

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/02/2026

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	47.10	46.31	46.72	40.47	47.20	48.73	50.40	54.59	46.94	37.78	37.68	43.23	37.00	36.21	38.35	52.01	48.56	141.73	70.97	65.10	123.45	64.88	53.19	49.80
24138	2.33	2.03	1.90	1.57	1.72	1.96	2.66	3.24	3.12	3.01	3.12	3.13	2.37	1.94	1.81	2.45	2.39	7.32	4.07	3.81	7.77	3.99	3.04	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	47.16	46.38	46.79	40.55	47.29	48.82	50.50	54.69	47.03	37.84	37.73	43.27	37.05	36.22	38.37	52.06	48.62	141.98	71.06	65.18	123.66	64.98	53.27	49.88
24260	2.38	2.10	1.97	1.64	1.81	2.05	2.75	3.34	3.21	3.07	3.17	3.18	2.42	1.95	1.84	2.50	2.45	7.56	4.16	3.88	7.98	4.08	3.11	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	47.16	46.38	46.79	40.55	47.29	48.82	50.50	54.69	47.03	37.84	37.73	43.27	37.05	36.22	38.37	52.06	48.62	141.98	71.06	65.18	123.66	64.98	53.27	49.88
24261	2.38	2.10	1.97	1.64	1.81	2.05	2.75	3.34	3.21	3.07	3.17	3.18	2.42	1.95	1.84	2.50	2.45	7.56	4.16	3.88	7.98	4.08	3.11	2.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	46.53	45.81	46.42	40.29	47.14	48.64	50.64	54.62	46.61	37.20	36.82	42.24	35.92	35.59	37.90	51.52	48.02	140.70	70.64	65.29	123.31	65.20	53.49	50.14
24011	1.75	1.53	1.60	1.39	1.67	1.87	2.89	3.28	2.79	2.26	2.26	2.14	1.28	1.33	1.37	1.96	1.84	6.28	3.75	3.99	7.64	4.30	3.33	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	46.73	45.99	46.64	40.50	47.38	48.90	50.87	54.84	46.82	37.36	37.01	42.42	35.94	35.70	38.05	51.79	48.27	141.36	71.16	65.81	124.21	65.70	53.83	50.41
23798	1.95	1.71	1.82	1.59	1.91	2.14	3.12	3.49	3.00	2.42	2.45	2.32	1.30	1.43	1.51	2.23	2.10	6.94	4.26	4.52	8.53	4.81	3.68	3.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	46.53	45.81	46.42	40.29	47.14	48.64	50.64	54.62	46.61	37.20	36.82	42.24	35.92	35.59	37.90	51.52	48.02	140.70	70.64	65.29	123.31	65.20	53.49	50.14
24028	1.75	1.53	1.60	1.39	1.67	1.87	2.89	3.28	2.79	2.26	2.26	2.14	1.28	1.33	1.37	1.96	1.84	6.28	3.75	3.99	7.64	4.30	3.33	3.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	46.77	46.13	46.65	40.51	47.30	48.74	49.64	53.09	45.35	36.29	35.90	41.30	35.64	35.72	38.02	51.83	47.97	139.84	69.38	63.79	120.60	63.61	52.51	49.46
23527	2.00	1.85	1.83	1.60	1.82	1.98	1.89	1.75	1.53	1.36	1.34	1.21	1.00	1.45	1.49	2.28	1.79	5.42	2.48	2.49	4.92	2.72	2.36	2.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	45.11	44.47	44.97	39.18	45.58	46.96	48.38	52.22	44.67	35.76	35.39	40.73	34.90	34.53	36.76	50.00	46.51	135.49	67.58	62.04	117.23	61.70	50.80	47.70
24190	0.34	0.19	0.14	0.27	0.10	0.20	0.63	0.88	0.85	0.85	0.83	0.64	0.26	0.26	0.22	0.43	0.34	1.08	0.69	0.75	1.55	0.81	0.65	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	44.78	44.46	45.01	39.05	45.69	46.82	47.40	50.82	43.59	33.24	34.11	39.94	34.66	34.37	36.72	49.54	46.06	133.39	66.37	60.63	114.36	60.27	49.64	46.77
355683	0.01	0.18	0.19	0.14	0.21	0.05	-0.35	-0.53	-0.23	-0.48	-0.45	-0.16	0.03	0.10	0.18	-0.02	-0.12	-1.03	-0.52	-0.67	-1.32	-0.62	-0.51	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.08	45.45	45.97	39.99	46.63	48.08	49.47	53.33	45.47	36.26	35.78	41.19	35.23	34.90	37.17	50.50	47.01	136.77	68.59	63.30	119.53	63.03	51.93	48.79
323833	1.30	1.17	1.14	1.08	1.16	1.31	1.72	1.98	1.65	1.36	1.22	1.09	0.60	0.63	0.63	0.93	0.83	2.35	1.69	2.00	3.85	2.14	1.78	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	46.08	45.43	45.96	39.99	46.62	48.06	49.47	53.31	45.46	36.25	35.78	41.19	35.23	34.89	37.16	50.49	47.00	136.75	68.58	63.29	119.52	63.01	51.93	48.77
323834	1.30	1.15	1.14	1.08	1.14	1.30	1.72	1.97	1.64	1.35	1.22	1.09	0.59	0.62	0.62	0.93	0.83	2.33	1.68	1.99	3.84	2.12	1.78	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	0.00	0.00	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	45.11	44.47	44.97	39.18	45.58	46.96	48.38	52.22	44.67	35.76	35.39	40.73	34.90	34.53	36.76	50.00	46.51	135.49	67.58	62.04	117.23	61.70	50.80	47.70
23571	0.34	0.19	0.14	0.27	0.10	0.20	0.63	0.88	0.85	0.85	0.83	0.64	0.26	0.26	0.22	0.43	0.34	1.08	0.69	0.75	1.55	0.81	0.65	0.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	45.11 0.34 0.00	44.47 0.19 0.00	44.97 0.14 0.00	39.18 0.27 0.00	45.58 0.10 0.00	46.96 0.20 0.00	48.38 0.63 0.00	52.22 0.88 0.00	44.67 0.85 0.00	35.76 0.85 -1.19	35.39 0.83 0.00	40.73 0.64 0.00	34.90 0.26 0.00	34.53 0.26 0.00	36.76 0.22 0.00	50.00 0.43 0.00	46.51 0.34 0.00	135.49 1.08 0.00	67.58 0.69 0.00	62.04 0.75 0.00	117.23 1.55 0.00	61.70 0.81 0.00	50.80 0.65 0.00	47.70 0.55 0.00
ALBANY___3 23573	45.11 0.34 0.00	44.47 0.19 0.00	44.97 0.14 0.00	39.18 0.27 0.00	45.58 0.10 0.00	46.96 0.20 0.00	48.38 0.63 0.00	52.22 0.88 0.00	44.67 0.85 0.00	35.76 0.85 -1.19	35.39 0.83 0.00	40.73 0.64 0.00	34.90 0.26 0.00	34.53 0.26 0.00	36.76 0.22 0.00	50.00 0.43 0.00	46.51 0.34 0.00	135.49 1.08 0.00	67.58 0.69 0.00	62.04 0.75 0.00	117.23 1.55 0.00	61.70 0.81 0.00	50.80 0.65 0.00	47.70 0.55 0.00
ALBANY___4 23574	45.11 0.34 0.00	44.47 0.19 0.00	44.97 0.14 0.00	39.18 0.27 0.00	45.58 0.10 0.00	46.96 0.20 0.00	48.38 0.63 0.00	52.22 0.88 0.00	44.67 0.85 0.00	35.76 0.85 -1.19	35.39 0.83 0.00	40.73 0.64 0.00	34.90 0.26 0.00	34.53 0.26 0.00	36.76 0.22 0.00	50.00 0.43 0.00	46.51 0.34 0.00	135.49 1.08 0.00	67.58 0.69 0.00	62.04 0.75 0.00	117.23 1.55 0.00	61.70 0.81 0.00	50.80 0.65 0.00	47.70 0.55 0.00
ALBANY___LFGE 323615	45.57 0.80 0.00	44.92 0.64 0.00	45.43 0.60 0.00	39.54 0.64 0.00	46.03 0.55 0.00	47.45 0.68 0.00	48.86 1.11 0.00	52.74 1.39 0.00	45.08 1.26 0.00	36.08 1.16 -1.19	35.72 1.16 0.00	41.10 1.00 0.00	35.19 0.55 0.00	34.82 0.55 0.00	37.06 0.52 0.00	50.40 0.84 0.00	46.89 0.71 0.00	136.74 2.32 0.00	68.21 1.32 0.00	62.71 1.41 0.00	118.48 2.80 0.00	62.37 1.48 0.00	51.34 1.19 0.00	48.21 1.06 0.00
ALCOA_PA_115KV_PL-6C 55860	44.82 0.04 0.00	44.51 0.23 0.00	45.05 0.23 0.00	39.08 0.17 0.00	45.75 0.28 0.00	46.94 0.17 0.00	47.52 -0.23 0.00	51.01 -0.34 0.00	43.68 -0.14 0.00	33.01 -0.71 0.00	33.83 -0.73 0.00	39.88 -0.21 0.00	34.61 -0.02 0.00	34.30 0.04 0.00	36.65 0.12 0.00	49.48 -0.08 0.00	46.16 -0.01 0.00	133.81 -0.61 0.00	66.61 -0.28 0.00	60.90 -0.39 0.00	114.86 -0.82 0.00	60.59 -0.31 0.00	49.90 -0.25 0.00	46.95 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	44.82 0.04 0.00	44.50 0.22 0.00	45.05 0.23 0.00	39.08 0.17 0.00	45.74 0.26 0.00	46.93 0.17 0.00	47.52 -0.23 0.00	51.00 -0.34 0.00	43.68 -0.14 0.00	33.01 -0.71 0.00	33.83 -0.73 0.00	39.88 -0.22 0.00	34.61 -0.02 0.00	34.30 0.03 0.00	36.65 0.12 0.00	49.48 -0.08 0.00	46.16 -0.01 0.00	133.81 -0.61 0.00	66.61 -0.28 0.00	60.90 -0.40 0.00	114.86 -0.82 0.00	60.58 -0.31 0.00	49.89 -0.26 0.00	46.96 -0.19 0.00
ALCOA___DSASP 323711	44.82 0.04 0.00	44.50 0.22 0.00	45.05 0.23 0.00	39.08 0.17 0.00	45.74 0.26 0.00	46.93 0.17 0.00	47.52 -0.23 0.00	51.00 -0.34 0.00	43.68 -0.14 0.00	33.01 -0.71 0.00	33.83 -0.73 0.00	39.88 -0.22 0.00	34.61 -0.02 0.00	34.30 0.03 0.00	36.65 0.12 0.00	49.48 -0.08 0.00	46.16 -0.01 0.00	133.81 -0.61 0.00	66.61 -0.28 0.00	60.90 -0.40 0.00	114.86 -0.82 0.00	60.58 -0.31 0.00	49.89 -0.26 0.00	46.96 -0.19 0.00
ALLEGHENY___COGEN 23514	44.56 0.16 0.38	42.46 0.14 1.96	44.72 -0.11 0.00	38.70 -0.21 0.00	45.73 0.25 0.00	47.57 0.80 0.00	49.27 1.52 0.00	52.21 0.87 0.00	43.34 -0.48 0.00	33.33 -0.55 -0.16	33.70 -0.86 0.00	33.47 -1.39 5.23	32.24 -1.15 1.25	33.30 -0.97 0.00	35.72 -0.82 0.00	48.65 -0.91 0.00	45.43 -0.75 0.00	112.63 -2.02 19.76	71.98 -0.22 -5.31	62.41 1.12 0.00	117.77 2.09 0.00	62.23 1.34 0.00	51.17 1.02 0.00	47.91 0.76 0.00
ALTAMONT_115KV_TB 2 55880	45.67 0.89 0.00	45.02 0.74 0.00	45.53 0.71 0.00	39.56 0.66 0.00	46.17 0.69 0.00	47.56 0.80 0.00	48.94 1.19 0.00	52.76 1.41 0.00	45.08 1.25 0.00	36.04 1.13 -1.18	35.68 1.12 0.00	41.11 1.01 0.00	35.25 0.61 0.00	34.85 0.58 0.00	37.09 0.55 0.00	50.41 0.84 0.00	46.95 0.78 0.00	136.93 2.51 0.00	68.32 1.42 0.00	62.78 1.49 0.00	118.63 2.95 0.00	62.44 1.54 0.00	51.41 1.26 0.00	48.29 1.15 0.00
ALTONA_WT_PWR 323606	45.13 0.35 0.00	44.74 0.47 0.00	45.31 0.49 0.00	39.32 0.42 0.00	46.03 0.55 0.00	47.27 0.51 0.00	48.03 0.28 0.00	51.58 0.24 0.00	44.17 0.34 0.00	33.73 0.01 0.00	34.51 -0.05 0.00	40.19 0.10 0.00	34.82 0.18 0.00	34.54 0.27 0.00	36.93 0.40 0.00	49.87 0.31 0.00	46.51 0.34 0.00	135.10 0.69 0.00	67.30 0.40 0.00	61.44 0.14 0.00	115.88 0.20 0.00	61.14 0.25 0.00	50.26 0.11 0.00	47.25 0.10 0.00
AMERICAN_REF_FUEL 24010	40.44 -4.01 0.33	39.01 -3.60 1.67	40.93 -3.90 0.00	35.53 -3.38 0.00	42.10 -3.37 0.00	43.86 -2.90 0.00	45.42 -2.33 0.00	48.41 -2.93 0.00	41.11 -2.72 0.00	32.19 -1.68 -0.14	32.65 -1.90 0.00	32.69 -2.93 4.47	31.47 -2.10 1.06	32.42 -1.85 0.00	34.65 -1.89 0.00	46.77 -2.79 0.00	43.01 -3.17 0.00	106.16 -11.49 16.76	59.56 -5.89 1.44	56.65 -4.65 0.00	106.12 -9.56 0.00	56.34 -4.55 0.00	46.84 -3.31 0.00	43.93 -3.21 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.15 -2.23 0.39	40.48 -1.79 2.01	43.01 -1.82 0.00	37.20 -1.71 0.00	44.10 -1.38 0.00	45.99 -0.77 0.00	47.88 0.13 0.00	51.12 -0.22 0.00	43.39 -0.43 0.00	33.52 -0.36 -0.16	34.01 -0.55 0.00	33.11 -1.61 5.37	32.02 -1.34 1.28	33.13 -1.14 0.00	35.21 -1.32 0.00	47.48 -2.08 0.00	43.77 -2.41 0.00	105.59 -8.42 20.41	62.10 -3.39 1.41	59.54 -1.75 0.00	111.47 -4.21 0.00	59.24 -1.65 0.00	48.89 -1.26 0.00	45.92 -1.23 0.00
ARTHUR KILL_GT_1 23520	47.46 2.67 0.00	46.61 2.32 0.00	46.80 1.98 0.00	40.53 1.63 0.00	47.27 1.79 0.00	48.79 2.03 0.00	50.50 2.75 0.00	54.72 3.37 0.00	47.02 3.19 0.00	37.80 3.03 -1.04	37.66 3.11 0.00	43.19 3.09 0.00	36.91 2.27 0.00	36.15 1.88 0.00	38.19 1.66 0.00	51.91 2.35 0.00	48.44 2.27 0.00	141.45 7.04 0.00	70.98 4.09 0.00	65.17 3.87 0.00	123.78 8.11 0.00	64.96 4.07 0.00	53.30 3.15 0.00	49.92 2.77 0.00
ARTHUR_KILL_2 23512	47.35 2.57 0.00	46.48 2.20 0.00	46.69 1.87 0.00	40.44 1.53 0.00	47.14 1.67 0.00	48.67 1.91 0.00	50.39 2.64 0.00	54.59 3.24 0.00	46.91 3.08 0.00	37.72 2.96 -1.04	37.58 3.01 0.00	43.10 3.00 0.00	36.85 2.21 0.00	36.08 1.81 0.00	38.15 1.61 0.00	51.82 2.26 0.00	48.34 2.17 0.00	141.18 6.77 0.00	70.85 3.95 0.00	65.01 3.72 0.00	123.46 7.78 0.00	64.80 3.91 0.00	53.17 3.02 0.00	49.81 2.66 0.00
ARTHUR_KILL_3 23513	46.90 2.12 0.00	46.13 1.85 0.00	46.55 1.73 0.00	40.32 1.41 0.00	47.00 1.53 0.00	48.54 1.77 0.00	50.22 2.47 0.00	54.38 3.04 0.00	46.74 2.92 0.00	37.61 2.84 -1.04	37.51 2.95 0.00	43.01 2.91 0.00	36.83 2.19 0.00	36.03 1.76 0.00	38.14 1.61 0.00	51.76 2.20 0.00	48.29 2.12 0.00	141.03 6.62 0.00	70.63 3.74 0.00	64.80 3.50 0.00	122.92 7.25 0.00	64.58 3.69 0.00	52.95 2.80 0.00	49.60 2.46 0.00

ARTHUR_KILL_COGEN 323718	47.45 2.67 0.00	46.61 2.33 0.00	46.81 1.98 0.00	40.53 1.63 0.00	47.25 1.77 0.00	48.79 2.02 0.00	50.50 2.75 0.00	54.71 3.37 0.00	47.02 3.19 0.00	37.80 3.03 -1.04	37.66 3.10 0.00	43.19 3.10 0.00	36.91 2.28 0.00	36.15 1.88 0.00	38.20 1.66 0.00	51.91 2.35 0.00	48.44 2.26 0.00	141.45 7.04 0.00	70.99 4.09 0.00	65.17 3.87 0.00	123.78 8.10 0.00	64.96 4.07 0.00	53.30 3.16 0.00	49.94 2.79 0.00
ASHOKAN____ 23654	46.98 2.20 0.00	46.21 1.93 0.00	46.66 1.84 0.00	40.49 1.58 0.00	47.24 1.76 0.00	48.78 2.01 0.00	50.35 2.61 0.00	54.50 3.16 0.00	46.70 2.88 0.00	37.32 2.48 -1.12	36.95 2.39 0.00	42.34 2.25 0.00	36.18 1.54 0.00	35.62 1.36 0.00	38.01 1.47 0.00	51.72 2.16 0.00	48.19 2.02 0.00	141.33 6.91 0.00	70.77 3.87 0.00	65.12 3.83 0.00	123.18 7.50 0.00	64.81 3.92 0.00	53.24 3.09 0.00	49.88 2.74 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.83 2.05 0.00	46.02 1.75 0.00	46.36 1.54 0.00	40.15 1.24 0.00	46.79 1.31 0.00	48.29 1.53 0.00	49.95 2.20 0.00	54.09 2.75 0.01	46.54 2.73 0.01	37.53 2.76 -1.04	37.38 2.82 0.00	42.85 2.76 0.00	36.76 2.12 0.00	36.00 1.73 0.00	37.86 1.33 0.00	51.56 2.00 0.00	48.19 2.01 0.00	140.37 5.96 0.00	70.41 3.51 0.00	64.51 3.23 0.01	122.64 6.96 0.01	64.39 3.50 0.01	52.78 2.63 0.01	49.43 2.30 0.01
ASTORIA_EAST_ENERGY_CC2 323582	46.83 2.05 0.00	46.02 1.75 0.00	46.36 1.54 0.00	40.15 1.24 0.00	46.79 1.31 0.00	48.29 1.53 0.00	49.95 2.20 0.00	54.09 2.75 0.01	46.54 2.73 0.01	37.52 2.76 -1.04	37.38 2.82 0.00	42.85 2.76 0.00	36.76 2.12 0.00	35.99 1.73 0.00	37.86 1.33 0.00	51.56 2.00 0.00	48.18 2.01 0.00	140.37 5.96 0.00	70.41 3.51 0.00	64.51 3.23 0.01	122.63 6.96 0.01	64.38 3.49 0.01	52.77 2.63 0.01	49.43 2.30 0.01
ASTORIA_GT2_1 24094	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT2_2 24095	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT2_3 24096	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT2_4 24097	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT3_1 24098	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT3_2 24099	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT3_3 24100	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT3_4 24101	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT4_1 24102	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT4_2 24103	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT4_3 24104	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01

ASTORIA_GT4_4 24105	46.85 2.07 0.00	46.04 1.77 0.00	46.36 1.54 0.00	40.17 1.26 0.00	46.83 1.35 0.00	48.32 1.56 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.56 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.73 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.04 0.00	140.46 6.05 0.00	70.44 3.55 0.00	64.56 3.27 0.01	122.68 7.01 0.01	64.42 3.53 0.01	52.81 2.67 0.01	49.45 2.31 0.01
ASTORIA_GT_1 23523	46.92 2.14 0.00	46.11 1.84 0.00	46.45 1.63 0.00	40.23 1.32 0.00	46.89 1.41 0.00	48.39 1.62 0.00	50.05 2.31 0.00	54.21 2.87 0.01	46.63 2.82 0.01	37.61 2.84 -1.04	37.46 2.90 0.00	42.94 2.85 0.00	36.83 2.20 0.00	36.06 1.80 0.00	37.93 1.40 0.00	51.67 2.11 0.00	48.30 2.12 0.00	140.65 6.23 0.00	70.55 3.66 0.00	64.67 3.38 0.01	122.90 7.23 0.01	64.53 3.65 0.01	52.89 2.75 0.01	49.53 2.39 0.01
ASTORIA_GT_10 24110	46.86 2.08 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.97 1.50 0.00	48.47 1.70 0.00	50.13 2.38 0.00	54.28 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.17 0.00	36.01 1.74 0.00	38.07 1.54 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.80 6.38 0.00	70.53 3.63 0.00	64.68 3.38 0.00	122.80 7.12 0.00	64.51 3.62 0.00	52.89 2.73 0.00	49.52 2.37 0.00
ASTORIA_GT_11 24225	46.86 2.08 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.97 1.50 0.00	48.47 1.70 0.00	50.13 2.38 0.00	54.28 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.17 0.00	36.01 1.74 0.00	38.07 1.54 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.80 6.38 0.00	70.53 3.63 0.00	64.68 3.38 0.00	122.80 7.12 0.00	64.51 3.62 0.00	52.89 2.73 0.00	49.52 2.37 0.00
ASTORIA_GT_12 24226	46.86 2.08 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.97 1.50 0.00	48.47 1.70 0.00	50.13 2.38 0.00	54.28 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.17 0.00	36.01 1.74 0.00	38.07 1.54 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.80 6.38 0.00	70.53 3.63 0.00	64.68 3.38 0.00	122.80 7.12 0.00	64.51 3.62 0.00	52.89 2.73 0.00	49.52 2.37 0.00
ASTORIA_GT_13 24227	46.86 2.08 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.97 1.50 0.00	48.47 1.70 0.00	50.13 2.38 0.00	54.28 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.17 0.00	36.01 1.74 0.00	38.07 1.54 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.80 6.38 0.00	70.53 3.63 0.00	64.68 3.38 0.00	122.80 7.12 0.00	64.51 3.62 0.00	52.89 2.73 0.00	49.52 2.37 0.00
ASTORIA_GT_5 24106	46.92 2.14 0.00	46.11 1.84 0.00	46.45 1.63 0.00	40.23 1.32 0.00	46.89 1.41 0.00	48.39 1.62 0.00	50.05 2.31 0.00	54.21 2.87 0.01	46.63 2.82 0.01	37.61 2.84 -1.04	37.46 2.90 0.00	42.94 2.85 0.00	36.83 2.20 0.00	36.06 1.80 0.00	37.93 1.40 0.00	51.67 2.11 0.00	48.30 2.12 0.00	140.65 6.23 0.00	70.55 3.66 0.00	64.67 3.38 0.01	122.90 7.23 0.01	64.53 3.65 0.01	52.89 2.75 0.01	49.53 2.39 0.01
ASTORIA_GT_7 24107	46.92 2.14 0.00	46.11 1.84 0.00	46.45 1.63 0.00	40.23 1.32 0.00	46.89 1.41 0.00	48.39 1.62 0.00	50.05 2.31 0.00	54.21 2.87 0.01	46.63 2.82 0.01	37.61 2.84 -1.04	37.46 2.90 0.00	42.94 2.85 0.00	36.83 2.20 0.00	36.06 1.80 0.00	37.93 1.40 0.00	51.67 2.11 0.00	48.30 2.12 0.00	140.65 6.23 0.00	70.55 3.66 0.00	64.67 3.38 0.01	122.90 7.23 0.01	64.53 3.65 0.01	52.89 2.75 0.01	49.53 2.39 0.01
ASTORIA_GT_8 24108	46.92 2.14 0.00	46.11 1.84 0.00	46.45 1.63 0.00	40.23 1.32 0.00	46.89 1.41 0.00	48.39 1.62 0.00	50.05 2.31 0.00	54.21 2.87 0.01	46.63 2.82 0.01	37.61 2.84 -1.04	37.46 2.90 0.00	42.94 2.85 0.00	36.83 2.20 0.00	36.06 1.80 0.00	37.93 1.40 0.00	51.67 2.11 0.00	48.30 2.12 0.00	140.65 6.23 0.00	70.55 3.66 0.00	64.67 3.38 0.01	122.90 7.23 0.01	64.53 3.65 0.01	52.89 2.75 0.01	49.53 2.39 0.01
ASTORIA___2 24149	46.85 2.08 0.00	46.04 1.77 0.00	46.37 1.54 0.00	40.17 1.26 0.00	46.82 1.34 0.00	48.32 1.55 0.00	49.98 2.23 0.00	54.12 2.78 0.01	46.57 2.75 0.01	37.54 2.78 -1.04	37.38 2.83 0.00	42.87 2.78 0.00	36.77 2.14 0.00	36.00 1.74 0.00	37.88 1.35 0.00	51.59 2.03 0.00	48.21 2.03 0.00	140.47 6.05 0.00	70.45 3.56 0.00	64.56 3.27 0.01	122.68 7.00 0.01	64.42 3.53 0.01	52.80 2.66 0.01	49.47 2.33 0.01
ASTORIA___3 23516	46.86 2.09 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.96 1.48 0.00	48.46 1.70 0.00	50.13 2.38 0.00	54.27 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.18 0.00	36.01 1.75 0.00	38.07 1.53 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.83 6.41 0.00	70.53 3.64 0.00	64.67 3.38 0.00	122.80 7.12 0.00	64.50 3.61 0.00	52.89 2.73 0.00	49.53 2.39 0.00
ASTORIA___4 23517	46.86 2.08 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.97 1.50 0.00	48.47 1.70 0.00	50.13 2.38 0.00	54.28 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.17 0.00	36.01 1.74 0.00	38.07 1.54 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.80 6.38 0.00	70.53 3.63 0.00	64.68 3.38 0.00	122.80 7.12 0.00	64.51 3.62 0.00	52.89 2.73 0.00	49.52 2.37 0.00
ASTORIA___5 23518	46.86 2.09 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.96 1.48 0.00	48.46 1.70 0.00	50.13 2.38 0.00	54.27 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.18 0.00	36.01 1.75 0.00	38.07 1.53 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.83 6.41 0.00	70.53 3.64 0.00	64.67 3.38 0.00	122.80 7.12 0.00	64.50 3.61 0.00	52.89 2.73 0.00	49.53 2.39 0.00
AST_ENERGY_2_CC3 323677	46.87 2.09 0.00	46.09 1.81 0.00	46.51 1.69 0.00	40.30 1.40 0.00	46.98 1.51 0.00	48.51 1.74 0.00	50.16 2.41 0.00	54.33 2.98 0.00	46.72 2.90 0.00	37.60 2.83 -1.04	37.49 2.92 0.00	42.99 2.90 0.00	36.83 2.19 0.00	35.95 1.68 0.00	38.05 1.53 0.01	51.67 2.11 0.00	48.26 2.09 0.00	141.01 6.59 0.00	70.59 3.70 0.00	64.70 3.41 0.00	122.82 7.14 0.00	64.55 3.66 0.00	52.93 2.78 0.00	49.58 2.43 0.00
AST_ENERGY_2_CC4 323678	46.87 2.09 0.00	46.09 1.81 0.00	46.51 1.69 0.00	40.30 1.40 0.00	46.98 1.51 0.00	48.51 1.74 0.00	50.16 2.41 0.00	54.33 2.98 0.00	46.72 2.90 0.00	37.60 2.83 -1.04	37.49 2.92 0.00	42.99 2.90 0.00	36.83 2.19 0.00	35.95 1.68 0.00	38.05 1.53 0.01	51.67 2.11 0.00	48.26 2.09 0.00	141.01 6.59 0.00	70.59 3.70 0.00	64.70 3.41 0.00	122.82 7.14 0.00	64.55 3.66 0.00	52.93 2.78 0.00	49.58 2.43 0.00

