

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/06/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	42.27	46.36	41.45	39.00	36.31	38.82	44.56	48.60	50.61	58.92	147.21	74.38	49.81	44.23	142.50	68.63	55.55	54.03	56.91	62.33	41.11	39.13	40.51	35.12
24138	2.52	2.42	2.05	1.86	1.73	1.70	1.74	1.91	2.21	2.77	6.65	4.13	3.20	3.15	3.06	3.30	2.54	2.38	3.47	3.35	2.08	1.65	1.82	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-100.00	-21.43	-17.99	-16.17	-1.83	-2.82	0.00	-5.14	-1.43	0.00
74TH STREET_GT_1	42.33	46.48	41.54	39.09	36.40	38.91	44.67	48.71	50.73	59.03	147.52	74.51	49.89	44.28	142.38	68.74	55.63	54.12	57.07	62.50	41.23	39.23	40.62	35.20
24260	2.57	2.53	2.15	1.94	1.82	1.79	1.84	2.02	2.33	2.87	6.95	4.26	3.27	3.20	3.14	3.46	2.65	2.51	3.64	3.52	2.20	1.76	1.93	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-99.80	-21.39	-17.96	-16.13	-1.82	-2.81	0.00	-5.13	-1.42	0.00
74TH STREET_GT_2	42.33	46.48	41.54	39.09	36.40	38.91	44.67	48.71	50.73	59.03	147.52	74.51	49.89	44.28	142.38	68.74	55.63	54.12	57.07	62.50	41.23	39.23	40.62	35.20
24261	2.57	2.53	2.15	1.94	1.82	1.79	1.84	2.02	2.33	2.87	6.95	4.26	3.27	3.20	3.14	3.46	2.65	2.51	3.64	3.52	2.20	1.76	1.93	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-99.80	-21.39	-17.96	-16.13	-1.82	-2.81	0.00	-5.13	-1.42	0.00
ADK HUDSON___FALLS	42.94	47.44	42.39	40.02	37.25	39.82	45.67	49.80	51.73	60.05	149.87	75.20	49.62	43.31	59.68	49.80	39.69	40.12	54.50	59.53	40.92	34.79	39.31	35.14
24011	3.18	3.50	2.99	2.87	2.66	2.70	2.84	3.10	3.34	3.89	9.31	4.94	3.00	2.23	1.94	2.00	1.65	1.69	2.56	2.88	1.90	1.58	1.80	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.30	-3.92	-3.02	-2.95	-0.33	-0.48	0.00	-0.88	-0.24	0.00
ADK RESOURCE___RCVRY	43.27	47.84	42.69	40.36	37.58	40.06	45.92	50.06	52.01	60.43	150.91	75.65	49.95	43.54	59.77	49.92	39.85	40.22	54.62	59.71	41.04	34.87	39.43	35.24
23798	3.51	3.90	3.29	3.21	3.00	2.94	3.09	3.36	3.61	4.27	10.35	5.40	3.34	2.46	2.12	2.13	1.83	1.80	2.69	3.07	2.01	1.66	1.92	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.21	-3.90	-3.00	-2.94	-0.33	-0.48	0.00	-0.88	-0.24	0.00
ADK S GLENS___FALLS	42.94	47.44	42.39	40.02	37.25	39.82	45.67	49.80	51.73	60.05	149.87	75.20	49.62	43.31	59.68	49.80	39.69	40.12	54.50	59.53	40.92	34.79	39.31	35.14
24028	3.18	3.50	2.99	2.87	2.66	2.70	2.84	3.10	3.34	3.89	9.31	4.94	3.00	2.23	1.94	2.00	1.65	1.69	2.56	2.88	1.90	1.58	1.80	1.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.30	-3.92	-3.02	-2.95	-0.33	-0.48	0.00	-0.88	-0.24	0.00
ADK_NYS___DAM	41.90	46.48	41.60	39.30	36.60	39.30	44.96	48.86	50.68	58.74	146.87	73.61	48.96	43.34	65.72	51.29	40.80	41.00	54.47	59.33	40.82	35.10	39.41	35.12
23527	2.14	2.54	2.20	2.15	2.01	2.19	2.12	2.16	2.28	2.59	6.30	3.36	2.34	2.26	2.08	2.22	1.64	1.61	2.42	2.52	1.80	1.60	1.83	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-24.19	-5.18	-4.15	-3.90	-0.44	-0.64	0.00	-1.17	-0.32	0.00
AIR_PRODUCTS___DRP	40.54	44.73	40.10	37.79	35.15	37.71	43.29	47.12	48.92	56.66	142.00	70.80	46.95	41.56	59.26	48.64	38.51	38.85	52.32	56.92	39.14	33.43	37.60	33.70
24190	0.78	0.79	0.70	0.64	0.56	0.59	0.45	0.42	0.53	0.51	1.44	0.55	0.34	0.47	0.53	0.64	0.36	0.29	0.36	0.25	0.11	0.17	0.08	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.29	-4.12	-3.13	-3.08	-0.34	-0.50	0.00	-0.92	-0.26	0.00
AKWESSNE_115KV_BK	39.82	44.24	39.73	37.49	34.89	37.46	43.54	47.55	49.19	57.08	143.07	71.16	47.19	41.48	39.72	44.14	35.25	35.87	52.32	57.21	39.80	32.98	38.02	34.41
355683	0.06	0.30	0.33	0.34	0.30	0.34	0.71	0.85	0.79	0.93	2.51	0.91	0.58	0.39	0.28	0.25	0.24	0.39	0.71	1.04	0.77	0.65	0.76	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.24	45.51	40.78	38.43	35.76	38.38	44.09	48.00	49.70	57.46	144.16	72.19	47.92	42.39	56.19	48.48	38.56	38.95	53.26	58.04	39.98	33.91	38.36	34.40
323833	1.48	1.57	1.38	1.28	1.17	1.27	1.26	1.31	1.31	1.30	3.60	1.94	1.31	1.31	1.11	1.23	0.95	0.94	1.37	1.46	0.96	0.82	0.88	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.64	-3.36	-2.60	-2.53	-0.28	-0.42	0.00	-0.76	-0.21	0.00
ALBANY_2_SOLAR	41.22	45.50	40.77	38.42	35.74	38.37	44.08	47.98	49.69	57.45	144.11	72.17	47.92	42.38	56.19	48.48	38.56	38.94	53.25	58.01	39.97	33.90	38.35	34.39
323834	1.46	1.55	1.38	1.28	1.16	1.25	1.25	1.29	1.29	1.29	3.55	1.92	1.30	1.30	1.10	1.23	0.95	0.92	1.36	1.43	0.94	0.81	0.87	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.65	-3.36	-2.60	-2.54	-0.28	-0.42	0.00	-0.76	-0.21	0.00
ALBANY___1	40.54	44.73	40.10	37.79	35.15	37.71	43.29	47.12	48.92	56.66	142.00	70.80	46.95	41.56	59.26	48.64	38.51	38.85	52.32	56.92	39.14	33.43	37.60	33.70
23571	0.78	0.79	0.70	0.64	0.56	0.59	0.45	0.42	0.53	0.51	1.44	0.55	0.34	0.47	0.53	0.64	0.36	0.29	0.36	0.25	0.11	0.17	0.08	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.29	-4.12	-3.13	-3.08	-0.34	-0.50	0.00	-0.92	-0.26	0.00

ALBANY___2 23572	40.54 0.78 0.00	44.73 0.79 0.00	40.10 0.70 0.00	37.79 0.64 0.00	35.15 0.56 0.00	37.71 0.59 0.00	43.29 0.45 0.00	47.12 0.42 0.00	48.92 0.53 0.00	56.66 0.51 0.00	142.00 1.44 0.00	70.80 0.55 0.00	46.95 0.34 0.00	41.56 0.47 0.00	59.26 0.53 -19.29	48.64 0.64 -4.12	38.51 0.36 -3.13	38.85 0.29 -3.08	52.32 0.36 -0.34	56.92 0.25 -0.50	39.14 0.11 0.00	33.43 0.17 -0.92	37.60 0.08 -0.26	33.70 0.05 0.00
ALBANY___3 23573	40.54 0.78 0.00	44.73 0.79 0.00	40.10 0.70 0.00	37.79 0.64 0.00	35.15 0.56 0.00	37.71 0.59 0.00	43.29 0.45 0.00	47.12 0.42 0.00	48.92 0.53 0.00	56.66 0.51 0.00	142.00 1.44 0.00	70.80 0.55 0.00	46.95 0.34 0.00	41.56 0.47 0.00	59.26 0.53 -19.29	48.64 0.64 -4.12	38.51 0.36 -3.13	38.85 0.29 -3.08	52.32 0.36 -0.34	56.92 0.25 -0.50	39.14 0.11 0.00	33.43 0.17 -0.92	37.60 0.08 -0.26	33.70 0.05 0.00
ALBANY___4 23574	40.54 0.78 0.00	44.73 0.79 0.00	40.10 0.70 0.00	37.79 0.64 0.00	35.15 0.56 0.00	37.71 0.59 0.00	43.29 0.45 0.00	47.12 0.42 0.00	48.92 0.53 0.00	56.66 0.51 0.00	142.00 1.44 0.00	70.80 0.55 0.00	46.95 0.34 0.00	41.56 0.47 0.00	59.26 0.53 -19.29	48.64 0.64 -4.12	38.51 0.36 -3.13	38.85 0.29 -3.08	52.32 0.36 -0.34	56.92 0.25 -0.50	39.14 0.11 0.00	33.43 0.17 -0.92	37.60 0.08 -0.26	33.70 0.05 0.00
ALBANY___LFGE 323615	40.91 1.15 0.00	45.13 1.19 0.00	40.46 1.06 0.00	38.12 0.97 0.00	35.46 0.88 0.00	38.04 0.93 0.00	43.66 0.83 0.00	47.53 0.83 0.00	49.36 0.96 0.00	57.19 1.03 0.00	143.34 2.78 0.00	71.55 1.30 0.00	47.49 0.87 0.00	42.00 0.91 0.00	59.61 0.93 -19.24	49.07 1.07 -4.11	38.89 0.72 -3.15	39.21 0.65 -3.08	52.87 0.92 -0.34	57.53 0.86 -0.51	39.55 0.52 0.00	33.76 0.51 -0.92	37.98 0.47 -0.26	34.02 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	39.97 0.21 0.00	44.44 0.50 0.00	39.92 0.52 0.00	37.66 0.51 0.00	35.04 0.46 0.00	37.63 0.51 0.00	43.76 0.93 0.00	47.86 1.17 0.00	49.52 1.12 0.00	57.46 1.31 0.00	144.21 3.64 0.00	71.82 1.57 0.00	47.50 0.88 0.00	41.72 0.64 0.00	39.91 0.47 0.00	44.31 0.42 0.00	35.40 0.39 0.00	36.05 0.56 0.00	52.63 1.02 0.00	57.58 1.42 0.00	40.07 1.04 0.00	33.20 0.87 0.00	38.27 1.00 0.00	34.61 0.97 0.00
ALCOA_RYNLDS___DRP 24188	39.97 0.21 0.00	44.44 0.50 0.00	39.92 0.52 0.00	37.66 0.51 0.00	35.04 0.46 0.00	37.63 0.51 0.00	43.76 0.93 0.00	47.86 1.17 0.00	49.52 1.12 0.00	57.46 1.31 0.00	144.21 3.64 0.00	71.82 1.57 0.00	47.50 0.88 0.00	41.72 0.64 0.00	39.91 0.47 0.00	44.31 0.42 0.00	35.40 0.39 0.00	36.05 0.56 0.00	52.63 1.02 0.00	57.58 1.42 0.00	40.07 1.04 0.00	33.20 0.87 0.00	38.27 1.00 0.00	34.61 0.97 0.00
ALCOA___DSASP 323711	39.97 0.21 0.00	44.44 0.50 0.00	39.92 0.52 0.00	37.66 0.51 0.00	35.04 0.46 0.00	37.63 0.51 0.00	43.76 0.93 0.00	47.86 1.17 0.00	49.52 1.12 0.00	57.47 1.31 0.00	144.16 3.60 0.00	71.82 1.57 0.00	47.50 0.88 0.00	41.72 0.64 0.00	39.90 0.46 0.00	44.31 0.42 0.00	35.40 0.39 0.00	36.04 0.56 0.00	52.63 1.02 0.00	57.58 1.41 0.00	40.07 1.04 0.00	33.20 0.87 0.00	38.27 1.00 0.00	34.61 0.96 0.00
ALLEGHENY___COGEN 23514	39.83 0.07 0.00	44.13 0.19 0.00	39.43 0.04 0.00	37.17 0.02 0.00	34.75 0.16 0.00	37.34 0.22 0.00	42.86 0.03 0.00	46.80 0.11 0.00	48.19 -0.21 0.00	55.77 -0.38 0.00	139.33 -1.19 0.05	68.46 -1.62 0.18	44.73 -1.72 0.17	41.35 -2.21 -2.47	41.44 -1.92 -3.92	42.20 -1.69 0.00	33.98 -1.03 0.00	34.83 -0.65 0.00	50.35 -0.74 0.51	55.94 -0.22 0.00	39.40 0.37 0.00	32.41 0.07 0.00	37.36 0.10 0.00	33.64 0.00 0.00
ALTAMONT_115KV_TB 2 55880	40.78 1.02 0.00	45.00 1.06 0.00	40.35 0.95 0.00	38.02 0.87 0.00	35.37 0.79 0.00	37.95 0.83 0.00	43.58 0.75 0.00	47.47 0.78 0.00	49.26 0.86 0.00	57.15 0.99 0.00	142.94 2.38 0.00	71.59 1.33 0.00	47.57 0.95 0.00	42.03 0.95 0.00	58.08 0.92 -17.72	48.73 1.03 -3.81	38.60 0.71 -2.87	39.02 0.65 -2.89	52.87 0.94 -0.32	57.51 0.88 -0.47	39.58 0.56 0.00	33.69 0.50 -0.86	38.03 0.53 -0.24	34.08 0.44 0.00
ALTONA_WT_PWR 323606	38.78 -0.98 0.00	44.34 0.40 0.00	40.25 0.85 0.00	38.56 1.41 0.00	35.82 1.23 0.00	38.36 1.25 0.00	44.53 1.70 0.00	48.83 2.14 0.00	50.39 2.00 0.00	58.86 2.71 0.00	148.95 8.39 0.00	74.45 4.20 0.00	49.16 2.54 0.00	42.96 1.87 0.00	40.64 1.20 0.00	44.82 0.93 0.00	35.43 0.42 0.00	35.72 0.24 0.00	52.42 0.81 0.00	57.90 1.73 0.00	40.32 1.29 0.00	33.32 0.99 0.00	38.36 1.10 0.00	34.65 1.01 0.00
AMERICAN_REF_FUEL 24010	36.39 -3.37 0.00	40.53 -3.41 0.00	36.21 -3.18 0.00	34.17 -2.98 0.00	31.96 -2.63 0.00	34.30 -2.82 0.00	39.21 -3.63 0.00	42.51 -4.18 0.00	42.99 -5.41 0.00	49.47 -6.68 0.00	124.25 -16.26 0.05	61.79 -8.26 0.20	40.55 -5.93 0.13	34.71 -5.71 0.67	33.16 -5.22 1.06	38.18 -5.71 0.00	30.75 -4.27 0.00	31.45 -4.03 0.00	44.90 -6.13 0.58	49.98 -6.19 0.00	35.34 -3.69 0.00	29.07 -3.27 0.00	33.76 -3.50 0.00	30.82 -2.83 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.83 -1.93 0.00	42.15 -1.79 0.00	37.57 -1.83 0.00	35.41 -1.74 0.00	33.15 -1.44 0.00	35.56 -1.56 0.00	40.67 -2.16 0.00	44.32 -2.38 0.00	45.24 -3.16 0.00	52.26 -3.90 0.00	131.31 -9.20 0.05	65.33 -4.74 0.18	42.89 -3.59 0.14	36.78 -3.65 0.65	34.82 -3.59 1.04	39.86 -4.03 0.00	32.19 -2.82 0.00	32.58 -2.90 0.00	46.64 -4.45 0.52	52.27 -3.90 0.00	36.69 -2.34 0.00	30.03 -2.31 0.00	34.88 -2.38 0.00	31.65 -2.00 0.00
ARTHUR KILL_GT_1 23520	42.04 2.28 0.00	46.07 2.13 0.00	41.41 2.01 0.00	39.11 1.97 0.00	36.41 1.82 0.00	38.85 1.73 0.00	44.39 1.56 0.00	48.31 1.62 0.00	50.26 1.87 0.00	58.53 2.37 0.00	146.68 6.12 0.00	74.19 3.93 0.00	49.60 2.98 0.00	44.07 2.99 0.00	141.88 2.63 -99.80	68.72 3.44 -21.39	55.10 2.12 -17.96	53.52 1.91 -16.13	56.42 2.99 -1.82	61.96 2.98 -2.81	40.90 1.87 0.00	39.10 1.64 -5.13	40.37 1.69 -1.42	35.16 1.52 0.00
ARTHUR_KILL_2 23512	41.92 2.16 0.00	45.91 1.96 0.00	41.28 1.89 0.00	39.00 1.85 0.00	36.29 1.71 0.00	38.74 1.62 0.00	44.26 1.43 0.00	48.17 1.48 0.00	50.11 1.72 0.00	58.34 2.18 0.00	146.24 5.68 0.00	73.94 3.69 0.00	49.42 2.81 0.00	43.91 2.83 0.00	141.72 2.48 -99.80	68.53 3.25 -21.39	54.98 2.01 -17.96	53.38 1.76 -16.13	56.21 2.78 -1.82	61.74 2.76 -2.81	40.77 1.74 0.00	38.98 1.52 -5.13	40.25 1.57 -1.42	35.04 1.40 0.00
ARTHUR_KILL_3 23513	41.84 2.08 0.00	45.88 1.94 0.00	41.05 1.65 0.00	38.63 1.48 0.00	35.98 1.39 0.00	38.44 1.32 0.00	44.12 1.29 0.00	48.09 1.39 0.00	50.06 1.67 0.00	58.23 2.08 0.00	145.49 4.93 0.00	73.52 3.27 0.00	49.21 2.60 0.00	43.69 2.61 0.00	141.89 2.55 -99.89	68.07 2.78 -21.40	55.09 2.10 -17.98	53.54 1.92 -16.14	56.28 2.84 -1.82	61.68 2.70 -2.81	40.68 1.65 0.00	38.77 1.30 -5.13	40.11 1.43 -1.42	34.78 1.14 0.00

ARTHUR_KILL_COGEN 323718	42.04 2.28 0.00	46.06 2.12 0.00	41.41 2.01 0.00	39.11 1.96 0.00	36.40 1.81 0.00	38.85 1.73 0.00	44.38 1.55 0.00	48.32 1.62 0.00	50.26 1.87 0.00	58.52 2.37 0.00	146.66 6.09 0.00	74.18 3.93 0.00	49.60 2.98 0.00	44.07 2.98 0.00	141.87 2.63 -99.80	68.71 3.43 -21.39	55.10 2.12 -17.96	53.52 1.90 -16.13	56.41 2.98 -1.82	61.95 2.98 -2.81	40.91 1.89 0.00	39.10 1.64 -5.13	40.38 1.69 -1.42	35.16 1.52 0.00
ASHOKAN____ 23654	41.46 1.70 0.00	45.61 1.67 0.00	40.82 1.42 0.00	38.43 1.28 0.00	35.72 1.13 0.00	38.34 1.22 0.00	44.05 1.22 0.00	48.08 1.38 0.00	49.99 1.59 0.00	58.12 1.96 0.00	145.64 5.08 0.00	72.97 2.72 0.00	48.47 1.85 0.00	43.27 2.18 0.00	41.31 1.87 0.00	45.72 1.83 0.00	36.60 1.58 0.00	37.03 1.55 0.00	53.82 2.21 0.00	58.43 2.26 0.00	40.49 1.46 0.00	33.46 1.13 0.00	38.44 1.18 0.00	34.55 0.91 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.62 1.86 0.00	45.72 1.79 0.01	40.94 1.55 0.01	38.54 1.40 0.01	35.85 1.28 0.01	38.39 1.28 0.01	44.14 1.31 0.00	48.10 1.41 0.00	50.10 1.71 0.01	58.22 2.07 0.00	146.52 5.14 -0.81	73.60 3.36 0.01	49.23 2.62 0.01	43.70 2.62 0.01	142.15 2.45 -100.25	68.28 3.01 -21.38	55.10 2.14 -17.95	53.62 2.01 -16.12	56.56 3.13 -1.82	61.78 2.80 -2.81	40.72 1.70 0.01	38.84 1.38 -5.12	40.20 1.52 -1.42	34.84 1.20 0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.62 1.86 0.00	45.72 1.79 0.01	40.94 1.55 0.01	38.54 1.40 0.01	35.85 1.28 0.01	38.39 1.28 0.01	44.14 1.31 0.00	48.10 1.41 0.00	50.10 1.71 0.01	58.22 2.07 0.00	146.52 5.14 -0.81	73.60 3.36 0.01	49.23 2.62 0.01	43.70 2.62 0.01	142.15 2.45 -100.25	68.28 3.01 -21.38	55.10 2.14 -17.95	53.62 2.01 -16.12	56.56 3.13 -1.82	61.78 2.80 -2.81	40.72 1.70 0.01	38.84 1.38 -5.12	40.20 1.52 -1.42	34.84 1.20 0.01
ASTORIA_GT2_1 24094	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT2_2 24095	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT2_3 24096	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT2_4 24097	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT3_1 24098	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT3_2 24099	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT3_3 24100	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT3_4 24101	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT4_1 24102	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT4_2 24103	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT4_3 24104	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01

ASTORIA_GT4_4 24105	41.64 1.88 0.00	45.76 1.83 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.89 1.31 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.65 5.28 -0.81	73.65 3.40 0.01	49.25 2.64 0.01	43.73 2.65 0.01	142.17 2.47 -100.25	68.31 3.04 -21.38	55.12 2.16 -17.95	53.63 2.02 -16.12	56.60 3.17 -1.82	61.81 2.84 -2.81	40.73 1.71 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.85 1.21 0.01
ASTORIA_GT_1 23523	41.73 1.97 0.00	45.85 1.91 0.01	41.04 1.65 0.01	38.62 1.48 0.01	35.95 1.37 0.01	38.47 1.36 0.01	44.23 1.40 0.00	48.21 1.52 0.00	50.21 1.82 0.01	58.37 2.22 0.00	146.97 5.59 -0.81	73.80 3.56 0.01	49.36 2.76 0.01	43.82 2.74 0.01	142.26 2.57 -100.25	68.42 3.15 -21.38	55.21 2.24 -17.95	53.72 2.11 -16.12	56.71 3.29 -1.82	61.93 2.96 -2.81	40.82 1.80 0.01	38.92 1.46 -5.12	40.29 1.61 -1.42	34.92 1.28 0.01
ASTORIA_GT_10 24110	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.79 0.00	38.76 1.61 0.00	36.09 1.50 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.47 2.31 0.00	146.16 5.60 0.00	73.87 3.62 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.85 2.61 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.74 2.12 -16.13	56.64 3.21 -1.82	61.92 2.95 -2.81	40.87 1.84 0.00	38.97 1.51 -5.13	40.32 1.63 -1.42	34.95 1.31 0.00
ASTORIA_GT_11 24225	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.79 0.00	38.76 1.61 0.00	36.09 1.50 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.47 2.31 0.00	146.16 5.60 0.00	73.87 3.62 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.85 2.61 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.74 2.12 -16.13	56.64 3.21 -1.82	61.92 2.95 -2.81	40.87 1.84 0.00	38.97 1.51 -5.13	40.32 1.63 -1.42	34.95 1.31 0.00
ASTORIA_GT_12 24226	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.79 0.00	38.76 1.61 0.00	36.09 1.50 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.47 2.31 0.00	146.16 5.60 0.00	73.87 3.62 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.85 2.61 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.74 2.12 -16.13	56.64 3.21 -1.82	61.92 2.95 -2.81	40.87 1.84 0.00	38.97 1.51 -5.13	40.32 1.63 -1.42	34.95 1.31 0.00
ASTORIA_GT_13 24227	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.79 0.00	38.76 1.61 0.00	36.09 1.50 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.47 2.31 0.00	146.16 5.60 0.00	73.87 3.62 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.85 2.61 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.74 2.12 -16.13	56.64 3.21 -1.82	61.92 2.95 -2.81	40.87 1.84 0.00	38.97 1.51 -5.13	40.32 1.63 -1.42	34.95 1.31 0.00
ASTORIA_GT_5 24106	41.73 1.97 0.00	45.85 1.91 0.01	41.04 1.65 0.01	38.62 1.48 0.01	35.95 1.37 0.01	38.47 1.36 0.01	44.23 1.40 0.00	48.21 1.52 0.00	50.21 1.82 0.01	58.37 2.22 0.00	146.97 5.59 -0.81	73.80 3.56 0.01	49.36 2.76 0.01	43.82 2.74 0.01	142.26 2.57 -100.25	68.42 3.15 -21.38	55.21 2.24 -17.95	53.72 2.11 -16.12	56.71 3.29 -1.82	61.93 2.96 -2.81	40.82 1.80 0.01	38.92 1.46 -5.12	40.29 1.61 -1.42	34.92 1.28 0.01
ASTORIA_GT_7 24107	41.73 1.97 0.00	45.85 1.91 0.01	41.04 1.65 0.01	38.62 1.48 0.01	35.95 1.37 0.01	38.47 1.36 0.01	44.23 1.40 0.00	48.21 1.52 0.00	50.21 1.82 0.01	58.37 2.22 0.00	146.97 5.59 -0.81	73.80 3.56 0.01	49.36 2.76 0.01	43.82 2.74 0.01	142.26 2.57 -100.25	68.42 3.15 -21.38	55.21 2.24 -17.95	53.72 2.11 -16.12	56.71 3.29 -1.82	61.93 2.96 -2.81	40.82 1.80 0.01	38.92 1.46 -5.12	40.29 1.61 -1.42	34.92 1.28 0.01
ASTORIA_GT_8 24108	41.73 1.97 0.00	45.85 1.91 0.01	41.04 1.65 0.01	38.62 1.48 0.01	35.95 1.37 0.01	38.47 1.36 0.01	44.23 1.40 0.00	48.21 1.52 0.00	50.21 1.82 0.01	58.37 2.22 0.00	146.97 5.59 -0.81	73.80 3.56 0.01	49.36 2.76 0.01	43.82 2.74 0.01	142.26 2.57 -100.25	68.42 3.15 -21.38	55.21 2.24 -17.95	53.72 2.11 -16.12	56.71 3.29 -1.82	61.93 2.96 -2.81	40.82 1.80 0.01	38.92 1.46 -5.12	40.29 1.61 -1.42	34.92 1.28 0.01
ASTORIA___2 24149	41.65 1.89 0.00	45.75 1.82 0.01	40.96 1.57 0.01	38.55 1.41 0.01	35.87 1.30 0.01	38.40 1.29 0.01	44.15 1.32 0.00	48.12 1.43 0.00	50.12 1.73 0.01	58.24 2.09 0.00	146.66 5.28 -0.81	73.64 3.40 0.01	49.25 2.65 0.01	43.73 2.65 0.01	142.18 2.48 -100.25	68.30 3.03 -21.38	55.13 2.16 -17.95	53.63 2.02 -16.12	56.58 3.15 -1.82	61.80 2.83 -2.81	40.74 1.72 0.01	38.85 1.40 -5.12	40.22 1.54 -1.42	34.86 1.21 0.01
ASTORIA___3 23516	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.78 0.00	38.76 1.61 0.00	36.07 1.49 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.48 2.32 0.00	146.14 5.58 0.00	73.86 3.61 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.84 2.60 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.73 2.12 -16.13	56.63 3.20 -1.82	61.92 2.94 -2.81	40.87 1.85 0.00	38.97 1.51 -5.13	40.32 1.64 -1.42	34.95 1.31 0.00
ASTORIA___4 23517	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.79 0.00	38.76 1.61 0.00	36.09 1.50 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.47 2.31 0.00	146.16 5.60 0.00	73.86 3.61 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.84 2.60 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.74 2.12 -16.13	56.64 3.21 -1.82	61.92 2.95 -2.81	40.86 1.84 0.00	38.97 1.51 -5.13	40.32 1.63 -1.42	34.95 1.31 0.00
ASTORIA___5 23518	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.78 0.00	38.76 1.61 0.00	36.07 1.49 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.48 2.32 0.00	146.14 5.58 0.00	73.87 3.62 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.84 2.60 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.73 2.12 -16.13	56.63 3.20 -1.82	61.92 2.95 -2.81	40.87 1.85 0.00	38.97 1.51 -5.13	40.32 1.64 -1.42	34.95 1.31 0.00
AST_ENERGY_2_CC3 323677	28.87 1.49 12.38	32.48 1.38 12.84	28.98 1.18 11.60	27.67 1.04 10.52	26.33 0.94 9.19	27.32 0.92 10.71	28.48 0.89 15.24	31.23 0.96 16.43	33.51 1.26 16.14	42.15 1.55 15.55	131.06 3.88 13.38	58.84 2.70 14.11	34.42 2.19 14.39	28.94 2.24 14.39	90.92 2.09 -49.39	52.14 2.60 -5.64	36.24 1.81 0.59	31.52 1.67 5.63	46.67 2.75 7.68	52.45 2.39 6.10	29.48 1.33 10.87	28.53 1.08 4.88	28.58 1.17 9.85	27.34 0.88 7.18
AST_ENERGY_2_CC4 323678	28.87 1.49 12.38	32.48 1.38 12.84	28.98 1.18 11.60	27.67 1.04 10.52	26.33 0.94 9.19	27.32 0.92 10.71	28.48 0.89 15.24	31.23 0.96 16.43	33.51 1.26 16.14	42.15 1.55 15.55	131.06 3.88 13.38	58.84 2.70 14.11	34.42 2.19 14.39	28.94 2.24 14.39	90.92 2.09 -49.39	52.14 2.60 -5.64	36.24 1.81 0.59	31.52 1.67 5.63	46.67 2.75 7.68	52.45 2.39 6.10	29.48 1.33 10.87	28.53 1.08 4.88	28.58 1.17 9.85	27.34 0.88 7.18

ATHENS_STG_1 23668	41.00 1.24 0.00	45.17 1.23 0.00	40.48 1.08 0.00	38.14 0.99 0.00	35.46 0.88 0.00	38.04 0.92 0.00	43.66 0.83 0.00	47.57 0.87 0.00	49.41 1.01 0.00	57.37 1.22 0.00	143.33 2.77 0.00	71.92 1.66 0.00	47.85 1.24 0.00	42.29 1.21 0.00	61.62 1.24 -20.94	49.78 1.40 -4.49	38.83 1.01 -2.80	39.77 0.90 -3.39	53.26 1.27 -0.38	57.88 1.16 -0.55	39.74 0.71 0.00	33.96 0.61 -1.01	38.25 0.71 -0.28	34.25 0.61 0.00
ATHENS_STG_2 23670	41.00 1.24 0.00	45.17 1.23 0.00	40.48 1.08 0.00	38.14 0.99 0.00	35.46 0.88 0.00	38.04 0.92 0.00	43.66 0.83 0.00	47.57 0.87 0.00	49.41 1.01 0.00	57.37 1.22 0.00	143.33 2.77 0.00	71.92 1.66 0.00	47.85 1.24 0.00	42.29 1.21 0.00	61.62 1.24 -20.94	49.78 1.40 -4.49	38.83 1.01 -2.80	39.77 0.90 -3.39	53.26 1.27 -0.38	57.88 1.16 -0.55	39.74 0.71 0.00	33.96 0.61 -1.01	38.25 0.71 -0.28	34.25 0.61 0.00
ATHENS_STG_3 23677	41.00 1.24 0.00	45.17 1.23 0.00	40.48 1.08 0.00	38.14 0.99 0.00	35.46 0.88 0.00	38.04 0.92 0.00	43.66 0.83 0.00	47.57 0.87 0.00	49.41 1.01 0.00	57.37 1.22 0.00	143.33 2.77 0.00	71.92 1.66 0.00	47.85 1.24 0.00	42.29 1.21 0.00	61.62 1.24 -20.94	49.78 1.40 -4.49	38.83 1.01 -2.80	39.77 0.90 -3.39	53.26 1.27 -0.38	57.88 1.16 -0.55	39.74 0.71 0.00	33.96 0.61 -1.01	38.25 0.71 -0.28	34.25 0.61 0.00
AUBURN___LFGE 323710	39.58 -0.18 0.00	43.69 -0.25 0.00	38.96 -0.43 0.00	36.86 -0.29 0.00	34.27 -0.32 0.00	36.77 -0.35 0.00	42.21 -0.62 0.00	46.05 -0.65 0.00	47.67 -0.73 0.00	55.28 -0.87 0.00	138.37 -2.18 0.01	69.15 -1.07 0.04	45.85 -0.79 -0.02	40.26 -0.82 0.00	38.78 -0.66 0.00	43.25 -0.64 0.00	34.71 -0.31 0.00	35.11 -0.37 0.00	50.98 -0.60 0.02	57.57 -0.52 -1.92	38.74 -0.28 0.00	31.91 -0.43 0.00	36.80 -0.46 0.00	33.15 -0.50 0.00
BABYLON_RES_REC 323704	42.30 2.54 0.00	46.38 2.44 0.00	41.50 2.11 0.00	38.95 1.80 0.00	36.34 1.76 0.00	38.83 1.71 0.00	44.54 1.70 0.00	48.42 1.73 0.00	50.33 1.93 0.00	58.50 2.34 0.00	142.06 3.46 1.97	72.41 2.15 0.00	48.69 2.07 0.00	55.30 1.93 -12.28	186.05 2.15 -144.46	153.10 2.38 -106.83	90.44 1.99 -53.43	69.34 1.89 -31.97	56.30 2.88 -1.82	61.68 2.71 -2.80	40.77 1.75 0.00	38.75 1.30 -5.11	39.95 1.27 -1.42	34.60 0.96 0.00
BALL_HILL_WT_PWR 323825	37.38 -2.38 0.00	41.63 -2.31 0.00	37.16 -2.24 0.00	35.03 -2.12 0.00	32.81 -1.77 0.00	35.17 -1.95 0.00	40.22 -2.62 0.00	43.78 -2.92 0.00	44.63 -3.77 0.00	51.55 -4.61 0.00	129.46 -11.05 0.05	64.39 -5.67 0.19	42.34 -4.14 0.14	36.13 -4.12 0.84	34.26 -3.85 1.34	39.68 -4.22 0.00	31.99 -3.02 0.00	32.49 -3.00 0.00	46.54 -4.53 0.54	51.89 -4.27 0.00	36.52 -2.51 0.00	29.95 -2.39 0.00	34.76 -2.50 0.00	31.51 -2.13 0.00
BARON_WINDS___WT_PWR 323822	38.11 -1.64 0.00	42.37 -1.57 0.00	37.94 -1.46 0.00	35.77 -1.38 0.00	33.47 -1.11 0.00	35.89 -1.22 0.00	41.06 -1.78 0.00	44.79 -1.90 0.00	45.95 -2.45 0.00	53.21 -2.95 0.00	133.23 -7.29 0.04	66.36 -3.75 0.14	43.66 -2.76 0.19	38.24 -2.96 -0.12	37.02 -2.62 -0.20	41.17 -2.72 0.00	33.19 -1.82 0.00	33.59 -1.90 0.00	48.40 -2.85 0.37	54.04 -2.68 -0.56	37.48 -1.55 0.00	30.83 -1.51 0.00	35.73 -1.53 0.00	32.20 -1.44 0.00
BARRETT_IC_1 23704	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_10 23701	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	82.19 3.20 61.56	72.84 2.59 0.00	49.02 2.40 0.00	54.59 2.36 -11.16	155.91 2.39 -114.09	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_11 23702	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	82.19 3.20 61.56	72.84 2.59 0.00	49.02 2.40 0.00	54.59 2.36 -11.16	155.91 2.39 -114.09	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_12 23703	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	82.19 3.20 61.56	72.84 2.59 0.00	49.02 2.40 0.00	54.59 2.36 -11.16	155.91 2.39 -114.09	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_2 23705	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_3 23706	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_4 23707	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_5 23708	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00

BARRETT_IC_6 23709	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_7 23710	42.18 2.42 0.00	46.26 2.31 0.00	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.29 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.52 3.39 9.43	72.84 2.59 0.00	49.02 2.41 0.00	54.84 2.37 -11.40	185.12 2.41 -143.28	140.19 2.60 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.97 3.00 -2.80	40.83 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_8 23711	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT_IC_9 23700	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	82.19 3.20 61.56	72.84 2.59 0.00	49.02 2.40 0.00	54.59 2.36 -11.16	155.91 2.39 -114.09	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT___1 23545	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	134.33 3.20 9.43	72.84 2.59 0.00	49.02 2.40 0.00	54.83 2.36 -11.40	185.10 2.39 -143.27	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BARRETT___2 23546	42.19 2.42 -0.01	46.26 2.31 -0.01	41.37 1.98 0.00	38.86 1.71 0.00	36.23 1.65 0.00	38.71 1.60 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.15 1.75 0.00	58.36 2.21 0.00	82.19 3.20 61.56	72.84 2.59 0.00	49.02 2.40 0.00	54.59 2.36 -11.16	155.91 2.39 -114.09	140.18 2.59 -93.70	86.42 2.04 -49.36	68.32 2.05 -30.79	56.59 3.16 -1.82	61.96 2.99 -2.80	40.84 1.81 0.00	38.81 1.36 -5.11	40.08 1.40 -1.42	34.71 1.07 0.00
BATAVIA___115KV_TB1 55881	38.34 -1.42 0.00	42.51 -1.43 0.00	37.94 -1.46 0.00	35.79 -1.36 0.00	33.43 -1.16 0.00	35.92 -1.19 0.00	41.15 -1.68 0.00	44.78 -1.92 0.00	45.67 -2.72 0.00	52.82 -3.33 0.00	132.31 -8.20 0.06	65.81 -4.23 0.22	42.72 -3.78 0.12	36.78 -3.88 0.42	35.32 -3.45 0.67	40.32 -3.57 0.00	32.40 -2.61 0.00	33.31 -2.18 0.00	47.71 -3.28 0.62	53.25 -2.92 0.00	37.56 -1.47 0.00	30.86 -1.48 0.00	35.70 -1.56 0.00	32.35 -1.29 0.00
BAYONEEC___CTG1 323682	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG10 323750	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG2 323683	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG3 323684	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG4 323685	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG5 323686	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG6 323687	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG7 323688	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00

BAYONEEC___CTG8 323689	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BAYONEEC___CTG9 323749	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.12 1.54 0.00	38.61 1.49 0.00	44.32 1.49 0.00	48.30 1.61 0.00	50.29 1.90 0.00	58.51 2.35 0.00	146.15 5.58 0.00	73.82 3.57 0.00	49.41 2.79 0.00	43.88 2.79 0.00	142.05 2.71 -99.89	68.28 2.98 -21.41	55.26 2.26 -17.98	53.73 2.09 -16.15	56.52 3.08 -1.82	61.93 2.95 -2.81	40.87 1.84 0.00	38.93 1.46 -5.14	40.30 1.61 -1.43	34.93 1.29 0.00
BEACON___LESR 323632	41.08 1.32 0.00	45.32 1.38 0.00	40.54 1.14 0.00	38.19 1.04 0.00	35.57 0.98 0.00	38.11 1.00 0.00	43.81 0.98 0.00	47.73 1.04 0.00	49.56 1.17 0.00	57.43 1.27 0.00	143.91 3.35 0.00	71.86 1.61 0.00	47.76 1.14 0.00	42.21 1.13 0.00	60.08 1.22 -19.42	49.26 1.22 -4.15	39.14 0.95 -3.18	39.47 0.87 -3.11	53.31 1.35 -0.35	57.95 1.27 -0.51	39.74 0.72 0.00	33.93 0.67 -0.93	38.12 0.60 -0.26	34.17 0.53 0.00
BEAVER RIVER___HYD 24048	40.38 0.62 0.00	45.26 1.32 0.00	40.75 1.35 0.00	38.33 1.18 0.00	35.55 0.96 0.00	38.34 1.23 0.00	44.37 1.53 0.00	48.35 1.65 0.00	50.26 1.86 0.00	58.45 2.29 0.00	146.37 5.81 0.00	73.00 2.75 0.00	48.04 1.43 0.00	42.09 1.00 0.00	39.92 0.48 0.00	44.22 0.34 0.00	35.44 0.43 0.00	36.08 0.59 0.00	53.13 1.48 -0.05	59.19 1.99 -1.04	40.26 1.23 0.00	33.15 0.81 0.00	38.19 0.93 0.00	34.26 0.61 0.00
BEEBEE_GT_13 23619	38.63 -1.13 0.00	42.72 -1.22 0.00	38.17 -1.23 0.00	36.00 -1.15 0.00	33.59 -1.00 0.00	36.05 -1.07 0.00	41.40 -1.44 0.00	45.10 -1.59 0.00	46.42 -1.97 0.00	53.82 -2.33 0.00	134.76 -5.73 0.06	67.02 -2.99 0.24	44.18 -2.34 0.10	38.76 -2.33 0.00	37.33 -2.12 0.00	41.76 -2.13 0.00	33.51 -1.51 0.00	34.11 -1.37 0.00	48.85 -2.09 0.68	54.16 -2.00 0.00	37.90 -1.13 0.00	31.23 -1.10 0.00	36.04 -1.22 0.00	32.53 -1.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	42.27 2.50 0.00	46.38 2.44 0.00	41.54 2.14 0.00	39.11 1.97 0.00	36.42 1.83 0.00	38.91 1.79 0.00	44.63 1.80 0.00	48.64 1.95 0.00	50.65 2.25 0.00	58.91 2.75 0.00	147.39 6.82 0.00	74.55 4.29 0.00	49.88 3.27 0.00	44.30 3.22 0.00	142.12 2.88 -99.80	68.66 3.38 -21.39	55.44 2.46 -17.96	53.91 2.29 -16.13	57.00 3.57 -1.82	62.42 3.44 -2.81	41.20 2.17 0.00	39.27 1.80 -5.13	40.66 1.97 -1.42	35.30 1.66 0.00
BETHLEHEM___GRP 23843	40.54 0.78 0.00	44.73 0.79 0.00	40.10 0.70 0.00	37.79 0.64 0.00	35.15 0.56 0.00	37.71 0.59 0.00	43.29 0.45 0.00	47.12 0.42 0.00	48.92 0.53 0.00	56.66 0.51 0.00	142.00 1.44 0.00	70.80 0.55 0.00	46.95 0.34 0.00	41.56 0.47 0.00	59.26 0.53 -19.29	48.64 0.64 -4.12	38.51 0.36 -3.13	38.85 0.29 -3.08	52.32 0.36 -0.34	56.92 0.25 -0.50	39.14 0.11 0.00	33.43 0.17 -0.92	37.60 0.08 -0.26	33.70 0.05 0.00
BETHLEHEM___GS1 323560	40.54 0.77 0.00	44.73 0.79 0.00	40.10 0.70 0.00	37.79 0.64 0.00	35.15 0.56 0.00	37.71 0.59 0.00	43.29 0.45 0.00	47.12 0.42 0.00	48.92 0.53 0.00	56.66 0.50 0.00	142.03 1.47 0.00	70.80 0.55 0.00	46.95 0.34 0.00	41.55 0.47 0.00	59.26 0.53 -19.29	48.64 0.64 -4.12	38.51 0.36 -3.13	38.85 0.29 -3.08	52.32 0.36 -0.34	56.92 0.25 -0.50	39.14 0.11 0.00	33.43 0.17 -0.92	37.60 0.08 -0.26	33.70 0.05 0.00
BETHLEHEM___GS2 323561	40.54 0.77 0.00	44.73 0.79 0.00	40.10 0.70 0.00	37.79 0.64 0.00	35.15 0.56 0.00	37.71 0.59 0.00	43.29 0.45 0.00	47.12 0.42 0.00	48.92 0.53 0.00	56.66 0.50 0.00	142.03 1.47 0.00	70.80 0.55 0.00	46.95 0.34 0.00	41.55 0.47 0.00	59.26 0.53 -19.29	48.64 0.64 -4.12	38.51 0.36 -3.13	38.85 0.29 -3.08	52.32 0.36 -0.34	56.92 0.25 -0.50	39.14 0.11 0.00	33.43 0.17 -0.92	37.60 0.08 -0.26	33.70 0.05 0.00
BETHLEHEM___GS3 323562	40.54 0.77 0.00	44.73 0.79 0.00	40.10 0.70 0.00	37.79 0.64 0.00	35.15 0.56 0.00	37.71 0.59 0.00	43.29 0.45 0.00	47.12 0.42 0.00	48.92 0.53 0.00	56.66 0.50 0.00	142.03 1.47 0.00	70.80 0.55 0.00	46.95 0.34 0.00	41.55 0.47 0.00	59.26 0.53 -19.29	48.64 0.64 -4.12	38.51 0.36 -3.13	38.85 0.29 -3.08	52.32 0.36 -0.34	56.92 0.25 -0.50	39.14 0.11 0.00	33.43 0.17 -0.92	37.60 0.08 -0.26	33.70 0.05 0.00
BETHLEHEM___STEEL 23779	37.23 -2.53 0.00	41.44 -2.50 0.00	37.01 -2.38 0.00	34.91 -2.24 0.00	32.68 -1.91 0.00	35.04 -2.08 0.00	40.06 -2.77 0.00	43.58 -3.12 0.00	44.36 -4.04 0.00	51.20 -4.96 0.00	128.32 -12.19 0.05	63.88 -6.18 0.19	41.99 -4.49 0.14	35.80 -4.46 0.82	33.99 -4.14 1.31	39.47 -4.42 0.00	31.81 -3.21 0.00	32.38 -3.11 0.00	46.34 -4.72 0.55	51.60 -4.57 0.00	36.42 -2.61 0.00	29.89 -2.45 0.00	34.70 -2.56 0.00	31.47 -2.18 0.00
BETHLHEM_115KV_TB1 79974	40.77 1.02 0.00	44.99 1.05 0.00	40.35 0.95 0.00	38.02 0.87 0.00	35.37 0.79 0.00	37.94 0.82 0.00	43.57 0.73 0.00	47.44 0.74 0.00	49.24 0.84 0.00	57.12 0.96 0.00	142.96 2.40 0.00	71.56 1.31 0.00	47.54 0.93 0.00	42.03 0.95 0.00	58.17 0.93 -17.80	48.74 0.94 -3.91	38.56 0.44 -3.10	38.91 0.37 -3.05	52.45 0.50 -0.34	57.06 0.39 -0.50	39.23 0.20 0.00	33.48 0.23 -0.91	37.69 0.18 -0.25	33.78 0.13 0.00
BETHPAGE_CC_5 323564	42.15 2.39 0.00	46.26 2.32 0.00	41.39 1.99 0.00	38.86 1.71 0.00	36.25 1.66 0.00	38.73 1.62 0.00	44.43 1.60 0.00	48.30 1.60 0.00	50.17 1.78 0.00	58.37 2.22 0.00	142.31 3.66 1.91	72.85 2.60 0.00	48.99 2.38 0.00	56.49 2.38 -13.02	189.31 2.55 -147.33	158.59 2.80 -111.89	92.81 2.25 -55.55	70.53 2.12 -32.92	56.62 3.20 -1.82	61.99 3.03 -2.80	40.89 1.86 0.00	38.85 1.41 -5.11	40.16 1.48 -1.42	34.78 1.14 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.28 -2.48 0.00	41.50 -2.44 0.00	37.06 -2.34 0.00	34.95 -2.20 0.00	32.72 -1.87 0.00	35.08 -2.04 0.00	40.13 -2.70 0.00	43.66 -3.04 0.00	44.46 -3.94 0.00	51.34 -4.82 0.00	128.69 -11.83 0.05	64.04 -6.02 0.19	42.12 -4.36 0.14	35.95 -4.35 0.78	34.17 -4.03 1.24	39.58 -4.31 0.00	31.89 -3.13 0.00	32.46 -3.02 0.00	46.45 -4.61 0.54	51.71 -4.46 0.00	36.50 -2.53 0.00	29.95 -2.39 0.00	34.75 -2.52 0.00	31.50 -2.14 0.00
BINGHAMTON___COGEN 23790	39.32 -0.44 0.00	43.49 -0.45 0.00	38.95 -0.45 0.00	36.72 -0.43 0.00	34.25 -0.34 0.00	36.73 -0.38 0.00	42.16 -0.68 0.00	46.00 -0.69 0.00	47.56 -0.84 0.00	55.16 -1.00 0.00	138.22 -2.33 0.02	69.17 -1.02 0.06	45.87 -0.69 0.06	40.37 -0.71 0.00	38.78 -0.66 0.00	43.17 -0.72 0.00	34.61 -0.40 0.00	34.99 -0.49 0.00	50.73 -0.75 0.13	56.37 -0.72 -0.92	38.61 -0.42 0.00	31.86 -0.48 0.00	36.76 -0.51 0.00	33.11 -0.54 0.00

BIXINCNT_115KV_LOAD 355685	37.30 -2.46 0.00	41.69 -2.25 0.00	37.28 -2.12 0.00	35.17 -1.98 0.00	32.92 -1.67 0.00	35.27 -1.85 0.00	40.39 -2.45 0.00	44.07 -2.63 0.00	44.97 -3.43 0.00	52.03 -4.12 0.00	130.52 -9.99 0.05	64.96 -5.12 0.18	42.73 -3.74 0.15	36.70 -3.83 0.55	34.93 -3.64 0.87	40.10 -3.79 0.00	32.15 -2.87 0.00	32.60 -2.88 0.00	46.50 -4.60 0.51	51.95 -4.22 0.00	36.62 -2.40 0.00	30.02 -2.32 0.00	34.78 -2.48 0.00	31.47 -2.17 0.00
BLACK RIVER___HYD 24047	40.56 0.80 0.00	45.59 1.65 0.00	41.02 1.63 0.00	38.58 1.43 0.00	35.70 1.11 0.00	38.60 1.49 0.00	44.57 1.74 0.00	48.53 1.84 0.00	50.52 2.12 0.00	58.77 2.62 0.00	147.28 6.72 0.00	73.56 3.31 0.00	48.29 1.67 0.00	42.21 1.13 0.00	39.81 0.37 0.00	44.18 0.29 0.00	35.61 0.60 0.00	36.16 0.68 0.00	53.45 1.76 -0.08	60.29 2.37 -1.76	40.56 1.53 0.00	33.35 1.02 0.00	38.37 1.11 0.00	34.33 0.68 0.00
BLACKRVR_115KV_TB2 79977	40.56 0.81 0.00	45.59 1.65 0.00	41.02 1.63 0.00	38.58 1.43 0.00	35.69 1.11 0.00	38.61 1.49 0.00	44.57 1.74 0.00	48.53 1.84 0.00	50.52 2.12 0.00	58.78 2.62 0.00	147.27 6.70 0.00	73.56 3.31 0.00	48.29 1.67 0.00	42.21 1.12 0.00	39.81 0.36 0.00	44.18 0.29 0.00	35.61 0.60 0.00	36.16 0.68 0.00	53.44 1.76 -0.08	60.29 2.37 -1.76	40.56 1.54 0.00	33.35 1.02 0.00	38.37 1.11 0.00	34.33 0.68 0.00
BLDWN_LI_69_KV_BK4 356085	42.47 2.70 0.00	46.55 2.61 0.00	41.62 2.23 0.00	39.09 1.94 0.00	36.45 1.86 0.00	38.94 1.82 0.00	44.69 1.86 0.00	48.62 1.93 0.00	50.53 2.14 0.00	58.82 2.66 0.00	142.04 4.69 3.21	73.44 3.19 0.00	49.39 2.77 0.00	58.46 2.79 -14.59	195.91 2.74 -153.73	168.28 3.03 -121.37	97.22 2.44 -59.76	72.78 2.36 -34.94	57.11 3.68 -1.82	62.54 3.57 -2.80	41.23 2.20 0.00	39.12 1.67 -5.11	40.44 1.76 -1.42	35.02 1.38 0.00
BLISS_WT_PWR 323608	37.25 -2.51 0.00	41.70 -2.24 0.00	37.29 -2.11 0.00	35.17 -1.98 0.00	32.94 -1.65 0.00	35.28 -1.84 0.00	40.41 -2.42 0.00	44.09 -2.60 0.00	45.00 -3.40 0.00	52.07 -4.09 0.00	130.86 -9.66 0.05	65.03 -5.04 0.18	42.76 -3.71 0.15	36.73 -3.80 0.55	34.95 -3.61 0.87	40.14 -3.76 0.00	32.13 -2.88 0.00	32.57 -2.91 0.00	46.40 -4.70 0.51	51.89 -4.28 0.00	36.55 -2.47 0.00	29.96 -2.38 0.00	34.72 -2.54 0.00	31.42 -2.23 0.00
BLUESTONE___WT_PWR 323821	38.83 -0.93 0.00	43.37 -0.57 0.00	39.64 0.24 0.00	38.21 1.06 0.00	35.64 1.06 0.00	38.30 1.18 0.00	44.02 1.18 0.00	48.11 1.42 0.00	49.76 1.36 0.00	57.89 1.73 0.00	145.08 4.53 0.01	71.97 1.77 0.05	47.75 1.10 -0.04	42.00 0.92 0.00	40.13 0.69 0.00	44.78 0.89 0.00	36.08 1.06 0.00	36.66 1.17 0.00	53.39 1.89 0.11	59.13 2.16 -0.80	40.53 1.50 0.00	33.42 1.08 0.00	38.47 1.21 0.00	34.56 0.92 0.00
BLUE_CIRC_CHEM_DRP 24182	40.93 1.17 0.00	45.17 1.23 0.00	40.51 1.11 0.00	38.18 1.04 0.00	35.53 0.94 0.00	38.12 1.01 0.00	43.78 0.95 0.00	47.66 0.96 0.00	49.40 1.00 0.00	57.20 1.04 0.00	143.31 2.75 0.00	71.71 1.46 0.00	47.61 1.00 0.00	42.08 1.00 0.00	56.43 0.91 -16.07	48.37 1.03 -3.45	38.42 0.75 -2.66	38.78 0.69 -2.60	52.89 0.99 -0.29	57.59 0.99 -0.43	39.66 0.63 0.00	33.69 0.57 -0.78	38.09 0.61 -0.22	34.16 0.52 0.00
BOC_GAS_DRP 24189	40.65 0.89 0.00	44.84 0.90 0.00	40.21 0.81 0.00	37.89 0.75 0.00	35.25 0.67 0.00	37.81 0.70 0.00	43.42 0.59 0.00	47.29 0.60 0.00	49.10 0.70 0.00	56.94 0.78 0.00	142.47 1.91 0.00	71.32 1.07 0.00	47.40 0.78 0.00	41.91 0.82 0.00	58.07 0.84 -17.80	48.64 0.92 -3.83	38.52 0.62 -2.88	38.93 0.54 -2.90	52.69 0.76 -0.32	57.31 0.67 -0.48	39.43 0.40 0.00	33.58 0.38 -0.87	37.89 0.39 -0.24	33.96 0.32 0.00
BOONVILLE_115KV_TB1 79983	40.52 0.76 0.00	45.04 1.10 0.00	40.45 1.06 0.00	38.10 0.95 0.00	35.42 0.83 0.00	38.09 0.97 0.00	43.93 1.10 0.00	47.89 1.19 0.00	49.73 1.33 0.00	57.78 1.63 0.00	144.72 4.16 0.00	72.28 2.02 0.00	47.79 1.18 0.00	42.00 0.92 0.00	40.13 0.69 0.00	44.49 0.60 0.00	35.54 0.52 0.00	36.14 0.66 0.00	52.93 1.30 -0.02	58.21 1.54 -0.51	40.00 0.98 0.00	33.01 0.68 0.00	38.03 0.77 0.00	34.19 0.55 0.00
BORALEX_4TH_BRANCH 23824	41.90 2.14 0.00	46.49 2.55 0.00	41.60 2.20 0.00	39.30 2.15 0.00	36.60 2.01 0.00	39.30 2.19 0.00	44.96 2.12 0.00	48.86 2.16 0.00	50.68 2.28 0.00	58.74 2.59 0.00	146.88 6.32 0.00	73.61 3.36 0.00	48.96 2.35 0.00	43.34 2.25 0.00	65.73 2.09 -24.19	51.30 2.23 -5.18	40.80 1.64 -4.15	41.00 1.61 -3.90	54.47 2.42 -0.44	59.32 2.52 -0.64	40.83 1.80 0.00	35.10 1.60 -1.17	39.41 1.83 -0.32	35.12 1.48 0.00
BOWLINE___1 23526	41.48 1.72 0.00	45.57 1.63 0.00	40.77 1.38 0.00	38.35 1.20 0.00	35.72 1.13 0.00	38.20 1.09 0.00	43.89 1.05 0.00	47.84 1.15 0.00	49.74 1.34 0.00	57.84 1.69 0.00	144.54 3.98 0.00	72.90 2.65 0.00	48.70 2.08 0.00	43.20 2.12 0.00	-102.56 2.15 144.15	15.48 2.47 30.87	13.63 1.86 23.24	13.91 1.72 23.29	51.44 2.48 2.64	54.31 2.34 4.20	40.46 1.43 0.00	25.80 1.13 7.66	36.36 1.23 2.13	34.60 0.96 0.00
BOWLINE___2 23595	41.47 1.71 0.00	45.55 1.61 0.00	40.75 1.36 0.00	38.34 1.19 0.00	35.70 1.12 0.00	38.19 1.07 0.00	43.88 1.04 0.00	47.82 1.13 0.00	49.73 1.34 0.00	57.82 1.66 0.00	144.48 3.91 0.00	72.87 2.62 0.00	48.67 2.06 0.00	43.18 2.10 0.00	-102.85 2.12 144.41	15.41 2.45 30.93	13.60 1.85 23.26	13.85 1.70 23.33	51.42 2.46 2.65	54.29 2.32 4.20	40.44 1.41 0.00	25.78 1.11 7.66	36.35 1.21 2.13	34.59 0.94 0.00
BRADY___115KV_TB2 356060	40.44 0.68 0.00	44.99 1.05 0.00	40.40 1.01 0.00	38.13 0.98 0.00	35.44 0.86 0.00	38.09 0.97 0.00	44.34 1.51 0.00	48.52 1.83 0.00	50.22 1.82 0.00	58.26 2.11 0.00	146.16 5.59 0.00	72.70 2.45 0.00	48.01 1.39 0.00	42.15 1.07 0.00	40.16 0.72 0.00	44.40 0.51 0.00	35.50 0.48 0.00	36.23 0.74 0.00	53.03 1.42 0.00	58.40 2.23 0.00	40.68 1.66 0.00	33.69 1.35 0.00	38.79 1.53 0.00	35.07 1.43 0.00
BRANSCOMB___SOLAR 323811	42.18 2.42 0.00	46.60 2.66 0.00	41.71 2.31 0.00	39.35 2.20 0.00	36.60 2.02 0.00	39.22 2.10 0.00	45.00 2.17 0.00	49.03 2.33 0.00	50.85 2.45 0.00	58.95 2.80 0.00	147.40 6.84 0.00	74.00 3.75 0.00	48.99 2.38 0.00	43.05 1.97 0.00	60.24 1.80 -19.00	49.84 1.89 -4.07	39.67 1.50 -3.15	40.05 1.51 -3.06	54.22 2.27 -0.34	59.13 2.46 -0.50	40.67 1.64 0.00	34.63 1.38 -0.91	39.09 1.57 -0.25	34.94 1.30 0.00
BRDGHMPT_69_KV_BK1 55812	41.70 1.94 0.00	45.63 1.69 0.00	40.82 1.42 0.00	38.28 1.13 0.00	35.72 1.14 0.00	38.17 1.05 0.00	43.81 0.97 0.00	47.68 0.99 0.00	49.67 1.27 0.00	57.85 1.70 0.00	141.53 2.87 1.90	72.28 2.03 0.00	48.82 2.21 0.00	54.49 2.27 -11.14	181.99 2.48 -140.07	145.58 2.65 -99.04	87.46 2.28 -50.16	68.43 2.45 -30.49	57.08 3.66 -1.82	62.40 3.44 -2.80	41.24 2.21 0.00	39.24 1.79 -5.11	40.24 1.56 -1.42	34.80 1.16 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	42.32 2.56 0.00	46.39 2.45 0.00	41.56 2.16 0.00	39.00 1.85 0.00	36.41 1.83 0.00	38.90 1.78 0.00	44.59 1.76 0.00	48.42 1.73 0.00	50.34 1.94 0.00	58.32 2.17 0.00	142.52 3.79 1.83	72.37 2.12 0.00	49.01 2.40 0.00	54.72 2.32 -11.32	182.68 2.45 -140.79	146.86 2.64 -100.33	87.91 2.19 -50.69	68.40 2.19 -30.73	57.01 3.58 -1.82	62.40 3.43 -2.80	41.25 2.22 0.00	39.18 1.73 -5.11	40.38 1.70 -1.42	35.00 1.36 0.00
BRISTLHL_115KV_TB1 79998	38.89 -0.87 0.00	42.89 -1.05 0.00	38.41 -0.98 0.00	36.22 -0.93 0.00	33.76 -0.82 0.00	36.23 -0.89 0.00	41.65 -1.18 0.00	45.38 -1.31 0.00	47.04 -1.36 0.00	54.58 -1.58 0.00	136.55 -4.06 -0.04	68.43 -1.99 -0.17	45.30 -1.36 -0.04	39.83 -1.25 0.00	38.21 -1.23 0.00	42.57 -1.32 0.00	34.06 -0.95 0.00	34.52 -0.96 0.00	50.77 -1.50 -0.65	58.70 -1.60 -4.14	37.95 -1.08 0.00	31.42 -0.91 0.00	36.24 -1.02 0.00	32.66 -0.98 0.00
BROOKHAVEN___DRP 24191	41.69 1.93 0.00	45.65 1.71 0.00	40.87 1.48 0.00	38.34 1.19 0.00	35.78 1.20 0.00	38.23 1.12 0.00	43.86 1.03 0.00	47.67 0.98 0.00	49.57 1.17 0.00	57.56 1.40 0.00	140.69 2.02 1.90	71.73 1.48 0.00	48.41 1.79 0.00	54.06 1.85 -11.13	181.65 2.16 -140.05	145.20 2.30 -99.01	87.13 1.97 -50.15	67.98 2.01 -30.49	56.50 3.07 -1.82	61.82 2.85 -2.80	40.76 1.73 0.00	38.77 1.32 -5.11	39.86 1.18 -1.42	34.53 0.88 0.00
BROOKLYN_NAVY_YARD 23515	31.95 2.12 9.93	45.95 2.02 0.02	41.08 1.70 0.02	38.66 1.52 0.02	35.99 1.42 0.02	38.49 1.38 0.01	44.19 1.36 0.00	48.19 1.49 0.00	50.17 1.78 0.00	58.38 2.23 0.00	146.99 5.28 -1.15	73.70 3.44 0.00	49.33 2.72 0.00	43.81 2.72 0.00	142.65 2.67 -100.54	68.24 2.94 -21.41	55.22 2.22 -17.98	53.68 2.05 -16.15	56.46 3.03 -1.82	61.90 2.92 -2.81	40.80 1.77 0.00	38.86 1.39 -5.14	40.21 1.52 -1.43	34.84 1.19 0.00
BROOKLYN___ARMY_DRP 323595	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.33 3.06 -21.39	55.18 2.21 -17.96	53.66 2.04 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
BROOME_2_LFGE 323671	39.32 -0.44 0.00	43.49 -0.45 0.00	38.95 -0.45 0.00	36.72 -0.43 0.00	34.25 -0.34 0.00	36.73 -0.38 0.00	42.15 -0.68 0.00	46.00 -0.69 0.00	47.56 -0.84 0.00	55.16 -1.00 0.00	138.25 -2.29 0.02	69.18 -1.02 0.06	45.87 -0.70 0.06	40.37 -0.71 0.00	38.77 -0.67 0.00	43.17 -0.72 0.00	34.61 -0.41 0.00	35.00 -0.49 0.00	50.73 -0.75 0.13	56.37 -0.72 -0.92	38.60 -0.43 0.00	31.86 -0.47 0.00	36.76 -0.51 0.00	33.11 -0.54 0.00
BROOME___LFGE 323600	39.32 -0.44 0.00	43.49 -0.45 0.00	38.95 -0.45 0.00	36.72 -0.43 0.00	34.25 -0.34 0.00	36.73 -0.38 0.00	42.15 -0.68 0.00	46.00 -0.69 0.00	47.56 -0.84 0.00	55.16 -1.00 0.00	138.25 -2.29 0.02	69.18 -1.02 0.06	45.87 -0.70 0.06	40.37 -0.71 0.00	38.77 -0.67 0.00	43.17 -0.72 0.00	34.61 -0.41 0.00	35.00 -0.49 0.00	50.73 -0.75 0.13	56.37 -0.72 -0.92	38.60 -0.43 0.00	31.86 -0.47 0.00	36.76 -0.51 0.00	33.11 -0.54 0.00
BROWNFLS_115KV_TB 3_5 80003	40.25 0.49 0.00	45.03 1.09 0.00	40.51 1.12 0.00	38.16 1.01 0.00	35.43 0.84 0.00	38.15 1.03 0.00	44.26 1.42 0.00	48.34 1.65 0.00	50.16 1.77 0.00	58.29 2.13 0.00	146.19 5.63 0.00	72.83 2.58 0.00	47.99 1.37 0.00	42.09 1.01 0.00	40.00 0.56 0.00	44.30 0.41 0.00	35.45 0.44 0.00	36.13 0.64 0.00	53.07 1.43 -0.03	58.88 1.99 -0.72	40.37 1.34 0.00	33.31 0.97 0.00	38.37 1.10 0.00	34.53 0.88 0.00
BROWNSV1_27_KV_LOAD 356125	42.44 2.68 0.00	46.57 2.63 0.00	41.62 2.23 0.00	39.15 2.01 0.00	36.45 1.87 0.00	38.97 1.85 0.00	44.74 1.91 0.00	48.78 2.08 0.00	50.79 2.39 0.00	59.13 2.97 0.00	147.80 7.23 0.00	74.67 4.42 0.00	49.99 3.38 0.00	44.39 3.31 0.00	142.57 3.24 -99.89	68.88 3.58 -21.41	55.72 2.72 -17.98	54.20 2.57 -16.15	57.18 3.75 -1.82	62.65 3.67 -2.81	41.34 2.31 0.00	39.30 1.83 -5.14	40.71 2.02 -1.43	35.28 1.64 0.00
BURROWS___LYONSDAL 23803	40.46 0.70 0.00	45.09 1.15 0.00	40.53 1.14 0.00	38.16 1.01 0.00	35.46 0.87 0.00	38.16 1.04 0.00	44.04 1.20 0.00	47.99 1.30 0.00	49.85 1.46 0.00	57.93 1.78 0.00	145.10 4.54 0.00	72.44 2.19 0.00	47.85 1.23 0.00	42.01 0.93 0.00	40.09 0.65 0.00	44.44 0.55 0.00	35.50 0.49 0.00	36.12 0.64 0.00	52.98 1.34 -0.03	58.40 1.62 -0.61	40.04 1.01 0.00	33.02 0.68 0.00	38.04 0.78 0.00	34.18 0.54 0.00
CAITHNESS_CC_1 323624	41.72 1.96 0.00	45.69 1.75 0.00	40.91 1.52 0.00	38.38 1.23 0.00	35.82 1.24 0.00	38.27 1.16 0.00	43.90 1.07 0.00	47.70 1.01 0.00	49.60 1.20 0.00	57.57 1.42 0.00	140.51 1.85 1.90	71.73 1.48 0.00	48.41 1.79 0.00	54.04 1.83 -11.13	181.61 2.14 -140.03	145.15 2.29 -98.98	87.10 1.94 -50.14	67.94 1.97 -30.48	56.45 3.03 -1.82	61.77 2.81 -2.80	40.74 1.71 0.00	38.76 1.31 -5.11	39.86 1.18 -1.42	34.54 0.90 0.00
CALPINE BETH_PAGE_GT4 24209	42.25 2.48 0.00	46.34 2.40 0.00	41.46 2.06 0.00	38.92 1.78 0.00	36.30 1.71 0.00	38.79 1.67 0.00	44.51 1.68 0.00	48.40 1.70 0.00	50.30 1.91 0.00	58.51 2.36 0.00	142.67 3.93 1.82	72.95 2.70 0.00	49.05 2.43 0.00	57.41 2.45 -13.88	192.69 2.61 -150.65	164.49 2.85 -117.75	95.29 2.28 -58.00	71.66 2.15 -34.02	56.66 3.24 -1.82	62.05 3.08 -2.80	40.91 1.89 0.00	38.88 1.43 -5.11	40.25 1.57 -1.42	34.86 1.21 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.25 2.48 0.00	46.34 2.40 0.00	41.46 2.06 0.00	38.92 1.78 0.00	36.30 1.71 0.00	38.79 1.67 0.00	44.51 1.68 0.00	48.40 1.70 0.00	50.30 1.90 0.00	58.52 2.36 0.00	142.51 3.77 1.82	72.94 2.69 0.00	49.04 2.42 0.00	57.39 2.44 -13.88	192.66 2.58 -150.65	164.49 2.85 -117.75	95.30 2.28 -58.00	71.66 2.15 -34.02	56.66 3.24 -1.82	62.05 3.08 -2.80	40.92 1.89 0.00	38.88 1.43 -5.11	40.24 1.56 -1.42	34.86 1.21 0.00
CALPINE_BP_GT1 23823	42.25 2.48 0.00	46.34 2.40 0.00	41.46 2.06 0.00	38.92 1.78 0.00	36.30 1.71 0.00	38.79 1.67 0.00	44.51 1.68 0.00	48.40 1.70 0.00	50.30 1.90 0.00	58.52 2.36 0.00	142.51 3.77 1.82	72.94 2.69 0.00	49.04 2.42 0.00	57.39 2.44 -13.88	192.66 2.58 -150.65	164.49 2.85 -117.75	95.30 2.28 -58.00	71.66 2.15 -34.02	56.66 3.24 -1.82	62.05 3.08 -2.80	40.92 1.89 0.00	38.88 1.43 -5.11	40.24 1.56 -1.42	34.86 1.21 0.00
CALSPAN___DRP 24200	37.23 -2.53 0.00	41.44 -2.50 0.00	37.01 -2.38 0.00	34.91 -2.24 0.00	32.68 -1.91 0.00	35.04 -2.08 0.00	40.06 -2.77 0.00	43.58 -3.12 0.00	44.36 -4.04 0.00	51.20 -4.96 0.00	128.32 -12.19 0.05	63.88 -6.18 0.19	41.99 -4.49 0.14	35.80 -4.46 0.82	33.99 -4.14 1.31	39.47 -4.42 0.00	31.81 -3.21 0.00	32.38 -3.11 0.00	46.34 -4.72 0.55	51.60 -4.57 0.00	36.42 -2.61 0.00	29.89 -2.45 0.00	34.70 -2.56 0.00	31.47 -2.18 0.00

