 3.59 0.00	53.51 3.25 0.00	48.68 2.92 0.00	41.37 2.61 0.00	41.04 2.56 0.00	41.27 2.65 0.00	36.57 2.23 0.00
RAVENSWOOD_GT2_4 24247	43.39 1.58 0.00	39.48 1.52 0.00	37.68 1.30 0.00	33.74 1.07 0.00	34.76 1.07 0.00	31.53 1.03 0.00	30.23 1.08 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.19 0.85 0.00	34.26 1.52 0.00	37.02 1.64 0.00	38.91 1.74 0.00	40.03 1.93 0.00	39.88 2.25 0.00	40.19 2.32 0.00	50.92 3.02 0.00	61.40 3.59 0.00	53.51 3.25 0.00	48.68 2.92 0.00	41.37 2.61 0.00	41.04 2.56 0.00	41.27 2.65 0.00	36.57 2.23 0.00
RAVENSWOOD_GT3_1 24248	43.38 1.57 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.73 1.06 0.00	34.74 1.06 0.00	31.52 1.02 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.18 0.84 0.00	34.25 1.51 0.00	37.01 1.63 0.00	38.89 1.72 0.00	40.01 1.91 0.00	39.86 2.24 0.00	40.18 2.31 0.00	50.91 3.01 0.00	61.37 3.57 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.34 2.59 0.00	41.02 2.54 0.00	41.25 2.63 0.00	36.56 2.21 0.00
RAVENSWOOD_GT3_2 24249	43.38 1.57 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.73 1.06 0.00	34.74 1.06 0.00	31.52 1.02 0.00	30.21 1.06 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.18 0.84 0.00	34.25 1.51 0.00	37.01 1.63 0.00	38.89 1.72 0.00	40.01 1.91 0.00	39.86 2.24 0.00	40.18 2.31 0.00	50.91 3.01 0.00	61.37 3.57 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.34 2.59 0.00	41.02 2.54 0.00	41.25 2.63 0.00	36.56 2.21 0.00
RAVENSWOOD_GT3_3 24250	43.43 1.62 0.00	39.51 1.55 0.00	37.72 1.34 0.00	33.77 1.10 0.00	34.79 1.11 0.00	31.56 1.06 0.00	30.25 1.10 0.00	21.82 0.88 0.00	19.59 0.87 0.00	23.21 0.88 0.00	34.29 1.55 0.00	37.06 1.68 0.00	38.95 1.77 0.00	40.07 1.97 0.00	39.92 2.29 0.00	40.24 2.37 0.00	50.98 3.08 0.00	61.46 3.65 0.00	53.56 3.30 0.00	48.74 2.97 0.00	41.40 2.64 0.00	41.08 2.59 0.00	41.31 2.69 0.00	36.61 2.26 0.00
RAVENSWOOD_GT3_4 24251	43.43 1.62 0.00	39.51 1.55 0.00	37.72 1.34 0.00	33.77 1.10 0.00	34.79 1.11 0.00	31.56 1.06 0.00	30.25 1.10 0.00	21.82 0.88 0.00	19.59 0.87 0.00	23.21 0.88 0.00	34.29 1.55 0.00	37.06 1.68 0.00	38.95 1.77 0.00	40.07 1.97 0.00	39.92 2.29 0.00	40.24 2.37 0.00	50.98 3.08 0.00	61.46 3.65 0.00	53.56 3.30 0.00	48.74 2.97 0.00	41.40 2.64 0.00	41.08 2.59 0.00	41.31 2.69 0.00	36.61 2.26 0.00
RAVENSWOOD_GT_1 23729	47.30 1.72 -3.77	42.45 1.64 -2.85	40.93 1.43 -3.13	37.70 1.18 -3.84	38.48 1.18 -3.62	35.89 1.13 -4.26	34.87 1.18 -4.53	28.23 0.93 -6.37	26.48 0.92 -6.84	29.36 0.93 -6.10	38.20 1.65 -3.81	67.34 1.76 -30.20	42.65 1.83 -3.64	43.92 2.04 -3.77	43.79 2.36 -3.81	44.12 2.45 -3.80	52.58 3.14 -1.55	61.60 3.72 -0.08	54.76 3.39 -1.12	51.92 3.07 -3.09	45.19 2.73 -3.70	44.94 2.70 -3.76	45.04 2.82 -3.59	41.23 2.38 -4.51
RAVENSWOOD_GT_10 24258	43.81 1.57 -0.44	39.78 1.49 -0.33	38.03 1.30 -0.36	34.17 1.05 -0.44	35.15 1.06 -0.42	32.01 1.02 -0.49	30.73 1.06 -0.52	22.52 0.86 -0.74	20.35 0.84 -0.79	23.88 0.84 -0.70	34.68 1.51 -0.44	40.49 1.62 -3.48	39.31 1.72 -0.42	40.45 1.91 -0.43	40.29 2.23 -0.44	40.62 2.31 -0.44	51.08 3.00 -0.18	61.37 3.56 -0.01	53.61 3.23 -0.13	49.02 2.90 -0.36	41.76 2.58 -0.43	41.45 2.54 -0.43	41.65 2.62 -0.41	37.07 2.21 -0.52
RAVENSWOOD_GT_11 24259	43.81 1.57 -0.44	39.78 1.49 -0.33	38.03 1.30 -0.36	34.17 1.05 -0.44	35.15 1.06 -0.42	32.01 1.02 -0.49	30.73 1.06 -0.52	22.52 0.86 -0.74	20.35 0.84 -0.79	23.88 0.84 -0.70	34.68 1.51 -0.44	40.49 1.62 -3.48	39.31 1.72 -0.42	40.45 1.91 -0.43	40.29 2.23 -0.44	40.62 2.31 -0.44	51.08 3.00 -0.18	61.37 3.56 -0.01	53.61 3.23 -0.13	49.02 2.90 -0.36	41.76 2.58 -0.43	41.45 2.54 -0.43	41.65 2.62 -0.41	37.07 2.21 -0.52
RAVENSWOOD_GT_4 24252	46.22 1.55 -2.87	41.61 1.48 -2.17	40.03 1.28 -2.38	36.64 1.04 -2.93	37.48 1.04 -2.76	34.74 1.00 -3.24	33.66 1.05 -3.45	26.62 0.84 -4.85	24.76 0.83 -5.21	27.82 0.83 -4.64	37.12 1.49 -2.90	59.98 1.60 -22.99	41.65 1.71 -2.77	42.87 1.90 -2.87	42.74 2.22 -2.90	43.06 2.30 -2.90	52.07 3.00 -1.18	61.40 3.53 -0.06	54.31 3.20 -0.85	51.00 2.88 -2.36	44.14 2.57 -2.82	43.86 2.52 -2.86	43.95 2.60 -2.73	39.96 2.19 -3.43
RAVENSWOOD_GT_5 24254	46.22 1.55 -2.87	41.61 1.48 -2.17	40.03 1.28 -2.38	36.64 1.04 -2.93	37.48 1.04 -2.76	34.74 1.00 -3.24	33.66 1.05 -3.45	26.62 0.84 -4.85	24.76 0.83 -5.21	27.82 0.83 -4.64	37.12 1.49 -2.90	59.98 1.60 -22.99	41.65 1.71 -2.77	42.87 1.90 -2.87	42.74 2.22 -2.90	43.06 2.30 -2.90	52.07 3.00 -1.18	61.40 3.53 -0.06	54.31 3.20 -0.85	51.00 2.88 -2.36	44.14 2.57 -2.82	43.86 2.52 -2.86	43.95 2.60 -2.73	39.96 2.19 -3.43
RAVENSWOOD_GT_6 24253	46.22 1.55 -2.87	41.61 1.48 -2.17	40.03 1.28 -2.38	36.64 1.04 -2.93	37.48 1.04 -2.76	34.74 1.00 -3.24	33.66 1.05 -3.45	26.62 0.84 -4.85	24.76 0.83 -5.21	27.82 0.83 -4.64	37.12 1.49 -2.90	59.98 1.60 -22.99	41.65 1.71 -2.77	42.87 1.90 -2.87	42.74 2.22 -2.90	43.06 2.30 -2.90	52.07 3.00 -1.18	61.40 3.53 -0.06	54.31 3.20 -0.85	51.00 2.88 -2.36	44.14 2.57 -2.82	43.86 2.52 -2.86	43.95 2.60 -2.73	39.96 2.19 -3.43
RAVENSWOOD_GT_7 24255	46.22 1.55 -2.87	41.61 1.48 -2.17	40.03 1.28 -2.38	36.64 1.04 -2.93	37.48 1.04 -2.76	34.74 1.00 -3.24	33.66 1.05 -3.45	26.62 0.84 -4.85	24.76 0.83 -5.21	27.82 0.83 -4.64	37.12 1.49 -2.90	59.98 1.60 -22.99	41.65 1.71 -2.77	42.87 1.90 -2.87	42.74 2.22 -2.90	43.06 2.30 -2.90	52.07 3.00 -1.18	61.40 3.53 -0.06	54.31 3.20 -0.85	51.00 2.88 -2.36	44.14 2.57 -2.82	43.86 2.52 -2.86	43.95 2.60 -2.73	39.96 2.19 -3.43
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.81 1.57 -0.44	39.78 1.49 -0.33	38.03 1.30 -0.36	34.17 1.05 -0.44	35.15 1.06 -0.42	32.01 1.02 -0.49	30.73 1.06 -0.52	22.52 0.86 -0.74	20.35 0.84 -0.79	23.88 0.84 -0.70	34.68 1.51 -0.44	40.49 1.62 -3.48	39.31 1.72 -0.42	40.45 1.91 -0.43	40.29 2.23 -0.44	40.62 2.31 -0.44	51.08 3.00 -0.18	61.37 3.56 -0.01	53.61 3.23 -0.13	49.02 2.90 -0.36	41.76 2.58 -0.43	41.45 2.54 -0.43	41.65 2.62 -0.41	37.07 2.21 -0.52

RAVENSWOOD_GT_9 24257	43.81 1.57 -0.44	39.78 1.49 -0.33	38.03 1.30 -0.36	34.17 1.05 -0.44	35.15 1.06 -0.42	32.01 1.02 -0.49	30.73 1.06 -0.52	22.52 0.86 -0.74	20.35 0.84 -0.79	23.88 0.84 -0.70	34.68 1.51 -0.44	40.49 1.62 -3.48	39.31 1.72 -0.42	40.45 1.91 -0.43	40.29 2.23 -0.44	40.62 2.31 -0.44	51.08 3.00 -0.18	61.37 3.56 -0.01	53.61 3.23 -0.13	49.02 2.90 -0.36	41.76 2.58 -0.43	41.45 2.54 -0.43	41.65 2.62 -0.41	37.07 2.21 -0.52
RAVENSWOOD___1 23533	39.76 1.67 3.71	36.75 1.59 2.80	34.67 1.38 3.08	30.04 1.14 3.78	31.27 1.15 3.56	27.40 1.09 4.19	25.83 1.15 4.47	15.58 0.91 6.27	12.87 0.89 6.74	17.23 0.89 6.01	30.60 1.61 3.75	7.35 1.70 29.73	35.35 1.76 3.58	36.36 1.98 3.71	36.16 2.28 3.75	36.50 2.37 3.75	49.45 3.08 1.52	61.38 3.64 0.08	52.45 3.29 1.10	45.71 2.99 3.04	37.77 2.66 3.65	37.42 2.64 3.70	37.86 2.77 3.53	32.25 2.34 4.43
RAVENSWOOD___2 23534	39.76 1.67 3.71	36.75 1.59 2.80	34.67 1.38 3.08	30.04 1.14 3.78	31.27 1.15 3.56	27.40 1.09 4.19	25.83 1.15 4.47	15.58 0.91 6.27	12.87 0.89 6.74	17.23 0.89 6.01	30.60 1.61 3.75	7.35 1.70 29.73	35.35 1.76 3.58	36.36 1.98 3.71	36.16 2.28 3.75	36.50 2.37 3.75	49.45 3.08 1.52	61.38 3.64 0.08	52.45 3.29 1.10	45.71 2.99 3.04	37.77 2.66 3.65	37.42 2.64 3.70	37.86 2.77 3.53	32.25 2.34 4.43
RAVENSWOOD___3 23535	43.38 1.57 0.00	39.46 1.50 0.00	37.68 1.30 0.00	33.73 1.06 0.00	34.75 1.06 0.00	31.51 1.02 0.00	30.21 1.07 0.00	21.79 0.86 0.00	19.56 0.84 0.00	23.18 0.84 0.00	34.25 1.51 0.00	36.99 1.60 0.00	38.87 1.70 0.00	39.99 1.90 0.00	39.84 2.21 0.00	40.16 2.29 0.00	50.89 2.99 0.00	61.34 3.54 0.00	53.45 3.20 0.00	48.65 2.89 0.00	41.33 2.57 0.00	41.02 2.54 0.00	41.25 2.63 0.00	36.56 2.21 0.00
RAVENSWOOD___4 23820	39.76 1.67 3.71	36.75 1.59 2.80	34.67 1.38 3.08	30.04 1.14 3.78	31.27 1.15 3.56	27.40 1.09 4.19	25.83 1.15 4.47	15.58 0.91 6.27	12.87 0.89 6.74	17.23 0.89 6.01	30.60 1.61 3.75	7.35 1.70 29.73	35.35 1.76 3.58	36.36 1.98 3.71	36.16 2.28 3.75	36.50 2.37 3.75	49.45 3.08 1.52	61.38 3.64 0.08	52.45 3.29 1.10	45.71 2.99 3.04	37.77 2.66 3.65	37.42 2.64 3.70	37.86 2.77 3.53	32.25 2.34 4.43