ATHENS_STG_1 23668	46.05 1.27 0.00	45.34 1.06 0.00	45.83 1.00 0.00	39.78 0.87 0.00	46.41 0.94 0.00	47.85 1.08 0.00	49.31 1.56 0.00	53.21 1.86 0.00	45.53 1.71 0.00	36.44 1.63 -1.10	36.19 1.62 0.00	41.63 1.53 0.00	35.67 1.04 0.00	35.20 0.93 0.00	37.42 0.88 0.00	50.81 1.25 0.00	47.39 1.22 0.00	138.26 3.84 0.00	69.05 2.16 0.00	63.38 2.09 0.00	119.82 4.14 0.00	63.04 2.15 0.00	51.85 1.70 0.00	48.69 1.54 0.00
ATHENS_STG_2 23670	46.05 1.27 0.00	45.34 1.06 0.00	45.83 1.00 0.00	39.78 0.87 0.00	46.41 0.94 0.00	47.85 1.08 0.00	49.31 1.56 0.00	53.21 1.86 0.00	45.53 1.71 0.00	36.44 1.63 -1.10	36.19 1.62 0.00	41.63 1.53 0.00	35.67 1.04 0.00	35.20 0.93 0.00	37.42 0.88 0.00	50.81 1.25 0.00	47.39 1.22 0.00	138.26 3.84 0.00	69.05 2.16 0.00	63.38 2.09 0.00	119.82 4.14 0.00	63.04 2.15 0.00	51.85 1.70 0.00	48.69 1.54 0.00
ATHENS_STG_3 23677	46.05 1.27 0.00	45.34 1.06 0.00	45.83 1.00 0.00	39.78 0.87 0.00	46.41 0.94 0.00	47.85 1.08 0.00	49.31 1.56 0.00	53.21 1.86 0.00	45.53 1.71 0.00	36.44 1.63 -1.10	36.19 1.62 0.00	41.63 1.53 0.00	35.67 1.04 0.00	35.20 0.93 0.00	37.42 0.88 0.00	50.81 1.25 0.00	47.39 1.22 0.00	138.26 3.84 0.00	69.05 2.16 0.00	63.38 2.09 0.00	119.82 4.14 0.00	63.04 2.15 0.00	51.85 1.70 0.00	48.69 1.54 0.00
AUBURN___LFGE 323710	44.46 -0.21 0.10	43.64 -0.13 0.51	44.73 -0.10 0.00	38.81 -0.10 0.00	45.45 -0.02 0.00	46.92 0.15 0.00	48.25 0.50 0.00	51.50 0.15 0.00	43.66 -0.16 0.00	33.82 -0.04 -0.13	34.27 -0.29 0.00	38.16 -0.59 1.35	33.86 -0.46 0.32	33.82 -0.45 0.00	36.26 -0.28 0.00	49.12 -0.44 0.00	45.82 -0.36 0.00	129.99 -1.07 3.37	66.65 -0.46 -0.21	61.06 -0.24 0.00	115.04 -0.64 0.00	60.80 -0.09 0.00	49.96 -0.19 0.00	46.95 -0.20 0.00
BABYLON_RES_REC 323704	47.30 2.52 0.00	46.31 2.03 0.00	46.72 1.90 0.00	40.55 1.64 0.00	47.10 1.63 0.00	48.71 1.95 0.00	50.41 2.66 0.00	54.27 2.92 0.00	51.13 3.20 -4.11	55.25 2.98 -18.55	59.60 3.00 -22.03	53.78 3.04 -10.65	47.63 2.40 -10.60	41.87 1.98 -5.63	40.41 1.92 -1.94	51.85 2.29 0.00	51.54 2.50 -2.87	140.31 5.89 0.00	70.01 3.11 0.00	64.64 3.34 0.00	122.06 6.38 0.00	64.35 3.45 0.00	53.23 3.00 -0.08	50.40 2.72 -0.53
BALL_HILL_WT_PWR 323825	41.85 -2.54 0.38	40.10 -2.25 1.93	42.40 -2.42 0.00	36.75 -2.16 0.00	43.50 -1.98 0.00	45.32 -1.45 0.00	47.07 -0.68 0.00	50.21 -1.13 0.00	42.60 -1.23 0.00	33.03 -0.84 -0.15	33.54 -1.02 0.00	32.95 -1.99 5.15	31.87 -1.54 1.23	32.95 -1.32 0.00	35.13 -1.41 0.00	47.41 -2.15 0.00	43.77 -2.41 0.00	106.43 -8.47 19.52	61.25 -3.83 1.82	58.84 -2.45 0.00	110.06 -5.62 0.00	58.41 -2.48 0.00	48.26 -1.89 0.00	45.33 -1.81 0.00
BARON_WINDS___WT_PWR 323822	42.02 -2.19 0.57	39.12 -2.27 2.89	42.25 -2.57 0.00	36.44 -2.47 0.00	43.18 -2.29 0.00	44.92 -1.85 0.00	46.64 -1.11 0.00	49.85 -1.49 0.00	42.06 -1.76 0.00	32.38 -1.53 -0.19	32.65 -1.91 0.00	29.46 -2.90 7.73	30.33 -2.47 1.84	32.01 -2.26 0.00	34.30 -2.24 0.00	46.54 -3.02 0.00	43.19 -2.99 0.00	94.98 -9.47 29.96	53.86 -3.97 9.06	59.08 -2.22 0.00	110.26 -5.42 0.00	58.48 -2.41 0.00	48.12 -2.03 0.00	45.26 -1.89 0.00
BARRETT_IC_1 23704	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_10 23701	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_11 23702	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_12 23703	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_2 23705	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_3 23706	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_4 23707	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_5 23708	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51

BARRETT_IC_6 23709	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_7 23710	47.08 2.30 0.00	46.12 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.04 1.57 0.00	48.60 1.84 0.00	50.25 2.50 0.00	53.93 2.58 0.00	50.65 2.93 -3.90	54.22 2.84 -17.66	58.30 2.83 -20.91	53.03 2.83 -10.11	46.93 2.24 -10.06	41.48 1.87 -5.34	40.21 1.83 -1.85	51.83 2.27 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.64 2.74 0.00	64.41 3.12 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.17 2.52 -0.51
BARRETT_IC_8 23711	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT_IC_9 23700	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT___1 23545	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BARRETT___2 23546	47.08 2.30 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.49 1.58 0.00	47.03 1.56 0.00	48.59 1.83 0.00	50.25 2.50 0.00	53.92 2.58 0.00	50.66 2.93 -3.90	54.21 2.83 -17.66	58.28 2.82 -20.91	53.02 2.82 -10.11	46.93 2.23 -10.06	41.47 1.87 -5.34	40.21 1.83 -1.85	51.84 2.28 0.00	51.15 2.26 -2.72	139.49 5.08 0.00	69.65 2.75 0.00	64.41 3.11 0.00	121.38 5.70 0.00	64.05 3.16 0.00	53.00 2.77 -0.08	50.18 2.53 -0.51
BATAVIA___115KV_TB1 55881	42.71 -1.79 0.27	41.35 -1.53 1.41	43.06 -1.76 0.00	37.37 -1.53 0.00	44.20 -1.28 0.00	46.01 -0.76 0.00	47.58 -0.17 0.00	50.51 -0.83 0.00	42.44 -1.39 0.00	32.88 -0.98 -0.13	33.35 -1.22 0.00	34.35 -1.99 3.75	32.35 -1.40 0.89	33.10 -1.17 0.00	35.41 -1.13 0.00	48.44 -1.12 0.00	44.93 -1.25 0.00	115.84 -4.76 13.81	63.55 -2.38 0.97	59.84 -1.45 0.00	112.40 -3.28 0.00	59.52 -1.37 0.00	49.22 -0.93 0.00	46.06 -1.08 0.00
BAYONEEC___CTG1 323682	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG10 323750	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG2 323683	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG3 323684	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG4 323685	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG5 323686	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG6 323687	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG7 323688	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00

BAYONEEC___CTG8 323689	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYONEEC___CTG9 323749	46.94 2.17 0.00	46.16 1.89 0.00	46.60 1.77 0.00	40.36 1.46 0.00	47.05 1.57 0.00	48.58 1.82 0.00	50.26 2.51 0.00	54.43 3.08 0.00	46.79 2.97 0.00	37.65 2.88 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.87 2.23 0.00	36.05 1.78 0.00	38.17 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.19 6.78 0.00	70.70 3.80 0.00	64.86 3.56 0.00	123.01 7.32 0.00	64.64 3.75 0.00	53.00 2.85 0.00	49.65 2.51 0.00
BAYPORT_69_KV_BK 2 356364	47.58 2.80 0.00	46.53 2.25 0.00	46.94 2.12 0.00	40.78 1.87 0.00	47.32 1.84 0.00	48.98 2.21 0.00	50.72 2.97 0.00	54.56 3.21 0.00	51.10 3.52 -3.76	54.01 3.24 -17.05	57.98 3.27 -20.14	53.22 3.39 -9.74	46.99 2.67 -9.69	41.64 2.22 -5.14	40.45 2.14 -1.78	52.24 2.68 0.00	51.68 2.88 -2.62	141.44 7.03 0.00	70.51 3.61 0.00	65.20 3.90 0.00	123.07 7.39 0.00	64.81 3.92 0.00	53.73 3.50 -0.07	50.65 3.02 -0.49
BEACON___LESR 323632	45.68 0.91 0.00	45.06 0.78 0.00	45.56 0.74 0.00	39.67 0.76 0.00	46.19 0.71 0.00	47.64 0.88 0.00	49.09 1.34 0.00	53.01 1.66 0.00	45.33 1.51 0.00	36.28 1.37 -1.19	35.90 1.34 0.00	41.28 1.19 0.00	35.33 0.69 0.00	34.91 0.65 0.00	37.16 0.62 0.00	50.54 0.98 0.00	47.00 0.82 0.00	137.24 2.82 0.00	68.55 1.65 0.00	63.02 1.73 0.00	119.04 3.36 0.00	62.66 1.77 0.00	51.57 1.42 0.00	48.40 1.25 0.00
BEAVER RIVER___HYD 24048	44.40 -0.38 0.00	43.82 -0.45 0.00	44.31 -0.52 0.00	38.41 -0.50 0.00	44.39 -1.09 0.00	45.73 -1.03 0.00	46.85 -0.90 0.00	50.18 -1.17 0.00	42.51 -1.32 0.00	32.11 -1.66 -0.05	32.46 -2.10 0.00	38.07 -2.03 0.00	33.07 -1.57 0.00	32.52 -1.75 0.00	34.62 -1.91 0.00	47.18 -2.38 0.00	44.08 -2.10 0.00	128.49 -5.93 0.00	64.62 -2.28 0.00	59.63 -1.67 0.00	113.50 -2.18 0.00	59.62 -1.27 0.00	48.84 -1.32 0.00	45.66 -1.49 0.00
BEEBEE_GT_13 23619	43.31 -1.27 0.19	42.14 -1.17 0.97	43.55 -1.27 0.00	37.78 -1.12 0.00	44.47 -1.00 0.00	46.09 -0.67 0.00	47.49 -0.26 0.00	50.73 -0.61 0.00	43.00 -0.82 0.00	33.39 -0.45 -0.11	33.95 -0.61 0.00	36.40 -1.10 2.59	33.22 -0.80 0.62	33.59 -0.68 0.00	35.94 -0.60 0.00	48.76 -0.80 0.00	45.38 -0.80 0.00	122.45 -2.88 9.09	65.40 -1.49 0.00	60.27 -1.02 0.00	113.43 -2.25 0.00	59.84 -1.05 0.00	49.32 -0.83 0.00	46.23 -0.91 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.42 2.64 0.00	46.59 2.31 0.00	46.90 2.08 0.00	40.63 1.72 0.00	47.37 1.89 0.00	48.89 2.12 0.00	50.60 2.86 0.00	54.81 3.47 0.00	47.14 3.32 0.00	37.95 3.18 -1.04	37.82 3.26 0.00	43.38 3.29 0.00	37.12 2.49 0.00	36.33 2.06 0.00	38.42 1.88 0.00	52.17 2.61 0.00	48.71 2.53 0.00	142.12 7.71 0.00	71.25 4.36 0.00	65.38 4.09 0.00	124.14 8.46 0.00	65.18 4.29 0.00	53.45 3.30 0.00	50.04 2.89 0.00
BETHLEHEM___GRP 23843	45.11 0.34 0.00	44.47 0.19 0.00	44.97 0.14 0.00	39.18 0.27 0.00	45.58 0.10 0.00	46.96 0.20 0.00	48.38 0.63 0.00	52.22 0.88 0.00	44.67 0.85 0.00	35.76 0.85 -1.19	35.39 0.83 0.00	40.73 0.64 0.00	34.90 0.26 0.00	34.53 0.26 0.00	36.76 0.22 0.00	50.00 0.43 0.00	46.51 0.34 0.00	135.49 1.08 0.00	67.58 0.69 0.00	62.04 0.75 0.00	117.23 1.55 0.00	61.70 0.81 0.00	50.80 0.65 0.00	47.70 0.55 0.00
BETHLEHEM___GS1 323560	45.11 0.34 0.00	44.47 0.19 0.00	44.97 0.14 0.00	39.18 0.27 0.00	45.57 0.10 0.00	46.97 0.21 0.00	48.38 0.63 0.00	52.22 0.88 0.00	44.67 0.85 0.00	35.76 0.85 -1.19	35.39 0.83 0.00	40.73 0.64 0.00	34.90 0.26 0.00	34.54 0.27 0.00	36.76 0.22 0.00	50.00 0.43 0.00	46.51 0.33 0.00	135.50 1.08 0.00	67.58 0.69 0.00	62.04 0.75 0.00	117.23 1.55 0.00	61.70 0.81 0.00	50.80 0.65 0.00	47.71 0.56 0.00
BETHLEHEM___GS2 323561	45.11 0.34 0.00	44.47 0.19 0.00	44.97 0.14 0.00	39.18 0.27 0.00	45.57 0.10 0.00	46.97 0.21 0.00	48.38 0.63 0.00	52.22 0.88 0.00	44.67 0.85 0.00	35.76 0.85 -1.19	35.39 0.83 0.00	40.73 0.64 0.00	34.90 0.26 0.00	34.54 0.27 0.00	36.76 0.22 0.00	50.00 0.43 0.00	46.51 0.33 0.00	135.50 1.08 0.00	67.58 0.69 0.00	62.04 0.75 0.00	117.23 1.55 0.00	61.70 0.81 0.00	50.80 0.65 0.00	47.71 0.56 0.00
BETHLEHEM___GS3 323562	45.11 0.34 0.00	44.47 0.19 0.00	44.97 0.14 0.00	39.18 0.27 0.00	45.57 0.10 0.00	46.97 0.21 0.00	48.38 0.63 0.00	52.22 0.88 0.00	44.67 0.85 0.00	35.76 0.85 -1.19	35.39 0.83 0.00	40.73 0.64 0.00	34.90 0.26 0.00	34.54 0.27 0.00	36.76 0.22 0.00	50.00 0.43 0.00	46.51 0.33 0.00	135.50 1.08 0.00	67.58 0.69 0.00	62.04 0.75 0.00	117.23 1.55 0.00	61.70 0.81 0.00	50.80 0.65 0.00	47.71 0.56 0.00
BETHLEHEM___STEEL 23779	41.58 -2.82 0.37	39.87 -2.53 1.88	42.04 -2.78 0.00	36.46 -2.45 0.00	43.18 -2.30 0.00	45.00 -1.76 0.00	46.68 -1.07 0.00	49.75 -1.60 0.00	42.22 -1.60 0.00	32.81 -1.06 -0.15	33.30 -1.26 0.00	32.89 -2.19 5.01	31.82 -1.62 1.19	32.85 -1.42 0.00	35.08 -1.46 0.00	47.36 -2.20 0.00	43.80 -2.38 0.00	107.06 -8.40 18.96	61.04 -4.08 1.78	58.44 -2.85 0.00	109.39 -6.29 0.00	58.07 -2.82 0.00	48.06 -2.09 0.00	45.07 -2.08 0.00
BETHLHEM_115KV_TB1 79974	45.24 0.46 0.00	44.60 0.32 0.00	45.10 0.28 0.00	39.27 0.36 0.00	45.71 0.23 0.00	47.10 0.34 0.00	48.50 0.75 0.00	52.36 1.01 0.00	44.77 0.95 0.00	35.84 0.94 -1.18	35.46 0.90 0.00	40.83 0.73 0.00	34.98 0.35 0.00	34.61 0.34 0.00	36.84 0.31 0.00	50.10 0.54 0.00	46.61 0.44 0.00	135.84 1.42 0.00	67.75 0.85 0.00	62.19 0.90 0.00	117.52 1.84 0.00	61.88 0.99 0.00	50.94 0.79 0.00	47.83 0.68 0.00
BETHPAGE_CC_5 323564	47.19 2.42 0.00	46.22 1.94 0.00	46.65 1.82 0.00	40.48 1.57 0.00	47.05 1.57 0.00	48.64 1.87 0.00	50.30 2.55 0.00	54.16 2.82 0.00	51.26 3.11 -4.33	56.15 2.92 -19.50	60.73 2.94 -23.23	54.27 2.94 -11.23	48.14 2.33 -11.18	42.13 1.93 -5.93	40.45 1.86 -2.05	51.84 2.28 0.00	51.60 2.41 -3.02	140.19 5.78 0.00	69.91 3.01 0.00	64.47 3.17 0.00	121.86 6.18 0.00	64.38 3.49 0.00	53.15 2.91 -0.08	50.34 2.63 -0.56
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.65 -2.76 0.37	39.89 -2.48 1.91	42.09 -2.73 0.00	36.51 -2.39 0.00	43.24 -2.23 0.00	45.05 -1.71 0.00	46.74 -1.01 0.00	49.80 -1.55 0.00	42.28 -1.54 0.00	32.87 -1.01 -0.15	33.34 -1.22 0.00	32.85 -2.14 5.10	31.83 -1.59 1.21	32.87 -1.40 0.00	35.10 -1.43 0.00	47.41 -2.15 0.00	43.83 -2.34 0.00	106.86 -8.24 19.32	61.23 -3.97 1.69	58.54 -2.76 0.00	109.57 -6.11 0.00	58.18 -2.72 0.00	48.12 -2.03 0.00	45.11 -2.03 0.00

BINGHAMTON___COGEN 23790	45.23 0.11 -0.34	46.03 0.00 -1.74	44.79 -0.03 0.00	38.86 -0.05 0.00	45.49 0.02 0.00	46.94 0.17 0.00	48.42 0.67 0.00	51.99 0.64 0.00	44.20 0.38 0.00	34.42 0.36 -0.34	34.83 0.26 0.00	44.90 0.00 -4.81	35.70 -0.08 -1.14	33.88 -0.39 0.00	36.07 -0.47 0.00	49.02 -0.54 0.00	45.69 -0.48 0.00	159.97 -1.66 -27.22	66.23 -0.66 0.00	61.03 -0.26 0.00	114.71 -0.97 0.00	60.32 -0.57 0.00	49.53 -0.62 0.00	46.56 -0.59 0.00
BIXINCNT_115KV_LOAD 355685	42.09 -2.28 0.40	40.08 -2.13 2.06	42.49 -2.34 0.00	36.93 -1.98 0.00	43.78 -1.70 0.00	45.50 -1.27 0.00	47.33 -0.42 0.00	50.36 -0.98 0.00	42.69 -1.14 0.00	33.13 -0.75 -0.16	33.54 -1.01 0.00	32.58 -2.01 5.51	31.68 -1.64 1.31	32.61 -1.66 0.00	34.87 -1.67 0.00	47.30 -2.26 0.00	43.73 -2.45 0.00	105.18 -8.26 20.98	61.91 -3.79 1.19	58.91 -2.38 0.00	110.69 -4.99 0.00	58.70 -2.19 0.00	48.49 -1.66 0.00	45.39 -1.76 0.00
BLACK RIVER___HYD 24047	44.31 -0.47 0.00	43.70 -0.58 0.00	44.16 -0.66 0.00	38.27 -0.64 0.00	44.25 -1.23 0.00	45.73 -1.04 0.00	46.94 -0.81 0.00	50.25 -1.09 0.00	42.48 -1.34 0.00	32.07 -1.71 -0.06	32.28 -2.28 0.00	37.73 -2.37 0.00	32.84 -1.80 0.00	32.16 -2.11 0.00	34.31 -2.23 0.00	46.92 -2.64 0.00	43.75 -2.43 0.00	127.96 -6.46 0.00	64.60 -2.30 0.00	59.76 -1.53 0.00	113.84 -1.84 0.00	59.69 -1.20 0.00	48.71 -1.44 0.00	45.51 -1.64 0.00
BLACKRVR_115KV_TB2 79977	44.31 -0.46 0.00	43.70 -0.58 0.00	44.16 -0.66 0.00	38.27 -0.64 0.00	44.25 -1.23 0.00	45.73 -1.04 0.00	46.94 -0.81 0.00	50.25 -1.09 0.00	42.48 -1.34 0.00	32.07 -1.71 -0.06	32.28 -2.28 0.00	37.72 -2.37 0.00	32.84 -1.80 0.00	32.16 -2.11 0.00	34.31 -2.23 0.00	46.93 -2.64 0.00	43.75 -2.43 0.00	127.95 -6.46 0.00	64.60 -2.30 0.00	59.76 -1.53 0.00	113.83 -1.85 0.00	59.70 -1.20 0.00	48.72 -1.44 0.00	45.51 -1.64 0.00
BLISS_WT_PWR 323608	42.07 -2.30 0.40	40.03 -2.18 2.06	42.45 -2.37 0.00	36.91 -1.99 0.00	43.77 -1.71 0.00	45.47 -1.29 0.00	47.34 -0.41 0.00	50.38 -0.97 0.00	42.68 -1.14 0.00	33.12 -0.76 -0.16	33.51 -1.05 0.00	32.49 -2.09 5.51	31.59 -1.74 1.31	32.46 -1.80 0.00	34.74 -1.80 0.00	47.21 -2.35 0.00	43.65 -2.52 0.00	104.93 -8.51 20.98	61.77 -3.94 1.19	58.86 -2.43 0.00	110.72 -4.95 0.00	58.68 -2.21 0.00	48.48 -1.67 0.00	45.37 -1.77 0.00
BLUESTONE___WT_PWR 323821	47.01 2.10 -0.14	46.39 1.41 -0.70	46.30 1.48 0.00	39.95 1.04 0.00	46.89 1.41 0.00	48.21 1.45 0.00	50.55 2.80 0.00	54.24 2.90 0.00	45.93 2.11 0.00	35.68 1.52 -0.44	35.68 1.12 0.00	43.21 0.84 -2.27	35.73 0.56 -0.54	34.75 0.48 0.00	37.36 0.82 0.00	51.22 1.66 0.00	47.99 1.82 0.00	152.19 4.73 -13.05	69.82 2.93 0.00	64.73 3.44 0.00	122.10 6.42 0.00	63.11 2.22 0.00	51.56 1.41 0.00	48.44 1.30 0.00
BLUE_CIRC_CHEM_DRP 24182	45.79 1.01 0.00	45.15 0.87 0.00	45.67 0.85 0.00	39.72 0.82 0.00	46.33 0.85 0.00	47.74 0.98 0.00	49.10 1.35 0.00	52.94 1.60 0.00	45.20 1.38 0.00	36.09 1.20 -1.17	35.69 1.13 0.00	41.10 1.00 0.00	35.20 0.56 0.00	34.84 0.58 0.00	37.10 0.56 0.00	50.41 0.85 0.00	46.93 0.75 0.00	136.63 2.22 0.00	68.32 1.42 0.00	62.89 1.60 0.00	118.77 3.09 0.00	62.58 1.68 0.00	51.54 1.39 0.00	48.43 1.28 0.00
BOC_GAS_DRP 24189	45.54 0.76 0.00	44.90 0.62 0.00	45.42 0.59 0.00	39.48 0.57 0.00	46.03 0.56 0.00	47.43 0.67 0.00	48.79 1.04 0.00	52.61 1.27 0.00	44.99 1.16 0.00	36.00 1.10 -1.18	35.65 1.09 0.00	41.07 0.97 0.00	35.23 0.59 0.00	34.84 0.57 0.00	37.07 0.53 0.00	50.37 0.81 0.00	46.92 0.74 0.00	136.72 2.30 0.00	68.19 1.29 0.00	62.57 1.28 0.00	118.22 2.54 0.00	62.25 1.35 0.00	51.23 1.08 0.00	48.13 0.98 0.00
BOONVILLE_115KV_TB1 79983	45.52 0.74 0.00	44.89 0.61 0.00	45.40 0.58 0.00	39.37 0.47 0.00	45.72 0.25 0.00	47.16 0.40 0.00	48.40 0.65 0.00	51.94 0.60 0.00	44.11 0.29 0.00	33.65 -0.12 -0.05	34.21 -0.35 0.00	39.68 -0.42 0.00	34.27 -0.37 0.00	33.87 -0.40 0.00	36.09 -0.45 0.00	49.28 -0.28 0.00	46.02 -0.16 0.00	134.10 -0.32 0.00	67.17 0.28 0.00	61.90 0.60 0.00	117.44 1.76 0.00	61.71 0.82 0.00	50.55 0.39 0.00	47.31 0.17 0.00
BORALEX_4TH_BRANCH 23824	46.77 2.00 0.00	46.13 1.85 0.00	46.65 1.83 0.00	40.50 1.60 0.00	47.30 1.83 0.00	48.75 1.98 0.00	49.64 1.89 0.00	53.09 1.75 0.00	45.35 1.53 0.00	36.29 1.36 -1.20	35.91 1.34 0.00	41.30 1.21 0.00	35.64 1.00 0.00	35.72 1.45 0.00	38.02 1.49 0.00	51.83 2.27 0.00	47.97 1.79 0.00	139.83 5.42 0.00	69.38 2.49 0.00	63.79 2.49 0.00	120.60 4.92 0.00	63.61 2.72 0.00	52.51 2.36 0.00	49.46 2.31 0.00
BOWLINE___1 23526	46.70 1.93 0.00	45.88 1.60 0.00	46.29 1.47 0.00	40.12 1.21 0.00	46.78 1.30 0.00	48.28 1.52 0.00	49.94 2.19 0.00	54.03 2.68 0.00	46.33 2.50 0.00	37.14 2.40 -1.03	36.98 2.43 0.00	42.44 2.34 0.00	36.37 1.73 0.00	35.73 1.47 0.00	37.89 1.36 0.00	51.38 1.82 0.00	47.98 1.81 0.00	140.00 5.58 0.00	70.10 3.20 0.00	64.40 3.11 0.00	121.98 6.30 0.00	64.08 3.19 0.00	52.58 2.43 0.00	49.29 2.15 0.00
BOWLINE___2 23595	46.70 1.93 0.00	45.88 1.60 0.00	46.29 1.47 0.00	40.12 1.21 0.00	46.78 1.30 0.00	48.28 1.52 0.00	49.94 2.19 0.00	54.03 2.68 0.00	46.33 2.50 0.00	37.14 2.40 -1.03	36.98 2.43 0.00	42.44 2.34 0.00	36.37 1.73 0.00	35.73 1.47 0.00	37.89 1.36 0.00	51.38 1.82 0.00	47.98 1.81 0.00	140.00 5.58 0.00	70.10 3.20 0.00	64.41 3.11 0.00	121.98 6.30 0.00	64.08 3.19 0.00	52.58 2.43 0.00	49.29 2.15 0.00
BRADY___115KV_TB2 356060	45.05 0.27 0.00	44.73 0.46 0.00	45.27 0.45 0.00	39.26 0.35 0.00	45.95 0.48 0.00	47.18 0.41 0.00	47.71 -0.04 0.00	51.20 -0.14 0.00	43.79 -0.03 0.00	32.97 -0.76 0.00	33.71 -0.85 0.00	39.67 -0.43 0.00	34.41 -0.23 0.00	34.09 -0.18 0.00	36.45 -0.09 0.00	49.21 -0.35 0.00	46.14 -0.03 0.00	133.67 -0.74 0.00	66.68 -0.21 0.00	61.16 -0.13 0.00	115.46 -0.22 0.00	60.94 0.05 0.00	50.15 0.00 0.00	47.17 0.03 0.00
BRANSCOMB___SOLAR 323811	46.44 1.66 0.00	45.76 1.48 0.00	46.30 1.48 0.00	40.19 1.29 0.00	46.97 1.49 0.00	48.43 1.66 0.00	50.08 2.33 0.00	53.93 2.59 0.00	46.00 2.18 0.00	36.71 1.78 -1.21	36.30 1.74 0.00	41.70 1.60 0.00	35.59 0.95 0.00	35.24 0.97 0.00	37.50 0.96 0.00	50.97 1.41 0.00	47.50 1.32 0.00	139.03 4.61 0.00	69.67 2.78 0.00	64.36 3.07 0.00	121.66 5.98 0.00	64.18 3.29 0.00	52.74 2.59 0.00	49.52 2.37 0.00
BRDGHMPT_69_KV_BK1 55812	46.71 1.94 0.00	45.71 1.44 0.00	46.19 1.37 0.00	40.02 1.11 0.00	46.58 1.10 0.00	48.52 1.76 0.00	50.57 2.82 0.00	54.43 3.08 0.00	50.97 3.45 -3.70	53.63 3.10 -16.81	57.82 3.42 -19.84	53.32 3.63 -9.59	47.11 2.93 -9.55	41.57 2.24 -5.07	40.35 2.06 -1.75	52.50 2.94 0.00	52.50 3.75 -2.58	144.32 9.91 0.00	72.22 5.32 0.00	66.88 5.58 0.00	125.25 9.57 0.00	66.00 5.11 0.00	54.92 4.70 -0.07	51.48 3.86 -0.48