CALVERTON___SOLAR 323806	41.69 1.93 0.00	45.64 1.70 0.00	40.85 1.45 0.00	38.32 1.17 0.00	35.76 1.18 0.00	38.22 1.10 0.00	43.83 1.00 0.00	47.65 0.96 0.00	49.57 1.17 0.00	57.58 1.43 0.00	140.58 1.91 1.90	71.75 1.49 0.00	48.43 1.81 0.00	54.09 1.87 -11.14	181.66 2.16 -140.05	145.25 2.34 -99.02	87.18 2.02 -50.15	68.06 2.09 -30.49	56.58 3.15 -1.82	61.90 2.94 -2.80	40.82 1.79 0.00	38.82 1.37 -5.11	39.90 1.21 -1.42	34.54 0.90 0.00
CANDIGU_WT_PWR 323617	38.11 -1.64 0.00	42.37 -1.57 0.00	37.94 -1.46 0.00	35.77 -1.38 0.00	33.47 -1.11 0.00	35.89 -1.22 0.00	41.06 -1.78 0.00	44.79 -1.90 0.00	45.95 -2.45 0.00	53.21 -2.95 0.00	133.23 -7.29 0.04	66.36 -3.75 0.14	43.66 -2.76 0.19	38.24 -2.96 -0.12	37.02 -2.62 -0.20	41.17 -2.72 0.00	33.19 -1.82 0.00	33.59 -1.90 0.00	48.40 -2.85 0.37	54.04 -2.68 -0.56	37.48 -1.55 0.00	30.83 -1.51 0.00	35.73 -1.53 0.00	32.20 -1.44 0.00
CARR STREET_E_SYR 24060	39.12 -0.64 0.00	43.14 -0.80 0.00	38.62 -0.78 0.00	36.42 -0.73 0.00	33.94 -0.64 0.00	36.42 -0.69 0.00	41.86 -0.97 0.00	45.62 -1.07 0.00	47.27 -1.13 0.00	54.83 -1.32 0.00	137.23 -3.31 0.03	68.51 -1.64 0.10	45.39 -1.20 0.02	39.96 -1.13 0.00	38.35 -1.09 0.00	42.73 -1.16 0.00	34.18 -0.83 0.00	34.64 -0.85 0.00	50.05 -1.33 0.23	56.00 -1.42 -1.25	38.09 -0.94 0.00	31.51 -0.82 0.00	36.36 -0.91 0.00	32.84 -0.80 0.00
CARTHAGE___PAPER 23857	40.67 0.91 0.00	45.66 1.72 0.00	41.10 1.70 0.00	38.67 1.52 0.00	35.80 1.22 0.00	38.68 1.57 0.00	44.73 1.90 0.00	48.74 2.05 0.00	50.70 2.30 0.00	58.97 2.81 0.00	147.74 7.18 0.00	73.71 3.46 0.00	48.45 1.84 0.00	42.40 1.32 0.00	40.05 0.61 0.00	44.36 0.47 0.00	35.71 0.70 0.00	36.33 0.84 0.00	53.63 1.95 -0.06	60.22 2.58 -1.48	40.69 1.66 0.00	33.48 1.15 0.00	38.55 1.29 0.00	34.53 0.88 0.00
CASSADAGA_WT_PWR 323784	38.04 -1.72 0.00	42.37 -1.58 0.00	37.78 -1.62 0.00	35.59 -1.55 0.00	33.33 -1.26 0.00	35.74 -1.38 0.00	40.89 -1.94 0.00	44.61 -2.09 0.00	45.57 -2.82 0.00	52.70 -3.46 0.00	132.42 -8.09 0.05	65.87 -4.20 0.18	43.19 -3.28 0.15	37.06 -3.40 0.62	35.08 -3.39 0.98	40.18 -3.71 0.00	32.41 -2.60 0.00	32.80 -2.68 0.00	46.92 -4.17 0.52	52.68 -3.48 0.00	36.95 -2.07 0.00	30.21 -2.13 0.00	35.07 -2.20 0.00	31.80 -1.85 0.00
CE_DUNWOOD___DRP 24194	41.80 2.04 0.00	45.91 1.97 0.00	41.05 1.65 0.00	38.62 1.47 0.00	35.96 1.37 0.00	38.46 1.34 0.00	44.17 1.34 0.00	48.14 1.45 0.00	50.09 1.70 0.00	58.26 2.11 0.00	145.52 4.95 0.00	73.39 3.14 0.00	49.09 2.48 0.00	43.57 2.49 0.00	147.19 2.48 -105.27	69.25 2.79 -22.57	55.82 2.12 -18.69	54.49 1.98 -17.02	56.40 2.87 -1.92	61.83 2.75 -2.91	40.73 1.70 0.00	38.99 1.34 -5.31	40.20 1.46 -1.47	34.80 1.16 0.00
CE_MILLWOOD___DRP 24193	41.71 1.95 0.00	45.81 1.87 0.00	40.96 1.57 0.00	38.53 1.38 0.00	35.89 1.30 0.00	38.38 1.27 0.00	44.09 1.26 0.00	48.06 1.36 0.00	49.99 1.59 0.00	58.12 1.97 0.00	145.21 4.65 0.00	73.22 2.97 0.00	48.96 2.35 0.00	43.45 2.37 0.00	447.25 2.37 -405.44	134.61 2.68 -88.04	80.86 2.03 -43.81	103.80 1.90 -66.42	60.93 2.76 -6.57	61.75 2.61 -2.97	40.63 1.60 0.00	39.03 1.27 -5.43	40.15 1.38 -1.51	34.74 1.09 0.00
CE_NYC2_DRP 24202	41.94 2.18 0.00	46.07 2.13 0.00	41.24 1.84 0.00	38.81 1.66 0.00	36.13 1.55 0.00	38.62 1.50 0.00	44.35 1.52 0.00	48.34 1.64 0.00	50.35 1.96 0.00	58.54 2.39 0.00	146.32 5.76 0.00	73.96 3.71 0.00	49.50 2.89 0.00	43.95 2.87 0.00	141.90 2.66 -99.80	68.41 3.13 -21.39	55.28 2.30 -17.96	53.77 2.16 -16.13	56.69 3.26 -1.82	62.00 3.02 -2.81	40.91 1.89 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	34.99 1.35 0.00
CE_NYC_DRP 24195	42.09 2.33 0.00	46.20 2.26 0.00	41.31 1.91 0.00	38.86 1.71 0.00	36.20 1.61 0.00	38.68 1.57 0.00	44.41 1.58 0.00	48.42 1.73 0.00	50.41 2.02 0.00	58.67 2.51 0.00	146.52 5.96 0.00	74.02 3.77 0.00	49.55 2.93 0.00	44.00 2.92 0.00	142.20 2.84 -99.92	68.44 3.14 -21.41	55.38 2.38 -17.98	53.86 2.22 -16.15	56.69 3.26 -1.82	62.11 3.13 -2.81	40.98 1.95 0.00	39.01 1.54 -5.14	40.38 1.69 -1.43	35.00 1.36 0.00
CHAFFEE___LFGE 323603	37.25 -2.51 0.00	41.45 -2.49 0.00	37.01 -2.39 0.00	34.89 -2.26 0.00	32.67 -1.92 0.00	35.02 -2.10 0.00	40.06 -2.77 0.00	43.60 -3.10 0.00	44.41 -3.99 0.00	51.28 -4.87 0.00	128.78 -11.74 0.05	63.98 -6.09 0.19	42.05 -4.42 0.14	36.01 -4.38 0.69	34.32 -4.03 1.09	39.57 -4.32 0.00	31.90 -3.12 0.00	32.49 -3.00 0.00	46.51 -4.57 0.53	51.75 -4.41 0.00	36.48 -2.55 0.00	29.94 -2.39 0.00	34.74 -2.53 0.00	31.48 -2.16 0.00
CHATEAUG_35_KV_LOAD 355732	39.02 -0.75 0.00	44.26 0.32 0.00	39.93 0.53 0.00	38.02 0.87 0.00	35.32 0.73 0.00	37.84 0.73 0.00	43.99 1.16 0.00	48.20 1.51 0.00	49.75 1.36 0.00	58.07 1.92 0.00	146.46 5.90 0.00	73.12 2.87 0.00	48.27 1.65 0.00	42.36 1.27 0.00	40.22 0.78 0.00	44.42 0.53 0.00	35.28 0.26 0.00	35.78 0.30 0.00	52.50 0.89 0.00	57.72 1.56 0.00	40.08 1.05 0.00	33.16 0.83 0.00	38.20 0.93 0.00	34.56 0.91 0.00
CHATEAUG_WT_PWR 323614	38.92 -0.84 0.00	44.19 0.25 0.00	39.89 0.49 0.00	38.00 0.85 0.00	35.31 0.72 0.00	37.82 0.71 0.00	43.95 1.12 0.00	48.13 1.44 0.00	49.69 1.29 0.00	57.98 1.83 0.00	146.30 5.73 0.00	72.99 2.74 0.00	48.22 1.60 0.00	42.28 1.20 0.00	40.16 0.72 0.00	44.41 0.52 0.00	35.26 0.25 0.00	35.73 0.25 0.00	52.37 0.77 0.00	57.53 1.37 0.00	39.96 0.93 0.00	33.06 0.72 0.00	38.09 0.83 0.00	34.45 0.81 0.00
CHAT_HIGH_FALL_HYD 323578	39.02 -0.75 0.00	44.26 0.32 0.00	39.93 0.53 0.00	38.02 0.87 0.00	35.32 0.73 0.00	37.84 0.73 0.00	43.99 1.16 0.00	48.20 1.51 0.00	49.75 1.36 0.00	58.07 1.92 0.00	146.46 5.90 0.00	73.12 2.87 0.00	48.27 1.65 0.00	42.36 1.27 0.00	40.22 0.78 0.00	44.42 0.53 0.00	35.28 0.26 0.00	35.78 0.30 0.00	52.50 0.89 0.00	57.72 1.56 0.00	40.08 1.05 0.00	33.16 0.83 0.00	38.20 0.93 0.00	34.56 0.91 0.00
CHAUTAUQUA___LFGE 323629	37.71 -2.05 0.00	42.01 -1.93 0.00	37.46 -1.94 0.00	35.29 -1.86 0.00	33.07 -1.51 0.00	35.45 -1.67 0.00	40.54 -2.29 0.00	44.18 -2.51 0.00	45.09 -3.31 0.00	52.08 -4.08 0.00	130.80 -9.72 0.05	65.09 -4.98 0.19	42.79 -3.69 0.14	36.62 -3.72 0.74	34.71 -3.55 1.18	39.96 -3.93 0.00	32.26 -2.76 0.00	32.67 -2.82 0.00	46.84 -4.24 0.53	52.32 -3.84 0.00	36.77 -2.26 0.00	30.11 -2.22 0.00	34.97 -2.29 0.00	31.68 -1.97 0.00
CHERRYST_13_KV_LD 356241	42.22 2.46 0.00	46.33 2.39 0.00	41.42 2.03 0.00	38.98 1.83 0.00	36.30 1.71 0.00	38.80 1.68 0.00	44.54 1.71 0.00	48.57 1.88 0.00	50.58 2.19 0.00	58.85 2.70 0.00	147.03 6.47 0.00	74.29 4.04 0.00	49.73 3.11 0.00	44.16 3.08 0.00	142.34 2.98 -99.92	68.61 3.30 -21.41	55.51 2.51 -17.98	54.00 2.37 -16.15	56.87 3.44 -1.82	62.31 3.33 -2.81	41.11 2.08 0.00	39.11 1.64 -5.14	40.50 1.81 -1.43	35.10 1.45 0.00

CHESTROR_138KV_BK263 355645	41.19 1.43 0.00	45.29 1.35 0.00	40.53 1.14 0.00	38.15 1.00 0.00	35.52 0.93 0.00	38.02 0.90 0.00	43.69 0.86 0.00	47.62 0.93 0.00	49.47 1.08 0.00	57.52 1.36 0.00	143.75 3.19 0.00	72.40 2.15 0.00	48.31 1.70 0.00	42.81 1.73 0.00	-74.57 1.77 115.78	21.05 2.00 24.84	18.66 1.51 17.87	18.16 1.41 18.74	51.53 2.02 2.10	54.99 1.92 3.09	40.20 1.17 0.00	27.61 0.92 5.65	36.69 0.99 1.57	34.41 0.77 0.00
CH_MIDHUDSON___DRP 24192	41.69 1.94 0.00	45.83 1.89 0.00	40.97 1.57 0.00	38.56 1.41 0.00	35.89 1.30 0.00	38.42 1.31 0.00	44.14 1.31 0.00	48.13 1.44 0.00	50.09 1.69 0.00	58.23 2.08 0.00	145.43 4.86 0.00	73.25 3.00 0.00	48.98 2.36 0.00	43.46 2.38 0.00	66.17 2.35 -24.38	51.74 2.63 -5.23	42.22 2.02 -5.19	41.31 1.88 -3.94	54.74 2.69 -0.44	59.40 2.58 -0.65	40.63 1.60 0.00	34.80 1.28 -1.19	38.99 1.40 -0.33	34.74 1.10 0.00
CH_MISC_IPPS 23765	41.87 2.11 0.00	46.01 2.07 0.00	41.13 1.73 0.00	38.71 1.56 0.00	36.02 1.44 0.00	38.57 1.45 0.00	44.32 1.49 0.00	48.33 1.64 0.00	50.28 1.89 0.00	58.48 2.33 0.00	146.15 5.59 0.00	73.64 3.39 0.00	49.25 2.63 0.00	43.70 2.62 0.00	42.00 2.56 0.00	46.75 2.85 0.00	38.99 2.22 -1.75	37.56 2.08 0.00	54.57 2.96 0.00	59.05 2.89 0.00	40.85 1.82 0.00	33.77 1.44 0.00	38.84 1.58 0.00	34.90 1.26 0.00
CH_RES_BVR_FALLS 23983	39.59 -0.17 0.00	43.94 0.00 0.00	39.47 0.07 0.00	37.22 0.07 0.00	34.62 0.04 0.00	37.19 0.07 0.00	42.94 0.11 0.00	46.78 0.09 0.00	48.50 0.10 0.00	56.25 0.09 0.00	140.84 0.28 0.00	70.40 0.15 0.00	46.66 0.04 0.00	41.11 0.03 0.00	39.48 0.04 0.00	43.93 0.04 0.00	35.02 0.00 0.00	35.52 0.04 0.00	51.66 0.05 0.00	56.26 0.09 0.00	39.06 0.03 0.00	32.37 0.03 0.00	37.28 0.02 0.00	33.64 0.00 0.00
CH_RES_NIAGARA 23895	36.22 -3.54 0.00	40.35 -3.59 0.00	36.04 -3.35 0.00	34.02 -3.13 0.00	31.81 -2.78 0.00	34.14 -2.97 0.00	39.01 -3.82 0.00	42.31 -4.38 0.00	42.94 -5.46 0.00	49.51 -6.64 0.00	124.01 -16.50 0.05	61.68 -8.37 0.20	40.54 -5.95 0.13	34.69 -5.73 0.67	33.07 -5.31 1.06	38.18 -5.71 0.00	30.75 -4.27 0.00	31.42 -4.06 0.00	44.90 -6.13 0.58	49.94 -6.23 0.00	35.34 -3.69 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
CH_RES_SYRACUSE 23985	39.35 -0.41 0.00	43.40 -0.54 0.00	38.83 -0.57 0.00	36.63 -0.52 0.00	34.14 -0.45 0.00	36.64 -0.48 0.00	42.10 -0.73 0.00	45.90 -0.80 0.00	47.55 -0.99 0.00	55.17 -0.99 0.00	138.10 -2.46 0.00	69.04 -1.21 0.00	45.75 -0.87 0.00	40.25 -0.84 0.00	38.66 -0.78 0.00	43.09 -0.80 0.00	34.49 -0.52 0.00	34.94 -0.54 0.00	50.83 -0.87 -0.10	57.53 -0.92 -2.28	38.43 -0.60 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.03 -0.61 0.00
CLINTON_WT_PWR 323605	38.92 -0.84 0.00	44.19 0.25 0.00	39.89 0.49 0.00	38.00 0.85 0.00	35.31 0.72 0.00	37.82 0.71 0.00	43.95 1.12 0.00	48.13 1.44 0.00	49.69 1.29 0.00	57.98 1.83 0.00	146.30 5.73 0.00	72.99 2.74 0.00	48.22 1.60 0.00	42.28 1.20 0.00	40.16 0.72 0.00	44.41 0.52 0.00	35.26 0.25 0.00	35.73 0.25 0.00	52.37 0.77 0.00	57.53 1.37 0.00	39.96 0.93 0.00	33.06 0.72 0.00	38.09 0.83 0.00	34.45 0.81 0.00
CLINTON___LFGE 323618	39.26 -0.50 0.00	44.66 0.72 0.00	40.42 1.02 0.00	38.61 1.46 0.00	35.89 1.30 0.00	38.45 1.33 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.54 2.15 0.00	59.00 2.85 0.00	149.07 8.51 0.00	74.53 4.28 0.00	49.19 2.57 0.00	42.99 1.90 0.00	40.74 1.29 0.00	44.97 1.08 0.00	35.61 0.59 0.00	35.91 0.43 0.00	52.78 1.17 0.00	58.23 2.06 0.00	40.57 1.54 0.00	33.54 1.20 0.00	38.62 1.35 0.00	34.90 1.25 0.00
COBBLENY_34_KV_TB1 80064	37.25 -2.51 0.00	41.45 -2.50 0.00	37.00 -2.39 0.00	34.89 -2.26 0.00	32.66 -1.93 0.00	35.02 -2.10 0.00	40.06 -2.77 0.00	43.59 -3.10 0.00	44.40 -3.99 0.00	51.29 -4.87 0.00	128.56 -11.95 0.05	63.96 -6.10 0.19	42.06 -4.41 0.14	36.00 -4.39 0.69	34.28 -4.07 1.09	39.54 -4.35 0.00	31.88 -3.14 0.00	32.46 -3.02 0.00	46.49 -4.59 0.53	51.73 -4.44 0.00	36.50 -2.53 0.00	29.94 -2.39 0.00	34.74 -2.52 0.00	31.48 -2.16 0.00
COFFEEN___115KV_TB3 355620	40.83 1.07 0.00	45.83 1.89 0.00	41.22 1.82 0.00	38.75 1.60 0.00	35.86 1.28 0.00	38.79 1.67 0.00	44.78 1.95 0.00	48.78 2.09 0.00	50.78 2.39 0.00	59.12 2.96 0.00	148.22 7.66 0.00	74.06 3.81 0.00	48.60 1.98 0.00	42.40 1.32 0.00	39.87 0.43 0.00	44.23 0.34 0.00	35.74 0.72 0.00	36.26 0.78 0.00	53.69 2.00 -0.08	60.70 2.73 -1.81	40.83 1.81 0.00	33.58 1.24 0.00	38.61 1.35 0.00	34.52 0.87 0.00
COLDSPRG_115KV_BK1 355956	38.10 -1.65 0.00	42.40 -1.54 0.00	37.85 -1.55 0.00	35.68 -1.47 0.00	33.42 -1.17 0.00	35.80 -1.32 0.00	40.97 -1.86 0.00	44.77 -1.93 0.00	45.75 -2.64 0.00	53.00 -3.16 0.00	133.08 -7.44 0.05	66.25 -3.82 0.18	43.55 -2.91 0.15	37.61 -3.06 0.42	35.81 -2.97 0.66	40.73 -3.16 0.00	32.87 -2.15 0.00	33.28 -2.20 0.00	47.70 -3.41 0.50	53.27 -2.90 0.00	37.43 -1.60 0.00	30.62 -1.71 0.00	35.47 -1.79 0.00	32.06 -1.58 0.00
COLONIE_LFGE___ 323577	41.46 1.70 0.00	45.81 1.87 0.00	41.04 1.65 0.00	38.72 1.57 0.00	36.01 1.43 0.00	38.63 1.51 0.00	44.31 1.48 0.00	48.21 1.52 0.00	50.03 1.63 0.00	58.04 1.89 0.00	145.22 4.66 0.00	72.76 2.51 0.00	48.29 1.68 0.00	42.65 1.56 0.00	61.29 1.47 -20.37	49.85 1.59 -4.36	39.61 1.19 -3.41	39.91 1.15 -3.28	53.69 1.71 -0.37	58.46 1.75 -0.54	40.21 1.18 0.00	34.35 1.04 -0.98	38.68 1.15 -0.27	34.58 0.93 0.00
COOPERNY_115KV_TB1 80082	40.69 0.93 0.00	44.80 0.86 0.00	40.13 0.73 0.00	37.78 0.63 0.00	35.18 0.60 0.00	37.68 0.56 0.00	43.33 0.50 0.00	47.22 0.53 0.00	49.03 0.64 0.00	56.95 0.79 0.00	142.43 1.86 0.00	71.64 1.38 0.00	47.73 1.12 0.00	42.20 1.11 0.00	-24.30 1.16 64.89	31.26 1.29 13.92	26.04 0.99 9.96	25.88 0.90 10.50	51.72 1.28 1.17	55.63 1.19 1.72	39.74 0.71 0.00	29.77 0.57 3.14	37.01 0.62 0.87	34.10 0.46 0.00
COPENHAGEN_WT_PWR 323753	40.12 0.36 0.00	45.26 1.32 0.00	40.78 1.38 0.00	38.35 1.20 0.00	35.46 0.87 0.00	38.38 1.26 0.00	44.29 1.46 0.00	48.16 1.47 0.00	50.14 1.74 0.00	58.33 2.18 0.00	146.17 5.60 0.00	73.00 2.75 0.00	47.92 1.30 0.00	41.90 0.82 0.00	39.61 0.17 0.00	44.00 0.10 0.00	35.42 0.40 0.00	35.93 0.44 0.00	53.05 1.36 -0.08	59.92 1.86 -1.89	40.17 1.14 0.00	33.03 0.70 0.00	38.00 0.74 0.00	33.97 0.33 0.00
CORNELL_____ 23752	39.91 0.16 0.00	44.06 0.12 0.00	39.43 0.04 0.00	37.20 0.05 0.00	34.68 0.09 0.00	37.22 0.10 0.00	42.76 -0.07 0.00	46.69 0.00 0.00	48.32 -0.08 0.00	56.03 -0.12 0.00	140.41 -0.14 0.02	70.27 0.08 0.06	46.95 -0.08 -0.41	41.02 -0.30 -0.24	39.46 -0.36 -0.38	43.63 -0.26 0.00	35.04 0.03 0.00	35.44 -0.04 0.00	51.47 -0.02 0.12	57.67 0.24 -1.26	39.26 0.24 0.00	32.41 0.07 0.00	37.35 0.09 0.00	33.61 -0.03 0.00

CORONA__69_KV_TB1 355595	42.53 2.76 -0.01	46.61 2.67 0.00	41.67 2.28 0.00	39.14 1.99 0.00	36.49 1.91 0.00	38.99 1.88 0.00	44.76 1.93 0.00	48.70 2.01 0.00	50.63 2.23 0.00	58.92 2.76 0.00	148.31 5.47 -2.27	73.88 3.63 0.00	49.64 3.02 -0.01	64.03 2.95 -19.99	217.84 3.02 -175.38	207.83 3.31 -160.63	113.30 2.57 -75.72	79.87 2.48 -41.91	57.16 3.73 -1.82	62.60 3.63 -2.80	41.28 2.25 0.00	39.17 1.72 -5.11	40.50 1.82 -1.42	35.08 1.44 0.00
CORTLAND__115KV_TB3 80093	39.73 -0.03 0.00	43.87 -0.07 0.00	39.27 -0.13 0.00	37.03 -0.12 0.00	34.51 -0.07 0.00	37.04 -0.08 0.00	42.57 -0.26 0.00	46.45 -0.25 0.00	48.09 -0.30 0.00	55.78 -0.38 0.00	139.78 -0.77 0.02	69.90 -0.30 0.06	46.45 -0.27 -0.10	40.73 -0.35 0.00	39.08 -0.36 0.00	43.55 -0.34 0.00	34.89 -0.13 0.00	35.29 -0.19 0.00	51.25 -0.26 0.10	57.31 -0.16 -1.31	38.96 -0.07 0.00	32.19 -0.15 0.00	37.10 -0.17 0.00	33.40 -0.24 0.00
COXSACKIE__GT 23611	42.20 2.44 0.00	46.53 2.59 0.00	41.66 2.26 0.00	39.25 2.10 0.00	36.46 1.87 0.00	39.21 2.09 0.00	45.05 2.22 0.00	49.17 2.48 0.00	51.04 2.64 0.00	58.76 2.60 0.00	147.80 7.24 0.00	73.87 3.62 0.00	49.12 2.50 0.00	43.73 2.65 0.00	41.42 1.81 -0.17	45.71 1.82 0.00	37.63 1.62 -1.00	37.26 1.77 0.00	54.26 2.62 -0.03	59.36 2.93 -0.27	41.05 2.02 0.00	34.47 1.64 -0.49	39.13 1.73 -0.14	35.09 1.45 0.00
CPV_VALLEY__CC1 323721	40.86 1.10 0.00	44.94 1.00 0.00	40.25 0.85 0.00	37.87 0.72 0.00	35.26 0.67 0.00	37.75 0.63 0.00	43.38 0.55 0.00	47.28 0.59 0.00	49.13 0.74 0.00	57.11 0.95 0.00	142.77 2.21 0.00	71.90 1.65 0.00	47.95 1.34 0.00	42.45 1.37 0.00	-50.55 1.45 91.44	25.91 1.64 19.62	22.14 1.21 14.08	21.78 1.10 14.80	51.52 1.57 1.65	55.18 1.43 2.42	39.87 0.85 0.00	28.57 0.66 4.42	36.74 0.70 1.23	34.17 0.52 0.00
CPV_VALLEY__CC2 323722	40.86 1.10 0.00	44.94 1.00 0.00	40.25 0.85 0.00	37.87 0.72 0.00	35.26 0.67 0.00	37.75 0.63 0.00	43.38 0.55 0.00	47.28 0.59 0.00	49.13 0.74 0.00	57.11 0.95 0.00	142.77 2.21 0.00	71.90 1.65 0.00	47.95 1.34 0.00	42.45 1.37 0.00	-50.55 1.45 91.44	25.91 1.64 19.62	22.14 1.21 14.08	21.78 1.10 14.80	51.52 1.57 1.65	55.18 1.43 2.42	39.87 0.85 0.00	28.57 0.66 4.42	36.74 0.70 1.23	34.17 0.52 0.00
CRESCENT__HYD 24018	41.46 1.70 0.00	45.81 1.87 0.00	41.04 1.65 0.00	38.72 1.57 0.00	36.01 1.43 0.00	38.63 1.51 0.00	44.31 1.48 0.00	48.21 1.52 0.00	50.03 1.63 0.00	58.04 1.89 0.00	145.22 4.66 0.00	72.76 2.51 0.00	48.29 1.68 0.00	42.65 1.56 0.00	61.29 1.47 -20.37	49.85 1.59 -4.36	39.61 1.19 -3.41	39.91 1.15 -3.28	53.69 1.71 -0.37	58.46 1.75 -0.54	40.21 1.18 0.00	34.35 1.04 -0.98	38.68 1.15 -0.27	34.58 0.93 0.00
CRICKET__VALLEY_CC1 323756	41.26 1.50 0.00	45.36 1.41 0.00	40.53 1.13 0.00	38.16 1.01 0.00	35.52 0.93 0.00	38.03 0.91 0.00	43.68 0.85 0.00	47.63 0.94 0.00	49.60 1.20 0.00	57.59 1.44 0.00	143.78 3.22 0.00	72.40 2.15 0.00	48.43 1.81 0.00	43.00 1.91 0.00	103.07 1.89 -61.74	59.32 2.19 -13.24	48.26 1.68 -11.56	47.03 1.56 -9.99	54.93 2.21 -1.12	59.77 1.97 -1.64	40.20 1.18 0.00	36.26 0.94 -2.99	39.09 1.00 -0.83	34.36 0.72 0.00
CRICKET__VALLEY_CC2 323757	41.26 1.50 0.00	45.36 1.41 0.00	40.53 1.13 0.00	38.16 1.01 0.00	35.52 0.93 0.00	38.03 0.91 0.00	43.68 0.85 0.00	47.63 0.94 0.00	49.60 1.20 0.00	57.59 1.44 0.00	143.78 3.22 0.00	72.40 2.15 0.00	48.43 1.81 0.00	43.00 1.91 0.00	103.07 1.89 -61.74	59.32 2.19 -13.24	48.26 1.68 -11.56	47.03 1.56 -9.99	54.93 2.21 -1.12	59.77 1.97 -1.64	40.20 1.18 0.00	36.26 0.94 -2.99	39.09 1.00 -0.83	34.36 0.72 0.00
CRICKET__VALLEY_CC3 323758	41.26 1.50 0.00	45.36 1.41 0.00	40.53 1.13 0.00	38.16 1.01 0.00	35.52 0.93 0.00	38.03 0.91 0.00	43.68 0.85 0.00	47.63 0.94 0.00	49.60 1.20 0.00	57.59 1.44 0.00	143.78 3.22 0.00	72.40 2.15 0.00	48.43 1.81 0.00	43.00 1.91 0.00	103.07 1.89 -61.74	59.32 2.19 -13.24	48.26 1.68 -11.56	47.03 1.56 -9.99	54.93 2.21 -1.12	59.77 1.97 -1.64	40.20 1.18 0.00	36.26 0.94 -2.99	39.09 1.00 -0.83	34.36 0.72 0.00
CRUCIBLE__METL_DRP 24180	39.35 -0.41 0.00	43.40 -0.54 0.00	38.83 -0.57 0.00	36.63 -0.52 0.00	34.14 -0.45 0.00	36.64 -0.48 0.00	42.09 -0.74 0.00	45.90 -0.80 0.00	47.55 -0.84 0.00	55.17 -0.99 0.00	138.07 -2.50 0.00	69.04 -1.21 0.00	45.75 -0.87 0.00	40.25 -0.84 0.00	38.66 -0.78 0.00	43.09 -0.80 0.00	34.49 -0.53 0.00	34.94 -0.54 0.00	50.83 -0.88 -0.10	57.52 -0.92 -2.28	38.43 -0.60 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.61 0.00
DAHOWA__HYDRO 323763	42.47 2.71 0.00	46.93 2.98 0.00	41.97 2.57 0.00	39.62 2.47 0.00	36.85 2.27 0.00	39.46 2.34 0.00	45.28 2.45 0.00	49.34 2.65 0.00	51.20 2.81 0.00	59.36 3.21 0.00	148.37 7.81 0.00	74.49 4.24 0.00	49.28 2.66 0.00	43.23 2.15 0.00	60.12 1.95 -18.73	49.93 2.03 -4.01	39.76 1.64 -3.10	40.15 1.65 -3.02	54.43 2.49 -0.34	59.40 2.74 -0.49	40.85 1.82 0.00	34.76 1.52 -0.90	39.24 1.73 -0.25	35.08 1.43 0.00
DANC__LFGE 323619	39.68 -0.08 0.00	44.38 0.44 0.00	39.90 0.50 0.00	37.55 0.40 0.00	34.83 0.24 0.00	37.57 0.46 0.00	43.30 0.47 0.00	47.13 0.44 0.00	48.99 0.60 0.00	56.95 0.79 0.00	142.65 2.07 -0.01	71.31 1.02 -0.05	46.95 0.32 -0.01	41.13 0.05 0.00	39.07 -0.37 0.00	43.44 -0.45 0.00	34.90 -0.11 0.00	35.40 -0.08 0.00	52.09 0.25 -0.23	59.05 0.52 -2.37	39.32 0.29 0.00	32.43 0.09 0.00	37.37 0.11 0.00	33.50 -0.14 0.00
DANSKAMMER__1 23586	41.87 2.11 0.00	46.01 2.07 0.00	41.13 1.73 0.00	38.71 1.56 0.00	36.02 1.44 0.00	38.57 1.45 0.00	44.32 1.49 0.00	48.33 1.64 0.00	50.28 1.89 0.00	58.48 2.33 0.00	146.15 5.59 0.00	73.64 3.39 0.00	49.25 2.63 0.00	43.70 2.62 0.00	42.00 2.56 0.00	46.75 2.85 0.00	38.99 2.22 -1.75	37.56 2.08 0.00	54.57 2.96 0.00	59.05 2.89 0.00	40.85 1.82 0.00	33.77 1.44 0.00	38.84 1.58 0.00	34.90 1.26 0.00
DANSKAMMER__2 23589	41.87 2.11 0.00	46.01 2.07 0.00	41.13 1.73 0.00	38.71 1.56 0.00	36.02 1.44 0.00	38.57 1.45 0.00	44.32 1.49 0.00	48.33 1.64 0.00	50.28 1.89 0.00	58.48 2.33 0.00	146.15 5.59 0.00	73.64 3.39 0.00	49.25 2.63 0.00	43.70 2.62 0.00	42.00 2.56 0.00	46.75 2.85 0.00	38.99 2.22 -1.75	37.56 2.08 0.00	54.57 2.96 0.00	59.05 2.89 0.00	40.85 1.82 0.00	33.77 1.44 0.00	38.84 1.58 0.00	34.90 1.26 0.00
DANSKAMMER__3 23590	41.87 2.11 0.00	46.01 2.07 0.00	41.13 1.73 0.00	38.71 1.56 0.00	36.02 1.44 0.00	38.57 1.45 0.00	44.32 1.49 0.00	48.33 1.64 0.00	50.28 1.89 0.00	58.48 2.33 0.00	146.15 5.59 0.00	73.64 3.39 0.00	49.25 2.63 0.00	43.70 2.62 0.00	42.00 2.56 0.00	46.75 2.85 0.00	38.99 2.22 -1.75	37.56 2.08 0.00	54.57 2.96 0.00	59.05 2.89 0.00	40.85 1.82 0.00	33.77 1.44 0.00	38.84 1.58 0.00	34.90 1.26 0.00

DANSKAMMER___4 23591	41.87 2.11 0.00	46.01 2.07 0.00	41.13 1.73 0.00	38.71 1.56 0.00	36.02 1.44 0.00	38.57 1.45 0.00	44.32 1.49 0.00	48.33 1.64 0.00	50.28 1.89 0.00	58.48 2.33 0.00	146.15 5.59 0.00	73.64 3.39 0.00	49.25 2.63 0.00	43.70 2.62 0.00	42.00 2.56 0.00	46.75 2.85 0.00	38.99 2.22 -1.75	37.56 2.08 0.00	54.57 2.96 0.00	59.05 2.89 0.00	40.85 1.82 0.00	33.77 1.44 0.00	38.84 1.58 0.00	34.90 1.26 0.00
DANSKAMMER___DIESEL 23592	41.87 2.11 0.00	46.01 2.07 0.00	41.13 1.74 0.00	38.71 1.56 0.00	36.02 1.44 0.00	38.57 1.45 0.00	44.32 1.49 0.00	48.33 1.64 0.00	50.28 1.89 0.00	58.49 2.33 0.00	146.15 5.58 0.00	73.64 3.39 0.00	49.25 2.63 0.00	43.70 2.62 0.00	42.00 2.56 0.00	46.75 2.86 0.00	38.99 2.22 -1.75	37.56 2.08 0.00	54.57 2.96 0.00	59.05 2.89 0.00	40.85 1.82 0.00	33.77 1.44 0.00	38.84 1.58 0.00	34.90 1.26 0.00
DARBY___SOLAR 323810	42.21 2.45 0.00	46.64 2.70 0.00	41.72 2.32 0.00	39.37 2.22 0.00	36.63 2.05 0.00	39.23 2.11 0.00	45.02 2.19 0.00	49.04 2.35 0.00	50.88 2.48 0.00	58.99 2.84 0.00	147.48 6.92 0.00	74.03 3.78 0.00	49.00 2.39 0.00	43.03 1.95 0.00	60.19 1.76 -18.99	49.80 1.84 -4.07	39.63 1.46 -3.15	40.02 1.48 -3.06	54.18 2.23 -0.34	59.11 2.45 -0.50	40.64 1.62 0.00	34.62 1.36 -0.91	39.06 1.55 -0.25	34.92 1.28 0.00
DASHVILLE___HYD 23610	41.34 1.59 0.00	45.45 1.51 0.00	40.68 1.28 0.00	38.28 1.13 0.00	35.62 1.03 0.00	38.16 1.04 0.00	43.82 0.99 0.00	47.79 1.09 0.00	49.70 1.30 0.00	57.80 1.65 0.00	144.44 3.88 0.00	72.68 2.43 0.00	48.50 1.88 0.00	43.03 1.95 0.00	41.17 1.93 0.20	46.01 2.12 0.00	36.65 1.63 0.00	37.00 1.52 0.00	53.72 2.15 0.04	57.86 2.02 0.32	40.28 1.25 0.00	32.75 1.00 0.59	38.19 1.09 0.16	34.52 0.87 0.00
DELAWARE___LFGE 323621	40.36 0.60 0.00	44.55 0.61 0.00	40.00 0.60 0.00	37.72 0.57 0.00	35.11 0.52 0.00	37.69 0.58 0.00	43.30 0.47 0.00	47.24 0.55 0.00	48.98 0.59 0.00	56.90 0.74 0.00	142.40 1.85 0.01	71.34 1.12 0.04	47.44 0.82 0.01	41.85 0.77 0.00	40.00 0.73 0.17	44.74 0.85 0.00	34.95 0.70 0.77	36.13 0.65 0.00	52.46 0.96 0.11	57.30 0.96 -0.18	39.66 0.63 0.00	32.33 0.48 0.49	37.65 0.52 0.14	34.04 0.39 0.00
DERFIELD_115KV_TB7 355931	39.92 0.16 0.00	44.12 0.17 0.00	39.56 0.16 0.00	37.30 0.14 0.00	34.72 0.13 0.00	37.26 0.15 0.00	42.89 0.06 0.00	46.74 0.05 0.00	48.48 0.08 0.00	56.24 0.09 0.00	140.74 0.18 0.00	70.40 0.16 0.00	46.76 0.14 0.00	41.24 0.16 0.00	39.60 0.16 0.00	44.05 0.16 0.00	35.12 0.11 0.00	35.55 0.07 0.00	51.73 0.12 0.00	56.22 0.05 0.00	39.07 0.04 0.00	32.37 0.03 0.00	37.28 0.02 0.00	33.62 -0.02 0.00
DOGLEVILLE___HYD 23807	41.14 1.38 0.00	45.58 1.64 0.00	40.80 1.40 0.00	38.54 1.39 0.00	35.87 1.29 0.00	38.57 1.45 0.00	44.14 1.31 0.00	48.06 1.36 0.00	49.98 1.58 0.00	58.01 1.86 0.00	145.31 4.75 0.00	72.88 2.63 0.00	48.39 1.77 0.00	42.61 1.52 0.00	40.88 1.44 0.00	45.27 1.38 0.00	35.78 0.76 0.00	36.30 0.82 0.00	53.14 1.53 0.00	57.81 1.64 0.00	40.11 1.08 0.00	33.32 0.98 0.00	38.29 1.03 0.00	34.37 0.73 0.00
DUNKIRK__115KV_TB_200 55889	37.65 -2.11 0.00	41.94 -2.00 0.00	37.40 -2.00 0.00	35.25 -1.90 0.00	33.02 -1.57 0.00	35.39 -1.73 0.00	40.48 -2.36 0.00	44.11 -2.58 0.00	45.01 -3.39 0.00	51.98 -4.17 0.00	130.36 -10.15 0.05	64.96 -5.10 0.19	42.72 -3.75 0.14	36.55 -3.78 0.75	34.64 -3.60 1.20	39.93 -3.96 0.00	32.23 -2.79 0.00	32.65 -2.83 0.00	46.81 -4.27 0.53	52.25 -3.91 0.00	36.76 -2.27 0.00	30.10 -2.24 0.00	34.94 -2.32 0.00	31.65 -1.99 0.00
DUNKIRK___1 23563	37.65 -2.11 0.00	41.94 -2.00 0.00	37.40 -2.00 0.00	35.25 -1.90 0.00	33.02 -1.57 0.00	35.39 -1.73 0.00	40.48 -2.36 0.00	44.11 -2.58 0.00	45.01 -3.39 0.00	51.98 -4.17 0.00	130.36 -10.15 0.05	64.96 -5.10 0.19	42.72 -3.75 0.14	36.55 -3.78 0.75	34.64 -3.60 1.20	39.93 -3.96 0.00	32.23 -2.79 0.00	32.65 -2.83 0.00	46.81 -4.27 0.53	52.25 -3.91 0.00	36.76 -2.27 0.00	30.10 -2.24 0.00	34.94 -2.32 0.00	31.65 -1.99 0.00
DUNKIRK___2 23564	37.65 -2.11 0.00	41.94 -2.00 0.00	37.40 -2.00 0.00	35.25 -1.90 0.00	33.02 -1.57 0.00	35.39 -1.73 0.00	40.48 -2.36 0.00	44.11 -2.58 0.00	45.01 -3.39 0.00	51.98 -4.17 0.00	130.36 -10.15 0.05	64.96 -5.10 0.19	42.72 -3.75 0.14	36.55 -3.78 0.75	34.64 -3.60 1.20	39.93 -3.96 0.00	32.23 -2.79 0.00	32.65 -2.83 0.00	46.81 -4.27 0.53	52.25 -3.91 0.00	36.76 -2.27 0.00	30.10 -2.24 0.00	34.94 -2.32 0.00	31.65 -1.99 0.00
DUNKIRK___3 23565	37.47 -2.29 0.00	41.72 -2.22 0.00	37.22 -2.18 0.00	35.09 -2.06 0.00	32.87 -1.72 0.00	35.23 -1.89 0.00	40.29 -2.55 0.00	43.88 -2.81 0.00	44.75 -3.64 0.00	51.70 -4.45 0.00	129.66 -10.86 0.05	64.61 -5.45 0.19	42.50 -3.98 0.14	36.30 -3.98 0.81	34.42 -3.74 1.28	39.81 -4.08 0.00	32.12 -2.90 0.00	32.58 -2.91 0.00	46.67 -4.41 0.53	52.03 -4.13 0.00	36.64 -2.39 0.00	30.01 -2.32 0.00	34.84 -2.43 0.00	31.55 -2.09 0.00
DUNKIRK___4 23566	37.47 -2.29 0.00	41.72 -2.22 0.00	37.22 -2.18 0.00	35.09 -2.06 0.00	32.87 -1.72 0.00	35.23 -1.89 0.00	40.29 -2.55 0.00	43.88 -2.81 0.00	44.75 -3.64 0.00	51.70 -4.45 0.00	129.66 -10.86 0.05	64.61 -5.45 0.19	42.50 -3.98 0.14	36.30 -3.98 0.81	34.42 -3.74 1.28	39.81 -4.08 0.00	32.12 -2.90 0.00	32.58 -2.91 0.00	46.67 -4.41 0.53	52.03 -4.13 0.00	36.64 -2.39 0.00	30.01 -2.32 0.00	34.84 -2.43 0.00	31.55 -2.09 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.91 2.15 0.00	45.99 2.05 0.00	41.12 1.73 0.00	38.69 1.54 0.00	36.03 1.44 0.00	38.53 1.41 0.00	44.25 1.42 0.00	48.23 1.54 0.00	50.19 1.79 0.00	58.37 2.22 0.00	145.78 5.21 0.00	73.54 3.29 0.00	49.20 2.59 0.00	43.68 2.60 0.00	141.88 2.58 -99.85	68.17 2.88 -21.40	55.18 2.20 -17.97	53.68 2.06 -16.14	56.44 3.01 -1.82	61.85 2.88 -2.81	40.81 1.78 0.00	38.88 1.41 -5.13	40.22 1.53 -1.42	34.86 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	41.47 1.71 0.00	45.58 1.64 0.00	40.78 1.38 0.00	38.37 1.22 0.00	35.72 1.14 0.00	38.23 1.11 0.00	43.93 1.10 0.00	47.91 1.21 0.00	49.80 1.41 0.00	57.92 1.77 0.00	144.75 4.19 0.00	72.93 2.68 0.00	48.71 2.10 0.00	43.19 2.11 0.00	-0.87 2.10 42.41	37.15 2.36 9.10	30.94 1.82 5.90	30.32 1.70 6.86	53.27 2.43 0.77	57.37 2.33 1.12	40.47 1.45 0.00	31.43 1.14 2.05	37.94 1.24 0.57	34.62 0.97 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.77 2.01 0.00	45.97 2.03 0.00	41.16 1.76 0.00	38.73 1.59 0.00	36.06 1.47 0.00	38.57 1.45 0.00	44.32 1.49 0.00	48.31 1.61 0.00	50.33 1.94 0.00	58.48 2.32 0.00	146.31 5.75 0.00	73.90 3.65 0.00	49.44 2.82 0.00	43.88 2.80 0.00	141.85 2.61 -99.80	68.46 3.18 -21.39	55.26 2.28 -17.96	53.78 2.16 -16.13	56.73 3.30 -1.82	61.98 3.00 -2.81	40.89 1.86 0.00	38.98 1.52 -5.13	40.35 1.66 -1.42	34.97 1.32 0.00