RCPI_TRUST___DRP 24196	43.37 1.57 0.00	39.45 1.49 0.00	37.68 1.30 0.00	33.73 1.06 0.00	34.75 1.07 0.00	31.52 1.02 0.00	30.22 1.07 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.18 0.84 0.00	34.25 1.51 0.00	37.00 1.62 0.00	38.90 1.73 0.00	40.02 1.92 0.00	39.86 2.24 0.00	40.18 2.31 0.00	50.91 3.01 0.00	61.38 3.57 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.33 2.58 0.00	41.01 2.53 0.00	41.23 2.61 0.00	36.55 2.20 0.00
RED___ROCHESTER 323720	39.76 -2.05 0.00	36.09 -1.87 0.00	34.69 -1.69 0.00	31.35 -1.33 0.00	32.10 -1.58 0.00	29.11 -1.38 0.00	27.58 -1.57 0.00	19.66 -1.28 0.00	17.38 -1.34 0.00	20.81 -1.53 0.00	30.40 -2.34 0.00	32.95 -2.44 0.00	34.57 -2.60 0.00	35.44 -2.66 0.00	35.04 -2.58 0.00	35.24 -2.63 0.00	44.46 -3.44 0.00	54.07 -3.74 0.00	46.97 -3.29 0.00	42.75 -3.01 0.00	36.14 -2.62 0.00	35.93 -2.56 0.00	36.07 -2.56 0.00	31.88 -2.47 0.00
REGAN___SOLAR 323812	43.94 2.13 0.00	39.85 1.89 0.00	38.29 1.92 0.00	34.40 1.73 0.00	35.46 1.77 0.00	32.14 1.64 0.00	30.76 1.61 0.00	22.10 1.17 0.00	19.76 1.04 0.00	23.56 1.22 0.00	34.61 1.88 0.00	37.38 1.99 0.00	39.31 2.14 0.00	40.21 2.11 0.00	39.71 2.08 0.00	40.14 2.27 0.00	50.95 3.05 0.00	61.53 3.73 0.00	53.47 3.22 0.00	48.61 2.85 0.00	41.12 2.36 0.00	40.71 2.23 0.00	40.76 2.14 0.00	36.11 1.77 0.00
RENSSELAER___COGEN 23796	42.91 1.10 0.00	38.97 1.01 0.00	37.31 0.93 0.00	33.43 0.76 0.00	34.46 0.78 0.00	31.20 0.70 0.00	29.85 0.70 0.00	21.48 0.55 0.00	19.32 0.60 0.00	23.01 0.68 0.00	33.83 1.09 0.00	36.55 1.17 0.00	38.45 1.28 0.00	39.42 1.32 0.00	39.02 1.39 0.00	39.14 1.26 0.00	49.57 1.68 0.00	59.82 2.01 0.00	52.01 1.75 0.00	47.30 1.54 0.00	40.13 1.37 0.00	39.81 1.33 0.00	40.00 1.38 0.00	35.77 1.43 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.79 2.99 0.00	40.94 2.98 0.00	39.43 3.05 0.00	35.02 2.34 0.00	36.20 2.52 0.00	32.61 2.11 0.00	31.27 2.12 0.00	22.56 1.62 0.00	20.69 1.96 0.00	24.64 2.30 0.00	36.29 3.55 0.00	39.35 3.96 0.00	41.47 4.30 0.00	42.59 4.50 0.00	42.11 4.48 0.00	42.50 4.63 0.00	53.79 5.89 0.00	64.72 6.91 0.00	56.40 6.14 0.00	51.36 5.60 0.00	43.63 4.87 0.00	43.19 4.71 0.00	43.12 4.50 0.00	38.18 3.84 0.00
REVERE_CPPR_DRP 24186	42.51 0.70 0.00	38.69 0.73 0.00	37.06 0.68 0.00	33.37 0.69 0.00	34.49 0.80 0.00	31.32 0.82 0.00	29.97 0.82 0.00	21.55 0.62 0.00	19.30 0.57 0.00	23.07 0.73 0.00	33.79 1.05 0.00	36.52 1.14 0.00	38.34 1.17 0.00	39.30 1.19 0.00	38.66 1.03 0.00	38.98 1.11 0.00	49.32 1.42 0.00	59.41 1.60 0.00	51.59 1.33 0.00	46.93 1.17 0.00	39.66 0.90 0.00	39.26 0.78 0.00	39.29 0.67 0.00	34.88 0.53 0.00
REYNOLDS_115KV_TB3 80639	43.03 1.23 0.00	39.08 1.12 0.00	37.42 1.04 0.00	33.52 0.85 0.00	34.54 0.86 0.00	31.26 0.76 0.00	29.91 0.76 0.00	21.54 0.61 0.00	19.39 0.66 0.00	23.08 0.75 0.00	33.95 1.21 0.00	36.69 1.30 0.00	38.59 1.42 0.00	39.56 1.46 0.00	39.16 1.54 0.00	39.37 1.50 0.00	49.89 1.99 0.00	60.18 2.37 0.00	52.32 2.07 0.00	47.58 1.81 0.00	40.38 1.62 0.00	40.06 1.57 0.00	40.23 1.60 0.00	35.90 1.56 0.00
RIVERBAY____ 323610	43.43 1.62 0.00	39.52 1.56 0.00	37.68 1.30 0.00	33.79 1.12 0.00	34.77 1.09 0.00	31.60 1.10 0.00	30.24 1.10 0.00	21.81 0.88 0.00	19.58 0.86 0.00	23.22 0.88 0.00	34.31 1.58 0.00	37.08 1.69 0.00	38.91 1.73 0.00	40.07 1.97 0.00	39.86 2.24 0.00	40.22 2.35 0.00	50.91 3.01 0.00	61.43 3.62 0.00	53.53 3.28 0.00	48.73 2.97 0.00	41.41 2.65 0.00	41.10 2.61 0.00	41.28 2.65 0.00	36.52 2.17 -0.01
RIVERSDE_115KV_TB3 55908	43.01 1.20 0.00	39.07 1.11 0.00	37.39 1.01 0.00	33.50 0.83 0.00	34.53 0.85 0.00	31.25 0.76 0.00	29.90 0.76 0.00	21.53 0.60 0.00	19.37 0.65 0.00	23.08 0.74 0.00	33.92 1.18 0.00	36.66 1.27 0.00	38.56 1.39 0.00	39.54 1.44 0.00	39.13 1.50 0.00	39.29 1.42 0.00	49.78 1.88 0.00	60.06 2.25 0.00	52.22 1.96 0.00	47.48 1.72 0.00	40.30 1.54 0.00	39.96 1.48 0.00	40.14 1.52 0.00	35.87 1.52 0.00
ROARING___BROOK_WT_PWR 323790	41.45 -0.36 0.00	37.47 -0.49 0.00	36.16 -0.22 0.00	32.57 -0.10 0.00	33.72 0.04 0.00	30.56 0.06 0.00	29.23 0.08 0.00	20.99 0.06 0.00	18.78 0.06 0.00	22.43 0.09 0.00	32.88 0.15 0.00	35.52 0.13 0.00	37.18 0.01 0.00	37.93 -0.18 0.00	37.17 -0.46 0.00	37.39 -0.48 0.00	47.31 -0.59 0.00	56.81 -1.00 0.00	49.27 -0.99 0.00	44.83 -0.93 0.00	37.91 -0.85 0.00	37.65 -0.83 0.00	37.78 -0.84 0.00	33.61 -0.74 0.00

ROCHESRG_115KV_T4 355643	39.34 -2.47 0.00	35.72 -2.24 0.00	34.35 -2.03 0.00	31.06 -1.62 0.00	31.80 -1.88 0.00	28.84 -1.65 0.00	27.33 -1.82 0.00	19.47 -1.47 0.00	17.18 -1.54 0.00	20.56 -1.78 0.00	30.02 -2.71 0.00	32.49 -2.89 0.00	34.09 -3.09 0.00	34.95 -3.15 0.00	34.52 -3.11 0.00	34.67 -3.19 0.00	43.75 -4.14 0.00	53.20 -4.61 0.00	46.20 -4.06 0.00	42.08 -3.69 0.00	35.58 -3.18 0.00	35.47 -3.02 0.00	35.63 -2.99 0.00	31.49 -2.85 0.00
ROCHESTER_9_IC 23652	39.54 -2.26 0.00	35.90 -2.06 0.00	34.52 -1.86 0.00	31.21 -1.46 0.00	31.96 -1.72 0.00	28.99 -1.51 0.00	27.46 -1.69 0.00	19.56 -1.37 0.00	17.27 -1.46 0.00	20.67 -1.67 0.00	30.20 -2.53 0.00	32.68 -2.70 0.00	34.28 -2.89 0.00	35.17 -2.93 0.00	34.74 -2.89 0.00	34.90 -2.97 0.00	44.06 -3.85 0.00	53.58 -4.23 0.00	46.51 -3.75 0.00	42.38 -3.38 0.00	35.82 -2.94 0.00	35.68 -2.80 0.00	35.84 -2.78 0.00	31.68 -2.67 0.00
ROCKVIEW_13_KV_LD 356306	43.51 1.71 0.00	39.57 1.61 0.00	37.79 1.42 0.00	33.84 1.17 0.00	34.88 1.20 0.00	31.63 1.14 0.00	30.30 1.15 0.00	21.85 0.92 0.00	19.63 0.90 0.00	23.26 0.92 0.00	34.35 1.61 0.00	37.14 1.76 0.00	39.06 1.89 0.00	40.19 2.09 0.00	40.02 2.39 0.00	40.33 2.46 0.00	51.11 3.21 0.00	61.66 3.85 0.00	53.71 3.45 0.00	48.86 3.10 0.00	41.50 2.75 0.00	41.17 2.69 0.00	41.36 2.74 0.00	36.65 2.30 0.00
ROME____115KV_TB2 80656	42.51 0.70 0.00	38.69 0.73 0.00	37.06 0.68 0.00	33.37 0.69 0.00	34.49 0.80 0.00	31.32 0.82 0.00	29.97 0.82 0.00	21.55 0.62 0.00	19.30 0.57 0.00	23.07 0.73 0.00	33.79 1.05 0.00	36.52 1.14 0.00	38.34 1.17 0.00	39.30 1.19 0.00	38.66 1.03 0.00	38.98 1.11 0.00	49.32 1.42 0.00	59.41 1.60 0.00	51.59 1.33 0.00	46.93 1.17 0.00	39.66 0.90 0.00	39.26 0.78 0.00	39.29 0.67 0.00	34.88 0.53 0.00
ROSETON___1 23587	42.59 0.79 0.00	38.73 0.77 0.00	37.03 0.65 0.00	33.17 0.49 0.00	34.16 0.47 0.00	30.96 0.46 0.00	29.63 0.48 0.00	21.35 0.42 0.00	19.15 0.43 0.00	22.76 0.42 0.00	33.49 0.75 0.00	36.21 0.83 0.00	38.10 0.93 0.00	39.21 1.11 0.00	39.00 1.37 0.00	39.46 1.59 0.00	50.01 2.11 0.00	60.36 2.55 0.00	52.54 2.29 0.00	47.82 2.06 0.00	40.61 1.85 0.00	40.29 1.81 0.00	40.43 1.80 0.00	35.80 1.46 0.00
ROSETON___2 23588	42.59 0.79 0.00	38.73 0.77 0.00	37.03 0.65 0.00	33.17 0.49 0.00	34.16 0.47 0.00	30.96 0.46 0.00	29.63 0.48 0.00	21.35 0.42 0.00	19.15 0.43 0.00	22.76 0.42 0.00	33.49 0.75 0.00	36.21 0.83 0.00	38.10 0.93 0.00	39.21 1.11 0.00	39.00 1.37 0.00	39.46 1.59 0.00	50.01 2.11 0.00	60.36 2.55 0.00	52.54 2.29 0.00	47.82 2.06 0.00	40.61 1.85 0.00	40.29 1.81 0.00	40.43 1.80 0.00	35.80 1.46 0.00
ROTTRDAM_115KV_TB3 80664	42.79 0.98 0.00	38.87 0.91 0.00	37.24 0.86 0.00	33.40 0.72 0.00	34.42 0.74 0.00	31.16 0.66 0.00	29.81 0.66 0.00	21.44 0.51 0.00	19.25 0.53 0.00	22.93 0.59 0.00	33.69 0.95 0.00	36.41 1.03 0.00	38.29 1.12 0.00	39.26 1.16 0.00	38.85 1.22 0.00	39.16 1.29 0.00	49.62 1.72 0.00	59.87 2.06 0.00	52.06 1.81 0.00	47.36 1.60 0.00	40.15 1.39 0.00	39.83 1.34 0.00	39.95 1.33 0.00	35.50 1.15 0.00
RUSSELL___1 23602	39.74 -2.06 0.00	36.08 -1.88 0.00	34.69 -1.69 0.00	31.35 -1.33 0.00	32.10 -1.58 0.00	29.12 -1.38 0.00	27.58 -1.57 0.00	19.66 -1.28 0.00	17.36 -1.36 0.00	20.78 -1.56 0.00	30.37 -2.36 0.00	32.88 -2.51 0.00	34.50 -2.68 0.00	35.39 -2.71 0.00	34.96 -2.67 0.00	35.13 -2.74 0.00	44.36 -3.54 0.00	53.97 -3.84 0.00	46.85 -3.41 0.00	42.67 -3.09 0.00	36.06 -2.70 0.00	35.92 -2.57 0.00	36.05 -2.57 0.00	31.86 -2.48 0.00