BRENTWOD_69_KV_W. BRTWOOD 56703	47.47 2.69 0.00	46.46 2.18 0.00	46.88 2.05 0.00	40.69 1.78 0.00	47.26 1.78 0.00	48.88 2.12 0.00	50.57 2.82 0.00	54.42 3.07 0.00	50.96 3.37 -3.78	53.96 3.11 -17.13	57.90 3.09 -20.25	53.01 3.13 -9.79	46.89 2.51 -9.74	41.57 2.13 -5.17	40.40 2.08 -1.79	52.10 2.54 0.00	51.53 2.73 -2.63	140.71 6.29 0.00	70.12 3.22 0.00	64.80 3.50 0.00	122.14 6.46 0.00	64.33 3.44 0.00	53.36 3.13 -0.07	50.46 2.82 -0.49
BRISTLHL_115KV_TB1 79998	43.41 -1.37 0.00	42.90 -1.38 0.00	43.47 -1.35 0.00	37.73 -1.17 0.00	44.13 -1.35 0.00	45.48 -1.28 0.00	46.64 -1.11 0.00	50.10 -1.24 0.00	42.66 -1.17 0.00	33.02 -0.79 -0.09	33.65 -0.91 0.00	38.86 -1.23 0.00	33.56 -1.08 0.00	33.16 -1.11 0.00	35.35 -1.19 0.00	48.01 -1.55 0.00	44.73 -1.44 0.00	130.10 -4.32 0.00	64.69 -2.20 0.00	59.34 -1.96 0.00	111.97 -3.72 0.00	58.95 -1.94 0.00	48.48 -1.67 0.00	45.56 -1.59 0.00
BROOKHAVEN___DRP 24191	47.15 2.37 0.00	46.14 1.86 0.00	46.55 1.73 0.00	40.44 1.53 0.00	46.92 1.44 0.00	48.59 1.82 0.00	50.33 2.58 0.00	54.14 2.79 0.00	50.62 3.09 -3.70	53.43 2.90 -16.80	57.35 2.96 -19.83	52.73 3.05 -9.59	46.52 2.34 -9.54	41.20 1.86 -5.06	40.11 1.82 -1.75	51.81 2.24 0.00	51.32 2.57 -2.58	140.47 6.05 0.00	70.00 3.11 0.00	64.73 3.43 0.00	122.04 6.36 0.00	64.29 3.40 0.00	53.40 3.17 -0.07	50.25 2.62 -0.48
BROOKLYN_NAVY_YARD 23515	46.80 2.02 0.00	46.01 1.74 0.00	46.44 1.62 0.00	40.23 1.33 0.00	46.90 1.43 0.00	48.42 1.66 0.00	50.08 2.33 0.00	54.25 2.91 0.00	46.64 2.82 0.00	37.54 2.78 -1.04	37.45 2.89 0.00	42.94 2.84 0.00	36.79 2.15 0.00	35.98 1.71 0.00	38.06 1.52 0.00	51.63 2.08 0.00	48.20 2.02 0.00	140.81 6.39 0.00	70.48 3.59 0.00	64.63 3.33 0.00	122.69 7.01 0.00	64.49 3.60 0.00	52.84 2.69 0.00	49.51 2.37 0.00
BROOKLYN___ARMY_DRP 323595	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
BROOME_2_LFGE 323671	45.23 0.11 -0.34	46.03 0.00 -1.74	44.79 -0.03 0.00	38.86 -0.05 0.00	45.48 0.01 0.00	46.94 0.17 0.00	48.42 0.67 0.00	51.99 0.64 0.00	44.19 0.37 0.00	34.42 0.35 -0.34	34.83 0.26 0.00	44.90 0.00 -4.81	35.70 -0.08 -1.14	33.87 -0.39 0.00	36.07 -0.47 0.00	49.02 -0.54 0.00	45.70 -0.48 0.00	159.96 -1.68 -27.22	66.23 -0.66 0.00	61.04 -0.26 0.00	114.76 -0.92 0.00	60.32 -0.57 0.00	49.52 -0.63 0.00	46.57 -0.58 0.00
BROOME___LFGE 323600	45.23 0.11 -0.34	46.03 0.00 -1.74	44.79 -0.03 0.00	38.86 -0.05 0.00	45.48 0.01 0.00	46.94 0.17 0.00	48.42 0.67 0.00	51.99 0.64 0.00	44.19 0.37 0.00	34.42 0.35 -0.34	34.83 0.26 0.00	44.90 0.00 -4.81	35.70 -0.08 -1.14	33.87 -0.39 0.00	36.07 -0.47 0.00	49.02 -0.54 0.00	45.70 -0.48 0.00	159.96 -1.68 -27.22	66.23 -0.66 0.00	61.04 -0.26 0.00	114.76 -0.92 0.00	60.32 -0.57 0.00	49.52 -0.63 0.00	46.57 -0.58 0.00
BROWNFLS_115KV_TB_3_5 80003	43.93 -0.85 0.00	43.47 -0.80 0.00	43.97 -0.85 0.00	38.12 -0.78 0.00	44.29 -1.19 0.00	45.55 -1.22 0.00	46.39 -1.36 0.00	49.75 -1.59 0.00	42.34 -1.48 0.00	31.90 -1.86 -0.03	32.40 -2.16 0.00	38.16 -1.93 0.00	33.10 -1.54 0.00	32.65 -1.62 0.00	34.80 -1.73 0.00	47.17 -2.39 0.00	44.09 -2.09 0.00	128.23 -6.18 0.00	64.26 -2.64 0.00	59.07 -2.22 0.00	112.09 -3.59 0.00	59.07 -1.82 0.00	48.56 -1.60 0.00	45.51 -1.64 0.00
BROWNSV1_27_KV_LOAD 356125	47.19 2.41 0.00	46.39 2.11 0.00	46.81 1.99 0.00	40.55 1.64 0.00	47.29 1.81 0.00	48.82 2.06 0.00	50.50 2.75 0.00	54.69 3.35 0.00	47.03 3.21 0.00	37.84 3.07 -1.04	37.75 3.19 0.00	43.28 3.18 0.00	37.06 2.42 0.00	36.23 1.97 0.00	38.36 1.83 0.00	52.05 2.49 0.00	48.61 2.43 0.00	141.98 7.56 0.00	71.10 4.20 0.00	65.23 3.93 0.00	123.72 8.04 0.00	65.01 4.12 0.00	53.31 3.16 0.00	49.91 2.76 0.00
BURROWS___LYONSDAL 23803	45.28 0.50 0.00	44.67 0.39 0.00	45.16 0.33 0.00	39.17 0.26 0.00	45.38 -0.10 0.00	46.83 0.06 0.00	48.04 0.29 0.00	51.53 0.18 0.00	43.72 -0.11 0.00	33.28 -0.49 -0.05	33.76 -0.80 0.00	39.26 -0.84 0.00	33.96 -0.68 0.00	33.53 -0.74 0.00	35.70 -0.84 0.00	48.75 -0.81 0.00	45.54 -0.63 0.00	132.75 -1.67 0.00	66.56 -0.33 0.00	61.35 0.06 0.00	116.56 0.87 0.00	61.23 0.34 0.00	50.12 -0.03 0.00	46.89 -0.26 0.00
CAITHNESS_CC_1 323624	47.09 2.31 0.00	46.09 1.81 0.00	46.50 1.67 0.00	40.39 1.49 0.00	46.86 1.39 0.00	48.51 1.75 0.00	50.24 2.49 0.00	54.03 2.69 0.00	50.55 3.04 -3.70	53.37 2.86 -16.79	57.26 2.88 -19.82	52.65 2.97 -9.58	46.47 2.30 -9.54	41.18 1.85 -5.06	40.09 1.80 -1.75	51.74 2.18 0.00	51.22 2.47 -2.58	140.12 5.71 0.00	69.85 2.96 0.00	64.55 3.26 0.00	121.72 6.05 0.00	64.11 3.22 0.00	53.24 3.01 -0.07	50.18 2.55 -0.48
CALPINE BETH_PAGE_GT4 24209	47.26 2.49 0.00	46.27 1.99 0.00	46.71 1.88 0.00	40.53 1.62 0.00	47.13 1.65 0.00	48.70 1.94 0.00	50.37 2.62 0.00	54.24 2.90 0.00	51.56 3.16 -4.58	57.24 2.96 -20.55	62.10 2.99 -24.55	54.96 2.99 -11.87	48.80 2.36 -11.81	42.51 1.97 -6.27	40.61 1.91 -2.17	51.90 2.34 0.00	51.82 2.45 -3.19	140.38 5.96 0.00	70.04 3.15 0.00	64.60 3.31 0.00	122.10 6.42 0.00	64.43 3.54 0.00	53.22 2.97 -0.09	50.41 2.68 -0.59
CALPINE_BETH_PAGE_GT_4 323586	47.25 2.48 0.00	46.28 2.00 0.00	46.71 1.88 0.00	40.53 1.62 0.00	47.12 1.64 0.00	48.71 1.94 0.00	50.37 2.62 0.00	54.24 2.90 0.00	51.56 3.16 -4.58	57.24 2.97 -20.55	62.10 2.99 -24.55	54.96 3.00 -11.87	48.81 2.37 -11.81	42.51 1.98 -6.27	40.61 1.91 -2.17	51.91 2.35 0.00	51.82 2.45 -3.19	140.39 5.97 0.00	70.05 3.16 0.00	64.60 3.31 0.00	122.10 6.42 0.00	64.43 3.54 0.00	53.22 2.97 -0.09	50.43 2.69 -0.59
CALPINE_BP_GT1 23823	47.25 2.48 0.00	46.28 2.00 0.00	46.71 1.88 0.00	40.53 1.62 0.00	47.12 1.64 0.00	48.71 1.94 0.00	50.37 2.62 0.00	54.24 2.90 0.00	51.56 3.16 -4.58	57.24 2.97 -20.55	62.10 2.99 -24.55	54.96 3.00 -11.87	48.81 2.37 -11.81	42.51 1.98 -6.27	40.61 1.91 -2.17	51.91 2.35 0.00	51.82 2.45 -3.19	140.39 5.97 0.00	70.05 3.16 0.00	64.60 3.31 0.00	122.10 6.42 0.00	64.43 3.54 0.00	53.22 2.97 -0.09	50.43 2.69 -0.59
CALSPAN___DRP 24200	41.58 -2.82 0.37	39.87 -2.53 1.88	42.04 -2.78 0.00	36.46 -2.45 0.00	43.18 -2.30 0.00	45.00 -1.76 0.00	46.68 -1.07 0.00	49.75 -1.60 0.00	42.22 -1.60 0.00	32.81 -1.06 -0.15	33.30 -1.26 0.00	32.89 -2.19 5.01	31.82 -1.62 1.19	32.85 -1.42 0.00	35.08 -1.46 0.00	47.36 -2.20 0.00	43.80 -2.38 0.00	107.06 -8.40 18.96	61.04 -4.08 1.78	58.44 -2.85 0.00	109.39 -6.29 0.00	58.07 -2.82 0.00	48.06 -2.09 0.00	45.07 -2.08 0.00

CALVERTON___SOLAR 323806	47.18 2.40 0.00	46.17 1.89 0.00	46.57 1.75 0.00	40.45 1.55 0.00	46.94 1.47 0.00	48.65 1.88 0.00	50.42 2.67 0.00	54.22 2.88 0.00	50.69 3.17 -3.70	53.48 2.96 -16.80	57.44 3.05 -19.83	52.85 3.17 -9.59	46.62 2.44 -9.54	41.25 1.92 -5.06	40.16 1.87 -1.75	51.91 2.34 0.00	51.45 2.70 -2.58	140.93 6.51 0.00	70.27 3.37 0.00	64.98 3.69 0.00	122.43 6.75 0.00	64.49 3.60 0.00	53.59 3.37 -0.07	50.41 2.78 -0.48
CANDIGU_WT_PWR 323617	42.02 -2.19 0.57	39.12 -2.27 2.89	42.25 -2.57 0.00	36.44 -2.47 0.00	43.18 -2.29 0.00	44.92 -1.85 0.00	46.64 -1.11 0.00	49.85 -1.49 0.00	42.06 -1.76 0.00	32.38 -1.53 -0.19	32.65 -1.91 0.00	29.46 -2.90 7.73	30.33 -2.47 1.84	32.01 -2.26 0.00	34.30 -2.24 0.00	46.54 -3.02 0.00	43.19 -2.99 0.00	94.98 -9.47 29.96	53.86 -3.97 9.06	59.08 -2.22 0.00	110.26 -5.42 0.00	58.48 -2.41 0.00	48.12 -2.03 0.00	45.26 -1.89 0.00
CARR STREET_E__SYR 24060	44.11 -0.67 0.00	43.59 -0.69 0.00	44.16 -0.66 0.00	38.32 -0.58 0.00	44.85 -0.63 0.00	46.23 -0.53 0.00	47.46 -0.29 0.00	50.96 -0.38 0.00	43.37 -0.46 0.00	33.58 -0.24 -0.10	34.22 -0.34 0.00	39.51 -0.59 0.00	34.14 -0.50 0.00	33.73 -0.54 0.00	35.97 -0.56 0.00	48.87 -0.69 0.00	45.54 -0.64 0.00	132.43 -1.99 0.00	65.83 -1.07 0.00	60.35 -0.95 0.00	113.82 -1.86 0.00	59.93 -0.96 0.00	49.27 -0.88 0.00	46.30 -0.84 0.00
CARTHAGE___PAPER 23857	44.39 -0.39 0.00	43.81 -0.47 0.00	44.28 -0.54 0.00	38.38 -0.53 0.00	44.37 -1.11 0.00	45.77 -1.00 0.00	46.90 -0.85 0.00	50.23 -1.11 0.00	42.52 -1.30 0.00	32.08 -1.69 -0.05	32.38 -2.18 0.00	37.93 -2.16 0.00	32.98 -1.65 0.00	32.38 -1.89 0.00	34.51 -2.03 0.00	47.10 -2.46 0.00	43.96 -2.22 0.00	128.33 -6.08 0.00	64.65 -2.25 0.00	59.72 -1.58 0.00	113.71 -1.97 0.00	59.69 -1.20 0.00	48.82 -1.33 0.00	45.62 -1.53 0.00
CASSADAGA_WT_PWR 323784	42.33 -2.04 0.40	40.65 -1.60 2.03	43.26 -1.56 0.00	37.42 -1.49 0.00	44.39 -1.08 0.00	46.31 -0.46 0.00	48.19 0.44 0.00	51.51 0.17 0.00	43.71 -0.11 0.00	33.77 -0.11 -0.16	34.25 -0.30 0.00	33.32 -1.35 5.42	32.18 -1.16 1.29	33.28 -0.99 0.00	35.33 -1.21 0.00	47.68 -1.88 0.00	43.98 -2.19 0.00	105.94 -7.87 20.61	62.52 -3.04 1.33	59.95 -1.34 0.00	112.31 -3.37 0.00	59.63 -1.26 0.00	49.17 -0.99 0.00	46.15 -0.99 0.00
CE_DUNWOOD___DRP 24194	46.83 2.05 0.00	46.01 1.73 0.00	46.43 1.61 0.00	40.24 1.33 0.00	46.93 1.46 0.00	48.43 1.66 0.00	50.08 2.33 0.00	54.17 2.83 0.00	46.50 2.68 0.00	37.34 2.57 -1.04	37.18 2.63 0.00	42.66 2.57 0.00	36.55 1.91 0.00	35.86 1.59 0.00	38.01 1.47 0.00	51.56 2.00 0.00	48.15 1.98 0.00	140.49 6.08 0.00	70.33 3.43 0.00	64.58 3.28 0.00	122.38 6.69 0.00	64.31 3.42 0.00	52.77 2.61 0.00	49.45 2.30 0.00
CE_MILLWOOD___DRP 24193	46.75 1.97 0.00	45.96 1.68 0.00	46.38 1.56 0.00	40.20 1.29 0.00	46.88 1.40 0.00	48.38 1.61 0.00	50.02 2.27 0.00	54.09 2.75 0.00	46.43 2.61 0.00	37.26 2.50 -1.04	37.10 2.54 0.00	42.58 2.48 0.00	36.46 1.82 0.00	35.80 1.53 0.00	37.96 1.42 0.00	51.48 1.92 0.00	48.08 1.91 0.00	140.28 5.86 0.00	70.23 3.33 0.00	64.51 3.22 0.00	122.20 6.52 0.00	64.21 3.32 0.00	52.70 2.55 0.00	49.38 2.23 0.00
CE_NYC2_DRP 24202	46.90 2.13 0.00	46.13 1.85 0.00	46.54 1.72 0.00	40.32 1.41 0.00	47.01 1.53 0.00	48.50 1.74 0.00	50.17 2.42 0.00	54.31 2.96 0.00	46.73 2.90 0.00	37.64 2.87 -1.04	37.52 2.96 0.00	43.03 2.94 0.00	36.83 2.20 0.00	36.02 1.76 0.00	38.11 1.57 0.00	51.72 2.16 0.00	48.32 2.15 0.00	140.91 6.49 0.00	70.56 3.67 0.00	64.72 3.42 0.00	122.87 7.19 0.00	64.55 3.66 0.00	52.92 2.77 0.00	49.54 2.39 0.00
CE_NYC_DRP 24195	46.96 2.18 0.00	46.18 1.90 0.00	46.61 1.79 0.00	40.39 1.48 0.00	47.09 1.62 0.00	48.60 1.84 0.00	50.27 2.52 0.00	54.44 3.10 0.00	46.82 3.00 0.00	37.68 2.91 -1.04	37.58 3.02 0.00	43.09 3.00 0.00	36.89 2.26 0.00	36.08 1.81 0.00	38.20 1.67 0.00	51.84 2.28 0.00	48.42 2.24 0.00	141.33 6.91 0.00	70.77 3.87 0.00	64.92 3.63 0.00	123.15 7.47 0.00	64.70 3.81 0.00	53.05 2.90 0.00	49.68 2.54 0.00
CHAFFEE___LFGE 323603	41.56 -2.83 0.39	39.73 -2.58 1.97	42.00 -2.82 0.00	36.43 -2.48 0.00	43.13 -2.34 0.00	44.95 -1.82 0.00	46.65 -1.11 0.00	49.69 -1.65 0.00	42.17 -1.65 0.00	32.77 -1.11 -0.15	33.26 -1.29 0.00	32.57 -2.27 5.26	31.71 -1.68 1.25	32.79 -1.48 0.00	35.03 -1.51 0.00	47.29 -2.27 0.00	43.73 -2.45 0.00	105.87 -8.57 19.97	61.28 -4.14 1.48	58.42 -2.88 0.00	109.33 -6.35 0.00	58.00 -2.89 0.00	47.98 -2.17 0.00	45.02 -2.12 0.00
CHATEAUG_35_KV_LOAD 355732	44.92 0.14 0.00	44.57 0.28 0.00	45.11 0.28 0.00	39.17 0.26 0.00	45.84 0.36 0.00	47.07 0.31 0.00	47.77 0.03 0.00	51.28 -0.06 0.00	43.84 0.02 0.00	33.48 -0.25 0.00	34.29 -0.27 0.00	39.99 -0.11 0.00	34.66 0.02 0.00	34.34 0.07 0.00	36.72 0.18 0.00	49.57 0.01 0.00	46.25 0.07 0.00	134.17 -0.25 0.00	66.88 -0.01 0.00	61.08 -0.21 0.00	115.28 -0.40 0.00	60.82 -0.07 0.00	50.02 -0.13 0.00	47.06 -0.09 0.00
CHATEAUG_WT_PWR 323614	44.89 0.11 0.00	44.53 0.25 0.00	45.10 0.27 0.00	39.13 0.23 0.00	45.81 0.34 0.00	47.03 0.26 0.00	47.74 -0.02 0.00	51.27 -0.07 0.00	43.87 0.05 0.00	33.50 -0.22 0.00	34.31 -0.25 0.00	40.00 -0.10 0.00	34.67 0.03 0.00	34.36 0.09 0.00	36.74 0.20 0.00	49.60 0.04 0.00	46.27 0.09 0.00	134.28 -0.13 0.00	66.92 0.02 0.00	61.06 -0.23 0.00	115.18 -0.50 0.00	60.77 -0.12 0.00	49.98 -0.17 0.00	47.01 -0.14 0.00
CHAT_HIGH_FALL_HYD 323578	44.92 0.14 0.00	44.57 0.28 0.00	45.11 0.28 0.00	39.17 0.26 0.00	45.84 0.36 0.00	47.07 0.31 0.00	47.77 0.03 0.00	51.28 -0.06 0.00	43.84 0.02 0.00	33.48 -0.25 0.00	34.29 -0.27 0.00	39.99 -0.11 0.00	34.66 0.02 0.00	34.34 0.07 0.00	36.72 0.18 0.00	49.57 0.01 0.00	46.25 0.07 0.00	134.17 -0.25 0.00	66.88 -0.01 0.00	61.08 -0.21 0.00	115.28 -0.40 0.00	60.82 -0.07 0.00	50.02 -0.13 0.00	47.06 -0.09 0.00
CHAUTAUQUA___LFGE 323629	42.27 -2.12 0.39	40.51 -1.80 1.97	42.93 -1.89 0.00	37.17 -1.73 0.00	44.02 -1.45 0.00	45.86 -0.90 0.00	47.72 -0.03 0.00	50.92 -0.42 0.00	43.20 -0.62 0.00	33.40 -0.48 -0.15	33.90 -0.66 0.00	33.18 -1.66 5.26	32.06 -1.32 1.25	33.17 -1.10 0.00	35.30 -1.24 0.00	47.62 -1.94 0.00	43.93 -2.25 0.00	106.55 -7.90 19.97	62.07 -3.23 1.60	59.55 -1.74 0.00	111.33 -4.35 0.00	59.13 -1.77 0.00	48.77 -1.38 0.00	45.85 -1.30 0.00
CHERRYST_13_KV_LD 356241	47.07 2.29 0.00	46.30 2.02 0.00	46.72 1.90 0.00	40.47 1.57 0.00	47.20 1.72 0.00	48.73 1.96 0.00	50.40 2.66 0.00	54.59 3.25 0.00	46.94 3.12 0.00	37.78 3.01 -1.04	37.68 3.12 0.00	43.22 3.12 0.00	36.99 2.36 0.00	36.18 1.91 0.00	38.31 1.78 0.00	51.99 2.43 0.00	48.54 2.37 0.00	141.73 7.31 0.00	70.97 4.07 0.00	65.09 3.79 0.00	123.48 7.80 0.00	64.88 3.99 0.00	53.20 3.05 0.00	49.81 2.66 0.00