E179THST_13_KV_LOAD 356214	41.97 2.22 0.00	46.20 2.26 0.00	41.36 1.96 0.00	38.91 1.77 0.00	36.22 1.64 0.00	38.75 1.63 0.00	44.53 1.70 0.00	48.54 1.85 0.00	50.57 2.18 0.00	58.78 2.62 0.00	147.10 6.54 0.00	74.30 4.05 0.00	49.70 3.08 0.00	44.12 3.03 0.00	142.09 2.85 -99.80	68.71 3.43 -21.39	55.47 2.49 -17.96	53.99 2.37 -16.13	57.03 3.60 -1.82	62.31 3.33 -2.81	41.11 2.08 0.00	39.15 1.68 -5.13	40.54 1.85 -1.42	35.14 1.50 0.00
EAST HAMPTON___GT 23717	41.19 1.42 0.00	45.04 1.11 0.00	40.29 0.89 0.00	37.79 0.64 0.00	35.24 0.66 0.00	37.68 0.56 0.00	43.27 0.44 0.00	47.13 0.43 0.00	49.13 0.73 0.00	57.27 1.11 0.00	139.90 1.24 1.90	71.65 1.40 0.00	48.37 1.75 0.00	54.11 1.89 -11.14	181.45 1.94 -140.07	144.97 2.04 -99.04	86.97 1.79 -50.16	68.11 2.14 -30.49	56.63 3.20 -1.82	61.88 2.92 -2.80	41.02 1.99 0.00	39.24 1.79 -5.11	40.12 1.44 -1.42	34.66 1.02 0.00
EAST RIVER___6 23660	42.15 2.39 0.00	46.27 2.33 0.00	41.37 1.97 0.00	38.92 1.77 0.00	36.24 1.66 0.00	38.73 1.62 0.00	44.47 1.64 0.00	48.50 1.81 0.00	50.50 2.11 0.00	58.76 2.60 0.00	146.74 6.18 0.00	74.20 3.94 0.00	49.69 3.08 0.00	44.12 3.04 0.00	142.27 2.91 -99.92	68.58 3.27 -21.41	55.49 2.50 -17.98	53.97 2.33 -16.15	56.79 3.36 -1.82	62.19 3.21 -2.81	41.06 2.04 0.00	39.09 1.61 -5.14	40.47 1.78 -1.43	35.06 1.42 0.00
EAST RIVER___7 23524	42.15 2.39 0.00	46.27 2.33 0.00	41.37 1.97 0.00	38.92 1.77 0.00	36.24 1.66 0.00	38.73 1.62 0.00	44.47 1.64 0.00	48.50 1.81 0.00	50.50 2.11 0.00	58.76 2.60 0.00	146.74 6.18 0.00	74.20 3.94 0.00	49.69 3.08 0.00	44.12 3.04 0.00	142.27 2.91 -99.92	68.58 3.27 -21.41	55.49 2.50 -17.98	53.97 2.33 -16.15	56.79 3.36 -1.82	62.19 3.21 -2.81	41.06 2.04 0.00	39.09 1.61 -5.14	40.47 1.78 -1.43	35.06 1.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.80 2.04 0.00	45.91 1.97 0.00	41.05 1.65 0.00	38.62 1.47 0.00	35.96 1.37 0.00	38.46 1.34 0.00	44.17 1.34 0.00	48.14 1.45 0.00	50.09 1.70 0.00	58.26 2.11 0.00	145.52 4.95 0.00	73.39 3.14 0.00	49.09 2.48 0.00	43.57 2.49 0.00	147.19 2.48 -105.27	69.25 2.79 -22.57	55.82 2.12 -18.69	54.49 1.98 -17.02	56.40 2.87 -1.92	61.83 2.75 -2.91	40.73 1.70 0.00	38.99 1.34 -5.31	40.20 1.46 -1.47	34.80 1.16 0.00
EAST_HAMPTON___DIESEL 23722	41.06 1.30 0.00	44.90 0.96 0.00	40.17 0.77 0.00	37.67 0.52 0.00	35.14 0.55 0.00	37.56 0.45 0.00	43.14 0.31 0.00	46.98 0.28 0.00	48.97 0.58 0.00	57.10 0.94 0.00	139.46 0.80 1.90	71.44 1.19 0.00	48.22 1.60 0.00	53.98 1.76 -11.14	181.34 1.83 -140.07	144.83 1.90 -99.04	86.87 1.69 -50.16	67.99 2.02 -30.49	56.46 3.04 -1.82	61.69 2.73 -2.80	40.92 1.89 0.00	39.18 1.73 -5.11	40.03 1.35 -1.42	34.59 0.95 0.00
EAST_POINT___SOLAR 323840	41.33 1.57 0.00	45.62 1.68 0.00	40.95 1.55 0.00	38.57 1.42 0.00	35.89 1.31 0.00	38.62 1.50 0.00	44.64 1.81 0.00	48.71 2.02 0.00	50.48 2.09 0.00	58.65 2.50 0.00	146.91 6.35 0.00	73.60 3.35 0.00	48.48 1.86 0.00	42.51 1.43 0.00	40.93 1.27 -0.22	44.87 0.98 0.00	36.91 0.81 -1.09	36.45 0.97 0.00	53.96 2.31 -0.04	59.28 2.77 -0.35	40.96 1.93 0.00	34.49 1.52 -0.64	39.11 1.67 -0.18	35.06 1.42 0.00
EAST_PULASKI___ESR 323781	39.29 -0.47 0.00	43.54 -0.40 0.00	39.05 -0.35 0.00	36.79 -0.36 0.00	34.22 -0.37 0.00	36.81 -0.31 0.00	42.35 -0.48 0.00	46.15 -0.54 0.00	47.89 -0.50 0.00	55.60 -0.55 0.00	139.17 -1.42 -0.03	69.71 -0.67 -0.12	46.04 -0.60 -0.03	40.41 -0.67 0.00	38.57 -0.88 0.00	42.94 -0.95 0.00	34.43 -0.59 0.00	34.90 -0.58 0.00	51.31 -0.80 -0.50	58.89 -0.76 -3.48	38.52 -0.50 0.00	31.87 -0.47 0.00	36.76 -0.51 0.00	33.04 -0.60 0.00
EAST_RIVER___1 323558	42.09 2.33 0.00	46.20 2.25 0.00	41.31 1.91 0.00	38.86 1.71 0.00	36.19 1.61 0.00	38.68 1.57 0.00	44.41 1.58 0.00	48.42 1.73 0.00	50.41 2.02 0.00	58.67 2.51 0.00	146.53 5.97 0.00	74.02 3.77 0.00	49.55 2.93 0.00	43.99 2.91 0.00	142.19 2.83 -99.92	68.44 3.14 -21.41	55.38 2.38 -17.98	53.86 2.23 -16.15	56.68 3.25 -1.82	62.10 3.12 -2.81	40.98 1.95 0.00	39.01 1.54 -5.14	40.38 1.70 -1.43	35.00 1.36 0.00
EAST_RIVER___2 323559	42.15 2.39 0.00	46.27 2.33 0.00	41.37 1.97 0.00	38.92 1.77 0.00	36.24 1.66 0.00	38.73 1.62 0.00	44.47 1.64 0.00	48.50 1.81 0.00	50.50 2.11 0.00	58.76 2.60 0.00	146.74 6.18 0.00	74.20 3.94 0.00	49.69 3.08 0.00	44.12 3.04 0.00	142.27 2.91 -99.92	68.58 3.27 -21.41	55.49 2.50 -17.98	53.97 2.33 -16.15	56.79 3.36 -1.82	62.19 3.21 -2.81	41.06 2.04 0.00	39.09 1.61 -5.14	40.47 1.78 -1.43	35.06 1.42 0.00
EAST___DELAWARE_HYD 23607	40.78 1.02 0.00	44.81 0.87 0.00	40.09 0.69 0.00	37.71 0.56 0.00	35.12 0.53 0.00	37.61 0.49 0.00	43.25 0.42 0.00	47.16 0.47 0.00	49.02 0.62 0.00	56.99 0.83 0.00	142.68 2.12 0.00	71.87 1.62 0.00	47.76 1.15 0.00	41.57 0.49 0.00	2.33 0.38 37.49	36.21 0.36 8.04	30.00 0.34 5.36	29.66 0.24 6.07	51.28 0.35 0.68	55.29 0.11 0.99	39.07 0.04 0.00	31.21 0.69 1.81	37.48 0.73 0.50	34.14 0.49 0.00
EIGHT_POINT___WT_PWR 323820	38.29 -1.47 0.00	42.56 -1.38 0.00	38.16 -1.24 0.00	36.01 -1.14 0.00	33.76 -0.83 0.00	36.20 -0.92 0.00	41.36 -1.48 0.00	45.04 -1.65 0.00	46.22 -2.17 0.00	53.68 -2.48 0.00	134.35 -6.17 0.04	66.68 -3.43 0.14	43.49 -2.88 0.25	40.29 -3.18 -2.39	40.57 -2.66 -3.79	41.17 -2.73 0.00	33.32 -1.70 0.00	33.55 -1.94 0.00	48.43 -2.79 0.38	54.15 -2.58 -0.56	37.63 -1.40 0.00	31.01 -1.33 0.00	36.04 -1.22 0.00	32.41 -1.24 0.00
ELBRIDGE_115KV_TB2 80188	39.14 -0.62 0.00	43.17 -0.77 0.00	38.61 -0.79 0.00	36.45 -0.70 0.00	33.94 -0.64 0.00	36.42 -0.70 0.00	41.84 -0.99 0.00	45.62 -1.07 0.00	47.25 -1.15 0.00	54.79 -1.37 0.00	137.15 -3.41 0.00	68.57 -1.68 0.00	45.45 -1.17 0.00	40.00 -1.09 0.00	38.44 -1.00 0.00	42.85 -1.04 0.00	34.30 -0.72 0.00	34.74 -0.75 0.00	50.53 -1.18 -0.10	57.35 -1.22 -2.41	38.23 -0.80 0.00	31.59 -0.74 0.00	36.43 -0.83 0.00	32.83 -0.81 0.00
ELEC_TRO_TEK 24086	42.18 2.42 -0.01	46.26 2.32 0.00	41.37 1.98 0.00	38.87 1.72 0.00	36.24 1.66 0.00	38.73 1.62 0.00	44.46 1.63 0.00	48.37 1.68 0.00	50.29 1.90 0.00	58.51 2.35 0.00	144.86 4.55 0.24	73.33 3.08 0.00	49.26 2.63 -0.01	63.38 2.59 -19.71	215.21 2.70 -173.07	205.43 2.95 -158.59	112.21 2.30 -74.90	79.22 2.19 -41.55	56.69 3.27 -1.82	62.09 3.12 -2.80	40.95 1.92 0.00	38.92 1.47 -5.11	40.22 1.54 -1.42	34.85 1.21 0.00
ELLENBURG_WT_PWR 323604	38.92 -0.84 0.00	44.19 0.25 0.00	39.89 0.49 0.00	38.00 0.85 0.00	35.31 0.72 0.00	37.82 0.71 0.00	43.95 1.12 0.00	48.13 1.44 0.00	49.69 1.29 0.00	57.98 1.83 0.00	146.30 5.73 0.00	72.99 2.74 0.00	48.22 1.60 0.00	42.28 1.20 0.00	40.16 0.72 0.00	44.41 0.52 0.00	35.26 0.25 0.00	35.73 0.25 0.00	52.37 0.77 0.00	57.53 1.37 0.00	39.96 0.93 0.00	33.06 0.72 0.00	38.09 0.83 0.00	34.45 0.81 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.09 -2.67 0.00	41.29 -2.65 0.00	36.87 -2.53 0.00	34.79 -2.36 0.00	32.54 -2.04 0.00	34.90 -2.21 0.00	39.92 -2.91 0.00	43.39 -3.30 0.00	44.16 -4.24 0.00	50.96 -5.19 0.00	127.69 -12.82 0.05	63.55 -6.50 0.20	41.77 -4.71 0.14	35.57 -4.65 0.87	33.75 -4.32 1.38	39.28 -4.61 0.00	31.64 -3.38 0.00	32.24 -3.24 0.00	46.13 -4.92 0.56	51.37 -4.80 0.00	36.25 -2.77 0.00	29.76 -2.57 0.00	34.55 -2.71 0.00	31.36 -2.28 0.00
EMPIRE_CC_1 323656	40.71 0.95 0.00	44.96 1.02 0.00	40.33 0.93 0.00	38.04 0.89 0.00	35.40 0.82 0.00	37.96 0.85 0.00	43.54 0.71 0.00	47.34 0.65 0.00	49.14 0.75 0.00	57.02 0.86 0.00	142.56 2.00 0.00	71.42 1.17 0.00	47.46 0.84 0.00	41.99 0.91 0.00	67.14 0.94 -26.76	50.61 0.99 -5.74	40.24 0.63 -4.60	40.37 0.57 -4.32	52.91 0.82 -0.48	57.60 0.73 -0.71	39.50 0.47 0.00	34.10 0.47 -1.29	38.09 0.47 -0.36	34.08 0.44 0.00
EMPIRE_CC_2 323658	40.71 0.95 0.00	44.96 1.02 0.00	40.33 0.93 0.00	38.04 0.89 0.00	35.40 0.82 0.00	37.96 0.85 0.00	43.54 0.71 0.00	47.34 0.65 0.00	49.14 0.75 0.00	57.02 0.86 0.00	142.56 2.00 0.00	71.42 1.17 0.00	47.46 0.84 0.00	41.99 0.91 0.00	67.14 0.94 -26.76	50.61 0.99 -5.74	40.24 0.63 -4.60	40.37 0.57 -4.32	52.91 0.82 -0.48	57.60 0.73 -0.71	39.50 0.47 0.00	34.10 0.47 -1.29	38.09 0.47 -0.36	34.08 0.44 0.00
ENORWICH_115KV_TB1 80156	40.63 0.86 0.00	45.07 1.13 0.00	40.54 1.14 0.00	38.56 1.41 0.00	36.03 1.45 0.00	38.79 1.68 0.00	44.61 1.78 0.00	48.79 2.10 0.00	50.51 2.11 0.00	58.70 2.55 0.00	147.10 6.55 0.01	73.52 3.32 0.05	48.82 2.08 -0.12	42.78 1.59 -0.11	40.69 1.08 -0.18	45.26 1.38 0.00	36.53 1.51 0.00	37.07 1.58 0.00	54.08 2.58 0.11	60.17 3.05 -0.95	41.14 2.11 0.00	33.88 1.55 0.00	39.00 1.74 0.00	35.00 1.36 0.00
ERIE_ST__34_KV_TB1-2 80199	37.28 -2.48 0.00	41.48 -2.46 0.00	37.04 -2.36 0.00	34.92 -2.23 0.00	32.68 -1.91 0.00	35.04 -2.08 0.00	40.08 -2.75 0.00	43.63 -3.06 0.00	44.48 -3.92 0.00	51.37 -4.78 0.00	128.86 -11.65 0.05	64.14 -5.92 0.19	42.17 -4.31 0.14	36.07 -4.28 0.74	34.29 -3.98 1.17	39.66 -4.24 0.00	31.95 -3.07 0.00	32.54 -2.94 0.00	46.58 -4.49 0.54	51.86 -4.30 0.00	36.57 -2.46 0.00	30.00 -2.33 0.00	34.78 -2.48 0.00	31.52 -2.13 0.00
ERIE_WT_PWR 323693	37.23 -2.53 0.00	41.45 -2.50 0.00	37.01 -2.38 0.00	34.92 -2.23 0.00	32.71 -1.88 0.00	35.04 -2.08 0.00	40.08 -2.75 0.00	43.60 -3.09 0.00	44.38 -4.02 0.00	51.25 -4.91 0.00	128.64 -11.87 0.05	63.92 -6.14 0.19	42.02 -4.46 0.14	35.83 -4.43 0.82	34.04 -4.09 1.31	39.51 -4.39 0.00	31.82 -3.19 0.00	32.36 -3.12 0.00	46.31 -4.74 0.55	51.61 -4.56 0.00	36.41 -2.61 0.00	29.89 -2.45 0.00	34.71 -2.56 0.00	31.47 -2.18 0.00
ESPRGFLD_115KV_TB1 80157	40.18 0.41 0.00	44.37 0.43 0.00	39.89 0.49 0.00	37.64 0.49 0.00	35.06 0.47 0.00	37.72 0.60 0.00	43.58 0.74 0.00	47.63 0.94 0.00	49.33 0.94 0.00	57.30 1.14 0.00	143.39 2.83 0.00	71.81 1.56 0.00	47.62 1.00 0.00	41.84 0.75 0.00	40.06 0.62 0.00	44.54 0.65 0.00	35.65 0.64 0.00	36.21 0.72 0.00	52.95 1.34 0.00	57.69 1.53 0.00	40.10 1.07 0.00	33.14 0.80 0.00	38.14 0.88 0.00	34.39 0.75 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.85 0.09 0.00	44.00 0.06 0.00	39.37 -0.03 0.00	37.16 0.01 0.00	34.64 0.05 0.00	37.17 0.06 0.00	42.70 -0.13 0.00	46.61 -0.08 0.00	48.24 -0.16 0.00	55.96 -0.20 0.00	140.22 -0.33 0.02	70.15 -0.05 0.06	46.81 -0.14 -0.33	40.96 -0.32 -0.20	39.38 -0.37 -0.31	43.59 -0.30 0.00	35.00 -0.02 0.00	35.39 -0.09 0.00	51.42 -0.08 0.10	57.59 0.13 -1.30	39.19 0.16 0.00	32.35 0.01 0.00	37.28 0.02 0.00	33.55 -0.09 0.00
ETNA____115KV_TB2 80207	39.85 0.09 0.00	44.00 0.06 0.00	39.37 -0.03 0.00	37.16 0.01 0.00	34.64 0.05 0.00	37.17 0.06 0.00	42.70 -0.13 0.00	46.61 -0.08 0.00	48.24 -0.16 0.00	55.96 -0.20 0.00	140.22 -0.33 0.02	70.15 -0.05 0.06	46.81 -0.14 -0.33	40.96 -0.32 -0.20	39.38 -0.37 -0.31	43.59 -0.30 0.00	35.00 -0.02 0.00	35.39 -0.09 0.00	51.42 -0.08 0.10	57.59 0.13 -1.30	39.19 0.16 0.00	32.35 0.01 0.00	37.28 0.02 0.00	33.55 -0.09 0.00
EUCLID____115KV_TB2 356179	38.96 -0.80 0.00	42.97 -0.97 0.00	38.48 -0.92 0.00	36.28 -0.87 0.00	33.82 -0.77 0.00	36.30 -0.82 0.00	41.71 -1.12 0.00	45.45 -1.24 0.00	47.10 -1.30 0.00	54.62 -1.54 0.00	136.68 -3.85 0.03	68.21 -1.91 0.13	45.28 -1.31 0.03	39.87 -1.21 0.00	38.28 -1.16 0.00	42.64 -1.25 0.00	34.10 -0.92 0.00	34.56 -0.92 0.00	49.86 -1.43 0.32	55.69 -1.54 -1.07	38.00 -1.03 0.00	31.45 -0.88 0.00	36.28 -0.98 0.00	32.73 -0.92 0.00
E_CANADA_CAP_HY 24051	40.53 0.77 0.00	44.79 0.84 0.00	40.27 0.88 0.00	37.96 0.81 0.00	35.34 0.75 0.00	38.03 0.91 0.00	44.01 1.18 0.00	48.09 1.40 0.00	49.78 1.38 0.00	57.82 1.66 0.00	144.72 4.16 0.00	72.40 2.15 0.00	47.90 1.28 0.00	42.03 0.94 0.00	40.46 0.83 -0.19	44.61 0.72 0.00	36.52 0.57 -0.93	36.20 0.71 0.00	53.16 1.52 -0.03	58.27 1.81 -0.30	40.31 1.28 0.00	33.94 1.06 -0.54	38.58 1.17 -0.15	34.68 1.03 0.00
E_CANADA_MHWK_HY 24050	41.14 1.38 0.00	45.58 1.64 0.00	40.80 1.40 0.00	38.54 1.39 0.00	35.87 1.29 0.00	38.57 1.45 0.00	44.14 1.31 0.00	48.06 1.36 0.00	49.98 1.58 0.00	58.01 1.85 0.00	145.34 4.78 0.00	72.88 2.63 0.00	48.39 1.77 0.00	42.61 1.52 0.00	40.89 1.45 0.00	45.27 1.38 0.00	35.78 0.76 0.00	36.30 0.82 0.00	53.13 1.53 0.00	57.81 1.65 0.00	40.11 1.08 0.00	33.32 0.98 0.00	38.29 1.03 0.00	34.37 0.73 0.00
E_FISHKILL___LBMP 23776	41.58 1.82 0.00	45.70 1.76 0.00	40.86 1.46 0.00	38.45 1.30 0.00	35.80 1.22 0.00	38.32 1.20 0.00	44.00 1.17 0.00	47.96 1.27 0.00	49.90 1.51 0.00	58.00 1.85 0.00	144.86 4.30 0.00	72.98 2.73 0.00	48.78 2.16 0.00	43.29 2.21 0.00	110.74 2.19 -69.10	61.18 2.47 -14.82	49.73 1.88 -12.83	48.41 1.75 -11.18	55.38 2.52 -1.25	60.40 2.37 -1.86	40.48 1.46 0.00	36.90 1.16 -3.40	39.46 1.26 -0.94	34.63 0.99 0.00
FALCON___SEABRD_CC1 323796	39.09 -0.67 0.00	44.55 0.61 0.00	40.38 0.98 0.00	38.65 1.50 0.00	35.91 1.33 0.00	38.47 1.35 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.53 2.14 0.00	58.97 2.82 0.00	149.07 8.51 0.00	74.57 4.32 0.00	49.24 2.62 0.00	43.00 1.91 0.00	40.68 1.24 0.00	44.84 0.95 0.00	35.42 0.40 0.00	35.69 0.20 0.00	52.30 0.69 0.00	57.83 1.66 0.00	40.40 1.37 0.00	33.44 1.10 0.00	38.51 1.25 0.00	34.83 1.19 0.00
FALCON___SEABRD_CC2 323797	39.09 -0.67 0.00	44.55 0.61 0.00	40.38 0.98 0.00	38.65 1.50 0.00	35.91 1.33 0.00	38.47 1.35 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.53 2.14 0.00	58.97 2.82 0.00	149.07 8.51 0.00	74.57 4.32 0.00	49.24 2.62 0.00	43.00 1.91 0.00	40.68 1.24 0.00	44.84 0.95 0.00	35.42 0.40 0.00	35.69 0.20 0.00	52.30 0.69 0.00	57.83 1.66 0.00	40.40 1.37 0.00	33.44 1.10 0.00	38.51 1.25 0.00	34.83 1.19 0.00

FAR ROCKAWAY___4 23548	42.91 3.14 -0.01	47.01 3.07 0.00	42.02 2.63 0.00	39.46 2.31 0.00	36.79 2.20 0.00	39.32 2.20 0.00	45.15 2.31 0.00	49.12 2.43 0.00	51.10 2.70 0.00	59.47 3.32 0.00	150.09 6.91 -2.62	74.61 4.36 0.00	50.16 3.54 0.00	62.55 3.40 -18.06	211.15 3.42 -168.29	194.86 3.70 -147.26	108.03 2.86 -70.16	77.71 2.82 -39.41	57.69 4.26 -1.82	63.19 4.22 -2.80	41.67 2.64 0.00	39.49 2.04 -5.11	40.83 2.15 -1.42	35.37 1.72 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.09 2.33 0.00	46.19 2.25 0.00	41.30 1.90 0.00	38.86 1.71 0.00	36.18 1.59 0.00	38.68 1.56 0.00	44.41 1.58 0.00	48.42 1.72 0.00	50.40 2.01 0.00	58.65 2.50 0.00	146.53 5.97 0.00	74.02 3.77 0.00	49.54 2.93 0.00	43.99 2.91 0.00	142.18 2.84 -99.89	68.43 3.14 -21.41	55.37 2.38 -17.98	53.86 2.22 -16.15	56.69 3.26 -1.82	62.13 3.15 -2.81	40.98 1.95 0.00	39.01 1.54 -5.14	40.39 1.70 -1.43	35.00 1.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.10 2.34 0.00	46.20 2.26 0.00	41.31 1.91 0.00	38.86 1.72 0.00	36.20 1.61 0.00	38.69 1.57 0.00	44.41 1.58 0.00	48.42 1.73 0.00	50.40 2.01 0.00	58.66 2.51 0.00	146.53 5.97 0.00	74.03 3.77 0.00	49.55 2.93 0.00	44.00 2.91 0.00	142.18 2.84 -99.89	68.44 3.14 -21.41	55.38 2.39 -17.98	53.86 2.22 -16.15	56.70 3.27 -1.82	62.14 3.16 -2.81	40.99 1.96 0.00	39.02 1.55 -5.14	40.40 1.71 -1.43	35.01 1.37 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.06 2.30 0.00	46.16 2.22 0.00	41.27 1.87 0.00	38.83 1.68 0.00	36.16 1.58 0.00	38.66 1.54 0.00	44.38 1.55 0.00	48.38 1.69 0.00	50.37 1.97 0.00	58.61 2.45 0.00	146.41 5.84 0.00	73.95 3.70 0.00	49.51 2.89 0.00	43.95 2.87 0.00	142.14 2.80 -99.89	68.40 3.10 -21.41	55.34 2.35 -17.98	53.82 2.19 -16.15	56.64 3.21 -1.82	62.07 3.09 -2.81	40.95 1.92 0.00	38.98 1.51 -5.14	40.36 1.67 -1.43	34.98 1.34 0.00
FARRAGUT___LBMP 323566	42.02 2.26 0.00	46.13 2.19 0.00	41.24 1.84 0.00	38.81 1.66 0.00	36.13 1.55 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.34 1.65 0.00	50.33 1.93 0.00	58.55 2.40 0.00	146.26 5.70 0.00	73.88 3.63 0.00	49.46 2.84 0.00	43.91 2.83 0.00	142.10 2.76 -99.89	68.35 3.05 -21.41	55.30 2.31 -17.98	53.79 2.16 -16.15	56.59 3.17 -1.82	62.03 3.05 -2.81	40.91 1.88 0.00	38.96 1.49 -5.14	40.33 1.64 -1.43	34.96 1.31 0.00
FENNER___WINDPWR 24204	40.14 0.38 0.00	44.42 0.47 0.00	39.81 0.41 0.00	37.54 0.39 0.00	34.96 0.38 0.00	37.56 0.44 0.00	43.22 0.39 0.00	47.14 0.44 0.00	48.87 0.48 0.00	56.72 0.57 0.00	142.09 1.55 0.01	71.00 0.80 0.05	47.12 0.45 -0.05	41.38 0.29 0.00	39.67 0.23 0.00	44.07 0.18 0.00	35.26 0.24 0.00	35.74 0.26 0.00	52.04 0.54 0.11	57.82 0.65 -1.00	39.49 0.46 0.00	32.63 0.29 0.00	37.59 0.33 0.00	33.83 0.19 0.00
FIBERTEK___ENERGY 23856	39.35 -0.41 0.00	43.40 -0.54 0.00	38.83 -0.57 0.00	36.63 -0.52 0.00	34.14 -0.45 0.00	36.64 -0.48 0.00	42.09 -0.74 0.00	45.90 -0.80 0.00	47.55 -0.84 0.00	55.17 -0.99 0.00	138.07 -2.50 0.00	69.04 -1.21 0.00	45.75 -0.87 0.00	40.25 -0.84 0.00	38.66 -0.78 0.00	43.09 -0.80 0.00	34.49 -0.53 0.00	34.94 -0.54 0.00	50.83 -0.88 -0.10	57.52 -0.92 -2.28	38.43 -0.60 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.61 0.00
FITZPATRICK___ 23598	38.45 -1.31 0.00	42.42 -1.52 0.00	38.01 -1.39 0.00	35.85 -1.29 0.00	33.40 -1.18 0.00	35.86 -1.26 0.00	41.23 -1.60 0.00	44.92 -1.78 0.00	46.54 -1.85 0.00	53.96 -2.20 0.00	135.02 -5.54 0.00	67.47 -2.78 0.00	44.76 -1.86 0.00	39.41 -1.67 0.00	37.85 -1.59 0.00	42.17 -1.73 0.00	33.68 -1.33 0.00	34.14 -1.34 0.00	48.99 -2.06 0.55	41.13 -2.23 12.80	37.53 -1.50 0.00	31.08 -1.25 0.00	35.85 -1.41 0.00	32.33 -1.31 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.96 2.21 0.00	46.11 2.17 0.00	41.22 1.82 0.00	38.78 1.63 0.00	36.10 1.52 0.00	38.66 1.54 0.00	44.41 1.58 0.00	48.44 1.75 0.00	50.41 2.02 0.00	58.65 2.49 0.00	146.53 5.97 0.00	73.85 3.60 0.00	49.39 2.77 0.00	43.84 2.76 0.00	58.86 2.69 -16.73	50.47 2.99 -3.59	41.29 2.33 -3.95	40.36 2.17 -2.71	55.01 3.10 -0.30	59.66 3.04 -0.45	40.94 1.91 0.00	34.67 1.51 -0.82	39.15 1.66 -0.23	34.97 1.33 0.00
FORT ORANGE___ 23900	40.91 1.15 0.00	45.13 1.19 0.00	40.45 1.05 0.00	38.12 0.97 0.00	35.46 0.87 0.00	38.05 0.93 0.00	43.67 0.84 0.00	47.55 0.86 0.00	49.36 0.96 0.00	57.12 0.96 0.00	143.20 2.64 0.00	71.52 1.27 0.00	47.45 0.84 0.00	42.04 0.95 0.00	58.87 0.89 -18.53	48.81 0.95 -3.96	38.71 0.64 -3.05	39.09 0.64 -2.97	52.85 0.91 -0.33	57.53 0.87 -0.49	39.58 0.55 0.00	33.73 0.51 -0.89	37.99 0.48 -0.25	34.03 0.39 0.00
FORT_DRUM_COGEN 23780	40.56 0.81 0.00	45.56 1.62 0.00	41.02 1.62 0.00	38.57 1.42 0.00	35.69 1.11 0.00	38.60 1.48 0.00	44.56 1.73 0.00	48.53 1.84 0.00	50.50 2.11 0.00	58.76 2.61 0.00	147.24 6.68 0.00	73.53 3.28 0.00	48.29 1.67 0.00	42.20 1.12 0.00	39.82 0.37 0.00	44.19 0.30 0.00	35.61 0.59 0.00	36.15 0.67 0.00	53.42 1.74 -0.07	60.21 2.34 -1.70	40.54 1.52 0.00	33.35 1.01 0.00	38.37 1.11 0.00	34.32 0.68 0.00
FOX_HILLS___ESR 323835	41.95 2.19 0.00	46.03 2.09 0.00	41.28 1.88 0.00	38.91 1.77 0.00	36.22 1.64 0.00	38.69 1.57 0.00	44.33 1.50 0.00	48.29 1.60 0.00	50.25 1.86 0.00	58.45 2.30 0.00	146.25 5.69 0.00	73.96 3.71 0.00	49.46 2.84 0.00	43.93 2.85 0.00	141.76 2.52 -99.80	68.38 3.11 -21.39	55.10 2.12 -17.96	53.54 1.92 -16.13	56.46 3.03 -1.82	61.88 2.90 -2.81	40.81 1.78 0.00	38.99 1.53 -5.13	40.32 1.63 -1.42	35.05 1.41 0.00
FPL_FAR_ROCK_GT1 24212	42.92 3.15 -0.01	47.01 3.07 0.00	42.02 2.63 0.00	39.46 2.31 0.00	36.79 2.20 0.00	39.32 2.20 0.00	45.14 2.31 0.00	49.12 2.42 0.00	51.10 2.70 0.00	59.48 3.32 0.00	149.95 6.76 -2.62	74.61 4.36 0.00	50.16 3.54 0.00	62.54 3.40 -18.06	211.12 3.40 -168.29	194.86 3.70 -147.26	108.03 2.86 -70.16	77.71 2.82 -39.41	57.68 4.26 -1.82	63.18 4.21 -2.80	41.67 2.64 0.00	39.49 2.04 -5.11	40.83 2.15 -1.42	35.37 1.72 0.00
FPL_FAR_ROCK_GT2 23815	42.92 3.15 -0.01	47.01 3.07 0.00	42.02 2.63 0.00	39.46 2.31 0.00	36.79 2.20 0.00	39.32 2.20 0.00	45.14 2.31 0.00	49.12 2.42 0.00	51.10 2.70 0.00	59.48 3.32 0.00	149.95 6.76 -2.62	74.61 4.36 0.00	50.16 3.54 0.00	62.54 3.40 -18.06	211.12 3.40 -168.29	194.86 3.70 -147.26	108.03 2.86 -70.16	77.71 2.82 -39.41	57.68 4.26 -1.82	63.18 4.21 -2.80	41.67 2.64 0.00	39.49 2.04 -5.11	40.83 2.15 -1.42	35.37 1.72 0.00
FRANKLIN_FALL_HYD 24054	39.66 -0.10 0.00	44.77 0.83 0.00	40.34 0.94 0.00	38.31 1.16 0.00	35.58 1.00 0.00	38.17 1.05 0.00	44.41 1.58 0.00	48.68 1.99 0.00	50.33 1.93 0.00	58.72 2.56 0.00	148.10 7.54 0.00	73.97 3.72 0.00	48.76 2.14 0.00	42.78 1.70 0.00	40.67 1.23 0.00	44.97 1.07 0.00	35.68 0.66 0.00	36.31 0.82 0.00	53.29 1.68 0.00	58.57 2.41 0.00	40.68 1.65 0.00	33.63 1.29 0.00	38.70 1.43 0.00	34.97 1.32 0.00

FREEMONT___GT1 23764	42.45 2.68 0.00	46.53 2.59 0.00	41.60 2.21 0.00	39.07 1.92 0.00	36.43 1.84 0.00	38.93 1.81 0.00	44.66 1.83 0.00	48.60 1.91 0.00	50.53 2.14 0.00	58.82 2.66 0.00	143.13 4.51 1.94	73.40 3.15 0.00	49.34 2.72 0.00	58.83 2.77 -14.98	197.43 2.69 -155.30	171.66 2.99 -124.78	98.50 2.43 -61.05	73.27 2.34 -35.45	57.09 3.66 -1.82	62.54 3.58 -2.80	41.23 2.20 0.00	39.13 1.68 -5.11	40.46 1.77 -1.42	35.03 1.38 0.00
FREEPORT___CT2 23818	42.45 2.68 0.00	46.53 2.59 0.00	41.60 2.21 0.00	39.07 1.92 0.00	36.43 1.84 0.00	38.93 1.81 0.00	44.66 1.83 0.00	48.60 1.91 0.00	50.53 2.14 0.00	58.82 2.66 0.00	143.13 4.51 1.94	73.40 3.15 0.00	49.34 2.72 0.00	58.83 2.77 -14.98	197.43 2.69 -155.30	171.66 2.99 -124.78	98.50 2.43 -61.05	73.27 2.34 -35.45	57.09 3.66 -1.82	62.54 3.58 -2.80	41.23 2.20 0.00	39.13 1.68 -5.11	40.46 1.77 -1.42	35.03 1.38 0.00
FRESHKLS_33_KV_LOAD 356253	42.04 2.28 0.00	46.07 2.13 0.00	41.41 2.01 0.00	39.11 1.97 0.00	36.41 1.82 0.00	38.85 1.73 0.00	44.39 1.56 0.00	48.31 1.62 0.00	50.26 1.87 0.00	58.53 2.37 0.00	146.68 6.12 0.00	74.19 3.93 0.00	49.60 2.98 0.00	44.07 2.99 0.00	141.88 2.63 -99.80	68.72 3.44 -21.39	55.10 2.12 -17.96	53.52 1.91 -16.13	56.42 2.99 -1.82	61.96 2.98 -2.81	40.90 1.87 0.00	39.10 1.64 -5.13	40.37 1.69 -1.42	35.16 1.52 0.00
FULTON COGEN____ 23766	38.89 -0.87 0.00	42.89 -1.05 0.00	38.41 -0.98 0.00	36.22 -0.93 0.00	33.76 -0.82 0.00	36.23 -0.89 0.00	41.65 -1.18 0.00	45.38 -1.31 0.00	47.04 -1.36 0.00	54.58 -1.58 0.00	136.55 -4.06 -0.04	68.43 -1.99 -0.17	45.30 -1.36 -0.04	39.83 -1.25 0.00	38.21 -1.23 0.00	42.57 -1.32 0.00	34.06 -0.95 0.00	34.52 -0.96 0.00	50.77 -1.50 -0.65	58.70 -1.60 -4.14	37.95 -1.08 0.00	31.42 -0.91 0.00	36.24 -1.02 0.00	32.66 -0.98 0.00
FULTON___LFGE 323630	41.27 1.51 0.00	45.55 1.60 0.00	40.87 1.47 0.00	38.50 1.35 0.00	35.82 1.24 0.00	38.51 1.40 0.00	44.47 1.64 0.00	48.56 1.87 0.00	50.33 1.94 0.00	58.46 2.31 0.00	146.36 5.80 0.00	73.30 3.05 0.00	48.47 1.85 0.00	42.51 1.43 0.00	41.01 1.34 -0.23	45.12 1.23 0.00	37.06 0.91 -1.13	36.55 1.07 0.00	53.75 2.10 -0.04	58.94 2.41 -0.36	40.71 1.68 0.00	34.35 1.35 -0.66	38.92 1.48 -0.18	34.89 1.25 0.00
G.F.CEMENT___DRP 24184	42.94 3.18 0.00	47.44 3.50 0.00	42.39 2.99 0.00	40.02 2.87 0.00	37.25 2.66 0.00	39.82 2.70 0.00	45.67 2.84 0.00	49.80 3.10 0.00	51.73 3.34 0.00	60.05 3.89 0.00	149.87 9.31 0.00	75.20 4.94 0.00	49.62 3.00 0.00	43.31 2.23 0.00	59.68 1.94 -18.30	49.80 2.00 -3.92	39.69 1.65 -3.02	40.12 1.69 -2.95	54.50 2.56 -0.33	59.53 2.88 -0.48	40.92 1.90 0.00	34.79 1.58 -0.88	39.31 1.80 -0.24	35.14 1.49 0.00
GARDENVILLE___LBMP 24039	37.18 -2.58 0.00	41.39 -2.55 0.00	36.97 -2.43 0.00	34.86 -2.29 0.00	32.63 -1.96 0.00	34.99 -2.13 0.00	40.02 -2.81 0.00	43.52 -3.17 0.00	44.30 -4.09 0.00	51.15 -5.01 0.00	128.18 -12.33 0.05	63.79 -6.27 0.19	41.93 -4.54 0.14	35.63 -4.51 0.94	33.75 -4.19 1.50	39.41 -3.48 0.00	31.75 -3.27 0.00	32.33 -3.16 0.00	46.27 -4.79 0.55	51.53 -4.64 0.00	36.36 -2.67 0.00	29.84 -2.50 0.00	34.64 -2.62 0.00	31.42 -2.23 0.00
GARDNVLA_35_KV_LD 355827	37.28 -2.47 0.00	41.49 -2.45 0.00	37.05 -2.34 0.00	34.95 -2.21 0.00	32.71 -1.88 0.00	35.07 -2.05 0.00	40.11 -2.73 0.00	43.62 -3.07 0.00	44.41 -3.99 0.00	51.26 -4.90 0.00	128.50 -12.01 0.05	63.95 -6.11 0.19	42.05 -4.43 0.14	35.90 -4.41 0.78	34.11 -4.09 1.24	39.54 -4.35 0.00	31.85 -3.17 0.00	32.43 -3.06 0.00	46.43 -4.63 0.55	51.67 -4.49 0.00	36.48 -2.55 0.00	29.93 -2.40 0.00	34.74 -2.52 0.00	31.51 -2.14 0.00
GELCKHM___115KV_LOAD 80723	39.11 -0.65 0.00	43.13 -0.81 0.00	38.61 -0.78 0.00	36.42 -0.73 0.00	33.94 -0.64 0.00	36.42 -0.70 0.00	41.86 -0.97 0.00	45.62 -1.07 0.00	47.27 -1.13 0.00	54.83 -1.33 0.00	137.19 -3.35 0.02	68.52 -1.65 0.09	45.46 -1.14 0.02	40.02 -1.06 0.00	38.43 -1.01 0.00	42.82 -1.08 0.00	34.26 -0.76 0.00	34.71 -0.77 0.00	50.20 -1.22 0.18	56.36 -1.30 -1.50	38.17 -0.86 0.00	31.58 -0.75 0.00	36.42 -0.84 0.00	32.84 -0.81 0.00
GENERAL___MILLS 23808	37.23 -2.53 0.00	41.44 -2.50 0.00	37.01 -2.38 0.00	34.91 -2.24 0.00	32.68 -1.91 0.00	35.04 -2.08 0.00	40.06 -2.77 0.00	43.58 -3.12 0.00	44.36 -4.04 0.00	51.20 -4.96 0.00	128.32 -12.19 0.05	63.88 -6.18 0.19	41.99 -4.49 0.14	35.80 -4.46 0.82	33.99 -4.14 1.31	39.47 -4.42 0.00	31.81 -3.21 0.00	32.38 -3.11 0.00	46.34 -4.72 0.55	51.60 -4.57 0.00	36.42 -2.61 0.00	29.89 -2.45 0.00	34.70 -2.56 0.00	31.47 -2.18 0.00
GE_PLASTICS___DRP 24183	40.72 0.96 0.00	44.93 0.98 0.00	40.28 0.88 0.00	37.97 0.83 0.00	35.32 0.73 0.00	37.89 0.77 0.00	43.51 0.68 0.00	47.37 0.68 0.00	49.16 0.77 0.00	57.00 0.84 0.00	142.68 2.12 0.00	71.36 1.11 0.00	47.39 0.77 0.00	41.92 0.84 0.00	58.29 0.83 -18.02	48.69 0.93 -3.87	38.58 0.62 -2.94	38.96 0.56 -2.92	52.71 0.78 -0.33	57.34 0.69 -0.48	39.46 0.43 0.00	33.61 0.41 -0.87	37.91 0.41 -0.24	33.97 0.32 0.00
GILBOA___1 23756	40.67 0.91 0.00	44.86 0.92 0.00	40.32 0.92 0.00	37.98 0.83 0.00	35.25 0.67 0.00	37.90 0.79 0.00	43.42 0.59 0.00	47.30 0.61 0.00	49.09 0.70 0.00	57.01 0.85 0.00	142.53 1.97 0.00	71.46 1.21 0.00	47.51 0.89 0.00	41.97 0.89 0.00	40.34 0.90 0.00	44.90 1.01 0.00	35.75 0.74 0.00	36.09 0.61 0.00	52.44 0.83 0.00	56.90 0.73 0.00	39.50 0.48 0.00	32.79 0.45 0.00	37.77 0.51 0.00	34.06 0.42 0.00
GILBOA___2 23757	40.67 0.91 0.00	44.86 0.92 0.00	40.32 0.92 0.00	37.98 0.83 0.00	35.25 0.67 0.00	37.90 0.79 0.00	43.42 0.59 0.00	47.30 0.61 0.00	49.09 0.70 0.00	57.01 0.85 0.00	142.53 1.97 0.00	71.46 1.21 0.00	47.51 0.89 0.00	41.97 0.89 0.00	40.34 0.90 0.00	44.90 1.01 0.00	35.75 0.74 0.00	36.09 0.61 0.00	52.44 0.83 0.00	56.90 0.73 0.00	39.50 0.48 0.00	32.79 0.45 0.00	37.77 0.51 0.00	34.06 0.42 0.00
GILBOA___3 23758	40.67 0.91 0.00	44.86 0.92 0.00	40.32 0.92 0.00	37.98 0.83 0.00	35.25 0.67 0.00	37.90 0.79 0.00	43.42 0.59 0.00	47.30 0.61 0.00	49.09 0.70 0.00	57.01 0.85 0.00	142.53 1.97 0.00	71.46 1.21 0.00	47.51 0.89 0.00	41.97 0.89 0.00	40.34 0.90 0.00	44.90 1.01 0.00	35.75 0.74 0.00	36.09 0.61 0.00	52.44 0.83 0.00	56.90 0.73 0.00	39.50 0.48 0.00	32.79 0.45 0.00	37.77 0.51 0.00	34.06 0.42 0.00
GILBOA___4 23759	40.67 0.91 0.00	44.86 0.92 0.00	40.32 0.92 0.00	37.98 0.83 0.00	35.25 0.67 0.00	37.90 0.79 0.00	43.42 0.59 0.00	47.30 0.61 0.00	49.09 0.70 0.00	57.01 0.85 0.00	142.53 1.97 0.00	71.46 1.21 0.00	47.51 0.89 0.00	41.97 0.89 0.00	40.34 0.90 0.00	44.90 1.01 0.00	35.75 0.74 0.00	36.09 0.61 0.00	52.44 0.83 0.00	56.90 0.73 0.00	39.50 0.48 0.00	32.79 0.45 0.00	37.77 0.51 0.00	34.06 0.42 0.00

GILBOA____ 23599	40.67 0.91 0.00	44.87 0.93 0.00	40.32 0.92 0.00	37.98 0.83 0.00	35.26 0.67 0.00	37.90 0.79 0.00	43.42 0.59 0.00	47.30 0.61 0.00	49.09 0.70 0.00	57.01 0.85 0.00	142.55 1.98 0.00	71.46 1.21 0.00	47.51 0.89 0.00	41.98 0.89 0.00	40.35 0.91 0.00	44.91 1.02 0.00	35.75 0.74 0.00	36.09 0.61 0.00	52.44 0.83 0.00	56.89 0.72 0.00	39.50 0.47 0.00	32.79 0.45 0.00	37.77 0.51 0.00	34.06 0.42 0.00
GINNA____ 23603	37.02 -2.74 0.00	40.91 -3.03 0.00	36.57 -2.83 0.00	34.49 -2.66 0.00	32.17 -2.42 0.00	34.52 -2.59 0.00	39.68 -3.15 0.00	43.24 -3.45 0.00	44.60 -3.80 0.00	51.72 -4.44 0.00	129.51 -10.99 0.06	64.41 -5.60 0.23	42.50 -4.02 0.09	37.33 -3.75 0.00	35.91 -3.53 0.00	40.16 -3.72 0.00	32.21 -2.80 0.00	32.78 -2.70 0.00	46.95 -4.00 0.66	52.04 -4.13 0.00	36.31 -2.71 0.00	29.97 -2.36 0.00	34.56 -2.70 0.00	31.17 -2.47 0.00
GLEN PARK____ 23778	40.76 1.00 0.00	45.76 1.81 0.00	41.17 1.78 0.00	38.71 1.56 0.00	35.82 1.24 0.00	38.75 1.63 0.00	44.73 1.90 0.00	48.72 2.03 0.00	50.71 2.32 0.00	59.02 2.86 0.00	147.97 7.41 0.00	73.93 3.68 0.00	48.52 1.90 0.00	42.35 1.27 0.00	39.85 0.41 0.00	44.22 0.33 0.00	35.70 0.68 0.00	36.23 0.75 0.00	53.61 1.92 -0.08	60.58 2.62 -1.79	40.76 1.73 0.00	33.51 1.18 0.00	38.55 1.29 0.00	34.47 0.83 0.00
GLENDALE_27_KV_LOAD 356172	42.14 2.38 0.00	46.28 2.34 0.00	41.42 2.02 0.00	38.98 1.83 0.00	36.29 1.70 0.00	38.79 1.67 0.00	44.54 1.71 0.00	48.55 1.86 0.00	50.58 2.18 0.00	58.83 2.67 0.00	147.06 6.50 0.00	74.35 4.10 0.00	49.77 3.15 0.00	44.19 3.11 0.00	142.13 2.89 -99.80	68.66 3.39 -21.39	55.49 2.51 -17.96	53.97 2.35 -16.13	56.98 3.55 -1.82	62.31 3.34 -2.81	41.12 2.10 0.00	39.17 1.70 -5.13	40.55 1.86 -1.42	35.15 1.51 0.00
GLENWOOD_IC_1_G5 23712	42.29 2.52 -0.01	46.38 2.44 0.00	41.47 2.07 0.00	38.97 1.82 0.00	36.31 1.73 0.00	38.82 1.70 0.00	44.57 1.74 0.00	48.54 1.85 0.00	50.49 2.10 0.00	58.78 2.62 0.00	145.81 5.71 0.47	73.85 3.60 0.00	49.27 2.64 -0.01	63.03 2.65 -19.31	213.70 2.72 -171.55	202.58 3.02 -155.67	111.03 2.31 -73.71	78.68 2.17 -41.03	56.60 3.18 -1.82	62.00 3.03 -2.80	41.02 1.99 0.00	39.08 1.63 -5.11	40.42 1.74 -1.42	35.03 1.38 0.00
GLENWOOD_IC_2_G1 23688	42.05 2.29 0.00	46.14 2.20 0.00	41.26 1.86 0.00	38.79 1.64 0.00	36.14 1.56 0.00	38.64 1.53 0.00	44.37 1.54 0.00	48.33 1.64 0.00	50.27 1.87 0.00	58.48 2.33 0.00	145.63 5.06 0.00	73.53 3.28 0.00	49.25 2.64 0.00	44.53 2.62 -0.83	144.70 2.65 -102.60	73.94 2.96 -27.10	57.58 2.26 -20.31	54.77 2.13 -17.16	56.56 3.13 -1.82	61.96 2.99 -2.80	40.90 1.87 0.00	38.91 1.47 -5.11	40.25 1.57 -1.42	34.88 1.24 0.00
GLENWOOD_IC_3_G1 23689	42.05 2.29 0.00	46.14 2.20 0.00	41.26 1.86 0.00	38.79 1.64 0.00	36.14 1.56 0.00	38.64 1.53 0.00	44.37 1.54 0.00	48.33 1.64 0.00	50.27 1.87 0.00	58.48 2.33 0.00	145.63 5.06 0.00	73.53 3.28 0.00	49.25 2.64 0.00	44.53 2.62 -0.83	144.70 2.65 -102.60	73.94 2.96 -27.10	57.58 2.26 -20.31	54.77 2.13 -17.16	56.56 3.13 -1.82	61.96 2.99 -2.80	40.90 1.87 0.00	38.91 1.47 -5.11	40.25 1.57 -1.42	34.88 1.24 0.00
GLENWOOD____4 23550	42.29 2.52 -0.01	46.38 2.44 0.00	41.47 2.07 0.00	38.97 1.82 0.00	36.31 1.73 0.00	38.82 1.70 0.00	44.57 1.74 0.00	48.54 1.85 0.00	50.49 2.10 0.00	58.78 2.62 0.00	145.81 5.71 0.47	73.86 3.61 0.00	49.38 2.75 -0.01	63.13 2.75 -19.31	213.80 2.81 -171.55	202.68 3.12 -155.67	111.12 2.39 -73.71	78.77 2.26 -41.03	56.73 3.30 -1.82	62.13 3.17 -2.80	41.07 2.04 0.00	39.08 1.63 -5.11	40.42 1.74 -1.42	35.03 1.38 0.00
GLENWOOD____5 23614	42.29 2.52 -0.01	46.38 2.44 0.00	41.47 2.07 0.00	38.97 1.82 0.00	36.31 1.73 0.00	38.82 1.70 0.00	44.57 1.74 0.00	48.54 1.85 0.00	50.49 2.10 0.00	58.78 2.62 0.00	145.81 5.71 0.47	73.86 3.61 0.00	49.38 2.75 -0.01	63.13 2.75 -19.31	213.80 2.81 -171.55	202.68 3.12 -155.67	111.12 2.39 -73.71	78.77 2.26 -41.03	56.73 3.30 -1.82	62.13 3.17 -2.80	41.07 2.04 0.00	39.08 1.63 -5.11	40.42 1.74 -1.42	35.03 1.38 0.00
GLOBAL GREEN_PORT_GT1 23814	41.63 1.86 0.00	45.52 1.58 0.00	40.72 1.32 0.00	38.19 1.04 0.00	35.62 1.03 0.00	38.08 0.96 0.00	43.73 0.90 0.00	47.62 0.93 0.00	49.63 1.23 0.00	57.89 1.73 0.00	141.23 2.57 1.90	72.37 2.12 0.00	48.87 2.25 0.00	54.55 2.33 -11.14	181.66 2.15 -140.07	145.15 2.21 -99.04	87.17 1.99 -50.16	68.50 2.53 -30.49	57.19 3.76 -1.82	62.48 3.52 -2.80	41.34 2.31 0.00	39.40 1.95 -5.11	40.36 1.68 -1.42	34.89 1.24 0.00
GLOBE____DSASP 323697	36.16 -3.60 0.00	40.27 -3.67 0.00	35.98 -3.42 0.00	33.96 -3.19 0.00	31.75 -2.84 0.00	34.07 -3.04 0.00	38.95 -3.89 0.00	42.23 -4.47 0.00	42.86 -5.53 0.00	49.42 -6.74 0.00	123.79 -16.72 0.05	61.56 -8.48 0.20	40.48 -6.01 0.13	34.63 -5.79 0.67	33.02 -5.37 1.06	38.11 -5.77 0.00	30.70 -4.32 0.00	31.36 -4.12 0.00	44.81 -6.21 0.58	49.85 -6.31 0.00	35.27 -3.76 0.00	29.00 -3.34 0.00	33.68 -3.58 0.00	30.64 -3.00 0.00
GOETHSLN____LBMP 323567	41.84 2.08 0.00	45.89 1.95 0.00	41.05 1.65 0.00	38.63 1.48 0.00	35.98 1.40 0.00	38.44 1.32 0.00	44.12 1.29 0.00	48.09 1.40 0.00	50.06 1.67 0.00	58.24 2.08 0.00	145.54 4.98 0.00	73.54 3.29 0.00	49.22 2.60 0.00	43.69 2.61 0.00	141.89 2.56 -99.89	68.08 2.78 -21.40	55.09 2.10 -17.98	53.54 1.92 -16.14	56.28 2.85 -1.82	61.68 2.71 -2.81	40.68 1.65 0.00	38.76 1.29 -5.13	40.11 1.42 -1.42	34.77 1.13 0.00
GOLAH____69_KV_TB 1_2 80279	38.68 -1.08 0.00	42.78 -1.16 0.00	38.23 -1.17 0.00	36.04 -1.10 0.00	33.65 -0.94 0.00	36.11 -1.00 0.00	41.45 -1.38 0.00	45.16 -1.54 0.00	46.42 -1.98 0.00	53.78 -2.37 0.00	134.65 -5.85 0.06	66.95 -3.07 0.23	44.00 -2.52 0.10	38.49 -2.59 0.00	37.08 -2.36 0.00	41.54 -2.35 0.00	33.30 -1.72 0.00	34.03 -1.45 0.00	48.78 -2.17 0.66	54.15 -2.01 0.00	37.95 -1.08 0.00	31.26 -1.08 0.00	36.08 -1.18 0.00	32.60 -1.05 0.00
GOODYEAR_LAKE_HYD 323669	40.39 0.63 0.00	44.57 0.63 0.00	40.03 0.64 0.00	37.78 0.63 0.00	35.17 0.58 0.00	37.79 0.67 0.00	43.49 0.65 0.00	47.48 0.78 0.00	49.23 0.84 0.00	57.20 1.04 0.00	143.14 2.58 0.00	71.75 1.49 0.00	47.65 1.03 0.00	41.98 0.89 0.00	40.24 0.80 0.00	44.81 0.92 0.00	35.83 0.82 0.00	36.29 0.81 0.00	52.90 1.28 -0.02	57.86 1.35 -0.35	39.93 0.90 0.00	33.03 0.69 0.00	38.01 0.74 0.00	34.23 0.59 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.30 -0.45 0.00	43.47 -0.47 0.00	38.93 -0.47 0.00	36.70 -0.45 0.00	34.24 -0.35 0.00	36.72 -0.39 0.00	42.13 -0.70 0.00	45.98 -0.71 0.00	47.51 -0.89 0.00	55.11 -1.04 0.00	138.11 -2.44 0.02	69.13 -1.06 0.06	45.85 -0.71 0.06	40.36 -0.73 0.00	38.75 -0.69 0.00	43.14 -0.75 0.00	34.60 -0.42 0.00	34.96 -0.52 0.00	50.69 -0.78 0.13	56.33 -0.75 -0.92	38.59 -0.43 0.00	31.84 -0.49 0.00	36.74 -0.52 0.00	33.10 -0.55 0.00

GOUDEY___7 23579	39.30 -0.45 0.00	43.47 -0.47 0.00	38.93 -0.47 0.00	36.70 -0.45 0.00	34.24 -0.35 0.00	36.72 -0.39 0.00	42.13 -0.70 0.00	45.98 -0.71 0.00	47.51 -0.89 0.00	55.11 -1.04 0.00	138.11 -2.44 0.02	69.13 -1.06 0.06	45.85 -0.71 0.06	40.36 -0.73 0.00	38.75 -0.69 0.00	43.14 -0.75 0.00	34.60 -0.42 0.00	34.96 -0.52 0.00	50.69 -0.78 0.13	56.33 -0.75 -0.92	38.59 -0.43 0.00	31.84 -0.49 0.00	36.74 -0.52 0.00	33.10 -0.55 0.00
GOUDEY___8 23580	39.30 -0.45 0.00	43.47 -0.47 0.00	38.93 -0.47 0.00	36.70 -0.45 0.00	34.24 -0.35 0.00	36.72 -0.39 0.00	42.13 -0.70 0.00	45.98 -0.71 0.00	47.51 -0.89 0.00	55.11 -1.04 0.00	138.11 -2.44 0.02	69.13 -1.06 0.06	45.85 -0.71 0.06	40.36 -0.73 0.00	38.75 -0.69 0.00	43.14 -0.75 0.00	34.60 -0.42 0.00	34.96 -0.52 0.00	50.69 -0.78 0.13	56.33 -0.75 -0.92	38.59 -0.43 0.00	31.84 -0.49 0.00	36.74 -0.52 0.00	33.10 -0.55 0.00
GOWANUS_GT1_1 24077	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT1_2 24078	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT1_3 24079	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT1_4 24080	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT1_5 24084	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT1_6 24111	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT1_7 24112	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT1_8 24113	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.32 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT2_1 24114	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT2_2 24115	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT2_3 24116	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT2_4 24117	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT2_5 24118	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00

GOWANUS_GT2_6 24119	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT2_7 24120	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT2_8 24121	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.18 2.20 -17.96	53.64 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_1 24122	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_2 24123	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_3 24124	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_4 24125	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_5 24126	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_6 24127	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_7 24128	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT3_8 24129	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.80 2.56 -99.80	68.32 3.04 -21.39	55.19 2.21 -17.96	53.63 2.02 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
GOWANUS_GT4_1 24130	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT4_2 24131	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT4_3 24132	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT4_4 24133	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00

GOWANUS_GT4_5 24134	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT4_6 24135	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT4_7 24136	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GOWANUS_GT4_8 24137	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.04 -21.39	55.18 2.20 -17.96	53.64 2.03 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GREATVRV_69_KV_BK1 356245	42.64 2.88 0.00	46.72 2.78 0.00	41.80 2.40 0.00	39.22 2.07 0.00	36.60 2.02 0.00	39.11 2.00 0.00	44.85 2.02 0.00	48.77 2.07 0.00	50.72 2.32 0.00	58.91 2.76 0.00	144.20 5.45 1.81	73.38 3.13 0.00	49.51 2.89 0.00	55.37 2.83 -11.45	183.76 3.03 -141.29	148.43 3.31 -101.23	88.88 2.79 -51.07	69.15 2.77 -30.90	57.65 4.22 -1.82	63.09 4.13 -2.80	41.64 2.61 0.00	39.45 2.00 -5.11	40.68 2.00 -1.42	35.24 1.60 0.00
GREENBSH_115KV_TB3 55895	40.69 0.93 0.00	44.90 0.96 0.00	40.24 0.84 0.00	37.94 0.79 0.00	35.29 0.70 0.00	37.85 0.74 0.00	43.44 0.61 0.00	47.29 0.60 0.00	49.09 0.70 0.00	56.89 0.73 0.00	142.54 1.98 0.00	71.14 0.89 0.00	47.21 0.59 0.00	41.77 0.69 0.00	59.57 0.71 -19.42	48.86 0.82 -4.15	38.72 0.52 -3.18	39.05 0.46 -3.11	52.57 0.62 -0.35	57.20 0.53 -0.51	39.33 0.30 0.00	33.58 0.32 -0.93	37.79 0.26 -0.26	33.86 0.21 0.00
GREENDGE_115KV_TB5 80291	38.90 -0.86 0.00	42.87 -1.07 0.00	38.50 -0.89 0.00	36.37 -0.78 0.00	34.00 -0.59 0.00	36.47 -0.65 0.00	41.57 -1.26 0.00	45.37 -1.32 0.00	46.80 -1.60 0.00	54.22 -1.94 0.00	135.37 -5.16 0.03	67.68 -2.45 0.12	44.64 -1.69 0.29	40.40 -1.71 -1.03	39.50 -1.58 -1.64	42.28 -1.61 0.00	34.09 -0.92 0.00	34.48 -1.00 0.00	49.54 -1.75 0.32	55.37 -1.57 -0.78	38.12 -0.91 0.00	31.60 -0.74 0.00	36.51 -0.75 0.00	32.83 -0.81 0.00
GREENIDGE___3 23582	38.90 -0.86 0.00	42.87 -1.07 0.00	38.50 -0.89 0.00	36.37 -0.78 0.00	34.00 -0.59 0.00	36.47 -0.65 0.00	41.57 -1.26 0.00	45.37 -1.32 0.00	46.80 -1.60 0.00	54.22 -1.94 0.00	135.37 -5.16 0.03	67.68 -2.45 0.12	44.64 -1.69 0.29	40.40 -1.71 -1.03	39.50 -1.58 -1.64	42.28 -1.61 0.00	34.09 -0.92 0.00	34.48 -1.00 0.00	49.54 -1.75 0.32	55.37 -1.57 -0.78	38.12 -0.91 0.00	31.60 -0.74 0.00	36.51 -0.75 0.00	32.83 -0.81 0.00
GREENIDGE___4 23583	38.88 -0.88 0.00	42.88 -1.06 0.00	38.50 -0.89 0.00	36.37 -0.78 0.00	34.00 -0.59 0.00	36.47 -0.65 0.00	41.58 -1.25 0.00	45.37 -1.32 0.00	46.80 -1.60 0.00	54.22 -1.93 0.00	135.47 -5.06 0.03	67.68 -2.45 0.12	44.64 -1.69 0.29	40.40 -1.71 -1.03	39.50 -1.58 -1.64	42.28 -1.61 0.00	34.10 -0.92 0.00	34.48 -1.00 0.00	49.56 -1.73 0.32	55.39 -1.56 -0.78	38.11 -0.91 0.00	31.59 -0.74 0.00	36.52 -0.74 0.00	32.83 -0.81 0.00
GREENLWN_69_KV_BK 3 55738	42.33 2.56 0.00	46.39 2.45 0.00	41.50 2.11 0.00	38.96 1.81 0.00	36.34 1.75 0.00	38.81 1.70 0.00	44.53 1.70 0.00	48.43 1.74 0.00	50.26 1.86 0.00	58.44 2.28 0.00	142.51 3.89 1.94	72.80 2.54 0.00	49.03 2.42 0.00	54.92 2.43 -11.40	183.39 2.93 -141.01	148.02 3.28 -100.86	88.51 2.58 -50.91	68.74 2.43 -30.83	57.04 3.62 -1.82	62.43 3.46 -2.80	41.16 2.14 0.00	39.07 1.62 -5.11	40.32 1.64 -1.42	34.92 1.28 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.31 3.06 -21.39	55.18 2.21 -17.96	53.66 2.04 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00
GRISSOM___SOLAR 323813	41.37 1.61 0.00	45.66 1.73 0.00	40.96 1.56 0.00	38.57 1.42 0.00	35.89 1.30 0.00	38.56 1.45 0.00	44.51 1.68 0.00	48.59 1.90 0.00	50.37 1.97 0.00	58.51 2.36 0.00	146.44 5.87 0.00	73.34 3.09 0.00	48.51 1.89 0.00	42.56 1.47 0.00	41.07 1.39 -0.23	45.20 1.31 0.00	37.12 0.95 -1.16	36.59 1.11 0.00	53.75 2.10 -0.04	58.95 2.41 -0.37	40.69 1.66 0.00	34.36 1.34 -0.68	38.94 1.49 -0.19	34.89 1.24 0.00
GROVEVILLE___HYD 323602	41.96 2.21 0.00	46.11 2.17 0.00	41.22 1.82 0.00	38.78 1.63 0.00	36.10 1.52 0.00	38.66 1.54 0.00	44.41 1.58 0.00	48.44 1.75 0.00	50.41 2.02 0.00	58.65 2.49 0.00	146.53 5.97 0.00	73.85 3.60 0.00	49.39 2.77 0.00	43.84 2.76 0.00	58.86 2.69 -16.73	50.47 2.99 -3.59	41.29 2.33 -3.95	40.36 2.17 -2.71	55.01 3.10 -0.30	59.66 3.04 -0.45	40.94 1.91 0.00	34.67 1.51 -0.82	39.15 1.66 -0.23	34.97 1.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.35 -0.41 0.00	43.40 -0.54 0.00	38.83 -0.57 0.00	36.63 -0.52 0.00	34.14 -0.45 0.00	36.64 -0.48 0.00	42.09 -0.74 0.00	45.90 -0.80 0.00	47.55 -0.84 0.00	55.17 -0.99 0.00	138.07 -2.50 0.00	69.04 -1.21 0.00	45.75 -0.87 0.00	40.25 -0.84 0.00	38.66 -0.78 0.00	43.09 -0.80 0.00	34.49 -0.53 0.00	34.94 -0.54 0.00	50.83 -0.88 -0.10	57.52 -0.92 -2.28	38.43 -0.60 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	39.31 -0.45 0.00	43.36 -0.58 0.00	38.78 -0.61 0.00	36.59 -0.56 0.00	34.11 -0.48 0.00	36.56 -0.55 0.00	42.00 -0.83 0.00	45.81 -0.89 0.00	47.40 -0.99 0.00	54.95 -1.21 0.00	137.48 -3.08 0.00	68.74 -1.51 0.00	45.53 -1.08 0.00	40.03 -1.06 0.00	38.45 -0.99 0.00	42.88 -1.01 0.00	34.36 -0.66 0.00	34.82 -0.66 0.00	50.67 -1.03 -0.09	57.30 -1.04 -2.18	38.38 -0.65 0.00	31.72 -0.62 0.00	36.57 -0.69 0.00	32.97 -0.68 0.00