RUSSELL___2 23532	39.74 -2.06 0.00	36.08 -1.88 0.00	34.69 -1.69 0.00	31.35 -1.33 0.00	32.10 -1.58 0.00	29.12 -1.38 0.00	27.58 -1.57 0.00	19.66 -1.28 0.00	17.36 -1.36 0.00	20.78 -1.56 0.00	30.37 -2.36 0.00	32.88 -2.51 0.00	34.50 -2.68 0.00	35.39 -2.71 0.00	34.96 -2.67 0.00	35.13 -2.74 0.00	44.36 -3.54 0.00	53.97 -3.84 0.00	46.85 -3.41 0.00	42.67 -3.09 0.00	36.06 -2.70 0.00	35.92 -2.57 0.00	36.05 -2.57 0.00	31.86 -2.48 0.00
RUSSELL___3 23549	39.74 -2.06 0.00	36.08 -1.88 0.00	34.69 -1.69 0.00	31.35 -1.33 0.00	32.10 -1.58 0.00	29.12 -1.38 0.00	27.58 -1.57 0.00	19.66 -1.28 0.00	17.36 -1.36 0.00	20.78 -1.56 0.00	30.37 -2.36 0.00	32.88 -2.51 0.00	34.50 -2.68 0.00	35.39 -2.71 0.00	34.96 -2.67 0.00	35.13 -2.74 0.00	44.36 -3.54 0.00	53.97 -3.84 0.00	46.85 -3.41 0.00	42.67 -3.09 0.00	36.06 -2.70 0.00	35.92 -2.57 0.00	36.05 -2.57 0.00	31.86 -2.48 0.00
RUSSELL___4 23556	39.74 -2.06 0.00	36.08 -1.88 0.00	34.69 -1.69 0.00	31.35 -1.33 0.00	32.10 -1.58 0.00	29.12 -1.38 0.00	27.58 -1.57 0.00	19.66 -1.28 0.00	17.36 -1.36 0.00	20.78 -1.56 0.00	30.37 -2.36 0.00	32.88 -2.51 0.00	34.50 -2.68 0.00	35.39 -2.71 0.00	34.96 -2.67 0.00	35.13 -2.74 0.00	44.36 -3.54 0.00	53.97 -3.84 0.00	46.85 -3.41 0.00	42.67 -3.09 0.00	36.06 -2.70 0.00	35.92 -2.57 0.00	36.05 -2.57 0.00	31.86 -2.48 0.00
RUSSELL___STATION 23914	39.74 -2.06 0.00	36.08 -1.88 0.00	34.69 -1.69 0.00	31.35 -1.33 0.00	32.10 -1.58 0.00	29.12 -1.38 0.00	27.58 -1.57 0.00	19.66 -1.28 0.00	17.36 -1.36 0.00	20.78 -1.56 0.00	30.37 -2.36 0.00	32.88 -2.51 0.00	34.50 -2.68 0.00	35.39 -2.71 0.00	34.96 -2.67 0.00	35.13 -2.74 0.00	44.36 -3.54 0.00	53.97 -3.84 0.00	46.85 -3.41 0.00	42.67 -3.09 0.00	36.06 -2.70 0.00	35.92 -2.57 0.00	36.05 -2.57 0.00	31.86 -2.48 0.00
S SALMON___HYD 24043	40.63 -1.17 0.00	36.78 -1.18 0.00	35.17 -1.20 0.00	31.76 -0.91 0.00	32.84 -0.85 0.00	29.80 -0.69 0.00	28.47 -0.68 0.00	20.45 -0.48 0.00	18.24 -0.48 0.00	21.84 -0.50 0.00	31.95 -0.79 0.00	34.51 -0.88 0.00	36.13 -1.04 0.00	36.99 -1.11 0.00	36.17 -1.45 0.00	36.39 -1.48 0.00	46.04 -1.86 0.00	55.64 -2.17 0.00	48.34 -1.92 0.00	43.95 -1.81 0.00	37.18 -1.58 0.00	36.88 -1.60 0.00	36.98 -1.64 0.00	32.88 -1.46 0.00
S.PERRY__115KV_TB1 80734	40.58 -1.23 0.00	36.94 -1.02 0.00	35.57 -0.81 0.00	32.05 -0.62 0.00	32.82 -0.86 0.00	29.73 -0.77 0.00	28.05 -1.10 0.00	19.92 -1.02 0.00	41.74 -1.19 -24.21	58.69 -1.32 -37.68	75.49 -2.14 -44.89	80.16 -2.26 -47.03	82.95 -2.48 -48.25	72.54 -2.60 -37.04	77.45 -2.44 -42.27	84.50 -2.32 -48.95	101.22 -2.94 -56.26	116.70 -2.96 -61.86	103.62 -2.57 -55.94	96.90 -2.30 -53.44	86.12 -2.05 -49.42	38.83 -1.96 -2.30	47.15 -2.06 -10.59	64.73 -2.03 -32.41
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	38.11 -3.70 0.00	34.64 -3.32 0.00	33.45 -2.93 0.00	30.40 -2.28 0.00	30.95 -2.73 0.00	28.05 -2.45 0.00	26.32 -2.82 0.00	18.60 -2.33 0.00	9.53 -2.44 6.76	9.00 -2.81 10.52	15.92 -4.27 12.54	17.70 -4.55 13.13	18.81 -4.89 13.48	22.77 -4.99 10.34	20.89 -4.93 11.80	19.09 -5.11 13.67	25.47 -6.71 15.71	33.04 -7.49 17.28	28.10 -6.53 15.62	25.01 -5.82 14.93	19.99 -4.97 13.80	33.07 -4.77 0.64	31.07 -4.60 2.96	20.93 -4.37 9.05

SAWYER___23_KV_LOAD 55526	38.11 -3.70 0.00	34.64 -3.32 0.00	33.45 -2.93 0.00	30.40 -2.28 0.00	30.95 -2.73 0.00	28.05 -2.45 0.00	26.32 -2.82 0.00	18.60 -2.33 0.00	9.53 -2.44 6.76	9.00 -2.81 10.52	15.92 -4.27 12.54	17.70 -4.55 13.13	18.81 -4.89 13.48	22.77 -4.99 10.34	20.89 -4.93 11.80	19.09 -5.11 13.67	25.47 -6.71 15.71	33.04 -7.49 17.28	28.10 -6.53 15.62	25.01 -5.82 14.93	19.99 -4.97 13.80	33.07 -4.77 0.64	31.07 -4.60 2.96	20.93 -4.37 9.05
SELKIRK___I 23801	43.05 1.24 0.00	39.16 1.20 0.00	37.48 1.11 0.00	33.61 0.94 0.00	34.65 0.97 0.00	31.36 0.86 0.00	29.99 0.84 0.00	21.58 0.65 0.00	19.38 0.66 0.00	23.08 0.74 0.00	33.88 1.15 0.00	36.62 1.23 0.00	38.51 1.34 0.00	39.48 1.38 0.00	39.07 1.44 0.00	39.24 1.37 0.00	49.71 1.81 0.00	59.96 2.16 0.00	52.12 1.86 0.00	47.41 1.65 0.00	40.23 1.47 0.00	39.90 1.42 0.00	40.06 1.44 0.00	35.75 1.40 0.00
SELKIRK___II 23799	42.83 1.03 0.00	38.92 0.96 0.00	37.25 0.87 0.00	33.39 0.72 0.00	34.42 0.74 0.00	31.15 0.65 0.00	29.80 0.66 0.00	21.45 0.52 0.00	19.27 0.55 0.00	22.95 0.61 0.00	33.73 0.99 0.00	36.45 1.06 0.00	38.33 1.16 0.00	39.31 1.21 0.00	38.92 1.29 0.00	39.10 1.23 0.00	49.53 1.63 0.00	59.75 1.94 0.00	51.96 1.70 0.00	47.26 1.50 0.00	40.11 1.35 0.00	39.78 1.31 0.00	39.95 1.33 0.00	35.64 1.30 0.00
SENECA OSWGO___HYD 24041	40.45 -1.35 0.00	36.77 -1.19 0.00	35.23 -1.15 0.00	31.67 -1.00 0.00	32.61 -1.07 0.00	29.58 -0.92 0.00	28.24 -0.91 0.00	20.24 -0.69 0.00	18.03 -0.69 0.00	21.53 -0.81 0.00	31.42 -1.32 0.00	33.97 -1.41 0.00	35.69 -1.48 0.00	36.61 -1.49 0.00	36.17 -1.46 0.00	36.46 -1.41 0.00	46.10 -1.79 0.00	55.73 -2.08 0.00	48.45 -1.81 0.00	44.06 -1.70 0.00	37.31 -1.45 0.00	37.05 -1.44 0.00	37.13 -1.49 0.00	33.06 -1.29 0.00
SENECA___115KV_TB3 355854	38.66 -3.15 0.00	35.15 -2.81 0.00	33.95 -2.42 0.00	30.82 -1.86 0.00	31.37 -2.32 0.00	28.41 -2.08 0.00	26.67 -2.48 0.00	18.84 -2.09 0.00	9.50 -2.22 7.00	8.84 -2.55 10.95	15.81 -3.85 13.08	17.60 -4.08 13.70	18.72 -4.40 14.05	22.83 -4.49 10.79	20.91 -4.41 12.31	19.05 -4.56 14.26	25.53 -5.98 16.38	33.18 -6.61 18.02	28.23 -5.73 16.29	25.11 -5.09 15.56	20.02 -4.36 14.39	33.60 -4.21 0.67	31.49 -4.06 3.06	21.07 -3.89 9.38
SENECA___ENERGY 23797	40.44 -1.37 0.00	36.77 -1.20 0.00	35.27 -1.10 0.00	31.69 -0.98 0.00	32.58 -1.11 0.00	29.55 -0.95 0.00	28.13 -1.02 0.00	20.14 -0.79 0.00	19.55 -0.82 -1.65	23.95 -0.95 -2.56	34.22 -1.57 -3.06	36.94 -1.65 -3.20	38.70 -1.75 -3.28	38.88 -1.75 -2.52	38.86 -1.64 -2.88	39.60 -1.60 -3.33	49.63 -2.10 -3.83	59.63 -2.40 -4.21	52.04 -2.03 -3.81	47.54 -1.86 -3.64	40.51 -1.61 -3.36	37.12 -1.52 -0.16	37.75 -1.59 -0.72	35.06 -1.49 -2.21
SHOEMAKER___GT 23640	42.62 0.81 0.00	38.74 0.78 0.00	37.05 0.67 0.00	33.19 0.52 0.00	34.19 0.51 0.00	30.98 0.49 0.00	29.64 0.49 0.00	21.36 0.43 0.00	19.15 0.43 0.00	22.77 0.43 0.00	33.44 0.70 0.00	36.22 0.83 0.00	38.10 0.93 0.00	39.21 1.11 0.00	38.97 1.34 0.00	39.41 1.54 0.00	49.93 2.03 0.00	60.29 2.48 0.00	52.47 2.21 0.00	47.75 1.99 0.00	40.54 1.78 0.00	40.22 1.74 0.00	40.34 1.72 0.00	35.74 1.40 0.00
SHOEMAKR_138KV_BK 111 55601	42.60 0.80 0.00	38.73 0.77 0.00	37.04 0.66 0.00	33.18 0.51 0.00	34.17 0.49 0.00	30.97 0.48 0.00	29.63 0.48 0.00	21.35 0.42 0.00	19.15 0.43 0.00	22.77 0.43 0.00	33.45 0.71 0.00	36.21 0.82 0.00	38.10 0.93 0.00	39.20 1.10 0.00	38.97 1.34 0.00	39.42 1.55 0.00	49.94 2.04 0.00	60.28 2.47 0.00	52.48 2.22 0.00	47.75 1.98 0.00	40.54 1.78 0.00	40.21 1.72 0.00	40.33 1.71 0.00	35.74 1.39 0.00
SHOREHAM_IC_1 23715	43.17 1.36 0.00	39.24 1.28 0.00	37.30 0.92 0.00	33.75 1.08 0.00	35.22 1.54 0.00	32.40 1.90 0.00	31.08 1.93 0.00	22.37 1.44 0.00	20.01 1.29 0.00	23.11 0.77 0.00	34.11 1.37 0.00	36.68 1.30 0.00	38.93 1.76 0.00	40.58 2.48 0.00	52.43 3.58 -11.23	54.62 3.71 -13.03	52.69 4.05 -0.73	65.93 4.89 -3.23	54.35 4.09 0.00	50.95 3.68 -1.50	54.02 3.49 -11.77	54.09 3.68 -11.93	42.12 3.50 0.00	37.19 2.84 0.00
SHOREHAM_IC_2 23716	43.17 1.36 0.00	39.24 1.28 0.00	37.30 0.92 0.00	33.75 1.08 0.00	35.22 1.54 0.00	32.40 1.90 0.00	31.08 1.93 0.00	22.37 1.44 0.00	20.01 1.29 0.00	23.11 0.77 0.00	34.11 1.37 0.00	36.68 1.30 0.00	38.93 1.76 0.00	40.58 2.48 0.00	52.43 3.58 -11.23	54.62 3.71 -13.03	52.69 4.05 -0.73	65.93 4.89 -3.23	54.35 4.09 0.00	50.95 3.68 -1.50	54.02 3.49 -11.77	54.09 3.68 -11.93	42.12 3.50 0.00	37.19 2.84 0.00
SISSONVILLE____ 23735	42.00 0.20 0.00	38.03 0.06 0.00	36.40 0.03 0.00	32.87 0.20 0.00	34.01 0.32 0.00	30.61 0.11 0.00	29.16 0.01 0.00	20.91 -0.02 0.00	18.75 0.02 0.00	22.69 0.35 0.00	33.30 0.57 0.00	35.99 0.61 0.00	37.75 0.58 0.00	38.58 0.47 0.00	37.70 0.07 0.00	37.42 -0.46 0.00	47.25 -0.65 0.00	56.96 -0.85 0.00	49.45 -0.80 0.00	45.03 -0.73 0.00	37.97 -0.79 0.00	37.65 -0.83 0.00	37.99 -0.63 0.00	33.87 -0.48 0.00