CHESTROR_138KV_BK263 355645	46.55 1.73 -0.04	45.94 1.45 -0.21	46.15 1.33 0.00	40.01 1.10 0.00	46.67 1.19 0.00	48.15 1.38 0.00	49.75 2.00 0.00	53.77 2.43 0.00	46.09 2.27 0.00	36.87 2.14 -1.00	36.70 2.14 0.00	42.67 2.02 -0.56	36.22 1.45 -0.13	35.52 1.25 0.00	37.70 1.17 0.00	51.13 1.57 0.00	47.75 1.58 0.00	139.42 5.01 0.00	69.80 2.90 0.00	64.16 2.87 0.00	121.50 5.82 0.00	63.84 2.94 0.00	52.40 2.25 0.00	49.12 1.98 0.00
CH_MIDHUDSON___DRP 24192	46.72 1.95 0.00	45.95 1.67 0.00	46.42 1.60 0.00	40.25 1.34 0.00	46.97 1.49 0.00	48.46 1.70 0.00	50.04 2.29 0.00	54.09 2.74 0.00	46.39 2.57 0.00	37.17 2.39 -1.06	36.98 2.42 0.00	42.47 2.37 0.00	36.33 1.69 0.00	35.71 1.44 0.00	37.90 1.36 0.00	51.47 1.91 0.00	48.08 1.91 0.00	140.47 6.05 0.00	70.30 3.41 0.00	64.59 3.29 0.00	122.23 6.55 0.00	64.26 3.37 0.00	52.76 2.61 0.00	49.44 2.29 0.00
CH_MISC_IPPS 23765	46.95 2.17 0.00	46.15 1.87 0.00	46.60 1.78 0.00	40.40 1.49 0.00	47.13 1.65 0.00	48.65 1.88 0.00	50.26 2.51 0.00	54.33 2.98 0.00	46.60 2.78 0.00	37.33 2.56 -1.04	37.13 2.58 0.00	42.62 2.53 0.00	36.48 1.84 0.00	35.86 1.59 0.00	38.05 1.51 0.00	51.66 2.10 0.00	48.27 2.10 0.00	141.12 6.70 0.00	70.66 3.76 0.00	64.91 3.62 0.00	122.92 7.24 0.00	64.59 3.70 0.00	53.00 2.85 0.00	49.66 2.52 0.00
CH_RES_BVR_FALLS 23983	44.73 -0.04 0.00	44.27 -0.01 0.00	44.82 0.00 0.00	38.90 0.00 0.00	45.46 -0.02 0.00	46.73 -0.04 0.00	47.65 -0.10 0.00	51.20 -0.15 0.00	43.70 -0.12 0.00	33.55 -0.17 0.00	34.37 -0.19 0.00	39.94 -0.15 0.00	34.54 -0.09 0.00	34.19 -0.08 0.00	36.48 -0.06 0.00	49.46 -0.10 0.00	46.10 -0.07 0.00	134.02 -0.40 0.00	66.70 -0.20 0.00	61.07 -0.22 0.00	115.28 -0.40 0.00	60.71 -0.18 0.00	49.99 -0.16 0.00	46.99 -0.15 0.00
CH_RES_NIAGARA 23895	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
CH_RES_SYRACUSE 23985	44.28 -0.45 0.05	43.55 -0.46 0.27	44.41 -0.42 0.00	38.54 -0.37 0.00	45.09 -0.39 0.00	46.50 -0.26 0.00	47.74 -0.02 0.00	51.20 -0.15 0.00	43.54 -0.29 0.00	33.70 -0.13 -0.11	34.30 -0.26 0.00	38.89 -0.49 0.71	34.07 -0.40 0.17	33.84 -0.43 0.00	36.11 -0.43 0.00	49.03 -0.53 0.00	45.71 -0.47 0.00	133.01 -1.41 0.00	66.14 -0.76 0.00	60.66 -0.63 0.00	114.38 -1.30 0.00	60.25 -0.64 0.00	49.53 -0.62 0.00	46.55 -0.60 0.00
CLINTON_WT_PWR 323605	44.89 0.11 0.00	44.53 0.25 0.00	45.10 0.27 0.00	39.13 0.23 0.00	45.81 0.34 0.00	47.03 0.26 0.00	47.74 -0.02 0.00	51.27 -0.07 0.00	43.87 0.05 0.00	33.50 -0.22 0.00	34.31 -0.25 0.00	40.00 -0.10 0.00	34.67 0.03 0.00	34.36 0.09 0.00	36.74 0.20 0.00	49.60 0.04 0.00	46.27 0.09 0.00	134.28 -0.13 0.00	66.92 0.02 0.00	61.06 -0.23 0.00	115.18 -0.50 0.00	60.77 -0.12 0.00	49.98 -0.17 0.00	47.01 -0.14 0.00
CLINTON___LFGE 323618	45.42 0.65 0.00	45.01 0.73 0.00	45.56 0.74 0.00	39.55 0.64 0.00	46.30 0.83 0.00	47.59 0.82 0.00	48.36 0.61 0.00	51.97 0.62 0.00	44.54 0.72 0.00	33.99 0.27 0.00	34.75 0.19 0.00	40.38 0.29 0.00	34.98 0.34 0.00	34.69 0.42 0.00	37.09 0.55 0.00	50.18 0.62 0.00	46.86 0.69 0.00	136.03 1.62 0.00	67.83 0.94 0.00	61.95 0.66 0.00	116.87 1.19 0.00	61.64 0.75 0.00	50.67 0.52 0.00	47.58 0.43 0.00
COBBLENY_34_KV_TB1 80064	41.54 -2.85 0.39	39.73 -2.58 1.97	42.00 -2.82 0.00	36.43 -2.48 0.00	43.13 -2.34 0.00	44.95 -1.81 0.00	46.64 -1.11 0.00	49.69 -1.65 0.00	42.17 -1.65 0.00	32.78 -1.10 -0.15	33.26 -1.30 0.00	32.60 -2.24 5.26	31.72 -1.67 1.25	32.80 -1.46 0.00	35.04 -1.50 0.00	47.28 -2.28 0.00	43.72 -2.45 0.00	105.90 -8.55 19.97	61.30 -4.12 1.48	58.42 -2.88 0.00	109.31 -6.37 0.00	58.03 -2.86 0.00	48.00 -2.15 0.00	45.02 -2.13 0.00
COFFEEN___115KV_TB3 355620	44.53 -0.25 0.00	43.90 -0.38 0.00	44.35 -0.47 0.00	38.44 -0.47 0.00	44.48 -0.99 0.00	46.00 -0.77 0.00	47.23 -0.53 0.00	50.57 -0.78 0.00	42.77 -1.05 0.00	32.22 -1.57 -0.06	32.36 -2.20 0.00	37.82 -2.28 0.00	32.90 -1.74 0.00	32.14 -2.13 0.00	34.31 -2.22 0.00	46.97 -2.59 0.00	43.81 -2.37 0.00	128.49 -5.93 0.00	65.05 -1.84 0.00	60.28 -1.01 0.00	114.81 -0.86 0.00	60.17 -0.71 0.00	49.09 -1.06 0.00	45.84 -1.31 0.00
COLDSPRG_115KV_BK1 355956	42.96 -1.41 0.42	41.00 -1.16 2.12	43.56 -1.26 0.00	37.73 -1.17 0.00	44.70 -0.77 0.00	46.53 -0.24 0.00	48.37 0.62 0.00	51.65 0.31 0.00	43.80 -0.03 0.00	33.98 0.09 -0.16	34.49 -0.07 0.00	33.42 -1.00 5.67	32.48 -0.81 1.35	33.66 -0.60 0.00	35.76 -0.78 0.00	48.27 -1.29 0.00	44.58 -1.60 0.00	107.00 -5.80 21.62	63.79 -2.20 0.90	60.53 -0.76 0.00	113.27 -2.41 0.00	60.07 -0.82 0.00	49.45 -0.70 0.00	46.38 -0.76 0.00
COLONIE_LFGE___ 323577	46.17 1.39 0.00	45.53 1.25 0.00	45.99 1.17 0.00	39.93 1.02 0.00	46.62 1.14 0.00	48.02 1.26 0.00	49.40 1.65 0.00	53.21 1.87 0.00	45.44 1.62 0.00	36.36 1.44 -1.20	35.98 1.42 0.00	41.39 1.30 0.00	35.43 0.80 0.00	35.15 0.88 0.00	37.40 0.86 0.00	50.89 1.33 0.00	47.33 1.15 0.00	138.19 3.77 0.00	68.89 2.00 0.00	63.37 2.08 0.00	119.80 4.12 0.00	63.14 2.25 0.00	51.98 1.83 0.00	48.86 1.71 0.00
COOPERNY_115KV_TB1 80082	46.39 1.56 -0.06	45.85 1.28 -0.29	45.99 1.17 0.00	39.87 0.97 0.00	46.53 1.05 0.00	47.98 1.22 0.00	49.53 1.78 0.00	53.52 2.18 0.00	45.84 2.02 0.00	36.50 1.92 -0.87	36.47 1.91 0.00	42.66 1.78 -0.79	36.08 1.26 -0.19	35.41 1.14 0.00	37.63 1.09 0.00	51.03 1.47 0.00	47.67 1.50 0.00	139.05 4.63 0.00	69.59 2.69 0.00	63.93 2.63 0.00	121.04 5.36 0.00	63.58 2.69 0.00	52.23 2.08 0.00	48.98 1.84 0.00
COPENHAGEN_WT_PWR 323753	44.25 -0.53 0.00	43.63 -0.65 0.00	44.08 -0.75 0.00	38.20 -0.71 0.00	44.10 -1.38 0.00	45.63 -1.13 0.00	46.85 -0.90 0.00	50.08 -1.26 0.00	42.31 -1.52 0.00	31.98 -1.80 -0.06	32.19 -2.38 0.00	37.58 -2.51 0.00	32.80 -1.84 0.00	32.13 -2.14 0.00	34.26 -2.28 0.00	46.90 -2.67 0.00	43.68 -2.49 0.00	127.47 -6.95 0.00	64.28 -2.61 0.00	59.46 -1.84 0.00	113.42 -2.26 0.00	59.45 -1.45 0.00	48.46 -1.70 0.00	45.25 -1.89 0.00
CORNELL_____ 23752	45.17 0.56 0.17	43.90 0.47 0.85	45.27 0.44 0.00	39.26 0.36 0.00	45.99 0.52 0.00	47.48 0.71 0.00	48.92 1.17 0.00	52.36 1.02 0.00	44.28 0.46 0.00	34.14 0.18 -0.23	34.49 -0.07 0.00	37.53 -0.35 2.21	33.81 -0.30 0.52	33.93 -0.33 0.00	36.29 -0.25 0.00	49.45 -0.11 0.00	46.28 0.10 0.00	129.37 0.25 5.30	67.76 0.31 -0.56	61.96 0.66 0.00	116.75 1.07 0.00	61.44 0.55 0.00	50.41 0.26 0.00	47.34 0.19 0.00

CORONA V_69_KV_TB1 355595	47.40 2.62 0.00	46.46 2.18 0.00	46.91 2.09 0.00	40.70 1.80 0.00	47.35 1.87 0.00	48.92 2.15 0.00	50.59 2.84 0.00	54.45 3.11 0.00	54.73 3.27 -7.63	70.38 3.07 -33.58	78.61 3.11 -40.94	63.01 3.12 -19.80	56.79 2.45 -19.70	46.80 2.08 -10.46	42.18 2.03 -3.61	52.11 2.55 0.00	54.09 2.59 -5.32	140.95 6.54 0.00	70.39 3.50 0.00	64.98 3.68 0.00	122.69 7.01 0.00	64.65 3.76 0.00	53.45 3.16 -0.15	50.98 2.84 -0.99
CORTLAND_115KV_TB3 80093	45.09 0.32 0.00	44.51 0.23 0.00	45.04 0.22 0.00	39.08 0.17 0.00	45.72 0.24 0.00	47.16 0.39 0.00	48.51 0.76 0.00	52.04 0.70 0.00	44.22 0.40 0.00	34.19 0.27 -0.20	34.69 0.12 0.00	40.00 -0.10 0.00	34.49 -0.15 0.00	34.00 -0.27 0.00	36.26 -0.28 0.00	49.34 -0.22 0.00	46.10 -0.08 0.00	136.98 -0.37 -2.93	66.82 -0.07 0.00	61.48 0.19 0.00	115.90 0.22 0.00	60.98 0.09 0.00	50.08 -0.07 0.00	47.03 -0.11 0.00
COXSACKIE__GT 23611	47.17 2.39 0.00	46.43 2.15 0.00	46.92 2.10 0.00	40.83 1.92 0.00	47.61 2.14 0.00	49.14 2.37 0.00	50.70 2.95 0.00	54.89 3.54 0.00	46.78 2.96 0.00	37.10 2.23 -1.15	36.34 1.78 0.00	41.75 1.66 0.00	35.70 1.06 0.00	35.41 1.14 0.00	37.74 1.20 0.00	51.54 1.98 0.00	47.81 1.63 0.00	140.15 5.74 0.00	70.34 3.44 0.00	65.11 3.81 0.00	121.10 5.42 0.00	64.35 3.46 0.00	53.47 3.31 0.00	50.08 2.93 0.00
CPV_VALLEY__CC1 323721	46.27 1.45 -0.05	45.69 1.18 -0.23	45.88 1.06 0.00	39.78 0.87 0.00	46.40 0.93 0.00	47.85 1.09 0.00	49.43 1.68 0.00	53.41 2.07 0.00	45.79 1.96 0.00	36.61 1.92 -0.97	36.48 1.92 0.00	42.48 1.79 -0.60	36.04 1.26 -0.14	35.35 1.08 0.00	37.53 0.99 0.00	50.87 1.31 0.00	47.51 1.33 0.00	138.62 4.20 0.00	69.39 2.49 0.00	63.73 2.44 0.00	120.68 5.00 0.00	63.41 2.52 0.00	52.06 1.91 0.00	48.82 1.68 0.00
CPV_VALLEY__CC2 323722	46.27 1.45 -0.05	45.69 1.18 -0.23	45.88 1.06 0.00	39.78 0.87 0.00	46.40 0.93 0.00	47.85 1.09 0.00	49.43 1.68 0.00	53.41 2.07 0.00	45.79 1.96 0.00	36.61 1.92 -0.97	36.48 1.92 0.00	42.48 1.79 -0.60	36.04 1.26 -0.14	35.35 1.08 0.00	37.53 0.99 0.00	50.87 1.31 0.00	47.51 1.33 0.00	138.62 4.20 0.00	69.39 2.49 0.00	63.73 2.44 0.00	120.68 5.00 0.00	63.41 2.52 0.00	52.06 1.91 0.00	48.82 1.68 0.00
CRESCENT__HYD 24018	46.17 1.39 0.00	45.53 1.25 0.00	45.99 1.17 0.00	39.93 1.02 0.00	46.62 1.14 0.00	48.02 1.26 0.00	49.40 1.65 0.00	53.21 1.87 0.00	45.44 1.62 0.00	36.36 1.44 -1.20	35.98 1.42 0.00	41.39 1.30 0.00	35.43 0.80 0.00	35.15 0.88 0.00	37.40 0.86 0.00	50.89 1.33 0.00	47.33 1.15 0.00	138.19 3.77 0.00	68.89 2.00 0.00	63.37 2.08 0.00	119.80 4.12 0.00	63.14 2.25 0.00	51.98 1.83 0.00	48.86 1.71 0.00
CRICKET__VALLEY_CC1 323756	46.32 1.55 0.00	45.56 1.28 0.00	46.14 1.31 0.00	40.00 1.10 0.00	46.66 1.18 0.00	48.14 1.38 0.00	49.74 1.99 0.00	53.76 2.41 0.00	46.11 2.29 0.00	36.96 2.17 -1.07	36.76 2.20 0.00	42.22 2.13 0.00	36.04 1.41 0.00	35.45 1.18 0.00	37.62 1.08 0.00	51.08 1.52 0.00	47.74 1.57 0.00	139.48 5.07 0.00	69.90 3.00 0.00	64.17 2.88 0.00	121.44 5.76 0.00	63.88 2.99 0.00	52.41 2.26 0.00	49.14 1.99 0.00
CRICKET__VALLEY_CC2 323757	46.32 1.55 0.00	45.56 1.28 0.00	46.14 1.31 0.00	40.00 1.10 0.00	46.66 1.18 0.00	48.14 1.38 0.00	49.74 1.99 0.00	53.76 2.41 0.00	46.11 2.29 0.00	36.96 2.17 -1.07	36.76 2.20 0.00	42.22 2.13 0.00	36.04 1.41 0.00	35.45 1.18 0.00	37.62 1.08 0.00	51.08 1.52 0.00	47.74 1.57 0.00	139.48 5.07 0.00	69.90 3.00 0.00	64.17 2.88 0.00	121.44 5.76 0.00	63.88 2.99 0.00	52.41 2.26 0.00	49.14 1.99 0.00
CRICKET__VALLEY_CC3 323758	46.32 1.55 0.00	45.56 1.28 0.00	46.14 1.31 0.00	40.00 1.10 0.00	46.66 1.18 0.00	48.14 1.38 0.00	49.74 1.99 0.00	53.76 2.41 0.00	46.11 2.29 0.00	36.96 2.17 -1.07	36.76 2.20 0.00	42.22 2.13 0.00	36.04 1.41 0.00	35.45 1.18 0.00	37.62 1.08 0.00	51.08 1.52 0.00	47.74 1.57 0.00	139.48 5.07 0.00	69.90 3.00 0.00	64.17 2.88 0.00	121.44 5.76 0.00	63.88 2.99 0.00	52.41 2.26 0.00	49.14 1.99 0.00
CRUCIBLE_METL_DRP 24180	44.28 -0.45 0.05	43.55 -0.46 0.27	44.41 -0.42 0.00	38.54 -0.37 0.00	45.10 -0.37 0.00	46.50 -0.26 0.00	47.74 -0.02 0.00	51.20 -0.15 0.00	43.53 -0.29 0.00	33.70 -0.13 -0.11	34.30 -0.26 0.00	38.89 -0.49 0.71	34.07 -0.40 0.17	33.85 -0.42 0.00	36.11 -0.43 0.00	49.03 -0.52 0.00	45.70 -0.47 0.00	133.01 -1.41 0.00	66.14 -0.76 0.00	60.66 -0.63 0.00	114.38 -1.30 0.00	60.25 -0.64 0.00	49.54 -0.62 0.00	46.54 -0.61 0.00
DAHOWA__HYDRO 323763	46.53 1.75 0.00	45.82 1.55 0.00	46.39 1.56 0.00	40.26 1.35 0.00	47.06 1.58 0.00	48.53 1.77 0.00	50.28 2.53 0.00	54.17 2.82 0.00	46.20 2.38 -1.21	36.87 1.93 0.00	36.45 1.89 0.00	41.86 1.76 0.00	35.68 1.05 0.00	35.34 1.08 0.00	37.61 1.07 0.00	51.14 1.59 0.00	47.65 1.48 0.00	139.55 5.13 0.00	69.96 3.06 0.00	64.67 3.38 0.00	122.24 6.56 0.00	64.52 3.63 0.00	52.99 2.84 0.00	49.73 2.59 0.00
DANC__LFGE 323619	44.01 -0.76 0.00	43.43 -0.84 0.00	43.95 -0.87 0.00	38.11 -0.80 0.00	44.23 -1.25 0.00	45.67 -1.09 0.00	46.86 -0.89 0.00	50.22 -1.13 0.00	42.56 -1.26 0.00	32.48 -1.31 -0.07	32.95 -1.61 0.00	38.28 -1.81 0.00	33.23 -1.41 0.00	32.67 -1.60 0.00	34.83 -1.71 0.00	47.48 -2.08 0.00	44.20 -1.97 0.00	128.91 -5.51 0.00	64.62 -2.27 0.00	59.55 -1.74 0.00	113.13 -2.54 0.00	59.43 -1.46 0.00	48.61 -1.55 0.00	45.52 -1.62 0.00
DANSKAMMER__1 23586	46.95 2.17 0.00	46.15 1.87 0.00	46.60 1.78 0.00	40.40 1.49 0.00	47.13 1.65 0.00	48.65 1.88 0.00	50.26 2.51 0.00	54.33 2.98 0.00	46.60 2.78 0.00	37.33 2.56 -1.04	37.13 2.58 0.00	42.62 2.53 0.00	36.48 1.84 0.00	35.86 1.59 0.00	38.05 1.51 0.00	51.66 2.10 0.00	48.27 2.10 0.00	141.12 6.70 0.00	70.66 3.76 0.00	64.91 3.62 0.00	122.92 7.24 0.00	64.59 3.70 0.00	53.00 2.85 0.00	49.66 2.52 0.00
DANSKAMMER__2 23589	46.95 2.17 0.00	46.15 1.87 0.00	46.60 1.78 0.00	40.40 1.49 0.00	47.13 1.65 0.00	48.65 1.88 0.00	50.26 2.51 0.00	54.33 2.98 0.00	46.60 2.78 0.00	37.33 2.56 -1.04	37.13 2.58 0.00	42.62 2.53 0.00	36.48 1.84 0.00	35.86 1.59 0.00	38.05 1.51 0.00	51.66 2.10 0.00	48.27 2.10 0.00	141.12 6.70 0.00	70.66 3.76 0.00	64.91 3.62 0.00	122.92 7.24 0.00	64.59 3.70 0.00	53.00 2.85 0.00	49.66 2.52 0.00
DANSKAMMER__3 23590	46.95 2.17 0.00	46.15 1.87 0.00	46.60 1.78 0.00	40.40 1.49 0.00	47.13 1.65 0.00	48.65 1.88 0.00	50.26 2.51 0.00	54.33 2.98 0.00	46.60 2.78 0.00	37.33 2.56 -1.04	37.13 2.58 0.00	42.62 2.53 0.00	36.48 1.84 0.00	35.86 1.59 0.00	38.05 1.51 0.00	51.66 2.10 0.00	48.27 2.10 0.00	141.12 6.70 0.00	70.66 3.76 0.00	64.91 3.62 0.00	122.92 7.24 0.00	64.59 3.70 0.00	53.00 2.85 0.00	49.66 2.52 0.00

DANSKAMMER___4 23591	46.95 2.17 0.00	46.15 1.87 0.00	46.60 1.78 0.00	40.40 1.49 0.00	47.13 1.65 0.00	48.65 1.88 0.00	50.26 2.51 0.00	54.33 2.98 0.00	46.60 2.78 0.00	37.33 2.56 -1.04	37.13 2.58 0.00	42.62 2.53 0.00	36.48 1.84 0.00	35.86 1.59 0.00	38.05 1.51 0.00	51.66 2.10 0.00	48.27 2.10 0.00	141.12 6.70 0.00	70.66 3.76 0.00	64.91 3.62 0.00	122.92 7.24 0.00	64.59 3.70 0.00	53.00 2.85 0.00	49.66 2.52 0.00
DANSKAMMER___DIESEL 23592	46.95 2.17 0.00	46.15 1.87 0.00	46.60 1.78 0.00	40.40 1.49 0.00	47.15 1.67 0.00	48.65 1.88 0.00	50.26 2.51 0.00	54.33 2.98 0.00	46.60 2.78 0.00	37.33 2.56 -1.04	37.13 2.57 0.00	42.62 2.53 0.00	36.48 1.84 0.00	35.85 1.58 0.00	38.05 1.51 0.00	51.66 2.10 0.00	48.28 2.10 0.00	141.11 6.69 0.00	70.65 3.75 0.00	64.92 3.62 0.00	122.93 7.25 0.00	64.60 3.71 0.00	53.00 2.85 0.00	49.66 2.51 0.00
DARBY___SOLAR 323810	46.44 1.66 0.00	45.74 1.46 0.00	46.28 1.46 0.00	40.19 1.28 0.00	46.96 1.49 0.00	48.43 1.66 0.00	50.10 2.35 0.00	53.97 2.63 0.00	46.04 2.22 0.00	36.74 1.81 -1.21	36.34 1.78 0.00	41.72 1.62 0.00	35.61 0.98 0.00	35.26 0.99 0.00	37.52 0.99 0.00	51.02 1.46 0.00	47.54 1.37 0.00	139.27 4.85 0.00	69.78 2.88 0.00	64.42 3.13 0.00	121.73 6.05 0.00	64.24 3.35 0.00	52.78 2.63 0.00	49.55 2.41 0.00
DASHVILLE___HYD 23610	46.66 1.88 0.00	45.88 1.60 0.00	46.33 1.51 0.00	40.17 1.26 0.00	46.88 1.40 0.00	48.37 1.61 0.00	49.93 2.18 0.00	53.98 2.63 0.00	46.30 2.48 0.00	37.11 2.33 -1.06	36.91 2.35 0.00	42.36 2.27 0.00	36.26 1.62 0.00	35.67 1.40 0.00	37.88 1.35 0.00	51.43 1.87 0.00	48.03 1.85 0.00	140.37 5.95 0.00	70.23 3.33 0.00	64.48 3.19 0.00	122.07 6.39 0.00	64.17 3.28 0.00	52.67 2.52 0.00	49.38 2.23 0.00
DELAWARE___LFGE 323621	46.10 1.21 -0.12	45.89 1.01 -0.60	45.81 0.99 0.00	39.73 0.82 0.00	46.44 0.97 0.00	48.04 1.28 0.00	51.47 3.72 0.00	55.21 3.86 0.00	46.73 2.91 0.00	36.06 2.09 -0.25	36.44 1.88 0.00	44.55 1.72 -2.74	36.60 1.31 -0.65	35.45 1.19 0.00	37.98 1.44 0.00	52.06 2.50 0.00	48.71 2.54 0.00	157.37 7.30 -15.65	70.88 3.99 0.00	65.60 4.30 0.00	122.75 7.07 0.00	62.98 2.09 0.00	51.82 1.67 0.00	48.66 1.51 0.00
DERFIELD_115KV_TB7 355931	44.87 0.09 0.00	44.32 0.04 0.00	44.84 0.02 0.00	38.94 0.04 0.00	45.48 0.00 0.00	46.82 0.05 0.00	47.93 0.18 0.00	51.57 0.23 0.00	44.01 0.18 0.00	33.93 0.21 0.00	34.76 0.20 0.00	40.20 0.10 0.00	34.64 0.00 0.00	34.27 0.00 0.00	36.52 -0.02 0.00	49.59 0.03 0.00	46.22 0.05 0.00	134.67 0.25 0.00	67.04 0.14 0.00	61.47 0.18 0.00	116.09 0.41 0.00	61.09 0.20 0.00	50.30 0.15 0.00	47.28 0.13 0.00
DOGLEVILLE___HYD 23807	45.77 1.00 0.00	44.73 0.45 0.00	45.18 0.36 0.00	39.26 0.36 0.00	45.71 0.24 0.00	47.12 0.36 0.00	48.98 1.23 0.00	52.58 1.23 0.00	44.12 0.30 0.00	34.37 0.65 0.00	35.15 0.60 0.00	39.31 -0.79 0.00	33.40 -1.24 0.00	32.62 -1.64 0.00	34.82 -1.71 0.00	48.23 -1.34 0.00	44.87 -1.31 0.00	134.30 -0.12 0.00	67.47 0.57 0.00	63.34 2.05 0.00	119.94 4.26 0.00	62.79 1.90 0.00	51.71 1.56 0.00	48.56 1.41 0.00
DUNKIRK__115KV_TB_200 55889	42.23 -2.16 0.38	40.48 -1.84 1.96	42.87 -1.95 0.00	37.13 -1.78 0.00	43.98 -1.50 0.00	45.79 -0.97 0.00	47.64 -0.11 0.00	50.83 -0.52 0.00	43.14 -0.69 0.00	33.35 -0.53 -0.15	33.86 -0.70 0.00	33.19 -1.66 5.25	32.06 -1.33 1.25	33.16 -1.11 0.00	35.29 -1.24 0.00	47.62 -1.94 0.00	43.94 -2.24 0.00	106.68 -7.83 19.90	62.03 -3.24 1.63	59.50 -1.79 0.00	111.18 -4.50 0.00	59.07 -1.82 0.00	48.73 -1.43 0.00	45.79 -1.36 0.00
DUNKIRK___1 23563	42.23 -2.16 0.38	40.48 -1.84 1.96	42.87 -1.95 0.00	37.13 -1.78 0.00	43.98 -1.50 0.00	45.79 -0.97 0.00	47.64 -0.11 0.00	50.83 -0.52 0.00	43.14 -0.69 0.00	33.35 -0.53 -0.15	33.86 -0.70 0.00	33.19 -1.66 5.25	32.06 -1.33 1.25	33.16 -1.11 0.00	35.29 -1.24 0.00	47.62 -1.94 0.00	43.94 -2.24 0.00	106.68 -7.83 19.90	62.03 -3.24 1.63	59.50 -1.79 0.00	111.18 -4.50 0.00	59.07 -1.82 0.00	48.73 -1.43 0.00	45.79 -1.36 0.00
DUNKIRK___2 23564	42.23 -2.16 0.38	40.48 -1.84 1.96	42.87 -1.95 0.00	37.13 -1.78 0.00	43.98 -1.50 0.00	45.79 -0.97 0.00	47.64 -0.11 0.00	50.83 -0.52 0.00	43.14 -0.69 0.00	33.35 -0.53 -0.15	33.86 -0.70 0.00	33.19 -1.66 5.25	32.06 -1.33 1.25	33.16 -1.11 0.00	35.29 -1.24 0.00	47.62 -1.94 0.00	43.94 -2.24 0.00	106.68 -7.83 19.90	62.03 -3.24 1.63	59.50 -1.79 0.00	111.18 -4.50 0.00	59.07 -1.82 0.00	48.73 -1.43 0.00	45.79 -1.36 0.00
DUNKIRK___3 23565	42.03 -2.37 0.38	40.24 -2.08 1.95	42.59 -2.24 0.00	36.91 -2.00 0.00	43.69 -1.79 0.00	45.49 -1.28 0.00	47.28 -0.47 0.00	50.41 -0.93 0.00	42.78 -1.04 0.00	33.15 -0.72 -0.15	33.66 -0.89 0.00	33.04 -1.84 5.21	31.96 -1.44 1.24	33.05 -1.22 0.00	35.21 -1.33 0.00	47.51 -2.05 0.00	43.85 -2.32 0.00	106.47 -8.17 19.77	61.58 -3.56 1.75	59.12 -2.18 0.00	110.41 -5.27 0.00	58.67 -2.23 0.00	48.42 -1.73 0.00	45.49 -1.66 0.00
DUNKIRK___4 23566	42.03 -2.37 0.38	40.24 -2.08 1.95	42.59 -2.24 0.00	36.91 -2.00 0.00	43.69 -1.79 0.00	45.49 -1.28 0.00	47.28 -0.47 0.00	50.41 -0.93 0.00	42.78 -1.04 0.00	33.15 -0.72 -0.15	33.66 -0.89 0.00	33.04 -1.84 5.21	31.96 -1.44 1.24	33.05 -1.22 0.00	35.21 -1.33 0.00	47.51 -2.05 0.00	43.85 -2.32 0.00	106.47 -8.17 19.77	61.58 -3.56 1.75	59.12 -2.18 0.00	110.41 -5.27 0.00	58.67 -2.23 0.00	48.42 -1.73 0.00	45.49 -1.66 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.89 2.12 0.00	46.07 1.79 0.00	46.47 1.64 0.00	40.28 1.37 0.00	46.97 1.49 0.00	48.46 1.70 0.00	50.11 2.36 0.00	54.22 2.87 0.00	46.57 2.75 0.00	37.41 2.64 -1.04	37.26 2.70 0.00	42.74 2.65 0.00	36.62 1.99 0.00	35.91 1.64 0.00	38.07 1.53 0.00	51.62 2.06 0.00	48.22 2.04 0.00	140.66 6.24 0.00	70.39 3.50 0.00	64.63 3.34 0.00	122.50 6.82 0.00	64.39 3.50 0.00	52.82 2.66 0.00	49.48 2.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.76 1.94 -0.04	46.13 1.65 -0.20	46.36 1.54 0.00	40.18 1.27 0.00	46.89 1.41 0.00	48.37 1.61 0.00	49.99 2.24 0.00	54.04 2.69 0.00	46.33 2.51 0.00	37.10 2.35 -1.02	36.90 2.34 0.00	42.35 2.25 0.00	36.26 1.63 0.00	35.67 1.40 0.00	37.86 1.32 0.00	51.36 1.80 0.00	47.99 1.81 0.00	140.18 5.76 0.00	70.20 3.30 0.00	64.51 3.22 0.00	122.20 6.52 0.00	64.20 3.31 0.00	52.69 2.54 0.00	49.38 2.24 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.85 2.08 0.00	46.14 1.86 0.00	46.58 1.76 0.00	40.35 1.44 0.00	47.04 1.57 0.00	48.54 1.77 0.00	50.22 2.47 0.00	54.37 3.02 0.00	46.77 2.94 0.00	37.67 2.91 -1.04	37.52 2.96 0.00	43.04 2.94 0.00	36.84 2.21 0.00	36.06 1.79 0.00	38.03 1.50 0.00	51.76 2.20 0.00	48.37 2.19 0.00	140.99 6.57 0.00	70.70 3.80 0.00	64.81 3.52 0.00	123.11 7.43 0.00	64.63 3.74 0.00	53.02 2.87 0.00	49.64 2.50 0.00