HAMPSHIRE___PAPER_HYD 323593	40.25 0.49 0.00	45.03 1.09 0.00	40.51 1.12 0.00	38.16 1.01 0.00	35.42 0.84 0.00	38.15 1.03 0.00	44.26 1.42 0.00	48.34 1.65 0.00	50.16 1.77 0.00	58.29 2.13 0.00	146.17 5.61 0.00	72.83 2.58 0.00	47.99 1.38 0.00	42.09 1.01 0.00	40.00 0.56 0.00	44.30 0.41 0.00	35.45 0.43 0.00	36.13 0.64 0.00	53.06 1.43 -0.03	58.87 1.99 -0.72	40.37 1.34 0.00	33.31 0.97 0.00	38.37 1.11 0.00	34.53 0.88 0.00
HARDSCRABBLE_WT_PWR 323673	40.71 0.95 0.00	45.16 1.22 0.00	40.48 1.09 0.00	38.25 1.10 0.00	35.61 1.03 0.00	38.31 1.20 0.00	43.92 1.09 0.00	47.83 1.14 0.00	49.72 1.32 0.00	57.72 1.57 0.00	144.54 3.97 0.00	72.45 2.20 0.00	48.11 1.49 0.00	42.36 1.28 0.00	40.65 1.21 0.00	45.03 1.14 0.00	35.66 0.64 0.00	36.20 0.71 0.00	52.90 1.30 0.00	57.56 1.39 0.00	39.94 0.92 0.00	33.16 0.83 0.00	38.13 0.87 0.00	34.26 0.61 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	41.63 1.87 0.00	45.75 1.81 0.00	40.93 1.53 0.00	38.50 1.35 0.00	35.85 1.26 0.00	38.36 1.24 0.00	44.09 1.26 0.00	48.07 1.38 0.00	49.97 1.58 0.00	58.11 1.96 0.00	145.31 4.75 0.00	73.28 3.02 0.00	48.99 2.38 0.00	43.44 2.35 0.00	-83.22 2.35 125.01	19.75 2.67 26.81	17.71 2.06 19.36	17.17 1.91 20.23	52.07 2.73 2.27	55.42 2.61 3.36	40.67 1.64 0.00	27.48 1.28 6.13	36.96 1.39 1.70	34.75 1.10 0.00
HARSNRAD_115KV_TB1 81005	36.84 -2.92 0.00	41.01 -2.93 0.00	36.62 -2.78 0.00	34.56 -2.59 0.00	32.31 -2.28 0.00	34.69 -2.43 0.00	39.66 -3.18 0.00	43.05 -3.64 0.00	43.64 -4.75 0.00	50.31 -5.84 0.00	126.05 -14.46 0.06	62.75 -7.30 0.21	41.15 -5.34 0.13	35.21 -5.23 0.65	33.60 -4.82 1.03	38.71 -5.19 0.00	31.18 -3.83 0.00	31.88 -3.60 0.00	45.56 -5.45 0.59	50.77 -5.40 0.00	35.91 -3.12 0.00	29.50 -2.84 0.00	34.25 -3.01 0.00	31.18 -2.46 0.00
HARZA MOOSE___RIVER 24016	40.46 0.70 0.00	45.09 1.15 0.00	40.53 1.14 0.00	38.16 1.01 0.00	35.46 0.87 0.00	38.16 1.04 0.00	44.04 1.20 0.00	47.99 1.30 0.00	49.85 1.46 0.00	57.93 1.78 0.00	145.10 4.54 0.00	72.44 2.19 0.00	47.85 1.23 0.00	42.01 0.93 0.00	40.09 0.65 0.00	44.44 0.55 0.00	35.50 0.49 0.00	36.12 0.64 0.00	52.98 1.34 -0.03	58.40 1.62 -0.61	40.04 1.01 0.00	33.02 0.68 0.00	38.04 0.78 0.00	34.18 0.54 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.09 -0.67 0.00	43.12 -0.82 0.00	38.60 -0.80 0.00	36.39 -0.76 0.00	33.93 -0.66 0.00	36.41 -0.70 0.00	41.84 -0.99 0.00	45.61 -1.08 0.00	47.25 -1.15 0.00	54.80 -1.36 0.00	137.15 -3.38 0.03	68.48 -1.67 0.10	45.42 -1.18 0.02	39.99 -1.10 0.00	38.39 -1.05 0.00	42.78 -1.11 0.00	34.21 -0.80 0.00	34.67 -0.81 0.00	50.09 -1.29 0.24	56.05 -1.37 -1.25	38.12 -0.91 0.00	31.55 -0.79 0.00	36.38 -0.88 0.00	32.83 -0.82 0.00
HELLGATE_13_KV_LD 55870	42.20 2.44 0.00	46.37 2.43 0.00	41.49 2.09 0.00	39.04 1.90 0.00	36.35 1.77 0.00	38.87 1.75 0.00	44.63 1.80 0.00	48.66 1.97 0.00	50.72 2.32 0.00	58.96 2.81 0.00	147.43 6.87 0.00	74.52 4.27 0.00	49.89 3.27 0.00	44.31 3.23 0.00	142.24 2.99 -99.80	68.80 3.52 -21.39	55.59 2.61 -17.96	54.08 2.47 -16.13	57.13 3.70 -1.82	62.42 3.45 -2.81	41.20 2.17 0.00	39.24 1.77 -5.13	40.62 1.93 -1.42	35.22 1.57 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.20 2.44 0.00	46.37 2.43 0.00	41.49 2.09 0.00	39.04 1.90 0.00	36.35 1.77 0.00	38.87 1.75 0.00	44.63 1.80 0.00	48.66 1.97 0.00	50.72 2.32 0.00	58.96 2.81 0.00	147.43 6.87 0.00	74.52 4.27 0.00	49.89 3.27 0.00	44.31 3.23 0.00	142.24 2.99 -99.80	68.80 3.52 -21.39	55.59 2.61 -17.96	54.08 2.47 -16.13	57.13 3.70 -1.82	62.42 3.45 -2.81	41.20 2.17 0.00	39.24 1.77 -5.13	40.62 1.93 -1.42	35.22 1.57 0.00
HEMPSTEAD___ 23647	42.13 2.37 -0.01	46.21 2.27 0.00	41.33 1.93 0.00	38.82 1.67 0.00	36.18 1.60 0.00	38.67 1.56 0.00	44.40 1.56 0.00	48.31 1.62 0.00	50.24 1.85 0.00	58.48 2.32 0.00	143.99 4.28 0.86	73.22 2.96 0.00	49.12 2.50 0.00	60.25 2.52 -16.65	203.62 2.59 -161.60	183.71 2.87 -136.95	103.25 2.26 -65.98	75.21 2.13 -37.60	56.61 3.19 -1.82	62.01 3.04 -2.80	40.92 1.89 0.00	38.90 1.45 -5.11	40.21 1.52 -1.42	34.82 1.17 0.00
HICKLING___1 23621	38.78 -0.97 0.00	43.04 -0.91 0.00	38.49 -0.91 0.00	36.26 -0.89 0.00	33.94 -0.65 0.00	36.39 -0.73 0.00	41.65 -1.18 0.00	45.49 -1.21 0.00	46.79 -1.61 0.00	54.21 -1.95 0.00	135.92 -4.61 0.03	67.92 -2.23 0.10	44.72 -1.63 0.27	39.54 -1.85 -0.31	38.30 -1.63 -0.49	42.20 -1.69 0.00	34.02 -1.00 0.00	34.36 -1.12 0.00	49.61 0.27 -0.76	55.38 -1.55 -0.76	38.19 -0.84 0.00	31.42 -0.91 0.00	36.36 -0.91 0.00	32.71 -0.93 0.00
HICKLING___2 23622	38.78 -0.97 0.00	43.04 -0.91 0.00	38.49 -0.91 0.00	36.26 -0.89 0.00	33.94 -0.65 0.00	36.39 -0.73 0.00	41.65 -1.18 0.00	45.49 -1.21 0.00	46.79 -1.61 0.00	54.21 -1.95 0.00	135.92 -4.61 0.03	67.92 -2.23 0.10	44.72 -1.63 0.27	39.54 -1.85 -0.31	38.30 -1.63 -0.49	42.20 -1.69 0.00	34.02 -1.00 0.00	34.36 -1.12 0.00	49.61 0.27 -0.76	55.38 -1.55 -0.76	38.19 -0.84 0.00	31.42 -0.91 0.00	36.36 -0.91 0.00	32.71 -0.93 0.00
HIGH FALLS___HY 23754	41.65 1.89 0.00	45.74 1.80 0.00	40.90 1.50 0.00	38.47 1.32 0.00	35.81 1.22 0.00	38.34 1.22 0.00	44.08 1.24 0.00	48.07 1.38 0.00	49.98 1.58 0.00	58.16 2.00 0.00	145.58 5.02 0.00	73.39 3.14 0.00	48.99 2.37 0.00	43.38 2.30 0.00	22.87 2.17 18.74	42.24 2.37 4.02	34.55 1.93 2.39	34.26 1.81 3.03	53.88 2.61 0.34	58.18 2.51 0.49	40.61 1.59 0.00	32.83 1.40 0.90	38.53 1.52 0.25	34.85 1.21 0.00
HIGH_RIVER___SOLAR 323847	41.09 1.33 0.00	45.34 1.40 0.00	40.66 1.26 0.00	38.31 1.16 0.00	35.65 1.06 0.00	38.27 1.15 0.00	44.06 1.22 0.00	48.02 1.33 0.00	49.73 1.33 0.00	57.73 1.57 0.00	144.36 3.80 0.00	72.43 2.18 0.00	48.04 1.42 0.00	42.12 1.04 0.00	56.19 0.99 -15.76	48.22 0.96 -3.38	38.26 0.67 -2.57	38.79 0.77 -2.54	53.40 1.51 -0.28	58.28 1.70 -0.42	40.18 1.15 0.00	34.05 0.95 -0.76	38.53 1.06 -0.21	34.53 0.89 0.00
HILLBURN___GT 23639	41.55 1.80 0.00	45.64 1.70 0.00	40.83 1.44 0.00	38.40 1.25 0.00	35.77 1.18 0.00	38.25 1.13 0.00	43.96 1.13 0.00	47.93 1.24 0.00	49.84 1.44 0.00	57.95 1.79 0.00	144.83 4.27 0.00	73.08 2.82 0.00	48.83 2.22 0.00	43.31 2.23 0.00	-95.50 2.27 137.21	17.07 2.61 29.43	15.66 1.99 21.35	15.11 1.83 22.20	51.75 2.63 2.49	54.95 2.50 3.71	40.56 1.54 0.00	26.76 1.20 6.78	36.71 1.32 1.88	34.68 1.03 0.00
HILLSIDE_115KV_TB1 80332	38.26 -1.50 0.00	42.45 -1.50 0.00	37.95 -1.45 0.00	35.74 -1.41 0.00	33.44 -1.15 0.00	35.85 -1.27 0.00	41.01 -1.82 0.00	44.82 -1.87 0.00	46.16 -2.24 0.00	53.49 -2.67 0.00	134.20 -6.34 0.03	67.16 -3.00 0.09	44.36 -2.01 0.25	39.36 -1.99 -0.26	38.04 -1.82 -0.42	41.85 -2.04 0.00	33.72 -1.29 0.00	33.99 -1.49 0.00	49.11 -2.26 0.24	54.73 -2.24 -0.80	37.67 -1.36 0.00	30.99 -1.34 0.00	35.83 -1.44 0.00	32.23 -1.41 0.00

HISHELDN_WT_PWR 323625	37.35 -2.41 0.00	41.58 -2.37 0.00	37.17 -2.23 0.00	35.06 -2.09 0.00	32.82 -1.77 0.00	35.19 -1.93 0.00	40.24 -2.59 0.00	43.79 -2.90 0.00	44.65 -3.74 0.00	51.57 -4.59 0.00	129.32 -11.20 0.05	64.25 -5.82 0.18	42.23 -4.23 0.15	34.72 -4.32 2.05	32.27 -3.92 3.25	39.75 -4.14 0.00	32.02 -3.00 0.00	32.53 -2.95 0.00	46.62 -4.48 0.51	51.83 -4.34 0.00	36.50 -2.52 0.00	29.99 -2.34 0.00	34.81 -2.45 0.00	31.54 -2.10 0.00
HOLTSVILLE_IC_1 23690	41.89 2.13 0.00	45.89 1.95 0.00	41.10 1.70 0.00	38.57 1.42 0.00	36.00 1.41 0.00	38.47 1.35 0.00	44.10 1.26 0.00	47.91 1.22 0.00	49.81 1.41 0.00	57.79 1.64 0.00	141.09 2.43 1.90	72.03 1.77 0.00	48.60 1.98 0.00	54.19 1.99 -11.12	181.72 2.28 -140.00	145.25 2.44 -98.92	87.17 2.04 -50.11	68.01 2.06 -30.47	56.58 3.15 -1.82	61.93 2.96 -2.80	40.86 1.83 0.00	38.84 1.39 -5.11	39.98 1.30 -1.42	34.67 1.03 0.00
HOLTSVILLE_IC_10 23699	42.12 2.35 0.00	46.10 2.16 0.00	41.28 1.89 0.00	38.72 1.57 0.00	36.15 1.56 0.00	38.62 1.50 0.00	44.29 1.46 0.00	48.13 1.44 0.00	50.05 1.65 0.00	58.12 1.97 0.00	141.98 3.30 1.89	72.45 2.20 0.00	48.89 2.27 0.00	54.54 2.25 -11.20	182.31 2.56 -140.31	146.11 2.74 -99.48	87.65 2.28 -50.35	68.40 2.34 -30.57	56.96 3.53 -1.82	62.34 3.37 -2.80	41.12 2.09 0.00	39.04 1.59 -5.11	40.18 1.49 -1.42	34.82 1.17 0.00
HOLTSVILLE_IC_2 23691	41.89 2.13 0.00	45.89 1.95 0.00	41.10 1.70 0.00	38.57 1.42 0.00	36.00 1.41 0.00	38.47 1.35 0.00	44.10 1.26 0.00	47.91 1.22 0.00	49.81 1.41 0.00	57.79 1.64 0.00	141.09 2.43 1.90	72.03 1.77 0.00	48.60 1.98 0.00	54.19 1.99 -11.12	181.72 2.28 -140.00	145.25 2.44 -98.92	87.17 2.04 -50.11	68.01 2.06 -30.47	56.58 3.15 -1.82	61.93 2.96 -2.80	40.86 1.83 0.00	38.84 1.39 -5.11	39.98 1.30 -1.42	34.67 1.03 0.00
HOLTSVILLE_IC_3 23692	41.89 2.13 0.00	45.89 1.95 0.00	41.10 1.70 0.00	38.57 1.42 0.00	36.00 1.41 0.00	38.47 1.35 0.00	44.10 1.26 0.00	47.91 1.22 0.00	49.81 1.41 0.00	57.79 1.64 0.00	141.09 2.43 1.90	72.03 1.77 0.00	48.60 1.98 0.00	54.19 1.99 -11.12	181.72 2.28 -140.00	145.25 2.44 -98.92	87.17 2.04 -50.11	68.01 2.06 -30.47	56.58 3.15 -1.82	61.93 2.96 -2.80	40.86 1.83 0.00	38.84 1.39 -5.11	39.98 1.30 -1.42	34.67 1.03 0.00
HOLTSVILLE_IC_4 23693	41.89 2.13 0.00	45.89 1.95 0.00	41.10 1.70 0.00	38.57 1.42 0.00	36.00 1.41 0.00	38.47 1.35 0.00	44.10 1.26 0.00	47.91 1.22 0.00	49.81 1.41 0.00	57.79 1.64 0.00	141.09 2.43 1.90	72.03 1.77 0.00	48.60 1.98 0.00	54.19 1.99 -11.12	181.72 2.28 -140.00	145.25 2.44 -98.92	87.17 2.04 -50.11	68.01 2.06 -30.47	56.58 3.15 -1.82	61.93 2.96 -2.80	40.86 1.83 0.00	38.84 1.39 -5.11	39.98 1.30 -1.42	34.67 1.03 0.00
HOLTSVILLE_IC_5 23694	41.89 2.13 0.00	45.89 1.95 0.00	41.10 1.70 0.00	38.57 1.42 0.00	36.00 1.41 0.00	38.47 1.35 0.00	44.10 1.26 0.00	47.91 1.22 0.00	49.81 1.41 0.00	57.79 1.64 0.00	141.09 2.43 1.90	72.03 1.77 0.00	48.60 1.98 0.00	54.19 1.99 -11.12	181.72 2.28 -140.00	145.25 2.44 -98.92	87.17 2.04 -50.11	68.01 2.06 -30.47	56.58 3.15 -1.82	61.93 2.96 -2.80	40.86 1.83 0.00	38.84 1.39 -5.11	39.98 1.30 -1.42	34.67 1.03 0.00
HOLTSVILLE_IC_6 23695	42.12 2.35 0.00	46.10 2.16 0.00	41.28 1.89 0.00	38.72 1.57 0.00	36.15 1.56 0.00	38.62 1.50 0.00	44.29 1.46 0.00	48.13 1.44 0.00	50.05 1.65 0.00	58.12 1.97 0.00	141.98 3.30 1.89	72.45 2.20 0.00	48.89 2.27 0.00	54.54 2.25 -11.20	182.31 2.56 -140.31	146.11 2.74 -99.48	87.65 2.28 -50.35	68.40 2.34 -30.57	56.96 3.53 -1.82	62.34 3.37 -2.80	41.12 2.09 0.00	39.04 1.59 -5.11	40.18 1.49 -1.42	34.82 1.17 0.00
HOLTSVILLE_IC_7 23696	42.12 2.35 0.00	46.10 2.16 0.00	41.28 1.89 0.00	38.72 1.57 0.00	36.15 1.56 0.00	38.62 1.50 0.00	44.29 1.46 0.00	48.13 1.44 0.00	50.05 1.65 0.00	58.12 1.97 0.00	141.98 3.30 1.89	72.45 2.20 0.00	48.89 2.27 0.00	54.54 2.25 -11.20	182.31 2.56 -140.31	146.11 2.74 -99.48	87.65 2.28 -50.35	68.40 2.34 -30.57	56.96 3.53 -1.82	62.34 3.37 -2.80	41.12 2.09 0.00	39.04 1.59 -5.11	40.18 1.49 -1.42	34.82 1.17 0.00
HOLTSVILLE_IC_8 23697	42.12 2.35 0.00	46.10 2.16 0.00	41.28 1.89 0.00	38.72 1.57 0.00	36.15 1.56 0.00	38.62 1.50 0.00	44.29 1.46 0.00	48.13 1.44 0.00	50.05 1.65 0.00	58.12 1.97 0.00	141.98 3.30 1.89	72.45 2.20 0.00	48.89 2.27 0.00	54.54 2.25 -11.20	182.31 2.56 -140.31	146.11 2.74 -99.48	87.65 2.28 -50.35	68.40 2.34 -30.57	56.96 3.53 -1.82	62.34 3.37 -2.80	41.12 2.09 0.00	39.04 1.59 -5.11	40.18 1.49 -1.42	34.82 1.17 0.00
HOLTSVILLE_IC_9 23698	42.12 2.35 0.00	46.10 2.16 0.00	41.28 1.89 0.00	38.72 1.57 0.00	36.15 1.56 0.00	38.62 1.50 0.00	44.29 1.46 0.00	48.13 1.44 0.00	50.05 1.65 0.00	58.12 1.97 0.00	141.98 3.30 1.89	72.45 2.20 0.00	48.89 2.27 0.00	54.54 2.25 -11.20	182.31 2.56 -140.31	146.11 2.74 -99.48	87.65 2.28 -50.35	68.40 2.34 -30.57	56.96 3.53 -1.82	62.34 3.37 -2.80	41.12 2.09 0.00	39.04 1.59 -5.11	40.18 1.49 -1.42	34.82 1.17 0.00
HOMER_HL_115KV_TB2 355744	37.29 -2.47 0.00	41.47 -2.47 0.00	37.10 -2.30 0.00	35.02 -2.13 0.00	32.78 -1.81 0.00	35.07 -2.05 0.00	40.13 -2.71 0.00	43.87 -2.83 0.00	44.84 -3.55 0.00	52.03 -4.13 0.00	130.62 -9.89 0.05	65.08 -5.00 0.17	42.84 -3.63 0.16	37.20 -3.64 0.24	35.59 -3.46 0.39	40.24 -3.65 0.00	32.44 -2.58 0.00	32.86 -2.63 0.00	47.05 -4.07 0.49	52.42 -3.75 0.00	36.83 -2.20 0.00	30.18 -2.15 0.00	34.91 -2.35 0.00	31.51 -2.14 0.00
HOWARD_WT_PWR 323690	38.30 -1.46 0.00	42.56 -1.38 0.00	38.15 -1.25 0.00	36.01 -1.14 0.00	33.76 -0.82 0.00	36.21 -0.90 0.00	41.37 -1.46 0.00	45.06 -1.63 0.00	46.24 -2.16 0.00	53.70 -2.45 0.00	134.45 -6.07 0.04	66.74 -3.38 0.14	43.51 -2.84 0.27	40.11 -3.16 -2.19	40.28 -2.63 -3.47	41.21 -2.68 0.00	33.34 -1.68 0.00	33.58 -1.91 0.00	48.47 -2.77 0.37	54.24 -2.52 -0.59	37.64 -1.38 0.00	31.02 -1.32 0.00	36.06 -1.20 0.00	32.42 -1.22 0.00
HQ_GEN_CEDARS 23644	39.98 0.23 0.00	44.49 0.55 0.00	39.96 0.56 0.00	37.71 0.56 0.00	35.08 0.49 0.00	37.67 0.55 0.00	43.82 0.99 0.00	47.97 1.27 0.00	49.63 1.24 0.00	57.60 1.44 0.00	144.62 4.06 0.00	71.99 1.74 0.00	47.60 0.98 0.00	41.81 0.72 0.00	39.97 0.53 0.00	44.37 0.48 0.00	35.45 0.43 0.00	36.11 0.62 0.00	52.72 1.12 0.00	57.73 1.56 0.00	40.16 1.13 0.00	33.28 0.94 0.00	38.35 1.08 0.00	34.69 1.05 0.00
HQ_GEN_CEDARS_PROXY 323590	38.66 0.23 1.33	44.49 0.55 0.00	39.96 0.56 0.00	37.71 0.56 0.00	35.08 0.49 0.00	37.67 0.55 0.00	43.82 0.99 0.00	47.97 1.27 0.00	49.63 1.24 0.00	57.59 1.44 0.00	144.55 3.98 0.00	71.99 1.73 0.00	47.60 0.98 0.00	41.81 0.73 0.00	39.98 0.54 0.00	44.37 0.48 0.00	35.45 0.43 0.00	36.11 0.62 0.00	52.72 1.11 0.00	57.72 1.55 0.00	40.16 1.13 0.00	32.61 0.94 0.67	38.35 1.08 0.00	34.69 1.05 0.00

HQ_GEN_IMPORT 323601	35.56 -0.07 4.13	43.98 0.04 0.00	39.82 0.08 -0.34	37.24 0.09 0.00	34.66 0.08 0.00	37.22 0.10 0.00	43.36 0.40 -0.13	47.17 0.47 0.00	48.48 0.44 0.36	56.68 0.52 0.00	142.02 1.46 0.00	70.77 0.52 0.00	46.90 0.29 0.00	41.27 0.18 0.00	38.44 0.13 0.13	43.99 0.10 0.00	35.12 0.11 0.00	35.67 0.19 0.00	51.95 0.34 0.00	56.67 0.51 0.00	40.92 0.38 -1.51	32.66 0.32 0.00	37.65 0.38 0.00	34.06 0.42 0.00
HQ_GEN_WHEEL 23651	35.56 -0.07 4.13	43.98 0.04 0.00	39.82 0.08 -0.34	37.24 0.09 0.00	34.66 0.08 0.00	37.22 0.10 0.00	43.36 0.40 -0.13	47.17 0.47 0.00	48.48 0.44 0.36	56.68 0.52 0.00	142.02 1.46 0.00	70.77 0.52 0.00	46.90 0.29 0.00	41.27 0.18 0.00	38.44 0.13 0.13	43.99 0.10 0.00	35.12 0.11 0.00	35.67 0.19 0.00	51.95 0.34 0.00	56.67 0.51 0.00	40.92 0.38 -1.51	32.66 0.32 0.00	37.65 0.38 0.00	34.06 0.42 0.00
HUDSON AVE_GT_3 23810	42.11 2.36 0.00	46.22 2.28 0.00	41.31 1.91 0.00	38.87 1.73 0.00	36.20 1.61 0.00	38.69 1.58 0.00	44.43 1.60 0.00	48.44 1.74 0.00	50.43 2.04 0.00	58.68 2.53 0.00	146.66 6.10 0.00	74.07 3.82 0.00	49.58 2.96 0.00	44.03 2.94 0.00	142.21 2.87 -99.89	68.47 3.17 -21.41	55.40 2.41 -17.98	53.89 2.25 -16.15	56.72 3.29 -1.82	62.16 3.18 -2.81	41.00 1.97 0.00	39.04 1.57 -5.14	40.41 1.72 -1.43	35.02 1.38 0.00
HUDSON AVE_GT_4 23540	42.11 2.36 0.00	46.22 2.28 0.00	41.31 1.91 0.00	38.87 1.73 0.00	36.20 1.61 0.00	38.69 1.58 0.00	44.43 1.60 0.00	48.44 1.74 0.00	50.43 2.04 0.00	58.68 2.53 0.00	146.66 6.10 0.00	74.07 3.82 0.00	49.58 2.96 0.00	44.03 2.94 0.00	142.21 2.87 -99.89	68.47 3.17 -21.41	55.40 2.41 -17.98	53.89 2.25 -16.15	56.72 3.29 -1.82	62.16 3.18 -2.81	41.00 1.97 0.00	39.04 1.57 -5.14	40.41 1.72 -1.43	35.02 1.38 0.00
HUDSON AVE_GT_5 23657	42.11 2.36 0.00	46.22 2.28 0.00	41.31 1.91 0.00	38.87 1.73 0.00	36.20 1.61 0.00	38.69 1.58 0.00	44.43 1.60 0.00	48.44 1.74 0.00	50.43 2.04 0.00	58.68 2.53 0.00	146.66 6.10 0.00	74.07 3.82 0.00	49.58 2.96 0.00	44.03 2.94 0.00	142.21 2.87 -99.89	68.47 3.17 -21.41	55.40 2.41 -17.98	53.89 2.25 -16.15	56.72 3.29 -1.82	62.16 3.18 -2.81	41.00 1.97 0.00	39.04 1.57 -5.14	40.41 1.72 -1.43	35.02 1.38 0.00
HUDSON_AVE_10 24168	31.95 2.12 9.93	45.95 2.02 0.02	41.08 1.70 0.02	38.65 1.52 0.02	35.99 1.42 0.02	38.49 1.38 0.01	44.19 1.36 0.00	48.19 1.49 0.00	50.17 1.78 0.00	58.38 2.23 0.00	146.98 5.27 -1.15	73.70 3.45 0.00	49.33 2.72 0.00	43.81 2.72 0.00	142.65 2.68 -100.54	68.24 2.94 -21.41	55.22 2.22 -17.98	53.68 2.05 -16.15	56.47 3.04 -1.82	61.91 2.93 -2.81	40.79 1.76 0.00	38.86 1.39 -5.14	40.21 1.52 -1.43	34.84 1.20 0.00
HUDSON___115KV_TB 4 355613	41.44 1.68 0.00	45.72 1.77 0.00	40.95 1.56 0.00	38.59 1.45 0.00	35.88 1.29 0.00	38.53 1.41 0.00	44.26 1.42 0.00	48.21 1.52 0.00	50.02 1.62 0.00	57.83 1.68 0.00	145.10 4.53 0.00	72.52 2.27 0.00	48.08 1.46 0.00	42.68 1.60 0.00	41.03 1.34 -0.25	45.18 1.29 0.00	37.28 0.96 -1.30	36.59 1.11 0.00	53.26 1.61 -0.04	58.31 1.75 -0.39	40.19 1.16 0.00	34.02 0.97 -0.72	38.46 1.00 -0.20	34.47 0.82 0.00
HUNTER MOUNT___DRP 323613	41.56 1.81 0.00	45.86 1.92 0.00	41.09 1.69 0.00	38.72 1.57 0.00	35.99 1.40 0.00	38.67 1.56 0.00	44.42 1.59 0.00	48.41 1.72 0.00	50.22 1.83 0.00	58.06 1.90 0.00	145.66 5.10 0.00	72.75 2.50 0.00	48.26 1.64 0.00	42.85 1.77 0.00	40.99 1.38 -0.17	45.26 1.37 0.00	37.12 1.10 -1.00	36.68 1.19 0.00	53.40 1.76 -0.03	58.36 1.92 -0.27	40.34 1.31 0.00	33.91 1.09 -0.49	38.52 1.12 -0.14	34.58 0.93 0.00
HUNTINGTON_RES_REC 323705	42.28 2.52 0.00	46.29 2.36 0.00	41.43 2.04 0.00	38.88 1.73 0.00	36.26 1.68 0.00	38.75 1.63 0.00	44.45 1.62 0.00	48.33 1.64 0.00	50.20 1.80 0.00	58.37 2.22 0.00	142.37 3.74 1.94	72.73 2.48 0.00	49.05 2.43 0.00	54.78 2.45 -11.25	182.77 2.88 -140.45	146.87 3.18 -99.80	88.07 2.58 -50.48	68.60 2.48 -30.63	57.12 3.70 -1.82	62.52 3.55 -2.80	41.21 2.18 0.00	39.10 1.65 -5.11	40.29 1.61 -1.42	34.89 1.25 0.00
HUNTLEY___63 23557	37.08 -2.68 0.00	41.25 -2.69 0.00	36.83 -2.57 0.00	34.74 -2.41 0.00	32.51 -2.08 0.00	34.88 -2.24 0.00	39.89 -2.95 0.00	43.32 -3.37 0.00	43.99 -4.41 0.00	50.75 -5.40 0.00	127.17 -13.34 0.05	63.27 -6.78 0.20	41.58 -4.91 0.13	35.55 -4.84 0.70	33.87 -4.46 1.11	39.11 -4.78 0.00	31.51 -3.51 0.00	32.18 -3.30 0.00	46.03 -5.00 0.58	51.23 -4.94 0.00	36.21 -2.82 0.00	29.74 -2.60 0.00	34.51 -2.75 0.00	31.36 -2.28 0.00
HUNTLEY___64 23558	37.08 -2.68 0.00	41.25 -2.69 0.00	36.83 -2.57 0.00	34.74 -2.41 0.00	32.51 -2.08 0.00	34.88 -2.24 0.00	39.89 -2.95 0.00	43.32 -3.37 0.00	43.99 -4.41 0.00	50.75 -5.40 0.00	127.17 -13.34 0.05	63.27 -6.78 0.20	41.58 -4.91 0.13	35.55 -4.84 0.70	33.87 -4.46 1.11	39.11 -4.78 0.00	31.51 -3.51 0.00	32.18 -3.30 0.00	46.03 -5.00 0.58	51.23 -4.94 0.00	36.21 -2.82 0.00	29.74 -2.60 0.00	34.51 -2.75 0.00	31.36 -2.28 0.00
HUNTLEY___65 23559	37.08 -2.68 0.00	41.25 -2.69 0.00	36.83 -2.57 0.00	34.74 -2.41 0.00	32.51 -2.08 0.00	34.88 -2.24 0.00	39.89 -2.95 0.00	43.32 -3.37 0.00	43.99 -4.41 0.00	50.75 -5.40 0.00	127.17 -13.34 0.05	63.27 -6.78 0.20	41.58 -4.91 0.13	35.55 -4.84 0.70	33.87 -4.46 1.11	39.11 -4.78 0.00	31.51 -3.51 0.00	32.18 -3.30 0.00	46.03 -5.00 0.58	51.23 -4.94 0.00	36.21 -2.82 0.00	29.74 -2.60 0.00	34.51 -2.75 0.00	31.36 -2.28 0.00
HUNTLEY___66 23560	37.08 -2.68 0.00	41.25 -2.69 0.00	36.83 -2.57 0.00	34.74 -2.41 0.00	32.51 -2.08 0.00	34.88 -2.24 0.00	39.89 -2.95 0.00	43.32 -3.37 0.00	43.99 -4.41 0.00	50.75 -5.40 0.00	127.17 -13.34 0.05	63.27 -6.78 0.20	41.58 -4.91 0.13	35.55 -4.84 0.70	33.87 -4.46 1.11	39.11 -4.78 0.00	31.51 -3.51 0.00	32.18 -3.30 0.00	46.03 -5.00 0.58	51.23 -4.94 0.00	36.21 -2.82 0.00	29.74 -2.60 0.00	34.51 -2.75 0.00	31.36 -2.28 0.00
HUNTLEY___67 23561	36.86 -2.90 0.00	41.04 -2.90 0.00	36.66 -2.74 0.00	34.59 -2.56 0.00	32.35 -2.23 0.00	34.70 -2.42 0.00	39.69 -3.14 0.00	43.12 -3.58 0.00	43.83 -4.57 0.00	50.58 -5.57 0.00	126.72 -13.80 0.05	63.06 -6.99 0.20	41.45 -5.03 0.13	35.33 -4.94 0.80	33.58 -4.58 1.28	38.99 -4.90 0.00	31.41 -3.61 0.00	32.03 -3.46 0.00	45.82 -5.22 0.57	51.00 -5.16 0.00	36.01 -3.02 0.00	29.58 -2.76 0.00	34.33 -2.93 0.00	31.19 -2.45 0.00
HUNTLEY___68 23562	36.86 -2.90 0.00	41.04 -2.90 0.00	36.66 -2.74 0.00	34.59 -2.56 0.00	32.35 -2.23 0.00	34.70 -2.42 0.00	39.69 -3.14 0.00	43.12 -3.58 0.00	43.83 -4.57 0.00	50.58 -5.57 0.00	126.72 -13.80 0.05	63.06 -6.99 0.20	41.45 -5.03 0.13	35.33 -4.94 0.80	33.58 -4.58 1.28	38.99 -4.90 0.00	31.41 -3.61 0.00	32.03 -3.46 0.00	45.82 -5.22 0.57	51.00 -5.16 0.00	36.01 -3.02 0.00	29.58 -2.76 0.00	34.33 -2.93 0.00	31.19 -2.45 0.00

HYLAND___LFGE 323620	40.01 0.25 0.00	44.32 0.37 0.00	39.60 0.20 0.00	37.33 0.18 0.00	34.90 0.31 0.00	37.50 0.38 0.00	43.05 0.22 0.00	47.02 0.33 0.00	48.41 0.01 0.00	56.01 -0.14 0.00	139.82 -0.69 0.05	68.55 -1.52 0.18	44.73 -1.72 0.17	41.35 -2.21 -2.47	41.44 -1.92 -3.92	42.22 -1.67 0.00	33.98 -1.03 0.00	34.90 -0.59 0.00	50.52 -0.58 0.51	56.18 0.01 0.00	39.60 0.57 0.00	32.58 0.24 0.00	37.54 0.28 0.00	33.80 0.16 0.00
INDECK___CORINTH 23802	42.78 3.02 0.00	47.24 3.30 0.00	42.22 2.82 0.00	39.85 2.70 0.00	37.07 2.49 0.00	39.66 2.54 0.00	45.51 2.68 0.00	49.63 2.94 0.00	51.55 3.15 0.00	59.86 3.71 0.00	149.14 8.58 0.00	74.85 4.60 0.00	49.20 2.59 0.00	42.73 1.65 0.00	58.88 1.38 -18.07	49.10 1.34 -3.87	39.08 1.09 -2.98	39.58 1.19 -2.91	53.78 1.85 -0.33	58.77 2.12 -0.48	40.40 1.37 0.00	34.37 1.16 -0.87	38.82 1.32 -0.24	34.71 1.06 0.00
INDECK___ILION 23567	40.41 0.65 0.00	44.73 0.78 0.00	40.08 0.69 0.00	37.83 0.68 0.00	35.20 0.62 0.00	37.82 0.70 0.00	43.45 0.62 0.00	47.33 0.63 0.00	49.14 0.74 0.00	57.04 0.88 0.00	142.81 2.24 0.00	71.52 1.26 0.00	47.49 0.88 0.00	41.86 0.77 0.00	40.17 0.73 0.00	44.60 0.71 0.00	35.43 0.41 0.00	35.92 0.44 0.00	52.39 0.78 0.00	56.98 0.81 0.00	39.54 0.52 0.00	32.79 0.46 0.00	37.73 0.47 0.00	33.96 0.32 0.00
INDECK___OLEAN 23982	37.29 -2.47 0.00	41.48 -2.47 0.00	37.10 -2.30 0.00	35.02 -2.13 0.00	32.78 -1.80 0.00	35.07 -2.05 0.00	40.13 -2.71 0.00	43.87 -2.83 0.00	44.84 -3.55 0.00	52.03 -4.13 0.00	130.80 -9.71 0.05	65.08 -5.00 0.17	42.83 -3.63 0.16	37.20 -3.64 0.24	35.63 -3.43 0.39	40.26 -3.63 0.00	32.45 -2.56 0.00	32.87 -2.62 0.00	47.07 -4.05 0.49	52.42 -3.74 0.00	36.81 -2.22 0.00	30.18 -2.15 0.00	34.91 -2.35 0.00	31.51 -2.14 0.00
INDECK___OSWEGO 23783	38.73 -1.03 0.00	42.76 -1.18 0.00	38.32 -1.08 0.00	36.13 -1.02 0.00	33.66 -0.92 0.00	36.15 -0.97 0.00	41.53 -1.30 0.00	45.27 -1.43 0.00	46.92 -1.47 0.00	54.43 -1.72 0.00	136.30 -4.34 -0.08	68.39 -2.15 -0.30	45.21 -1.47 -0.06	39.74 -1.34 0.00	38.09 -1.35 0.00	42.45 -1.44 0.00	33.94 -1.07 0.00	34.39 -1.09 0.00	51.03 -1.66 -1.08	59.83 -1.78 -5.45	37.82 -1.21 0.00	31.32 -1.02 0.00	36.12 -1.14 0.00	32.54 -1.10 0.00
INDECK___YERKES 23781	37.11 -2.65 0.00	41.29 -2.65 0.00	36.87 -2.53 0.00	34.78 -2.37 0.00	32.54 -2.04 0.00	34.92 -2.20 0.00	39.92 -2.91 0.00	43.37 -3.33 0.00	44.04 -4.35 0.00	50.81 -5.35 0.00	127.55 -12.96 0.05	63.36 -6.69 0.20	41.63 -4.86 0.13	35.59 -4.79 0.70	33.96 -4.38 1.11	39.18 -4.72 0.00	31.57 -3.44 0.00	32.24 -3.24 0.00	46.09 -4.93 0.58	51.30 -4.87 0.00	36.22 -2.81 0.00	29.78 -2.56 0.00	34.55 -2.71 0.00	31.39 -2.25 0.00
INDIAN POINT_GT_1 24139	41.62 1.86 0.00	45.71 1.76 0.00	40.88 1.49 0.00	38.49 1.34 0.00	35.83 1.25 0.00	38.32 1.21 0.00	44.03 1.19 0.00	47.99 1.30 0.00	49.93 1.53 0.00	58.04 1.88 0.00	145.01 4.45 0.00	73.13 2.88 0.00	48.88 2.26 0.00	43.39 2.31 0.00	662.94 2.32 -621.18	181.61 2.62 -135.09	99.01 1.99 -62.01	139.25 1.85 -101.92	64.20 2.68 -9.91	61.78 2.54 -3.07	40.59 1.56 0.00	39.18 1.23 -5.60	40.15 1.33 -1.56	34.69 1.05 0.00
INDIAN POINT_GT_2 23659	41.62 1.86 0.00	45.71 1.76 0.00	40.88 1.49 0.00	38.49 1.34 0.00	35.83 1.25 0.00	38.32 1.21 0.00	44.03 1.19 0.00	47.99 1.30 0.00	49.93 1.53 0.00	58.04 1.88 0.00	145.01 4.45 0.00	73.13 2.88 0.00	48.88 2.26 0.00	43.39 2.31 0.00	662.94 2.32 -621.18	181.61 2.62 -135.09	99.01 1.99 -62.01	139.25 1.85 -101.92	64.20 2.68 -9.91	61.78 2.54 -3.07	40.59 1.56 0.00	39.18 1.23 -5.60	40.15 1.33 -1.56	34.69 1.05 0.00
INDIAN POINT_GT_3 24019	41.62 1.86 0.00	45.71 1.76 0.00	40.88 1.49 0.00	38.49 1.34 0.00	35.83 1.25 0.00	38.32 1.21 0.00	44.03 1.19 0.00	47.99 1.30 0.00	49.93 1.53 0.00	58.04 1.88 0.00	145.01 4.45 0.00	73.13 2.88 0.00	48.88 2.26 0.00	43.39 2.31 0.00	662.94 2.32 -621.18	181.61 2.62 -135.09	99.01 1.99 -62.01	139.25 1.85 -101.92	64.20 2.68 -9.91	61.78 2.54 -3.07	40.59 1.56 0.00	39.18 1.23 -5.60	40.15 1.33 -1.56	34.69 1.05 0.00
INDIAN POINT___2 23530	41.56 1.80 0.00	45.66 1.72 0.00	40.84 1.44 0.00	38.41 1.27 0.00	35.78 1.20 0.00	38.27 1.15 0.00	43.96 1.13 0.00	47.92 1.22 0.00	49.84 1.44 0.00	57.94 1.78 0.00	144.76 4.20 0.00	73.04 2.78 0.00	48.80 2.19 0.00	43.29 2.21 0.00	-171.78 2.23 213.45	-0.65 2.54 47.08	31.53 1.93 5.42	1.75 1.79 35.52	51.27 2.59 2.93	62.41 2.45 -3.79	40.53 1.50 0.00	40.44 1.18 -6.93	40.48 1.29 -1.92	34.65 1.01 0.00
INDIAN POINT___3 23531	41.61 1.85 0.00	45.70 1.76 0.00	40.88 1.48 0.00	38.45 1.30 0.00	35.81 1.22 0.00	38.30 1.19 0.00	44.00 1.17 0.00	47.96 1.27 0.00	49.89 1.49 0.00	58.00 1.84 0.00	144.92 4.35 0.00	73.08 2.83 0.00	48.84 2.23 0.00	43.35 2.26 0.00	-85.32 2.27 127.03	18.33 2.58 28.14	36.93 1.95 0.04	16.06 1.81 21.23	52.57 2.62 1.66	61.78 2.49 -3.13	40.55 1.52 0.00	39.24 1.20 -5.71	40.17 1.32 -1.58	34.67 1.03 0.00
INGHAM_C_115KV_TB7 356103	41.14 1.38 0.00	45.58 1.64 0.00	40.80 1.40 0.00	38.54 1.39 0.00	35.87 1.29 0.00	38.57 1.45 0.00	44.14 1.31 0.00	48.06 1.36 0.00	49.98 1.58 0.00	58.01 1.86 0.00	145.31 4.75 0.00	72.88 2.63 0.00	48.39 1.77 0.00	42.61 1.52 0.00	40.88 1.44 0.00	45.27 1.38 0.00	35.78 0.76 0.00	36.30 0.82 0.00	53.14 1.53 0.00	57.81 1.64 0.00	40.11 1.08 0.00	33.32 0.98 0.00	38.29 1.03 0.00	34.37 0.73 0.00
IP CORINTH___1 23988	42.78 3.02 0.00	47.24 3.30 0.00	42.22 2.82 0.00	39.85 2.70 0.00	37.07 2.49 0.00	39.65 2.54 0.00	45.51 2.68 0.00	49.63 2.93 0.00	51.54 3.15 0.00	59.86 3.71 0.00	149.16 8.59 0.00	74.86 4.61 0.00	49.29 2.67 0.00	42.91 1.82 0.00	59.07 1.57 -18.07	49.33 1.57 -3.87	39.27 1.28 -2.98	39.78 1.38 -2.91	54.05 2.12 -0.33	59.07 2.43 -0.48	40.62 1.59 0.00	34.53 1.33 -0.87	39.01 1.50 -0.24	34.87 1.23 0.00
IP___TICONDEROGA 23804	44.86 5.10 0.00	49.65 5.71 0.00	44.16 4.76 0.00	41.84 4.69 0.00	39.05 4.46 0.00	41.36 4.24 0.00	47.24 4.41 0.00	51.50 4.81 0.00	53.54 5.14 0.00	62.40 6.24 0.00	156.33 15.76 0.00	78.25 8.00 0.00	51.87 5.25 0.00	45.23 4.15 0.00	61.31 3.65 -18.21	51.43 3.64 -3.90	41.23 3.21 -3.00	41.39 2.97 -2.94	56.16 4.22 -0.33	61.59 4.94 -0.48	42.22 3.19 0.00	35.85 2.63 -0.88	40.60 3.09 -0.24	36.23 2.59 0.00
ISLIP_RES_REC 323679	42.32 2.56 0.00	46.31 2.37 0.00	41.44 2.05 0.00	38.88 1.73 0.00	36.29 1.70 0.00	38.77 1.65 0.00	44.47 1.64 0.00	48.35 1.65 0.00	50.30 1.90 0.00	58.43 2.28 0.00	142.81 4.12 1.87	72.84 2.59 0.00	49.14 2.52 0.00	54.82 2.49 -11.25	182.75 2.80 -140.52	146.76 3.02 -99.85	88.05 2.53 -50.50	68.70 2.57 -30.64	57.29 3.86 -1.82	62.69 3.72 -2.80	41.35 2.32 0.00	39.22 1.77 -5.11	40.36 1.69 -1.42	34.96 1.32 0.00

JAMAICA__27_KV_LOAD 355505	31.99 2.16 9.93	45.97 2.04 0.02	41.10 1.71 0.02	38.67 1.54 0.02	36.01 1.44 0.02	38.53 1.43 0.01	44.26 1.43 0.00	48.28 1.59 0.00	50.29 1.89 0.00	58.51 2.36 0.00	147.51 5.50 -1.44	73.85 3.60 0.00	49.43 2.81 0.00	43.90 2.81 -0.01	142.92 2.77 -100.70	68.34 3.05 -21.41	55.30 2.31 -17.98	53.75 2.12 -16.15	56.60 3.17 -1.82	62.13 3.15 -2.81	40.90 1.87 0.00	38.94 1.47 -5.14	40.29 1.61 -1.43	34.89 1.25 0.00
JANIS__SOLAR 323808	40.29 0.53 0.00	44.57 0.63 0.00	39.95 0.56 0.00	37.83 0.68 0.00	35.31 0.72 0.00	37.95 0.83 0.00	43.63 0.79 0.00	47.68 0.99 0.00	49.31 0.91 0.00	57.21 1.06 0.00	143.36 2.81 0.01	71.72 1.53 0.05	47.69 0.85 -0.22	41.65 0.41 -0.15	39.68 0.00 -0.24	44.10 0.21 0.00	35.57 0.56 0.00	36.02 0.54 0.00	52.60 1.10 0.10	58.85 1.58 -1.11	40.17 1.14 0.00	33.10 0.76 0.00	38.13 0.87 0.00	34.26 0.62 0.00
JARVIS____ 23743	39.92 0.16 0.00	44.12 0.17 0.00	39.56 0.16 0.00	37.30 0.14 0.00	34.71 0.13 0.00	37.26 0.15 0.00	42.89 0.06 0.00	46.74 0.05 0.00	48.48 0.08 0.00	56.24 0.09 0.00	140.74 0.18 0.00	70.40 0.16 0.00	46.75 0.14 0.00	41.24 0.16 0.00	39.60 0.16 0.00	44.06 0.16 0.00	35.12 0.11 0.00	35.55 0.07 0.00	51.73 0.12 0.00	56.23 0.06 0.00	39.07 0.04 0.00	32.37 0.03 0.00	37.28 0.02 0.00	33.62 -0.02 0.00
JENNISON____1 23625	39.62 -0.14 0.00	44.04 0.10 0.00	39.87 0.47 0.00	38.06 0.92 0.00	35.51 0.92 0.00	38.15 1.03 0.00	43.85 1.01 0.00	47.91 1.21 0.00	49.57 1.17 0.00	57.62 1.46 0.00	144.39 3.84 0.01	71.96 1.76 0.05	47.76 1.11 -0.04	41.96 0.87 0.00	40.09 0.64 0.00	44.71 0.81 0.00	35.97 0.95 0.00	36.49 1.01 0.00	53.13 1.63 0.11	58.84 1.88 -0.80	40.34 1.32 0.00	33.27 0.93 0.00	38.30 1.04 0.00	34.42 0.78 0.00
JENNISON____2 23626	39.62 -0.14 0.00	44.04 0.10 0.00	39.87 0.47 0.00	38.06 0.92 0.00	35.51 0.92 0.00	38.15 1.03 0.00	43.85 1.01 0.00	47.91 1.21 0.00	49.57 1.17 0.00	57.62 1.46 0.00	144.39 3.84 0.01	71.96 1.76 0.05	47.76 1.11 -0.04	41.96 0.87 0.00	40.09 0.64 0.00	44.71 0.81 0.00	35.97 0.95 0.00	36.49 1.01 0.00	53.13 1.63 0.11	58.84 1.88 -0.80	40.34 1.32 0.00	33.27 0.93 0.00	38.30 1.04 0.00	34.42 0.78 0.00
JERICOHO_RISE_WT_PWR 323719	38.93 -0.83 0.00	44.17 0.22 0.00	39.83 0.44 0.00	37.92 0.77 0.00	35.22 0.63 0.00	37.73 0.61 0.00	43.89 1.06 0.00	48.07 1.37 0.00	49.61 1.21 0.00	57.91 1.75 0.00	146.11 5.54 0.00	72.87 2.62 0.00	48.13 1.51 0.00	42.22 1.14 0.00	40.13 0.69 0.00	44.41 0.52 0.00	35.27 0.25 0.00	35.78 0.30 0.00	52.45 0.84 0.00	57.57 1.41 0.00	39.96 0.94 0.00	33.06 0.72 0.00	38.08 0.82 0.00	34.45 0.81 0.00
KATONAH__115KV_46KV_TB4 355592	41.91 2.15 0.00	46.02 2.08 0.00	41.14 1.74 0.00	38.71 1.56 0.00	36.04 1.46 0.00	38.55 1.43 0.00	44.28 1.45 0.00	48.28 1.58 0.00	50.24 1.84 0.00	58.45 2.30 0.00	146.05 5.49 0.00	73.69 3.44 0.00	49.29 2.67 0.00	43.78 2.69 0.00	124.69 2.69 -82.56	64.58 2.98 -17.71	51.99 2.26 -14.71	50.98 2.13 -13.36	56.17 3.07 -1.49	61.28 2.95 -2.17	40.86 1.83 0.00	37.74 1.45 -3.96	39.93 1.57 -1.10	34.88 1.24 0.00
KCE_NY_1 323755	42.12 2.36 0.00	46.60 2.66 0.00	41.63 2.23 0.00	39.26 2.11 0.00	36.51 1.92 0.00	39.13 2.01 0.00	44.93 2.10 0.00	48.99 2.29 0.00	50.82 2.42 0.00	58.97 2.81 0.00	147.45 6.89 0.00	73.99 3.74 0.00	49.00 2.39 0.00	43.05 1.97 0.00	59.70 1.85 -18.41	49.74 1.90 -3.94	39.59 1.54 -3.04	40.00 1.55 -2.97	54.29 2.35 -0.33	59.14 2.49 -0.49	40.68 1.65 0.00	34.58 1.36 -0.89	39.16 1.66 -0.25	34.96 1.32 0.00
KCE_NY_6_ESR 323823	37.23 -2.53 0.00	41.45 -2.50 0.00	37.01 -2.38 0.00	34.92 -2.23 0.00	32.71 -1.88 0.00	35.04 -2.08 0.00	40.08 -2.75 0.00	43.60 -3.09 0.00	44.38 -4.02 0.00	51.25 -4.91 0.00	128.64 -11.87 0.05	63.92 -6.14 0.19	42.02 -4.46 0.14	35.83 -4.43 0.82	34.04 -4.09 1.31	39.51 -4.39 0.00	31.82 -3.19 0.00	32.36 -3.12 0.00	46.31 -4.74 0.55	51.61 -4.56 0.00	36.41 -2.61 0.00	29.89 -2.45 0.00	34.71 -2.56 0.00	31.47 -2.18 0.00
KEDC PORT_JEFF_GT2 24210	42.07 2.31 0.00	46.06 2.12 0.00	41.24 1.85 0.00	38.69 1.54 0.00	36.12 1.53 0.00	38.59 1.47 0.00	44.26 1.43 0.00	48.09 1.40 0.00	50.00 1.61 0.00	58.08 1.92 0.00	141.83 3.16 1.90	72.42 2.17 0.00	48.85 2.23 0.00	54.41 2.15 -11.18	182.10 2.46 -140.20	145.73 2.55 -99.29	87.40 2.12 -50.27	68.14 2.12 -30.54	56.66 3.23 -1.82	62.11 3.15 -2.80	40.96 1.93 0.00	38.92 1.47 -5.11	40.04 1.36 -1.42	34.70 1.06 0.00
KEDC PORT_JEFF_GT3 24211	42.07 2.31 0.00	46.06 2.12 0.00	41.24 1.85 0.00	38.69 1.54 0.00	36.12 1.53 0.00	38.59 1.47 0.00	44.26 1.43 0.00	48.09 1.40 0.00	50.00 1.61 0.00	58.08 1.92 0.00	141.83 3.16 1.90	72.42 2.17 0.00	48.85 2.23 0.00	54.41 2.15 -11.18	182.10 2.46 -140.20	145.73 2.55 -99.29	87.40 2.12 -50.27	68.14 2.12 -30.54	56.66 3.23 -1.82	62.11 3.15 -2.80	40.96 1.93 0.00	38.92 1.47 -5.11	40.04 1.36 -1.42	34.70 1.06 0.00
KEDC_GLWD_GT4 24219	42.28 2.52 -0.01	46.38 2.43 0.00	41.47 2.07 0.00	38.97 1.82 0.00	36.31 1.73 0.00	38.82 1.71 0.00	44.58 1.74 0.00	48.54 1.85 0.00	50.49 2.10 0.00	58.78 2.62 0.00	145.69 5.60 0.47	73.85 3.59 0.00	49.26 2.64 -0.01	63.02 2.64 -19.31	213.70 2.71 -171.55	202.58 3.02 -155.67	111.03 2.31 -73.71	78.68 2.17 -41.03	56.60 3.18 -1.82	61.99 3.02 -2.80	41.02 1.99 0.00	39.08 1.63 -5.11	40.42 1.74 -1.42	35.03 1.38 0.00
KEDC_GLWD_GT5 24220	42.28 2.52 -0.01	46.38 2.43 0.00	41.47 2.07 0.00	38.97 1.82 0.00	36.31 1.73 0.00	38.82 1.71 0.00	44.58 1.74 0.00	48.54 1.85 0.00	50.49 2.10 0.00	58.78 2.62 0.00	145.69 5.60 0.47	73.85 3.59 0.00	49.26 2.64 -0.01	63.02 2.64 -19.31	213.70 2.71 -171.55	202.58 3.02 -155.67	111.03 2.31 -73.71	78.68 2.17 -41.03	56.60 3.18 -1.82	61.99 3.02 -2.80	41.02 1.99 0.00	39.08 1.63 -5.11	40.42 1.74 -1.42	35.03 1.38 0.00
KENSICO____ 23655	41.80 2.04 0.00	45.91 1.97 0.00	41.05 1.65 0.00	38.62 1.47 0.00	35.96 1.37 0.00	38.46 1.34 0.00	44.17 1.34 0.00	48.14 1.45 0.00	50.09 1.70 0.00	58.26 2.11 0.00	145.52 4.95 0.00	73.39 3.14 0.00	49.09 2.48 0.00	43.57 2.49 0.00	147.19 2.48 -105.27	69.25 2.79 -22.57	55.82 2.12 -18.69	54.49 1.98 -17.02	56.40 2.87 -1.92	61.83 2.75 -2.91	40.73 1.70 0.00	38.99 1.34 -5.31	40.20 1.46 -1.47	34.80 1.16 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.64 1.88 0.00	45.75 1.81 0.00	40.90 1.51 0.00	38.48 1.33 0.00	35.82 1.23 0.00	38.36 1.24 0.00	44.10 1.27 0.00	48.09 1.39 0.00	49.98 1.58 0.00	58.14 1.98 0.00	145.52 4.96 0.00	73.32 3.06 0.00	48.90 2.28 0.00	43.23 2.15 0.00	13.22 2.01 28.23	40.00 2.16 6.06	32.93 1.78 3.86	32.59 1.67 4.57	53.51 2.41 0.51	57.75 2.33 0.75	40.51 1.48 0.00	32.34 1.37 1.36	38.36 1.48 0.38	34.81 1.17 0.00

KIAC_JFK_GT1 23816	31.76 1.93 9.93	45.72 1.80 0.02	40.88 1.50 0.02	38.47 1.33 0.02	35.82 1.25 0.02	38.33 1.22 0.01	44.03 1.19 0.00	48.02 1.33 0.00	50.01 1.62 0.00	58.21 2.06 0.00	146.65 4.64 -1.44	73.47 3.22 0.00	49.12 2.50 0.00	43.54 2.45 -0.01	142.57 2.43 -100.70	67.94 2.64 -21.41	54.98 1.99 -17.98	53.41 1.78 -16.15	56.11 2.68 -1.82	61.59 2.61 -2.81	40.52 1.49 0.00	38.66 1.18 -5.14	40.07 1.38 -1.43	34.70 1.06 0.00
KIAC_JFK_GT2 23817	31.76 1.93 9.93	45.72 1.80 0.02	40.88 1.50 0.02	38.47 1.33 0.02	35.82 1.25 0.02	38.33 1.22 0.01	44.03 1.19 0.00	48.02 1.33 0.00	50.01 1.62 0.00	58.21 2.06 0.00	146.65 4.64 -1.44	73.47 3.22 0.00	49.12 2.50 0.00	43.54 2.45 -0.01	142.57 2.43 -100.70	67.94 2.64 -21.41	54.98 1.99 -17.98	53.41 1.78 -16.15	56.11 2.68 -1.82	61.59 2.61 -2.81	40.52 1.49 0.00	38.66 1.18 -5.14	40.07 1.38 -1.43	34.70 1.06 0.00
KIAC_JFK____ 323774	31.75 1.93 9.93	45.73 1.80 0.02	40.88 1.50 0.02	38.46 1.33 0.02	35.82 1.25 0.02	38.32 1.22 0.01	44.02 1.19 0.00	48.02 1.32 0.00	50.01 1.61 0.00	58.21 2.06 0.00	146.74 4.74 -1.44	73.47 3.22 0.00	49.12 2.50 0.00	43.54 2.45 -0.01	142.57 2.43 -100.70	67.93 2.64 -21.41	54.98 1.98 -17.98	53.41 1.78 -16.15	56.10 2.67 -1.82	61.58 2.60 -2.81	40.52 1.50 0.00	38.65 1.18 -5.14	40.07 1.38 -1.43	34.70 1.06 0.00
KINTIGH__24_KV_GSU 356498	37.14 -2.62 0.00	41.30 -2.65 0.00	36.91 -2.48 0.00	34.84 -2.31 0.00	32.56 -2.03 0.00	34.93 -2.19 0.00	39.98 -2.85 0.00	43.45 -3.24 0.00	44.30 -4.10 0.00	51.17 -4.98 0.00	128.39 -12.12 0.06	63.79 -6.23 0.22	41.98 -4.52 0.12	36.17 -4.42 0.49	34.60 -4.06 0.78	39.56 -4.33 0.00	31.83 -3.19 0.00	32.46 -3.02 0.00	46.41 -4.56 0.63	51.63 -4.54 0.00	36.31 -2.72 0.00	29.88 -2.45 0.00	34.63 -2.63 0.00	31.42 -2.23 0.00
KINTIGH____ 23543	37.13 -2.63 0.00	41.28 -2.66 0.00	36.89 -2.51 0.00	34.81 -2.34 0.00	32.53 -2.06 0.00	34.90 -2.22 0.00	39.95 -2.88 0.00	43.42 -3.27 0.00	44.27 -4.13 0.00	51.14 -5.02 0.00	128.08 -12.42 0.06	63.72 -6.31 0.22	41.94 -4.56 0.12	36.13 -4.46 0.49	34.54 -4.13 0.78	39.50 -4.39 0.00	31.79 -3.23 0.00	32.42 -3.07 0.00	46.36 -4.61 0.63	51.55 -4.62 0.00	36.30 -2.72 0.00	29.86 -2.48 0.00	34.60 -2.66 0.00	31.40 -2.25 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.26 -0.50 0.00	44.66 0.72 0.00	40.42 1.02 0.00	38.61 1.47 0.00	35.89 1.30 0.00	38.45 1.33 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.54 2.15 0.00	59.01 2.85 0.00	149.10 8.54 0.00	74.53 4.27 0.00	49.19 2.57 0.00	42.99 1.90 0.00	40.73 1.28 0.00	44.97 1.08 0.00	35.61 0.59 0.00	35.91 0.43 0.00	52.78 1.18 0.00	58.24 2.07 0.00	40.57 1.54 0.00	33.54 1.20 0.00	38.62 1.35 0.00	34.90 1.25 0.00
LACHUTE____HYDRO 323717	44.86 5.10 0.00	49.65 5.71 0.00	44.16 4.76 0.00	41.84 4.69 0.00	39.05 4.46 0.00	41.36 4.24 0.00	47.24 4.41 0.00	51.50 4.80 0.00	53.54 5.14 0.00	62.39 6.24 0.00	156.35 15.79 0.00	78.25 8.00 0.00	51.87 5.25 0.00	45.23 4.14 0.00	61.30 3.65 -18.21	51.43 3.64 -3.90	41.23 3.21 -3.00	41.39 2.97 -2.94	56.16 4.22 -0.33	61.59 4.94 -0.48	42.22 3.19 0.00	35.85 2.64 -0.88	40.60 3.09 -0.24	36.23 2.59 0.00
LAWRNCV_115KV_TB1 80681	40.12 0.36 0.00	44.74 0.80 0.00	40.22 0.82 0.00	37.95 0.80 0.00	35.28 0.70 0.00	37.91 0.79 0.00	44.13 1.30 0.00	48.31 1.61 0.00	50.01 1.61 0.00	58.06 1.91 0.00	145.80 5.23 0.00	72.56 2.31 0.00	47.91 1.30 0.00	42.07 0.98 0.00	40.09 0.65 0.00	44.42 0.54 0.00	35.49 0.48 0.00	36.19 0.71 0.00	52.97 1.36 0.00	58.14 1.97 0.00	40.44 1.42 0.00	33.48 1.15 0.00	38.57 1.30 0.00	34.84 1.20 0.00
LEDERLE____ 23769	41.76 2.01 0.00	45.87 1.93 0.00	41.04 1.64 0.00	38.59 1.44 0.00	35.94 1.35 0.00	38.44 1.32 0.00	44.18 1.35 0.00	48.17 1.47 0.00	50.08 1.69 0.00	58.26 2.10 0.00	145.64 5.08 0.00	73.48 3.24 0.00	49.12 2.50 0.00	43.57 2.49 0.00	-98.52 2.51 140.47	16.67 2.86 30.09	14.59 2.19 22.62	14.83 2.05 22.70	51.96 2.93 2.58	54.91 2.82 4.08	40.78 1.75 0.00	26.27 1.38 7.45	36.71 1.51 2.07	34.84 1.20 0.00
LIGHTHSE_115KV_TB6 355974	39.40 -0.36 0.00	43.74 -0.20 0.00	39.24 -0.15 0.00	36.96 -0.18 0.00	34.37 -0.21 0.00	36.99 -0.13 0.00	42.58 -0.26 0.00	46.39 -0.31 0.00	48.15 -0.25 0.00	55.92 -0.24 0.00	139.95 -0.62 -0.02	70.03 -0.28 -0.06	46.24 -0.39 -0.01	40.57 -0.51 0.00	38.70 -0.74 0.00	43.06 -0.83 0.00	34.54 -0.47 0.00	35.01 -0.47 0.00	51.33 -0.57 -0.28	58.42 -0.49 -2.74	38.68 -0.35 0.00	32.00 -0.33 0.00	36.92 -0.34 0.00	33.17 -0.47 0.00
LINDEN COGEN____ 23786	41.81 2.05 0.00	45.87 1.93 0.00	41.02 1.63 0.00	38.61 1.46 0.00	35.96 1.38 0.00	38.42 1.30 0.00	44.10 1.27 0.00	48.07 1.38 0.00	50.03 1.64 0.00	58.22 2.06 0.00	145.44 4.88 0.00	73.49 3.24 0.00	49.18 2.56 0.00	43.67 2.59 0.00	141.87 2.53 -99.89	68.05 2.76 -21.40	55.08 2.08 -17.98	53.52 1.90 -16.14	56.26 2.83 -1.82	61.65 2.67 -2.81	40.67 1.64 0.00	38.74 1.28 -5.13	40.09 1.41 -1.42	34.76 1.12 0.00
LINDHRST_69_KV_BK1 356055	42.52 2.76 0.00	46.63 2.69 0.00	41.71 2.31 0.00	39.15 2.00 0.00	36.53 1.94 0.00	39.03 1.91 0.00	44.76 1.93 0.00	48.66 1.97 0.00	50.61 2.21 0.00	58.83 2.67 0.00	143.70 5.12 1.98	73.38 3.13 0.00	49.38 2.76 0.00	56.29 2.72 -12.49	187.61 2.89 -145.28	155.25 3.16 -108.20	91.64 2.62 -54.01	70.24 2.53 -32.23	57.24 3.82 -1.82	62.68 3.71 -2.80	41.36 2.33 0.00	39.23 1.79 -5.11	40.50 1.81 -1.42	35.08 1.44 0.00
LIPA_MISC_IPP 23656	41.69 1.93 0.00	45.65 1.71 0.00	40.87 1.48 0.00	38.34 1.19 0.00	35.78 1.20 0.00	38.23 1.12 0.00	43.86 1.03 0.00	47.67 0.98 0.00	49.57 1.17 0.00	57.56 1.40 0.00	140.69 2.02 1.90	71.73 1.48 0.00	48.41 1.79 0.00	54.06 1.85 -11.13	181.65 2.16 -140.05	145.20 2.30 -99.01	87.13 1.97 -50.15	67.98 2.01 -30.49	56.50 3.07 -1.82	61.82 2.85 -2.80	40.76 1.73 0.00	38.77 1.32 -5.11	39.86 1.18 -1.42	34.53 0.88 0.00
LISF____SOLAR 323691	41.78 2.02 0.00	45.74 1.79 0.00	40.93 1.53 0.00	38.40 1.25 0.00	35.84 1.25 0.00	38.29 1.18 0.00	43.92 1.09 0.00	47.74 1.05 0.00	49.66 1.26 0.00	57.66 1.50 0.00	140.78 2.11 1.90	71.80 1.55 0.00	48.46 1.84 0.00	54.10 1.87 -11.15	181.74 2.19 -140.11	145.38 2.38 -99.11	87.26 2.05 -50.19	68.10 2.11 -30.50	56.63 3.21 -1.82	61.96 2.99 -2.80	40.86 1.83 0.00	38.85 1.40 -5.11	39.94 1.26 -1.42	34.59 0.95 0.00
LITTLE FALLS____HYD 24013	41.14 1.38 0.00	45.58 1.64 0.00	40.80 1.40 0.00	38.54 1.39 0.00	35.87 1.29 0.00	38.57 1.45 0.00	44.14 1.31 0.00	48.06 1.36 0.00	49.98 1.58 0.00	58.01 1.86 0.00	145.31 4.75 0.00	72.88 2.63 0.00	48.39 1.77 0.00	42.61 1.52 0.00	40.88 1.44 0.00	45.27 1.38 0.00	35.78 0.76 0.00	36.30 0.82 0.00	53.14 1.53 0.00	57.81 1.64 0.00	40.11 1.08 0.00	33.32 0.98 0.00	38.29 1.03 0.00	34.37 0.73 0.00