SITHE_IND_GS1 24169	40.27 -1.53 0.00	36.59 -1.37 0.00	35.07 -1.30 0.00	31.53 -1.15 0.00	32.47 -1.21 0.00	29.43 -1.07 0.00	28.10 -1.05 0.00	20.14 -0.79 0.00	17.93 -0.80 0.00	21.39 -0.95 0.00	31.19 -1.54 0.00	33.71 -1.67 0.00	35.40 -1.77 0.00	36.30 -1.80 0.00	35.86 -1.77 0.00	36.12 -1.75 0.00	45.66 -2.24 0.00	55.19 -2.62 0.00	47.97 -2.28 0.00	43.66 -2.10 0.00	36.98 -1.78 0.00	36.72 -1.76 0.00	36.85 -1.77 0.00	32.83 -1.52 0.00
SITHE_IND_GS2 24170	40.27 -1.53 0.00	36.59 -1.37 0.00	35.07 -1.30 0.00	31.53 -1.15 0.00	32.47 -1.21 0.00	29.43 -1.07 0.00	28.10 -1.05 0.00	20.14 -0.79 0.00	17.93 -0.80 0.00	21.39 -0.95 0.00	31.19 -1.54 0.00	33.71 -1.67 0.00	35.40 -1.77 0.00	36.30 -1.80 0.00	35.86 -1.77 0.00	36.12 -1.75 0.00	45.66 -2.24 0.00	55.19 -2.62 0.00	47.97 -2.28 0.00	43.66 -2.10 0.00	36.98 -1.78 0.00	36.72 -1.76 0.00	36.85 -1.77 0.00	32.83 -1.52 0.00
SITHE_IND_GS3 24171	40.27 -1.53 0.00	36.59 -1.37 0.00	35.07 -1.30 0.00	31.53 -1.15 0.00	32.47 -1.21 0.00	29.43 -1.07 0.00	28.10 -1.05 0.00	20.14 -0.79 0.00	17.93 -0.80 0.00	21.39 -0.95 0.00	31.19 -1.54 0.00	33.71 -1.67 0.00	35.40 -1.77 0.00	36.30 -1.80 0.00	35.86 -1.77 0.00	36.12 -1.75 0.00	45.66 -2.24 0.00	55.19 -2.62 0.00	47.97 -2.28 0.00	43.66 -2.10 0.00	36.98 -1.78 0.00	36.72 -1.76 0.00	36.85 -1.77 0.00	32.83 -1.52 0.00
SITHE_IND_GS4 24172	40.27 -1.53 0.00	36.59 -1.37 0.00	35.07 -1.30 0.00	31.53 -1.15 0.00	32.47 -1.21 0.00	29.43 -1.07 0.00	28.10 -1.05 0.00	20.14 -0.79 0.00	17.93 -0.80 0.00	21.39 -0.95 0.00	31.19 -1.54 0.00	33.71 -1.67 0.00	35.40 -1.77 0.00	36.30 -1.80 0.00	35.86 -1.77 0.00	36.12 -1.75 0.00	45.66 -2.24 0.00	55.19 -2.62 0.00	47.97 -2.28 0.00	43.66 -2.10 0.00	36.98 -1.78 0.00	36.72 -1.76 0.00	36.85 -1.77 0.00	32.83 -1.52 0.00

SITHE___BATAVIA 24024	39.33 -2.47 0.00	35.69 -2.27 0.00	34.38 -2.00 0.00	31.19 -1.49 0.00	31.82 -1.86 0.00	28.89 -1.61 0.00	27.21 -1.94 0.00	19.32 -1.61 0.00	13.67 -1.64 3.40	15.12 -1.84 5.37	23.46 -2.82 6.45	25.70 -2.93 6.76	27.12 -3.12 6.93	29.50 -3.28 5.32	28.36 -3.20 6.07	27.54 -3.30 7.03	35.49 -4.33 8.08	44.38 -4.54 8.90	38.24 -3.98 8.04	34.45 -3.63 7.68	28.52 -3.15 7.09	34.91 -3.25 0.32	34.03 -3.10 1.49	26.78 -3.01 4.56
SITHE___INDEPEND 23800	40.26 -1.54 0.00	36.59 -1.37 0.00	35.07 -1.31 0.00	31.53 -1.15 0.00	32.47 -1.21 0.00	29.43 -1.07 0.00	28.10 -1.05 0.00	20.14 -0.79 0.00	17.93 -0.80 0.00	21.38 -0.96 0.00	31.19 -1.55 0.00	33.69 -1.69 0.00	35.39 -1.78 0.00	36.29 -1.81 0.00	35.85 -1.78 0.00	36.11 -1.76 0.00	45.65 -2.25 0.00	55.17 -2.63 0.00	47.95 -2.31 0.00	43.65 -2.11 0.00	36.97 -1.79 0.00	36.71 -1.77 0.00	36.85 -1.77 0.00	32.83 -1.52 0.00
SITHE___MASSENA 23902	42.72 0.92 0.00	38.72 0.76 0.00	37.10 0.72 0.00	33.44 0.76 0.00	34.52 0.84 0.00	31.16 0.66 0.00	29.77 0.62 0.00	21.33 0.40 0.00	19.09 0.36 0.00	22.91 0.57 0.00	33.61 0.87 0.00	36.33 0.95 0.00	38.13 0.96 0.00	39.01 0.90 0.00	38.29 0.66 0.00	38.31 0.43 0.00	48.37 0.47 0.00	58.31 0.51 0.00	50.66 0.41 0.00	46.17 0.41 0.00	38.99 0.23 0.00	38.71 0.23 0.00	38.92 0.30 0.00	34.61 0.26 0.00
SITHE___OGDNSBRG 24021	43.15 1.35 0.00	39.11 1.14 0.00	37.45 1.08 0.00	33.79 1.11 0.00	34.90 1.22 0.00	31.47 0.98 0.00	30.04 0.89 0.00	21.54 0.61 0.00	19.30 0.57 0.00	23.25 0.91 0.00	34.12 1.39 0.00	36.89 1.50 0.00	38.70 1.53 0.00	39.57 1.46 0.00	38.76 1.13 0.00	38.70 0.82 0.00	48.92 1.02 0.00	59.01 1.20 0.00	51.22 0.97 0.00	46.68 0.92 0.00	39.36 0.61 0.00	39.03 0.55 0.00	39.27 0.64 0.00	34.92 0.57 0.00
SITHE___STERLING 23777	42.31 0.50 0.00	38.52 0.56 0.00	36.91 0.53 0.00	33.18 0.50 0.00	34.25 0.57 0.00	31.09 0.59 0.00	29.73 0.58 0.00	21.37 0.44 0.00	19.12 0.39 0.00	22.84 0.50 0.00	33.42 0.68 0.00	36.13 0.75 0.00	37.95 0.77 0.00	38.91 0.81 0.00	38.36 0.74 0.00	38.70 0.82 0.00	48.92 1.02 0.00	58.90 1.09 0.00	51.16 0.91 0.00	46.53 0.77 0.00	39.36 0.60 0.00	39.02 0.54 0.00	39.06 0.44 0.00	34.69 0.34 0.00
SLEIGHT__34_KV_TB1 80719	39.96 -1.84 0.00	36.32 -1.64 0.00	34.86 -1.52 0.00	31.44 -1.23 0.00	32.26 -1.42 0.00	29.27 -1.23 0.00	27.81 -1.33 0.00	19.88 -1.05 0.00	17.62 -1.11 0.00	21.09 -1.24 0.00	30.80 -1.93 0.00	33.34 -2.05 0.00	35.01 -2.17 0.00	35.91 -2.19 0.00	35.48 -2.14 0.00	35.73 -2.14 0.00	45.13 -2.77 0.00	54.76 -3.05 0.00	47.55 -2.70 0.00	43.27 -2.49 0.00	36.59 -2.17 0.00	36.39 -2.09 0.00	36.47 -2.15 0.00	32.30 -2.05 0.00
SOUTH CAIRO___GT 23612	44.75 2.95 0.00	40.62 2.66 0.00	38.85 2.47 0.00	34.80 2.13 0.00	35.86 2.18 0.00	32.47 1.97 0.00	31.10 1.95 0.00	22.41 1.49 0.00	20.19 1.46 0.00	24.07 1.73 0.00	35.37 2.64 0.00	38.27 2.88 0.00	40.31 3.14 0.00	41.30 3.20 0.00	40.89 3.26 0.00	41.06 3.19 0.00	52.16 4.26 0.00	63.05 5.24 0.00	54.78 4.52 0.00	49.74 3.98 0.00	42.12 3.36 0.00	41.65 3.17 0.00	41.70 3.08 0.00	37.16 2.82 0.00
SOUTH HAMPTN___IC 23720	43.14 1.33 0.00	39.21 1.25 0.00	37.27 0.90 0.00	33.72 1.05 0.00	35.34 1.66 0.00	32.47 1.97 0.00	31.16 2.01 0.00	22.36 1.43 0.00	20.01 1.29 0.00	23.11 0.78 0.00	34.13 1.39 0.00	36.70 1.31 0.00	38.92 1.75 0.00	40.56 2.46 0.00	52.40 3.55 -11.22	54.61 3.72 -13.01	52.72 4.09 -0.73	66.09 5.05 -3.23	54.45 4.19 0.00	51.03 3.77 -1.50	54.04 3.53 -11.75	54.06 3.66 -11.92	42.09 3.47 0.00	37.16 2.81 0.00
SOUTHDOW_115KV_TB1 355954	39.93 -1.88 0.00	36.45 -1.51 0.00	35.23 -1.15 0.00	31.86 -0.82 0.00	32.19 -1.50 0.00	29.11 -1.39 0.00	27.29 -1.87 0.00	19.21 -1.72 0.00	13.06 -1.79 3.88	14.26 -2.02 6.06	22.45 -3.04 7.24	24.56 -3.24 7.59	25.88 -3.51 7.78	28.53 -3.60 5.98	27.38 -3.42 6.82	26.63 -3.35 7.90	34.55 -4.27 9.08	43.39 -4.44 9.98	37.53 -3.70 9.03	33.91 -3.23 8.62	27.94 -2.85 7.97	34.89 -3.23 0.37	33.90 -3.03 1.70	26.25 -2.91 5.19
SOUTHOLD_69_KV_BK 2 55809	42.76 0.95 0.00	38.83 0.86 0.00	36.92 0.54 0.00	33.44 0.76 0.00	35.39 1.70 0.00	32.52 2.03 0.00	31.24 2.10 0.00	22.31 1.38 0.00	19.97 1.25 0.00	22.98 0.65 0.00	33.91 1.18 0.00	36.48 1.09 0.00	38.67 1.49 0.00	40.31 2.21 0.00	52.26 3.42 -11.22	54.53 3.65 -13.01	52.60 3.97 -0.73	66.09 5.05 -3.23	54.30 4.05 0.00	50.88 3.62 -1.50	53.89 3.37 -11.75	53.87 3.48 -11.92	41.85 3.23 0.00	36.93 2.59 0.00
SOUTHOLD___IC 23719	42.75 0.95 0.00	38.82 0.86 0.00	36.92 0.54 0.00	33.44 0.76 0.00	35.39 1.71 0.00	32.52 2.03 0.00	31.24 2.10 0.00	22.31 1.38 0.00	19.96 1.23 0.00	22.98 0.64 0.00	33.91 1.18 0.00	36.47 1.08 0.00	38.64 1.47 0.00	40.30 2.20 0.00	52.25 3.41 -11.22	54.52 3.64 -13.01	52.58 3.95 -0.73	66.07 5.03 -3.23	54.28 4.03 0.00	50.86 3.60 -1.50	53.88 3.36 -11.75	53.87 3.48 -11.92	41.85 3.23 0.00	36.92 2.58 0.00
SOUTH_FORK_WT_PWR 323839	42.08 0.27 0.00	38.20 0.24 0.00	36.34 -0.03 0.00	32.95 0.28 0.00	35.16 1.47 0.00	32.31 1.82 0.00	31.07 1.92 0.00	22.09 1.16 0.00	19.75 1.03 0.00	22.67 0.34 0.00	33.44 0.70 0.00	35.95 0.57 0.00	38.10 0.92 0.00	39.75 1.66 0.00	51.78 2.94 -11.22	54.08 3.19 -13.01	51.92 3.29 -0.73	65.37 4.34 -3.23	53.58 3.32 0.00	50.21 2.95 -1.50	53.34 2.82 -11.75	53.33 2.94 -11.92	41.30 2.68 0.00	36.44 2.10 0.00
SPIERFLS_115KV_TB 1 80737	43.59 1.78 0.00	39.76 1.80 0.00	38.14 1.76 0.00	34.10 1.42 0.00	35.16 1.48 0.00	31.81 1.31 0.00	30.46 1.31 0.00	21.94 1.01 0.00	19.82 1.10 0.00	23.63 1.29 0.00	34.77 2.03 0.00	37.62 2.24 0.00	39.60 2.43 0.00	40.60 2.50 0.00	40.18 2.55 0.00	40.55 2.68 0.00	51.40 3.50 0.00	62.02 4.21 0.00	53.95 3.69 0.00	49.04 3.28 0.00	41.57 2.81 0.00	41.18 2.70 0.00	41.22 2.60 0.00	36.58 2.24 0.00
ST LAWRENCE____ 23600	42.22 0.42 0.00	38.28 0.32 0.00	36.68 0.30 0.00	33.03 0.35 0.00	34.10 0.42 0.00	30.78 0.28 0.00	29.43 0.28 0.00	21.10 0.17 0.00	18.87 0.15 0.00	22.61 0.27 0.00	33.16 0.42 0.00	35.86 0.48 0.00	37.64 0.47 0.00	38.51 0.42 0.00	37.84 0.21 0.00	37.92 0.05 0.00	47.86 -0.04 0.00	57.70 -0.11 0.00	50.14 -0.12 0.00	45.69 -0.07 0.00	38.60 -0.15 0.00	38.33 -0.15 0.00	38.50 -0.12 0.00	34.23 -0.11 0.00
STATE_CA_115KV_115_LB 55624	43.07 1.26 0.00	39.12 1.16 0.00	37.44 1.07 0.00	33.55 0.88 0.00	34.59 0.91 0.00	31.31 0.81 0.00	29.96 0.81 0.00	21.57 0.63 0.00	19.40 0.67 0.00	23.10 0.77 0.00	33.97 1.23 0.00	36.72 1.34 0.00	38.63 1.46 0.00	39.61 1.51 0.00	39.19 1.56 0.00	39.33 1.46 0.00	49.83 1.93 0.00	60.13 2.32 0.00	52.27 2.01 0.00	47.54 1.78 0.00	40.33 1.57 0.00	39.98 1.50 0.00	40.16 1.54 0.00	35.91 1.56 0.00