E179THST_13_KV_LOAD 356214	47.03 2.26 0.00	46.31 2.03 0.00	46.73 1.90 0.00	40.48 1.57 0.00	47.20 1.72 0.00	48.70 1.93 0.00	50.38 2.63 0.00	54.56 3.22 0.00	46.94 3.12 0.00	37.81 3.04 -1.04	37.67 3.11 0.00	43.21 3.11 0.00	36.99 2.35 0.00	36.22 1.95 0.00	38.19 1.65 0.00	51.97 2.41 0.00	48.56 2.38 0.00	141.53 7.12 0.00	70.99 4.09 0.00	65.08 3.79 0.00	123.63 7.95 0.00	64.90 4.01 0.00	53.23 3.07 0.00	49.83 2.68 0.00
EAST HAMPTON___GT 23717	46.07 1.29 0.00	45.09 0.82 0.00	45.59 0.77 0.00	39.44 0.54 0.00	45.96 0.48 0.00	48.06 1.29 0.00	50.26 2.51 0.00	54.12 2.78 0.00	50.78 3.26 -3.70	53.47 2.93 -16.81	57.73 3.33 -19.84	53.25 3.56 -9.59	47.11 2.93 -9.55	41.47 2.14 -5.07	40.14 1.85 -1.75	52.38 2.82 0.00	52.72 3.97 -2.58	145.22 10.80 0.00	72.84 5.94 0.00	67.46 6.17 0.00	125.85 10.17 0.00	66.37 5.48 0.00	55.31 5.08 -0.07	51.82 4.20 -0.48
EAST RIVER___6 23660	46.90 2.12 0.00	46.18 1.90 0.00	46.60 1.78 0.00	40.38 1.47 0.00	47.06 1.58 0.00	48.59 1.83 0.00	50.27 2.52 0.00	54.45 3.11 0.00	46.85 3.03 0.00	37.75 2.98 -1.04	37.67 3.11 0.00	43.18 3.09 0.00	36.97 2.33 0.00	36.13 1.86 0.00	38.30 1.76 0.00	51.98 2.42 0.00	48.53 2.36 0.00	141.72 7.31 0.00	70.96 4.06 0.00	65.07 3.78 0.00	123.44 7.76 0.00	64.86 3.97 0.00	53.16 3.01 0.00	49.79 2.65 0.00
EAST RIVER___7 23524	46.90 2.12 0.00	46.18 1.90 0.00	46.60 1.78 0.00	40.38 1.47 0.00	47.06 1.58 0.00	48.59 1.83 0.00	50.27 2.52 0.00	54.45 3.11 0.00	46.85 3.03 0.00	37.75 2.98 -1.04	37.67 3.11 0.00	43.18 3.09 0.00	36.97 2.33 0.00	36.13 1.86 0.00	38.30 1.76 0.00	51.98 2.42 0.00	48.53 2.36 0.00	141.72 7.31 0.00	70.96 4.06 0.00	65.07 3.78 0.00	123.44 7.76 0.00	64.86 3.97 0.00	53.16 3.01 0.00	49.79 2.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.83 2.05 0.00	46.01 1.73 0.00	46.43 1.61 0.00	40.24 1.33 0.00	46.93 1.46 0.00	48.43 1.66 0.00	50.08 2.33 0.00	54.17 2.83 0.00	46.50 2.68 0.00	37.34 2.57 -1.04	37.18 2.63 0.00	42.66 2.57 0.00	36.55 1.91 0.00	35.86 1.59 0.00	38.01 1.47 0.00	51.56 2.00 0.00	48.15 1.98 0.00	140.49 6.08 0.00	70.33 3.43 0.00	64.58 3.28 0.00	122.38 6.69 0.00	64.31 3.42 0.00	52.77 2.61 0.00	49.45 2.30 0.00
EAST_HAMPTON___DIESEL 23722	45.98 1.20 0.00	45.00 0.73 0.00	45.51 0.68 0.00	39.37 0.46 0.00	45.88 0.40 0.00	47.98 1.22 0.00	50.21 2.46 0.00	54.05 2.71 0.00	50.75 3.22 -3.70	53.43 2.90 -16.81	57.71 3.31 -19.84	53.22 3.54 -9.59	47.10 2.91 -9.55	41.44 2.11 -5.07	40.09 1.81 -1.75	52.34 2.78 0.00	52.71 3.96 -2.58	145.22 10.80 0.00	72.86 5.96 0.00	67.48 6.18 0.00	125.89 10.20 0.00	66.39 5.50 0.00	55.31 5.09 -0.07	51.83 4.21 -0.48
EAST_POINT___SOLAR 323840	47.15 2.37 0.00	46.53 2.25 0.00	47.08 2.25 0.00	40.84 1.94 0.00	47.83 2.35 0.00	49.34 2.57 0.00	50.99 3.24 0.00	54.18 2.84 0.00	44.82 1.00 0.00	35.98 0.98 -1.28	35.34 0.78 0.00	40.52 -0.25 -0.68	34.23 -0.57 -0.16	33.51 -0.76 0.00	35.94 -0.59 0.00	49.76 0.20 0.00	47.08 0.90 0.00	142.03 4.94 -2.67	69.89 2.99 0.00	65.03 3.74 0.00	123.74 8.06 0.00	64.69 3.80 0.00	53.11 2.95 0.00	49.84 2.69 0.00
EAST_PULASKI___ESR 323781	43.87 -0.90 0.00	43.35 -0.93 0.00	43.90 -0.92 0.00	38.09 -0.81 0.00	44.45 -1.03 0.00	45.83 -0.93 0.00	47.02 -0.73 0.00	50.52 -0.82 0.00	42.96 -0.86 0.00	33.09 -0.72 -0.08	33.80 -0.76 0.00	39.07 -1.02 0.00	33.73 -0.91 0.00	33.30 -0.97 0.00	35.49 -1.05 0.00	48.20 -1.36 0.00	44.86 -1.32 0.00	130.76 -3.65 0.00	65.13 -1.77 0.00	59.79 -1.51 0.00	113.12 -2.56 0.00	59.47 -1.43 0.00	48.82 -1.33 0.00	45.84 -1.31 0.00
EAST_RIVER___1 323558	46.96 2.18 0.00	46.19 1.91 0.00	46.61 1.78 0.00	40.39 1.48 0.00	47.08 1.60 0.00	48.60 1.83 0.00	50.27 2.52 0.00	54.44 3.10 0.00	46.82 3.00 0.00	37.68 2.91 -1.04	37.58 3.02 0.00	43.10 3.01 0.00	36.90 2.26 0.00	36.07 1.80 0.00	38.20 1.67 0.00	51.84 2.28 0.00	48.42 2.24 0.00	141.34 6.93 0.00	70.78 3.88 0.00	64.92 3.63 0.00	123.15 7.47 0.00	64.70 3.81 0.00	53.05 2.90 0.00	49.70 2.55 0.00
EAST_RIVER___2 323559	46.90 2.12 0.00	46.18 1.90 0.00	46.60 1.78 0.00	40.38 1.47 0.00	47.06 1.58 0.00	48.59 1.83 0.00	50.27 2.52 0.00	54.45 3.11 0.00	46.85 3.03 0.00	37.75 2.98 -1.04	37.67 3.11 0.00	43.18 3.09 0.00	36.97 2.33 0.00	36.13 1.86 0.00	38.30 1.76 0.00	51.98 2.42 0.00	48.53 2.36 0.00	141.72 7.31 0.00	70.96 4.06 0.00	65.07 3.78 0.00	123.44 7.76 0.00	64.86 3.97 0.00	53.16 3.01 0.00	49.79 2.65 0.00
EAST___DELAWARE_HYD 23607	46.20 1.37 -0.05	45.58 1.06 -0.24	45.75 0.93 0.00	39.66 0.75 0.00	46.28 0.80 0.00	47.76 0.99 0.00	49.37 1.62 0.00	53.37 2.03 0.00	45.74 1.92 0.00	36.46 1.77 -0.96	36.25 1.69 0.00	42.19 1.43 -0.66	35.71 0.91 -0.16	35.02 0.75 0.00	37.22 0.68 0.00	50.52 0.96 0.00	47.28 1.10 0.00	138.36 3.94 0.00	69.38 2.48 0.00	63.87 2.58 0.00	121.01 5.34 0.00	63.55 2.66 0.00	52.11 1.95 0.00	48.82 1.67 0.00
EIGHT_POINT___WT_PWR 323820	42.46 -1.80 0.51	39.68 -1.98 2.62	42.42 -2.40 0.00	36.57 -2.34 0.00	43.55 -1.92 0.00	45.26 -1.50 0.00	47.10 -0.65 0.00	50.41 -0.93 0.00	42.45 -1.38 0.00	32.53 -1.38 -0.18	32.58 -1.97 0.00	30.24 -2.85 7.01	30.57 -2.41 1.67	32.11 -2.16 0.00	34.44 -2.09 0.00	46.85 -2.71 0.00	43.62 -2.55 0.00	99.35 -8.24 26.82	68.58 -3.46 -5.15	59.71 -1.58 0.00	111.93 -3.74 0.00	59.34 -1.55 0.00	48.78 -1.38 0.00	45.78 -1.37 0.00
ELBRIDGE_115KV_TB2 80188	44.05 -0.66 0.06	43.32 -0.64 0.32	44.22 -0.60 0.00	38.38 -0.52 0.00	44.92 -0.55 0.00	46.33 -0.44 0.00	47.57 -0.18 0.00	50.97 -0.37 0.00	43.33 -0.49 0.00	33.56 -0.27 -0.11	34.14 -0.42 0.00	38.55 -0.70 0.85	33.86 -0.58 0.20	33.65 -0.61 0.00	35.95 -0.59 0.00	48.78 -0.78 0.00	45.47 -0.70 0.00	132.32 -2.09 0.00	65.81 -1.09 0.00	60.35 -0.94 0.00	113.77 -1.91 0.00	59.97 -0.92 0.00	49.32 -0.83 0.00	46.35 -0.79 0.00
ELEC_TRO_TEK 24086	47.20 2.42 0.00	46.25 1.97 0.00	46.71 1.88 0.00	40.52 1.62 0.00	47.13 1.65 0.00	48.70 1.93 0.00	50.36 2.61 0.00	54.22 2.88 0.00	53.37 3.11 -6.44	65.14 2.94 -28.47	72.02 2.94 -34.52	59.72 2.93 -16.69	53.56 2.32 -16.61	45.03 1.95 -8.81	41.47 1.89 -3.05	51.90 2.34 0.00	53.07 2.41 -4.49	140.33 5.91 0.00	70.07 3.18 0.00	64.64 3.35 0.00	122.13 6.45 0.00	64.35 3.46 0.00	53.19 2.92 -0.13	50.60 2.62 -0.84
ELLENBURG_WT_PWR 323604	44.89 0.11 0.00	44.53 0.25 0.00	45.10 0.27 0.00	39.13 0.23 0.00	45.81 0.34 0.00	47.03 0.26 0.00	47.74 -0.02 0.00	51.27 -0.07 0.00	43.87 0.05 0.00	33.50 -0.22 0.00	34.31 -0.25 0.00	40.00 -0.10 0.00	34.67 0.03 0.00	34.36 0.09 0.00	36.74 0.20 0.00	49.60 0.04 0.00	46.27 0.09 0.00	134.28 -0.13 0.00	66.92 0.02 0.00	61.06 -0.23 0.00	115.18 -0.50 0.00	60.77 -0.12 0.00	49.98 -0.17 0.00	47.01 -0.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.43 -3.00 0.36	39.77 -2.69 1.82	41.90 -2.92 0.00	36.34 -2.57 0.00	43.05 -2.43 0.00	44.85 -1.92 0.00	46.50 -1.25 0.00	49.57 -1.77 0.00	42.08 -1.74 0.00	32.75 -1.13 -0.15	33.22 -1.34 0.00	32.96 -2.28 4.87	31.80 -1.68 1.16	32.80 -1.47 0.00	35.02 -1.52 0.00	47.28 -2.29 0.00	43.69 -2.48 0.00	107.36 -8.70 18.36	60.71 -4.32 1.87	58.17 -3.12 0.00	108.95 -6.73 0.00	57.83 -3.06 0.00	47.91 -2.25 0.00	44.91 -2.24 0.00
EMPIRE_CC_1 323656	46.07 1.30 0.00	45.41 1.13 0.00	45.92 1.10 0.00	39.91 1.01 0.00	46.55 1.07 0.00	47.97 1.20 0.00	49.38 1.63 0.00	53.25 1.91 0.00	45.49 1.67 0.00	36.40 1.53 -1.16	36.09 1.53 0.00	41.51 1.42 0.00	35.50 0.86 0.00	35.18 0.91 0.00	37.44 0.90 0.00	50.97 1.41 0.00	47.38 1.21 0.00	138.13 3.71 0.00	68.78 1.89 0.00	63.17 1.88 0.00	119.45 3.77 0.00	62.93 2.04 0.00	51.83 1.68 0.00	48.72 1.57 0.00
EMPIRE_CC_2 323658	46.07 1.30 0.00	45.41 1.13 0.00	45.92 1.10 0.00	39.91 1.01 0.00	46.55 1.07 0.00	47.97 1.20 0.00	49.38 1.63 0.00	53.25 1.91 0.00	45.49 1.67 0.00	36.40 1.53 -1.16	36.09 1.53 0.00	41.51 1.42 0.00	35.50 0.86 0.00	35.18 0.91 0.00	37.44 0.90 0.00	50.97 1.41 0.00	47.38 1.21 0.00	138.13 3.71 0.00	68.78 1.89 0.00	63.17 1.88 0.00	119.45 3.77 0.00	62.93 2.04 0.00	51.83 1.68 0.00	48.72 1.57 0.00
ENORWICH_115KV_TB1 80156	47.80 2.96 -0.07	47.23 2.61 -0.34	47.50 2.68 0.00	41.11 2.20 0.00	48.16 2.69 0.00	49.70 2.93 0.00	51.81 4.06 0.00	55.29 3.95 0.00	46.30 2.47 0.00	35.44 1.39 -0.33	35.38 0.82 0.00	42.03 0.69 -1.25	35.26 0.33 -0.30	34.76 0.50 0.00	37.60 1.06 0.00	51.62 2.06 0.00	48.82 2.65 0.00	151.49 7.54 -9.54	71.35 4.19 -0.26	65.68 4.39 0.00	124.34 8.66 0.00	64.77 3.88 0.00	52.77 2.62 0.00	49.63 2.48 0.00
ERIE_ST__34_KV_TB1-2 80199	41.66 -2.74 0.37	39.88 -2.50 1.90	42.08 -2.74 0.00	36.49 -2.41 0.00	43.20 -2.27 0.00	44.99 -1.78 0.00	46.67 -1.08 0.00	49.74 -1.61 0.00	42.21 -1.61 0.00	32.83 -1.05 -0.15	33.33 -1.23 0.00	32.86 -2.15 5.09	31.84 -1.59 1.21	32.90 -1.37 0.00	35.12 -1.42 0.00	47.44 -2.12 0.00	43.87 -2.30 0.00	107.04 -8.11 19.27	61.35 -3.95 1.59	58.53 -2.76 0.00	109.57 -6.11 0.00	58.15 -2.74 0.00	48.06 -2.09 0.00	45.05 -2.10 0.00
ERIE_WT_PWR 323693	41.62 -2.79 0.37	39.87 -2.54 1.88	42.04 -2.78 0.00	36.46 -2.45 0.00	43.16 -2.31 0.00	45.01 -1.75 0.00	46.71 -1.04 0.00	49.78 -1.56 0.00	42.22 -1.60 0.00	32.80 -1.08 -0.15	33.29 -1.27 0.00	32.86 -2.22 5.01	31.83 -1.62 1.19	32.83 -1.44 0.00	35.08 -1.46 0.00	47.34 -2.22 0.00	43.80 -2.38 0.00	107.01 -8.44 18.96	61.01 -4.10 1.78	58.47 -2.82 0.00	109.46 -6.22 0.00	58.09 -2.81 0.00	48.07 -2.09 0.00	45.08 -2.06 0.00
ESPRGFLD_115KV_TB1 80157	46.60 1.77 -0.06	46.24 1.64 -0.32	46.48 1.66 0.00	40.29 1.38 0.00	47.19 1.71 0.00	48.70 1.94 0.00	51.16 3.41 0.00	54.70 3.36 0.00	46.04 2.22 0.00	35.17 1.47 0.03	35.82 1.26 0.00	42.55 1.09 -1.36	35.83 0.87 -0.32	35.07 0.80 0.00	37.62 1.08 0.00	51.56 2.00 0.00	48.36 2.19 0.00	148.05 6.66 -6.97	70.48 3.58 0.00	65.09 3.80 0.00	122.57 6.89 0.00	63.57 2.68 0.00	52.21 2.06 0.00	48.99 1.84 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	45.16 0.50 0.12	44.08 0.42 0.61	45.22 0.40 0.00	39.23 0.32 0.00	45.94 0.47 0.00	47.41 0.64 0.00	48.84 1.09 0.00	52.29 0.95 0.00	44.27 0.45 0.00	34.15 0.19 -0.23	34.53 -0.03 0.00	38.23 -0.29 1.58	33.99 -0.28 0.37	33.93 -0.34 0.00	36.27 -0.27 0.00	49.40 -0.16 0.00	46.22 0.04 0.00	131.97 0.11 2.55	67.57 0.20 -0.47	61.82 0.53 0.00	116.52 0.84 0.00	61.31 0.42 0.00	50.31 0.16 0.00	47.26 0.11 0.00
ETNA____115KV_TB2 80207	45.16 0.50 0.12	44.08 0.42 0.61	45.22 0.40 0.00	39.23 0.32 0.00	45.94 0.47 0.00	47.41 0.64 0.00	48.84 1.09 0.00	52.29 0.95 0.00	44.27 0.45 0.00	34.15 0.19 -0.23	34.53 -0.03 0.00	38.23 -0.29 1.58	33.99 -0.28 0.37	33.93 -0.34 0.00	36.27 -0.27 0.00	49.40 -0.16 0.00	46.22 0.04 0.00	131.97 0.11 2.55	67.57 0.20 -0.47	61.82 0.53 0.00	116.52 0.84 0.00	61.31 0.42 0.00	50.31 0.16 0.00	47.26 0.11 0.00
EUCLID___115KV_TB2 356179	43.91 -0.87 0.00	43.40 -0.87 0.00	43.97 -0.85 0.00	38.17 -0.74 0.00	44.65 -0.82 0.00	46.04 -0.72 0.00	47.23 -0.52 0.00	50.72 -0.62 0.00	43.18 -0.64 0.00	33.43 -0.38 -0.09	34.08 -0.48 0.00	39.35 -0.75 0.00	34.01 -0.63 0.00	33.61 -0.66 0.00	35.84 -0.70 0.00	48.67 -0.89 0.00	45.35 -0.82 0.00	131.91 -2.50 0.00	65.52 -1.38 0.00	60.07 -1.22 0.00	113.30 -2.38 0.00	59.65 -1.24 0.00	49.08 -1.07 0.00	46.11 -1.03 0.00
E_CANADA_CAP_HY 24051	46.64 1.82 -0.04	46.24 1.74 -0.22	46.59 1.77 0.00	40.42 1.51 0.00	47.33 1.85 0.00	48.78 2.01 0.00	50.52 2.77 0.00	53.90 2.56 0.00	45.19 1.37 0.00	35.98 0.93 -1.32	35.35 0.79 0.00	41.43 0.48 -0.86	35.13 0.29 -0.20	34.47 0.20 0.00	36.90 0.36 0.00	50.57 1.01 0.00	47.47 1.30 0.00	142.97 4.76 -3.79	69.56 2.66 0.00	64.35 3.06 0.00	121.87 6.19 0.00	63.65 2.76 0.00	52.28 2.13 0.00	49.06 1.91 0.00
E_CANADA_MHWK_HY 24050	45.77 1.00 0.00	44.72 0.45 0.00	45.18 0.36 0.00	39.26 0.36 0.00	45.72 0.24 0.00	47.12 0.36 0.00	48.98 1.23 0.00	52.58 1.23 0.00	44.12 0.30 0.00	34.37 0.65 0.00	35.15 0.60 0.00	39.31 -0.79 0.00	33.40 -1.24 0.00	32.62 -1.64 0.00	34.82 -1.71 0.00	48.23 -1.34 0.00	44.87 -1.31 0.00	134.30 -0.12 0.00	67.47 0.57 0.00	63.34 2.05 0.00	119.94 4.26 0.00	62.79 1.90 0.00	51.71 1.56 0.00	48.56 1.41 0.00
E_FISHKILL___LBMP 23776	46.50 1.73 0.00	45.73 1.45 0.00	46.20 1.38 0.00	40.07 1.16 0.00	46.74 1.27 0.00	48.22 1.45 0.00	49.80 2.05 0.00	53.83 2.49 0.00	46.18 2.36 0.00	37.02 2.24 -1.06	36.83 2.27 0.00	42.30 2.20 0.00	36.20 1.57 0.00	35.59 1.32 0.00	37.77 1.23 0.00	51.25 1.69 0.00	47.86 1.69 0.00	139.69 5.27 0.00	69.91 3.01 0.00	64.21 2.91 0.00	121.54 5.86 0.00	63.90 3.01 0.00	52.46 2.31 0.00	49.18 2.04 0.00
FALCON___SEABRD_CC1 323796	45.41 0.63 0.00	45.00 0.72 0.00	45.56 0.74 0.00	39.55 0.64 0.00	46.29 0.81 0.00	47.56 0.80 0.00	48.36 0.61 0.00	51.96 0.61 0.00	44.50 0.68 0.00	33.98 0.26 0.00	34.76 0.20 0.00	40.40 0.31 0.00	34.99 0.36 0.00	34.75 0.49 0.00	37.16 0.62 0.00	50.20 0.64 0.00	46.84 0.67 0.00	136.02 1.60 0.00	67.79 0.89 0.00	61.89 0.60 0.00	116.76 1.08 0.00	61.59 0.70 0.00	50.64 0.48 0.00	47.54 0.39 0.00
FALCON___SEABRD_CC2 323797	45.41 0.63 0.00	45.00 0.72 0.00	45.56 0.74 0.00	39.55 0.64 0.00	46.29 0.81 0.00	47.56 0.80 0.00	48.36 0.61 0.00	51.96 0.61 0.00	44.50 0.68 0.00	33.98 0.26 0.00	34.76 0.20 0.00	40.40 0.31 0.00	34.99 0.36 0.00	34.75 0.49 0.00	37.16 0.62 0.00	50.20 0.64 0.00	46.84 0.67 0.00	136.02 1.60 0.00	67.79 0.89 0.00	61.89 0.60 0.00	116.76 1.08 0.00	61.59 0.70 0.00	50.64 0.48 0.00	47.54 0.39 0.00