LITTLRIV_115KV_TB1 356100	40.65 0.89 0.00	45.32 1.38 0.00	40.72 1.32 0.00	38.42 1.27 0.00	35.69 1.10 0.00	38.38 1.26 0.00	44.72 1.89 0.00	48.96 2.27 0.00	50.70 2.30 0.00	58.82 2.67 0.00	147.61 7.05 0.00	73.41 3.16 0.00	48.42 1.80 0.00	42.49 1.41 0.00	40.35 0.91 0.00	44.50 0.61 0.00	35.60 0.59 0.00	36.39 0.91 0.00	53.42 1.80 -0.02	59.29 2.78 -0.35	41.05 2.03 0.00	33.97 1.63 0.00	39.11 1.85 0.00	35.31 1.67 0.00
LI_NEWBRDGE___DRP 323616	42.01 2.24 0.00	46.05 2.10 0.00	41.21 1.81 0.00	38.70 1.55 0.00	36.10 1.51 0.00	38.57 1.45 0.00	44.26 1.43 0.00	48.13 1.44 0.00	50.03 1.63 0.00	58.18 2.02 0.00	141.77 3.62 2.41	72.81 2.56 0.00	48.95 2.33 0.00	53.75 2.31 -10.36	178.81 2.48 -136.88	140.20 2.70 -93.62	85.04 2.11 -47.91	66.99 2.01 -29.49	56.45 3.03 -1.82	61.83 2.86 -2.80	40.77 1.74 0.00	38.77 1.32 -5.11	40.03 1.34 -1.42	34.67 1.03 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.88 -2.88 0.00	41.02 -2.92 0.00	36.65 -2.75 0.00	34.58 -2.57 0.00	32.32 -2.27 0.00	34.70 -2.41 0.00	39.68 -3.15 0.00	43.06 -3.63 0.00	43.65 -4.74 0.00	50.30 -5.85 0.00	126.06 -14.45 0.06	62.77 -7.28 0.21	41.13 -5.36 0.12	35.25 -5.23 0.60	33.67 -4.81 0.96	38.71 -5.19 0.00	31.17 -3.84 0.00	31.89 -3.59 0.00	45.57 -5.44 0.59	50.78 -5.39 0.00	35.93 -3.10 0.00	29.51 -2.82 0.00	34.26 -3.00 0.00	31.21 -2.43 0.00
LOCKPORT___CC1 323769	36.84 -2.92 0.00	41.01 -2.93 0.00	36.62 -2.78 0.00	34.56 -2.59 0.00	32.32 -2.27 0.00	34.69 -2.43 0.00	39.66 -3.18 0.00	43.05 -3.64 0.00	43.65 -4.75 0.00	50.31 -5.85 0.00	126.30 -14.20 0.06	62.77 -7.28 0.21	41.15 -5.34 0.13	35.22 -5.22 0.65	33.65 -4.77 1.03	38.74 -5.15 0.00	31.20 -3.81 0.00	31.91 -3.57 0.00	45.59 -5.42 0.59	50.80 -5.36 0.00	35.89 -3.14 0.00	29.50 -2.84 0.00	34.24 -3.02 0.00	31.18 -2.47 0.00
LOCKPORT___CC2 323770	36.84 -2.92 0.00	41.01 -2.93 0.00	36.62 -2.78 0.00	34.56 -2.59 0.00	32.32 -2.27 0.00	34.69 -2.43 0.00	39.66 -3.18 0.00	43.05 -3.64 0.00	43.65 -4.75 0.00	50.31 -5.85 0.00	126.30 -14.20 0.06	62.77 -7.28 0.21	41.15 -5.34 0.13	35.22 -5.22 0.65	33.65 -4.77 1.03	38.74 -5.15 0.00	31.20 -3.81 0.00	31.91 -3.57 0.00	45.59 -5.42 0.59	50.80 -5.36 0.00	35.89 -3.14 0.00	29.50 -2.84 0.00	34.24 -3.02 0.00	31.18 -2.47 0.00
LOCKPORT___CC3 323771	36.84 -2.92 0.00	41.01 -2.93 0.00	36.62 -2.78 0.00	34.56 -2.59 0.00	32.32 -2.27 0.00	34.69 -2.43 0.00	39.66 -3.18 0.00	43.05 -3.64 0.00	43.65 -4.75 0.00	50.31 -5.85 0.00	126.30 -14.20 0.06	62.77 -7.28 0.21	41.15 -5.34 0.13	35.22 -5.22 0.65	33.65 -4.77 1.03	38.74 -5.15 0.00	31.20 -3.81 0.00	31.91 -3.57 0.00	45.59 -5.42 0.59	50.80 -5.36 0.00	35.89 -3.14 0.00	29.50 -2.84 0.00	34.24 -3.02 0.00	31.18 -2.47 0.00
LOCUSVLY_69_KV_BK2 55797	42.44 2.67 -0.01	46.52 2.58 0.00	41.59 2.19 0.00	39.07 1.92 0.00	36.42 1.83 0.00	38.92 1.80 0.00	44.67 1.84 0.00	48.63 1.94 0.00	50.57 2.17 0.00	58.89 2.73 0.00	145.18 5.74 1.12	73.92 3.67 0.00	49.56 2.94 0.00	61.06 2.87 -17.12	205.48 3.05 -162.99	187.72 3.36 -140.46	104.99 2.58 -67.39	76.11 2.42 -38.21	57.04 3.61 -1.82	62.45 3.48 -2.80	41.24 2.21 0.00	39.16 1.72 -5.11	40.50 1.82 -1.42	35.10 1.46 0.00
LONG_LAKE_PHOENIX 24014	38.89 -0.87 0.00	42.89 -1.05 0.00	38.41 -0.98 0.00	36.22 -0.93 0.00	33.76 -0.82 0.00	36.23 -0.89 0.00	41.65 -1.18 0.00	45.38 -1.31 0.00	47.04 -1.36 0.00	54.58 -1.58 0.00	136.55 -4.06 -0.04	68.43 -1.99 -0.17	45.30 -1.36 -0.04	39.83 -1.25 0.00	38.21 -1.23 0.00	42.57 -1.32 0.00	34.06 -0.95 0.00	34.52 -0.96 0.00	50.77 -1.50 -0.65	58.70 -1.60 -4.14	37.95 -1.08 0.00	31.42 -0.91 0.00	36.24 -1.02 0.00	32.66 -0.98 0.00
LOVETT___3 23632	41.57 1.81 0.00	45.66 1.72 0.00	40.85 1.45 0.00	38.42 1.27 0.00	35.78 1.20 0.00	38.27 1.15 0.00	43.97 1.14 0.00	47.93 1.24 0.00	49.83 1.44 0.00	57.95 1.80 0.00	144.82 4.25 0.00	73.05 2.80 0.00	48.82 2.20 0.00	43.31 2.23 0.00	-97.87 2.25 139.57	16.60 2.57 29.86	13.90 1.95 23.06	14.76 1.81 22.53	51.64 2.61 2.58	54.36 2.47 4.27	40.53 1.51 0.00	25.73 1.19 7.80	36.39 1.29 2.16	34.66 1.01 0.00
LOVETT___4 23642	41.57 1.81 0.00	45.66 1.72 0.00	40.85 1.45 0.00	38.42 1.27 0.00	35.78 1.20 0.00	38.27 1.15 0.00	43.97 1.14 0.00	47.93 1.24 0.00	49.83 1.44 0.00	57.95 1.80 0.00	144.82 4.25 0.00	73.05 2.80 0.00	48.82 2.20 0.00	43.31 2.23 0.00	-97.87 2.25 139.57	16.60 2.57 29.86	13.90 1.95 23.06	14.76 1.81 22.53	51.64 2.61 2.58	54.36 2.47 4.27	40.53 1.51 0.00	25.73 1.19 7.80	36.39 1.29 2.16	34.66 1.01 0.00
LOVETT___5 23593	41.57 1.81 0.00	45.66 1.72 0.00	40.85 1.45 0.00	38.42 1.27 0.00	35.78 1.20 0.00	38.27 1.15 0.00	43.97 1.14 0.00	47.93 1.24 0.00	49.83 1.44 0.00	57.95 1.80 0.00	144.82 4.25 0.00	73.05 2.80 0.00	48.82 2.20 0.00	43.31 2.23 0.00	-97.87 2.25 139.57	16.60 2.57 29.86	13.90 1.95 23.06	14.76 1.81 22.53	51.64 2.61 2.58	54.36 2.47 4.27	40.53 1.51 0.00	25.73 1.19 7.80	36.39 1.29 2.16	34.66 1.01 0.00
LOWER RAQUET___HYD 24057	40.16 0.40 0.00	44.82 0.88 0.00	40.29 0.90 0.00	38.04 0.89 0.00	35.34 0.75 0.00	37.99 0.87 0.00	44.23 1.40 0.00	48.43 1.74 0.00	50.13 1.74 0.00	58.21 2.05 0.00	146.11 5.55 0.00	72.76 2.50 0.00	48.02 1.41 0.00	42.14 1.06 0.00	40.15 0.71 0.00	44.43 0.55 0.00	35.51 0.49 0.00	36.22 0.73 0.00	53.05 1.43 -0.02	58.64 2.10 -0.37	40.54 1.51 0.00	33.54 1.21 0.00	38.64 1.38 0.00	34.89 1.25 0.00
LOWER___HUDSON 24059	41.46 1.70 0.00	45.81 1.87 0.00	41.04 1.65 0.00	38.72 1.57 0.00	36.01 1.43 0.00	38.63 1.51 0.00	44.31 1.48 0.00	48.21 1.52 0.00	50.03 1.63 0.00	58.04 1.89 0.00	145.22 4.66 0.00	72.76 2.51 0.00	48.29 1.68 0.00	42.65 1.56 0.00	61.29 1.47 -20.37	49.85 1.59 -4.36	39.61 1.19 -3.41	39.91 1.15 -3.28	53.69 1.71 -0.37	58.46 1.75 -0.54	40.21 1.18 0.00	34.35 1.04 -0.98	38.68 1.15 -0.27	34.58 0.93 0.00
LOWVILLE_115KV_TB2 356335	40.37 0.61 0.00	45.24 1.30 0.00	40.75 1.35 0.00	38.35 1.20 0.00	35.58 1.00 0.00	38.37 1.26 0.00	44.31 1.48 0.00	48.26 1.57 0.00	50.18 1.79 0.00	58.33 2.18 0.00	146.10 5.54 0.00	72.88 2.63 0.00	48.00 1.39 0.00	42.10 1.02 0.00	40.07 0.63 0.00	44.39 0.51 0.00	35.47 0.45 0.00	36.14 0.66 0.00	53.15 1.50 -0.04	58.91 1.90 -0.83	40.18 1.15 0.00	33.09 0.75 0.00	38.13 0.87 0.00	34.20 0.56 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.09 2.33 0.00	46.51 2.57 0.00	41.61 2.22 0.00	39.25 2.11 0.00	36.50 1.92 0.00	39.13 2.02 0.00	44.92 2.09 0.00	48.95 2.26 0.00	50.80 2.40 0.00	58.94 2.78 0.00	147.35 6.78 0.00	73.95 3.70 0.00	48.98 2.36 0.00	43.04 1.96 0.00	59.67 1.82 -18.41	49.75 1.92 -3.94	39.57 1.51 -3.04	39.97 1.52 -2.97	54.24 2.30 -0.33	59.13 2.48 -0.49	40.68 1.65 0.00	34.60 1.37 -0.89	39.09 1.58 -0.25	34.94 1.30 0.00

LUTHERNY_35_KV_BK2 355980	42.12 2.36 0.00	46.60 2.66 0.00	41.63 2.23 0.00	39.26 2.11 0.00	36.51 1.93 0.00	39.13 2.01 0.00	44.93 2.10 0.00	48.99 2.29 0.00	50.82 2.43 0.00	58.97 2.82 0.00	147.45 6.89 0.00	73.99 3.74 0.00	49.00 2.39 0.00	43.06 1.98 0.00	59.70 1.84 -18.41	49.74 1.90 -3.94	39.60 1.54 -3.04	40.00 1.55 -2.97	54.29 2.35 -0.33	59.14 2.49 -0.49	40.68 1.65 0.00	34.58 1.36 -0.89	39.16 1.66 -0.25	34.96 1.32 0.00
LWR___OSWEGATCHIE_HYD 23850	40.25 0.49 0.00	45.03 1.09 0.00	40.51 1.12 0.00	38.16 1.01 0.00	35.43 0.84 0.00	38.15 1.03 0.00	44.26 1.42 0.00	48.34 1.65 0.00	50.16 1.77 0.00	58.29 2.13 0.00	146.19 5.63 0.00	72.83 2.58 0.00	47.99 1.37 0.00	42.09 1.01 0.00	40.00 0.56 0.00	44.30 0.41 0.00	35.45 0.44 0.00	36.13 0.64 0.00	53.07 1.43 -0.03	58.88 1.99 -0.72	40.37 1.34 0.00	33.31 0.97 0.00	38.37 1.10 0.00	34.53 0.88 0.00
LYONS_FALL_HYD 23570	40.46 0.70 0.00	45.09 1.15 0.00	40.53 1.14 0.00	38.16 1.01 0.00	35.46 0.87 0.00	38.16 1.04 0.00	44.04 1.20 0.00	47.99 1.30 0.00	49.85 1.46 0.00	57.93 1.78 0.00	145.10 4.54 0.00	72.44 2.19 0.00	47.85 1.23 0.00	42.01 0.93 0.00	40.10 0.66 0.00	44.44 0.55 0.00	35.50 0.49 0.00	36.12 0.64 0.00	52.98 1.34 -0.03	58.40 1.62 -0.61	40.04 1.01 0.00	33.02 0.68 0.00	38.04 0.78 0.00	34.18 0.54 0.00
MADISON___COUNTY_LFGE 323628	40.53 0.76 0.00	44.81 0.87 0.00	40.15 0.75 0.00	37.84 0.69 0.00	35.23 0.64 0.00	37.83 0.72 0.00	43.57 0.73 0.00	47.49 0.80 0.00	49.27 0.87 0.00	57.22 1.06 0.00	143.26 2.71 0.01	71.56 1.36 0.05	47.44 0.83 0.01	41.72 0.64 0.00	39.99 0.55 0.00	44.35 0.46 0.00	35.47 0.45 0.00	35.97 0.49 0.00	52.47 0.98 0.12	57.94 1.10 -0.68	39.79 0.76 0.00	32.87 0.53 0.00	37.86 0.60 0.00	34.07 0.42 0.00
MALONE___115KV_TB1 356076	39.66 -0.10 0.00	44.77 0.83 0.00	40.34 0.94 0.00	38.31 1.16 0.00	35.58 1.00 0.00	38.17 1.05 0.00	44.41 1.58 0.00	48.68 1.99 0.00	50.33 1.93 0.00	58.72 2.56 0.00	148.10 7.54 0.00	73.97 3.72 0.00	48.76 2.14 0.00	42.78 1.70 0.00	40.67 1.23 0.00	44.97 1.07 0.00	35.68 0.66 0.00	36.31 0.82 0.00	53.29 1.68 0.00	58.57 2.41 0.00	40.68 1.65 0.00	33.63 1.29 0.00	38.70 1.43 0.00	34.97 1.32 0.00
MAPLEWOD_115KV_TB3 80458	41.16 1.40 0.00	45.42 1.48 0.00	40.71 1.31 0.00	38.37 1.23 0.00	35.69 1.11 0.00	38.28 1.17 0.00	43.93 1.10 0.00	47.82 1.13 0.00	49.64 1.25 0.00	57.56 1.41 0.00	144.11 3.54 0.00	72.09 1.84 0.00	47.87 1.25 0.00	42.33 1.25 0.00	60.39 1.23 -19.71	49.47 1.36 -4.22	39.23 0.96 -3.25	39.56 0.91 -3.17	53.27 1.31 -0.35	57.99 1.30 -0.52	39.87 0.85 0.00	34.04 0.75 -0.95	38.30 0.78 -0.26	34.30 0.66 0.00
MAPLE_RIDGE_WT_1 323574	39.52 -0.24 0.00	43.92 -0.02 0.00	39.48 0.08 0.00	37.21 0.07 0.00	34.61 0.02 0.00	37.19 0.07 0.00	42.92 0.09 0.00	46.72 0.03 0.00	48.46 0.06 0.00	56.19 0.03 0.00	140.64 0.07 0.00	70.37 0.12 0.00	46.62 0.00 0.00	41.10 0.02 0.00	39.48 0.04 0.00	43.94 0.05 0.00	35.02 0.01 0.00	35.49 0.01 0.00	51.61 0.00 0.00	56.16 0.00 0.00	38.98 -0.05 0.00	32.30 -0.03 0.00	37.19 -0.08 0.00	33.53 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	39.52 -0.24 0.00	43.92 -0.02 0.00	39.48 0.08 0.00	37.21 0.07 0.00	34.61 0.02 0.00	37.19 0.07 0.00	42.92 0.09 0.00	46.72 0.03 0.00	48.46 0.06 0.00	56.19 0.03 0.00	140.64 0.07 0.00	70.37 0.12 0.00	46.62 0.00 0.00	41.10 0.02 0.00	39.48 0.04 0.00	43.94 0.05 0.00	35.02 0.01 0.00	35.49 0.01 0.00	51.61 0.00 0.00	56.16 0.00 0.00	38.98 -0.05 0.00	32.30 -0.03 0.00	37.19 -0.08 0.00	33.53 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	38.42 -1.34 0.00	44.17 0.23 0.00	40.15 0.75 0.00	38.49 1.34 0.00	35.75 1.16 0.00	38.27 1.16 0.00	44.45 1.62 0.00	48.74 2.05 0.00	50.25 1.85 0.00	58.77 2.62 0.00	148.90 8.34 0.00	74.37 4.11 0.00	49.09 2.48 0.00	42.93 1.85 0.00	40.60 1.16 0.00	44.75 0.86 0.00	35.39 0.37 0.00	35.68 0.19 0.00	52.39 0.78 0.00	57.87 1.70 0.00	40.23 1.21 0.00	33.20 0.87 0.00	38.23 0.96 0.00	34.52 0.88 0.00
MARSHVLE_115KV_TB1 80742	40.72 0.96 0.00	44.99 1.05 0.00	40.43 1.04 0.00	38.10 0.95 0.00	35.47 0.89 0.00	38.16 1.04 0.00	44.16 1.33 0.00	48.24 1.54 0.00	49.94 1.54 0.00	58.01 1.85 0.00	145.18 4.62 0.00	72.66 2.41 0.00	48.06 1.44 0.00	42.16 1.08 0.00	40.60 0.95 -0.20	44.74 0.85 0.00	36.66 0.66 -0.98	36.29 0.81 0.00	53.36 1.72 -0.03	58.50 2.03 -0.31	40.46 1.43 0.00	34.07 1.16 -0.57	38.70 1.28 -0.16	34.75 1.11 0.00
MARSH_HILL_WT_PWR 323713	38.29 -1.47 0.00	42.56 -1.38 0.00	38.16 -1.24 0.00	36.01 -1.14 0.00	33.76 -0.83 0.00	36.20 -0.92 0.00	41.36 -1.48 0.00	45.04 -1.65 0.00	46.22 -2.17 0.00	53.68 -2.48 0.00	134.35 -6.17 0.04	66.68 -3.43 0.14	43.49 -2.88 0.25	40.29 -3.18 -2.39	40.57 -2.66 -3.79	41.17 -2.73 0.00	33.32 -1.70 0.00	33.55 -1.94 0.00	48.43 -2.80 0.38	54.15 -2.58 -0.56	37.63 -1.40 0.00	31.01 -1.33 0.00	36.04 -1.22 0.00	32.41 -1.24 0.00
MCINTYRE_115KV_TB2 80467	40.84 1.08 0.00	45.47 1.53 0.00	40.83 1.44 0.00	38.52 1.37 0.00	35.79 1.21 0.00	38.49 1.37 0.00	44.87 2.04 0.00	49.13 2.44 0.00	50.86 2.46 0.00	58.97 2.81 0.00	147.90 7.34 0.00	73.52 3.27 0.00	48.48 1.86 0.00	42.53 1.45 0.00	40.38 0.93 0.00	44.51 0.62 0.00	35.60 0.58 0.00	36.44 0.95 0.00	53.44 1.84 0.00	59.12 2.95 0.00	41.23 2.20 0.00	34.12 1.78 0.00	39.28 2.01 0.00	35.49 1.84 0.00
MECO_____69_KV_BK1 80468	41.62 1.86 0.00	45.92 1.98 0.00	41.20 1.80 0.00	38.80 1.65 0.00	36.09 1.51 0.00	38.81 1.69 0.00	44.78 1.95 0.00	48.92 2.23 0.00	50.71 2.31 0.00	58.95 2.79 0.00	147.58 7.01 0.00	73.94 3.69 0.00	48.89 2.28 0.00	42.82 1.74 0.00	41.34 1.67 -0.23	45.45 1.56 0.00	37.26 1.11 -1.13	36.82 1.33 0.00	54.24 2.59 -0.04	59.50 2.97 -0.36	41.09 2.06 0.00	34.65 1.64 -0.66	39.27 1.82 -0.18	35.19 1.54 0.00
MENANDS___115KV_TB5 355628	40.93 1.17 0.00	45.17 1.23 0.00	40.49 1.10 0.00	38.17 1.03 0.00	35.51 0.92 0.00	38.09 0.97 0.00	43.70 0.87 0.00	47.56 0.87 0.00	49.37 0.98 0.00	57.23 1.08 0.00	143.39 2.83 0.00	71.65 1.40 0.00	47.57 0.95 0.00	42.08 1.00 0.00	60.24 1.01 -19.79	49.25 1.12 -4.23	39.05 0.77 -3.26	39.36 0.70 -3.18	52.95 0.98 -0.36	57.60 0.92 -0.52	39.62 0.59 0.00	33.84 0.55 -0.95	38.08 0.55 -0.26	34.10 0.45 0.00
MG INDUSTRY___DRP 24185	40.93 1.17 0.00	45.17 1.23 0.00	40.51 1.11 0.00	38.18 1.04 0.00	35.53 0.94 0.00	38.12 1.01 0.00	43.78 0.95 0.00	47.66 0.96 0.00	49.40 1.00 0.00	57.20 1.04 0.00	143.31 2.75 0.00	71.71 1.46 0.00	47.61 1.00 0.00	42.08 1.00 0.00	56.43 0.91 -16.07	48.37 1.03 -3.45	38.42 0.75 -2.66	38.78 0.69 -2.60	52.89 0.99 -0.29	57.59 0.99 -0.43	39.66 0.63 0.00	33.69 0.57 -0.78	38.09 0.61 -0.22	34.16 0.52 0.00

MID___OSWEGATCHIE_HYD 23849	40.25 0.49 0.00	45.03 1.09 0.00	40.51 1.12 0.00	38.16 1.01 0.00	35.43 0.84 0.00	38.15 1.03 0.00	44.26 1.42 0.00	48.34 1.65 0.00	50.16 1.77 0.00	58.29 2.13 0.00	146.19 5.63 0.00	72.83 2.58 0.00	47.99 1.37 0.00	42.09 1.01 0.00	40.00 0.56 0.00	44.30 0.41 0.00	35.45 0.44 0.00	36.13 0.64 0.00	53.07 1.43 -0.03	58.88 1.99 -0.72	40.37 1.34 0.00	33.31 0.97 0.00	38.37 1.10 0.00	34.53 0.88 0.00
MID___RAQUETTE_HYD 23851	40.16 0.39 0.00	44.82 0.88 0.00	40.29 0.90 0.00	38.04 0.89 0.00	35.34 0.75 0.00	37.99 0.87 0.00	44.23 1.40 0.00	48.43 1.74 0.00	50.13 1.74 0.00	58.21 2.05 0.00	146.18 5.62 0.00	72.76 2.51 0.00	48.02 1.40 0.00	42.14 1.06 0.00	40.15 0.70 0.00	44.43 0.54 0.00	35.51 0.49 0.00	36.22 0.73 0.00	53.06 1.43 -0.02	58.64 2.11 -0.37	40.54 1.51 0.00	33.54 1.21 0.00	38.64 1.38 0.00	34.89 1.25 0.00
MILLIKEN___1 23584	39.89 0.13 0.00	44.04 0.10 0.00	39.37 -0.03 0.00	37.18 0.03 0.00	34.63 0.04 0.00	37.16 0.05 0.00	42.69 -0.14 0.00	46.60 -0.09 0.00	48.23 -0.16 0.00	55.95 -0.20 0.00	140.21 -0.34 0.01	70.11 -0.09 0.05	46.71 -0.17 -0.26	40.91 -0.34 -0.17	39.36 -0.35 -0.27	43.60 -0.29 0.00	35.02 0.00 0.00	35.42 -0.07 0.00	51.46 -0.07 0.08	57.76 0.14 -1.46	39.19 0.17 0.00	32.32 -0.01 0.00	37.27 0.00 0.00	33.54 -0.10 0.00
MILLIKEN___2 23585	39.89 0.13 0.00	44.04 0.10 0.00	39.37 -0.03 0.00	37.18 0.03 0.00	34.63 0.04 0.00	37.16 0.05 0.00	42.69 -0.14 0.00	46.60 -0.09 0.00	48.23 -0.16 0.00	55.95 -0.20 0.00	140.21 -0.34 0.01	70.11 -0.09 0.05	46.71 -0.17 -0.26	40.91 -0.34 -0.17	39.36 -0.35 -0.27	43.60 -0.29 0.00	35.02 0.00 0.00	35.42 -0.07 0.00	51.46 -0.07 0.08	57.76 0.14 -1.46	39.19 0.17 0.00	32.32 -0.01 0.00	37.27 0.00 0.00	33.54 -0.10 0.00
MILLIKEN___DIESEL 23629	39.89 0.13 0.00	44.04 0.10 0.00	39.37 -0.03 0.00	37.18 0.03 0.00	34.63 0.04 0.00	37.16 0.05 0.00	42.69 -0.14 0.00	46.60 -0.09 0.00	48.23 -0.16 0.00	55.95 -0.20 0.00	140.21 -0.34 0.01	70.11 -0.09 0.05	46.71 -0.17 -0.26	40.91 -0.34 -0.17	39.36 -0.35 -0.27	43.60 -0.29 0.00	35.02 0.00 0.00	35.42 -0.07 0.00	51.46 -0.07 0.08	57.76 0.14 -1.46	39.19 0.17 0.00	32.32 -0.01 0.00	37.27 0.00 0.00	33.54 -0.10 0.00
MILLSEAT___LFGE 323607	37.85 -1.91 0.00	42.02 -1.92 0.00	37.50 -1.89 0.00	35.38 -1.77 0.00	33.06 -1.53 0.00	35.52 -1.60 0.00	40.67 -2.17 0.00	44.20 -2.49 0.00	45.01 -3.39 0.00	51.99 -4.17 0.00	130.52 -9.98 0.06	64.82 -5.22 0.21	42.16 -4.34 0.12	36.25 -4.36 0.48	34.80 -3.89 0.75	39.76 -4.13 0.00	32.01 -3.01 0.00	32.85 -2.63 0.00	47.02 -3.98 0.61	52.46 -3.71 0.00	37.01 -2.02 0.00	30.41 -1.92 0.00	35.23 -2.04 0.00	31.97 -1.67 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	41.71 1.95 0.00	45.81 1.87 0.00	40.96 1.57 0.00	38.53 1.38 0.00	35.89 1.30 0.00	38.38 1.27 0.00	44.09 1.26 0.00	48.06 1.36 0.00	49.99 1.59 0.00	58.12 1.97 0.00	145.21 4.65 0.00	73.22 2.97 0.00	48.96 2.35 0.00	43.45 2.37 0.00	447.25 2.37 -405.44	134.61 2.68 -88.04	80.86 2.03 -43.81	103.80 1.90 -66.42	60.93 2.76 -6.57	61.75 2.61 -2.97	40.63 1.60 0.00	39.03 1.27 -5.43	40.15 1.38 -1.51	34.74 1.09 0.00
MILLWOOD_13_KV_LOAD 356217	41.79 2.03 0.00	45.89 1.95 0.00	41.04 1.64 0.00	38.60 1.45 0.00	35.93 1.35 0.00	38.43 1.32 0.00	44.16 1.32 0.00	48.13 1.43 0.00	50.07 1.67 0.00	58.21 2.05 0.00	145.44 4.87 0.00	73.34 3.09 0.00	49.05 2.43 0.00	43.53 2.44 0.00	447.34 2.46 -405.44	134.70 2.77 -88.04	80.93 2.10 -43.81	103.87 1.96 -66.42	61.01 2.84 -6.57	61.85 2.71 -2.97	40.70 1.67 0.00	39.09 1.33 -5.43	40.20 1.43 -1.51	34.78 1.14 0.00
MODEL_CITY_ENERGY 24167	36.53 -3.23 0.00	40.68 -3.27 0.00	36.33 -3.06 0.00	34.29 -2.86 0.00	32.06 -2.53 0.00	34.41 -2.70 0.00	39.35 -3.49 0.00	42.66 -4.03 0.00	43.17 -5.23 0.00	49.70 -6.46 0.00	124.81 -15.70 0.05	62.08 -7.97 0.21	40.71 -5.78 0.13	34.86 -5.59 0.64	33.33 -5.10 1.01	38.32 -5.57 0.00	30.85 -4.17 0.00	31.58 -3.91 0.00	45.08 -5.94 0.59	50.20 -5.97 0.00	35.50 -3.53 0.00	29.19 -3.15 0.00	33.90 -3.36 0.00	30.93 -2.71 0.00
MODERN_LFGE___ 323580	36.53 -3.23 0.00	40.68 -3.27 0.00	36.33 -3.06 0.00	34.29 -2.86 0.00	32.06 -2.53 0.00	34.41 -2.70 0.00	39.35 -3.49 0.00	42.66 -4.03 0.00	43.17 -5.23 0.00	49.70 -6.46 0.00	124.81 -15.70 0.05	62.08 -7.97 0.21	40.71 -5.78 0.13	34.86 -5.59 0.64	33.33 -5.10 1.01	38.32 -5.57 0.00	30.85 -4.17 0.00	31.58 -3.91 0.00	45.08 -5.94 0.59	50.20 -5.97 0.00	35.50 -3.53 0.00	29.19 -3.15 0.00	33.90 -3.36 0.00	30.93 -2.71 0.00
MOHAWK_PAPER___DRP 24187	41.16 1.40 0.00	45.42 1.48 0.00	40.71 1.31 0.00	38.37 1.23 0.00	35.69 1.11 0.00	38.28 1.17 0.00	43.93 1.10 0.00	47.82 1.13 0.00	49.64 1.25 0.00	57.56 1.41 0.00	144.11 3.54 0.00	72.09 1.84 0.00	47.87 1.25 0.00	42.33 1.25 0.00	60.39 1.23 -19.71	49.47 1.36 -4.22	39.23 0.96 -3.25	39.56 0.91 -3.17	53.27 1.31 -0.35	57.99 1.30 -0.52	39.87 0.85 0.00	34.04 0.75 -0.95	38.30 0.78 -0.26	34.30 0.66 0.00
MOHICAN___35_KV_115KV_LD 80490	42.94 3.18 0.00	47.44 3.50 0.00	42.39 2.99 0.00	40.02 2.87 0.00	37.25 2.66 0.00	39.82 2.70 0.00	45.67 2.84 0.00	49.80 3.10 0.00	51.73 3.34 0.00	60.05 3.89 0.00	149.87 9.31 0.00	75.20 4.94 0.00	49.62 3.00 0.00	43.31 2.23 0.00	59.68 1.94 -18.30	49.80 2.00 -3.92	39.69 1.65 -3.02	40.12 1.69 -2.95	54.50 2.56 -0.33	59.53 2.88 -0.48	40.92 1.90 0.00	34.79 1.58 -0.88	39.31 1.80 -0.24	35.14 1.49 0.00
MONGAUP___HYD 23641	41.52 1.76 0.00	45.67 1.73 0.00	40.85 1.45 0.00	38.43 1.28 0.00	35.78 1.19 0.00	38.31 1.19 0.00	44.04 1.21 0.00	48.00 1.31 0.00	49.76 1.37 0.00	57.94 1.78 0.00	144.66 4.10 0.00	72.62 2.37 0.00	48.26 1.64 0.00	43.17 2.08 0.00	-68.91 1.77 110.13	21.96 1.69 23.62	19.42 1.40 17.00	19.29 1.63 17.82	51.91 2.30 1.99	55.72 2.49 2.94	40.66 1.63 0.00	28.24 1.27 5.36	37.15 1.37 1.49	34.71 1.07 0.00
MONTAUK___DIESEL 23721	41.19 1.42 0.00	45.04 1.11 0.00	40.29 0.89 0.00	37.79 0.64 0.00	35.25 0.66 0.00	37.68 0.56 0.00	43.28 0.44 0.00	47.13 0.44 0.00	49.12 0.73 0.00	57.27 1.11 0.00	140.01 1.34 1.90	71.66 1.41 0.00	48.38 1.76 0.00	54.13 1.91 -11.14	181.48 1.98 -140.07	144.97 2.04 -99.04	86.98 1.80 -50.16	68.11 2.14 -30.49	56.63 3.21 -1.82	61.88 2.92 -2.80	41.01 1.98 0.00	39.24 1.79 -5.11	40.12 1.44 -1.42	34.66 1.02 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.05 -1.71 0.00	42.37 -1.58 0.00	37.78 -1.62 0.00	35.59 -1.55 0.00	33.32 -1.26 0.00	35.74 -1.38 0.00	40.89 -1.94 0.00	44.60 -2.09 0.00	45.57 -2.83 0.00	52.70 -3.46 0.00	132.24 -8.28 0.05	65.87 -4.20 0.18	43.19 -3.28 0.15	37.06 -3.41 0.62	35.06 -3.41 0.98	40.17 -3.72 0.00	32.41 -2.61 0.00	32.79 -2.69 0.00	46.90 -4.19 0.52	52.66 -3.50 0.00	36.97 -2.05 0.00	30.21 -2.12 0.00	35.07 -2.19 0.00	31.80 -1.85 0.00

MORRIS_RIDGE___SOLAR 323848	37.84 -1.92 0.00	42.09 -1.85 0.00	37.66 -1.73 0.00	35.53 -1.62 0.00	33.25 -1.34 0.00	35.65 -1.46 0.00	40.77 -2.07 0.00	44.43 -2.27 0.00	45.46 -2.93 0.00	52.58 -3.58 0.00	131.57 -8.95 0.04	65.36 -4.73 0.16	42.96 -3.48 0.18	33.78 -3.74 3.56	30.47 -3.32 5.66	40.50 -3.39 0.00	32.65 -2.37 0.00	33.13 -2.35 0.00	47.62 -3.56 0.43	53.25 -3.35 -0.44	37.11 -1.92 0.00	30.51 -1.83 0.00	35.39 -1.87 0.00	31.96 -1.69 0.00
MORTIMER_115KV_TB3 55949	38.56 -1.20 0.00	42.65 -1.29 0.00	38.12 -1.28 0.00	35.95 -1.20 0.00	33.54 -1.04 0.00	36.00 -1.12 0.00	41.34 -1.50 0.00	45.03 -1.67 0.00	46.35 -2.04 0.00	53.72 -2.44 0.00	134.50 -6.00 0.06	66.91 -3.11 0.23	44.11 -2.41 0.10	38.69 -2.39 0.00	37.25 -2.19 0.00	41.68 -2.21 0.00	33.44 -1.58 0.00	34.05 -1.44 0.00	48.76 -2.19 0.66	54.05 -2.12 0.00	37.82 -1.20 0.00	31.18 -1.16 0.00	35.99 -1.28 0.00	32.49 -1.15 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.00 2.24 0.00	46.10 2.16 0.00	41.23 1.83 0.00	38.78 1.63 0.00	36.11 1.53 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.30 1.91 0.00	58.51 2.36 0.00	146.19 5.63 0.00	73.81 3.56 0.00	49.39 2.77 0.00	43.84 2.76 0.00	141.88 2.72 -99.72	68.27 3.01 -21.37	55.25 2.29 -17.95	53.75 2.15 -16.12	56.56 3.14 -1.82	61.99 3.01 -2.81	40.89 1.86 0.00	38.94 1.48 -5.12	40.30 1.62 -1.42	34.93 1.29 0.00
MUNSVILLE_WIND_PWR 323609	40.81 1.05 0.00	45.28 1.34 0.00	40.70 1.30 0.00	38.73 1.58 0.00	36.22 1.63 0.00	39.03 1.91 0.00	44.88 2.05 0.00	49.10 2.40 0.00	50.84 2.44 0.00	59.11 2.95 0.00	148.16 7.62 0.01	74.04 3.84 0.05	49.17 2.43 -0.12	43.07 1.87 -0.11	40.92 1.31 -0.18	45.54 1.65 0.00	36.76 1.75 0.00	37.31 1.83 0.00	54.47 2.97 0.11	60.58 3.46 -0.95	41.42 2.39 0.00	34.09 1.75 0.00	39.23 1.97 0.00	35.19 1.55 0.00
N SALMON___HYD 24042	39.66 -0.10 0.00	44.77 0.83 0.00	40.34 0.94 0.00	38.31 1.16 0.00	35.58 1.00 0.00	38.17 1.05 0.00	44.41 1.58 0.00	48.68 1.99 0.00	50.33 1.93 0.00	58.72 2.56 0.00	148.04 7.47 0.00	73.97 3.72 0.00	48.76 2.15 0.00	42.78 1.70 0.00	40.68 1.24 0.00	44.96 1.07 0.00	35.68 0.66 0.00	36.30 0.82 0.00	53.29 1.68 0.00	58.57 2.40 0.00	40.68 1.65 0.00	33.63 1.29 0.00	38.70 1.43 0.00	34.97 1.32 0.00
N.AKRON__115KV_KNAPP 355671	37.75 -2.01 0.00	41.93 -2.02 0.00	37.42 -1.98 0.00	35.30 -1.85 0.00	32.98 -1.60 0.00	35.44 -1.68 0.00	40.56 -2.27 0.00	44.09 -2.60 0.00	44.85 -3.55 0.00	51.79 -4.36 0.00	129.77 -10.74 0.06	64.57 -5.47 0.21	42.06 -4.44 0.12	36.12 -4.44 0.52	34.61 -4.02 0.82	39.64 -4.24 0.00	31.90 -3.11 0.00	32.70 -2.78 0.00	46.81 -4.20 0.60	52.24 -3.93 0.00	36.90 -2.13 0.00	30.31 -2.03 0.00	35.12 -2.14 0.00	31.89 -1.75 0.00
N.E_GEN_SANDY PD 24062	40.83 1.58 0.51	45.59 1.65 0.00	41.17 1.43 -0.34	38.84 1.34 -0.35	36.49 1.24 -0.66	44.94 1.28 -6.55	44.16 1.20 -0.13	47.92 1.23 0.00	50.67 1.40 -0.87	56.87 1.66 0.94	144.47 3.91 0.00	72.56 2.31 0.00	52.34 1.74 -3.98	50.25 1.78 -7.39	90.05 1.74 -48.87	63.95 1.95 -18.11	58.16 1.44 -21.71	57.85 1.36 -21.00	72.29 1.96 -18.73	59.16 1.84 -1.16	41.72 1.18 -1.51	40.23 1.02 -6.87	41.05 1.11 -2.68	34.59 0.85 -0.10
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	41.63 1.87 0.00	45.72 1.78 0.00	40.89 1.50 0.00	38.47 1.32 0.00	35.83 1.24 0.00	38.32 1.20 0.00	44.02 1.19 0.00	47.99 1.30 0.00	49.91 1.52 0.00	58.03 1.88 0.00	145.06 4.50 0.00	73.20 2.95 0.00	48.92 2.30 0.00	43.41 2.33 0.00	-98.80 2.35 140.59	16.46 2.67 30.10	14.23 2.03 22.82	14.65 1.88 22.71	51.74 2.71 2.59	54.59 2.57 4.15	40.61 1.58 0.00	25.99 1.23 7.58	36.52 1.36 2.10	34.71 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	41.73 1.97 0.00	45.85 1.91 0.01	41.04 1.65 0.01	38.62 1.48 0.01	35.95 1.37 0.01	38.47 1.36 0.01	44.23 1.40 0.00	48.21 1.52 0.00	50.21 1.82 0.01	58.37 2.22 0.00	146.97 5.59 -0.81	73.80 3.56 0.01	49.36 2.76 0.01	43.82 2.74 0.01	142.26 2.57 -100.25	68.42 3.15 -21.38	55.21 2.24 -17.95	53.72 2.11 -16.12	56.71 3.29 -1.82	61.93 2.96 -2.81	40.82 1.80 0.01	38.92 1.46 -5.12	40.29 1.61 -1.42	34.92 1.28 0.01
N.TROY___115KV_TB1 355778	41.46 1.70 0.00	45.81 1.87 0.00	41.04 1.65 0.00	38.72 1.57 0.00	36.01 1.43 0.00	38.63 1.51 0.00	44.31 1.48 0.00	48.21 1.52 0.00	50.03 1.63 0.00	58.04 1.89 0.00	145.21 4.65 0.00	72.77 2.51 0.00	48.29 1.68 0.00	42.65 1.56 0.00	61.29 1.47 -20.37	49.85 1.60 -4.36	39.61 1.19 -3.41	39.92 1.15 -3.28	53.69 1.71 -0.37	58.45 1.75 -0.54	40.21 1.18 0.00	34.35 1.04 -0.98	38.69 1.15 -0.27	34.58 0.94 0.00
NARROWS_GT1_1 24228	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT1_2 24229	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT1_3 24230	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT1_4 24231	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT1_5 24232	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00

NARROWS_GT1_6 24233	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT1_7 24234	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT1_8 24235	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_1 24236	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_2 24237	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_3 24238	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_4 24239	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_5 24240	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_6 24241	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_7 24242	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NARROWS_GT2_8 24243	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.03 3.78 0.00	49.53 2.92 0.00	43.98 2.90 0.00	141.81 2.56 -99.80	68.33 3.05 -21.39	55.19 2.21 -17.96	53.65 2.03 -16.13	56.60 3.18 -1.82	62.00 3.02 -2.81	40.92 1.89 0.00	39.04 1.58 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.56 1.81 0.00	45.86 1.92 0.00	41.09 1.69 0.00	38.72 1.57 0.00	35.99 1.40 0.00	38.67 1.56 0.00	44.42 1.59 0.00	48.41 1.72 0.00	50.22 1.83 0.00	58.06 1.90 0.00	145.66 5.10 0.00	72.75 2.50 0.00	48.26 1.64 0.00	42.85 1.77 0.00	40.99 1.38 -0.17	45.26 1.37 0.00	37.12 1.10 -1.00	36.68 1.19 0.00	53.40 1.76 -0.03	58.36 1.92 -0.27	40.34 1.31 0.00	33.91 1.09 -0.49	38.52 1.12 -0.14	34.58 0.93 0.00
NCHELSEA_115KV_TR2 355582	41.90 2.14 0.00	46.04 2.09 0.00	41.16 1.76 0.00	38.73 1.58 0.00	36.05 1.46 0.00	38.58 1.47 0.00	44.34 1.51 0.00	48.36 1.67 0.00	50.31 1.92 0.00	58.54 2.38 0.00	146.25 5.68 0.00	73.71 3.45 0.00	49.29 2.68 0.00	43.74 2.66 0.00	42.21 2.60 -0.17	46.79 2.90 0.00	39.28 2.25 -2.01	37.58 2.10 0.00	54.63 3.00 -0.03	59.37 2.93 -0.27	40.86 1.83 0.00	34.29 1.45 -0.50	38.99 1.59 -0.14	34.91 1.27 0.00
NEG CAPITAL___MECHNVIL 23645	42.14 2.38 0.00	46.54 2.59 0.00	41.65 2.25 0.00	39.28 2.13 0.00	36.52 1.93 0.00	39.17 2.05 0.00	44.95 2.12 0.00	48.98 2.29 0.00	50.83 2.43 0.00	58.98 2.83 0.00	147.56 7.00 0.00	74.04 3.79 0.00	49.06 2.45 0.00	43.16 2.08 0.00	60.43 1.93 -19.06	50.03 2.06 -4.08	39.79 1.61 -3.16	40.17 1.61 -3.07	54.37 2.42 -0.34	59.26 2.59 -0.50	40.76 1.74 0.00	34.71 1.46 -0.92	39.17 1.65 -0.25	35.01 1.36 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.04 -1.72 0.00	42.05 -1.89 0.00	37.57 -1.83 0.00	35.45 -1.70 0.00	33.06 -1.53 0.00	35.48 -1.64 0.00	40.77 -2.06 0.00	44.43 -2.27 0.00	45.84 -2.56 0.00	53.12 -3.03 0.00	133.12 -7.38 0.06	66.22 -3.82 0.21	43.74 -2.80 0.08	38.38 -2.71 0.00	36.89 -2.55 0.00	41.25 -2.64 0.00	33.11 -1.91 0.00	33.67 -1.82 0.00	48.31 -2.71 0.60	53.45 -2.72 0.00	37.30 -1.73 0.00	30.78 -1.56 0.00	35.50 -1.76 0.00	32.02 -1.62 0.00

NEG CENTRAL___DRP 24199	39.19 -0.57 0.00	43.24 -0.70 0.00	38.71 -0.69 0.00	36.53 -0.62 0.00	34.09 -0.50 0.00	36.57 -0.55 0.00	41.91 -0.92 0.00	45.72 -0.97 0.00	47.26 -1.14 0.00	54.78 -1.38 0.00	137.03 -3.51 0.02	68.44 -1.73 0.08	45.32 -1.22 0.07	40.05 -1.26 -0.23	38.63 -1.17 -0.36	42.69 -1.20 0.00	34.32 -0.70 0.00	34.74 -0.74 0.00	50.25 -1.19 0.17	56.53 -1.10 -1.46	38.40 -0.63 0.00	31.73 -0.61 0.00	36.61 -0.65 0.00	32.95 -0.69 0.00
NEG CENTRAL___INDECK 23768	39.50 -0.26 0.00	43.76 -0.18 0.00	39.12 -0.28 0.00	36.87 -0.28 0.00	34.46 -0.12 0.00	37.03 -0.09 0.00	42.49 -0.34 0.00	46.38 -0.32 0.00	47.73 -0.66 0.00	55.28 -0.88 0.00	138.35 -2.16 0.05	68.28 -1.79 0.18	44.72 -1.73 0.17	41.36 -2.21 -2.48	41.46 -1.92 -3.94	42.19 -1.70 0.00	33.98 -1.03 0.00	34.72 -0.76 0.00	50.04 -1.06 0.51	55.48 -0.68 0.00	39.01 -0.02 0.00	32.08 -0.25 0.00	37.01 -0.25 0.00	33.34 -0.31 0.00
NEG CENTRAL___SENECA 23627	39.10 -0.66 0.00	43.13 -0.81 0.00	38.66 -0.74 0.00	36.46 -0.68 0.00	34.07 -0.51 0.00	36.55 -0.56 0.00	41.80 -1.03 0.00	45.64 -1.06 0.00	47.10 -1.30 0.00	54.60 -1.56 0.00	136.51 -4.02 0.04	68.16 -1.95 0.14	45.09 -1.39 0.14	40.00 -1.45 -0.37	38.64 -1.38 -0.58	42.48 -1.41 0.00	34.24 -0.78 0.00	34.64 -0.84 0.00	49.87 -1.37 0.37	55.76 -1.22 -0.81	38.35 -0.67 0.00	31.70 -0.63 0.00	36.61 -0.65 0.00	32.93 -0.72 0.00
NEG CENTRAL___STATE_STREET 24147	39.58 -0.18 0.00	43.69 -0.25 0.00	38.96 -0.43 0.00	36.86 -0.29 0.00	34.27 -0.32 0.00	36.77 -0.35 0.00	42.21 -0.62 0.00	46.05 -0.65 0.00	47.67 -0.73 0.00	55.28 -0.87 0.00	138.37 -2.18 0.01	69.15 -1.07 0.04	45.85 -0.79 -0.02	40.26 -0.82 0.00	38.78 -0.66 0.00	43.25 -0.64 0.00	34.71 -0.31 0.00	35.11 -0.37 0.00	50.98 -0.60 0.02	57.57 -0.52 -1.92	38.74 -0.28 0.00	31.91 -0.43 0.00	36.80 -0.46 0.00	33.15 -0.50 0.00
NEG MILLWOOD___DRP 24198	42.04 2.28 0.00	46.16 2.22 0.00	41.26 1.87 0.00	38.82 1.67 0.00	36.13 1.54 0.00	38.67 1.55 0.00	44.43 1.60 0.00	48.46 1.77 0.00	50.43 2.04 0.00	58.69 2.54 0.00	146.69 6.13 0.00	73.95 3.70 0.00	49.49 2.87 0.00	43.96 2.88 0.00	90.58 2.86 -48.28	57.38 3.14 -10.36	46.57 2.42 -9.13	45.57 2.27 -7.81	55.72 3.23 -0.87	60.61 3.17 -1.28	41.02 1.99 0.00	36.23 1.56 -2.33	39.61 1.70 -0.65	34.99 1.35 0.00
NEG NORTH_FLCN_SEA 23793	39.09 -0.67 0.00	44.55 0.61 0.00	40.38 0.98 0.00	38.65 1.50 0.00	35.91 1.33 0.00	38.47 1.36 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.53 2.14 0.00	58.97 2.82 0.00	149.12 8.55 0.00	74.57 4.32 0.00	49.23 2.62 0.00	43.00 1.91 0.00	40.68 1.23 0.00	44.84 0.95 0.00	35.42 0.40 0.00	35.69 0.20 0.00	52.30 0.70 0.00	57.83 1.67 0.00	40.40 1.37 0.00	33.44 1.10 0.00	38.51 1.25 0.00	34.83 1.19 0.00
NEG NORTH_KES_CHATEGAY 23792	39.02 -0.75 0.00	44.26 0.32 0.00	39.93 0.53 0.00	38.02 0.87 0.00	35.32 0.73 0.00	37.84 0.73 0.00	43.99 1.16 0.00	48.20 1.51 0.00	49.75 1.36 0.00	58.07 1.92 0.00	146.46 5.90 0.00	73.12 2.87 0.00	48.27 1.65 0.00	42.36 1.27 0.00	40.22 0.78 0.00	44.42 0.53 0.00	35.28 0.26 0.00	35.78 0.30 0.00	52.50 0.89 0.00	57.72 1.56 0.00	40.08 1.05 0.00	33.16 0.83 0.00	38.20 0.93 0.00	34.56 0.91 0.00
NEG NORTH___ALICE_FALLS 23915	39.26 -0.50 0.00	44.66 0.72 0.00	40.42 1.02 0.00	38.61 1.47 0.00	35.89 1.30 0.00	38.45 1.33 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.54 2.15 0.00	59.01 2.85 0.00	149.10 8.54 0.00	74.53 4.27 0.00	49.19 2.57 0.00	42.99 1.90 0.00	40.73 1.28 0.00	44.97 1.08 0.00	35.61 0.59 0.00	35.91 0.43 0.00	52.78 1.18 0.00	58.24 2.07 0.00	40.57 1.54 0.00	33.54 1.20 0.00	38.62 1.35 0.00	34.90 1.25 0.00
NEG NORTH___LWR_SARANAC 23913	39.26 -0.50 0.00	44.66 0.72 0.00	40.42 1.02 0.00	38.61 1.47 0.00	35.89 1.30 0.00	38.45 1.33 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.54 2.15 0.00	59.01 2.85 0.00	149.10 8.54 0.00	74.53 4.27 0.00	49.19 2.57 0.00	42.99 1.90 0.00	40.73 1.28 0.00	44.97 1.08 0.00	35.61 0.59 0.00	35.91 0.43 0.00	52.78 1.18 0.00	58.24 2.07 0.00	40.57 1.54 0.00	33.54 1.20 0.00	38.62 1.35 0.00	34.90 1.25 0.00
NEG NORTH___PLATTSBURG 23628	39.26 -0.50 0.00	44.66 0.72 0.00	40.42 1.02 0.00	38.61 1.46 0.00	35.89 1.30 0.00	38.45 1.33 0.00	44.62 1.79 0.00	48.93 2.24 0.00	50.54 2.15 0.00	59.00 2.85 0.00	149.07 8.51 0.00	74.53 4.28 0.00	49.19 2.57 0.00	42.99 1.90 0.00	40.74 1.29 0.00	44.97 1.08 0.00	35.61 0.59 0.00	35.91 0.43 0.00	52.78 1.17 0.00	58.23 2.06 0.00	40.57 1.54 0.00	33.54 1.20 0.00	38.62 1.35 0.00	34.90 1.25 0.00
NEG WEST_LEA_LOCKPORT 23791	36.84 -2.92 0.00	41.01 -2.93 0.00	36.62 -2.78 0.00	34.56 -2.59 0.00	32.31 -2.28 0.00	34.69 -2.43 0.00	39.66 -3.18 0.00	43.05 -3.64 0.00	43.64 -4.75 0.00	50.31 -5.84 0.00	126.05 -14.46 0.06	62.75 -7.30 0.21	41.15 -5.34 0.13	35.21 -5.23 0.65	33.60 -4.82 1.03	38.71 -5.19 0.00	31.18 -3.83 0.00	31.88 -3.60 0.00	45.56 -5.45 0.59	50.77 -5.40 0.00	35.91 -3.12 0.00	29.50 -2.84 0.00	34.25 -3.01 0.00	31.18 -2.46 0.00
NEG WEST___LANCASTER 23811	36.97 -2.79 0.00	41.14 -2.80 0.00	36.75 -2.64 0.00	34.65 -2.50 0.00	32.44 -2.15 0.00	34.77 -2.35 0.00	39.79 -3.04 0.00	43.34 -3.35 0.00	44.23 -4.16 0.00	51.11 -5.05 0.00	128.15 -12.36 0.05	63.81 -6.26 0.18	42.00 -4.47 0.14	36.01 -4.41 0.66	34.27 -4.12 1.05	39.47 -4.42 0.00	31.81 -3.20 0.00	32.34 -3.14 0.00	46.26 -4.83 0.52	51.50 -4.66 0.00	36.27 -2.75 0.00	29.78 -2.56 0.00	34.52 -2.75 0.00	31.25 -2.39 0.00
NEG_PENN_ALLEGHNY 23528	39.43 -0.33 0.00	43.59 -0.35 0.00	39.03 -0.36 0.00	36.80 -0.35 0.00	34.33 -0.26 0.00	36.83 -0.29 0.00	42.26 -0.57 0.00	46.11 -0.58 0.00	47.65 -0.74 0.00	55.28 -0.87 0.00	138.59 -1.95 0.02	69.33 -0.86 0.06	45.97 -0.59 0.06	40.46 -0.62 0.00	38.86 -0.58 0.00	43.26 -0.63 0.00	34.70 -0.31 0.00	35.08 -0.40 0.00	50.87 -0.61 0.13	56.51 -0.58 -0.92	38.70 -0.33 0.00	31.93 -0.40 0.00	36.85 -0.41 0.00	33.19 -0.46 0.00
NEG___GEN_MONROE 24207	38.68 -1.08 0.00	42.78 -1.16 0.00	38.23 -1.17 0.00	36.04 -1.10 0.00	33.65 -0.94 0.00	36.11 -1.00 0.00	41.45 -1.38 0.00	45.16 -1.54 0.00	46.42 -1.98 0.00	53.78 -2.37 0.00	134.65 -5.85 0.06	66.95 -3.07 0.23	44.00 -2.52 0.10	38.49 -2.59 0.00	37.08 -2.36 0.00	41.54 -2.35 0.00	33.30 -1.72 0.00	34.03 -1.45 0.00	48.78 -2.17 0.66	54.15 -2.01 0.00	37.95 -1.08 0.00	31.26 -1.08 0.00	36.08 -1.18 0.00	32.60 -1.05 0.00
NEPA___ENERGY 23901	37.43 -2.33 0.00	41.69 -2.25 0.00	37.19 -2.21 0.00	35.03 -2.11 0.00	32.84 -1.74 0.00	35.18 -1.94 0.00	40.20 -2.63 0.00	43.88 -2.82 0.00	44.79 -3.60 0.00	51.77 -4.39 0.00	129.99 -10.52 0.05	64.90 -5.17 0.18	42.79 -3.69 0.14	36.70 -3.65 0.72	34.90 -3.39 1.15	40.15 -3.74 0.00	32.43 -2.59 0.00	32.76 -2.72 0.00	46.97 -4.12 0.52	52.23 -3.93 0.00	36.72 -2.31 0.00	30.05 -2.29 0.00	34.88 -2.39 0.00	31.53 -2.12 0.00