STATE_ST_34_KV_LOAD 55959	41.16 -0.65 0.00	37.42 -0.55 0.00	35.86 -0.51 0.00	32.22 -0.45 0.00	33.17 -0.52 0.00	30.08 -0.42 0.00	28.69 -0.46 0.00	20.57 -0.36 0.00	18.30 -0.42 0.00	21.86 -0.48 0.00	31.92 -0.82 0.00	34.51 -0.87 0.00	36.26 -0.91 0.00	37.21 -0.88 0.00	36.80 -0.82 0.00	37.11 -0.75 0.00	46.89 -1.01 0.00	56.73 -1.08 0.00	49.34 -0.92 0.00	44.90 -0.86 0.00	38.00 -0.76 0.00	37.75 -0.74 0.00	37.80 -0.83 0.00	33.59 -0.75 0.00
STATION 5_MISC_HYD 23604	39.55 -2.25 0.00	35.91 -2.05 0.00	34.52 -1.86 0.00	31.21 -1.46 0.00	31.96 -1.72 0.00	28.99 -1.51 0.00	27.46 -1.69 0.00	19.57 -1.37 0.00	17.30 -1.43 0.00	20.69 -1.64 0.00	30.23 -2.51 0.00	32.75 -2.63 0.00	34.37 -2.80 0.00	35.23 -2.87 0.00	34.82 -2.81 0.00	35.01 -2.87 0.00	44.15 -3.75 0.00	53.69 -4.12 0.00	46.63 -3.62 0.00	42.46 -3.30 0.00	35.90 -2.86 0.00	35.69 -2.79 0.00	35.85 -2.77 0.00	31.69 -2.65 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.24 -1.57 0.00	36.57 -1.39 0.00	35.12 -1.26 0.00	31.65 -1.02 0.00	32.47 -1.22 0.00	29.46 -1.03 0.00	27.98 -1.16 0.00	19.99 -0.94 0.00	17.72 -1.00 0.00	21.20 -1.14 0.00	30.95 -1.78 0.00	33.52 -1.87 0.00	35.18 -1.99 0.00	36.10 -2.00 0.00	35.68 -1.95 0.00	35.93 -1.95 0.00	45.37 -2.53 0.00	55.08 -2.73 0.00	47.85 -2.41 0.00	43.56 -2.20 0.00	36.82 -1.94 0.00	36.65 -1.83 0.00	36.73 -1.89 0.00	32.50 -1.85 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.45 -2.36 0.00	35.82 -2.14 0.00	34.42 -1.95 0.00	31.11 -1.57 0.00	31.87 -1.81 0.00	28.91 -1.59 0.00	27.40 -1.75 0.00	19.53 -1.40 0.00	17.26 -1.46 0.00	20.65 -1.69 0.00	30.17 -2.56 0.00	32.66 -2.72 0.00	34.27 -2.90 0.00	35.15 -2.95 0.00	34.71 -2.92 0.00	34.89 -2.99 0.00	44.04 -3.87 0.00	53.54 -4.27 0.00	46.48 -3.77 0.00	42.34 -3.42 0.00	35.79 -2.97 0.00	35.65 -2.84 0.00	35.79 -2.83 0.00	31.64 -2.71 0.00
STA_56___34_KV_BUS2 355983	39.45 -2.36 0.00	35.82 -2.14 0.00	34.42 -1.95 0.00	31.11 -1.57 0.00	31.87 -1.81 0.00	28.91 -1.59 0.00	27.40 -1.75 0.00	19.53 -1.40 0.00	17.26 -1.46 0.00	20.65 -1.69 0.00	30.17 -2.56 0.00	32.66 -2.72 0.00	34.27 -2.90 0.00	35.15 -2.95 0.00	34.71 -2.92 0.00	34.89 -2.99 0.00	44.04 -3.87 0.00	53.54 -4.27 0.00	46.48 -3.77 0.00	42.34 -3.42 0.00	35.79 -2.97 0.00	35.65 -2.84 0.00	35.79 -2.83 0.00	31.64 -2.71 0.00
STA_67___115KV_BK2 355882	39.46 -2.35 0.00	35.83 -2.14 0.00	34.45 -1.93 0.00	31.15 -1.52 0.00	31.90 -1.78 0.00	28.93 -1.57 0.00	27.40 -1.75 0.00	19.52 -1.41 0.00	17.23 -1.49 0.00	20.63 -1.71 0.00	30.13 -2.61 0.00	32.60 -2.78 0.00	34.20 -2.97 0.00	35.07 -3.03 0.00	34.64 -2.98 0.00	34.81 -3.06 0.00	43.93 -3.97 0.00	53.43 -4.38 0.00	46.38 -3.87 0.00	42.26 -3.50 0.00	35.73 -3.03 0.00	35.60 -2.88 0.00	35.76 -2.86 0.00	31.60 -2.74 0.00
STA_7___115KV_9TRANS 80674	39.74 -2.06 0.00	36.08 -1.88 0.00	34.69 -1.69 0.00	31.35 -1.33 0.00	32.10 -1.58 0.00	29.12 -1.38 0.00	27.58 -1.57 0.00	19.66 -1.28 0.00	17.36 -1.36 0.00	20.78 -1.56 0.00	30.37 -2.36 0.00	32.88 -2.51 0.00	34.50 -2.68 0.00	35.39 -2.71 0.00	34.96 -2.67 0.00	35.13 -2.74 0.00	44.36 -3.54 0.00	53.97 -3.84 0.00	46.85 -3.41 0.00	42.67 -3.09 0.00	36.06 -2.70 0.00	35.92 -2.57 0.00	36.05 -2.57 0.00	31.86 -2.48 0.00
STA_82___115KV_TB1 80780	39.46 -2.34 0.00	35.84 -2.13 0.00	34.45 -1.93 0.00	31.15 -1.52 0.00	31.90 -1.78 0.00	28.93 -1.56 0.00	27.41 -1.74 0.00	19.53 -1.40 0.00	17.25 -1.49 -0.01	20.63 -1.71 -0.01	30.14 -2.60 0.00	32.62 -2.77 0.00	34.21 -2.97 0.00	35.09 -3.02 0.00	34.66 -2.97 0.00	34.81 -3.06 0.00	43.94 -3.96 0.00	53.44 -4.37 0.00	46.40 -3.86 0.00	42.26 -3.50 0.00	35.74 -3.03 0.00	35.61 -2.88 0.00	35.77 -2.86 0.00	31.62 -2.74 -0.01
STEEL___WIND 323596	38.62 -3.18 0.00	35.12 -2.84 0.00	33.92 -2.46 0.00	30.79 -1.88 0.00	31.33 -2.35 0.00	28.38 -2.12 0.00	26.63 -2.52 0.00	18.81 -2.12 0.00	9.51 -2.21 7.00	8.85 -2.54 10.95	15.80 -3.86 13.08	17.66 -4.03 13.70	18.78 -4.34 14.05	22.84 -4.47 10.79	20.96 -4.35 12.31	19.16 -4.46 14.26	25.63 -5.89 16.38	33.27 -6.52 18.02	28.36 -5.60 16.29	25.17 -5.02 15.56	20.09 -4.28 14.39	33.54 -4.28 0.67	31.43 -4.13 3.06	21.05 -3.91 9.38
STEPHTWN_115KV_BK_2 55603	43.35 1.55 0.00	39.37 1.41 0.00	37.71 1.33 0.00	33.76 1.09 0.00	34.81 1.12 0.00	31.47 0.97 0.00	30.14 0.99 0.00	21.71 0.78 0.00	19.54 0.82 0.00	23.26 0.93 0.00	34.22 1.48 0.00	36.96 1.57 0.00	38.91 1.74 0.00	39.86 1.76 0.00	39.49 1.86 0.00	39.64 1.78 0.00	50.33 2.43 0.00	60.77 2.96 0.00	52.86 2.61 0.00	48.06 2.31 0.00	40.70 1.94 0.00	40.36 1.88 0.00	40.54 1.92 0.00	36.19 1.85 0.00
STEUBEN_REC_LFGE 323667	39.82 -1.99 0.00	36.36 -1.60 0.00	35.09 -1.29 0.00	31.43 -1.25 0.00	32.21 -1.48 0.00	29.10 -1.40 0.00	27.20 -1.95 0.00	19.09 -1.84 0.00	33.16 -2.13 -16.57	45.65 -2.47 -25.79	59.57 -3.89 -30.72	63.48 -4.09 -32.18	65.90 -4.29 -33.02	59.02 -4.44 -25.35	62.41 -4.14 -28.93	67.27 -4.10 -33.50	81.17 -5.23 -38.50	94.07 -6.07 -42.33	83.32 -5.22 -38.29	77.70 -4.64 -36.57	68.62 -3.96 -33.82	36.26 -3.80 -1.58	42.14 -3.73 -7.24	53.14 -3.38 -22.18
STILLWATER___SOLAR 323814	43.54 1.73 0.00	39.57 1.61 0.00	37.93 1.56 0.00	33.96 1.28 0.00	35.01 1.33 0.00	31.68 1.19 0.00	30.33 1.18 0.00	21.84 0.91 0.00	19.66 0.94 0.00	23.44 1.10 0.00	34.45 1.72 0.00	37.25 1.87 0.00	39.20 2.03 0.00	40.18 2.08 0.00	39.76 2.13 0.00	40.12 2.25 0.00	50.86 2.96 0.00	61.38 3.57 0.00	53.36 3.11 0.00	48.51 2.75 0.00	41.14 2.38 0.00	40.77 2.29 0.00	40.88 2.26 0.00	36.31 1.96 0.00
STONY___BROOK 24151	43.69 1.88 0.00	39.72 1.76 0.00	37.77 1.40 0.00	34.02 1.34 0.00	35.24 1.56 0.00	32.21 1.71 0.00	30.91 1.76 0.00	22.27 1.34 0.00	19.95 1.23 0.00	23.31 0.97 0.00	34.53 1.79 0.00	37.16 1.78 0.00	39.45 2.28 0.00	40.90 2.80 0.00	52.37 3.47 -11.26	54.57 3.63 -13.07	52.94 4.31 -0.73	66.25 5.20 -3.24	54.80 4.54 0.00	51.34 4.07 -1.51	54.27 3.71 -11.80	54.18 3.73 -11.97	42.21 3.58 0.00	37.26 2.91 0.00
STURGEON_POOL_HYD 23609	44.01 2.20 0.00	39.96 2.00 0.00	38.14 1.77 0.00	34.14 1.47 0.00	35.17 1.49 0.00	31.89 1.39 0.00	30.55 1.40 0.00	22.04 1.10 0.00	19.80 1.08 0.00	23.50 1.17 0.00	34.67 1.94 0.00	37.54 2.15 0.00	39.52 2.35 0.00	40.66 2.57 0.00	40.50 2.88 0.00	40.96 3.09 0.00	52.02 4.12 0.00	62.86 5.05 0.00	54.71 4.45 0.00	49.75 3.99 0.00	42.21 3.45 0.00	41.82 3.34 0.00	41.91 3.29 0.00	37.04 2.70 0.00
ST_LAW_115_BK7_LBMP 345037	42.27 0.46 0.00	38.32 0.36 0.00	36.72 0.34 0.00	33.06 0.39 0.00	34.13 0.45 0.00	30.82 0.32 0.00	29.46 0.31 0.00	21.12 0.18 0.00	18.89 0.16 0.00	22.64 0.30 0.00	33.21 0.47 0.00	35.90 0.52 0.00	37.69 0.51 0.00	38.55 0.45 0.00	37.87 0.24 0.00	37.92 0.05 0.00	47.87 -0.02 0.00	57.73 -0.08 0.00	50.16 -0.10 0.00	45.71 -0.05 0.00	38.61 -0.15 0.00	38.34 -0.14 0.00	38.53 -0.09 0.00	34.25 -0.09 0.00

ST_LAW_115_BK8_LBMP 345038	42.27 0.46 0.00	38.32 0.36 0.00	36.72 0.34 0.00	33.06 0.39 0.00	34.13 0.45 0.00	30.82 0.32 0.00	29.46 0.31 0.00	21.12 0.18 0.00	18.89 0.16 0.00	22.64 0.30 0.00	33.21 0.47 0.00	35.90 0.52 0.00	37.69 0.51 0.00	38.55 0.45 0.00	37.87 0.24 0.00	37.92 0.05 0.00	47.87 -0.02 0.00	57.73 -0.08 0.00	50.16 -0.10 0.00	45.71 -0.05 0.00	38.61 -0.15 0.00	38.34 -0.14 0.00	38.53 -0.09 0.00	34.25 -0.09 0.00
ST_LAW_230_BK5_LBMP 345035	42.22 0.42 0.00	38.28 0.32 0.00	36.68 0.30 0.00	33.03 0.35 0.00	34.10 0.42 0.00	30.78 0.28 0.00	29.43 0.28 0.00	21.10 0.17 0.00	18.87 0.15 0.00	22.61 0.27 0.00	33.16 0.42 0.00	35.86 0.48 0.00	37.64 0.47 0.00	38.51 0.42 0.00	37.84 0.21 0.00	37.92 0.05 0.00	47.86 -0.04 0.00	57.70 -0.11 0.00	50.14 -0.12 0.00	45.69 -0.07 0.00	38.60 -0.15 0.00	38.33 -0.15 0.00	38.50 -0.12 0.00	34.23 -0.11 0.00