FAR ROCKAWAY___4 23548	47.69 2.92 0.00	46.73 2.45 0.00	47.19 2.37 0.00	40.94 2.04 0.00	47.61 2.13 0.00	49.20 2.44 0.00	50.90 3.14 0.00	54.74 3.39 0.00	54.05 3.57 -6.65	66.42 3.30 -29.40	73.58 3.34 -35.68	60.75 3.40 -17.25	54.49 2.69 -17.17	45.65 2.27 -9.11	41.93 2.24 -3.15	52.41 2.85 0.00	53.70 2.88 -4.64	141.70 7.28 0.00	70.80 3.90 0.00	65.39 4.10 0.00	123.45 7.77 0.00	65.06 4.17 0.00	53.79 3.51 -0.13	51.16 3.16 -0.86
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.99 2.21 0.00	46.20 1.93 0.00	46.63 1.81 0.00	40.40 1.49 0.00	47.11 1.63 0.00	48.62 1.86 0.00	50.30 2.55 0.00	54.48 3.14 0.00	46.84 3.02 0.00	37.68 2.92 -1.04	37.58 3.02 0.00	43.10 3.00 0.00	36.90 2.26 0.00	36.08 1.81 0.00	38.20 1.67 0.00	51.84 2.28 0.00	48.42 2.24 0.00	141.33 6.91 0.00	70.77 3.87 0.00	64.92 3.63 0.00	123.15 7.47 0.00	64.72 3.82 0.00	53.06 2.91 0.00	49.69 2.55 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.99 2.21 0.00	46.20 1.93 0.00	46.63 1.81 0.00	40.40 1.49 0.00	47.11 1.63 0.00	48.61 1.85 0.00	50.30 2.55 0.00	54.46 3.12 0.00	46.84 3.01 0.00	37.68 2.91 -1.04	37.58 3.02 0.00	43.09 3.00 0.00	36.90 2.26 0.00	36.07 1.80 0.00	38.20 1.66 0.00	51.82 2.27 0.00	48.39 2.22 0.00	141.33 6.91 0.00	70.76 3.87 0.00	64.91 3.62 0.00	123.15 7.47 0.00	64.70 3.81 0.00	53.06 2.91 0.00	49.69 2.55 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.97 2.19 0.00	46.18 1.90 0.00	46.61 1.79 0.00	40.39 1.48 0.00	47.10 1.62 0.00	48.61 1.84 0.00	50.27 2.52 0.00	54.44 3.10 0.00	46.81 2.99 0.00	37.67 2.90 -1.04	37.56 3.00 0.00	43.07 2.98 0.00	36.88 2.24 0.00	36.06 1.80 0.00	38.18 1.64 0.00	51.81 2.25 0.00	48.38 2.21 0.00	141.29 6.87 0.00	70.73 3.83 0.00	64.88 3.59 0.00	123.07 7.39 0.00	64.69 3.80 0.00	53.04 2.89 0.00	49.67 2.52 0.00
FARRAGUT___LBMP 323566	46.95 2.17 0.00	46.16 1.88 0.00	46.59 1.77 0.00	40.36 1.45 0.00	47.06 1.58 0.00	48.57 1.80 0.00	50.25 2.49 0.00	54.40 3.05 0.00	46.79 2.97 0.00	37.64 2.87 -1.04	37.54 2.98 0.00	43.04 2.95 0.00	36.86 2.22 0.00	36.03 1.77 0.00	38.16 1.62 0.00	51.78 2.22 0.00	48.35 2.17 0.00	141.19 6.77 0.00	70.69 3.80 0.00	64.83 3.53 0.00	123.00 7.32 0.00	64.63 3.74 0.00	53.00 2.85 0.00	49.63 2.49 0.00
FARRCKWY_69_KV_BK2 55825	47.69 2.92 0.00	46.73 2.45 0.00	47.19 2.37 0.00	40.94 2.04 0.00	47.61 2.13 0.00	49.20 2.44 0.00	50.90 3.14 0.00	54.74 3.39 0.00	54.05 3.57 -6.65	66.42 3.30 -29.40	73.58 3.34 -35.68	60.75 3.40 -17.25	54.49 2.69 -17.17	45.65 2.27 -9.11	41.93 2.24 -3.15	52.41 2.85 0.00	53.70 2.88 -4.64	141.70 7.28 0.00	70.80 3.90 0.00	65.39 4.10 0.00	123.45 7.77 0.00	65.06 4.17 0.00	53.79 3.51 -0.13	51.16 3.16 -0.86
FENNER___WINDPWR 24204	45.43 0.66 0.00	44.82 0.55 0.00	45.36 0.53 0.00	39.35 0.44 0.00	45.96 0.48 0.00	47.39 0.62 0.00	48.64 0.88 0.00	52.17 0.83 0.00	44.38 0.56 0.00	34.18 0.32 -0.13	34.76 0.20 0.00	40.17 0.07 0.00	34.61 -0.03 0.00	34.24 -0.03 0.00	36.57 0.03 0.00	49.77 0.21 0.00	46.50 0.33 0.00	135.29 0.87 0.00	67.44 0.54 0.00	62.00 0.70 0.00	117.25 1.57 0.00	61.64 0.74 0.00	50.59 0.44 0.00	47.51 0.36 0.00
FIBERTEK___ENERGY 23856	44.28 -0.45 0.05	43.55 -0.46 0.27	44.41 -0.42 0.00	38.54 -0.37 0.00	45.10 -0.37 0.00	46.50 -0.26 0.00	47.74 -0.02 0.00	51.20 -0.15 0.00	43.53 -0.29 0.00	33.70 -0.13 -0.11	34.30 -0.26 0.00	38.89 -0.49 0.71	34.07 -0.40 0.17	33.85 -0.42 0.00	36.11 -0.43 0.00	49.03 -0.52 0.00	45.70 -0.47 0.00	133.01 -1.41 0.00	66.14 -0.76 0.00	60.66 -0.63 0.00	114.38 -1.30 0.00	60.25 -0.64 0.00	49.54 -0.62 0.00	46.54 -0.61 0.00
FITZPATRICK___ 23598	43.32 -1.46 0.00	42.84 -1.44 0.00	43.43 -1.39 0.00	37.70 -1.21 0.00	44.11 -1.37 0.00	45.46 -1.30 0.00	46.59 -1.16 0.00	50.03 -1.31 0.00	42.63 -1.19 0.00	32.99 -0.80 -0.06	33.69 -0.87 0.00	38.93 -1.17 0.00	33.62 -1.02 0.00	33.24 -1.03 0.00	35.45 -1.09 0.00	48.13 -1.43 0.00	44.85 -1.33 0.00	130.38 -4.04 0.00	64.73 -2.16 0.00	59.23 -2.06 0.00	111.72 -3.96 0.00	58.83 -2.07 0.00	48.41 -1.75 0.00	45.52 -1.63 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	47.02 2.24 0.00	46.23 1.95 0.00	46.68 1.86 0.00	40.47 1.56 0.00	47.22 1.74 0.00	48.73 1.96 0.00	50.34 2.59 0.00	54.43 3.09 0.00	46.69 2.86 0.00	37.40 2.63 -1.05	37.21 2.65 0.00	42.71 2.61 0.00	36.55 1.92 0.00	35.92 1.65 0.00	38.12 1.58 0.00	51.75 2.19 0.00	48.37 2.19 0.00	141.41 6.99 0.00	70.81 3.91 0.00	65.05 3.76 0.00	123.16 7.48 0.00	64.72 3.83 0.00	53.10 2.95 0.00	49.75 2.60 0.00
FORT ORANGE___ 23900	45.61 0.83 0.00	44.95 0.67 0.00	45.45 0.62 0.00	39.57 0.66 0.00	46.07 0.59 0.00	47.49 0.73 0.00	48.91 1.16 0.00	52.80 1.46 0.00	45.14 1.31 0.00	36.07 1.16 -1.18	35.66 1.10 0.00	41.03 0.93 0.00	35.13 0.49 0.00	34.77 0.50 0.00	37.01 0.47 0.00	50.33 0.77 0.00	46.85 0.67 0.00	136.62 2.20 0.00	68.20 1.30 0.00	62.72 1.43 0.00	118.54 2.86 0.00	62.40 1.51 0.00	51.41 1.26 0.00	48.26 1.11 0.00
FORT_DRUM_COGEN 23780	44.33 -0.44 0.00	43.72 -0.56 0.00	44.19 -0.64 0.00	38.29 -0.62 0.00	44.27 -1.21 0.00	45.75 -1.01 0.00	46.96 -0.80 0.00	50.26 -1.09 0.00	42.51 -1.32 0.00	32.08 -1.70 -0.06	32.31 -2.25 0.00	37.77 -2.33 0.00	32.87 -1.77 0.00	32.20 -2.07 0.00	34.35 -2.19 0.00	46.97 -2.59 0.00	43.80 -2.37 0.00	128.05 -6.37 0.00	64.63 -2.27 0.00	59.77 -1.52 0.00	113.87 -1.81 0.00	59.72 -1.17 0.00	48.74 -1.41 0.00	45.53 -1.62 0.00
FOX_HILLS___ESR 323835	47.30 2.52 0.00	46.49 2.21 0.00	46.80 1.97 0.00	40.53 1.63 0.00	47.24 1.77 0.00	48.77 2.01 0.00	50.50 2.75 0.00	54.69 3.35 0.00	47.01 3.19 0.00	37.81 3.04 -1.04	37.68 3.12 0.00	43.21 3.11 0.00	36.97 2.33 0.00	36.19 1.92 0.00	38.26 1.72 0.00	51.97 2.41 0.00	48.49 2.32 0.00	141.58 7.17 0.00	71.00 4.11 0.00	65.16 3.86 0.00	123.72 8.04 0.00	64.93 4.04 0.00	53.28 3.13 0.00	49.91 2.77 0.00
FPL_FAR_ROCK_GT1 24212	47.69 2.91 0.00	46.74 2.46 0.00	47.19 2.37 0.00	40.94 2.03 0.00	47.60 2.12 0.00	49.20 2.43 0.00	50.90 3.14 0.00	54.74 3.39 0.00	54.05 3.57 -6.65	66.42 3.30 -29.40	73.58 3.34 -35.68	60.75 3.40 -17.25	54.49 2.69 -17.17	45.65 2.27 -9.11	41.93 2.25 -3.15	52.41 2.85 0.00	53.70 2.89 -4.64	141.69 7.28 0.00	70.81 3.91 0.00	65.39 4.10 0.00	123.45 7.77 0.00	65.06 4.17 0.00	53.80 3.51 -0.13	51.18 3.17 -0.86
FPL_FAR_ROCK_GT2 23815	47.69 2.91 0.00	46.74 2.46 0.00	47.19 2.37 0.00	40.94 2.03 0.00	47.60 2.12 0.00	49.20 2.43 0.00	50.90 3.14 0.00	54.74 3.39 0.00	54.05 3.57 -6.65	66.42 3.30 -29.40	73.58 3.34 -35.68	60.75 3.40 -17.25	54.49 2.69 -17.17	45.65 2.27 -9.11	41.93 2.25 -3.15	52.41 2.85 0.00	53.70 2.89 -4.64	141.69 7.28 0.00	70.81 3.91 0.00	65.39 4.10 0.00	123.45 7.77 0.00	65.06 4.17 0.00	53.80 3.51 -0.13	51.18 3.17 -0.86

FRANKLIN_FALL_HYD 24054	44.85 0.07 0.00	44.49 0.21 0.00	45.05 0.23 0.00	39.09 0.18 0.00	45.75 0.27 0.00	47.00 0.24 0.00	47.68 -0.07 0.00	51.25 -0.10 0.00	43.89 0.07 0.00	33.37 -0.35 0.00	34.14 -0.41 0.00	39.95 -0.15 0.00	34.63 -0.01 0.00	34.26 -0.02 0.00	36.64 0.10 0.00	49.41 -0.15 0.00	46.23 0.05 0.00	134.04 -0.38 0.00	66.87 -0.03 0.00	61.08 -0.21 0.00	115.29 -0.39 0.00	60.87 -0.02 0.00	50.01 -0.14 0.00	47.04 -0.11 0.00
FREEPORT_EQUS_GT1 23764	47.44 2.66 0.00	46.46 2.18 0.00	46.90 2.08 0.00	40.70 1.79 0.00	47.31 1.84 0.00	48.90 2.14 0.00	50.58 2.82 0.00	54.45 3.11 0.00	52.05 3.33 -4.90	58.75 3.11 -21.92	63.98 3.15 -26.27	55.99 3.19 -12.70	49.78 2.50 -12.64	43.11 2.13 -6.71	40.91 2.06 -2.32	52.14 2.58 0.00	52.23 2.64 -3.42	141.01 6.59 0.00	70.38 3.49 0.00	64.97 3.67 0.00	122.71 7.03 0.00	64.69 3.80 0.00	53.47 3.23 -0.10	50.69 2.91 -0.64
FREEPORT___CT2 23818	47.44 2.66 0.00	46.46 2.18 0.00	46.90 2.08 0.00	40.70 1.79 0.00	47.31 1.84 0.00	48.90 2.14 0.00	50.58 2.82 0.00	54.45 3.11 0.00	52.05 3.33 -4.90	58.75 3.11 -21.92	63.98 3.15 -26.27	55.99 3.19 -12.70	49.78 2.50 -12.64	43.11 2.13 -6.71	40.91 2.06 -2.32	52.14 2.58 0.00	52.23 2.64 -3.42	141.01 6.59 0.00	70.38 3.49 0.00	64.97 3.67 0.00	122.71 7.03 0.00	64.69 3.80 0.00	53.47 3.23 -0.10	50.69 2.91 -0.64
FRESHKLS_33_KV_LOAD 356253	47.45 2.67 0.00	46.61 2.33 0.00	46.81 1.98 0.00	40.53 1.63 0.00	47.25 1.77 0.00	48.79 2.02 0.00	50.50 2.75 0.00	54.71 3.37 0.00	47.02 3.19 0.00	37.80 3.03 -1.04	37.66 3.10 0.00	43.19 3.10 0.00	36.91 2.28 0.00	36.15 1.88 0.00	38.20 1.66 0.00	51.91 2.35 0.00	48.44 2.26 0.00	141.45 7.04 0.00	70.99 4.09 0.00	65.17 3.87 0.00	123.78 8.10 0.00	64.96 4.07 0.00	53.30 3.16 0.00	49.94 2.79 0.00
FULTON COGEN____ 23766	43.41 -1.37 0.00	42.90 -1.38 0.00	43.47 -1.35 0.00	37.73 -1.17 0.00	44.13 -1.35 0.00	45.48 -1.28 0.00	46.64 -1.11 0.00	50.10 -1.24 0.00	42.66 -1.17 0.00	33.02 -0.79 -0.09	33.65 -0.91 0.00	38.86 -1.23 0.00	33.56 -1.08 0.00	33.16 -1.11 0.00	35.35 -1.19 0.00	48.01 -1.55 0.00	44.73 -1.44 0.00	130.10 -4.32 0.00	64.69 -2.20 0.00	59.34 -1.96 0.00	111.97 -3.72 0.00	58.95 -1.94 0.00	48.48 -1.67 0.00	45.56 -1.59 0.00
FULTON___LFGE 323630	46.77 1.99 0.00	46.15 1.87 0.00	46.68 1.86 0.00	40.51 1.60 0.00	47.41 1.93 0.00	48.88 2.11 0.00	50.48 2.72 0.00	53.88 2.54 0.00	44.90 1.07 0.00	35.91 0.91 -1.27	35.30 0.74 0.00	40.77 0.04 -0.64	34.54 -0.25 -0.15	33.90 -0.37 0.00	36.25 -0.29 0.00	49.56 0.00 0.00	46.48 0.31 0.00	140.32 3.50 -2.40	68.87 1.98 0.00	64.46 3.16 0.00	122.36 6.68 0.00	64.10 3.21 0.00	52.66 2.51 0.00	49.40 2.25 0.00
G.F.CEMENT___DRP 24184	46.53 1.75 0.00	45.81 1.53 0.00	46.42 1.60 0.00	40.29 1.39 0.00	47.14 1.67 0.00	48.64 1.87 0.00	50.64 2.89 0.00	54.62 3.28 0.00	46.61 2.79 0.00	37.20 2.26 -1.21	36.82 2.26 0.00	42.24 2.14 0.00	35.92 1.28 0.00	35.59 1.33 0.00	37.90 1.37 0.00	51.52 1.96 0.00	48.02 1.84 0.00	140.70 6.28 0.00	70.64 3.75 0.00	65.29 3.99 0.00	123.31 7.64 0.00	65.20 4.30 0.00	53.49 3.33 0.00	50.14 3.00 0.00
GARDENVILLE___LBMP 24039	41.53 -2.87 0.37	39.82 -2.58 1.87	42.00 -2.82 0.00	36.42 -2.48 0.00	43.14 -2.34 0.00	44.95 -1.82 0.00	46.63 -1.12 0.00	49.70 -1.65 0.00	42.17 -1.65 0.00	32.78 -1.10 -0.15	33.25 -1.30 0.00	32.85 -2.24 5.01	31.77 -1.67 1.19	32.80 -1.46 0.00	35.03 -1.51 0.00	47.29 -2.27 0.00	43.71 -2.46 0.00	106.84 -8.65 18.93	60.65 -4.20 2.04	58.34 -2.95 0.00	109.20 -6.48 0.00	57.98 -2.91 0.00	47.99 -2.15 0.00	45.01 -2.13 0.00
GARDNVLA_35_KV_LD 355827	41.64 -2.77 0.37	39.91 -2.49 1.88	42.08 -2.74 0.00	36.49 -2.41 0.00	43.22 -2.26 0.00	45.05 -1.72 0.00	46.74 -1.01 0.00	49.80 -1.54 0.00	42.28 -1.54 0.00	32.86 -1.01 -0.15	33.35 -1.21 0.00	32.94 -2.14 5.02	31.87 -1.57 1.19	32.89 -1.37 0.00	35.14 -1.40 0.00	47.43 -2.14 0.00	43.87 -2.31 0.00	107.27 -8.17 18.98	61.25 -3.96 1.68	58.54 -2.75 0.00	109.57 -6.11 0.00	58.18 -2.71 0.00	48.14 -2.01 0.00	45.13 -2.02 0.00
GELCKHM___115KV_LOAD 80723	44.05 -0.68 0.04	43.36 -0.69 0.22	44.16 -0.67 0.00	38.32 -0.59 0.00	44.84 -0.64 0.00	46.23 -0.54 0.00	47.44 -0.31 0.00	50.91 -0.44 0.00	43.32 -0.51 0.00	33.54 -0.28 -0.10	34.15 -0.41 0.00	38.85 -0.66 0.58	33.95 -0.55 0.14	33.69 -0.58 0.00	35.93 -0.61 0.00	48.79 -0.77 0.00	45.48 -0.70 0.00	132.31 -2.11 0.00	65.76 -1.13 0.00	60.30 -0.99 0.00	113.71 -1.97 0.00	59.91 -0.98 0.00	49.28 -0.88 0.00	46.29 -0.85 0.00
GENERAL___MILLS 23808	41.58 -2.82 0.37	39.87 -2.53 1.88	42.04 -2.78 0.00	36.46 -2.45 0.00	43.18 -2.30 0.00	45.00 -1.76 0.00	46.68 -1.07 0.00	49.75 -1.60 0.00	42.22 -1.60 0.00	32.81 -1.06 -0.15	33.30 -1.26 0.00	32.89 -2.19 5.01	31.82 -1.62 1.19	32.85 -1.42 0.00	35.08 -1.46 0.00	47.36 -2.20 0.00	43.80 -2.38 0.00	107.06 -8.40 18.96	61.04 -4.08 1.78	58.44 -2.85 0.00	109.39 -6.29 0.00	58.07 -2.82 0.00	48.06 -2.09 0.00	45.07 -2.08 0.00
GE_PLASTICS___DRP 24183	45.55 0.77 0.00	44.91 0.63 0.00	45.42 0.59 0.00	39.49 0.58 0.00	46.04 0.56 0.00	47.44 0.68 0.00	48.82 1.07 0.00	52.67 1.33 0.00	45.03 1.21 0.00	36.02 1.12 -1.18	35.66 1.10 0.00	41.05 0.96 0.00	35.19 0.55 0.00	34.81 0.54 0.00	37.05 0.52 0.00	50.37 0.81 0.00	46.89 0.71 0.00	136.67 2.26 0.00	68.17 1.28 0.00	62.60 1.31 0.00	118.25 2.57 0.00	62.26 1.37 0.00	51.28 1.13 0.00	48.16 1.01 0.00
GILBOA___1 23756	45.82 1.00 -0.04	45.33 0.83 -0.22	45.61 0.78 0.00	39.58 0.68 0.00	46.21 0.73 0.00	47.63 0.87 0.00	49.01 1.27 0.00	52.86 1.51 0.00	45.18 1.35 0.00	35.98 1.29 -0.97	35.84 1.28 0.00	41.83 1.17 -0.57	35.54 0.77 -0.13	35.00 0.73 0.00	37.26 0.72 0.00	50.59 1.03 0.00	47.17 0.99 0.00	137.54 3.13 0.00	68.61 1.71 0.00	62.91 1.62 0.00	118.71 3.03 0.00	62.50 1.60 0.00	51.52 1.37 0.00	48.45 1.30 0.00
GILBOA___2 23757	45.82 1.00 -0.04	45.33 0.83 -0.22	45.61 0.78 0.00	39.58 0.68 0.00	46.21 0.73 0.00	47.63 0.87 0.00	49.01 1.27 0.00	52.86 1.51 0.00	45.18 1.35 0.00	35.98 1.29 -0.97	35.84 1.28 0.00	41.83 1.17 -0.57	35.54 0.77 -0.13	35.00 0.73 0.00	37.26 0.72 0.00	50.59 1.03 0.00	47.17 0.99 0.00	137.54 3.13 0.00	68.61 1.71 0.00	62.91 1.62 0.00	118.71 3.03 0.00	62.50 1.60 0.00	51.52 1.37 0.00	48.45 1.30 0.00
GILBOA___3 23758	45.82 1.00 -0.04	45.33 0.83 -0.22	45.61 0.78 0.00	39.58 0.68 0.00	46.21 0.73 0.00	47.63 0.87 0.00	49.01 1.27 0.00	52.86 1.51 0.00	45.18 1.35 0.00	35.98 1.29 -0.97	35.84 1.28 0.00	41.83 1.17 -0.57	35.54 0.77 -0.13	35.00 0.73 0.00	37.26 0.72 0.00	50.59 1.03 0.00	47.17 0.99 0.00	137.54 3.13 0.00	68.61 1.71 0.00	62.91 1.62 0.00	118.71 3.03 0.00	62.50 1.60 0.00	51.52 1.37 0.00	48.45 1.30 0.00