NEVERSINK___HYD 23608	41.05 1.29 0.00	45.11 1.17 0.00	40.36 0.97 0.00	37.97 0.82 0.00	35.35 0.77 0.00	37.87 0.75 0.00	43.56 0.72 0.00	47.49 0.79 0.00	49.36 0.96 0.00	57.37 1.22 0.00	143.65 3.08 0.00	72.35 2.09 0.00	48.06 1.44 0.00	41.71 0.62 0.00	1.57 0.51 38.37	36.16 0.51 8.23	29.97 0.45 5.51	29.63 0.36 6.21	51.44 0.52 0.69	55.46 0.31 1.02	39.23 0.21 0.00	31.39 0.91 1.85	37.73 0.98 0.51	34.37 0.73 0.00
NEWKRMKL_115KV_TB1 55635	40.81 1.05 0.00	45.01 1.07 0.00	40.35 0.96 0.00	38.04 0.89 0.00	35.37 0.78 0.00	37.94 0.82 0.00	43.56 0.73 0.00	47.42 0.73 0.00	49.22 0.82 0.00	57.03 0.87 0.00	142.97 2.40 0.00	71.33 1.08 0.00	47.32 0.70 0.00	41.86 0.78 0.00	59.51 0.81 -19.26	48.94 0.93 -4.11	38.77 0.61 -3.15	39.11 0.54 -3.08	52.71 0.76 -0.34	57.36 0.69 -0.51	39.43 0.40 0.00	33.67 0.41 -0.92	37.87 0.35 -0.26	33.92 0.28 0.00
NEWTON___FALLS_HYD 23847	40.25 0.49 0.00	45.03 1.09 0.00	40.51 1.12 0.00	38.16 1.01 0.00	35.43 0.84 0.00	38.15 1.03 0.00	44.26 1.42 0.00	48.34 1.65 0.00	50.16 1.77 0.00	58.29 2.13 0.00	146.19 5.63 0.00	72.83 2.58 0.00	47.99 1.37 0.00	42.09 1.01 0.00	40.00 0.56 0.00	44.30 0.41 0.00	35.45 0.44 0.00	36.13 0.64 0.00	53.07 1.43 -0.03	58.88 1.99 -0.72	40.37 1.34 0.00	33.31 0.97 0.00	38.37 1.10 0.00	34.53 0.88 0.00
NGRID_A1_DSASP 323792	36.22 -3.54 0.00	40.35 -3.60 0.00	36.04 -3.36 0.00	34.02 -3.13 0.00	31.82 -2.77 0.00	34.14 -2.97 0.00	39.02 -3.82 0.00	42.31 -4.39 0.00	42.94 -5.45 0.00	49.51 -6.64 0.00	124.24 -16.27 0.05	61.68 -8.37 0.20	40.55 -5.94 0.13	34.70 -5.72 0.67	33.12 -5.26 1.06	38.21 -5.68 0.00	30.77 -4.24 0.00	31.44 -4.04 0.00	44.92 -6.10 0.58	49.95 -6.21 0.00	35.31 -3.72 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
NGRID_A2_DSASP 323793	36.22 -3.54 0.00	40.35 -3.60 0.00	36.04 -3.36 0.00	34.02 -3.13 0.00	31.82 -2.77 0.00	34.14 -2.97 0.00	39.02 -3.82 0.00	42.31 -4.39 0.00	42.94 -5.45 0.00	49.51 -6.64 0.00	124.24 -16.27 0.05	61.68 -8.37 0.20	40.55 -5.94 0.13	34.70 -5.72 0.67	33.12 -5.26 1.06	38.21 -5.68 0.00	30.77 -4.24 0.00	31.44 -4.04 0.00	44.92 -6.10 0.58	49.95 -6.21 0.00	35.31 -3.72 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
NGRID_A4_DSASP 323807	36.22 -3.54 0.00	40.35 -3.60 0.00	36.04 -3.36 0.00	34.02 -3.13 0.00	31.82 -2.77 0.00	34.14 -2.97 0.00	39.02 -3.82 0.00	42.31 -4.39 0.00	42.94 -5.45 0.00	49.51 -6.64 0.00	124.24 -16.27 0.05	61.68 -8.37 0.20	40.55 -5.94 0.13	34.70 -5.72 0.67	33.12 -5.26 1.06	38.21 -5.68 0.00	30.77 -4.24 0.00	31.44 -4.04 0.00	44.92 -6.10 0.58	49.95 -6.21 0.00	35.31 -3.72 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
NIAGARA_115E_LBMP 323715	36.34 -3.42 0.00	40.47 -3.47 0.00	36.15 -3.24 0.00	34.11 -3.04 0.00	31.90 -2.68 0.00	34.25 -2.86 0.00	39.14 -3.69 0.00	42.43 -4.26 0.00	42.88 -5.51 0.00	49.35 -6.81 0.00	123.95 -16.56 0.05	61.67 -8.38 0.20	40.46 -6.03 0.13	34.62 -5.80 0.65	33.10 -5.30 1.04	38.07 -5.82 0.00	30.66 -4.35 0.00	31.38 -4.10 0.00	44.77 -6.26 0.58	49.85 -6.32 0.00	35.26 -3.77 0.00	29.00 -3.34 0.00	33.69 -3.57 0.00	30.77 -2.87 0.00
NIAGARA_115W_LBMP 323714	36.15 -3.61 0.00	40.27 -3.67 0.00	35.98 -3.42 0.00	33.96 -3.19 0.00	31.76 -2.83 0.00	34.07 -3.04 0.00	38.95 -3.88 0.00	42.23 -4.47 0.00	42.87 -5.53 0.00	49.42 -6.73 0.00	123.98 -16.52 0.05	61.58 -8.47 0.20	40.48 -6.01 0.13	34.65 -5.77 0.67	33.07 -5.31 1.06	38.14 -5.76 0.00	30.72 -4.29 0.00	31.38 -4.10 0.00	44.84 -6.19 0.58	49.85 -6.32 0.00	35.24 -3.79 0.00	29.00 -3.34 0.00	33.68 -3.58 0.00	30.64 -3.00 0.00
NIAGARA_230_LBMP 323716	36.52 -3.24 0.00	40.66 -3.28 0.00	36.32 -3.07 0.00	34.28 -2.86 0.00	32.06 -2.53 0.00	34.39 -2.73 0.00	39.32 -3.51 0.00	42.67 -4.03 0.00	43.35 -5.05 0.00	49.97 -6.18 0.00	125.41 -15.10 0.06	62.31 -7.73 0.21	40.96 -5.53 0.13	35.08 -5.36 0.64	33.47 -4.95 1.02	38.58 -5.30 0.00	31.07 -3.95 0.00	31.73 -3.76 0.00	45.34 -5.68 0.59	50.45 -5.71 0.00	35.59 -3.44 0.00	29.28 -3.06 0.00	33.99 -3.27 0.00	30.92 -2.73 0.00
NIAGARA___115KV_198_GIBSON 55903	36.16 -3.60 0.00	40.27 -3.67 0.00	35.98 -3.42 0.00	33.96 -3.19 0.00	31.75 -2.84 0.00	34.07 -3.04 0.00	38.95 -3.89 0.00	42.23 -4.47 0.00	42.86 -5.53 0.00	49.42 -6.74 0.00	123.79 -16.72 0.05	61.56 -8.48 0.20	40.48 -6.01 0.13	34.63 -5.79 0.67	33.02 -5.37 1.06	38.11 -5.77 0.00	30.70 -4.32 0.00	31.36 -4.12 0.00	44.81 -6.21 0.58	49.85 -6.31 0.00	35.27 -3.76 0.00	29.00 -3.34 0.00	33.68 -3.58 0.00	30.64 -3.00 0.00
NIAGARA____ 23760	36.52 -3.24 0.00	40.66 -3.28 0.00	36.32 -3.07 0.00	34.28 -2.86 0.00	32.06 -2.53 0.00	34.39 -2.73 0.00	39.32 -3.51 0.00	42.67 -4.03 0.00	43.35 -5.05 0.00	49.97 -6.18 0.00	125.41 -15.10 0.06	62.31 -7.73 0.21	40.96 -5.53 0.13	35.07 -5.36 0.65	33.46 -4.95 1.03	38.58 -5.30 0.00	31.07 -3.95 0.00	31.73 -3.76 0.00	45.34 -5.68 0.59	50.45 -5.71 0.00	35.59 -3.44 0.00	29.28 -3.06 0.00	33.99 -3.27 0.00	30.92 -2.73 0.00
NINE_MILE_1 23575	38.45 -1.31 0.00	42.41 -1.53 0.00	37.99 -1.41 0.00	35.84 -1.30 0.00	33.40 -1.19 0.00	35.85 -1.27 0.00	41.22 -1.61 0.00	44.92 -1.78 0.00	46.53 -1.87 0.00	53.96 -2.20 0.00	134.54 -5.57 0.46	65.75 -2.78 1.73	44.39 -1.86 0.36	39.41 -1.67 0.00	37.85 -1.59 0.00	42.16 -1.73 0.00	33.68 -1.34 0.00	34.14 -1.34 0.00	44.07 -2.08 5.47	40.97 -2.24 12.96	37.53 -1.50 0.00	31.08 -1.26 0.00	35.85 -1.41 0.00	32.33 -1.32 0.00
NINE_MILE_2 23744	38.45 -1.31 0.00	42.41 -1.53 0.00	38.00 -1.40 0.00	35.84 -1.30 0.00	33.40 -1.19 0.00	35.86 -1.26 0.00	41.23 -1.60 0.00	44.92 -1.78 0.00	46.54 -1.86 0.00	53.96 -2.20 0.00	134.55 -5.56 0.46	65.73 -2.78 1.75	44.39 -1.86 0.37	39.41 -1.67 0.00	37.85 -1.59 0.00	42.16 -1.73 0.00	33.68 -1.33 0.00	34.14 -1.34 0.00	44.00 -2.07 5.54	40.78 -2.23 13.15	37.53 -1.50 0.00	31.08 -1.25 0.00	35.85 -1.41 0.00	32.33 -1.32 0.00
NM_CAPITAL___DRP 24208	40.85 1.09 0.00	45.08 1.14 0.00	40.42 1.02 0.00	38.10 0.96 0.00	35.44 0.85 0.00	38.02 0.90 0.00	43.62 0.79 0.00	47.47 0.78 0.00	49.28 0.89 0.00	57.13 0.98 0.00	143.11 2.55 0.00	71.49 1.23 0.00	47.46 0.84 0.00	41.97 0.88 0.00	60.22 0.91 -19.87	49.16 1.03 -4.25	38.98 0.69 -3.27	39.29 0.62 -3.19	52.83 0.86 -0.36	57.49 0.80 -0.52	39.51 0.49 0.00	33.76 0.47 -0.95	37.97 0.45 -0.26	34.01 0.37 0.00
NM_CENTRAL___DRP 24181	39.15 -0.61 0.00	43.17 -0.77 0.00	38.65 -0.75 0.00	36.44 -0.71 0.00	33.97 -0.62 0.00	36.45 -0.67 0.00	41.90 -0.93 0.00	45.66 -1.03 0.00	47.31 -1.09 0.00	54.88 -1.28 0.00	137.32 -3.21 0.03	68.58 -1.58 0.10	45.47 -1.12 0.02	40.04 -1.05 0.00	38.43 -1.01 0.00	42.82 -1.08 0.00	34.26 -0.76 0.00	34.71 -0.78 0.00	50.17 -1.22 0.22	56.12 -1.30 -1.26	38.17 -0.86 0.00	31.58 -0.75 0.00	36.43 -0.83 0.00	32.87 -0.78 0.00

NM_FRONTIER___DRP 24179	36.16 -3.60 0.00	40.27 -3.67 0.00	35.98 -3.42 0.00	33.96 -3.19 0.00	31.75 -2.84 0.00	34.07 -3.04 0.00	38.95 -3.89 0.00	42.23 -4.47 0.00	42.86 -5.53 0.00	49.42 -6.74 0.00	123.79 -16.72 0.05	61.56 -8.48 0.20	40.48 -6.01 0.13	34.63 -5.37 0.67	33.02 -5.37 1.06	38.11 -5.77 0.00	30.70 -4.32 0.00	31.36 -4.12 0.00	44.81 -6.21 0.58	49.85 -6.31 0.00	35.27 -3.76 0.00	29.00 -3.34 0.00	33.68 -3.58 0.00	30.64 -3.00 0.00
NM_ST_REGIS___HYD 24053	40.04 0.28 0.00	44.83 0.89 0.00	40.33 0.93 0.00	38.13 0.98 0.00	35.43 0.85 0.00	38.06 0.94 0.00	44.31 1.48 0.00	48.52 1.83 0.00	50.22 1.83 0.00	58.40 2.25 0.00	146.86 6.29 0.00	73.13 2.88 0.00	48.25 1.64 0.00	42.34 1.26 0.00	40.31 0.87 0.00	44.60 0.71 0.00	35.55 0.54 0.00	36.25 0.77 0.00	53.13 1.52 0.00	58.40 2.24 0.00	40.61 1.58 0.00	33.60 1.27 0.00	38.69 1.42 0.00	34.94 1.30 0.00
NORTHPORT___1 23551	41.73 1.97 0.00	45.81 1.87 0.00	41.11 1.71 0.00	38.60 1.45 0.00	36.07 1.49 0.00	38.53 1.41 0.00	44.11 1.28 0.00	47.81 1.12 0.00	49.65 1.25 0.00	57.63 1.48 0.00	140.96 2.23 1.83	71.96 1.71 0.00	48.53 1.91 0.00	53.99 1.93 -10.98	181.17 2.21 -139.52	144.18 2.36 -97.94	86.60 1.88 -49.70	67.57 1.80 -30.29	56.29 2.86 -1.82	61.62 2.66 -2.80	40.71 1.68 0.00	38.71 1.26 -5.11	39.88 1.20 -1.42	34.59 0.95 0.00
NORTHPORT___2 23552	41.73 1.97 0.00	45.81 1.87 0.00	41.11 1.71 0.00	38.60 1.45 0.00	36.07 1.49 0.00	38.53 1.41 0.00	44.11 1.28 0.00	47.81 1.12 0.00	49.65 1.25 0.00	57.63 1.48 0.00	140.96 2.23 1.83	71.96 1.71 0.00	48.53 1.91 0.00	53.99 1.93 -10.98	181.17 2.21 -139.52	144.18 2.36 -97.94	86.60 1.88 -49.70	67.57 1.80 -30.29	56.29 2.86 -1.82	61.62 2.66 -2.80	40.71 1.68 0.00	38.71 1.26 -5.11	39.88 1.20 -1.42	34.59 0.95 0.00
NORTHPORT___3 23553	42.26 2.49 0.00	46.32 2.38 0.00	41.44 2.05 0.00	38.92 1.77 0.00	36.29 1.71 0.00	38.77 1.66 0.00	44.48 1.64 0.00	48.37 1.68 0.00	50.14 1.75 0.00	58.31 2.15 0.00	141.63 3.20 2.13	72.48 2.23 0.00	48.80 2.18 0.00	54.35 2.19 -11.08	181.94 2.78 -139.72	145.65 3.12 -98.64	87.48 2.48 -49.99	68.25 2.35 -30.42	56.92 3.49 -1.82	62.32 3.36 -2.80	41.09 2.07 0.00	39.02 1.57 -5.11	40.28 1.60 -1.42	34.89 1.25 0.00
NORTHPORT___4 23650	42.26 2.49 0.00	46.32 2.38 0.00	41.44 2.05 0.00	38.92 1.77 0.00	36.29 1.71 0.00	38.77 1.66 0.00	44.48 1.64 0.00	48.37 1.68 0.00	50.14 1.75 0.00	58.31 2.15 0.00	141.63 3.20 2.13	72.48 2.23 0.00	48.80 2.18 0.00	54.35 2.19 -11.08	181.94 2.78 -139.72	145.65 3.12 -98.64	87.48 2.48 -49.99	68.25 2.35 -30.42	56.92 3.49 -1.82	62.32 3.36 -2.80	41.09 2.07 0.00	39.02 1.57 -5.11	40.28 1.60 -1.42	34.89 1.25 0.00
NORTHPORT___IC 23718	41.73 1.96 0.00	45.81 1.87 0.00	41.11 1.71 0.00	38.60 1.45 0.00	36.08 1.49 0.00	38.53 1.41 0.00	44.11 1.28 0.00	47.81 1.11 0.00	49.65 1.25 0.00	57.63 1.48 0.00	141.13 2.40 1.83	71.97 1.71 0.00	48.53 1.91 0.00	54.01 1.95 -10.98	181.19 2.24 -139.52	144.18 2.36 -97.94	86.60 1.88 -49.70	67.58 1.80 -30.29	56.29 2.86 -1.82	61.62 2.66 -2.80	40.70 1.68 0.00	38.71 1.26 -5.11	39.88 1.20 -1.42	34.59 0.95 0.00
NORTH___COUNTRY_ESR 323785	38.93 -0.83 0.00	44.17 0.22 0.00	39.83 0.44 0.00	37.92 0.77 0.00	35.22 0.63 0.00	37.73 0.61 0.00	43.89 1.06 0.00	48.07 1.37 0.00	49.61 1.21 0.00	57.91 1.75 0.00	146.11 5.54 0.00	72.87 2.62 0.00	48.13 1.51 0.00	42.22 1.14 0.00	40.13 0.69 0.00	44.41 0.52 0.00	35.27 0.25 0.00	35.78 0.30 0.00	52.45 0.84 0.00	57.57 1.41 0.00	39.96 0.94 0.00	33.06 0.72 0.00	38.08 0.82 0.00	34.45 0.81 0.00
NPX_GEN_1385_PROXY 323591	40.68 2.24 1.32	46.31 2.37 0.00	41.35 1.95 0.00	38.89 1.74 0.00	36.59 2.00 0.00	38.98 1.87 0.00	44.15 1.32 0.00	48.09 1.40 0.00	49.62 1.22 0.00	57.56 1.40 0.00	139.61 0.88 1.83	70.87 0.61 0.00	37.46 1.22 10.38	53.39 1.33 -10.98	180.94 1.99 -139.52	143.58 1.75 -97.94	14.62 1.29 21.68	67.03 1.26 -30.29	56.00 2.57 -1.82	61.42 2.46 -2.80	40.95 1.92 0.00	38.18 1.40 -4.44	40.07 1.39 -1.42	34.72 1.08 0.00
NPX_GEN_CSC 323557	40.14 1.71 1.32	45.39 1.45 0.00	40.62 1.22 0.00	38.10 0.95 0.00	35.55 0.97 0.00	38.00 0.88 0.00	43.58 0.75 0.00	47.39 0.69 0.00	49.30 0.90 0.00	57.28 1.12 0.00	139.84 1.18 1.90	71.38 1.13 0.00	48.20 1.58 0.00	53.88 1.66 -11.14	181.47 1.98 -140.05	145.02 2.12 -99.01	87.00 1.84 -50.15	67.86 1.89 -30.49	56.30 2.88 -1.82	61.59 2.62 -2.80	40.60 1.57 0.00	37.96 1.18 -4.44	39.67 0.99 -1.42	34.34 0.70 0.00
NSINS_S_GLNS_FALLS 23858	42.90 3.14 0.00	47.38 3.44 0.00	42.35 2.95 0.00	39.97 2.82 0.00	37.20 2.61 0.00	39.77 2.65 0.00	45.63 2.80 0.00	49.77 3.07 0.00	51.69 3.29 0.00	60.03 3.87 0.00	149.71 9.15 0.00	75.14 4.89 0.00	49.54 2.92 0.00	43.20 2.12 0.00	59.49 1.85 -18.21	49.67 1.88 -3.90	39.57 1.55 -3.00	40.03 1.61 -2.94	54.39 2.45 -0.33	59.43 2.78 -0.48	40.85 1.82 0.00	34.73 1.52 -0.88	39.24 1.73 -0.24	35.07 1.42 0.00
NUCOR_STEEL___DRP 24197	39.58 -0.18 0.00	43.68 -0.26 0.00	38.94 -0.46 0.00	36.86 -0.29 0.00	34.24 -0.35 0.00	36.74 -0.38 0.00	42.20 -0.63 0.00	46.02 -0.68 0.00	47.64 -0.75 0.00	55.24 -0.91 0.00	138.32 -2.24 0.00	69.15 -1.10 0.00	45.84 -0.81 -0.04	40.26 -0.82 0.00	38.78 -0.66 0.00	43.26 -0.63 0.00	34.71 -0.31 0.00	35.11 -0.37 0.00	51.09 -0.60 -0.09	57.69 -0.53 -2.05	38.73 -0.30 0.00	31.88 -0.45 0.00	36.76 -0.50 0.00	33.12 -0.52 0.00
NUMBER_THREE_WT_PWR 323818	40.33 0.57 0.00	45.22 1.28 0.00	40.74 1.35 0.00	38.34 1.19 0.00	35.58 0.99 0.00	38.35 1.23 0.00	44.31 1.48 0.00	48.25 1.55 0.00	50.17 1.77 0.00	58.32 2.17 0.00	146.09 5.52 0.00	72.87 2.62 0.00	47.99 1.37 0.00	42.08 1.00 0.00	40.04 0.59 0.00	44.36 0.47 0.00	35.45 0.43 0.00	36.12 0.63 0.00	53.12 1.47 -0.04	58.91 1.89 -0.86	40.15 1.12 0.00	33.05 0.72 0.00	38.10 0.83 0.00	34.18 0.53 0.00
NYISO_LBMP_REFERENCE 24008	39.76 0.00 0.00	43.94 0.00 0.00	39.40 0.00 0.00	37.15 0.00 0.00	34.59 0.00 0.00	37.12 0.00 0.00	42.83 0.00 0.00	46.69 0.00 0.00	48.40 0.00 0.00	56.16 0.00 0.00	140.56 0.00 0.00	70.25 0.00 0.00	46.62 0.00 0.00	41.08 0.00 0.00	39.44 0.00 0.00	43.89 0.00 0.00	35.02 0.00 0.00	35.48 0.00 0.00	51.61 0.00 0.00	56.17 0.00 0.00	39.03 0.00 0.00	32.34 0.00 0.00	37.26 0.00 0.00	33.64 0.00 0.00
NYPA_BRENTWD____GT 24164	42.33 2.56 0.00	46.39 2.45 0.00	41.56 2.16 0.00	39.00 1.85 0.00	36.41 1.82 0.00	38.90 1.78 0.00	44.59 1.76 0.00	48.42 1.73 0.00	50.34 1.94 0.00	58.32 2.17 0.00	142.34 3.60 1.83	72.37 2.12 0.00	49.01 2.40 0.00	54.70 2.30 -11.32	182.65 2.42 -140.79	146.85 2.64 -100.33	87.91 2.20 -50.69	68.40 2.19 -30.73	57.00 3.57 -1.82	62.39 3.42 -2.80	41.24 2.22 0.00	39.18 1.73 -5.11	40.38 1.70 -1.42	35.00 1.36 0.00

NYPA_GOWANUS____GT5 24156	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.35 1.96 0.00	58.54 2.39 0.00	146.40 5.84 0.00	74.00 3.75 0.00	49.52 2.90 0.00	43.97 2.89 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.17 2.19 -17.96	53.63 2.02 -16.13	56.60 3.17 -1.82	61.98 3.00 -2.81	40.91 1.88 0.00	39.03 1.57 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NYPA_GOWANUS____GT6 24157	42.00 2.25 0.00	46.09 2.15 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.57 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.35 1.96 0.00	58.54 2.39 0.00	146.40 5.84 0.00	74.00 3.75 0.00	49.52 2.90 0.00	43.97 2.89 0.00	141.80 2.56 -99.80	68.31 3.03 -21.39	55.17 2.19 -17.96	53.63 2.02 -16.13	56.60 3.17 -1.82	61.98 3.00 -2.81	40.91 1.88 0.00	39.03 1.57 -5.13	40.41 1.73 -1.42	35.09 1.45 0.00
NYPA_HARLEM__RVR__GT1 24160	41.68 1.92 0.00	45.80 1.87 0.02	41.00 1.62 0.02	38.60 1.46 0.02	35.91 1.34 0.02	38.45 1.34 0.01	44.20 1.37 0.00	48.18 1.49 0.00	50.15 1.77 0.02	58.30 2.15 0.01	145.84 5.29 0.02	73.66 3.42 0.02	49.27 2.67 0.02	43.73 2.66 0.02	141.72 2.49 -99.78	68.30 3.04 -21.37	55.13 2.17 -17.94	53.65 2.05 -16.12	56.59 3.17 -1.81	61.82 2.85 -2.80	40.76 1.74 0.01	38.87 1.42 -5.12	40.26 1.57 -1.42	34.89 1.24 0.00
NYPA_HARLEM__RVR__GT2 24161	41.68 1.92 0.00	45.80 1.87 0.02	41.00 1.62 0.02	38.60 1.46 0.02	35.91 1.34 0.02	38.45 1.34 0.01	44.20 1.37 0.00	48.18 1.49 0.00	50.15 1.77 0.02	58.30 2.15 0.01	145.84 5.29 0.02	73.66 3.42 0.02	49.27 2.67 0.02	43.73 2.66 0.02	141.72 2.49 -99.78	68.30 3.04 -21.37	55.13 2.17 -17.94	53.65 2.05 -16.12	56.59 3.17 -1.81	61.82 2.85 -2.80	40.76 1.74 0.01	38.87 1.42 -5.12	40.26 1.57 -1.42	34.89 1.24 0.00
NYPA_KENT____GT 24152	41.98 2.22 0.00	46.08 2.14 0.00	41.28 1.88 0.00	38.86 1.71 0.00	36.18 1.59 0.00	38.66 1.55 0.00	44.36 1.53 0.00	48.36 1.67 0.00	50.36 1.96 0.00	58.55 2.40 0.00	146.31 5.74 0.00	73.97 3.72 0.00	49.49 2.88 0.00	43.95 2.87 0.00	141.84 2.59 -99.80	68.35 3.07 -21.39	55.22 2.24 -17.96	53.68 2.07 -16.13	56.61 3.19 -1.82	61.97 2.99 -2.81	40.90 1.87 0.00	39.02 1.55 -5.13	40.39 1.70 -1.42	35.05 1.40 0.00
NYPA_POUCH1____GT 24155	41.95 2.19 0.00	46.02 2.08 0.00	41.28 1.88 0.00	38.91 1.77 0.00	36.22 1.63 0.00	38.68 1.57 0.00	44.33 1.49 0.00	48.29 1.59 0.00	50.25 1.86 0.00	58.45 2.29 0.00	146.23 5.67 0.00	73.95 3.70 0.00	49.46 2.84 0.00	43.92 2.84 0.00	141.76 2.52 -99.80	68.39 3.11 -21.39	55.10 2.12 -17.96	53.53 1.91 -16.13	56.45 3.02 -1.82	61.87 2.90 -2.81	40.82 1.80 0.00	39.00 1.53 -5.13	40.32 1.64 -1.42	35.06 1.42 0.00
NYPA_VERNON____GT2 24162	41.95 2.19 0.00	46.07 2.13 0.00	41.25 1.85 0.00	38.81 1.67 0.00	36.13 1.55 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.35 1.65 0.00	50.37 1.97 0.00	58.56 2.41 0.00	146.36 5.80 0.00	73.97 3.72 0.00	49.51 2.89 0.00	43.95 2.87 0.00	141.91 2.66 -99.80	68.41 3.13 -21.39	55.29 2.31 -17.96	53.77 2.16 -16.13	56.68 3.25 -1.82	62.00 3.02 -2.81	40.93 1.90 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	35.00 1.36 0.00
NYPA_VERNON____GT3 24163	41.95 2.19 0.00	46.07 2.13 0.00	41.25 1.85 0.00	38.81 1.67 0.00	36.13 1.55 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.35 1.65 0.00	50.37 1.97 0.00	58.56 2.41 0.00	146.36 5.80 0.00	73.97 3.72 0.00	49.51 2.89 0.00	43.95 2.87 0.00	141.91 2.66 -99.80	68.41 3.13 -21.39	55.29 2.31 -17.96	53.77 2.16 -16.13	56.68 3.25 -1.82	62.00 3.02 -2.81	40.93 1.90 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	35.00 1.36 0.00
NYPA____ASTORIA_CC1 323568	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.78 0.00	38.76 1.61 0.00	36.07 1.49 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.48 2.32 0.00	146.14 5.58 0.00	73.87 3.62 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.84 2.60 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.73 2.12 -16.13	56.63 3.20 -1.82	61.92 2.95 -2.81	40.87 1.85 0.00	38.97 1.51 -5.13	40.32 1.64 -1.42	34.95 1.31 0.00
NYPA____ASTORIA_CC2 323569	41.88 2.12 0.00	46.00 2.06 0.00	41.18 1.78 0.00	38.76 1.61 0.00	36.07 1.49 0.00	38.58 1.46 0.00	44.30 1.47 0.00	48.28 1.59 0.00	50.30 1.90 0.00	58.48 2.32 0.00	146.14 5.58 0.00	73.87 3.62 0.00	49.45 2.83 0.00	43.91 2.83 0.00	141.84 2.60 -99.80	68.37 3.09 -21.39	55.25 2.27 -17.96	53.73 2.12 -16.13	56.63 3.20 -1.82	61.92 2.95 -2.81	40.87 1.85 0.00	38.97 1.51 -5.13	40.32 1.64 -1.42	34.95 1.31 0.00
NYPA____HOLTSVILL 23794	41.89 2.13 0.00	45.89 1.95 0.00	41.10 1.70 0.00	38.57 1.42 0.00	36.00 1.41 0.00	38.47 1.35 0.00	44.10 1.26 0.00	47.91 1.22 0.00	49.81 1.41 0.00	57.77 1.62 0.00	141.00 2.34 1.90	72.01 1.76 0.00	48.59 1.97 0.00	54.19 1.99 -11.12	181.71 2.27 -140.00	145.23 2.42 -98.92	87.15 2.03 -50.11	68.00 2.05 -30.47	56.56 3.14 -1.82	61.90 2.93 -2.80	40.85 1.82 0.00	38.83 1.39 -5.11	39.97 1.29 -1.42	34.66 1.02 0.00
NYPA____HELLGATE_GT1 24158	41.68 1.92 0.00	45.81 1.87 0.00	41.02 1.62 0.00	38.61 1.46 0.00	35.93 1.34 0.00	38.45 1.34 0.00	44.20 1.37 0.00	48.18 1.49 0.00	50.17 1.77 0.00	58.30 2.15 0.00	145.85 5.29 0.00	73.67 3.42 0.00	49.29 2.67 0.00	43.75 2.67 0.00	141.73 2.49 -99.80	68.32 3.04 -21.39	55.15 2.17 -17.96	53.66 2.05 -16.13	56.60 3.17 -1.82	61.83 2.85 -2.81	40.76 1.74 0.01	38.87 1.41 -5.12	40.22 1.55 -1.41	34.85 1.22 0.01
NYPA____HELLGATE_GT2 24159	41.68 1.92 0.00	45.81 1.87 0.00	41.02 1.62 0.00	38.61 1.46 0.00	35.93 1.34 0.00	38.45 1.34 0.00	44.20 1.37 0.00	48.18 1.49 0.00	50.17 1.77 0.00	58.30 2.15 0.00	145.85 5.29 0.00	73.67 3.42 0.00	49.29 2.67 0.00	43.75 2.67 0.00	141.73 2.49 -99.80	68.32 3.04 -21.39	55.15 2.17 -17.96	53.66 2.05 -16.13	56.60 3.17 -1.82	61.83 2.85 -2.81	40.76 1.74 0.01	38.87 1.41 -5.12	40.22 1.55 -1.41	34.85 1.22 0.01
NYS_BARGE____HYD 23848	36.87 -2.89 0.00	41.03 -2.91 0.00	36.65 -2.75 0.00	34.58 -2.57 0.00	32.33 -2.26 0.00	34.70 -2.41 0.00	39.69 -3.14 0.00	43.07 -3.63 0.00	43.65 -4.75 0.00	50.31 -5.85 0.00	126.31 -14.20 0.06	62.78 -7.26 0.21	41.13 -5.36 0.12	35.26 -5.22 0.60	33.72 -4.77 0.96	38.73 -5.16 0.00	31.20 -3.82 0.00	31.92 -3.57 0.00	45.60 -5.41 0.59	50.81 -5.36 0.00	35.90 -3.13 0.00	29.52 -2.82 0.00	34.26 -3.00 0.00	31.21 -2.43 0.00
OAK ORCHARD____HYD 24046	38.56 -1.20 0.00	42.65 -1.29 0.00	38.12 -1.28 0.00	35.95 -1.20 0.00	33.55 -1.04 0.00	36.00 -1.12 0.00	41.34 -1.49 0.00	45.03 -1.67 0.00	46.36 -2.04 0.00	53.71 -2.44 0.00	134.61 -5.90 0.06	66.93 -3.09 0.23	44.11 -2.41 0.10	38.70 -2.38 0.00	37.29 -2.15 0.00	41.69 -2.20 0.00	33.45 -1.57 0.00	34.06 -1.42 0.00	48.77 -2.17 0.66	54.07 -2.10 0.00	37.81 -1.22 0.00	31.18 -1.15 0.00	35.99 -1.27 0.00	32.49 -1.15 0.00

OAKDALE___35_KV_LOAD 356122	39.27 -0.49 0.00	43.42 -0.52 0.00	38.89 -0.51 0.00	36.66 -0.49 0.00	34.20 -0.39 0.00	36.69 -0.43 0.00	42.10 -0.73 0.00	45.93 -0.77 0.00	47.47 -0.93 0.00	55.06 -1.10 0.00	137.96 -2.58 0.02	69.06 -1.13 0.06	45.78 -0.76 0.07	40.32 -0.76 0.00	38.74 -0.71 0.00	43.12 -0.77 0.00	34.56 -0.45 0.00	34.94 -0.54 0.00	50.64 -0.83 0.14	56.24 -0.82 -0.90	38.54 -0.49 0.00	31.81 -0.53 0.00	36.71 -0.56 0.00	33.06 -0.58 0.00
OCC_CHEM___DRP 24175	36.22 -3.54 0.00	40.35 -3.59 0.00	36.04 -3.35 0.00	34.02 -3.13 0.00	31.81 -2.78 0.00	34.14 -2.97 0.00	39.01 -3.82 0.00	42.31 -4.38 0.00	42.94 -5.46 0.00	49.51 -6.64 0.00	124.01 -16.50 0.05	61.68 -8.37 0.20	40.54 -5.95 0.13	34.69 -5.73 0.67	33.07 -5.31 1.06	38.18 -5.71 0.00	30.75 -4.27 0.00	31.42 -4.06 0.00	44.90 -6.13 0.58	49.94 -6.23 0.00	35.34 -3.69 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
OH_GEN_PROXY 24063	35.23 -3.21 1.33	40.70 -3.24 0.00	36.36 -3.04 0.00	34.31 -2.83 0.00	32.09 -2.49 0.00	34.42 -2.70 0.00	39.37 -3.46 0.00	42.76 -3.94 0.00	43.48 -4.91 0.00	50.16 -6.00 0.00	125.86 -14.65 0.06	62.52 -7.52 0.21	41.09 -5.40 0.13	35.25 -5.23 0.60	33.67 -4.82 0.95	38.71 -5.18 0.00	31.18 -3.84 0.00	31.83 -3.66 0.00	45.50 -5.52 0.59	50.63 -5.54 0.00	35.68 -3.35 0.00	28.68 -2.98 0.67	34.06 -3.20 0.00	30.93 -2.71 0.00
OLIN_CORP_DRP 24177	36.40 -3.36 0.00	40.53 -3.41 0.00	36.21 -3.19 0.00	34.17 -2.98 0.00	31.95 -2.64 0.00	34.30 -2.82 0.00	39.20 -3.63 0.00	42.51 -4.19 0.00	43.00 -5.40 0.00	49.48 -6.68 0.00	123.98 -16.53 0.05	61.78 -8.27 0.20	40.55 -5.94 0.13	34.69 -5.73 0.67	33.10 -5.28 1.06	38.14 -5.75 0.00	30.72 -4.29 0.00	31.43 -4.06 0.00	44.87 -6.16 0.58	49.95 -6.22 0.00	35.36 -3.66 0.00	29.06 -3.27 0.00	33.76 -3.50 0.00	30.82 -2.82 0.00
OLIN_CORP_DSASP 323712	36.22 -3.54 0.00	40.35 -3.60 0.00	36.04 -3.36 0.00	34.02 -3.13 0.00	31.82 -2.77 0.00	34.14 -2.97 0.00	39.02 -3.82 0.00	42.31 -4.39 0.00	42.94 -5.45 0.00	49.51 -6.64 0.00	124.24 -16.27 0.05	61.68 -8.37 0.20	40.55 -5.94 0.13	34.70 -5.72 0.67	33.12 -5.26 1.06	38.21 -5.68 0.00	30.77 -4.24 0.00	31.44 -4.04 0.00	44.92 -6.10 0.58	49.95 -6.21 0.00	35.31 -3.72 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
ONEIDA_HERK_LFGE 323681	40.49 0.73 0.00	45.00 1.06 0.00	40.41 1.01 0.00	38.06 0.91 0.00	35.38 0.80 0.00	38.05 0.94 0.00	43.88 1.05 0.00	47.83 1.14 0.00	49.67 1.27 0.00	57.71 1.56 0.00	144.55 3.99 0.00	72.20 1.94 0.00	47.75 1.13 0.00	41.97 0.89 0.00	40.11 0.67 0.00	44.48 0.59 0.00	35.53 0.52 0.00	36.12 0.63 0.00	52.87 1.24 -0.02	58.11 1.47 -0.48	39.96 0.93 0.00	32.98 0.65 0.00	38.00 0.73 0.00	34.16 0.51 0.00
ONEIDA___115KV_TB4 55905	40.53 0.76 0.00	44.81 0.87 0.00	40.15 0.75 0.00	37.84 0.69 0.00	35.23 0.64 0.00	37.83 0.72 0.00	43.57 0.73 0.00	47.49 0.80 0.00	49.27 0.87 0.00	57.22 1.06 0.01	143.26 2.71 0.01	71.56 1.36 0.05	47.44 0.83 0.01	41.72 0.64 0.00	39.99 0.55 0.00	44.35 0.46 0.00	35.47 0.45 0.00	35.97 0.49 0.00	52.47 0.98 0.12	57.94 1.10 -0.68	39.79 0.76 0.00	32.87 0.53 0.00	37.86 0.60 0.00	34.07 0.42 0.00
ONONDAGA_REF_OCCRA 23987	39.39 -0.37 0.00	43.44 -0.50 0.00	38.88 -0.52 0.00	36.66 -0.49 0.00	34.17 -0.42 0.00	36.68 -0.44 0.00	42.16 -0.67 0.00	45.95 -0.74 0.00	47.62 -0.78 0.00	55.23 -0.93 0.00	138.28 -2.26 0.02	69.08 -1.10 0.07	45.83 -0.80 -0.01	40.30 -0.79 0.00	38.69 -0.75 0.00	43.11 -0.78 0.00	34.50 -0.52 0.00	34.95 -0.53 0.00	50.62 -0.85 0.14	56.80 -0.87 -1.50	38.46 -0.56 0.00	31.81 -0.52 0.00	36.68 -0.58 0.00	33.07 -0.57 0.00
ONONDAGA___COGEN 23986	39.35 -0.41 0.00	43.40 -0.54 0.00	38.83 -0.57 0.00	36.63 -0.52 0.00	34.14 -0.45 0.00	36.64 -0.48 0.00	42.09 -0.74 0.00	45.90 -0.80 0.00	47.55 -0.84 0.00	55.17 -0.99 0.00	138.07 -2.50 0.00	69.04 -1.21 0.00	45.75 -0.87 0.00	40.25 -0.84 0.00	38.66 -0.78 0.00	43.09 -0.80 0.00	34.49 -0.53 0.00	34.94 -0.54 0.00	50.83 -0.88 -0.10	57.52 -0.92 -2.28	38.43 -0.60 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.61 0.00
ONTARIO___LFGE 23819	39.09 -0.67 0.00	43.14 -0.80 0.00	38.66 -0.74 0.00	36.46 -0.68 0.00	34.08 -0.51 0.00	36.55 -0.57 0.00	41.80 -1.03 0.00	45.64 -1.06 0.00	47.10 -1.29 0.00	54.60 -1.56 0.00	136.57 -3.95 0.04	68.17 -1.94 0.14	45.09 -1.39 0.14	40.00 -1.45 -0.37	38.65 -1.38 -0.58	42.48 -1.41 0.00	34.24 -0.78 0.00	34.65 -0.84 0.00	49.87 -1.36 0.37	55.77 -1.21 -0.81	38.35 -0.68 0.00	31.70 -0.63 0.00	36.61 -0.65 0.00	32.93 -0.72 0.00
ORANGEVILLE_WT_PWR 323706	37.48 -2.28 0.00	41.71 -2.23 0.00	37.31 -2.09 0.00	35.19 -1.96 0.00	32.94 -1.64 0.00	35.32 -1.80 0.00	40.39 -2.44 0.00	43.96 -2.73 0.00	44.88 -3.52 0.00	51.86 -4.30 0.00	129.92 -10.60 0.05	64.57 -5.51 0.17	42.43 -4.03 0.16	34.46 -4.15 2.48	31.76 -3.75 3.94	39.96 -3.93 0.00	32.19 -2.83 0.00	32.70 -2.79 0.00	46.87 -4.25 0.49	52.07 -4.09 0.00	36.64 -2.38 0.00	30.12 -2.22 0.00	34.95 -2.31 0.00	31.63 -2.01 0.00
ORANGEVILLE___ESR 323794	37.48 -2.28 0.00	41.71 -2.23 0.00	37.31 -2.09 0.00	35.19 -1.96 0.00	32.94 -1.64 0.00	35.32 -1.80 0.00	40.39 -2.44 0.00	43.96 -2.73 0.00	44.88 -3.52 0.00	51.86 -4.30 0.00	129.92 -10.60 0.05	64.57 -5.51 0.17	42.43 -4.03 0.16	34.46 -4.15 2.48	31.76 -3.75 3.94	39.96 -3.93 0.00	32.19 -2.83 0.00	32.70 -2.79 0.00	46.87 -4.25 0.49	52.07 -4.09 0.00	36.64 -2.38 0.00	30.12 -2.22 0.00	34.95 -2.31 0.00	31.63 -2.01 0.00
OSWEGATCHIE___HYD 24044	40.25 0.49 0.00	45.03 1.09 0.00	40.51 1.12 0.00	38.16 1.01 0.00	35.42 0.84 0.00	38.15 1.03 0.00	44.26 1.42 0.00	48.34 1.65 0.00	50.16 1.77 0.00	58.29 2.13 0.00	146.17 5.61 0.00	72.83 2.58 0.00	47.99 1.38 0.00	42.09 1.01 0.00	40.00 0.56 0.00	44.30 0.41 0.00	35.45 0.43 0.00	36.13 0.64 0.00	53.06 1.43 -0.03	58.87 1.99 -0.72	40.37 1.34 0.00	33.31 0.97 0.00	38.37 1.11 0.00	34.53 0.88 0.00
OSWEGO___5 23606	38.72 -1.04 0.00	42.72 -1.22 0.00	38.27 -1.13 0.00	36.09 -1.06 0.00	33.64 -0.94 0.00	36.10 -1.01 0.00	41.51 -1.32 0.00	45.24 -1.45 0.00	46.86 -1.54 0.00	54.34 -1.81 0.00	136.17 -4.57 -0.18	68.67 -2.27 -0.69	45.23 -1.54 -0.14	39.68 -1.40 0.00	38.11 -1.33 0.00	42.45 -1.44 0.00	33.93 -1.09 0.00	34.39 -1.09 0.00	52.30 -1.69 -2.38	64.00 -1.81 -9.66	37.80 -1.22 0.00	31.31 -1.03 0.00	36.10 -1.16 0.00	32.56 -1.08 0.00
OSWEGO___6 23613	38.72 -1.04 0.00	42.72 -1.22 0.00	38.27 -1.13 0.00	36.09 -1.06 0.00	33.64 -0.94 0.00	36.10 -1.01 0.00	41.51 -1.32 0.00	45.24 -1.45 0.00	46.86 -1.54 0.00	54.34 -1.81 0.00	136.17 -4.57 -0.18	68.67 -2.27 -0.69	45.23 -1.54 -0.14	39.68 -1.40 0.00	38.11 -1.33 0.00	42.45 -1.44 0.00	33.93 -1.09 0.00	34.39 -1.09 0.00	52.30 -1.69 -2.38	64.00 -1.81 -9.66	37.80 -1.22 0.00	31.31 -1.03 0.00	36.10 -1.16 0.00	32.56 -1.08 0.00

OUTOKUMPU-AB___DRP 24206	37.08 -2.68 0.00	41.25 -2.69 0.00	36.83 -2.57 0.00	34.74 -2.41 0.00	32.51 -2.08 0.00	34.88 -2.24 0.00	39.89 -2.95 0.00	43.32 -3.37 0.00	43.99 -4.41 0.00	50.75 -5.40 0.00	127.17 -13.34 0.05	63.27 -6.78 0.20	41.58 -4.91 0.13	35.55 -4.84 0.70	33.87 -4.46 1.11	39.11 -4.78 0.00	31.51 -3.51 0.00	32.18 -3.30 0.00	46.03 -5.00 0.58	51.23 -4.94 0.00	36.21 -2.82 0.00	29.74 -2.60 0.00	34.51 -2.75 0.00	31.36 -2.28 0.00
OXBOW___BTM 323836	36.62 -3.14 0.00	40.77 -3.17 0.00	36.41 -2.99 0.00	34.35 -2.80 0.00	32.14 -2.45 0.00	34.48 -2.64 0.00	39.42 -3.41 0.00	42.78 -3.91 0.00	43.45 -4.95 0.00	50.10 -6.05 0.00	125.75 -14.76 0.05	62.46 -7.59 0.20	41.05 -5.44 0.13	35.11 -5.29 0.68	33.50 -4.86 1.08	38.65 -5.24 0.00	31.14 -3.87 0.00	31.81 -3.67 0.00	45.47 -5.56 0.58	50.57 -5.59 0.00	35.73 -3.30 0.00	29.39 -2.95 0.00	34.11 -3.16 0.00	31.01 -2.63 0.00
OXBOW___ 24026	36.63 -3.13 0.00	40.77 -3.18 0.00	36.41 -2.99 0.00	34.35 -2.80 0.00	32.13 -2.46 0.00	34.48 -2.64 0.00	39.42 -3.41 0.00	42.78 -3.91 0.00	43.45 -4.95 0.00	50.10 -6.05 0.00	125.53 -14.98 0.05	62.44 -7.60 0.20	41.04 -5.45 0.13	35.09 -5.30 0.68	33.46 -4.90 1.08	38.62 -5.27 0.00	31.12 -3.90 0.00	31.79 -3.70 0.00	45.44 -5.59 0.58	50.56 -5.60 0.00	35.76 -3.27 0.00	29.38 -2.95 0.00	34.11 -3.16 0.00	31.01 -2.63 0.00
OXY_CHEM_DSASP 323612	36.22 -3.54 0.00	40.35 -3.59 0.00	36.04 -3.35 0.00	34.02 -3.13 0.00	31.81 -2.78 0.00	34.14 -2.97 0.00	39.01 -3.82 0.00	42.31 -4.38 0.00	42.94 -5.46 0.00	49.51 -6.64 0.00	124.01 -16.50 0.05	61.68 -8.37 0.20	40.54 -5.95 0.13	34.69 -5.73 0.67	33.07 -5.31 1.06	38.18 -5.71 0.00	30.75 -4.27 0.00	31.42 -4.06 0.00	44.90 -6.13 0.58	49.94 -6.23 0.00	35.34 -3.69 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
OZONE_PARK_ESR 323760	42.47 2.71 0.00	46.60 2.66 0.00	41.64 2.24 0.00	39.17 2.02 0.00	36.47 1.89 0.00	38.98 1.86 0.00	44.75 1.92 0.00	48.79 2.10 0.00	50.79 2.40 0.00	59.14 2.98 0.00	147.79 7.23 0.00	74.67 4.42 0.00	49.97 3.36 0.00	44.38 3.29 0.00	142.58 3.25 -99.89	68.89 3.59 -21.41	55.73 2.74 -17.98	54.21 2.58 -16.15	57.19 3.76 -1.82	62.69 3.71 -2.81	41.36 2.33 0.00	39.32 1.85 -5.14	40.73 2.04 -1.43	35.30 1.66 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	36.22 -3.54 0.00	40.35 -3.59 0.00	36.04 -3.35 0.00	34.02 -3.13 0.00	31.81 -2.78 0.00	34.14 -2.97 0.00	39.01 -3.82 0.00	42.31 -4.38 0.00	42.94 -5.46 0.00	49.51 -6.64 0.00	124.01 -16.50 0.05	61.68 -8.37 0.20	40.54 -5.95 0.13	34.69 -5.73 0.67	33.07 -5.31 1.06	38.18 -5.71 0.00	30.75 -4.27 0.00	31.42 -4.06 0.00	44.90 -6.13 0.58	49.94 -6.23 0.00	35.34 -3.69 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
PACKARD___115KV_DUPONT_184 80571	36.22 -3.54 0.00	40.35 -3.59 0.00	36.04 -3.35 0.00	34.02 -3.13 0.00	31.81 -2.78 0.00	34.14 -2.97 0.00	39.01 -3.82 0.00	42.31 -4.38 0.00	42.94 -5.46 0.00	49.51 -6.64 0.00	124.01 -16.50 0.05	61.68 -8.37 0.20	40.54 -5.95 0.13	34.69 -5.73 0.67	33.07 -5.31 1.06	38.18 -5.71 0.00	30.75 -4.27 0.00	31.42 -4.06 0.00	44.90 -6.13 0.58	49.94 -6.23 0.00	35.34 -3.69 0.00	29.05 -3.29 0.00	33.74 -3.53 0.00	30.70 -2.94 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.77 2.01 0.00	45.98 2.04 0.00	41.16 1.77 0.00	38.74 1.59 0.00	36.06 1.48 0.00	38.58 1.46 0.00	44.33 1.50 0.00	48.32 1.62 0.00	50.34 1.95 0.00	58.49 2.33 0.00	146.40 5.84 0.00	73.92 3.67 0.00	49.45 2.83 0.00	43.89 2.81 0.00	141.86 2.62 -99.80	68.47 3.19 -21.39	55.27 2.30 -17.96	53.79 2.17 -16.13	56.76 3.33 -1.82	62.00 3.03 -2.81	40.90 1.87 0.00	38.99 1.52 -5.13	40.35 1.67 -1.42	34.99 1.34 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.14 3.38 0.00	47.56 3.62 0.00	42.58 3.18 0.00	40.07 2.93 0.00	37.34 2.75 0.00	39.95 2.84 0.00	45.90 3.07 0.00	50.00 3.30 0.00	52.05 3.66 0.00	60.40 4.25 0.00	150.90 10.34 0.00	76.31 6.05 0.00	51.06 4.44 0.00	45.27 4.18 0.00	143.26 4.02 -99.80	69.99 4.71 -21.39	56.46 3.49 -17.96	55.00 3.38 -16.13	58.48 5.05 -1.82	63.92 4.94 -2.81	42.19 3.16 0.00	40.05 2.58 -5.13	41.61 2.93 -1.42	36.14 2.50 0.00
PATROON___115KV_TB1 80586	40.91 1.15 0.00	45.13 1.19 0.00	40.46 1.06 0.00	38.12 0.98 0.00	35.46 0.88 0.00	38.04 0.93 0.00	43.66 0.83 0.00	47.53 0.84 0.00	49.36 0.96 0.00	57.19 1.03 0.00	143.33 2.77 0.00	71.56 1.30 0.00	47.49 0.87 0.00	42.00 0.92 0.00	59.61 0.93 -19.24	49.06 1.06 -4.11	38.89 0.72 -3.15	39.22 0.65 -3.08	52.87 0.91 -0.34	57.53 0.86 -0.51	39.55 0.52 0.00	33.76 0.51 -0.92	37.98 0.47 -0.26	34.02 0.38 0.00
PATTRSNVILLE___SOLAR 323815	41.06 1.29 0.00	45.31 1.37 0.00	40.62 1.23 0.00	38.28 1.13 0.00	35.61 1.03 0.00	38.22 1.11 0.00	43.98 1.15 0.00	47.95 1.25 0.00	49.70 1.30 0.00	57.70 1.54 0.00	144.25 3.68 0.00	72.36 2.10 0.00	47.99 1.37 0.00	42.18 1.10 0.00	56.56 1.06 -16.06	48.40 1.07 -3.44	38.42 0.78 -2.62	38.89 0.82 -2.59	53.34 1.44 -0.29	58.18 1.59 -0.42	40.09 1.06 0.00	33.99 0.88 -0.77	38.46 0.98 -0.21	34.47 0.83 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.14 -2.62 0.00	41.33 -2.61 0.00	36.91 -2.49 0.00	34.81 -2.34 0.00	32.57 -2.02 0.00	34.92 -2.20 0.00	39.96 -2.88 0.00	43.50 -3.20 0.00	44.35 -4.05 0.00	51.22 -4.94 0.00	128.45 -12.06 0.05	63.94 -6.12 0.19	42.06 -4.42 0.14	35.99 -4.38 0.72	34.22 -4.07 1.14	39.54 -4.36 0.00	31.86 -3.15 0.00	32.43 -3.05 0.00	46.39 -4.68 0.54	51.66 -4.51 0.00	36.43 -2.60 0.00	29.89 -2.45 0.00	34.67 -2.60 0.00	31.40 -2.24 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.04 2.28 0.00	46.16 2.22 0.00	41.26 1.87 0.00	38.82 1.67 0.00	36.13 1.54 0.00	38.67 1.55 0.00	44.43 1.60 0.00	48.46 1.77 0.00	50.43 2.04 0.00	58.69 2.54 0.00	146.69 6.13 0.00	73.95 3.70 0.00	49.49 2.87 0.00	43.96 2.88 0.00	90.58 2.86 -48.28	57.38 3.14 -10.36	46.57 2.42 -9.13	45.57 2.27 -7.81	55.72 3.23 -0.87	60.61 3.17 -1.28	41.02 1.99 0.00	36.23 1.56 -2.33	39.61 1.70 -0.65	34.99 1.35 0.00
PEEKSKILL___ 23653	41.62 1.86 0.00	45.70 1.76 0.00	40.88 1.49 0.00	38.49 1.34 0.00	35.83 1.24 0.00	38.32 1.20 0.00	44.03 1.19 0.00	48.00 1.30 0.00	49.92 1.53 0.00	58.04 1.88 0.00	144.99 4.42 0.00	73.12 2.87 0.00	48.88 2.26 0.00	43.38 2.30 0.00	662.93 2.31 -621.18	181.61 2.62 -135.09	99.01 1.99 -62.01	139.25 1.85 -101.92	64.19 2.67 -9.91	61.77 2.54 -3.07	40.59 1.56 0.00	39.18 1.23 -5.60	40.15 1.33 -1.56	34.69 1.05 0.00
PGE MADISON___WINDPWR 24146	40.81 1.05 0.00	45.29 1.35 0.00	40.70 1.31 0.00	38.73 1.58 0.00	36.22 1.63 0.00	39.03 1.92 0.00	44.88 2.05 0.00	49.10 2.40 0.00	50.84 2.44 0.00	59.10 2.95 0.00	148.11 7.56 0.01	74.04 3.84 0.05	49.17 2.43 -0.12	43.06 1.87 -0.11	40.93 1.31 -0.18	45.54 1.65 0.00	36.77 1.75 0.00	37.32 1.83 0.00	54.47 2.97 0.11	60.57 3.46 -0.95	41.42 2.39 0.00	34.09 1.76 0.00	39.24 1.97 0.00	35.19 1.54 0.00