ST_LAW_230_BK6_LBMP 345036	42.22 0.42 0.00	38.28 0.32 0.00	36.68 0.30 0.00	33.03 0.35 0.00	34.10 0.42 0.00	30.78 0.28 0.00	29.43 0.28 0.00	21.10 0.17 0.00	18.87 0.15 0.00	22.61 0.27 0.00	33.16 0.42 0.00	35.86 0.48 0.00	37.64 0.47 0.00	38.51 0.42 0.00	37.84 0.21 0.00	37.92 0.05 0.00	47.86 -0.04 0.00	57.70 -0.11 0.00	50.14 -0.12 0.00	45.69 -0.07 0.00	38.60 -0.15 0.00	38.33 -0.15 0.00	38.50 -0.12 0.00	34.23 -0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.74 0.93 0.00	38.86 0.90 0.00	37.14 0.76 0.00	33.26 0.59 0.00	34.26 0.58 0.00	31.05 0.55 0.00	29.72 0.57 0.00	21.42 0.49 0.00	19.21 0.49 0.00	22.83 0.50 0.00	33.61 0.87 0.00	36.36 0.97 0.00	38.25 1.08 0.00	39.38 1.28 0.00	39.17 1.55 0.00	39.65 1.78 0.00	50.26 2.36 0.00	60.66 2.85 0.00	52.81 2.55 0.00	48.05 2.29 0.00	40.80 2.04 0.00	40.46 1.98 0.00	40.59 1.97 0.00	35.95 1.60 0.00
SWANROAD_115KV_TB1 355699	37.24 -4.56 0.00	33.83 -4.13 0.00	32.69 -3.68 0.00	29.76 -2.91 0.00	30.28 -3.40 0.00	27.49 -3.01 0.00	25.74 -3.40 0.00	18.19 -2.74 0.00	10.88 -2.72 5.12	11.07 -3.10 8.17	18.18 -4.69 9.87	20.05 -5.00 10.34	21.18 -5.39 10.60	24.38 -5.58 8.14	22.80 -5.54 9.29	21.37 -5.75 10.75	27.94 -7.60 12.36	35.70 -8.50 13.61	30.50 -7.47 12.29	27.34 -6.68 11.74	22.24 -5.69 10.82	32.43 -5.57 0.49	31.11 -5.27 2.25	22.59 -4.90 6.86
SYNERGY___BIOGAS 323694	39.33 -2.47 0.00	35.69 -2.27 0.00	34.38 -2.00 0.00	31.19 -1.49 0.00	31.82 -1.86 0.00	28.89 -1.61 0.00	27.21 -1.94 0.00	19.32 -1.61 0.00	13.67 -1.64 3.40	15.12 -1.84 5.37	23.46 -2.82 6.45	25.70 -2.93 6.76	27.12 -3.12 6.93	29.50 -3.28 5.32	28.36 -3.20 6.07	27.54 -3.30 7.03	35.49 -4.33 8.08	44.38 -4.54 8.90	38.24 -3.98 8.04	34.45 -3.63 7.68	28.52 -3.15 7.09	34.91 -3.25 0.32	34.03 -3.10 1.49	26.78 -3.01 4.56
SYRACUSE___ENERGY_ST1 323597	41.07 -0.74 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.12 -0.55 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.64 -0.51 0.00	20.54 -0.39 0.00	18.30 -0.43 0.00	21.85 -0.49 0.00	31.91 -0.83 0.00	34.50 -0.88 0.00	36.25 -0.92 0.00	37.19 -0.90 0.00	36.76 -0.87 0.00	37.06 -0.81 0.00	46.85 -1.05 0.00	56.64 -1.17 0.00	49.24 -1.01 0.00	44.80 -0.96 0.00	37.93 -0.83 0.00	37.66 -0.82 0.00	37.74 -0.88 0.00	33.57 -0.78 0.00
SYRACUSE___ENERGY_ST2 323598	41.07 -0.74 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.12 -0.55 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.64 -0.51 0.00	20.54 -0.39 0.00	18.30 -0.43 0.00	21.85 -0.49 0.00	31.91 -0.83 0.00	34.50 -0.88 0.00	36.25 -0.92 0.00	37.19 -0.90 0.00	36.76 -0.87 0.00	37.06 -0.81 0.00	46.85 -1.05 0.00	56.64 -1.17 0.00	49.24 -1.01 0.00	44.80 -0.96 0.00	37.93 -0.83 0.00	37.66 -0.82 0.00	37.74 -0.88 0.00	33.57 -0.78 0.00
SYRACUSE___POWER 24017	41.07 -0.73 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.13 -0.54 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.65 -0.50 0.00	20.54 -0.39 0.00	18.31 -0.42 0.00	21.85 -0.49 0.00	31.92 -0.82 0.00	34.52 -0.87 0.00	36.27 -0.90 0.00	37.22 -0.88 0.00	36.79 -0.83 0.00	37.09 -0.78 0.00	46.89 -1.01 0.00	56.67 -1.14 0.00	49.28 -0.97 0.00	44.83 -0.93 0.00	37.96 -0.80 0.00	37.68 -0.80 0.00	37.75 -0.87 0.00	33.58 -0.76 0.00
TALLMAN___138KV_BK151 55660	42.87 1.07 0.00	38.99 1.03 0.00	37.25 0.87 0.00	33.35 0.68 0.00	34.35 0.67 0.00	31.13 0.63 0.00	29.79 0.64 0.00	21.49 0.55 0.00	19.27 0.55 0.00	22.89 0.55 0.00	33.74 1.00 0.00	36.48 1.09 0.00	38.39 1.22 0.00	39.53 1.43 0.00	39.36 1.73 0.00	39.85 1.98 0.00	50.54 2.64 0.00	60.98 3.17 0.00	53.10 2.85 0.00	48.32 2.56 0.00	41.04 2.28 0.00	40.71 2.23 0.00	40.84 2.22 0.00	36.16 1.81 0.00
TEALLAVE_115KV_TB7 355573	40.86 -0.95 0.00	37.13 -0.83 0.00	35.58 -0.80 0.00	31.98 -0.70 0.00	32.92 -0.77 0.00	29.86 -0.64 0.00	28.50 -0.65 0.00	20.43 -0.50 0.00	18.20 -0.52 0.00	21.73 -0.61 0.00	31.72 -1.01 0.00	34.30 -1.09 0.00	36.04 -1.14 0.00	36.98 -1.12 0.00	36.54 -1.08 0.00	36.84 -1.03 0.00	46.56 -1.34 0.00	56.30 -1.51 0.00	48.94 -1.32 0.00	44.53 -1.23 0.00	37.70 -1.06 0.00	37.44 -1.05 0.00	37.53 -1.09 0.00	33.38 -0.96 0.00
TELGRAPH_34_KV_EAST 80808	38.40 -3.41 0.00	34.88 -3.09 0.00	33.65 -2.73 0.00	30.58 -2.10 0.00	31.15 -2.54 0.00	28.27 -2.23 0.00	26.55 -2.60 0.00	18.81 -2.13 0.00	12.28 -2.17 4.26	13.15 -2.46 6.73	20.91 -3.74 8.08	22.94 -3.97 8.47	24.21 -4.28 8.69	27.02 -4.41 6.67	25.65 -4.37 7.61	24.52 -4.53 8.82	31.79 -5.97 10.13	40.10 -6.56 11.15	34.38 -5.80 10.07	30.95 -5.18 9.62	25.42 -4.46 8.88	33.74 -4.34 0.41	32.61 -4.14 1.87	24.69 -3.94 5.71
TEMPLE___115KV_TB 2 55572	40.86 -0.94 0.00	37.14 -0.82 0.00	35.59 -0.78 0.00	31.99 -0.69 0.00	32.93 -0.75 0.00	29.87 -0.63 0.00	28.50 -0.65 0.00	20.44 -0.49 0.00	18.21 -0.52 0.00	21.73 -0.61 0.00	31.73 -1.01 0.00	34.32 -1.07 0.00	36.05 -1.12 0.00	36.99 -1.11 0.00	36.56 -1.06 0.00	36.86 -1.01 0.00	46.59 -1.31 0.00	56.31 -1.50 0.00	48.95 -1.30 0.00	44.55 -1.21 0.00	37.73 -1.04 0.00	37.45 -1.03 0.00	37.55 -1.07 0.00	33.39 -0.95 0.00
TIANA____69_KV_BK 1 55817	43.26 1.46 0.00	39.33 1.36 0.00	37.37 1.00 0.00	33.80 1.13 0.00	35.34 1.65 0.00	32.46 1.96 0.00	31.14 1.99 0.00	22.39 1.46 0.00	20.04 1.32 0.00	23.16 0.82 0.00	34.21 1.47 0.00	36.79 1.41 0.00	39.03 1.86 0.00	40.65 2.56 0.00	52.46 3.61 -11.22	54.68 3.80 -13.01	52.82 4.20 -0.73	66.17 5.14 -3.23	54.56 4.30 0.00	51.12 3.86 -1.50	54.13 3.61 -11.75	54.13 3.74 -11.92	42.17 3.55 0.00	37.24 2.90 0.00
TILDEN___115KV_TB1 80814	41.07 -0.73 0.00	37.32 -0.64 0.00	35.76 -0.62 0.00	32.13 -0.54 0.00	33.08 -0.60 0.00	30.00 -0.50 0.00	28.65 -0.50 0.00	20.54 -0.39 0.00	18.31 -0.42 0.00	21.85 -0.49 0.00	31.92 -0.82 0.00	34.52 -0.87 0.00	36.27 -0.90 0.00	37.22 -0.88 0.00	36.79 -0.83 0.00	37.09 -0.78 0.00	46.89 -1.01 0.00	56.67 -1.14 0.00	49.28 -0.97 0.00	44.83 -0.93 0.00	37.96 -0.80 0.00	37.68 -0.80 0.00	37.75 -0.87 0.00	33.58 -0.76 0.00

TRIGEN___CC 323695	43.55 1.74 0.00	39.62 1.66 0.00	37.77 1.39 0.00	33.89 1.22 0.00	34.96 1.28 0.00	31.80 1.31 0.00	30.48 1.33 0.00	21.97 1.04 0.00	19.70 0.98 0.00	23.21 0.88 0.00	34.42 1.68 0.00	37.12 1.73 0.00	39.27 2.10 0.00	40.48 2.38 0.00	60.22 2.77 -19.82	63.73 2.85 -23.00	52.76 3.57 -1.29	67.73 4.23 -5.70	54.05 3.79 -0.01	51.82 3.41 -2.66	62.58 3.05 -20.77	62.58 3.04 -21.06	41.63 3.01 0.00	36.84 2.50 0.00
TRINITY___115KV___4 BK 55933	42.95 1.14 0.00	39.01 1.05 0.00	37.34 0.97 0.00	33.46 0.78 0.00	34.49 0.81 0.00	31.22 0.72 0.00	29.86 0.72 0.00	21.50 0.57 0.00	19.34 0.62 0.00	23.04 0.70 0.00	33.87 1.13 0.00	36.61 1.23 0.00	38.50 1.33 0.00	39.47 1.37 0.00	39.06 1.43 0.00	39.19 1.32 0.00	49.65 1.76 0.00	59.92 2.11 0.00	52.09 1.83 0.00	47.37 1.61 0.00	40.19 1.43 0.00	39.87 1.39 0.00	40.04 1.42 0.00	35.81 1.46 0.00
UNION___PROCESSING_DRP 323587	39.48 -2.33 0.00	35.85 -2.11 0.00	34.46 -1.92 0.00	31.16 -1.51 0.00	31.90 -1.78 0.00	28.94 -1.56 0.00	27.42 -1.73 0.00	19.53 -1.40 0.00	17.26 -1.48 -0.01	20.64 -1.71 -0.01	30.15 -2.59 0.00	32.62 -2.77 0.00	34.22 -2.95 0.00	35.10 -3.00 0.00	34.67 -2.96 0.00	34.83 -3.05 0.00	43.95 -3.95 0.00	53.45 -4.36 0.00	46.41 -3.85 0.00	42.28 -3.48 0.00	35.74 -3.02 0.00	35.62 -2.87 0.00	35.77 -2.85 0.00	31.63 -2.73 -0.01
UPPER HUDSON___HYD 24058	43.59 1.78 0.00	39.76 1.80 0.00	38.13 1.76 0.00	34.09 1.42 0.00	35.16 1.48 0.00	31.81 1.31 0.00	30.46 1.31 0.00	21.94 1.01 0.00	19.82 1.09 0.00	23.63 1.29 0.00	34.77 2.03 0.00	37.63 2.24 0.00	39.60 2.43 0.00	40.60 2.50 0.00	40.17 2.55 0.00	40.55 2.68 0.00	51.40 3.50 0.00	62.02 4.21 0.00	53.95 3.69 0.00	49.04 3.28 0.00	41.57 2.81 0.00	41.18 2.70 0.00	41.23 2.61 0.00	36.58 2.24 0.00
UPPER RAQUET___HYD 24056	42.01 0.20 0.00	38.03 0.06 0.00	36.40 0.03 0.00	32.87 0.20 0.00	34.01 0.33 0.00	30.61 0.11 0.00	29.16 0.01 0.00	20.91 -0.02 0.00	18.75 0.02 0.00	22.69 0.35 0.00	33.30 0.57 0.00	35.99 0.61 0.00	37.75 0.58 0.00	38.57 0.48 0.00	37.69 0.07 0.00	37.41 -0.46 0.00	47.25 -0.65 0.00	56.96 -0.85 0.00	49.45 -0.81 0.00	45.03 -0.73 0.00	37.97 -0.79 0.00	37.65 -0.83 0.00	37.98 -0.64 0.00	33.86 -0.48 0.00