GILBOA___4 23759	45.82 1.00 -0.04	45.33 0.83 -0.22	45.61 0.78 0.00	39.58 0.68 0.00	46.21 0.73 0.00	47.63 0.87 0.00	49.01 1.27 0.00	52.86 1.51 0.00	45.18 1.35 0.00	35.98 1.29 -0.97	35.84 1.28 0.00	41.83 1.17 -0.57	35.54 0.77 -0.13	35.00 0.73 0.00	37.26 0.72 0.00	50.59 1.03 0.00	47.17 0.99 0.00	137.54 3.13 0.00	68.61 1.71 0.00	62.91 1.62 0.00	118.71 3.03 0.00	62.50 1.60 0.00	51.52 1.37 0.00	48.45 1.30 0.00
GILBOA____ 23599	45.83 1.01 -0.04	45.33 0.83 -0.22	45.61 0.78 0.00	39.58 0.68 0.00	46.22 0.74 0.00	47.63 0.87 0.00	49.02 1.27 0.00	52.86 1.51 0.00	45.18 1.35 0.00	35.98 1.29 -0.97	35.84 1.28 0.00	41.83 1.16 -0.57	35.54 0.77 -0.13	35.00 0.73 0.00	37.26 0.72 0.00	50.59 1.03 0.00	47.17 0.99 0.00	137.54 3.12 0.00	68.61 1.71 0.00	62.91 1.62 0.00	118.71 3.03 0.00	62.50 1.61 0.00	51.52 1.37 0.00	48.44 1.30 0.00
GINNA____ 23603	41.48 -3.13 0.17	40.35 -3.06 0.87	41.69 -3.13 0.00	36.18 -2.73 0.00	42.52 -2.96 0.00	44.02 -2.75 0.00	45.29 -2.46 0.00	48.43 -2.91 0.00	41.07 -2.75 0.00	31.88 -1.95 -0.11	32.41 -2.15 0.00	34.96 -2.82 2.32	31.76 -2.33 0.55	32.06 -2.21 0.00	34.32 -2.22 0.00	46.61 -2.95 0.00	43.44 -2.74 0.00	118.12 -8.36 7.93	62.61 -4.29 0.00	57.59 -3.70 0.00	108.51 -7.17 0.00	57.18 -3.71 0.00	47.09 -3.06 0.00	44.16 -2.98 0.00
GLEN PARK____ 23778	44.42 -0.35 0.00	43.80 -0.48 0.00	44.24 -0.58 0.00	38.35 -0.56 0.00	44.36 -1.12 0.00	45.87 -0.90 0.00	47.10 -0.66 0.00	50.41 -0.93 0.00	42.64 -1.18 0.00	32.14 -1.65 -0.06	32.29 -2.27 0.00	37.74 -2.36 0.00	32.85 -1.79 0.00	32.10 -2.17 0.00	34.27 -2.27 0.00	46.89 -2.67 0.00	43.72 -2.45 0.00	128.17 -6.25 0.00	64.85 -2.04 0.00	60.05 -1.24 0.00	114.41 -1.27 0.00	59.98 -0.92 0.00	48.93 -1.22 0.00	45.68 -1.46 0.00
GLENDALE_27_KV_LOAD 356172	47.08 2.31 0.00	46.30 2.03 0.00	46.72 1.89 0.00	40.47 1.56 0.00	47.17 1.69 0.00	48.68 1.91 0.00	50.35 2.60 0.00	54.51 3.17 0.00	46.91 3.08 0.00	37.79 3.02 -1.04	37.68 3.12 0.00	43.22 3.13 0.00	36.99 2.35 0.00	36.18 1.91 0.00	38.27 1.74 0.00	51.96 2.39 0.00	48.52 2.35 0.00	141.49 7.07 0.00	70.86 3.96 0.00	65.00 3.71 0.00	123.40 7.72 0.00	64.82 3.93 0.00	53.13 2.98 0.00	49.74 2.60 0.00
GLENWOOD_IC_1_G5 23712	47.30 2.52 0.00	46.39 2.11 0.00	46.82 2.00 0.00	40.61 1.70 0.00	47.28 1.80 0.00	48.83 2.07 0.00	50.50 2.75 0.00	54.50 3.15 0.00	52.96 3.20 -5.94	63.07 3.01 -26.34	69.44 3.05 -31.83	58.53 3.04 -15.39	52.31 2.36 -15.31	44.40 2.00 -8.13	41.28 1.93 -2.81	52.06 2.50 0.00	52.82 2.51 -4.14	141.19 6.78 0.00	70.56 3.67 0.00	64.97 3.68 0.00	122.91 7.23 0.00	64.70 3.80 0.00	53.35 3.08 -0.12	50.67 2.75 -0.77
GLENWOOD_IC_2_G1 23688	47.05 2.27 0.00	46.20 1.92 0.00	46.62 1.80 0.00	40.42 1.51 0.00	47.07 1.59 0.00	48.62 1.85 0.00	50.28 2.53 0.00	54.29 2.95 0.00	47.05 2.96 -0.28	38.73 2.81 -2.21	38.87 2.84 -1.46	43.64 2.83 -0.71	37.50 2.16 -0.71	36.45 1.80 -0.37	38.38 1.71 -0.13	51.79 2.23 0.00	48.61 2.25 -0.19	140.71 6.29 0.00	70.37 3.48 0.00	64.72 3.42 0.00	122.49 6.81 0.00	64.45 3.56 0.00	52.99 2.83 0.00	49.71 2.52 -0.04
GLENWOOD_IC_3_G1 23689	47.05 2.27 0.00	46.20 1.92 0.00	46.62 1.80 0.00	40.42 1.51 0.00	47.07 1.59 0.00	48.62 1.85 0.00	50.28 2.53 0.00	54.29 2.95 0.00	47.05 2.96 -0.28	38.73 2.81 -2.21	38.87 2.84 -1.46	43.64 2.83 -0.71	37.50 2.16 -0.71	36.45 1.80 -0.37	38.38 1.71 -0.13	51.79 2.23 0.00	48.61 2.25 -0.19	140.71 6.29 0.00	70.37 3.48 0.00	64.72 3.42 0.00	122.49 6.81 0.00	64.45 3.56 0.00	52.99 2.83 0.00	49.71 2.52 -0.04
GLENWOOD___4 23550	47.30 2.52 0.00	46.39 2.11 0.00	46.82 2.00 0.00	40.61 1.70 0.00	47.28 1.80 0.00	48.83 2.07 0.00	50.50 2.75 0.00	54.50 3.15 0.00	52.96 3.20 -5.94	63.07 3.01 -26.34	69.44 3.05 -31.83	58.53 3.04 -15.39	52.31 2.36 -15.31	44.40 2.00 -8.13	41.28 1.93 -2.81	52.06 2.50 0.00	52.82 2.51 -4.14	141.19 6.78 0.00	70.56 3.67 0.00	64.97 3.68 0.00	122.91 7.23 0.00	64.70 3.80 0.00	53.35 3.08 -0.12	50.67 2.75 -0.77
GLENWOOD___5 23614	47.30 2.52 0.00	46.39 2.11 0.00	46.82 2.00 0.00	40.61 1.70 0.00	47.28 1.80 0.00	48.83 2.07 0.00	50.50 2.75 0.00	54.50 3.15 0.00	52.96 3.20 -5.94	63.07 3.01 -26.34	69.44 3.05 -31.83	58.53 3.04 -15.39	52.31 2.36 -15.31	44.40 2.00 -8.13	41.28 1.93 -2.81	52.06 2.50 0.00	52.82 2.51 -4.14	141.19 6.78 0.00	70.56 3.67 0.00	64.97 3.68 0.00	122.91 7.23 0.00	64.70 3.80 0.00	53.35 3.08 -0.12	50.67 2.75 -0.77
GLOBAL GREEN_PORT_GT1 23814	46.63 1.85 0.00	45.64 1.36 0.00	46.11 1.28 0.00	39.94 1.03 0.00	46.50 1.02 0.00	48.47 1.71 0.00	50.55 2.80 0.00	54.41 3.06 0.00	50.99 3.47 -3.70	53.65 3.12 -16.81	57.87 3.47 -19.84	53.39 3.70 -9.59	47.19 3.01 -9.55	41.62 2.29 -5.07	40.35 2.06 -1.75	52.55 2.99 0.00	52.64 3.88 -2.58	144.88 10.47 0.00	72.58 5.68 0.00	67.22 5.92 0.00	124.52 8.85 0.00	65.81 4.92 0.00	55.15 4.93 -0.07	51.71 4.08 -0.48
GLOBE___DSASP 323697	40.43 -4.02 0.33	38.95 -3.66 1.66	40.90 -3.93 0.00	35.49 -3.42 0.00	42.05 -3.42 0.00	43.82 -2.95 0.00	45.38 -2.37 0.00	48.39 -2.96 0.00	41.15 -2.67 0.00	32.10 -1.77 -0.14	32.56 -1.99 0.00	32.64 -3.01 4.45	31.32 -2.26 1.06	32.17 -2.09 0.00	34.35 -2.18 0.00	46.36 -3.20 0.00	42.83 -3.34 0.00	106.61 -11.16 16.65	59.29 -6.18 1.43	56.28 -5.02 0.00	105.33 -10.35 0.00	55.96 -4.93 0.00	46.73 -3.42 0.00	43.88 -3.26 0.00
GOETHSLN___LBMP 323567	46.90 2.12 0.00	46.12 1.84 0.00	46.53 1.71 0.00	40.31 1.41 0.00	47.01 1.54 0.00	48.52 1.76 0.00	50.21 2.45 0.00	54.38 3.04 0.00	46.73 2.91 0.00	37.60 2.83 -1.04	37.50 2.94 0.00	42.99 2.90 0.00	36.81 2.17 0.00	36.02 1.76 0.00	38.14 1.60 0.00	51.74 2.18 0.00	48.29 2.12 0.00	140.95 6.53 0.00	70.61 3.71 0.00	64.79 3.50 0.00	122.89 7.21 0.00	64.56 3.68 0.00	52.93 2.78 0.00	49.58 2.43 0.00
GOLAH___69_KV_TB 1_2 80279	43.30 -1.28 0.20	42.13 -1.14 1.01	43.55 -1.27 0.00	37.79 -1.11 0.00	44.51 -0.96 0.00	46.18 -0.58 0.00	47.61 -0.14 0.00	50.78 -0.57 0.00	42.89 -0.94 0.00	33.24 -0.59 -0.12	33.79 -0.77 0.00	36.10 -1.32 2.68	33.07 -0.93 0.64	33.46 -0.81 0.00	35.82 -0.72 0.00	48.68 -0.88 0.00	45.34 -0.84 0.00	121.96 -3.02 9.44	65.39 -1.51 0.00	60.34 -0.95 0.00	113.53 -2.15 0.00	59.95 -0.94 0.00	49.42 -0.73 0.00	46.31 -0.83 0.00
GOODYEAR_LAKE_HYD 323669	46.44 1.56 -0.10	46.15 1.37 -0.51	46.17 1.35 0.00	40.03 1.12 0.00	46.84 1.37 0.00	48.43 1.66 0.00	51.68 3.93 0.00	55.40 4.06 0.00	46.80 2.98 0.00	35.96 2.08 -0.16	36.41 1.85 0.00	44.10 1.68 -2.32	36.50 1.31 -0.55	35.48 1.22 0.00	38.06 1.53 0.00	52.21 2.65 0.00	48.90 2.73 0.00	155.36 7.95 -12.99	71.17 4.28 0.00	65.83 4.54 0.00	123.34 7.66 0.00	63.45 2.56 0.00	52.15 2.00 0.00	48.94 1.80 0.00

GOUDEY___7	45.32	46.33	44.83	38.90	45.54	46.98	48.47	52.06	44.25	34.47	34.88	45.66	35.92	33.91	36.11	49.07	45.74	162.93	66.30	61.10	114.83	60.38	49.58	46.60
345031	0.16	0.04	0.01	-0.01	0.06	0.22	0.72	0.71	0.43	0.40	0.32	0.05	-0.03	-0.35	-0.43	-0.49	-0.43	-1.56	-0.60	-0.20	-0.86	-0.51	-0.57	-0.54
	-0.39	-2.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	0.00	-5.51	-1.31	0.00	0.00	0.00	0.00	-30.07	0.00	0.00	0.00	0.00	0.00	0.00
GOUDEY___8	45.32	46.33	44.83	38.90	45.54	46.98	48.47	52.06	44.25	34.47	34.88	45.66	35.92	33.91	36.11	49.07	45.74	162.93	66.30	61.10	114.83	60.38	49.58	46.60
23579	0.16	0.04	0.01	-0.01	0.06	0.22	0.72	0.71	0.43	0.40	0.32	0.05	-0.03	-0.35	-0.43	-0.49	-0.43	-1.56	-0.60	-0.20	-0.86	-0.51	-0.57	-0.54
	-0.39	-2.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.34	0.00	-5.51	-1.31	0.00	0.00	0.00	0.00	-30.07	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_1	47.22	46.41	46.72	40.47	47.18	48.70	50.40	54.59	46.94	37.79	37.65	43.18	36.96	36.16	38.25	51.93	48.48	141.45	70.92	65.06	123.52	64.86	53.19	49.81
24077	2.44	2.13	1.90	1.56	1.71	1.93	2.65	3.25	3.11	3.02	3.09	3.09	2.32	1.89	1.71	2.37	2.30	7.04	4.02	3.77	7.84	3.97	3.04	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_2	47.22	46.41	46.72	40.47	47.18	48.70	50.40	54.59	46.94	37.79	37.65	43.18	36.96	36.16	38.25	51.93	48.48	141.45	70.92	65.06	123.52	64.86	53.19	49.81
24078	2.44	2.13	1.90	1.56	1.71	1.93	2.65	3.25	3.11	3.02	3.09	3.09	2.32	1.89	1.71	2.37	2.30	7.04	4.02	3.77	7.84	3.97	3.04	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_3	47.22	46.41	46.72	40.47	47.18	48.70	50.40	54.59	46.94	37.79	37.65	43.18	36.96	36.16	38.25	51.93	48.48	141.45	70.92	65.06	123.52	64.86	53.19	49.81
24079	2.44	2.13	1.90	1.56	1.71	1.93	2.65	3.25	3.11	3.02	3.09	3.09	2.32	1.89	1.71	2.37	2.30	7.04	4.02	3.77	7.84	3.97	3.04	2.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_4	47.22	46.41	46.72	40.47	47.18	48.70	50.40	54.59	46.94	37.79	37.65	43.18	36.96	36.16	38.25	51.93	48.48	141.45	70.92	65.06	123.52	64.86	53.19	49.81
24080	2.44	2.13	1.90	1.56	1.71	1.93	2.65	3.25	3.11	3.02	3.09	3.09	2.32	1.89	1.71	2.37	2.30	7.04	4.02	3.77	7.84	3.97	3.04	2.66
	0.00	0.00	0.00	0.00	0.0																			

GOWANUS_GT2_5 24118	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT2_6 24119	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT2_7 24120	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT2_8 24121	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_1 24122	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_2 24123	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_3 24124	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_4 24125	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_5 24126	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_6 24127	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_7 24128	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT3_8 24129	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
GOWANUS_GT4_1 24130	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GOWANUS_GT4_2 24131	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GOWANUS_GT4_3 24132	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00

GOWANUS_GT4_4 24133	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GOWANUS_GT4_5 24134	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GOWANUS_GT4_6 24135	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GOWANUS_GT4_7 24136	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GOWANUS_GT4_8 24137	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GREENBSH_115KV_TB3 55895	45.36 0.59 0.00	44.73 0.45 0.00	45.22 0.39 0.00	39.37 0.47 0.00	45.83 0.36 0.00	47.23 0.47 0.00	48.64 0.89 0.00	52.51 1.17 0.00	44.90 1.08 0.00	35.94 1.03 -1.19	35.57 1.01 0.00	40.93 0.84 0.00	35.06 0.42 0.00	34.70 0.43 0.00	36.93 0.39 0.00	50.23 0.67 0.00	46.72 0.55 0.00	136.21 1.79 0.00	67.92 1.03 0.00	62.36 1.07 0.00	117.87 2.19 0.00	62.06 1.17 0.00	51.09 0.94 0.00	47.98 0.83 0.00
GREENDGE_115KV_TB5 80291	43.23 -1.07 0.47	40.73 -1.12 2.43	43.57 -1.25 0.00	37.75 -1.15 0.00	44.49 -0.99 0.00	46.07 -0.70 0.00	47.66 -0.09 0.00	50.72 -0.63 0.00	42.85 -0.98 0.00	32.95 -0.95 -0.18	33.32 -1.24 0.00	31.77 -1.85 6.48	31.60 -1.50 1.54	32.88 -1.39 0.00	35.28 -1.26 0.00	47.91 -1.65 0.00	44.69 -1.48 0.00	105.15 -4.79 24.48	67.14 -2.00 -2.25	60.31 -0.98 0.00	112.89 -2.79 0.00	59.75 -1.14 0.00	49.09 -1.06 0.00	46.21 -0.93 0.00
GREENIDGE___3 23582	43.23 -1.07 0.47	40.73 -1.12 2.43	43.57 -1.25 0.00	37.75 -1.15 0.00	44.49 -0.99 0.00	46.07 -0.70 0.00	47.66 -0.09 0.00	50.72 -0.63 0.00	42.85 -0.98 0.00	32.95 -0.95 -0.18	33.32 -1.24 0.00	31.77 -1.85 6.48	31.60 -1.50 1.54	32.88 -1.39 0.00	35.28 -1.26 0.00	47.91 -1.65 0.00	44.69 -1.48 0.00	105.15 -4.79 24.48	67.14 -2.00 -2.25	60.31 -0.98 0.00	112.89 -2.79 0.00	59.75 -1.14 0.00	49.09 -1.06 0.00	46.21 -0.93 0.00
GREENIDGE___4 23583	43.23 -1.07 0.47	40.73 -1.13 2.43	43.57 -1.25 0.00	37.75 -1.15 0.00	44.49 -0.99 0.00	46.07 -0.70 0.00	47.66 -0.09 0.00	50.73 -0.61 0.00	42.84 -0.99 0.00	32.94 -0.96 -0.18	33.32 -1.24 0.00	31.75 -1.87 6.48	31.59 -1.51 1.54	32.87 -1.40 0.00	35.27 -1.27 0.00	47.91 -1.65 0.00	44.69 -1.48 0.00	105.10 -4.84 24.48	67.13 -2.01 -2.25	60.31 -0.98 0.00	112.89 -2.79 0.00	59.73 -1.16 0.00	49.08 -1.07 0.00	46.22 -0.93 0.00
GREENLWN_69_KV_BK 3 55738	47.00 2.23 0.00	46.02 1.75 0.00	46.44 1.62 0.00	40.32 1.41 0.00	46.86 1.38 0.00	48.43 1.67 0.00	50.04 2.29 0.00	53.83 2.49 0.00	50.48 2.86 -3.79	53.65 2.73 -17.20	57.53 2.64 -20.33	52.48 2.56 -9.83	46.54 2.13 -9.78	41.25 1.79 -5.19	40.08 1.75 -1.80	51.60 2.04 0.00	51.00 2.18 -2.64	138.98 4.56 0.00	69.21 2.32 0.00	63.90 2.60 0.00	120.57 4.89 0.00	63.55 2.67 0.00	52.61 2.39 -0.07	49.88 2.24 -0.49
GREENWD_138_KV_38B11_REV_LBMP_J 345004	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00
GRISSOM___SOLAR 323813	46.72 1.95 0.00	46.09 1.81 0.00	46.63 1.81 0.00	40.45 1.54 0.00	47.32 1.85 0.00	48.79 2.03 0.00	50.35 2.60 0.00	53.77 2.42 0.00	44.72 0.89 0.00	35.85 0.87 -1.26	35.21 0.65 0.00	40.55 -0.14 -0.59	34.35 -0.43 -0.14	33.73 -0.54 0.00	36.05 -0.48 0.00	49.25 -0.31 0.00	46.11 -0.07 0.00	137.22 2.80 0.00	68.48 1.58 0.00	64.33 3.04 0.00	122.12 6.45 0.00	64.05 3.15 0.00	52.63 2.48 0.00	49.37 2.22 0.00
GROVEVILLE___HYD 323602	47.02 2.24 0.00	46.23 1.95 0.00	46.68 1.86 0.00	40.47 1.56 0.00	47.22 1.74 0.00	48.73 1.96 0.00	50.34 2.59 0.00	54.43 3.09 0.00	46.69 2.86 0.00	37.40 2.63 -1.05	37.21 2.65 0.00	42.71 2.61 0.00	36.55 1.92 0.00	35.92 1.65 0.00	38.12 1.58 0.00	51.75 2.19 0.00	48.37 2.19 0.00	141.41 6.99 0.00	70.81 3.91 0.00	65.05 3.76 0.00	123.16 7.48 0.00	64.72 3.83 0.00	53.10 2.95 0.00	49.75 2.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	44.28 -0.45 0.05	43.55 -0.46 0.27	44.41 -0.42 0.00	38.54 -0.37 0.00	45.10 -0.37 0.00	46.50 -0.26 0.00	47.74 -0.02 0.00	51.20 -0.15 0.00	43.53 -0.29 0.00	33.70 -0.13 -0.11	34.30 -0.26 0.00	38.89 -0.49 0.71	34.07 -0.40 0.17	33.85 -0.42 0.00	36.11 -0.43 0.00	49.03 -0.52 0.00	45.70 -0.47 0.00	133.01 -1.41 0.00	66.14 -0.76 0.00	60.66 -0.63 0.00	114.38 -1.30 0.00	60.25 -0.64 0.00	49.54 -0.62 0.00	46.54 -0.61 0.00
HAMLTNNY_34_KV_TB 80303	44.32 -0.38 0.07	43.54 -0.37 0.36	44.49 -0.33 0.00	38.60 -0.30 0.00	45.20 -0.28 0.00	46.62 -0.14 0.00	47.85 0.10 0.00	51.27 -0.07 0.00	43.54 -0.28 0.00	33.67 -0.17 -0.11	34.22 -0.34 0.00	38.54 -0.60 0.95	33.94 -0.47 0.23	33.81 -0.45 0.00	36.10 -0.43 0.00	49.02 -0.54 0.00	45.67 -0.50 0.00	133.06 -1.36 0.00	66.21 -0.69 0.00	60.76 -0.54 0.00	114.56 -1.13 0.00	60.39 -0.51 0.00	49.63 -0.52 0.00	46.61 -0.53 0.00

HAMPSHIRE___PAPER_HYD 323593	43.93 -0.85 0.00	43.47 -0.80 0.00	43.97 -0.85 0.00	38.12 -0.78 0.00	44.30 -1.17 0.00	45.55 -1.22 0.00	46.39 -1.35 0.00	49.75 -1.59 0.00	42.34 -1.48 0.00	31.90 -1.86 -0.03	32.40 -2.16 0.00	38.17 -1.93 0.00	33.10 -1.54 0.00	32.65 -1.62 0.00	34.80 -1.73 0.00	47.17 -2.39 0.00	44.09 -2.08 0.00	128.23 -6.19 0.00	64.26 -2.63 0.00	59.08 -2.22 0.00	112.09 -3.59 0.00	59.08 -1.81 0.00	48.56 -1.59 0.00	45.50 -1.65 0.00
HARDSCRABBLE_WT_PWR 323673	45.67 0.90 0.00	44.70 0.42 0.00	45.16 0.34 0.00	39.25 0.34 0.00	45.72 0.24 0.00	47.05 0.29 0.00	48.78 1.02 0.00	52.36 1.02 0.00	44.05 0.23 0.00	34.20 0.47 0.00	34.99 0.42 0.00	39.44 -0.66 0.00	33.68 -0.96 0.00	32.91 -1.36 0.00	35.14 -1.40 0.00	48.60 -0.96 0.00	45.20 -0.97 0.00	134.37 -0.05 0.00	67.42 0.52 0.00	62.96 1.66 0.00	119.15 3.47 0.00	62.35 1.46 0.00	51.35 1.20 0.00	48.25 1.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.93 2.11 -0.04	46.27 1.79 -0.21	46.48 1.65 0.00	40.28 1.37 0.00	47.00 1.53 0.00	48.50 1.73 0.00	50.14 2.39 0.00	54.24 2.89 0.00	46.48 2.66 0.00	37.23 2.49 -1.01	37.03 2.47 0.00	43.03 2.38 -0.55	36.55 1.78 -0.13	35.82 1.55 0.00	38.03 1.49 0.00	51.57 2.01 0.00	48.17 1.99 0.00	140.66 6.24 0.00	70.44 3.55 0.00	64.73 3.43 0.00	122.62 6.94 0.00	64.39 3.50 0.00	52.84 2.69 0.00	49.51 2.37 0.00
HARSNRAD_115KV_TB1 81005	41.08 -3.38 0.31	39.67 -3.01 1.59	41.54 -3.29 0.00	36.04 -2.87 0.00	42.71 -2.76 0.00	44.51 -2.26 0.00	46.09 -1.66 0.00	49.09 -2.25 0.00	41.63 -2.19 0.00	32.49 -1.37 -0.14	32.96 -1.60 0.00	33.28 -2.56 4.25	31.79 -1.84 1.01	32.66 -1.61 0.00	34.91 -1.63 0.00	47.17 -2.39 0.00	43.52 -2.65 0.00	108.98 -9.58 15.86	60.63 -4.88 1.39	57.60 -3.69 0.00	107.89 -7.79 0.00	57.30 -3.60 0.00	47.57 -2.58 0.00	44.57 -2.57 0.00
HARZA MOOSE___RIVER 24016	45.28 0.50 0.00	44.67 0.39 0.00	45.16 0.33 0.00	39.17 0.26 0.00	45.38 -0.10 0.00	46.83 0.06 0.00	48.04 0.29 0.00	51.53 0.18 0.00	43.72 -0.11 0.00	33.28 -0.49 -0.05	33.76 -0.80 0.00	39.26 -0.84 0.00	33.96 -0.68 0.00	33.53 -0.74 0.00	35.70 -0.84 0.00	48.75 -0.81 0.00	45.54 -0.63 0.00	132.75 -1.67 0.00	66.56 -0.33 0.00	61.35 0.06 0.00	116.56 0.87 0.00	61.23 0.34 0.00	50.12 -0.03 0.00	46.89 -0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	44.10 -0.68 0.00	43.58 -0.70 0.00	44.14 -0.68 0.00	38.31 -0.59 0.00	44.83 -0.64 0.00	46.22 -0.54 0.00	47.45 -0.30 0.00	50.94 -0.40 0.00	43.36 -0.46 0.00	33.58 -0.25 -0.10	34.21 -0.35 0.00	39.50 -0.59 0.00	34.14 -0.50 0.00	33.73 -0.54 0.00	35.96 -0.57 0.00	48.84 -0.72 0.00	45.53 -0.64 0.00	132.37 -2.05 0.00	65.80 -1.10 0.00	60.32 -0.97 0.00	113.78 -1.90 0.00	59.90 -0.99 0.00	49.25 -0.90 0.00	46.29 -0.86 0.00
HELLGATE_13_KV_LD 55870	47.11 2.34 0.00	46.33 2.05 0.00	46.74 1.92 0.00	40.49 1.59 0.00	47.20 1.73 0.00	48.72 1.95 0.00	50.40 2.65 0.00	54.56 3.22 0.00	46.96 3.14 0.00	37.82 3.06 -1.04	37.71 3.15 0.00	43.26 3.17 0.00	37.02 2.39 0.00	36.22 1.96 0.00	38.29 1.76 0.00	52.01 2.45 0.00	48.57 2.40 0.00	141.63 7.21 0.00	70.95 4.05 0.00	65.07 3.78 0.00	123.56 7.88 0.00	64.90 4.01 0.00	53.21 3.06 0.00	49.81 2.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	47.11 2.34 0.00	46.33 2.05 0.00	46.74 1.92 0.00	40.49 1.59 0.00	47.20 1.73 0.00	48.72 1.95 0.00	50.40 2.65 0.00	54.56 3.22 0.00	46.96 3.14 0.00	37.82 3.06 -1.04	37.71 3.15 0.00	43.26 3.17 0.00	37.02 2.39 0.00	36.22 1.96 0.00	38.29 1.76 0.00	52.01 2.45 0.00	48.57 2.40 0.00	141.63 7.21 0.00	70.95 4.05 0.00	65.07 3.78 0.00	123.56 7.88 0.00	64.90 4.01 0.00	53.21 3.06 0.00	49.81 2.66 0.00
HEMPSTEAD____ 23647	47.32 2.54 0.00	46.38 2.10 0.00	46.81 1.98 0.00	40.61 1.70 0.00	47.23 1.75 0.00	48.82 2.06 0.00	50.50 2.74 0.00	54.41 3.06 0.00	52.36 3.23 -5.31	60.42 3.04 -23.67	66.09 3.07 -28.47	56.94 3.08 -13.76	50.74 2.41 -13.70	43.57 2.04 -7.27	41.03 1.98 -2.51	52.04 2.48 0.00	52.41 2.54 -3.70	140.90 6.48 0.00	70.34 3.44 0.00	64.87 3.57 0.00	122.56 6.88 0.00	64.58 3.69 0.00	53.34 3.08 -0.10	50.61 2.77 -0.69
HICKLING___1 23621	42.46 -1.54 0.78	38.64 -1.65 3.99	43.02 -1.81 0.00	37.25 -1.66 0.00	43.97 -1.51 0.00	45.56 -1.20 0.00	47.34 -0.41 0.00	50.49 -0.86 0.00	42.69 -1.13 0.00	32.90 -1.04 -0.22	33.38 -1.17 0.01	27.46 -1.97 10.67	30.40 -1.69 2.54	32.78 -1.48 0.00	35.03 -1.51 0.00	47.49 -2.08 0.00	44.01 -2.17 0.00	85.67 -7.06 41.68	65.10 -2.61 -0.81	60.02 -1.27 0.00	111.44 -4.24 0.00	59.19 -1.69 0.00	48.49 -1.66 0.00	45.71 -1.44 0.00
HICKLING___2 23622	42.46 -1.54 0.78	38.64 -1.65 3.99	43.02 -1.81 0.00	37.25 -1.66 0.00	43.97 -1.51 0.00	45.56 -1.20 0.00	47.34 -0.41 0.00	50.49 -0.86 0.00	42.69 -1.13 0.00	32.90 -1.04 -0.22	33.38 -1.17 0.01	27.46 -1.97 10.67	30.40 -1.69 2.54	32.78 -1.48 0.00	35.03 -1.51 0.00	47.49 -2.08 0.00	44.01 -2.17 0.00	85.67 -7.06 41.68	65.10 -2.61 -0.81	60.02 -1.27 0.00	111.44 -4.24 0.00	59.19 -1.69 0.00	48.49 -1.66 0.00	45.71 -1.44 0.00
HIGH FALLS___HY 23754	47.06 2.24 -0.04	46.39 1.91 -0.20	46.61 1.79 0.00	40.39 1.48 0.00	47.15 1.67 0.00	48.66 1.90 0.00	50.33 2.57 0.00	54.42 3.08 0.00	46.67 2.85 0.00	37.33 2.57 -1.04	37.08 2.52 0.00	42.95 2.31 -0.55	36.41 1.65 -0.13	35.70 1.44 0.00	37.94 1.40 0.00	51.52 1.96 0.00	48.22 2.04 0.00	141.14 6.72 0.00	70.68 3.78 0.00	65.05 3.75 0.00	123.32 7.64 0.00	64.77 3.88 0.00	53.10 2.95 0.00	49.74 2.59 0.00
HIGH_RIVER___SOLAR 323847	46.22 1.44 0.00	45.57 1.29 0.00	46.10 1.28 0.00	40.02 1.11 0.00	46.78 1.30 0.00	48.21 1.45 0.00	49.66 1.91 0.00	53.17 1.82 0.00	44.87 1.05 0.00	35.83 0.86 -1.24	35.24 0.68 0.00	40.47 0.38 0.00	34.62 -0.02 0.00	34.19 -0.08 0.00	36.48 -0.06 0.00	49.67 0.11 0.00	46.50 0.33 0.00	136.96 2.54 0.00	68.67 1.78 0.00	63.58 2.29 0.00	120.41 4.73 0.00	63.30 2.41 0.00	52.05 1.90 0.00	48.86 1.72 0.00
HILLBURN___GT 23639	46.88 2.06 -0.04	46.23 1.75 -0.21	46.39 1.57 0.00	40.20 1.29 0.00	46.90 1.42 0.00	48.40 1.64 0.00	50.08 2.33 0.00	54.19 2.85 0.00	46.45 2.63 0.00	37.25 2.51 -1.02	37.09 2.53 0.00	42.56 2.46 0.00	36.49 1.85 0.00	35.87 1.60 0.00	38.03 1.49 0.00	51.56 2.00 0.00	48.13 1.95 0.00	140.48 6.07 0.00	70.35 3.46 0.00	64.61 3.32 0.00	122.38 6.70 0.00	64.27 3.38 0.00	52.73 2.58 0.00	49.42 2.28 0.00
HILLSIDE_115KV_TB1 80332	41.83 -2.06 0.89	37.58 -2.15 4.56	42.58 -2.24 0.00	36.90 -2.00 0.00	43.50 -1.98 0.00	44.99 -1.78 0.00	46.77 -0.98 0.00	49.87 -1.47 0.00	42.29 -1.54 0.00	32.66 -1.30 -0.23	33.23 -1.33 0.01	25.72 -2.18 12.19	29.82 -1.91 2.90	32.53 -1.74 0.00	34.71 -1.83 0.00	47.02 -2.54 0.00	43.47 -2.71 0.00	77.86 -8.68 47.87	64.18 -3.34 -0.62	59.25 -2.04 0.00	109.76 -5.92 0.00	58.35 -2.54 0.00	47.74 -2.41 0.00	45.09 -2.06 0.00