PIERCEFIELD___HYD 23852	40.16 0.39 0.00	44.82 0.88 0.00	40.29 0.90 0.00	38.04 0.89 0.00	35.34 0.75 0.00	37.99 0.87 0.00	44.23 1.40 0.00	48.43 1.74 0.00	50.13 1.74 0.00	58.21 2.05 0.00	146.18 5.62 0.00	72.76 2.51 0.00	48.02 1.40 0.00	42.14 1.06 0.00	40.15 0.70 0.00	44.43 0.54 0.00	35.51 0.49 0.00	36.22 0.73 0.00	53.06 1.43 -0.02	58.64 2.11 -0.37	40.54 1.51 0.00	33.54 1.21 0.00	38.64 1.38 0.00	34.89 1.25 0.00
PINELAWN_CC_1 323563	42.30 2.54 0.00	46.38 2.44 0.00	41.50 2.11 0.00	38.95 1.80 0.00	36.34 1.76 0.00	38.83 1.71 0.00	44.54 1.70 0.00	48.42 1.73 0.00	50.33 1.93 0.00	58.50 2.34 0.00	142.06 3.46 1.97	72.41 2.15 0.00	48.69 2.07 0.00	55.30 1.93 -12.28	186.05 2.15 -144.46	153.10 2.38 -106.83	90.44 1.99 -53.43	69.34 1.89 -31.97	56.30 2.88 -1.82	61.68 2.71 -2.80	40.77 1.75 0.00	38.75 1.30 -5.11	39.95 1.27 -1.42	34.60 0.96 0.00
PJM_GEN_HTP_PROXY 323702	37.84 2.22 4.13	46.07 2.13 0.00	41.53 1.79 -0.34	38.75 1.60 0.00	36.09 1.51 0.00	38.58 1.46 0.00	44.43 1.47 -0.13	48.29 1.60 0.00	49.91 1.87 0.36	58.50 2.34 0.00	146.11 5.55 0.00	73.78 3.53 0.00	49.39 2.77 0.00	43.84 2.76 0.00	141.00 2.70 -98.87	68.32 3.00 -21.43	55.29 2.28 -17.99	53.77 2.12 -16.17	56.54 3.11 -1.83	61.97 2.99 -2.82	42.39 1.85 -1.51	38.93 1.46 -5.14	40.28 1.59 -1.43	34.91 1.27 0.00
PJM_GEN_KEystone 24065	27.59 -0.43 11.74	43.43 -0.51 0.00	39.19 -0.55 -0.34	25.72 -0.56 10.86	32.53 -0.43 1.63	36.53 -0.58 0.00	42.02 -0.94 -0.13	45.69 -1.01 0.00	45.32 -1.25 1.83	52.07 -1.43 2.65	137.11 -3.43 0.02	68.82 -1.35 0.08	37.58 -0.84 8.20	40.18 -0.74 0.17	-27.65 -0.58 66.51	29.31 -0.56 14.02	19.50 -0.35 15.16	24.44 -0.47 10.58	49.22 -0.76 1.62	51.77 -0.82 3.58	40.01 -0.53 -1.51	19.75 -0.60 11.99	34.61 -0.65 2.01	32.98 -0.66 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.84 2.21 4.13	46.03 2.09 0.00	41.53 1.78 -0.34	38.67 1.53 0.00	36.07 1.49 0.00	38.54 1.43 0.00	44.36 1.40 -0.13	48.10 1.40 0.00	49.62 1.59 0.36	58.14 1.99 0.00	141.52 3.36 2.41	72.74 2.49 0.00	48.91 2.29 0.00	53.72 2.28 -10.36	177.63 2.44 -135.75	140.17 2.66 -93.62	85.02 2.09 -47.91	66.96 1.99 -29.49	56.42 2.99 -1.82	61.79 2.82 -2.80	42.26 1.72 -1.51	38.75 1.30 -5.11	40.00 1.32 -1.42	34.65 1.01 0.00
PJM_GEN_VFT_PROXY 323633	37.68 2.05 4.13	45.87 1.93 0.00	41.37 1.63 -0.34	38.61 1.46 0.00	35.96 1.38 0.00	38.42 1.30 0.00	44.23 1.27 -0.13	48.07 1.38 0.00	49.67 1.64 0.36	58.22 2.06 0.00	145.44 4.88 0.00	73.49 3.24 0.00	49.18 2.56 0.00	43.67 2.59 0.00	140.74 2.53 -98.76	68.05 2.76 -21.40	55.08 2.08 -17.98	53.52 1.90 -16.14	56.26 2.83 -1.82	61.65 2.67 -2.81	42.18 1.64 -1.51	38.74 1.28 -5.13	40.09 1.41 -1.42	34.76 1.12 0.00
PLATSBURG_115KV_PMLD1 355749	39.07 -0.69 0.00	44.52 0.58 0.00	40.35 0.96 0.00	38.62 1.47 0.00	35.90 1.32 0.00	38.46 1.34 0.00	44.60 1.77 0.00	48.91 2.21 0.00	50.51 2.12 0.00	58.94 2.78 0.00	149.02 8.46 0.00	74.51 4.26 0.00	49.20 2.59 0.00	42.98 1.89 0.00	40.67 1.23 0.00	44.86 0.97 0.00	35.47 0.45 0.00	35.76 0.28 0.00	52.45 0.84 0.00	57.93 1.77 0.00	40.40 1.38 0.00	33.42 1.08 0.00	38.49 1.23 0.00	34.80 1.16 0.00
PLEASANTVLY___LBMP 24000	41.52 1.76 0.00	45.64 1.70 0.00	40.81 1.41 0.00	38.41 1.27 0.00	35.76 1.18 0.00	38.28 1.16 0.00	43.96 1.12 0.00	47.92 1.23 0.00	49.85 1.46 0.00	57.93 1.78 0.00	144.70 4.14 0.00	72.88 2.63 0.00	48.70 2.08 0.00	43.21 2.13 0.00	105.20 2.11 -63.65	59.93 2.39 -13.66	48.77 1.81 -11.94	47.47 1.69 -10.30	55.18 2.43 -1.15	60.12 2.27 -1.69	40.42 1.39 0.00	36.53 1.12 -3.08	39.33 1.21 -0.85	34.58 0.94 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.86 2.10 0.00	45.97 2.03 0.00	41.10 1.70 0.00	38.68 1.53 0.00	36.01 1.42 0.00	38.51 1.40 0.00	44.23 1.39 0.00	48.23 1.53 0.00	50.17 1.77 0.00	58.36 2.20 0.00	145.77 5.21 0.00	73.53 3.28 0.00	49.18 2.57 0.00	43.67 2.59 0.00	131.07 2.57 -89.06	65.86 2.88 -19.09	53.35 2.18 -16.16	51.94 2.05 -14.40	56.19 2.96 -1.62	61.47 2.83 -2.48	40.79 1.76 0.00	38.24 1.39 -4.52	40.03 1.51 -1.25	34.84 1.20 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	41.86 2.10 0.00	45.97 2.03 0.00	41.10 1.70 0.00	38.68 1.53 0.00	36.01 1.42 0.00	38.51 1.40 0.00	44.23 1.39 0.00	48.23 1.53 0.00	50.17 1.77 0.00	58.36 2.20 0.00	145.77 5.21 0.00	73.53 3.28 0.00	49.18 2.57 0.00	43.67 2.59 0.00	131.07 2.57 -89.06	65.86 2.88 -19.09	53.35 2.18 -16.16	51.94 2.05 -14.40	56.19 2.96 -1.62	61.47 2.83 -2.48	40.79 1.76 0.00	38.24 1.39 -4.52	40.03 1.51 -1.25	34.84 1.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	41.78 2.02 0.00	45.90 1.96 0.00	41.02 1.62 0.00	38.59 1.45 0.00	35.93 1.35 0.00	38.46 1.34 0.00	44.20 1.36 0.00	48.21 1.52 0.00	50.19 1.79 0.00	58.37 2.21 0.00	145.76 5.20 0.00	73.42 3.17 0.00	49.11 2.49 0.00	43.58 2.50 0.00	69.17 2.46 -27.27	52.49 2.75 -5.85	42.83 2.14 -5.67	41.92 2.02 -4.41	54.97 2.87 -0.49	59.66 2.76 -0.73	40.74 1.71 0.00	35.01 1.35 -1.33	39.11 1.48 -0.37	34.81 1.17 0.00
POLETTI_____ 23519	28.86 1.49 12.38	32.49 1.39 12.84	28.98 1.18 11.60	27.67 1.04 10.52	26.36 0.96 9.19	27.32 0.92 10.71	28.48 0.89 15.24	31.23 0.96 16.43	33.52 1.26 16.14	42.16 1.55 15.55	131.09 3.90 13.38	58.85 2.71 14.11	34.43 2.20 14.39	28.94 2.25 14.39	90.93 2.09 -49.39	52.14 2.61 -5.64	36.24 1.82 0.59	31.53 1.68 5.63	46.68 2.76 7.68	52.47 2.41 6.10	29.48 1.32 10.87	28.53 1.08 4.88	28.58 1.17 9.85	27.34 0.88 7.18
POMONA___ESR 323819	41.63 1.87 0.00	45.72 1.78 0.00	40.89 1.50 0.00	38.46 1.32 0.00	35.82 1.24 0.00	38.32 1.20 0.00	44.02 1.19 0.00	47.99 1.29 0.00	49.91 1.52 0.00	58.03 1.87 0.00	145.04 4.48 0.00	73.20 2.94 0.00	48.92 2.30 0.00	43.40 2.32 0.00	-98.81 2.33 140.59	16.45 2.67 30.10	14.23 2.03 22.82	14.65 1.88 22.71	51.73 2.71 2.59	54.58 2.57 4.15	40.61 1.59 0.00	26.00 1.24 7.58	36.52 1.36 2.10	34.71 1.07 0.00
PORT_JEFF_3 23555	42.01 2.24 0.00	46.00 2.06 0.00	41.20 1.80 0.00	38.65 1.51 0.00	36.08 1.49 0.00	38.55 1.43 0.00	44.21 1.38 0.00	48.04 1.34 0.00	49.95 1.55 0.00	57.99 1.83 0.00	141.54 2.88 1.90	72.28 2.03 0.00	48.76 2.14 0.00	54.33 2.12 -11.14	181.89 2.40 -140.05	145.46 2.55 -99.02	87.30 2.13 -50.15	68.12 2.15 -30.49	56.69 3.26 -1.82	62.10 3.13 -2.80	40.96 1.93 0.00	38.92 1.47 -5.11	40.06 1.37 -1.42	34.72 1.08 0.00
PORT_JEFF_4 23616	42.01 2.24 0.00	46.00 2.06 0.00	41.20 1.80 0.00	38.65 1.51 0.00	36.08 1.49 0.00	38.55 1.43 0.00	44.21 1.38 0.00	48.04 1.34 0.00	49.95 1.55 0.00	57.99 1.83 0.00	141.54 2.88 1.90	72.28 2.03 0.00	48.76 2.14 0.00	54.33 2.12 -11.14	181.89 2.40 -140.05	145.46 2.55 -99.02	87.30 2.13 -50.15	68.12 2.15 -30.49	56.69 3.26 -1.82	62.10 3.13 -2.80	40.96 1.93 0.00	38.92 1.47 -5.11	40.06 1.37 -1.42	34.72 1.08 0.00

PORT_JEFF_IC 23713	42.08 2.32 0.00	46.06 2.12 0.00	41.24 1.85 0.00	38.69 1.55 0.00	36.12 1.53 0.00	38.59 1.47 0.00	44.26 1.43 0.00	48.09 1.40 0.00	50.00 1.61 0.00	58.07 1.92 0.00	141.98 3.32 1.90	72.43 2.17 0.00	48.86 2.24 0.00	54.43 2.17 -11.18	182.12 2.48 -140.20	145.73 2.55 -99.29	87.40 2.12 -50.27	68.15 2.12 -30.54	56.67 3.24 -1.82	62.12 3.16 -2.80	40.96 1.93 0.00	38.91 1.47 -5.11	40.04 1.36 -1.42	34.70 1.06 0.00
PPL PILGRIM_ST_GT1 24216	42.33 2.56 0.00	46.39 2.45 0.00	41.56 2.16 0.00	39.00 1.85 0.00	36.41 1.82 0.00	38.90 1.78 0.00	44.59 1.76 0.00	48.42 1.73 0.00	50.34 1.94 0.00	58.32 2.17 0.00	142.34 3.60 1.83	72.37 2.12 0.00	49.01 2.40 0.00	54.70 2.30 -11.32	182.65 2.42 -140.79	146.85 2.64 -100.33	87.91 2.20 -50.69	68.40 2.19 -30.73	57.00 3.57 -1.82	62.39 3.42 -2.80	41.24 2.22 0.00	39.18 1.73 -5.11	40.38 1.70 -1.42	35.00 1.36 0.00
PPL PILGRIM_ST_GT2 24217	42.33 2.56 0.00	46.39 2.45 0.00	41.56 2.16 0.00	39.00 1.85 0.00	36.41 1.82 0.00	38.90 1.78 0.00	44.59 1.76 0.00	48.42 1.73 0.00	50.34 1.94 0.00	58.32 2.17 0.00	142.34 3.60 1.83	72.37 2.12 0.00	49.01 2.40 0.00	54.70 2.30 -11.32	182.65 2.42 -140.79	146.85 2.64 -100.33	87.91 2.20 -50.69	68.40 2.19 -30.73	57.00 3.57 -1.82	62.39 3.42 -2.80	41.24 2.22 0.00	39.18 1.73 -5.11	40.38 1.70 -1.42	35.00 1.36 0.00
PPL_SHRM_GT3 24213	41.50 1.73 0.00	45.41 1.47 0.00	40.65 1.25 0.00	38.12 0.97 0.00	35.57 0.98 0.00	38.02 0.90 0.00	43.62 0.78 0.00	47.40 0.71 0.00	49.32 0.93 0.00	57.28 1.12 0.00	139.88 1.22 1.90	71.41 1.16 0.00	48.21 1.59 0.00	53.91 1.67 -11.15	181.58 2.02 -140.12	145.20 2.17 -99.14	87.12 1.90 -50.20	67.95 1.96 -30.51	56.39 2.96 -1.82	61.67 2.70 -2.80	40.65 1.62 0.00	38.67 1.22 -5.11	39.72 1.04 -1.42	34.39 0.75 0.00
PPL_SHRM_GT4 24214	41.50 1.73 0.00	45.41 1.47 0.00	40.65 1.25 0.00	38.12 0.97 0.00	35.57 0.98 0.00	38.02 0.90 0.00	43.62 0.78 0.00	47.40 0.71 0.00	49.32 0.93 0.00	57.28 1.12 0.00	139.88 1.22 1.90	71.41 1.16 0.00	48.21 1.59 0.00	53.91 1.67 -11.15	181.58 2.02 -140.12	145.20 2.17 -99.14	87.12 1.90 -50.20	67.95 1.96 -30.51	56.39 2.96 -1.82	61.67 2.70 -2.80	40.65 1.62 0.00	38.67 1.22 -5.11	39.72 1.04 -1.42	34.39 0.75 0.00
PROJECT___ORANGE 1 24174	39.17 -0.59 0.00	43.18 -0.76 0.00	38.66 -0.74 0.00	36.46 -0.69 0.00	33.98 -0.61 0.00	36.46 -0.65 0.00	41.91 -0.92 0.00	45.67 -1.02 0.00	47.32 -1.08 0.00	54.89 -1.27 0.00	137.38 -3.16 0.03	68.60 -1.56 0.10	45.49 -1.11 0.02	40.04 -1.05 0.00	38.44 -1.00 0.00	42.84 -1.05 0.00	34.27 -0.75 0.00	34.73 -0.75 0.00	50.19 -1.19 0.23	56.14 -1.28 -1.26	38.18 -0.85 0.00	31.59 -0.74 0.00	36.44 -0.82 0.00	32.87 -0.77 0.00
PROJECT___ORANGE 2 24166	39.17 -0.59 0.00	43.18 -0.76 0.00	38.66 -0.74 0.00	36.46 -0.69 0.00	33.98 -0.61 0.00	36.46 -0.65 0.00	41.91 -0.92 0.00	45.67 -1.02 0.00	47.32 -1.08 0.00	54.89 -1.27 0.00	137.38 -3.16 0.03	68.60 -1.56 0.10	45.49 -1.11 0.02	40.04 -1.05 0.00	38.44 -1.00 0.00	42.84 -1.05 0.00	34.27 -0.75 0.00	34.73 -0.75 0.00	50.19 -1.19 0.23	56.14 -1.28 -1.26	38.18 -0.85 0.00	31.59 -0.74 0.00	36.44 -0.82 0.00	32.87 -0.77 0.00
PUCKETT___SOLAR 323809	39.49 -0.27 0.00	43.74 -0.20 0.00	39.30 -0.10 0.00	37.19 0.05 0.00	34.70 0.12 0.00	37.25 0.13 0.00	42.76 -0.07 0.00	46.69 -0.01 0.00	48.26 -0.13 0.00	55.99 -0.17 0.00	140.30 -0.25 0.02	70.16 -0.04 0.06	46.52 -0.09 0.01	40.89 -0.20 0.00	39.09 -0.35 0.00	43.50 -0.39 0.00	34.94 -0.07 0.00	35.47 -0.01 0.00	51.59 0.11 0.12	57.27 0.22 -0.88	39.23 0.20 0.00	32.36 0.03 0.00	37.31 0.05 0.00	33.58 -0.06 0.00
PYRITES___HYD 24023	40.81 1.05 0.00	45.47 1.53 0.00	40.85 1.45 0.00	38.54 1.39 0.00	35.80 1.21 0.00	38.51 1.39 0.00	44.87 2.04 0.00	49.13 2.44 0.00	50.88 2.48 0.00	59.02 2.87 0.00	148.08 7.52 0.00	73.62 3.37 0.00	48.54 1.92 0.00	42.59 1.51 0.00	40.42 0.98 0.00	44.52 0.63 0.00	35.61 0.59 0.00	36.44 0.95 0.00	53.48 1.88 0.00	59.16 3.00 0.00	41.23 2.20 0.00	34.11 1.78 0.00	39.26 2.00 0.00	35.46 1.81 0.00
QUAKERRD_115KV_BK1 80622	37.92 -1.85 0.00	41.88 -2.06 0.00	37.46 -1.94 0.00	35.33 -1.82 0.00	32.95 -1.63 0.00	35.37 -1.74 0.00	40.64 -2.20 0.00	44.28 -2.41 0.00	45.65 -2.75 0.00	52.92 -3.24 0.00	132.45 -8.05 0.06	65.93 -4.09 0.23	43.54 -2.99 0.09	38.23 -2.85 0.00	36.77 -2.67 0.00	41.11 -2.78 0.00	32.97 -2.05 0.00	33.53 -1.95 0.00	48.04 -2.91 0.66	53.20 -2.96 0.00	37.16 -1.87 0.00	30.66 -1.67 0.00	35.38 -1.88 0.00	31.92 -1.73 0.00
QUENSBRY_115KV_TB8 356137	43.03 3.27 0.00	47.53 3.59 0.00	42.45 3.06 0.00	40.09 2.94 0.00	37.31 2.72 0.00	39.86 2.75 0.00	45.73 2.89 0.00	49.87 3.17 0.00	51.82 3.42 0.00	60.19 4.03 0.00	150.13 9.56 0.00	75.32 5.06 0.00	49.64 3.02 0.00	43.24 2.16 0.00	59.43 1.86 -18.13	49.66 1.89 -3.88	39.58 1.57 -2.99	40.04 1.63 -2.92	54.40 2.46 -0.33	59.45 2.80 -0.48	40.86 1.83 0.00	34.73 1.52 -0.87	39.24 1.73 -0.24	35.07 1.42 0.00
RAMAPO___LBMP 323565	41.39 1.63 0.00	45.47 1.53 0.00	40.69 1.29 0.00	38.27 1.13 0.00	35.65 1.06 0.00	38.13 1.01 0.00	43.81 0.97 0.00	47.76 1.06 0.00	49.65 1.25 0.00	57.71 1.56 0.00	144.25 3.69 0.00	72.75 2.50 0.00	48.58 1.96 0.00	43.09 2.01 0.00	-107.52 2.06 149.02	14.29 2.37 31.97	13.85 1.79 22.95	13.01 1.65 24.12	51.29 2.37 2.69	54.46 2.23 3.94	40.38 1.35 0.00	26.21 1.07 7.19	36.43 1.16 2.00	34.54 0.90 0.00
RANKINE____ 23646	37.23 -2.53 0.00	41.44 -2.50 0.00	37.01 -2.38 0.00	34.91 -2.24 0.00	32.68 -1.91 0.00	35.04 -2.08 0.00	40.06 -2.77 0.00	43.58 -3.12 0.00	44.36 -4.04 0.00	51.20 -4.96 0.00	128.32 -12.19 0.05	63.88 -6.18 0.19	41.99 -4.49 0.14	35.80 -4.46 0.82	33.99 -4.14 1.31	39.47 -4.42 0.00	31.81 -3.21 0.00	32.38 -3.11 0.00	46.34 -4.72 0.55	51.60 -4.57 0.00	36.42 -2.61 0.00	29.89 -2.45 0.00	34.70 -2.56 0.00	31.47 -2.18 0.00
RAVENSWOOD_GT2_1 24244	42.01 2.25 0.00	46.11 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.31 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	61.99 3.02 -2.81	40.90 1.87 0.00	38.95 1.49 -5.13	40.31 1.62 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT2_2 24245	42.01 2.25 0.00	46.11 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.31 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	61.99 3.02 -2.81	40.90 1.87 0.00	38.95 1.49 -5.13	40.31 1.62 -1.42	34.94 1.30 0.00

RAVENSWOOD_GT2_3 24246	42.02 2.26 0.00	46.13 2.19 0.00	41.25 1.85 0.00	38.81 1.66 0.00	36.14 1.55 0.00	38.63 1.52 0.00	44.36 1.53 0.00	48.35 1.66 0.00	50.34 1.94 0.00	58.57 2.41 0.00	146.28 5.72 0.00	73.88 3.63 0.00	49.45 2.83 0.00	43.90 2.82 0.00	142.00 2.76 -99.80	68.33 3.06 -21.39	55.30 2.32 -17.96	53.79 2.17 -16.13	56.62 3.19 -1.82	62.04 3.06 -2.81	40.91 1.88 0.00	38.97 1.50 -5.13	40.33 1.65 -1.42	34.96 1.32 0.00
RAVENSWOOD_GT2_4 24247	42.02 2.26 0.00	46.13 2.19 0.00	41.25 1.85 0.00	38.81 1.66 0.00	36.14 1.55 0.00	38.63 1.52 0.00	44.36 1.53 0.00	48.35 1.66 0.00	50.34 1.94 0.00	58.57 2.41 0.00	146.28 5.72 0.00	73.88 3.63 0.00	49.45 2.83 0.00	43.90 2.82 0.00	142.00 2.76 -99.80	68.33 3.06 -21.39	55.30 2.32 -17.96	53.79 2.17 -16.13	56.62 3.19 -1.82	62.04 3.06 -2.81	40.91 1.88 0.00	38.97 1.50 -5.13	40.33 1.65 -1.42	34.96 1.32 0.00
RAVENSWOOD_GT3_1 24248	42.01 2.25 0.00	46.11 2.17 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.98 2.74 -99.80	68.31 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	61.99 3.02 -2.81	40.90 1.88 0.00	38.95 1.48 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT3_2 24249	42.01 2.25 0.00	46.11 2.17 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.98 2.74 -99.80	68.31 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	61.99 3.02 -2.81	40.90 1.88 0.00	38.95 1.48 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT3_3 24250	42.09 2.33 0.00	46.19 2.25 0.00	41.31 1.91 0.00	38.86 1.71 0.00	36.18 1.59 0.00	38.68 1.56 0.00	44.41 1.58 0.00	48.42 1.72 0.00	50.40 2.01 0.00	58.64 2.49 0.00	146.52 5.96 0.00	73.99 3.74 0.00	49.53 2.91 0.00	43.96 2.88 0.00	142.07 2.82 -99.80	68.41 3.13 -21.39	55.35 2.38 -17.96	53.84 2.22 -16.13	56.69 3.26 -1.82	62.11 3.13 -2.81	40.98 1.95 0.00	39.01 1.54 -5.13	40.38 1.69 -1.42	34.99 1.35 0.00
RAVENSWOOD_GT3_4 24251	42.09 2.33 0.00	46.19 2.25 0.00	41.31 1.91 0.00	38.86 1.71 0.00	36.18 1.59 0.00	38.68 1.56 0.00	44.41 1.58 0.00	48.42 1.72 0.00	50.40 2.01 0.00	58.64 2.49 0.00	146.52 5.96 0.00	73.99 3.74 0.00	49.53 2.91 0.00	43.96 2.88 0.00	142.07 2.82 -99.80	68.41 3.13 -21.39	55.35 2.38 -17.96	53.84 2.22 -16.13	56.69 3.26 -1.82	62.11 3.13 -2.81	40.98 1.95 0.00	39.01 1.54 -5.13	40.38 1.69 -1.42	34.99 1.35 0.00
RAVENSWOOD_GT_1 23729	41.94 2.18 0.00	46.08 2.13 0.00	41.25 1.85 0.00	38.82 1.67 0.00	36.14 1.56 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.35 1.65 0.00	50.37 1.97 0.00	58.56 2.41 0.00	146.34 5.78 0.00	73.97 3.72 0.00	49.51 2.89 0.00	43.96 2.88 0.00	141.91 2.67 -99.80	68.42 3.14 -21.39	55.29 2.31 -17.96	53.78 2.16 -16.13	56.69 3.26 -1.82	62.01 3.03 -2.81	40.92 1.89 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	35.00 1.36 0.00
RAVENSWOOD_GT_10 24258	42.01 2.25 0.00	46.11 2.17 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.57 3.15 -1.82	62.00 3.03 -2.81	40.90 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT_11 24259	42.01 2.25 0.00	46.11 2.17 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.57 3.15 -1.82	62.00 3.03 -2.81	40.90 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT_4 24252	42.01 2.25 0.00	46.11 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.24 5.68 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.05 -21.39	55.28 2.31 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	62.01 3.03 -2.81	40.91 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT_5 24254	42.01 2.25 0.00	46.11 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.24 5.68 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.05 -21.39	55.28 2.31 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	62.01 3.03 -2.81	40.91 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT_6 24253	42.01 2.25 0.00	46.11 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.24 5.68 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.05 -21.39	55.28 2.31 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	62.01 3.03 -2.81	40.91 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT_7 24255	42.01 2.25 0.00	46.11 2.16 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.24 5.68 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.05 -21.39	55.28 2.31 -17.96	53.77 2.15 -16.13	56.58 3.15 -1.82	62.01 3.03 -2.81	40.91 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.01 2.25 0.00	46.11 2.17 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.57 3.15 -1.82	62.00 3.03 -2.81	40.90 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD_GT_9 24257	42.01 2.25 0.00	46.11 2.17 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.38 0.00	146.23 5.67 0.00	73.85 3.60 0.00	49.43 2.81 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.04 -21.39	55.28 2.30 -17.96	53.77 2.15 -16.13	56.57 3.15 -1.82	62.00 3.03 -2.81	40.90 1.88 0.00	38.95 1.49 -5.13	40.31 1.63 -1.42	34.94 1.30 0.00

RAVENSWOOD___1 23533	41.95 2.19 0.00	46.07 2.13 0.00	41.25 1.85 0.00	38.81 1.67 0.00	36.13 1.55 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.35 1.65 0.00	50.37 1.97 0.00	58.56 2.41 0.00	146.36 5.80 0.00	73.97 3.72 0.00	49.51 2.89 0.00	43.95 2.87 0.00	141.91 2.66 -99.80	68.41 3.13 -21.39	55.29 2.31 -17.96	53.77 2.16 -16.13	56.68 3.25 -1.82	62.00 3.02 -2.81	40.93 1.90 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	35.00 1.36 0.00
RAVENSWOOD___2 23534	41.95 2.19 0.00	46.07 2.13 0.00	41.25 1.85 0.00	38.81 1.67 0.00	36.13 1.55 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.35 1.65 0.00	50.37 1.97 0.00	58.56 2.41 0.00	146.36 5.80 0.00	73.97 3.72 0.00	49.51 2.89 0.00	43.95 2.87 0.00	141.91 2.66 -99.80	68.41 3.13 -21.39	55.29 2.31 -17.96	53.77 2.16 -16.13	56.68 3.25 -1.82	62.00 3.02 -2.81	40.93 1.90 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	35.00 1.36 0.00
RAVENSWOOD___3 23535	42.01 2.25 0.00	46.11 2.17 0.00	41.23 1.83 0.00	38.79 1.64 0.00	36.13 1.54 0.00	38.61 1.50 0.00	44.33 1.50 0.00	48.33 1.64 0.00	50.31 1.91 0.00	58.54 2.39 0.00	146.22 5.65 0.00	73.84 3.59 0.00	49.42 2.80 0.00	43.88 2.80 0.00	141.97 2.73 -99.80	68.32 3.04 -21.39	55.29 2.31 -17.96	53.77 2.15 -16.13	56.57 3.15 -1.82	61.98 3.01 -2.81	40.91 1.88 0.00	38.95 1.49 -5.13	40.32 1.63 -1.42	34.94 1.30 0.00
RAVENSWOOD___4 23820	41.95 2.19 0.00	46.07 2.13 0.00	41.25 1.85 0.00	38.81 1.67 0.00	36.13 1.55 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.35 1.65 0.00	50.37 1.97 0.00	58.56 2.41 0.00	146.36 5.80 0.00	73.97 3.72 0.00	49.51 2.89 0.00	43.95 2.87 0.00	141.91 2.66 -99.80	68.41 3.13 -21.39	55.29 2.31 -17.96	53.77 2.16 -16.13	56.68 3.25 -1.82	62.00 3.02 -2.81	40.93 1.90 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	35.00 1.36 0.00
RCPL_TRUST___DRP 24196	42.02 2.26 0.00	46.12 2.18 0.00	41.23 1.84 0.00	38.80 1.65 0.00	36.13 1.54 0.00	38.62 1.50 0.00	44.34 1.51 0.00	48.34 1.65 0.00	50.33 1.93 0.00	58.57 2.41 0.00	146.31 5.75 0.00	73.88 3.63 0.00	49.45 2.83 0.00	43.91 2.83 0.00	142.21 2.77 -100.00	68.37 3.05 -21.43	55.33 2.32 -17.99	53.82 2.17 -16.17	56.60 3.17 -1.83	62.03 3.05 -2.82	40.91 1.88 0.00	38.96 1.49 -5.14	40.32 1.63 -1.43	34.95 1.31 0.00
RED___ROCHESTER 323720	38.80 -0.96 0.00	42.91 -1.03 0.00	38.33 -1.07 0.00	36.14 -1.01 0.00	33.72 -0.87 0.00	36.19 -0.92 0.00	41.56 -1.28 0.00	45.29 -1.41 0.00	46.62 -1.78 0.00	54.05 -2.10 0.00	135.49 -5.01 0.06	67.36 -2.66 0.24	44.40 -2.12 0.10	38.95 -2.13 0.00	37.53 -1.91 0.00	41.99 -1.90 0.00	33.70 -1.32 0.00	34.32 -1.17 0.00	49.13 -1.81 0.68	54.47 -1.69 0.00	38.09 -0.94 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.68 -0.96 0.00
REGAN___SOLAR 323812	41.56 1.80 0.00	45.86 1.91 0.00	41.13 1.73 0.00	38.75 1.60 0.00	36.03 1.45 0.00	38.73 1.62 0.00	44.69 1.86 0.00	48.77 2.08 0.00	50.56 2.16 0.00	58.78 2.62 0.00	147.08 6.52 0.00	73.72 3.46 0.00	48.72 2.11 0.00	42.67 1.59 0.00	41.19 1.52 -0.23	45.27 1.38 0.00	37.06 0.89 -1.16	36.66 1.17 0.00	54.04 2.39 -0.04	59.29 2.75 -0.37	40.93 1.91 0.00	34.55 1.54 -0.68	39.14 1.70 -0.19	35.08 1.43 0.00
RENSSELAER___COGEN 23796	40.69 0.93 0.00	44.90 0.96 0.00	40.24 0.84 0.00	37.94 0.79 0.00	35.29 0.70 0.00	37.85 0.74 0.00	43.44 0.61 0.00	47.29 0.59 0.00	49.09 0.70 0.00	56.89 0.73 0.00	142.52 1.96 0.00	71.15 0.89 0.00	47.21 0.59 0.00	41.77 0.69 0.00	59.58 0.72 -19.42	48.85 0.81 -4.15	38.71 0.52 -3.18	39.05 0.46 -3.11	52.57 0.62 -0.35	57.20 0.53 -0.51	39.33 0.31 0.00	33.58 0.32 -0.93	37.79 0.27 -0.26	33.86 0.21 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.26 5.50 0.00	50.09 6.15 0.00	44.54 5.14 0.00	42.20 5.05 0.00	39.39 4.81 0.00	41.73 4.61 0.00	47.66 4.83 0.00	51.99 5.30 0.00	54.06 5.67 0.00	63.02 6.86 0.00	158.01 17.45 0.00	79.09 8.84 0.00	52.40 5.78 0.00	45.68 4.60 0.00	61.74 4.09 -18.21	51.92 4.13 -3.90	41.63 3.60 -3.00	41.79 3.37 -2.94	56.75 4.82 -0.33	62.25 5.60 -0.48	42.64 3.61 0.00	36.20 2.99 -0.88	40.98 3.47 -0.24	36.55 2.91 0.00
REVERE_CPPR_DRP 24186	40.87 1.11 0.00	45.26 1.32 0.00	40.58 1.18 0.00	38.23 1.08 0.00	35.56 0.97 0.00	38.21 1.10 0.00	44.05 1.22 0.00	48.01 1.32 0.00	49.83 1.43 0.00	57.86 1.70 0.00	144.98 4.43 0.01	72.35 2.14 0.04	47.93 1.32 0.01	42.14 1.06 0.00	40.32 0.88 0.00	44.62 0.73 0.00	35.71 0.70 0.00	36.29 0.81 0.00	53.04 1.52 0.09	58.52 1.73 -0.63	40.20 1.17 0.00	33.19 0.86 0.00	38.22 0.95 0.00	34.35 0.71 0.00
REYNLDPA_13_KV_LD 356490	39.97 0.21 0.00	44.41 0.47 0.00	39.89 0.49 0.00	37.64 0.49 0.00	35.02 0.44 0.00	37.61 0.49 0.00	43.71 0.88 0.00	47.73 1.04 0.00	49.38 0.98 0.00	57.31 1.15 0.00	143.34 2.77 0.00	71.34 1.09 0.00	47.37 0.75 0.00	41.63 0.55 0.00	39.87 0.42 0.00	44.29 0.40 0.00	35.39 0.37 0.00	36.02 0.54 0.00	52.53 0.92 0.00	57.43 1.26 0.00	39.95 0.93 0.00	33.12 0.78 0.00	38.17 0.91 0.00	34.54 0.90 0.00
REYNOLDS_115KV_TB3 80639	40.92 1.16 0.00	45.16 1.22 0.00	40.49 1.10 0.00	38.18 1.03 0.00	35.52 0.94 0.00	38.09 0.98 0.00	43.70 0.87 0.00	47.56 0.86 0.00	49.36 0.96 0.00	57.24 1.08 0.00	143.26 2.70 0.00	71.67 1.42 0.00	47.58 0.97 0.00	42.09 1.01 0.00	60.88 1.03 -20.41	49.39 1.13 -4.36	39.17 0.77 -3.38	39.47 0.71 -3.28	52.99 1.01 -0.37	57.63 0.93 -0.54	39.62 0.60 0.00	33.88 0.57 -0.98	38.10 0.57 -0.27	34.12 0.47 0.00
RIVERBAY____ 323610	43.14 3.38 0.00	47.56 3.62 0.00	42.58 3.18 0.00	40.07 2.93 0.00	37.34 2.75 0.00	39.95 2.84 0.00	45.90 3.07 0.00	50.00 3.30 0.00	52.05 3.66 0.00	60.40 4.25 0.00	150.90 10.34 0.00	76.31 6.05 0.00	51.06 4.44 0.00	45.27 4.18 0.00	143.26 4.02 -99.80	69.99 4.71 -21.39	56.46 3.49 -17.96	55.00 3.38 -16.13	58.48 5.05 -1.82	63.92 4.94 -2.81	42.19 3.16 0.00	40.05 2.58 -5.13	41.61 2.93 -1.42	36.14 2.50 0.00
RIVERSDE_115KV_TB3 55908	40.85 1.09 0.00	45.08 1.14 0.00	40.42 1.02 0.00	38.10 0.96 0.00	35.44 0.85 0.00	38.02 0.90 0.00	43.62 0.79 0.00	47.47 0.78 0.00	49.28 0.89 0.00	57.13 0.98 0.00	143.11 2.55 0.00	71.49 1.23 0.00	47.46 0.84 0.00	41.97 0.88 0.00	60.22 0.91 -19.87	49.16 1.03 -4.25	38.98 0.69 -3.27	39.29 0.62 -3.19	52.83 0.86 -0.36	57.49 0.80 -0.52	39.51 0.49 0.00	33.76 0.47 -0.95	37.97 0.45 -0.26	34.01 0.37 0.00
ROARING___BROOK_WT_PWR 323790	39.52 -0.24 0.00	43.92 -0.02 0.00	39.48 0.08 0.00	37.21 0.07 0.00	34.61 0.02 0.00	37.19 0.07 0.00	42.92 0.09 0.00	46.72 0.03 0.00	48.46 0.06 0.00	56.19 0.03 0.00	140.64 0.07 0.00	70.37 0.12 0.00	46.62 0.00 0.00	41.10 0.02 0.00	39.48 0.04 0.00	43.94 0.05 0.00	35.02 0.01 0.00	35.49 0.01 0.00	51.61 0.00 0.00	56.16 0.00 0.00	38.98 -0.05 0.00	32.30 -0.03 0.00	37.19 -0.08 0.00	33.53 -0.11 0.00

ROCHESRG_115KV_T4 355643	38.42 -1.34 0.00	42.51 -1.44 0.00	37.99 -1.40 0.00	35.83 -1.32 0.00	33.43 -1.15 0.00	35.88 -1.24 0.00	41.20 -1.64 0.00	44.87 -1.82 0.00	46.18 -2.22 0.00	53.50 -2.66 0.00	133.97 -6.53 0.06	66.65 -3.36 0.24	43.98 -2.54 0.10	38.57 -2.51 0.00	37.13 -2.31 0.00	41.53 -2.36 0.00	33.31 -1.71 0.00	33.91 -1.57 0.00	48.55 -2.37 0.69	53.82 -2.34 0.00	37.66 -1.36 0.00	31.05 -1.28 0.00	35.85 -1.41 0.00	32.37 -1.28 0.00
ROCHESTER_9_IC 23652	38.63 -1.13 0.00	42.72 -1.22 0.00	38.17 -1.23 0.00	36.00 -1.15 0.00	33.59 -1.00 0.00	36.05 -1.07 0.00	41.40 -1.44 0.00	45.10 -1.59 0.00	46.42 -1.97 0.00	53.82 -2.33 0.00	134.76 -5.73 0.06	67.02 -2.99 0.24	44.18 -2.34 0.10	38.76 -2.33 0.00	37.33 -2.12 0.00	41.76 -2.13 0.00	33.51 -1.51 0.00	34.11 -1.37 0.00	48.85 -2.09 0.68	54.16 -2.00 0.00	37.90 -1.13 0.00	31.23 -1.10 0.00	36.04 -1.22 0.00	32.53 -1.11 0.00
ROCKVIEW_13_KV_LD 356306	42.04 2.28 0.00	46.14 2.20 0.00	41.24 1.84 0.00	38.79 1.64 0.00	36.12 1.53 0.00	38.63 1.51 0.00	44.37 1.54 0.00	48.37 1.68 0.00	50.33 1.94 0.00	58.55 2.40 0.00	146.28 5.71 0.00	73.81 3.56 0.00	49.40 2.78 0.00	43.87 2.79 0.00	142.07 -2.78 -99.85	68.37 3.09 -21.40	55.34 2.35 -17.97	53.85 2.22 -16.14	56.65 3.22 -1.82	62.08 3.10 -2.81	40.96 1.93 0.00	38.99 1.52 -5.13	40.35 1.66 -1.42	34.96 1.32 0.00
ROME____115KV_TB2 80656	40.87 1.11 0.00	45.26 1.32 0.00	40.58 1.18 0.00	38.23 1.08 0.00	35.56 0.97 0.00	38.21 1.10 0.00	44.05 1.22 0.00	48.01 1.32 0.00	49.83 1.43 0.00	57.86 1.70 0.00	144.98 4.43 0.01	72.35 2.14 0.04	47.93 1.32 0.01	42.14 1.06 0.00	40.32 0.88 0.00	44.62 0.73 0.00	35.71 0.70 0.00	36.29 0.81 0.00	53.04 1.52 0.09	58.52 1.73 -0.63	40.20 1.17 0.00	33.19 0.86 0.00	38.22 0.95 0.00	34.35 0.71 0.00
ROSETON___1 23587	41.12 1.36 0.00	45.22 1.28 0.00	40.49 1.09 0.00	38.11 0.96 0.00	35.48 0.89 0.00	37.99 0.88 0.00	43.65 0.81 0.00	47.57 0.87 0.00	49.43 1.03 0.00	57.45 1.29 0.00	143.59 3.02 0.00	72.25 2.00 0.00	48.20 1.58 0.00	42.69 1.61 0.00	-32.72 1.63 73.79	29.92 1.86 15.83	24.98 1.39 11.43	24.82 1.28 11.94	52.10 1.83 1.33	55.93 1.71 1.95	40.07 1.04 0.00	29.59 0.82 3.57	37.18 0.91 0.99	34.35 0.71 0.00
ROSETON___2 23588	41.12 1.36 0.00	45.22 1.28 0.00	40.49 1.09 0.00	38.11 0.96 0.00	35.48 0.89 0.00	37.99 0.88 0.00	43.65 0.81 0.00	47.57 0.87 0.00	49.43 1.03 0.00	57.45 1.29 0.00	143.59 3.02 0.00	72.25 2.00 0.00	48.20 1.58 0.00	42.69 1.61 0.00	-32.72 1.63 73.79	29.92 1.86 15.83	24.98 1.39 11.43	24.82 1.28 11.94	52.10 1.83 1.33	55.93 1.71 1.95	40.07 1.04 0.00	29.59 0.82 3.57	37.18 0.91 0.99	34.35 0.71 0.00
ROTRDAM_115KV_TB3 80664	40.97 1.21 0.00	45.21 1.27 0.00	40.52 1.13 0.00	38.20 1.05 0.00	35.53 0.94 0.00	38.11 0.99 0.00	43.81 0.98 0.00	47.74 1.04 0.00	49.53 1.13 0.00	57.49 1.33 0.00	143.69 3.13 0.00	72.07 1.82 0.00	47.83 1.22 0.00	42.16 1.08 0.00	57.30 1.03 -16.82	48.60 1.11 -3.60	38.59 0.83 -2.75	39.00 0.80 -2.71	53.15 1.24 -0.30	57.87 1.26 -0.44	39.86 0.83 0.00	33.85 0.70 -0.81	38.27 0.78 -0.22	34.29 0.64 0.00
RUSSELL___1 23602	38.81 -0.95 0.00	42.91 -1.03 0.00	38.33 -1.07 0.00	36.14 -1.01 0.00	33.72 -0.87 0.00	36.19 -0.93 0.00	41.56 -1.28 0.00	45.28 -1.41 0.00	46.62 -1.78 0.00	54.05 -2.10 0.00	135.35 -5.15 0.06	67.34 -2.67 0.24	44.40 -2.12 0.10	38.95 -2.14 0.00	37.50 -1.94 0.00	41.98 -1.91 0.00	33.68 -1.34 0.00	34.31 -1.18 0.00	49.12 -1.81 0.68	54.44 -1.72 0.00	38.10 -0.93 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.69 -0.96 0.00
RUSSELL___2 23532	38.81 -0.95 0.00	42.91 -1.03 0.00	38.33 -1.07 0.00	36.14 -1.01 0.00	33.72 -0.87 0.00	36.19 -0.93 0.00	41.56 -1.28 0.00	45.28 -1.41 0.00	46.62 -1.78 0.00	54.05 -2.10 0.00	135.35 -5.15 0.06	67.34 -2.67 0.24	44.40 -2.12 0.10	38.95 -2.14 0.00	37.50 -1.94 0.00	41.98 -1.91 0.00	33.68 -1.34 0.00	34.31 -1.18 0.00	49.12 -1.81 0.68	54.44 -1.72 0.00	38.10 -0.93 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.69 -0.96 0.00
RUSSELL___3 23549	38.81 -0.95 0.00	42.91 -1.03 0.00	38.33 -1.07 0.00	36.14 -1.01 0.00	33.72 -0.87 0.00	36.19 -0.93 0.00	41.56 -1.28 0.00	45.28 -1.41 0.00	46.62 -1.78 0.00	54.05 -2.10 0.00	135.35 -5.15 0.06	67.34 -2.67 0.24	44.40 -2.12 0.10	38.95 -2.14 0.00	37.50 -1.94 0.00	41.98 -1.91 0.00	33.68 -1.34 0.00	34.31 -1.18 0.00	49.12 -1.81 0.68	54.44 -1.72 0.00	38.10 -0.93 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.69 -0.96 0.00
RUSSELL___4 23556	38.81 -0.95 0.00	42.91 -1.03 0.00	38.33 -1.07 0.00	36.14 -1.01 0.00	33.72 -0.87 0.00	36.19 -0.93 0.00	41.56 -1.28 0.00	45.28 -1.41 0.00	46.62 -1.78 0.00	54.05 -2.10 0.00	135.35 -5.15 0.06	67.34 -2.67 0.24	44.40 -2.12 0.10	38.95 -2.14 0.00	37.50 -1.94 0.00	41.98 -1.91 0.00	33.68 -1.34 0.00	34.31 -1.18 0.00	49.12 -1.81 0.68	54.44 -1.72 0.00	38.10 -0.93 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.69 -0.96 0.00
RUSSELL___STATION 23914	38.81 -0.95 0.00	42.91 -1.03 0.00	38.33 -1.07 0.00	36.14 -1.01 0.00	33.72 -0.87 0.00	36.19 -0.93 0.00	41.56 -1.28 0.00	45.28 -1.41 0.00	46.62 -1.78 0.00	54.05 -2.10 0.00	135.35 -5.15 0.06	67.34 -2.67 0.24	44.40 -2.12 0.10	38.95 -2.14 0.00	37.50 -1.94 0.00	41.98 -1.91 0.00	33.68 -1.34 0.00	34.31 -1.18 0.00	49.12 -1.81 0.68	54.44 -1.72 0.00	38.10 -0.93 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.69 -0.96 0.00
S SALMON___HYD 24043	39.40 -0.36 0.00	43.74 -0.20 0.00	39.24 -0.15 0.00	36.96 -0.18 0.00	34.37 -0.21 0.00	36.99 -0.12 0.00	42.58 -0.25 0.00	46.39 -0.31 0.00	48.15 -0.25 0.00	55.92 -0.23 0.00	139.96 -0.62 -0.02	70.04 -0.27 -0.06	46.24 -0.39 -0.01	40.58 -0.51 0.00	38.70 -0.74 0.00	43.06 -0.83 0.00	34.54 -0.47 0.00	35.01 -0.47 0.00	51.33 -0.56 -0.28	58.42 -0.48 -2.74	38.68 -0.35 0.00	32.00 -0.33 0.00	36.92 -0.34 0.00	33.17 -0.47 0.00
S.PERRY__115KV_TB1 80734	39.50 -0.26 0.00	43.76 -0.18 0.00	39.12 -0.28 0.00	36.87 -0.28 0.00	34.46 -0.12 0.00	37.03 -0.09 0.00	42.49 -0.34 0.00	46.37 -0.32 0.00	47.73 -0.66 0.00	55.28 -0.88 0.00	138.19 -2.33 0.05	68.27 -1.80 0.18	44.72 -1.72 0.17	41.35 -2.21 -2.48	41.44 -1.94 -3.94	42.19 -1.70 0.00	33.97 -1.05 0.00	34.71 -0.78 0.00	50.03 -1.07 0.51	55.47 -0.70 0.00	39.02 -0.01 0.00	32.08 -0.25 0.00	37.01 -0.25 0.00	33.34 -0.30 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.95 -2.81 0.00	41.14 -2.80 0.00	36.74 -2.66 0.00	34.66 -2.48 0.00	32.42 -2.17 0.00	34.77 -2.34 0.00	39.78 -3.05 0.00	43.21 -3.48 0.00	43.94 -4.45 0.00	50.71 -5.45 0.00	127.04 -13.47 0.05	63.20 -6.85 0.20	41.55 -4.93 0.13	35.43 -4.85 0.80	33.66 -4.50 1.27	39.07 -4.82 0.00	31.49 -3.53 0.00	32.11 -3.37 0.00	45.94 -5.09 0.57	51.14 -5.03 0.00	36.12 -2.91 0.00	29.66 -2.67 0.00	34.43 -2.84 0.00	31.26 -2.38 0.00

SAWYER___23_KV_LOAD 55526	36.95 -2.81 0.00	41.14 -2.80 0.00	36.74 -2.66 0.00	34.66 -2.48 0.00	32.42 -2.17 0.00	34.77 -2.34 0.00	39.78 -3.05 0.00	43.21 -3.48 0.00	43.94 -4.45 0.00	50.71 -5.45 0.00	127.04 -13.47 0.05	63.20 -6.85 0.20	41.55 -4.93 0.13	35.43 -4.85 0.80	33.66 -4.50 1.27	39.07 -4.82 0.00	31.49 -3.53 0.00	32.11 -3.37 0.00	45.94 -5.09 0.57	51.14 -5.03 0.00	36.12 -2.91 0.00	29.66 -2.67 0.00	34.43 -2.84 0.00	31.26 -2.38 0.00
SELKIRK___I 23801	40.93 1.17 0.00	45.17 1.23 0.00	40.51 1.11 0.00	38.18 1.04 0.00	35.53 0.94 0.00	38.12 1.01 0.00	43.78 0.95 0.00	47.66 0.97 0.00	49.40 1.00 0.00	57.20 1.04 0.00	143.28 2.72 0.00	71.72 1.46 0.00	47.61 0.99 0.00	42.08 0.99 0.00	56.43 0.91 -16.07	48.37 1.03 -3.45	38.42 0.74 -2.66	38.78 0.69 -2.60	52.89 0.99 -0.29	57.58 0.99 -0.43	39.66 0.63 0.00	33.69 0.57 -0.78	38.09 0.61 -0.22	34.16 0.52 0.00
SELKIRK___II 23799	40.73 0.97 0.00	44.92 0.98 0.00	40.28 0.88 0.00	37.97 0.82 0.00	35.32 0.74 0.00	37.89 0.77 0.00	43.51 0.67 0.00	47.37 0.68 0.00	49.16 0.77 0.00	57.00 0.84 0.00	142.68 2.12 0.00	71.36 1.11 0.00	47.39 0.77 0.00	41.92 0.83 0.00	58.29 0.83 -18.02	48.68 0.93 -3.87	38.58 0.62 -2.94	38.96 0.56 -2.92	52.71 0.78 -0.33	57.34 0.69 -0.48	39.46 0.43 0.00	33.61 0.40 -0.87	37.91 0.41 -0.24	33.97 0.33 0.00
SENECA OSWGO___HYD 24041	38.88 -0.88 0.00	42.89 -1.05 0.00	38.42 -0.98 0.00	36.22 -0.93 0.00	33.76 -0.83 0.00	36.23 -0.89 0.00	41.65 -1.18 0.00	45.38 -1.31 0.00	47.04 -1.36 0.00	54.58 -1.58 0.00	136.58 -4.03 -0.04	68.43 -1.99 -0.17	45.29 -1.36 -0.04	39.83 -1.25 0.00	38.21 -1.23 0.00	42.57 -1.32 0.00	34.06 -0.95 0.00	34.52 -0.96 0.00	50.77 -1.49 -0.65	58.71 -1.60 -4.14	37.95 -1.08 0.00	31.42 -0.91 0.00	36.24 -1.02 0.00	32.66 -0.98 0.00
SENECA___115KV_TB3 355854	37.29 -2.47 0.00	41.50 -2.44 0.00	37.06 -2.34 0.00	34.95 -2.20 0.00	32.72 -1.87 0.00	35.08 -2.04 0.00	40.13 -2.71 0.00	43.64 -3.06 0.00	44.43 -3.97 0.00	51.28 -4.88 0.00	128.54 -11.97 0.05	63.96 -6.10 0.19	42.05 -4.43 0.14	35.85 -4.41 0.82	34.04 -4.09 1.31	39.53 -4.36 0.00	31.84 -3.17 0.00	32.42 -3.06 0.00	46.41 -4.65 0.55	51.68 -4.49 0.00	36.48 -2.55 0.00	29.93 -2.40 0.00	34.74 -2.52 0.00	31.51 -2.13 0.00
SENECA___ENERGY 23797	39.02 -0.74 0.00	43.05 -0.89 0.00	38.52 -0.88 0.00	36.37 -0.78 0.00	33.92 -0.67 0.00	36.38 -0.74 0.00	41.73 -1.10 0.00	45.51 -1.18 0.00	47.03 -1.36 0.00	54.51 -1.65 0.00	136.39 -4.16 0.02	68.12 -2.07 0.06	45.14 -1.45 0.03	39.79 -1.46 -0.17	38.36 -1.35 -0.27	42.51 -1.39 0.00	34.13 -0.88 0.00	34.57 -0.92 0.00	50.09 -1.42 0.10	56.47 -1.36 -1.66	38.21 -0.82 0.00	31.57 -0.76 0.00	36.42 -0.84 0.00	32.81 -0.84 0.00
SHOEMAKER___GT 23640	41.06 1.30 0.00	45.17 1.23 0.00	40.44 1.04 0.00	38.06 0.91 0.00	35.43 0.84 0.00	37.94 0.82 0.00	43.61 0.78 0.00	47.53 0.84 0.00	49.36 0.97 0.00	57.39 1.24 0.00	143.45 2.88 0.00	72.18 1.93 0.00	48.08 1.46 0.00	42.63 1.55 0.00	-69.15 1.53 110.13	21.96 1.69 23.62	19.31 1.29 17.00	18.92 1.25 17.82	51.40 1.78 1.99	54.95 1.72 2.94	40.09 1.06 0.00	27.81 0.84 5.36	36.69 0.91 1.49	34.34 0.69 0.00
SHOEMAKR_138KV_BK 111 55601	41.06 1.30 0.00	45.16 1.22 0.00	40.43 1.03 0.00	38.05 0.90 0.00	35.42 0.84 0.00	37.93 0.81 0.00	43.60 0.77 0.00	47.52 0.82 0.00	49.35 0.96 0.00	57.37 1.21 0.00	143.41 2.85 0.00	72.18 1.93 0.00	48.11 1.49 0.00	42.64 1.56 0.00	-66.26 1.56 107.27	22.62 1.74 23.01	19.79 1.32 16.55	19.38 1.26 17.36	51.47 1.80 1.94	55.02 1.71 2.86	40.08 1.05 0.00	27.94 0.83 5.22	36.71 0.90 1.45	34.33 0.68 0.00
SHOREHAM_IC_1 23715	41.50 1.73 0.00	45.41 1.47 0.00	40.65 1.25 0.00	38.12 0.97 0.00	35.57 0.98 0.00	38.02 0.90 0.00	43.62 0.78 0.00	47.40 0.71 0.00	49.32 0.93 0.00	57.28 1.12 0.00	139.88 1.22 1.90	71.41 1.16 0.00	48.21 1.59 0.00	53.91 1.67 -11.15	181.58 2.02 -140.12	145.20 2.17 -99.14	87.12 1.90 -50.20	67.95 1.96 -30.51	56.39 2.96 -1.82	61.67 2.70 -2.80	40.65 1.62 0.00	38.67 1.22 -5.11	39.72 1.04 -1.42	34.39 0.75 0.00
SHOREHAM_IC_2 23716	41.49 1.73 0.00	45.41 1.47 0.00	40.65 1.25 0.00	38.12 0.97 0.00	35.58 0.99 0.00	38.02 0.90 0.00	43.62 0.78 0.00	47.40 0.71 0.00	49.32 0.93 0.00	57.29 1.13 0.00	140.07 1.40 1.90	71.42 1.17 0.00	48.23 1.61 0.00	53.94 1.70 -11.15	181.61 2.05 -140.12	145.21 2.17 -99.14	87.12 1.90 -50.20	67.95 1.96 -30.51	56.40 2.97 -1.82	61.67 2.70 -2.80	40.65 1.62 0.00	38.67 1.22 -5.11	39.72 1.04 -1.42	34.39 0.75 0.00
SISSONVILLE___ 23735	40.16 0.39 0.00	44.82 0.88 0.00	40.29 0.90 0.00	38.04 0.89 0.00	35.34 0.75 0.00	37.99 0.87 0.00	44.23 1.40 0.00	48.43 1.74 0.00	50.13 1.74 0.00	58.21 2.05 0.00	146.18 5.62 0.00	72.76 2.51 0.00	48.02 1.40 0.00	42.14 1.06 0.00	40.15 0.70 0.00	44.43 0.54 0.00	35.51 0.49 0.00	36.22 0.73 0.00	53.06 1.43 -0.02	58.64 2.11 -0.37	40.54 1.51 0.00	33.54 1.21 0.00	38.64 1.38 0.00	34.89 1.25 0.00
SITHE_IND_GS1 24169	38.43 -1.33 0.00	42.38 -1.56 0.00	37.97 -1.43 0.00	35.82 -1.33 0.00	33.39 -1.19 0.00	35.84 -1.28 0.00	41.19 -1.64 0.00	44.87 -1.83 0.00	46.49 -1.90 0.00	53.91 -2.25 0.00	134.49 -5.65 0.43	65.79 -2.84 1.63	44.39 -1.89 0.34	39.39 -1.70 0.00	37.83 -1.61 0.00	42.14 -1.75 0.00	33.67 -1.34 0.00	34.12 -1.36 0.00	44.36 -2.11 5.15	41.80 -2.27 12.10	37.49 -1.54 0.00	31.07 -1.27 0.00	35.83 -1.43 0.00	32.32 -1.32 0.00
SITHE_IND_GS2 24170	38.43 -1.33 0.00	42.38 -1.56 0.00	37.97 -1.43 0.00	35.82 -1.33 0.00	33.39 -1.19 0.00	35.84 -1.28 0.00	41.19 -1.64 0.00	44.87 -1.83 0.00	46.49 -1.90 0.00	53.91 -2.25 0.00	134.49 -5.65 0.43	65.79 -2.84 1.63	44.39 -1.89 0.34	39.39 -1.70 0.00	37.83 -1.61 0.00	42.14 -1.75 0.00	33.67 -1.34 0.00	34.12 -1.36 0.00	44.36 -2.11 5.15	41.80 -2.27 12.10	37.49 -1.54 0.00	31.07 -1.27 0.00	35.83 -1.43 0.00	32.32 -1.32 0.00
SITHE_IND_GS3 24171	38.43 -1.33 0.00	42.38 -1.56 0.00	37.97 -1.43 0.00	35.82 -1.33 0.00	33.39 -1.19 0.00	35.84 -1.28 0.00	41.19 -1.64 0.00	44.87 -1.83 0.00	46.49 -1.90 0.00	53.91 -2.25 0.00	134.49 -5.65 0.43	65.79 -2.84 1.63	44.39 -1.89 0.34	39.39 -1.70 0.00	37.83 -1.61 0.00	42.14 -1.75 0.00	33.67 -1.34 0.00	34.12 -1.36 0.00	44.36 -2.11 5.15	41.80 -2.27 12.10	37.49 -1.54 0.00	31.07 -1.27 0.00	35.83 -1.43 0.00	32.32 -1.32 0.00
SITHE_IND_GS4 24172	38.43 -1.33 0.00	42.38 -1.56 0.00	37.97 -1.43 0.00	35.82 -1.33 0.00	33.39 -1.19 0.00	35.84 -1.28 0.00	41.19 -1.64 0.00	44.87 -1.83 0.00	46.49 -1.90 0.00	53.91 -2.25 0.00	134.49 -5.65 0.43	65.79 -2.84 1.63	44.39 -1.89 0.34	39.39 -1.70 0.00	37.83 -1.61 0.00	42.14 -1.75 0.00	33.67 -1.34 0.00	34.12 -1.36 0.00	44.36 -2.11 5.15	41.80 -2.27 12.10	37.49 -1.54 0.00	31.07 -1.27 0.00	35.83 -1.43 0.00	32.32 -1.32 0.00

SITHE____BATAVIA 24024	38.41 -1.35 0.00	42.59 -1.35 0.00	38.01 -1.39 0.00	35.85 -1.30 0.00	33.49 -1.09 0.00	35.98 -1.14 0.00	41.23 -1.61 0.00	44.86 -1.84 0.00	45.79 -2.60 0.00	52.94 -3.21 0.00	132.87 -7.63 0.06	65.96 -4.07 0.22	42.84 -3.66 0.11	36.93 -3.77 0.39	35.50 -3.31 0.62	40.44 -3.45 0.00	32.50 -2.51 0.00	33.41 -2.08 0.00	47.86 -3.13 0.62	53.40 -2.76 0.00	37.61 -1.42 0.00	30.93 -1.41 0.00	35.77 -1.49 0.00	32.41 -1.23 0.00
SITHE____INDEPEND 23800	38.43 -1.33 0.00	42.38 -1.56 0.00	37.97 -1.42 0.00	35.83 -1.32 0.00	33.39 -1.19 0.00	35.84 -1.28 0.00	41.19 -1.64 0.00	44.87 -1.83 0.00	46.49 -1.90 0.00	53.91 -2.25 0.00	134.46 -5.67 0.43	65.79 -2.84 1.63	44.39 -1.89 0.34	39.38 -1.70 0.00	37.82 -1.62 0.00	42.14 -1.75 0.00	33.67 -1.34 0.00	34.12 -1.36 0.00	44.35 -2.11 5.15	41.80 -2.27 12.10	37.49 -1.54 0.00	31.07 -1.27 0.00	35.83 -1.43 0.00	32.32 -1.32 0.00
SITHE____MASSENA 23902	39.97 0.21 0.00	44.45 0.50 0.00	39.93 0.53 0.00	37.67 0.53 0.00	35.04 0.46 0.00	37.64 0.52 0.00	43.78 0.94 0.00	47.87 1.18 0.00	49.53 1.13 0.00	57.48 1.32 0.00	144.19 3.63 0.00	71.83 1.57 0.00	47.51 0.89 0.00	41.73 0.64 0.00	39.92 0.47 0.00	44.32 0.43 0.00	35.40 0.39 0.00	36.05 0.57 0.00	52.63 1.02 0.00	57.59 1.42 0.00	40.08 1.05 0.00	33.21 0.87 0.00	38.27 1.00 0.00	34.63 0.99 0.00
SITHE____OGDNSBRG 24021	40.72 0.96 0.00	45.33 1.39 0.00	40.71 1.31 0.00	38.40 1.25 0.00	35.69 1.10 0.00	38.36 1.25 0.00	44.71 1.88 0.00	48.94 2.25 0.00	50.66 2.27 0.00	58.74 2.59 0.00	147.38 6.81 0.00	73.28 3.03 0.00	48.34 1.72 0.00	42.42 1.34 0.00	40.31 0.87 0.00	44.48 0.59 0.00	35.57 0.56 0.00	36.37 0.89 0.00	53.33 1.72 0.00	58.90 2.74 0.00	41.07 2.04 0.00	33.99 1.65 0.00	39.13 1.87 0.00	35.35 1.71 0.00
SITHE____STERLING 23777	40.53 0.76 0.00	44.81 0.87 0.00	40.15 0.75 0.00	37.84 0.69 0.00	35.23 0.64 0.00	37.83 0.72 0.00	43.57 0.73 0.00	47.49 0.80 0.00	49.27 0.87 0.00	57.21 1.06 0.00	143.29 2.74 0.01	71.56 1.36 0.05	47.44 0.83 0.01	41.72 0.64 0.00	39.99 0.54 0.00	44.35 0.46 0.00	35.47 0.45 0.00	35.97 0.49 0.00	52.47 0.98 0.12	57.94 1.09 -0.68	39.79 0.76 0.00	32.87 0.53 0.00	37.86 0.60 0.00	34.07 0.43 0.00
SLEIGHT__34_KV_TB1 80719	38.69 -1.07 0.00	42.72 -1.22 0.00	38.16 -1.24 0.00	36.01 -1.14 0.00	33.56 -1.02 0.00	36.04 -1.08 0.00	41.40 -1.43 0.00	45.14 -1.55 0.00	46.61 -1.79 0.00	54.05 -2.10 0.00	135.34 -5.17 0.05	67.41 -2.65 0.19	44.55 -2.01 0.06	39.08 -2.00 0.00	37.50 -1.94 0.00	41.94 -1.95 0.00	33.72 -1.30 0.00	34.23 -1.26 0.00	49.25 -1.85 0.51	54.86 -1.80 -0.50	37.95 -1.08 0.00	31.28 -1.06 0.00	36.07 -1.19 0.00	32.51 -1.13 0.00
SMITHTWN_69_KV_BK 1 55830	42.32 2.56 0.00	46.33 2.39 0.00	41.47 2.08 0.00	38.90 1.75 0.00	36.29 1.71 0.00	38.78 1.66 0.00	44.49 1.66 0.00	48.37 1.68 0.00	50.30 1.91 0.00	58.45 2.29 0.00	142.97 4.32 1.91	72.92 2.67 0.00	49.19 2.57 0.00	54.85 2.56 -11.21	182.68 2.91 -140.32	146.55 3.13 -99.54	87.96 2.58 -50.37	68.60 2.54 -30.58	57.21 3.79 -1.82	62.64 3.67 -2.80	41.29 2.27 0.00	39.17 1.72 -5.11	40.33 1.65 -1.42	34.93 1.29 0.00
SOUTH CAIRO____GT 23612	41.94 2.18 0.00	46.26 2.32 0.00	41.42 2.02 0.00	39.03 1.89 0.00	36.27 1.68 0.00	38.99 1.88 0.00	44.80 1.97 0.00	48.84 2.15 0.00	50.69 2.29 0.00	58.54 2.38 0.00	146.89 6.32 0.00	73.37 3.11 0.00	48.74 2.12 0.00	43.38 2.29 0.00	41.28 1.67 -0.17	45.58 1.69 0.00	37.49 1.47 -1.00	37.04 1.56 0.00	53.94 2.30 -0.03	58.98 2.54 -0.27	40.78 1.75 0.00	34.25 1.42 -0.49	38.90 1.50 -0.14	34.89 1.25 0.00
SOUTH HAMPTN____IC 23720	41.75 1.99 0.00	45.68 1.74 0.00	40.88 1.48 0.00	38.33 1.18 0.00	35.77 1.19 0.00	38.23 1.11 0.00	43.87 1.04 0.00	47.72 1.03 0.00	49.69 1.29 0.00	57.82 1.67 0.00	141.29 2.62 1.90	72.19 1.94 0.00	48.74 2.12 0.00	54.38 2.16 -11.14	181.93 2.43 -140.06	145.56 2.63 -99.04	87.44 2.26 -50.16	68.35 2.37 -30.49	56.97 3.54 -1.82	62.29 3.32 -2.80	41.12 2.10 0.00	39.09 1.64 -5.11	40.13 1.45 -1.42	34.72 1.08 0.00
SOUTHDOW_115KV_TB1 355954	38.28 -1.48 0.00	42.59 -1.35 0.00	37.99 -1.41 0.00	35.80 -1.35 0.00	33.53 -1.05 0.00	35.94 -1.18 0.00	41.12 -1.71 0.00	44.90 -1.79 0.00	45.89 -2.50 0.00	53.11 -3.04 0.00	133.35 -7.17 0.05	66.40 -3.68 0.18	43.64 -2.83 0.15	37.59 -3.00 0.49	35.74 -2.93 0.78	40.74 -3.15 0.00	32.88 -2.13 0.00	33.29 -2.19 0.00	47.69 -3.41 0.51	53.33 -2.84 0.00	37.48 -1.55 0.00	30.64 -1.70 0.00	35.52 -1.75 0.00	32.13 -1.51 0.00
SOUTHOLD_69_KV_BK 2 55809	41.63 1.87 0.00	45.52 1.58 0.00	40.72 1.32 0.00	38.19 1.04 0.00	35.62 1.04 0.00	38.08 0.96 0.00	43.73 0.90 0.00	47.62 0.93 0.00	49.63 1.23 0.00	57.89 1.73 0.00	141.25 2.59 1.90	72.37 2.12 0.00	48.89 2.27 0.00	54.57 2.35 -11.14	181.68 2.17 -140.07	145.15 2.21 -99.04	87.17 1.99 -50.16	68.50 2.53 -30.49	57.19 3.76 -1.82	62.49 3.52 -2.80	41.34 2.31 0.00	39.40 1.95 -5.11	40.36 1.68 -1.42	34.88 1.24 0.00
SOUTHOLD____IC 23719	41.63 1.86 0.00	45.52 1.58 0.00	40.72 1.32 0.00	38.19 1.04 0.00	35.62 1.03 0.00	38.08 0.96 0.00	43.73 0.90 0.00	47.62 0.93 0.00	49.63 1.23 0.00	57.89 1.73 0.00	141.23 2.57 1.90	72.37 2.12 0.00	48.87 2.25 0.00	54.55 2.33 -11.14	181.66 2.15 -140.07	145.15 2.21 -99.04	87.17 1.99 -50.16	68.50 2.53 -30.49	57.19 3.76 -1.82	62.48 3.52 -2.80	41.34 2.31 0.00	39.40 1.95 -5.11	40.36 1.68 -1.42	34.89 1.24 0.00
SOUTH_FORK_WT_PWR 323839	41.06 1.30 0.00	44.90 0.96 0.00	40.17 0.77 0.00	37.67 0.52 0.00	35.14 0.55 0.00	37.56 0.45 0.00	43.14 0.31 0.00	46.98 0.28 0.00	48.97 0.58 0.00	57.10 0.94 0.00	139.46 0.80 1.90	71.44 1.19 0.00	48.22 1.60 0.00	53.98 1.76 -11.14	181.34 1.83 -140.07	144.83 1.90 -99.04	86.87 1.69 -50.16	67.99 2.02 -30.49	56.46 3.04 -1.82	61.69 2.73 -2.80	40.92 1.89 0.00	39.18 1.73 -5.11	40.03 1.35 -1.42	34.59 0.95 0.00
SPIERFLS_115KV_TB 1 80737	42.78 3.02 0.00	47.24 3.30 0.00	42.22 2.82 0.00	39.85 2.70 0.00	37.07 2.49 0.00	39.65 2.54 0.00	45.51 2.68 0.00	49.63 2.93 0.00	51.54 3.15 0.00	59.86 3.71 0.00	149.16 8.59 0.00	74.86 4.61 0.00	49.29 2.67 0.00	42.91 1.82 0.00	59.07 1.57 -18.07	49.33 1.57 -3.87	39.27 1.28 -2.98	39.78 1.38 -2.91	54.05 2.12 -0.33	59.07 2.43 -0.48	40.62 1.59 0.00	34.53 1.33 -0.87	39.01 1.50 -0.24	34.87 1.23 0.00
ST LAWRENCE____ 23600	39.56 -0.20 0.00	43.95 0.01 0.00	39.46 0.07 0.00	37.24 0.09 0.00	34.65 0.07 0.00	37.19 0.08 0.00	43.22 0.39 0.00	47.20 0.50 0.00	48.84 0.44 0.00	56.67 0.51 0.00	142.19 1.63 0.00	70.81 0.56 0.00	46.89 0.27 0.00	41.21 0.13 0.00	39.47 0.03 0.00	43.88 -0.01 0.00	35.05 0.03 0.00	35.62 0.14 0.00	51.95 0.34 0.00	56.76 0.60 0.00	39.49 0.46 0.00	32.72 0.39 0.00	37.72 0.46 0.00	34.14 0.49 0.00