VALLEY44_115KV_TB2 355964	39.67 -2.14 0.00	36.07 -1.90 0.00	34.76 -1.62 0.00	31.30 -1.38 0.00	32.04 -1.64 0.00	28.94 -1.56 0.00	27.38 -1.77 0.00	19.51 -1.43 0.00	14.69 -1.40 2.64	16.62 -1.59 4.13	25.40 -2.39 4.94	27.52 -2.69 5.18	28.87 -2.99 5.31	30.87 -3.15 4.08	30.11 -2.86 4.65	29.55 -2.94 5.39	37.86 -3.85 6.19	46.49 -4.51 6.81	40.22 -3.88 6.16	36.46 -3.42 5.88	30.40 -2.92 5.44	35.30 -2.93 0.25	34.88 -2.59 1.15	28.39 -2.43 3.53
VALLEY___115KV_TB 1-4 80826	41.42 -0.38 0.00	37.69 -0.27 0.00	36.49 0.11 0.00	32.66 -0.01 0.00	33.63 -0.05 0.00	30.50 0.00 0.00	29.17 0.02 0.00	20.99 0.06 0.00	18.93 0.21 0.00	22.57 0.24 0.00	33.15 0.42 0.00	35.80 0.41 0.00	37.48 0.31 0.00	38.24 0.14 0.00	37.77 0.15 0.00	38.09 0.22 0.00	48.32 0.43 0.00	58.37 0.56 0.00	50.71 0.46 0.00	46.12 0.36 0.00	39.11 0.35 0.00	38.76 0.28 0.00	38.84 0.22 0.00	34.51 0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.54 1.74 0.00	39.53 1.57 0.00	37.85 1.48 0.00	33.94 1.26 0.00	34.95 1.27 0.00	31.67 1.18 0.00	30.29 1.14 0.00	21.78 0.85 0.00	19.52 0.80 0.00	23.30 0.96 0.00	34.19 1.46 0.00	36.98 1.59 0.00	38.84 1.66 0.00	39.85 1.75 0.00	39.54 1.92 0.00	39.91 2.04 0.00	50.59 2.68 0.00	61.05 3.24 0.00	53.08 2.83 0.00	48.33 2.57 0.00	40.92 2.16 0.00	40.52 2.04 0.00	40.59 1.97 0.00	36.01 1.67 0.00
VISCHER___FERRY HYD 24020	43.14 1.33 0.00	39.18 1.21 0.00	37.52 1.15 0.00	33.59 0.92 0.00	34.64 0.96 0.00	31.34 0.84 0.00	30.00 0.85 0.00	21.61 0.67 0.00	19.46 0.73 0.00	23.18 0.84 0.00	34.06 1.33 0.00	36.83 1.44 0.00	38.74 1.57 0.00	39.70 1.60 0.00	39.29 1.67 0.00	39.62 1.75 0.00	50.20 2.30 0.00	60.57 2.76 0.00	52.67 2.41 0.00	47.89 2.13 0.00	40.64 1.88 0.00	40.30 1.82 0.00	40.44 1.82 0.00	35.98 1.64 0.00
V_A_10_SYNC_DSASP 323832	38.21 -3.59 0.00	34.72 -3.24 0.00	33.47 -2.91 0.00	30.35 -2.32 0.00	30.99 -2.69 0.00	28.10 -2.40 0.00	26.48 -2.67 0.00	18.79 -2.14 0.00	13.18 -2.19 3.35	14.59 -2.55 5.20	22.67 -3.89 6.18	24.80 -4.12 6.47	26.11 -4.42 6.64	28.44 -4.57 5.10	27.34 -4.47 5.82	26.53 -4.60 6.74	34.10 -6.06 7.75	42.44 -6.86 8.51	36.56 -5.99 7.70	32.99 -5.41 7.36	27.35 -4.61 6.80	33.70 -4.47 0.32	32.82 -4.33 1.47	25.78 -4.08 4.49
V_CMM_10_SYNC_DSASP 323787	42.47 0.67 0.00	38.51 0.55 0.00	36.90 0.52 0.00	33.23 0.55 0.00	34.30 0.62 0.00	30.98 0.48 0.00	29.60 0.46 0.00	21.22 0.29 0.00	18.98 0.26 0.00	22.75 0.41 0.00	33.37 0.63 0.00	36.08 0.69 0.00	37.87 0.70 0.00	38.74 0.65 0.00	38.06 0.43 0.00	38.12 0.25 0.00	48.12 0.22 0.00	58.03 0.22 0.00	50.41 0.16 0.00	45.94 0.18 0.00	38.81 0.05 0.00	38.54 0.06 0.00	38.73 0.11 0.00	34.43 0.09 0.00
V_CMP_10_SYNC_DSASP 323788	42.90 1.09 0.00	38.67 0.71 0.00	36.87 0.50 0.00	33.23 0.56 0.00	34.44 0.75 0.00	30.79 0.29 0.00	29.66 0.51 0.00	21.31 0.38 0.00	19.20 0.48 0.00	22.99 0.66 0.00	33.83 1.10 0.00	36.58 1.19 0.00	38.45 1.28 0.00	39.43 1.33 0.00	38.59 0.96 0.00	38.38 0.50 0.00	48.07 0.17 0.00	57.91 0.10 0.00	50.20 -0.05 0.00	45.66 -0.10 0.00	38.28 -0.48 0.00	20.98 -0.72 16.79	22.06 -0.72 15.84	13.39 -0.55 20.39
V_D_10_SYNC_DSASP 323841	42.72 0.91 0.00	38.72 0.76 0.00	37.10 0.72 0.00	33.43 0.75 0.00	34.51 0.83 0.00	31.16 0.66 0.00	29.77 0.62 0.00	21.33 0.40 0.00	19.09 0.36 0.00	22.91 0.56 0.00	33.60 0.87 0.00	36.33 0.94 0.00	38.13 0.95 0.00	39.00 0.90 0.00	38.28 0.66 0.00	38.31 0.43 0.00	48.37 0.47 0.00	58.31 0.51 0.00	50.66 0.40 0.00	46.17 0.41 0.00	38.98 0.23 0.00	38.71 0.23 0.00	38.92 0.30 0.00	34.61 0.26 0.00
V_E_10_SYNC_DSASP 323830	44.24 2.43 0.00	40.34 2.38 0.00	38.71 2.33 0.00	34.63 1.95 0.00	35.74 2.06 0.00	32.51 2.01 0.00	30.90 1.75 0.00	22.08 1.15 0.00	19.73 1.00 0.00	23.52 1.18 0.00	34.11 1.38 0.00	36.28 0.89 0.00	37.81 0.64 0.00	38.82 0.72 0.00	38.48 0.85 0.00	38.67 0.79 0.00	49.01 1.11 0.00	59.43 1.62 0.00	51.58 1.33 0.00	46.90 1.14 0.00	39.62 0.86 0.00	39.19 0.71 0.00	39.04 0.42 0.00	34.57 0.23 0.00
V_F_30_NSYNC___DSASP 323816	43.59 1.78 0.00	39.61 1.65 0.00	37.98 1.61 0.00	34.00 1.33 0.00	35.06 1.38 0.00	31.73 1.23 0.00	30.37 1.22 0.00	21.86 0.94 0.00	19.68 0.96 0.00	23.46 1.12 0.00	34.49 1.75 0.00	37.29 1.90 0.00	39.24 2.07 0.00	40.23 2.13 0.00	39.80 2.18 0.00	40.16 2.29 0.00	50.91 3.01 0.00	61.46 3.65 0.00	53.42 3.16 0.00	48.56 2.80 0.00	41.17 2.42 0.00	40.81 2.33 0.00	40.91 2.29 0.00	36.33 1.99 0.00

V_F_30_SYNC_DSASP 323786	43.07 1.26 0.00	39.12 1.16 0.00	37.44 1.07 0.00	33.55 0.88 0.00	34.59 0.91 0.00	31.31 0.81 0.00	29.95 0.81 0.00	21.56 0.63 0.00	19.39 0.67 0.00	23.10 0.77 0.00	33.97 1.23 0.00	36.72 1.34 0.00	38.63 1.46 0.00	39.61 1.51 0.00	39.18 1.56 0.00	39.33 1.46 0.00	49.82 1.92 0.00	60.12 2.31 0.00	52.27 2.01 0.00	47.53 1.77 0.00	40.32 1.56 0.00	39.98 1.50 0.00	40.16 1.54 0.00	35.90 1.56 0.00
V_XM_10_SYNC_DSASP 323789	42.90 1.09 0.00	38.67 0.71 0.00	36.87 0.50 0.00	33.23 0.56 0.00	34.44 0.75 0.00	30.79 0.29 0.00	29.66 0.51 0.00	21.31 0.38 0.00	19.20 0.48 0.00	22.99 0.66 0.00	33.83 1.10 0.00	36.58 1.19 0.00	38.45 1.28 0.00	39.43 1.33 0.00	38.59 0.96 0.00	38.38 0.50 0.00	48.07 0.17 0.00	57.91 0.10 0.00	50.20 -0.05 0.00	45.66 -0.10 0.00	38.28 -0.48 0.00	20.98 -0.72 16.79	22.06 -0.72 15.84	13.39 -0.55 20.39
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.02 1.22 0.00	39.13 1.17 0.00	37.38 1.01 0.00	33.47 0.80 0.00	34.47 0.79 0.00	31.25 0.75 0.00	29.92 0.77 0.00	21.57 0.64 0.00	19.35 0.63 0.00	22.98 0.64 0.00	33.87 1.14 0.00	36.62 1.24 0.00	38.54 1.37 0.00	39.68 1.58 0.00	39.51 1.88 0.00	39.99 2.12 0.00	50.71 2.81 0.00	61.19 3.38 0.00	53.29 3.04 0.00	48.48 2.72 0.00	41.19 2.43 0.00	40.84 2.36 0.00	40.98 2.35 0.00	36.26 1.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.38 1.57 0.00	39.45 1.49 0.00	37.68 1.30 0.00	33.73 1.06 0.00	34.76 1.07 0.00	31.52 1.02 0.00	30.22 1.07 0.00	21.79 0.86 0.00	19.57 0.84 0.00	23.19 0.85 0.00	34.25 1.51 0.00	37.01 1.62 0.00	38.91 1.74 0.00	40.02 1.92 0.00	39.87 2.24 0.00	40.18 2.31 0.00	50.92 3.02 0.00	61.38 3.58 0.00	53.49 3.23 0.00	48.66 2.90 0.00	41.34 2.58 0.00	41.01 2.53 0.00	41.23 2.61 0.00	36.55 2.20 0.00
W50THST__13_KV_LOAD 356117	43.51 1.70 0.00	39.57 1.61 0.00	37.79 1.41 0.00	33.84 1.17 0.00	34.86 1.17 0.00	31.62 1.12 0.00	30.32 1.17 0.00	21.87 0.94 0.00	19.64 0.92 0.00	23.27 0.93 0.00	34.38 1.64 0.00	37.12 1.73 0.00	39.03 1.85 0.00	40.14 2.05 0.00	39.99 2.36 0.00	40.31 2.43 0.00	51.08 3.18 0.00	61.57 3.76 0.00	53.64 3.39 0.00	48.80 3.04 0.00	41.45 2.69 0.00	41.13 2.65 0.00	41.37 2.75 0.00	36.66 2.32 0.00
WADING RIVER_IC_1 23522	43.07 1.26 0.00	39.16 1.20 0.00	37.22 0.84 0.00	33.70 1.03 0.00	35.19 1.51 0.00	32.40 1.90 0.00	31.08 1.93 0.00	22.36 1.43 0.00	20.01 1.28 0.00	23.07 0.73 0.00	34.04 1.31 0.00	36.60 1.22 0.00	38.86 1.69 0.00	40.51 2.41 0.00	52.42 3.58 -11.21	54.58 3.70 -13.01	52.61 3.98 -0.73	65.84 4.80 -3.23	54.25 4.00 0.00	50.85 3.59 -1.50	53.95 3.44 -11.75	54.04 3.64 -11.91	42.09 3.46 0.00	37.15 2.80 0.00
WADING RIVER_IC_2 23547	43.07 1.26 0.00	39.16 1.20 0.00	37.22 0.84 0.00	33.70 1.03 0.00	35.19 1.51 0.00	32.40 1.90 0.00	31.08 1.93 0.00	22.36 1.43 0.00	20.01 1.28 0.00	23.07 0.73 0.00	34.04 1.31 0.00	36.60 1.22 0.00	38.86 1.69 0.00	40.51 2.41 0.00	52.42 3.58 -11.21	54.58 3.70 -13.01	52.61 3.98 -0.73	65.84 4.80 -3.23	54.25 4.00 0.00	50.85 3.59 -1.50	53.95 3.44 -11.75	54.04 3.64 -11.91	42.09 3.46 0.00	37.15 2.80 0.00
WADING RIVER_IC_3 23601	43.07 1.26 0.00	39.16 1.20 0.00	37.22 0.84 0.00	33.70 1.03 0.00	35.19 1.51 0.00	32.40 1.90 0.00	31.08 1.93 0.00	22.36 1.43 0.00	20.01 1.28 0.00	23.07 0.73 0.00	34.04 1.31 0.00	36.60 1.22 0.00	38.86 1.69 0.00	40.51 2.41 0.00	52.42 3.58 -11.21	54.58 3.70 -13.01	52.61 3.98 -0.73	65.84 4.80 -3.23	54.25 4.00 0.00	50.85 3.59 -1.50	53.95 3.44 -11.75	54.04 3.64 -11.91	42.09 3.46 0.00	37.15 2.80 0.00
WALDENNY_12_KV_BK2 80841	38.58 -3.22 0.00	35.07 -2.89 0.00	33.88 -2.50 0.00	30.76 -1.92 0.00	31.30 -2.38 0.00	28.37 -2.13 0.00	26.62 -2.53 0.00	18.81 -2.12 0.00	9.69 -2.23 6.79	9.15 -2.55 10.64	16.17 -3.85 12.71	17.98 -4.08 13.32	19.11 -4.40 13.67	23.12 -4.49 10.49	21.23 -4.42 11.97	19.44 -4.57 13.86	25.95 -6.02 15.93	33.65 -6.63 17.52	28.64 -5.77 15.84	25.50 -5.12 15.13	20.38 -4.40 13.99	33.57 -4.26 0.65	31.54 -4.11 2.97	21.33 -3.91 9.10
WALDEN__HYDRO 24148	43.15 1.34 0.00	39.22 1.26 0.00	37.48 1.10 0.00	33.56 0.88 0.00	34.56 0.88 0.00	31.33 0.83 0.00	29.99 0.84 0.00	21.63 0.69 0.00	19.41 0.68 0.00	23.06 0.72 0.00	33.95 1.21 0.00	36.72 1.34 0.00	38.67 1.49 0.00	39.79 1.69 0.00	39.60 1.97 0.00	40.05 2.17 0.00	50.79 2.89 0.00	61.33 3.53 0.00	53.39 3.13 0.00	48.57 2.81 0.00	41.23 2.47 0.00	40.89 2.40 0.00	40.99 2.37 0.00	36.29 1.94 0.00
WARRENSBURG____ 23737	43.59 1.78 0.00	39.76 1.80 0.00	38.13 1.76 0.00	34.09 1.42 0.00	35.16 1.48 0.00	31.81 1.31 0.00	30.46 1.31 0.00	21.94 1.01 0.00	19.82 1.09 0.00	23.63 1.29 0.00	34.77 2.03 0.00	37.63 2.24 0.00	39.60 2.43 0.00	40.60 2.50 0.00	40.17 2.55 0.00	40.55 2.68 0.00	51.40 3.50 0.00	62.02 4.21 0.00	53.95 3.69 0.00	49.04 3.28 0.00	41.57 2.81 0.00	41.18 2.70 0.00	41.23 2.61 0.00	36.58 2.24 0.00
WATERSIDE____6 8 9 23538	39.77 1.67 3.71	36.75 1.59 2.80	34.67 1.38 3.08	30.04 1.15 3.78	31.26 1.14 3.56	27.40 1.10 4.19	25.83 1.15 4.47	15.58 0.92 6.27	12.88 0.90 6.74	17.23 0.90 6.01	30.60 1.61 3.75	7.38 1.73 29.73	35.38 1.79 3.58	36.38 2.00 3.71	36.19 2.31 3.75	36.52 2.40 3.75	49.48 3.10 1.52	61.41 3.68 0.08	52.50 3.34 1.10	45.73 3.01 3.04	37.79 2.68 3.65	37.43 2.65 3.70	37.86 2.77 3.53	32.26 2.35 4.43
WATKINRD_115KV_LN8_ILLION 55919	41.74 -0.06 0.00	37.94 -0.01 0.00	36.46 0.08 0.00	32.67 -0.01 0.00	33.66 -0.02 0.00	30.51 0.01 0.00	29.18 0.03 0.00	20.99 0.06 0.00	18.87 0.15 0.00	22.48 0.14 0.00	33.01 0.27 0.00	35.67 0.29 0.00	37.48 0.31 0.00	38.35 0.25 0.00	37.93 0.30 0.00	38.24 0.36 0.00	48.47 0.57 0.00	58.53 0.72 0.00	50.89 0.63 0.00	46.30 0.53 0.00	39.24 0.48 0.00	38.92 0.44 0.00	39.01 0.39 0.00	34.68 0.33 0.00
WATSON__69_KV_BK 1 55734	44.16 2.36 0.00	40.16 2.20 0.00	38.20 1.82 0.00	34.36 1.68 0.00	35.54 1.86 0.00	32.43 1.93 0.00	31.09 1.94 0.00	22.42 1.48 0.00	20.08 1.36 0.00	23.52 1.18 0.00	34.86 2.13 0.00	37.52 2.13 0.00	39.87 2.70 0.00	41.25 3.16 0.00	52.98 3.77 -11.58	55.21 3.91 -13.44	53.41 4.76 -0.75	66.93 5.78 -3.33	55.33 5.07 0.00	51.89 4.58 -1.55	54.99 4.10 -12.14	54.86 4.07 -12.31	42.56 3.93 0.00	37.59 3.25 0.00
WDELAWARE__HYD 323627	42.94 1.14 0.00	38.95 0.99 0.00	37.19 0.81 0.00	33.30 0.63 0.00	34.29 0.61 0.00	31.10 0.60 0.00	29.79 0.64 0.00	21.49 0.56 0.00	19.28 0.56 0.00	22.91 0.57 0.00	33.72 0.99 0.00	36.50 1.11 0.00	38.42 1.25 0.00	39.53 1.42 0.00	39.34 1.71 0.00	39.82 1.95 0.00	50.54 2.65 0.00	61.08 3.28 0.00	53.16 2.90 0.00	48.37 2.61 0.00	41.03 2.27 0.00	40.65 2.17 0.00	40.74 2.12 0.00	36.00 1.66 0.00

WEST BABYLON___IC 23714	44.11 2.30 0.00	40.12 2.16 0.00	38.16 1.78 0.00	34.30 1.62 0.00	35.44 1.76 0.00	32.31 1.81 0.00	30.97 1.82 0.00	22.33 1.40 0.00	20.01 1.29 0.00	23.46 1.12 0.00	34.80 2.07 0.00	37.47 2.08 0.00	39.81 2.64 0.00	41.15 3.05 0.00	53.60 3.60 -12.38	55.94 3.71 -14.36	53.28 4.58 -0.81	66.92 5.55 -3.56	55.16 4.90 0.00	51.84 4.42 -1.66	55.67 3.94 -12.97	55.55 3.92 -13.15	42.42 3.80 0.00	37.49 3.14 0.00
WEST CANADA___HYD 24049	41.80 0.00 0.00	37.96 0.00 0.00	36.38 0.00 0.00	32.67 0.00 0.00	33.68 0.00 0.00	30.50 0.00 0.00	29.16 0.01 0.00	20.95 0.02 0.00	18.76 0.04 0.00	22.36 0.02 0.00	32.80 0.06 0.00	35.43 0.05 0.00	37.21 0.04 0.00	38.14 0.04 0.00	37.67 0.04 0.00	37.95 0.08 0.00	48.01 0.11 0.00	57.93 0.12 0.00	50.36 0.10 0.00	45.85 0.09 0.00	38.84 0.08 0.00	38.60 0.12 0.00	38.74 0.12 0.00	34.45 0.10 0.00
WESTERN_NY_WIND 24143	39.25 -2.56 0.00	35.62 -2.34 0.00	34.32 -2.06 0.00	31.13 -1.54 0.00	31.77 -1.91 0.00	28.84 -1.66 0.00	27.16 -1.99 0.00	19.28 -1.65 0.00	13.33 -1.72 3.67	14.60 -1.94 5.80	22.82 -2.95 6.97	24.97 -3.12 7.30	26.35 -3.34 7.48	28.90 -3.46 5.74	27.64 -3.43 6.56	26.69 -3.60 7.59	34.50 -4.67 8.73	43.29 -4.91 9.60	37.21 -4.36 8.68	33.55 -3.92 8.29	27.69 -3.43 7.65	34.80 -3.34 0.35	33.81 -3.20 1.61	26.30 -3.13 4.92
WESTOVER___LESR 323668	41.09 -0.71 0.00	37.36 -0.60 0.00	35.83 -0.54 0.00	32.11 -0.56 0.00	33.05 -0.63 0.00	29.97 -0.53 0.00	28.57 -0.58 0.00	20.52 -0.41 0.00	18.31 -0.41 0.00	21.84 -0.49 0.00	31.90 -0.83 0.00	34.54 -0.85 0.00	36.25 -0.93 0.00	37.22 -0.88 0.00	36.91 -0.72 0.00	37.20 -0.67 0.00	46.95 -0.95 0.00	56.66 -1.14 0.00	49.37 -0.88 0.00	44.97 -0.79 0.00	38.06 -0.70 0.00	37.83 -0.65 0.00	37.91 -0.71 0.00	33.70 -0.64 0.00
WETHRSFD_WT_PWR 323626	38.53 -3.28 0.00	35.19 -2.77 0.00	34.01 -2.37 0.00	30.71 -1.96 0.00	31.33 -2.36 0.00	28.34 -2.16 0.00	26.50 -2.64 0.00	18.68 -2.25 0.00	-7.50 -2.32 23.91	-17.59 -2.70 37.23	-15.80 -4.16 44.38	-15.45 -4.35 46.49	-15.18 -4.66 47.70	-3.37 -4.85 36.61	-8.76 -4.61 41.78	-15.09 -4.58 48.39	-13.78 -6.07 55.61	-10.30 -6.96 61.15	-10.97 -5.92 55.30	-12.39 -5.33 52.83	-14.48 -4.40 48.85	31.80 -4.41 2.27	23.78 -4.39 10.45	-1.69 -4.03 32.00
WHAVSTOR_138KV_BK127 55557	42.89 1.08 0.00	39.01 1.05 0.00	37.27 0.89 0.00	33.37 0.70 0.00	34.37 0.68 0.00	31.16 0.66 0.00	29.82 0.67 0.00	21.50 0.56 0.00	19.29 0.57 0.00	22.90 0.56 0.00	33.77 1.04 0.00	36.51 1.12 0.00	38.41 1.23 0.00	39.54 1.44 0.00	39.37 1.74 0.00	39.84 1.97 0.00	50.52 2.62 0.00	60.95 3.14 0.00	53.08 2.82 0.00	48.29 2.53 0.00	41.02 2.26 0.00	40.69 2.21 0.00	40.84 2.22 0.00	36.16 1.81 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.89 1.08 0.00	39.01 1.05 0.00	37.27 0.89 0.00	33.37 0.70 0.00	34.37 0.68 0.00	31.16 0.66 0.00	29.82 0.67 0.00	21.50 0.56 0.00	19.29 0.57 0.00	22.90 0.56 0.00	33.77 1.04 0.00	36.51 1.12 0.00	38.41 1.23 0.00	39.54 1.44 0.00	39.37 1.74 0.00	39.84 1.97 0.00	50.52 2.62 0.00	60.95 3.14 0.00	53.08 2.82 0.00	48.29 2.53 0.00	41.02 2.26 0.00	40.69 2.21 0.00	40.84 2.22 0.00	36.16 1.81 0.00
WHITEHAL_115KV_TB1 80871	43.94 2.14 0.00	40.19 2.23 0.00	38.77 2.40 0.00	34.43 1.76 0.00	35.57 1.89 0.00	32.03 1.53 0.00	30.69 1.54 0.00	22.12 1.19 0.00	20.28 1.56 0.00	24.14 1.80 0.00	35.58 2.84 0.00	38.57 3.19 0.00	40.65 3.48 0.00	41.75 3.65 0.00	41.32 3.69 0.00	41.72 3.85 0.00	52.57 4.67 0.00	63.20 5.39 0.00	55.16 4.90 0.00	50.16 4.40 0.00	42.69 3.93 0.00	42.29 3.81 0.00	42.31 3.68 0.00	37.50 3.16 0.00
WHITEPLN_13_KV_LOAD 356215	43.71 1.91 0.00	39.76 1.79 0.00	37.93 1.56 0.00	33.95 1.27 0.00	34.99 1.31 0.00	31.72 1.23 0.00	30.41 1.26 0.00	21.92 0.99 0.00	19.69 0.97 0.00	23.35 1.01 0.00	34.49 1.75 0.00	37.30 1.92 0.00	39.23 2.06 0.00	40.38 2.28 0.00	40.21 2.58 0.00	40.52 2.65 0.00	51.35 3.45 0.00	61.99 4.18 0.00	53.99 3.74 0.00	49.10 3.34 0.00	41.70 2.94 0.00	41.37 2.88 0.00	41.52 2.90 0.00	36.76 2.42 0.00
WM_FLOYD_69_KV_BK2 356380	43.48 1.68 0.00	39.54 1.58 0.00	37.58 1.21 0.00	33.94 1.26 0.00	35.28 1.59 0.00	32.35 1.86 0.00	31.03 1.88 0.00	22.34 1.41 0.00	20.01 1.29 0.00	23.22 0.89 0.00	34.35 1.61 0.00	36.93 1.54 0.00	39.22 2.05 0.00	40.77 2.67 0.00	52.42 3.55 -11.23	54.62 3.72 -13.03	52.87 4.24 -0.73	66.17 5.13 -3.23	54.67 4.41 0.00	51.21 3.95 -1.50	54.20 3.66 -11.77	54.16 3.75 -11.94	42.21 3.58 0.00	37.28 2.93 0.00
WOODARD___115KV_TB2 355635	40.82 -0.99 0.00	37.09 -0.87 0.00	35.55 -0.83 0.00	31.94 -0.73 0.00	32.89 -0.80 0.00	29.82 -0.67 0.00	28.47 -0.67 0.00	20.41 -0.52 0.00	18.19 -0.54 0.00	21.71 -0.63 0.00	31.70 -1.03 0.00	34.28 -1.10 0.00	36.01 -1.16 0.00	36.94 -1.16 0.00	36.51 -1.12 0.00	36.80 -1.08 0.00	46.52 -1.39 0.00	56.23 -1.58 0.00	48.88 -1.37 0.00	44.48 -1.28 0.00	37.66 -1.10 0.00	37.40 -1.08 0.00	37.49 -1.13 0.00	33.36 -0.99 0.00
YORK___WARBASSE 23770	61.52 1.91 -17.80	53.22 1.81 -13.45	52.76 1.60 -14.78	52.15 1.32 -18.15	52.11 1.31 -17.11	51.88 1.25 -20.14	51.89 1.30 -21.45	52.06 1.03 -30.10	52.08 0.99 -32.36	52.20 1.03 -28.83	52.50 1.76 -18.00	179.98 1.85 -142.74	56.37 1.99 -17.20	58.14 2.21 -17.84	58.15 2.52 -18.01	58.49 2.64 -17.98	58.61 3.41 -7.31	62.20 4.03 -0.36	59.19 3.66 -5.27	63.69 3.32 -14.61	59.19 2.93 -17.50	59.15 2.89 -17.78	58.57 2.98 -16.97	58.13 2.50 -21.29