STATE_CA_115KV_115_LB 55624	40.91 1.15 0.00	45.13 1.19 0.00	40.46 1.06 0.00	38.12 0.98 0.00	35.46 0.88 0.00	38.04 0.93 0.00	43.67 0.84 0.00	47.55 0.85 0.00	49.36 0.96 0.00	57.19 1.03 0.00	143.36 2.80 0.00	71.57 1.31 0.00	47.50 0.88 0.00	42.00 0.92 0.00	59.59 0.93 -19.21	49.06 1.06 -4.11	38.89 0.72 -3.15	39.22 0.66 -3.08	52.87 0.92 -0.34	57.53 0.86 -0.50	39.56 0.53 0.00	33.76 0.51 -0.92	37.99 0.48 -0.26	34.02 0.38 0.00
STATE_ST_34_KV_LOAD 55959	39.58 -0.18 0.00	43.69 -0.25 0.00	38.96 -0.43 0.00	36.86 -0.29 0.00	34.27 -0.32 0.00	36.77 -0.35 0.00	42.21 -0.62 0.00	46.05 -0.65 0.00	47.67 -0.73 0.00	55.28 -0.87 0.00	138.37 -2.18 0.01	69.15 -1.07 0.04	45.85 -0.79 -0.02	40.26 -0.82 0.00	38.78 -0.66 0.00	43.25 -0.64 0.00	34.71 -0.31 0.00	35.11 -0.37 0.00	50.98 -0.60 0.02	57.57 -0.52 -1.92	38.74 -0.28 0.00	31.91 -0.43 0.00	36.80 -0.46 0.00	33.15 -0.50 0.00
STATION_5_MISC_HYD 23604	38.62 -1.14 0.00	42.72 -1.22 0.00	38.17 -1.23 0.00	36.00 -1.15 0.00	33.59 -0.99 0.00	36.05 -1.06 0.00	41.40 -1.44 0.00	45.10 -1.59 0.00	46.42 -1.98 0.00	53.82 -2.33 0.00	134.87 -5.63 0.06	67.02 -2.99 0.24	44.19 -2.33 0.10	38.77 -2.32 0.00	37.34 -2.11 0.00	41.77 -2.12 0.00	33.52 -1.50 0.00	34.13 -1.35 0.00	48.85 -2.08 0.68	54.18 -1.99 0.00	37.88 -1.15 0.00	31.23 -1.10 0.00	36.04 -1.22 0.00	32.53 -1.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.77 -0.99 0.00	42.82 -1.12 0.00	38.30 -1.10 0.00	36.13 -1.02 0.00	33.71 -0.88 0.00	36.17 -0.94 0.00	41.51 -1.33 0.00	45.27 -1.43 0.00	46.71 -1.69 0.00	54.16 -2.00 0.00	135.53 -4.99 0.05	67.51 -2.56 0.19	44.63 -1.90 0.09	39.18 -1.90 0.00	37.66 -1.78 0.00	42.09 -1.81 0.00	33.80 -1.22 0.00	34.32 -1.16 0.00	49.32 -1.77 0.51	54.92 -1.70 -0.46	38.03 -1.00 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.64 -1.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.46 -1.30 0.00	42.52 -1.42 0.00	38.00 -1.39 0.00	35.84 -1.31 0.00	33.44 -1.14 0.00	35.89 -1.23 0.00	41.22 -1.61 0.00	44.91 -1.78 0.00	46.26 -2.13 0.00	53.63 -2.53 0.00	134.26 -6.24 0.06	66.82 -3.20 0.23	44.07 -2.45 0.10	38.67 -2.41 0.00	37.22 -2.22 0.00	41.63 -2.26 0.00	33.40 -1.62 0.00	34.01 -1.48 0.00	48.69 -2.25 0.67	53.96 -2.21 0.00	37.73 -1.30 0.00	31.11 -1.22 0.00	35.90 -1.36 0.00	32.39 -1.25 0.00
STA_56___34_KV_BUS2 355983	38.46 -1.30 0.00	42.52 -1.42 0.00	38.00 -1.39 0.00	35.84 -1.31 0.00	33.44 -1.14 0.00	35.89 -1.23 0.00	41.22 -1.61 0.00	44.91 -1.78 0.00	46.26 -2.13 0.00	53.63 -2.53 0.00	134.26 -6.24 0.06	66.82 -3.20 0.23	44.07 -2.45 0.10	38.67 -2.41 0.00	37.22 -2.22 0.00	41.63 -2.26 0.00	33.40 -1.62 0.00	34.01 -1.48 0.00	48.69 -2.25 0.67	53.96 -2.21 0.00	37.73 -1.30 0.00	31.11 -1.22 0.00	35.90 -1.36 0.00	32.39 -1.25 0.00
STA_67___115KV_BK2 355882	38.55 -1.22 0.00	42.64 -1.31 0.00	38.09 -1.30 0.00	35.93 -1.22 0.00	33.53 -1.06 0.00	35.98 -1.13 0.00	41.31 -1.52 0.00	45.01 -1.68 0.00	46.33 -2.06 0.00	53.70 -2.45 0.00	134.47 -6.03 0.06	66.88 -3.13 0.24	44.10 -2.42 0.10	38.69 -2.40 0.00	37.24 -2.20 0.00	41.67 -2.22 0.00	33.42 -1.59 0.00	34.04 -1.45 0.00	48.72 -2.21 0.68	54.03 -2.13 0.00	37.80 -1.22 0.00	31.16 -1.17 0.00	35.97 -1.29 0.00	32.47 -1.17 0.00
STA_7___115KV_9TRANS 80674	38.81 -0.95 0.00	42.91 -1.03 0.00	38.33 -1.07 0.00	36.14 -1.01 0.00	33.72 -0.87 0.00	36.19 -0.93 0.00	41.56 -1.28 0.00	45.28 -1.41 0.00	46.62 -1.78 0.00	54.05 -2.10 0.00	135.35 -5.15 0.06	67.34 -2.67 0.24	44.40 -2.12 0.10	38.95 -2.14 0.00	37.50 -1.94 0.00	41.98 -1.91 0.00	33.68 -1.34 0.00	34.31 -1.18 0.00	49.12 -1.81 0.68	54.44 -1.72 0.00	38.10 -0.93 0.00	31.39 -0.94 0.00	36.22 -1.04 0.00	32.69 -0.96 0.00
STA_82___115KV_TB1 80780	38.56 -1.20 0.00	42.65 -1.29 0.00	38.11 -1.28 0.00	35.94 -1.21 0.00	33.54 -1.05 0.00	36.00 -1.12 0.00	41.32 -1.51 0.00	45.02 -1.68 0.00	46.34 -2.06 0.00	53.71 -2.44 0.00	134.50 -6.00 0.06	66.90 -3.11 0.23	44.10 -2.42 0.10	38.68 -2.40 0.00	37.24 -2.20 0.00	41.67 -2.22 0.00	33.43 -1.59 0.00	34.04 -1.44 0.00	48.75 -2.19 0.67	54.05 -2.12 0.00	37.82 -1.21 0.00	31.17 -1.16 0.00	35.98 -1.29 0.00	32.48 -1.16 0.00
STEEL___WIND 323596	37.23 -2.53 0.00	41.45 -2.50 0.00	37.01 -2.38 0.00	34.92 -2.23 0.00	32.71 -1.88 0.00	35.04 -2.08 0.00	40.08 -2.75 0.00	43.60 -3.09 0.00	44.38 -4.02 0.00	51.25 -4.91 0.00	128.64 -11.87 0.05	63.92 -6.14 0.19	42.02 -4.46 0.14	35.83 -4.43 0.82	34.04 -4.09 1.31	39.51 -4.39 0.00	31.82 -3.19 0.00	32.36 -3.12 0.00	46.31 -4.74 0.55	51.61 -4.56 0.00	36.41 -2.61 0.00	29.89 -2.45 0.00	34.71 -2.56 0.00	31.47 -2.18 0.00
STEPHTWN_115KV_BK_2 55603	41.08 1.32 0.00	45.32 1.38 0.00	40.54 1.14 0.00	38.19 1.04 0.00	35.57 0.99 0.00	38.11 1.00 0.00	43.81 0.98 0.00	47.73 1.04 0.00	49.56 1.17 0.00	57.43 1.28 0.00	143.93 3.37 0.00	71.86 1.61 0.00	47.76 1.14 0.00	42.21 1.13 0.00	60.10 1.24 -19.42	49.26 1.22 -4.15	39.15 0.95 -3.18	39.47 0.87 -3.11	53.31 1.35 -0.35	57.95 1.28 -0.51	39.74 0.72 0.00	33.93 0.67 -0.93	38.12 0.60 -0.26	34.17 0.53 0.00
STEBEN_REC_LFGE 323667	38.39 -1.37 0.00	42.61 -1.33 0.00	38.20 -1.20 0.00	36.07 -1.08 0.00	33.80 -0.79 0.00	36.23 -0.89 0.00	41.41 -1.42 0.00	45.11 -1.59 0.00	46.32 -2.08 0.00	53.80 -2.36 0.00	134.58 -5.95 0.03	66.90 -3.23 0.12	43.57 -2.72 0.33	39.64 -3.03 -1.59	39.39 -2.57 -2.52	41.29 -2.60 0.00	33.40 -1.62 0.00	33.66 -1.83 0.00	48.64 -2.65 0.32	54.48 -2.37 -0.69	37.77 -1.26 0.00	31.10 -1.23 0.00	36.12 -1.14 0.00	32.48 -1.16 0.00
STILLWATER___SOLAR 323814	42.07 2.31 0.00	46.50 2.56 0.00	41.60 2.20 0.00	39.24 2.09 0.00	36.50 1.91 0.00	39.11 2.00 0.00	44.90 2.07 0.00	48.92 2.23 0.00	50.76 2.36 0.00	58.88 2.72 0.00	147.24 6.67 0.00	73.89 3.64 0.00	48.93 2.31 0.00	43.02 1.93 0.00	59.91 1.78 -18.69	49.78 1.88 -4.01	39.59 1.48 -3.09	39.98 1.49 -3.01	54.19 2.25 -0.34	59.08 2.43 -0.49	40.64 1.61 0.00	34.59 1.35 -0.90	39.06 1.55 -0.25	34.91 1.27 0.00
STONY___BROOK 24151	42.17 2.41 0.00	46.18 2.24 0.00	41.33 1.93 0.00	38.77 1.62 0.00	36.19 1.60 0.00	38.66 1.55 0.00	44.35 1.52 0.00	48.22 1.53 0.00	50.13 1.73 0.00	58.24 2.09 0.00	142.25 3.59 1.90	72.64 2.39 0.00	48.99 2.37 0.00	54.59 2.32 -11.19	182.33 2.65 -140.25	146.08 2.81 -99.38	87.64 2.32 -50.30	68.36 2.32 -30.55	56.92 3.49 -1.82	62.36 3.39 -2.80	41.11 2.08 0.00	39.03 1.58 -5.11	40.16 1.48 -1.42	34.80 1.15 0.00
STURGEON_POOL_HYD 23609	41.42 1.67 0.00	45.52 1.58 0.00	40.73 1.33 0.00	38.33 1.18 0.00	35.67 1.08 0.00	38.20 1.08 0.00	43.88 1.04 0.00	47.85 1.16 0.00	49.76 1.36 0.00	57.92 1.76 0.00	144.69 4.13 0.00	72.86 2.61 0.00	48.65 2.04 0.00	43.16 2.08 0.00	41.29 2.06 0.21	46.18 2.29 0.00	36.79 1.77 0.00	37.11 1.63 0.00	53.88 2.31 0.04	58.01 2.18 0.34	40.38 1.35 0.00	32.80 1.09 0.62	38.28 1.19 0.17	34.59 0.95 0.00

ST_LAW_115_BK7_LBMP 345037	39.59 -0.18 0.00	43.99 0.04 0.00	39.50 0.10 0.00	37.28 0.13 0.00	34.68 0.09 0.00	37.24 0.12 0.00	43.29 0.45 0.00	47.27 0.58 0.00	48.90 0.50 0.00	56.74 0.59 0.00	142.37 1.81 0.00	70.88 0.63 0.00	46.93 0.32 0.00	41.24 0.16 0.00	39.50 0.06 0.00	43.89 0.00 0.00	35.06 0.04 0.00	35.66 0.17 0.00	52.01 0.40 0.00	56.85 0.68 0.00	39.56 0.53 0.00	32.79 0.45 0.00	37.79 0.53 0.00	34.20 0.56 0.00
ST_LAW_115_BK8_LBMP 345038	39.59 -0.18 0.00	43.99 0.04 0.00	39.50 0.10 0.00	37.28 0.13 0.00	34.68 0.09 0.00	37.24 0.12 0.00	43.29 0.45 0.00	47.27 0.58 0.00	48.90 0.50 0.00	56.74 0.59 0.00	142.37 1.81 0.00	70.88 0.63 0.00	46.93 0.32 0.00	41.24 0.16 0.00	39.50 0.06 0.00	43.89 0.00 0.00	35.06 0.04 0.00	35.66 0.17 0.00	52.01 0.40 0.00	56.85 0.68 0.00	39.56 0.53 0.00	32.79 0.45 0.00	37.79 0.53 0.00	34.20 0.56 0.00
ST_LAW_230_BK5_LBMP 345035	39.56 -0.20 0.00	43.95 0.01 0.00	39.46 0.07 0.00	37.24 0.09 0.00	34.65 0.07 0.00	37.19 0.08 0.00	43.22 0.39 0.00	47.20 0.50 0.00	48.84 0.44 0.00	56.67 0.51 0.00	142.19 1.63 0.00	70.81 0.56 0.00	46.89 0.27 0.00	41.21 0.13 0.00	39.47 0.03 0.00	43.88 -0.01 0.00	35.05 0.03 0.00	35.62 0.14 0.00	51.95 0.34 0.00	56.76 0.60 0.00	39.49 0.46 0.00	32.72 0.39 0.00	37.72 0.46 0.00	34.14 0.49 0.00
ST_LAW_230_BK6_LBMP 345036	39.56 -0.20 0.00	43.95 0.01 0.00	39.46 0.07 0.00	37.24 0.09 0.00	34.65 0.07 0.00	37.19 0.08 0.00	43.22 0.39 0.00	47.20 0.50 0.00	48.84 0.44 0.00	56.67 0.51 0.00	142.19 1.63 0.00	70.81 0.56 0.00	46.89 0.27 0.00	41.21 0.13 0.00	39.47 0.03 0.00	43.88 -0.01 0.00	35.05 0.03 0.00	35.62 0.14 0.00	51.95 0.34 0.00	56.76 0.60 0.00	39.49 0.46 0.00	32.72 0.39 0.00	37.72 0.46 0.00	34.14 0.49 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	41.27 1.51 0.00	45.38 1.44 0.00	40.61 1.22 0.00	38.22 1.07 0.00	35.59 1.00 0.00	38.07 0.96 0.00	43.75 0.92 0.00	47.69 1.00 0.00	49.57 1.17 0.00	57.63 1.47 0.00	144.04 3.47 0.00	72.58 2.33 0.00	48.47 1.85 0.00	42.94 1.86 0.00	-78.35 1.90 119.69	20.39 2.17 25.67	18.15 1.64 18.50	17.63 1.52 19.37	51.62 2.17 2.17	55.01 2.05 3.21	40.28 1.25 0.00	27.46 0.98 5.85	36.71 1.07 1.62	34.47 0.83 0.00
SWANROAD_115KV_TB1 355699	36.45 -3.31 0.00	40.58 -3.36 0.00	36.25 -3.14 0.00	34.21 -2.94 0.00	31.99 -2.60 0.00	34.34 -2.77 0.00	39.25 -3.58 0.00	42.56 -4.14 0.00	43.04 -5.36 0.00	49.52 -6.63 0.00	124.13 -16.38 0.05	61.85 -8.19 0.20	40.58 -5.91 0.13	34.73 -5.71 0.64	33.17 -5.25 1.02	38.17 -5.72 0.00	30.73 -4.29 0.00	31.46 -4.03 0.00	44.89 -6.12 0.59	50.00 -6.17 0.00	35.42 -3.61 0.00	29.10 -3.24 0.00	33.80 -3.46 0.00	30.86 -2.78 0.00
SYNERGY___BIOGAS 323694	38.41 -1.35 0.00	42.58 -1.36 0.00	38.01 -1.39 0.00	35.85 -1.30 0.00	33.49 -1.10 0.00	35.98 -1.14 0.00	41.23 -1.60 0.00	44.86 -1.84 0.00	45.79 -2.61 0.00	52.94 -3.21 0.00	132.68 -7.83 0.06	65.95 -4.08 0.22	42.84 -3.66 0.11	36.91 -3.78 0.39	35.46 -3.36 0.62	40.42 -3.48 0.00	32.48 -2.54 0.00	33.40 -2.09 0.00	47.83 -3.16 0.62	53.37 -2.79 0.00	37.64 -1.39 0.00	30.92 -1.41 0.00	35.77 -1.49 0.00	32.41 -1.23 0.00
SYRACUSE___ENERGY_ST1 323597	39.35 -0.41 0.00	43.40 -0.54 0.00	38.83 -0.57 0.00	36.63 -0.52 0.00	34.14 -0.45 0.00	36.64 -0.48 0.00	42.09 -0.74 0.00	45.90 -0.80 0.00	47.55 -0.84 0.00	55.17 -0.99 0.00	138.07 -2.50 0.00	69.04 -1.21 0.00	45.75 -0.87 0.00	40.25 -0.84 0.00	38.66 -0.78 0.00	43.09 -0.80 0.00	34.49 -0.53 0.00	34.94 -0.54 0.00	50.83 -0.88 -0.10	57.52 -0.92 -2.28	38.43 -0.60 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	39.35 -0.41 0.00	43.40 -0.54 0.00	38.83 -0.57 0.00	36.63 -0.52 0.00	34.14 -0.45 0.00	36.64 -0.48 0.00	42.09 -0.74 0.00	45.90 -0.80 0.00	47.55 -0.84 0.00	55.17 -0.99 0.00	138.07 -2.50 0.00	69.04 -1.21 0.00	45.75 -0.87 0.00	40.25 -0.84 0.00	38.66 -0.78 0.00	43.09 -0.80 0.00	34.49 -0.53 0.00	34.94 -0.54 0.00	50.83 -0.88 -0.10	57.52 -0.92 -2.28	38.43 -0.60 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.61 0.00
SYRACUSE___POWER 24017	39.35 -0.41 0.00	43.39 -0.55 0.00	38.84 -0.56 0.00	36.62 -0.53 0.00	34.14 -0.44 0.00	36.64 -0.48 0.00	42.12 -0.71 0.00	45.91 -0.79 0.00	47.57 -0.83 0.00	55.17 -0.99 0.00	138.14 -2.40 0.02	69.01 -1.17 0.07	45.77 -0.85 -0.01	40.25 -0.83 0.00	38.65 -0.79 0.00	43.07 -0.82 0.00	34.46 -0.55 0.00	34.92 -0.57 0.00	50.56 -0.91 0.14	56.73 -0.95 -1.51	38.41 -0.61 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.60 0.00
TALLMAN__138KV_BK151 55660	41.54 1.78 0.00	45.63 1.69 0.00	40.82 1.42 0.00	38.39 1.24 0.00	35.76 1.17 0.00	38.24 1.13 0.00	43.93 1.10 0.00	47.91 1.21 0.00	49.81 1.41 0.00	57.91 1.76 0.00	144.78 4.22 0.00	73.05 2.80 0.00	48.81 2.19 0.00	43.29 2.21 0.00	-99.14 2.25 140.83	16.29 2.59 30.19	14.73 1.96 22.24	14.51 1.81 22.77	51.65 2.61 2.57	54.69 2.46 3.93	40.53 1.51 0.00	26.34 1.18 7.18	36.56 1.29 1.99	34.66 1.01 0.00
TEALLAVE_115KV_TB7 355573	39.15 -0.61 0.00	43.17 -0.77 0.00	38.65 -0.75 0.00	36.44 -0.71 0.00	33.97 -0.62 0.00	36.45 -0.67 0.00	41.90 -0.93 0.00	45.66 -1.03 0.00	47.31 -1.09 0.00	54.88 -1.28 0.00	137.32 -3.21 0.03	68.58 -1.58 0.10	45.47 -1.12 0.02	40.04 -1.05 0.00	38.43 -1.01 0.00	42.82 -1.08 0.00	34.26 -0.76 0.00	34.71 -0.78 0.00	50.17 -1.22 0.22	56.12 -1.30 -1.26	38.17 -0.86 0.00	31.58 -0.75 0.00	36.43 -0.83 0.00	32.87 -0.78 0.00
TELGRAPH_34_KV_EAST 80808	37.47 -2.29 0.00	41.62 -2.32 0.00	37.17 -2.23 0.00	35.06 -2.09 0.00	32.76 -1.82 0.00	35.18 -1.94 0.00	40.28 -2.55 0.00	43.76 -2.93 0.00	44.48 -3.91 0.00	51.36 -4.79 0.00	128.67 -11.84 0.06	64.03 -6.01 0.21	41.85 -4.65 0.12	35.97 -4.59 0.52	34.40 -4.21 0.83	39.43 -4.46 0.00	31.76 -3.26 0.00	32.47 -3.01 0.00	46.47 -4.53 0.60	51.79 -4.37 0.00	36.59 -2.43 0.00	30.06 -2.28 0.00	34.85 -2.42 0.00	31.67 -1.97 0.00
TEMPLE___115KV_TB 2 55572	39.17 -0.59 0.00	43.18 -0.76 0.00	38.66 -0.74 0.00	36.46 -0.69 0.00	33.98 -0.61 0.00	36.46 -0.65 0.00	41.91 -0.92 0.00	45.67 -1.02 0.00	47.32 -1.08 0.00	54.89 -1.27 0.00	137.38 -3.16 0.03	68.60 -1.56 0.10	45.49 -1.11 0.02	40.04 -1.05 0.00	38.44 -1.00 0.00	42.84 -1.05 0.00	34.27 -0.75 0.00	34.73 -0.75 0.00	50.19 -1.19 0.23	56.14 -1.28 -1.26	38.18 -0.85 0.00	31.59 -0.74 0.00	36.44 -0.82 0.00	32.87 -0.77 0.00
TIANA____69_KV_BK 1 55817	41.81 2.04 0.00	45.75 1.81 0.00	40.93 1.53 0.00	38.39 1.24 0.00	35.83 1.24 0.00	38.28 1.17 0.00	43.92 1.08 0.00	47.78 1.08 0.00	49.74 1.34 0.00	57.86 1.70 0.00	141.55 2.88 1.90	72.21 1.96 0.00	48.76 2.14 0.00	54.40 2.18 -11.14	181.98 2.48 -140.07	145.58 2.65 -99.04	87.46 2.28 -50.16	68.35 2.38 -30.49	56.98 3.56 -1.82	62.30 3.34 -2.80	41.10 2.08 0.00	39.04 1.59 -5.11	40.11 1.42 -1.42	34.71 1.06 0.00

TILDEN___115KV_TB1 80814	39.35 -0.41 0.00	43.39 -0.55 0.00	38.84 -0.56 0.00	36.62 -0.53 0.00	34.14 -0.44 0.00	36.64 -0.48 0.00	42.12 -0.71 0.00	45.91 -0.79 0.00	47.57 -0.83 0.00	55.17 -0.99 0.00	138.14 -2.40 0.02	69.01 -1.17 0.07	45.77 -0.85 -0.01	40.25 -0.83 0.00	38.65 -0.79 0.00	43.07 -0.82 0.00	34.46 -0.55 0.00	34.92 -0.57 0.00	50.56 -0.91 0.14	56.73 -0.95 -1.51	38.41 -0.61 0.00	31.77 -0.56 0.00	36.64 -0.62 0.00	33.04 -0.60 0.00
TRIGEN___CC 323695	42.18 2.42 -0.01	46.26 2.32 0.00	41.37 1.98 0.00	38.87 1.72 0.00	36.24 1.66 0.00	38.73 1.62 0.00	44.46 1.63 0.00	48.37 1.68 0.00	50.29 1.90 0.00	58.51 2.35 0.00	144.86 4.55 0.24	73.33 3.08 0.00	49.26 2.63 -0.01	63.38 2.59 -19.71	215.21 2.70 -173.07	205.43 2.95 -158.59	112.21 2.30 -74.90	79.22 2.19 -41.55	56.69 3.27 -1.82	62.09 3.12 -2.80	40.95 1.92 0.00	38.92 1.47 -5.11	40.22 1.54 -1.42	34.85 1.21 0.00
TRINITY___115KV___4 BK 55933	40.76 1.00 0.00	44.98 1.04 0.00	40.32 0.92 0.00	38.01 0.86 0.00	35.35 0.77 0.00	37.92 0.81 0.00	43.53 0.69 0.00	47.37 0.68 0.00	49.17 0.78 0.00	57.00 0.84 0.00	142.80 2.24 0.00	71.27 1.02 0.00	47.30 0.68 0.00	41.84 0.76 0.00	59.75 0.78 -19.52	48.96 0.90 -4.17	38.79 0.59 -3.19	39.12 0.52 -3.12	52.67 0.71 -0.35	57.31 0.63 -0.51	39.40 0.37 0.00	33.65 0.38 -0.93	37.86 0.34 -0.26	33.91 0.27 0.00
UNION___PROCESSING_DRP 323587	38.56 -1.20 0.00	42.65 -1.29 0.00	38.12 -1.28 0.00	35.95 -1.20 0.00	33.54 -1.04 0.00	36.00 -1.12 0.00	41.34 -1.50 0.00	45.03 -1.67 0.00	46.35 -2.04 0.00	53.72 -2.44 0.00	134.50 -6.00 0.06	66.91 -3.11 0.23	44.11 -2.41 0.10	38.69 -2.39 0.00	37.25 -2.19 0.00	41.68 -2.21 0.00	33.44 -1.58 0.00	34.05 -1.44 0.00	48.76 -2.19 0.66	54.05 -2.12 0.00	37.82 -1.20 0.00	31.18 -1.16 0.00	35.99 -1.28 0.00	32.49 -1.15 0.00
UPPER HUDSON___HYD 24058	42.78 3.02 0.00	47.24 3.30 0.00	42.22 2.82 0.00	39.85 2.70 0.00	37.07 2.49 0.00	39.66 2.54 0.00	45.51 2.68 0.00	49.63 2.94 0.00	51.55 3.15 0.00	59.86 3.71 0.00	149.14 8.58 0.00	74.86 4.61 0.00	49.28 2.67 0.00	42.90 1.82 0.00	59.07 1.56 -18.07	49.33 1.57 -3.87	39.27 1.28 -2.98	39.78 1.38 -2.91	54.05 2.12 -0.33	59.07 2.43 -0.48	40.62 1.59 0.00	34.53 1.33 -0.87	39.01 1.50 -0.24	34.87 1.23 0.00
UPPER RAQUET___HYD 24056	40.16 0.40 0.00	44.82 0.88 0.00	40.29 0.90 0.00	38.04 0.89 0.00	35.34 0.75 0.00	37.99 0.87 0.00	44.23 1.40 0.00	48.43 1.74 0.00	50.13 1.74 0.00	58.21 2.05 0.00	146.11 5.55 0.00	72.76 2.50 0.00	48.02 1.41 0.00	42.14 1.06 0.00	40.15 0.71 0.00	44.43 0.55 0.00	35.51 0.49 0.00	36.22 0.73 0.00	53.05 1.43 -0.02	58.64 2.10 -0.37	40.54 1.51 0.00	33.54 1.21 0.00	38.64 1.38 0.00	34.89 1.25 0.00
VALLEY44_115KV_TB2 355964	37.25 -2.51 0.00	41.43 -2.51 0.00	37.06 -2.34 0.00	34.97 -2.18 0.00	32.74 -1.85 0.00	35.03 -2.09 0.00	40.09 -2.74 0.00	43.80 -2.89 0.00	44.75 -3.64 0.00	51.88 -4.28 0.00	130.24 -10.27 0.05	64.89 -5.19 0.17	42.73 -3.73 0.15	36.97 -3.73 0.39	35.29 -3.54 0.61	40.16 -3.73 0.00	32.35 -2.66 0.00	32.80 -2.69 0.00	46.98 -4.14 0.50	52.30 -3.87 0.00	36.77 -2.26 0.00	30.14 -2.20 0.00	34.88 -2.38 0.00	31.48 -2.16 0.00
VALLEY___115KV_TB 1-4 80826	40.62 0.86 0.00	45.00 1.06 0.00	40.34 0.94 0.00	38.09 0.94 0.00	35.46 0.88 0.00	38.12 1.01 0.00	43.77 0.94 0.00	47.67 0.98 0.00	49.53 1.13 0.00	57.47 1.32 0.00	143.93 3.37 0.00	72.11 1.86 0.00	47.88 1.26 0.00	42.18 1.10 0.00	40.47 1.03 0.00	44.88 0.99 0.00	35.60 0.59 0.00	36.13 0.64 0.00	52.75 1.14 0.00	57.37 1.20 0.00	39.82 0.79 0.00	33.04 0.70 0.00	38.00 0.74 0.00	34.17 0.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.84 1.08 0.00	45.07 1.13 0.00	40.43 1.04 0.00	38.11 0.96 0.00	35.50 0.91 0.00	38.13 1.01 0.00	43.77 0.94 0.00	47.77 1.07 0.00	49.57 1.17 0.00	57.64 1.49 0.00	144.26 3.71 0.01	72.31 2.09 0.04	48.11 1.50 0.01	42.43 1.34 0.00	40.49 1.22 0.17	45.31 1.42 0.00	35.47 1.22 0.77	36.66 1.18 0.00	53.23 1.74 0.11	58.13 1.79 -0.18	40.20 1.17 0.00	32.77 0.92 0.49	38.11 0.98 0.14	34.43 0.79 0.00
VISCHER___FERRY HYD 24020	41.46 1.70 0.00	45.81 1.87 0.00	41.04 1.65 0.00	38.72 1.57 0.00	36.01 1.43 0.00	38.63 1.51 0.00	44.31 1.48 0.00	48.21 1.52 0.00	50.03 1.63 0.00	58.04 1.89 0.00	145.22 4.66 0.00	72.76 2.51 0.00	48.29 1.68 0.00	42.65 1.56 0.00	61.29 1.47 -20.37	49.85 1.59 -4.36	39.61 1.19 -3.41	39.91 1.15 -3.28	53.69 1.71 -0.37	58.46 1.75 -0.54	40.21 1.18 0.00	34.35 1.04 -0.98	38.68 1.15 -0.27	34.58 0.93 0.00
V_A_10_SYNC_DSASP 323832	37.13 -2.63 0.00	41.28 -2.66 0.00	36.89 -2.51 0.00	34.81 -2.34 0.00	32.53 -2.06 0.00	34.90 -2.22 0.00	39.95 -2.88 0.00	43.42 -3.27 0.00	44.27 -4.13 0.00	51.14 -5.02 0.00	128.08 -12.42 0.06	63.72 -6.31 0.22	41.94 -4.56 0.12	36.13 -4.46 0.49	34.54 -4.13 0.78	39.50 -4.39 0.00	31.79 -3.23 0.00	32.42 -3.07 0.00	46.36 -4.61 0.63	51.55 -4.62 0.00	36.30 -2.72 0.00	29.86 -2.48 0.00	34.60 -2.66 0.00	31.40 -2.25 0.00
V_CMM_10_SYNC_DSASP 323787	39.77 0.01 0.00	44.19 0.25 0.00	39.68 0.29 0.00	37.45 0.30 0.00	34.85 0.27 0.00	37.42 0.30 0.00	43.50 0.67 0.00	47.50 0.80 0.00	49.14 0.74 0.00	57.02 0.87 0.00	142.96 2.40 0.00	71.11 0.86 0.00	47.14 0.52 0.00	41.44 0.35 0.00	39.67 0.23 0.00	44.10 0.20 0.00	35.22 0.20 0.00	35.84 0.35 0.00	52.26 0.65 0.00	57.14 0.97 0.00	39.76 0.73 0.00	32.95 0.61 0.00	37.98 0.71 0.00	34.37 0.73 0.00
V_CMP_10_SYNC_DSASP 323788	39.07 -0.69 0.00	44.52 0.58 0.00	40.35 0.96 0.00	38.62 1.47 0.00	35.90 1.32 0.00	38.46 1.34 0.00	44.60 1.76 0.00	48.91 2.21 0.00	50.51 2.11 0.00	58.94 2.78 0.00	148.98 8.42 0.00	74.51 4.26 0.00	49.21 2.59 0.00	42.98 1.89 0.00	40.68 1.23 0.00	44.86 0.97 0.00	35.47 0.46 0.00	35.76 0.28 0.00	52.45 0.84 0.00	57.93 1.76 0.00	40.40 1.37 0.00	33.42 1.08 0.00	38.49 1.23 0.00	34.80 1.16 0.00
V_D_10_SYNC_DSASP 323841	39.97 0.21 0.00	44.44 0.50 0.00	39.92 0.52 0.00	37.66 0.51 0.00	35.04 0.46 0.00	37.63 0.51 0.00	43.76 0.93 0.00	47.86 1.17 0.00	49.52 1.12 0.00	57.47 1.31 0.00	144.16 3.60 0.00	71.82 1.57 0.00	47.50 0.88 0.00	41.72 0.64 0.00	39.90 0.46 0.00	44.31 0.42 0.00	35.40 0.39 0.00	36.04 0.56 0.00	52.63 1.02 0.00	57.58 1.41 0.00	40.07 1.04 0.00	33.20 0.87 0.00	38.27 1.00 0.00	34.61 0.96 0.00
V_E_10_SYNC_DSASP 323830	40.81 1.05 0.00	45.28 1.34 0.00	40.70 1.30 0.00	38.73 1.58 0.00	36.22 1.63 0.00	39.03 1.91 0.00	44.88 2.05 0.00	49.10 2.40 0.00	50.84 2.44 0.00	59.11 2.95 0.00	148.16 7.62 0.01	74.04 3.84 0.05	49.17 2.43 -0.12	43.07 1.87 -0.11	40.92 1.31 -0.18	45.54 1.65 0.00	36.76 1.75 0.00	37.31 1.83 0.00	54.47 2.97 0.11	60.58 3.46 -0.95	41.42 2.39 0.00	34.09 1.75 0.00	39.23 1.97 0.00	35.19 1.55 0.00

V_F_30_NSYNC___DSASP 323816	42.10 2.34 0.00	46.51 2.57 0.00	41.61 2.22 0.00	39.25 2.11 0.00	36.50 1.91 0.00	39.13 2.02 0.00	44.92 2.09 0.00	48.95 2.26 0.00	50.79 2.40 0.00	58.94 2.78 0.00	147.37 6.81 0.00	73.95 3.70 0.00	48.97 2.36 0.00	43.04 1.96 0.00	59.67 1.82 -18.41	49.75 1.92 -3.94	39.57 1.51 -3.04	39.97 1.52 -2.97	54.24 2.30 -0.33	59.13 2.47 -0.49	40.68 1.65 0.00	34.60 1.37 -0.89	39.09 1.58 -0.25	34.94 1.30 0.00
V_F_30_SYNC_DSASP 323786	40.91 1.15 0.00	45.13 1.19 0.00	40.46 1.06 0.00	38.12 0.98 0.00	35.46 0.88 0.00	38.04 0.93 0.00	43.66 0.83 0.00	47.53 0.84 0.00	49.36 0.96 0.00	57.19 1.03 0.00	143.33 2.77 0.00	71.56 1.30 0.00	47.49 0.87 0.00	42.00 0.92 0.00	59.61 0.93 -19.24	49.06 1.06 -4.11	38.89 0.72 -3.15	39.22 0.65 -3.08	52.87 0.91 -0.34	57.53 0.86 -0.51	39.55 0.52 0.00	33.76 0.51 -0.92	37.98 0.47 -0.26	34.02 0.38 0.00
V_XM_10_SYNC_DSASP 323789	39.07 -0.69 0.00	44.52 0.58 0.00	40.35 0.96 0.00	38.62 1.47 0.00	35.90 1.32 0.00	38.46 1.34 0.00	44.60 1.76 0.00	48.91 2.21 0.00	50.51 2.11 0.00	58.94 2.78 0.00	148.98 8.42 0.00	74.51 4.26 0.00	49.21 2.59 0.00	42.98 1.89 0.00	40.68 1.23 0.00	44.86 0.97 0.00	35.47 0.46 0.00	35.76 0.28 0.00	52.45 0.84 0.00	57.93 1.76 0.00	40.40 1.37 0.00	33.42 1.08 0.00	38.49 1.23 0.00	34.80 1.16 0.00
W.BABYLN_69_KV_BK1 56697	42.61 2.84 0.00	46.71 2.77 0.00	41.79 2.39 0.00	39.21 2.06 0.00	36.60 2.01 0.00	39.10 1.98 0.00	44.83 2.00 0.00	48.74 2.05 0.00	50.69 2.30 0.00	58.91 2.75 0.00	143.83 5.24 1.97	73.35 3.10 0.00	49.41 2.79 0.00	56.08 2.70 -12.30	186.86 2.89 -144.53	153.98 3.18 -106.91	91.13 2.66 -53.47	70.05 2.58 -31.99	57.34 3.91 -1.82	62.79 3.82 -2.80	41.45 2.42 0.00	39.30 1.85 -5.11	40.56 1.88 -1.42	35.13 1.48 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	41.79 2.03 0.00	45.89 1.95 0.00	41.05 1.65 0.00	38.60 1.45 0.00	35.94 1.35 0.00	38.45 1.33 0.00	44.19 1.36 0.00	48.17 1.48 0.00	50.10 1.71 0.00	58.27 2.12 0.00	145.66 5.10 0.00	73.50 3.25 0.00	49.15 2.53 0.00	43.60 2.52 0.00	-98.10 2.53 140.07	16.77 2.87 29.99	14.40 2.21 22.82	14.92 2.05 22.62	51.98 2.95 2.58	54.83 2.83 4.17	40.79 1.76 0.00	26.11 1.39 7.61	36.66 1.51 2.11	34.84 1.20 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.04 2.28 0.00	46.13 2.19 0.00	41.24 1.84 0.00	38.81 1.66 0.00	36.13 1.55 0.00	38.63 1.52 0.00	44.36 1.53 0.00	48.36 1.67 0.00	50.35 1.95 0.00	58.58 2.43 0.00	146.35 5.79 0.00	73.91 3.66 0.00	49.48 2.86 0.00	43.92 2.84 0.00	142.23 2.79 -100.00	68.38 3.06 -21.43	55.34 2.33 -17.99	53.83 2.19 -16.17	56.62 3.19 -1.83	62.04 3.05 -2.82	40.91 1.89 0.00	38.97 1.49 -5.14	40.32 1.63 -1.43	34.95 1.31 0.00
W50THST__13_KV_LOAD 356117	42.28 2.52 0.00	46.37 2.43 0.00	41.46 2.06 0.00	39.01 1.87 0.00	36.32 1.74 0.00	38.83 1.71 0.00	44.58 1.75 0.00	48.61 1.92 0.00	50.62 2.22 0.00	58.93 2.77 0.00	147.23 6.66 0.00	74.38 4.14 0.00	49.81 3.20 0.00	44.24 3.16 0.00	142.51 3.07 -100.00	68.63 3.30 -21.43	55.55 2.54 -17.99	54.03 2.38 -16.17	56.91 3.47 -1.83	62.33 3.35 -2.82	41.11 2.08 0.00	39.13 1.65 -5.14	40.51 1.82 -1.43	35.12 1.48 0.00
WADING RIVER_IC_1 23522	41.45 1.69 0.00	45.36 1.42 0.00	40.61 1.21 0.00	38.08 0.93 0.00	35.54 0.95 0.00	37.97 0.86 0.00	43.57 0.74 0.00	47.36 0.67 0.00	49.28 0.88 0.00	57.26 1.10 0.00	139.81 1.15 1.90	71.37 1.13 0.00	48.18 1.56 0.00	53.86 1.64 -11.13	181.45 1.96 -140.05	145.01 2.10 -99.01	87.00 1.84 -50.15	67.86 1.89 -30.49	56.29 2.87 -1.82	61.59 2.62 -2.80	40.59 1.56 0.00	38.62 1.18 -5.11	39.66 0.98 -1.42	34.33 0.69 0.00
WADING RIVER_IC_2 23547	41.45 1.69 0.00	45.36 1.42 0.00	40.61 1.21 0.00	38.08 0.93 0.00	35.54 0.95 0.00	37.97 0.86 0.00	43.57 0.74 0.00	47.36 0.67 0.00	49.28 0.88 0.00	57.26 1.10 0.00	139.81 1.15 1.90	71.37 1.13 0.00	48.18 1.56 0.00	53.86 1.64 -11.13	181.45 1.96 -140.05	145.01 2.10 -99.01	87.00 1.84 -50.15	67.86 1.89 -30.49	56.29 2.87 -1.82	61.59 2.62 -2.80	40.59 1.56 0.00	38.62 1.18 -5.11	39.66 0.98 -1.42	34.33 0.69 0.00
WADING RIVER_IC_3 23601	41.45 1.69 0.00	45.36 1.42 0.00	40.61 1.21 0.00	38.08 0.93 0.00	35.54 0.95 0.00	37.97 0.86 0.00	43.57 0.74 0.00	47.36 0.67 0.00	49.28 0.88 0.00	57.26 1.10 0.00	139.81 1.15 1.90	71.37 1.13 0.00	48.18 1.56 0.00	53.86 1.64 -11.13	181.45 1.96 -140.05	145.01 2.10 -99.01	87.00 1.84 -50.15	67.86 1.89 -30.49	56.29 2.87 -1.82	61.59 2.62 -2.80	40.59 1.56 0.00	38.62 1.18 -5.11	39.66 0.98 -1.42	34.33 0.69 0.00
WALDENNY_12_KV_BK2 80841	37.28 -2.48 0.00	41.48 -2.46 0.00	37.04 -2.35 0.00	34.93 -2.22 0.00	32.69 -1.89 0.00	35.07 -2.05 0.00	40.11 -2.72 0.00	43.61 -3.08 0.00	44.36 -4.03 0.00	51.20 -4.96 0.00	128.35 -12.16 0.05	63.91 -6.15 0.19	42.00 -4.48 0.14	35.83 -4.45 0.81	34.04 -4.12 1.28	39.48 -4.41 0.00	31.81 -3.20 0.00	32.41 -3.07 0.00	46.39 -4.67 0.55	51.64 -4.53 0.00	36.46 -2.57 0.00	29.92 -2.41 0.00	34.72 -2.54 0.00	31.50 -2.14 0.00
WALDEN__HYDRO 24148	41.49 1.73 0.00	45.60 1.66 0.00	40.80 1.40 0.00	38.38 1.23 0.00	35.74 1.15 0.00	38.25 1.14 0.00	43.95 1.12 0.00	47.93 1.23 0.00	49.82 1.43 0.00	57.94 1.79 0.00	144.82 4.26 0.00	72.97 2.72 0.00	48.74 2.12 0.00	43.22 2.14 0.00	-0.85 2.12 42.41	37.17 2.38 9.10	30.94 1.83 5.90	30.34 1.73 6.86	53.30 2.46 0.77	57.41 2.37 1.12	40.50 1.47 0.00	31.45 1.17 2.05	37.96 1.26 0.57	34.64 1.00 0.00
WARRENSBURG____ 23737	42.78 3.02 0.00	47.24 3.30 0.00	42.22 2.82 0.00	39.85 2.70 0.00	37.07 2.49 0.00	39.65 2.54 0.00	45.51 2.68 0.00	49.63 2.93 0.00	51.54 3.15 0.00	59.86 3.71 0.00	149.16 8.59 0.00	74.86 4.61 0.00	49.29 2.67 0.00	42.91 1.82 0.00	59.07 1.57 -18.07	49.33 1.57 -3.87	39.27 1.28 -2.98	39.78 1.38 -2.91	54.05 2.12 -0.33	59.07 2.43 -0.48	40.62 1.59 0.00	34.53 1.33 -0.87	39.01 1.50 -0.24	34.87 1.23 0.00
WATERSIDE____6 8 9 23538	41.94 2.18 0.00	46.08 2.13 0.00	41.25 1.85 0.00	38.82 1.67 0.00	36.14 1.56 0.00	38.63 1.51 0.00	44.35 1.52 0.00	48.35 1.65 0.00	50.37 1.97 0.00	58.56 2.41 0.00	146.34 5.78 0.00	73.97 3.72 0.00	49.51 2.89 0.00	43.96 2.88 0.00	141.91 2.67 -99.80	68.42 3.14 -21.39	55.29 2.31 -17.96	53.78 2.16 -16.13	56.69 3.26 -1.82	62.01 3.03 -2.81	40.92 1.89 0.00	39.00 1.54 -5.13	40.36 1.68 -1.42	35.00 1.36 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.41 0.65 0.00	44.73 0.78 0.00	40.08 0.69 0.00	37.83 0.68 0.00	35.20 0.62 0.00	37.82 0.70 0.00	43.45 0.62 0.00	47.33 0.63 0.00	49.14 0.74 0.00	57.04 0.88 0.00	142.81 2.24 0.00	71.52 1.26 0.00	47.49 0.88 0.00	41.86 0.77 0.00	40.17 0.73 0.00	44.60 0.71 0.00	35.43 0.41 0.00	35.92 0.44 0.00	52.39 0.78 0.00	56.98 0.81 0.00	39.54 0.52 0.00	32.79 0.46 0.00	37.73 0.47 0.00	33.96 0.32 0.00

WDELAWARE___HYD 323627	40.83 1.07 0.00	44.88 0.94 0.00	40.14 0.74 0.00	37.76 0.61 0.00	35.16 0.57 0.00	37.66 0.54 0.00	43.30 0.47 0.00	47.22 0.53 0.00	49.07 0.68 0.00	57.07 0.91 0.00	142.85 2.28 0.00	71.95 1.69 0.00	47.82 1.20 0.00	41.59 0.51 0.00	2.19 0.39 37.65	36.21 0.40 8.08	29.99 0.36 5.39	29.65 0.26 6.09	51.31 0.38 0.68	55.31 0.14 1.00	39.10 0.07 0.00	31.24 0.72 1.82	37.52 0.77 0.51	34.17 0.53 0.00
WEST BABYLON___IC 23714	42.61 2.84 0.00	46.71 2.77 0.00	41.79 2.39 0.00	39.21 2.06 0.00	36.60 2.01 0.00	39.10 1.98 0.00	44.83 2.00 0.00	48.74 2.05 0.00	50.69 2.30 0.00	58.91 2.75 0.00	143.83 5.24 1.97	73.35 3.10 0.00	49.41 2.79 0.00	56.08 2.70 -12.30	186.86 2.89 -144.53	153.98 3.18 -106.91	91.13 2.66 -53.47	70.05 2.58 -31.99	57.34 3.91 -1.82	62.79 3.82 -2.80	41.45 2.42 0.00	39.30 1.85 -5.11	40.56 1.88 -1.42	35.13 1.48 0.00
WEST CANADA___HYD 24049	39.92 0.16 0.00	44.12 0.17 0.00	39.56 0.16 0.00	37.30 0.14 0.00	34.71 0.13 0.00	37.26 0.15 0.00	42.89 0.06 0.00	46.74 0.05 0.00	48.48 0.08 0.00	56.24 0.09 0.00	140.74 0.18 0.00	70.40 0.16 0.00	46.75 0.14 0.00	41.24 0.16 0.00	39.60 0.16 0.00	44.06 0.16 0.00	35.12 0.11 0.00	35.55 0.07 0.00	51.73 0.12 0.00	56.23 0.06 0.00	39.07 0.04 0.00	32.37 0.03 0.00	37.28 0.02 0.00	33.62 -0.02 0.00
WESTERN_NY_WIND 24143	38.34 -1.42 0.00	42.51 -1.43 0.00	37.94 -1.46 0.00	35.79 -1.36 0.00	33.43 -1.16 0.00	35.92 -1.19 0.00	41.15 -1.68 0.00	44.78 -1.92 0.00	45.67 -2.72 0.00	52.82 -3.33 0.00	132.31 -8.20 0.06	65.81 -4.23 0.22	42.72 -3.78 0.12	36.78 -3.88 0.42	35.32 -3.45 0.67	40.32 -3.57 0.00	32.40 -2.61 0.00	33.31 -2.18 0.00	47.71 -3.28 0.62	53.25 -2.92 0.00	37.56 -1.47 0.00	30.86 -1.48 0.00	35.70 -1.56 0.00	32.35 -1.29 0.00
WESTOVER___LESR 323668	39.30 -0.45 0.00	43.47 -0.47 0.00	38.93 -0.47 0.00	36.70 -0.45 0.00	34.24 -0.35 0.00	36.72 -0.39 0.00	42.13 -0.70 0.00	45.98 -0.71 0.00	47.51 -0.89 0.00	55.11 -1.04 0.00	138.11 -2.44 0.02	69.13 -1.06 0.06	45.85 -0.71 0.06	40.36 -0.73 0.00	38.75 -0.69 0.00	43.14 -0.75 0.00	34.60 -0.42 0.00	34.96 -0.52 0.00	50.69 -0.78 0.13	56.33 -0.75 -0.92	38.59 -0.43 0.00	31.84 -0.49 0.00	36.74 -0.52 0.00	33.10 -0.55 0.00
WETHRSFD_WT_PWR 323626	37.52 -2.24 0.00	41.75 -2.19 0.00	37.35 -2.05 0.00	35.23 -1.92 0.00	32.97 -1.61 0.00	35.36 -1.76 0.00	40.43 -2.40 0.00	44.01 -2.68 0.00	44.94 -3.45 0.00	51.94 -4.22 0.00	130.13 -10.38 0.05	64.65 -5.43 0.17	42.48 -3.97 0.16	34.38 -4.11 2.60	31.62 -3.70 4.12	40.02 -3.88 0.00	32.24 -2.78 0.00	32.73 -2.75 0.00	46.95 -4.17 0.49	52.15 -4.01 0.00	36.69 -2.34 0.00	30.15 -2.19 0.00	34.99 -2.27 0.00	31.65 -1.99 0.00
WHAVSTOR_138KV_BK127 55557	41.55 1.79 0.00	45.63 1.69 0.00	40.82 1.42 0.00	38.40 1.25 0.00	35.76 1.17 0.00	38.24 1.13 0.00	43.93 1.10 0.00	47.89 1.20 0.00	49.81 1.41 0.00	57.90 1.75 0.00	144.72 4.16 0.00	73.00 2.75 0.00	48.79 2.17 0.00	43.28 2.20 0.00	-98.87 2.23 140.54	16.35 2.55 30.08	13.97 1.93 22.97	14.57 1.78 22.70	51.58 2.56 2.59	54.38 2.43 4.21	40.51 1.48 0.00	25.82 1.17 7.69	36.40 1.28 2.13	34.64 1.00 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	41.55 1.79 0.00	45.63 1.69 0.00	40.82 1.42 0.00	38.40 1.25 0.00	35.76 1.17 0.00	38.24 1.13 0.00	43.93 1.10 0.00	47.89 1.20 0.00	49.81 1.41 0.00	57.90 1.75 0.00	144.72 4.16 0.00	73.00 2.75 0.00	48.79 2.17 0.00	43.28 2.20 0.00	-98.87 2.23 140.54	16.35 2.55 30.08	13.97 1.93 22.97	14.57 1.78 22.70	51.58 2.56 2.59	54.38 2.43 4.21	40.51 1.48 0.00	25.82 1.17 7.69	36.40 1.28 2.13	34.64 1.00 0.00
WHITEHAL_115KV_TB1 80871	43.87 4.11 0.00	48.60 4.67 0.00	43.25 3.85 0.00	41.01 3.86 0.00	38.25 3.67 0.00	40.46 3.35 0.00	46.24 3.41 0.00	50.35 3.66 0.00	52.35 3.96 0.00	60.94 4.78 0.00	152.48 11.92 0.00	76.34 6.09 0.00	50.67 4.06 0.00	44.16 3.08 0.00	60.27 2.62 -18.21	50.30 2.51 -3.90	40.33 2.31 -3.00	40.49 2.07 -2.94	54.90 2.96 -0.33	60.07 3.43 -0.48	41.24 2.21 0.00	35.04 1.83 -0.88	39.71 2.20 -0.24	35.48 1.84 0.00
WHITEPLN_13_KV_LOAD 356215	42.21 2.45 0.00	46.34 2.40 0.00	41.42 2.02 0.00	38.94 1.80 0.00	36.26 1.67 0.00	38.79 1.67 0.00	44.56 1.73 0.00	48.58 1.89 0.00	50.57 2.18 0.00	58.85 2.69 0.00	147.12 6.56 0.00	74.22 3.97 0.00	49.67 3.05 0.00	44.11 3.03 0.00	147.75 3.04 -105.27	69.85 3.39 -22.57	56.28 2.57 -18.69	54.97 2.46 -17.02	57.06 3.54 -1.92	62.50 3.42 -2.91	41.17 2.15 0.00	39.35 1.70 -5.31	40.59 1.85 -1.47	35.13 1.49 0.00
WM_FLOYD_69_KV_BK2 356380	41.89 2.12 0.00	45.85 1.91 0.00	41.04 1.65 0.00	38.49 1.34 0.00	35.93 1.34 0.00	38.39 1.27 0.00	44.04 1.21 0.00	47.86 1.17 0.00	49.78 1.39 0.00	57.82 1.66 0.00	141.36 2.70 1.90	72.00 1.75 0.00	48.59 1.97 0.00	54.25 2.01 -11.16	181.92 2.34 -140.14	145.58 2.51 -99.18	87.41 2.17 -50.22	68.24 2.24 -30.52	56.80 3.37 -1.82	62.15 3.19 -2.80	40.97 1.94 0.00	38.93 1.49 -5.11	40.04 1.36 -1.42	34.68 1.04 0.00
WOODARD___115KV_TB2 355635	39.11 -0.65 0.00	43.13 -0.81 0.00	38.62 -0.78 0.00	36.41 -0.73 0.00	33.94 -0.64 0.00	36.42 -0.70 0.00	41.86 -0.97 0.00	45.62 -1.07 0.00	47.28 -1.11 0.00	54.85 -1.31 0.00	137.27 -3.27 0.02	68.57 -1.61 0.07	45.48 -1.13 0.01	40.04 -1.05 0.00	38.44 -1.00 0.00	42.82 -1.08 0.00	34.25 -0.76 0.00	34.71 -0.78 0.00	50.27 -1.23 0.12	56.52 -1.31 -1.66	38.16 -0.87 0.00	31.57 -0.76 0.00	36.41 -0.85 0.00	32.84 -0.81 0.00
WOODMERE_69_KV_BK1 55827	42.80 3.04 -0.01	46.90 2.96 0.00	41.92 2.53 0.00	39.37 2.22 0.00	36.70 2.11 0.00	39.22 2.10 0.00	45.04 2.21 0.00	49.00 2.31 0.00	50.96 2.57 0.00	59.33 3.18 0.00	149.71 6.53 -2.62	74.43 4.18 0.00	50.05 3.43 0.00	62.44 3.29 -18.06	211.05 3.32 -168.29	194.79 3.63 -147.26	107.96 2.79 -70.16	77.63 2.73 -39.41	57.54 4.12 -1.82	63.02 4.05 -2.80	41.57 2.54 0.00	39.39 1.95 -5.11	40.73 2.05 -1.42	35.28 1.63 0.00
YORK___WARBASSE 23770	42.00 2.24 0.00	46.10 2.16 0.00	41.30 1.91 0.00	38.90 1.75 0.00	36.21 1.63 0.00	38.69 1.58 0.00	44.38 1.55 0.00	48.37 1.68 0.00	50.36 1.96 0.00	58.55 2.39 0.00	146.40 5.84 0.00	74.04 3.79 0.00	49.53 2.92 0.00	43.99 2.90 0.00	141.81 2.56 -99.80	68.33 3.06 -21.39	55.18 2.21 -17.96	53.66 2.04 -16.13	56.62 3.19 -1.82	62.00 3.03 -2.81	40.91 1.89 0.00	39.04 1.58 -5.13	40.41 1.72 -1.42	35.09 1.45 0.00