HISHELDN_WT_PWR 323625	41.56 -2.80 0.41	39.51 -2.66 2.11	41.87 -2.96 0.00	36.28 -2.63 0.00	43.03 -2.45 0.00	44.80 -1.97 0.00	46.48 -1.27 0.00	49.49 -1.85 0.00	41.87 -1.95 0.00	32.40 -1.48 -0.16	32.77 -1.78 0.00	31.64 -2.81 5.65	31.06 -2.23 1.34	32.24 -2.03 0.00	34.52 -2.01 0.00	46.74 -2.82 0.00	43.29 -2.88 0.00	103.20 -9.71 21.51	57.97 -4.52 4.41	58.29 -3.00 0.00	109.13 -6.55 0.00	57.90 -3.00 0.00	47.90 -2.26 0.00	44.93 -2.22 0.00
HOLTSVILLE_IC_1 23690	47.16 2.38 0.00	46.16 1.88 0.00	46.57 1.75 0.00	40.46 1.55 0.00	46.93 1.46 0.00	48.57 1.81 0.00	50.28 2.53 0.00	54.09 2.74 0.00	50.60 3.09 -3.69	53.40 2.90 -16.78	57.27 2.90 -19.81	52.63 2.96 -9.58	46.50 2.33 -9.53	41.24 1.91 -5.06	40.15 1.86 -1.75	51.81 2.25 0.00	51.23 2.48 -2.58	140.11 5.70 0.00	69.83 2.94 0.00	64.50 3.20 0.00	121.71 6.03 0.00	64.12 3.23 0.00	53.18 2.95 -0.07	50.20 2.58 -0.48
HOLTSVILLE_IC_10 23699	47.35 2.58 0.00	46.35 2.07 0.00	46.75 1.93 0.00	40.60 1.70 0.00	47.11 1.63 0.00	48.76 2.00 0.00	50.49 2.74 0.00	54.31 2.96 0.00	50.83 3.29 -3.72	53.69 3.06 -16.90	57.59 3.08 -19.96	52.92 3.18 -9.65	46.73 2.50 -9.60	41.42 2.05 -5.10	40.28 1.98 -1.76	52.00 2.44 0.00	51.44 2.67 -2.59	140.78 6.36 0.00	70.16 3.26 0.00	64.84 3.55 0.00	122.35 6.67 0.00	64.45 3.55 0.00	53.45 3.22 -0.07	50.42 2.79 -0.48
HOLTSVILLE_IC_2 23691	47.16 2.38 0.00	46.16 1.88 0.00	46.57 1.75 0.00	40.46 1.55 0.00	46.93 1.46 0.00	48.57 1.81 0.00	50.28 2.53 0.00	54.09 2.74 0.00	50.60 3.09 -3.69	53.40 2.90 -16.78	57.27 2.90 -19.81	52.63 2.96 -9.58	46.50 2.33 -9.53	41.24 1.91 -5.06	40.15 1.86 -1.75	51.81 2.25 0.00	51.23 2.48 -2.58	140.11 5.70 0.00	69.83 2.94 0.00	64.50 3.20 0.00	121.71 6.03 0.00	64.12 3.23 0.00	53.18 2.95 -0.07	50.20 2.58 -0.48
HOLTSVILLE_IC_3 23692	47.16 2.38 0.00	46.16 1.88 0.00	46.57 1.75 0.00	40.46 1.55 0.00	46.93 1.46 0.00	48.57 1.81 0.00	50.28 2.53 0.00	54.09 2.74 0.00	50.60 3.09 -3.69	53.40 2.90 -16.78	57.27 2.90 -19.81	52.63 2.96 -9.58	46.50 2.33 -9.53	41.24 1.91 -5.06	40.15 1.86 -1.75	51.81 2.25 0.00	51.23 2.48 -2.58	140.11 5.70 0.00	69.83 2.94 0.00	64.50 3.20 0.00	121.71 6.03 0.00	64.12 3.23 0.00	53.18 2.95 -0.07	50.20 2.58 -0.48
HOLTSVILLE_IC_4 23693	47.16 2.38 0.00	46.16 1.88 0.00	46.57 1.75 0.00	40.46 1.55 0.00	46.93 1.46 0.00	48.57 1.81 0.00	50.28 2.53 0.00	54.09 2.74 0.00	50.60 3.09 -3.69	53.40 2.90 -16.78	57.27 2.90 -19.81	52.63 2.96 -9.58	46.50 2.33 -9.53	41.24 1.91 -5.06	40.15 1.86 -1.75	51.81 2.25 0.00	51.23 2.48 -2.58	140.11 5.70 0.00	69.83 2.94 0.00	64.50 3.20 0.00	121.71 6.03 0.00	64.12 3.23 0.00	53.18 2.95 -0.07	50.20 2.58 -0.48
HOLTSVILLE_IC_5 23694	47.16 2.38 0.00	46.16 1.88 0.00	46.57 1.75 0.00	40.46 1.55 0.00	46.93 1.46 0.00	48.57 1.81 0.00	50.28 2.53 0.00	54.09 2.74 0.00	50.60 3.09 -3.69	53.40 2.90 -16.78	57.27 2.90 -19.81	52.63 2.96 -9.58	46.50 2.33 -9.53	41.24 1.91 -5.06	40.15 1.86 -1.75	51.81 2.25 0.00	51.23 2.48 -2.58	140.11 5.70 0.00	69.83 2.94 0.00	64.50 3.20 0.00	121.71 6.03 0.00	64.12 3.23 0.00	53.18 2.95 -0.07	50.20 2.58 -0.48
HOLTSVILLE_IC_6 23695	47.35 2.58 0.00	46.35 2.07 0.00	46.75 1.93 0.00	40.60 1.70 0.00	47.11 1.63 0.00	48.76 2.00 0.00	50.49 2.74 0.00	54.31 2.96 0.00	50.83 3.29 -3.72	53.69 3.06 -16.90	57.59 3.08 -19.96	52.92 3.18 -9.65	46.73 2.50 -9.60	41.42 2.05 -5.10	40.28 1.98 -1.76	52.00 2.44 0.00	51.44 2.67 -2.59	140.78 6.36 0.00	70.16 3.26 0.00	64.84 3.55 0.00	122.35 6.67 0.00	64.45 3.55 0.00	53.45 3.22 -0.07	50.42 2.79 -0.48
HOLTSVILLE_IC_7 23696	47.35 2.58 0.00	46.35 2.07 0.00	46.75 1.93 0.00	40.60 1.70 0.00	47.11 1.63 0.00	48.76 2.00 0.00	50.49 2.74 0.00	54.31 2.96 0.00	50.83 3.29 -3.72	53.69 3.06 -16.90	57.59 3.08 -19.96	52.92 3.18 -9.65	46.73 2.50 -9.60	41.42 2.05 -5.10	40.28 1.98 -1.76	52.00 2.44 0.00	51.44 2.67 -2.59	140.78 6.36 0.00	70.16 3.26 0.00	64.84 3.55 0.00	122.35 6.67 0.00	64.45 3.55 0.00	53.45 3.22 -0.07	50.42 2.79 -0.48
HOLTSVILLE_IC_8 23697	47.35 2.58 0.00	46.35 2.07 0.00	46.75 1.93 0.00	40.60 1.70 0.00	47.11 1.63 0.00	48.76 2.00 0.00	50.49 2.74 0.00	54.31 2.96 0.00	50.83 3.29 -3.72	53.69 3.06 -16.90	57.59 3.08 -19.96	52.92 3.18 -9.65	46.73 2.50 -9.60	41.42 2.05 -5.10	40.28 1.98 -1.76	52.00 2.44 0.00	51.44 2.67 -2.59	140.78 6.36 0.00	70.16 3.26 0.00	64.84 3.55 0.00	122.35 6.67 0.00	64.45 3.55 0.00	53.45 3.22 -0.07	50.42 2.79 -0.48
HOLTSVILLE_IC_9 23698	47.35 2.58 0.00	46.35 2.07 0.00	46.75 1.93 0.00	40.60 1.70 0.00	47.11 1.63 0.00	48.76 2.00 0.00	50.49 2.74 0.00	54.31 2.96 0.00	50.83 3.29 -3.72	53.69 3.06 -16.90	57.59 3.08 -19.96	52.92 3.18 -9.65	46.73 2.50 -9.60	41.42 2.05 -5.10	40.28 1.98 -1.76	52.00 2.44 0.00	51.44 2.67 -2.59	140.78 6.36 0.00	70.16 3.26 0.00	64.84 3.55 0.00	122.35 6.67 0.00	64.45 3.55 0.00	53.45 3.22 -0.07	50.42 2.79 -0.48
HOMER_HL_115KV_TB2 355744	42.29 -2.06 0.43	40.08 -2.00 2.20	42.63 -2.19 0.00	36.98 -1.93 0.00	43.77 -1.70 0.00	45.40 -1.37 0.00	47.11 -0.64 0.00	50.26 -1.09 0.00	42.52 -1.30 0.00	33.15 -0.74 -0.16	33.70 -0.85 0.00	32.40 -1.80 5.89	31.79 -1.45 1.40	33.01 -1.26 0.00	35.14 -1.40 0.00	47.44 -2.12 0.00	43.76 -2.42 0.00	103.88 -8.03 22.51	62.81 -3.56 0.53	59.10 -2.19 0.00	110.59 -5.09 0.00	58.54 -2.35 0.00	48.15 -2.00 0.00	45.20 -1.95 0.00
HOWARD_WT_PWR 323690	42.52 -1.74 0.53	39.68 -1.91 2.69	42.49 -2.34 0.00	36.62 -2.28 0.00	43.64 -1.84 0.00	45.35 -1.41 0.00	47.18 -0.57 0.00	50.53 -0.82 0.00	42.53 -1.29 0.00	32.59 -1.32 -0.19	32.63 -1.92 0.00	30.13 -2.78 7.18	30.58 -2.35 1.71	32.18 -2.09 0.00	34.51 -2.02 0.00	46.95 -2.62 0.00	43.68 -2.49 0.00	98.95 -7.98 27.48	68.27 -3.35 -4.72	59.81 -1.48 0.00	112.18 -3.50 0.00	59.45 -1.44 0.00	48.86 -1.29 0.00	45.85 -1.29 0.00
HQ_GEN_CEDARS 23644	44.70 -0.07 0.00	44.39 0.12 0.00	44.94 0.12 0.00	38.98 0.08 0.00	45.62 0.14 0.00	46.80 0.04 0.00	47.37 -0.39 0.00	50.85 -0.49 0.00	43.55 -0.27 0.00	32.71 -1.01 0.00	33.54 -1.02 0.00	39.74 -0.35 0.00	34.48 -0.15 0.00	34.19 -0.08 0.00	36.53 -0.01 0.00	49.31 -0.24 0.00	46.01 -0.17 0.00	133.38 -1.04 0.00	66.40 -0.50 0.00	60.70 -0.59 0.00	114.53 -1.14 0.00	60.42 -0.47 0.00	49.75 -0.40 0.00	46.84 -0.31 0.00
HQ_GEN_CEDARS_PROXY 323590	44.71 -0.07 0.00	44.39 0.12 0.00	44.94 0.12 0.00	38.98 0.08 0.00	45.63 0.15 0.00	46.80 0.04 0.00	47.37 -0.39 0.00	50.85 -0.49 0.00	37.66 -0.27 5.90	32.71 -1.01 0.00	33.53 -1.03 0.00	39.75 -0.35 0.00	36.62 -0.15 -2.13	34.19 -0.08 0.00	36.53 -0.01 0.00	49.31 -0.25 0.00	46.01 -0.17 0.00	133.39 -1.03 0.00	66.40 -0.50 0.00	60.70 -0.59 0.00	114.53 -1.16 0.00	60.42 -0.47 0.00	49.76 -0.39 0.00	46.81 -0.33 0.00

HQ_GEN_CHPE_PROXY 323851	46.87 2.09 0.00	46.09 1.81 0.00	46.51 1.69 0.00	40.30 1.40 0.00	46.98 1.51 0.00	48.51 1.74 0.00	50.16 2.41 0.00	60.51 2.98 -6.19	44.25 2.90 2.48	37.60 2.83 -1.04	37.49 2.92 0.00	42.99 2.90 0.00	36.83 2.19 0.00	35.95 1.68 0.00	38.05 1.53 0.01	51.67 2.11 0.00	48.26 2.09 0.00	141.01 6.59 0.00	70.59 3.70 0.00	64.70 3.41 0.00	122.82 7.14 0.00	64.55 3.66 0.00	52.93 2.78 0.00	49.58 2.43 0.00
HQ_GEN_IMPORT 323601	44.87 0.10 0.00	44.49 0.21 0.00	45.04 0.22 0.00	39.08 0.17 0.00	45.70 0.23 0.00	46.88 0.11 0.00	47.53 -0.22 0.00	57.26 -0.28 -6.19	41.16 -0.19 2.48	33.39 -0.34 0.00	34.27 -0.29 0.00	40.06 -0.04 0.00	34.75 0.11 0.00	34.41 0.14 0.00	36.73 0.19 0.00	49.70 0.15 0.00	46.28 0.11 0.00	134.61 0.20 0.00	66.96 0.06 0.00	61.29 -0.01 0.00	115.58 -0.10 0.00	60.84 -0.06 0.00	50.15 0.00 0.00	47.17 0.03 0.00
HQ_GEN_WHEEL 23651	44.87 0.10 0.00	44.49 0.21 0.00	45.04 0.22 0.00	39.08 0.17 0.00	45.70 0.23 0.00	46.88 0.11 0.00	47.53 -0.22 0.00	57.26 -0.28 -6.19	41.16 -0.19 2.48	33.39 -0.34 0.00	34.27 -0.29 0.00	40.06 -0.04 0.00	34.75 0.11 0.00	34.41 0.14 0.00	36.73 0.19 0.00	49.70 0.15 0.00	46.28 0.11 0.00	134.61 0.20 0.00	66.96 0.06 0.00	61.29 -0.01 0.00	115.58 -0.10 0.00	60.84 -0.06 0.00	50.15 0.00 0.00	47.17 0.03 0.00
HUDSON_AVE_GT_3 23810	47.00 2.23 0.00	46.22 1.95 0.00	46.65 1.83 0.00	40.42 1.51 0.00	47.13 1.65 0.00	48.65 1.89 0.00	50.31 2.56 0.00	54.49 3.14 0.00	46.86 3.03 0.00	37.70 2.94 -1.04	37.60 3.04 0.00	43.11 3.02 0.00	36.91 2.28 0.00	36.10 1.83 0.00	38.23 1.69 0.00	51.86 2.30 0.00	48.43 2.26 0.00	141.44 7.02 0.00	70.80 3.91 0.00	64.95 3.65 0.00	123.21 7.53 0.00	64.76 3.87 0.00	53.09 2.94 0.00	49.71 2.57 0.00
HUDSON_AVE_GT_4 23540	47.00 2.23 0.00	46.22 1.95 0.00	46.65 1.83 0.00	40.42 1.51 0.00	47.13 1.65 0.00	48.65 1.89 0.00	50.31 2.56 0.00	54.49 3.14 0.00	46.86 3.03 0.00	37.70 2.94 -1.04	37.60 3.04 0.00	43.11 3.02 0.00	36.91 2.28 0.00	36.10 1.83 0.00	38.23 1.69 0.00	51.86 2.30 0.00	48.43 2.26 0.00	141.44 7.02 0.00	70.80 3.91 0.00	64.95 3.65 0.00	123.21 7.53 0.00	64.76 3.87 0.00	53.09 2.94 0.00	49.71 2.57 0.00
HUDSON_AVE_GT_5 23657	47.00 2.23 0.00	46.22 1.95 0.00	46.65 1.83 0.00	40.42 1.51 0.00	47.13 1.65 0.00	48.65 1.89 0.00	50.31 2.56 0.00	54.49 3.14 0.00	46.86 3.03 0.00	37.70 2.94 -1.04	37.60 3.04 0.00	43.11 3.02 0.00	36.91 2.28 0.00	36.10 1.83 0.00	38.23 1.69 0.00	51.86 2.30 0.00	48.43 2.26 0.00	141.44 7.02 0.00	70.80 3.91 0.00	64.95 3.65 0.00	123.21 7.53 0.00	64.76 3.87 0.00	53.09 2.94 0.00	49.71 2.57 0.00
HUDSON_AVE_10 24168	46.79 2.02 0.00	46.01 1.73 0.00	46.44 1.62 0.00	40.23 1.33 0.00	46.92 1.45 0.00	48.43 1.66 0.00	50.08 2.33 0.00	54.25 2.91 0.00	46.64 2.81 0.00	37.54 2.78 -1.04	37.45 2.89 0.00	42.94 2.84 0.00	36.78 2.15 0.00	35.97 1.70 0.00	38.06 1.52 0.00	51.63 2.07 0.00	48.20 2.03 0.00	140.80 6.38 0.00	70.48 3.59 0.00	64.63 3.34 0.00	122.70 7.03 0.00	64.49 3.60 0.00	52.84 2.69 0.00	49.50 2.35 0.00
HUDSON___115KV_TB 4 355613	46.23 1.45 0.00	45.54 1.27 0.00	46.05 1.23 0.00	40.07 1.17 0.00	46.70 1.23 0.00	48.15 1.39 0.00	49.63 1.88 0.00	53.60 2.25 0.00	45.77 1.95 0.00	36.45 1.56 -1.17	35.93 1.37 0.00	41.31 1.22 0.00	35.36 0.72 0.00	34.99 0.72 0.00	37.27 0.73 0.00	50.72 1.16 0.00	47.20 1.02 0.00	137.97 3.55 0.00	69.06 2.16 0.00	63.70 2.40 0.00	120.21 4.54 0.00	63.39 2.50 0.00	52.23 2.08 0.00	48.99 1.85 0.00
HUNTER MOUNT___DRP 323613	46.45 1.67 0.00	45.77 1.49 0.00	46.27 1.45 0.00	40.26 1.36 0.00	46.93 1.46 0.00	48.41 1.65 0.00	49.90 2.15 0.00	53.90 2.56 0.00	46.01 2.19 0.00	36.60 1.72 -1.15	36.07 1.51 0.00	41.47 1.37 0.00	35.47 0.84 0.00	35.13 0.86 0.00	37.43 0.89 0.00	50.97 1.41 0.00	47.40 1.22 0.00	138.63 4.22 0.00	69.44 2.54 0.00	64.08 2.78 0.00	120.67 4.99 0.00	63.70 2.81 0.00	52.55 2.40 0.00	49.27 2.12 0.00
HUNTINGTON_RES_REC 323705	46.84 2.06 0.00	45.86 1.58 0.00	46.27 1.44 0.00	40.17 1.26 0.00	46.65 1.17 0.00	48.24 1.48 0.00	49.86 2.10 0.00	53.62 2.28 0.00	50.27 2.70 -3.75	53.35 2.60 -17.02	57.17 2.50 -20.11	52.21 2.39 -9.72	46.30 1.99 -9.67	41.05 1.65 -5.13	39.93 1.62 -1.78	51.40 1.84 0.00	50.78 1.99 -2.61	138.35 3.93 0.00	68.92 2.03 0.00	63.62 2.33 0.00	120.07 4.39 0.00	63.28 2.38 0.00	52.42 2.20 -0.07	49.73 2.10 -0.49
HUNTLEY___63 23557	41.41 -3.03 0.33	39.87 -2.71 1.70	41.85 -2.97 0.00	36.31 -2.60 0.00	43.00 -2.47 0.00	44.83 -1.93 0.00	46.44 -1.31 0.00	49.50 -1.85 0.00	42.01 -1.81 0.00	32.75 -1.12 -0.14	33.21 -1.35 0.00	33.29 -2.27 4.54	31.94 -1.62 1.08	32.85 -1.42 0.00	35.10 -1.43 0.00	47.41 -2.15 0.00	43.80 -2.38 0.00	108.79 -8.58 17.05	60.91 -4.49 1.50	57.95 -3.35 0.00	108.42 -7.26 0.00	57.58 -3.32 0.00	47.84 -2.31 0.00	44.86 -2.29 0.00
HUNTLEY___64 23558	41.41 -3.03 0.33	39.87 -2.71 1.70	41.85 -2.97 0.00	36.31 -2.60 0.00	43.00 -2.47 0.00	44.83 -1.93 0.00	46.44 -1.31 0.00	49.50 -1.85 0.00	42.01 -1.81 0.00	32.75 -1.12 -0.14	33.21 -1.35 0.00	33.29 -2.27 4.54	31.94 -1.62 1.08	32.85 -1.42 0.00	35.10 -1.43 0.00	47.41 -2.15 0.00	43.80 -2.38 0.00	108.79 -8.58 17.05	60.91 -4.49 1.50	57.95 -3.35 0.00	108.42 -7.26 0.00	57.58 -3.32 0.00	47.84 -2.31 0.00	44.86 -2.29 0.00
HUNTLEY___65 23559	41.41 -3.03 0.33	39.87 -2.71 1.70	41.85 -2.97 0.00	36.31 -2.60 0.00	43.00 -2.47 0.00	44.83 -1.93 0.00	46.44 -1.31 0.00	49.50 -1.85 0.00	42.01 -1.81 0.00	32.75 -1.12 -0.14	33.21 -1.35 0.00	33.29 -2.27 4.54	31.94 -1.62 1.08	32.85 -1.42 0.00	35.10 -1.43 0.00	47.41 -2.15 0.00	43.80 -2.38 0.00	108.79 -8.58 17.05	60.91 -4.49 1.50	57.95 -3.35 0.00	108.42 -7.26 0.00	57.58 -3.32 0.00	47.84 -2.31 0.00	44.86 -2.29 0.00
HUNTLEY___66 23560	41.41 -3.03 0.33	39.87 -2.71 1.70	41.85 -2.97 0.00	36.31 -2.60 0.00	43.00 -2.47 0.00	44.83 -1.93 0.00	46.44 -1.31 0.00	49.50 -1.85 0.00	42.01 -1.81 0.00	32.75 -1.12 -0.14	33.21 -1.35 0.00	33.29 -2.27 4.54	31.94 -1.62 1.08	32.85 -1.42 0.00	35.10 -1.43 0.00	47.41 -2.15 0.00	43.80 -2.38 0.00	108.79 -8.58 17.05	60.91 -4.49 1.50	57.95 -3.35 0.00	108.42 -7.26 0.00	57.58 -3.32 0.00	47.84 -2.31 0.00	44.86 -2.29 0.00
HUNTLEY___67 23561	41.16 -3.28 0.35	39.56 -2.94 1.77	41.65 -3.18 0.00	36.13 -2.78 0.00	42.79 -2.68 0.00	44.58 -2.18 0.00	46.21 -1.54 0.00	49.26 -2.08 0.00	41.84 -1.99 0.00	32.59 -1.28 -0.15	33.06 -1.50 0.00	32.91 -2.45 4.73	31.69 -1.82 1.13	32.66 -1.61 0.00	34.88 -1.65 0.00	47.08 -2.48 0.00	43.51 -2.66 0.00	107.29 -9.31 17.82	60.47 -4.69 1.73	57.79 -3.51 0.00	108.23 -7.45 0.00	57.46 -3.43 0.00	47.62 -2.53 0.00	44.66 -2.49 0.00

HUNTLEY___68 23562	41.16 -3.28 0.35	39.56 -2.94 1.77	41.65 -3.18 0.00	36.13 -2.78 0.00	42.79 -2.68 0.00	44.58 -2.18 0.00	46.21 -1.54 0.00	49.26 -2.08 0.00	41.84 -1.99 0.00	32.59 -1.28 -0.15	33.06 -1.50 0.00	32.91 -2.45 4.73	31.69 -1.82 1.13	32.66 -1.61 0.00	34.88 -1.65 0.00	47.08 -2.48 0.00	43.51 -2.66 0.00	107.29 -9.31 17.82	60.47 -4.69 1.73	57.79 -3.51 0.00	108.23 -7.45 0.00	57.46 -3.43 0.00	47.62 -2.53 0.00	44.66 -2.49 0.00
HYLAND___LFGE 323620	44.78 0.39 0.38	42.68 0.36 1.96	44.94 0.11 0.00	38.89 -0.02 0.00	45.95 0.48 0.00	47.81 1.05 0.00	49.53 1.78 0.00	52.43 1.09 0.00	43.39 -0.43 0.00	33.33 -0.55 -0.16	33.70 -0.86 0.00	33.47 -1.39 5.23	32.24 -1.15 1.25	33.30 -0.97 0.00	35.72 -0.82 0.00	48.65 -0.91 0.00	45.43 -0.75 0.00	112.80 -1.85 19.76	72.23 0.03 -5.31	62.71 1.42 0.00	118.45 2.77 0.00	62.60 1.71 0.00	51.46 1.31 0.00	48.17 1.02 0.00
INDECK___CORINTH 23802	45.92 1.15 0.00	45.19 0.92 0.00	45.81 0.98 0.00	39.78 0.87 0.00	46.52 1.04 0.00	48.01 1.25 0.00	50.43 2.68 0.00	54.49 3.15 0.00	46.49 2.67 0.00	37.12 2.18 -1.22	36.74 2.18 0.00	42.15 2.06 0.00	35.89 1.26 0.00	35.54 1.28 0.00	37.84 1.30 0.00	51.36 1.80 0.00	47.87 1.70 0.00	140.19 5.78 0.00	70.35 3.46 0.00	64.98 3.68 0.00	122.74 7.06 0.00	64.96 4.07 0.00	53.30 3.15 0.00	50.02 2.88 0.00
INDECK___ILION 23567	45.77 1.00 0.00	44.73 0.45 0.00	45.18 0.36 0.00	39.26 0.36 0.00	45.71 0.24 0.00	47.12 0.36 0.00	48.98 1.23 0.00	52.58 1.23 0.00	44.12 0.30 0.00	34.37 0.65 0.00	35.15 0.60 0.00	39.31 -0.79 0.00	33.40 -1.24 0.00	32.62 -1.64 0.00	34.82 -1.71 0.00	48.23 -1.34 0.00	44.87 -1.31 0.00	134.30 -0.12 0.00	67.47 0.57 0.00	63.34 2.05 0.00	119.94 4.26 0.00	62.79 1.90 0.00	51.71 1.56 0.00	48.56 1.41 0.00
INDECK___OLEAN 23982	42.31 -2.04 0.43	40.07 -2.01 2.20	42.63 -2.19 0.00	36.98 -1.93 0.00	43.76 -1.72 0.00	45.40 -1.36 0.00	47.11 -0.64 0.00	50.26 -1.09 0.00	42.51 -1.31 0.00	33.14 -0.75 -0.16	33.70 -0.86 0.00	32.37 -1.84 5.89	31.78 -1.46 1.40	33.00 -1.27 0.00	35.14 -1.40 0.00	47.45 -2.11 0.00	43.77 -2.41 0.00	103.82 -8.09 22.51	62.79 -3.58 0.53	59.11 -2.18 0.00	110.63 -5.05 0.00	58.51 -2.38 0.00	48.13 -2.02 0.00	45.21 -1.94 0.00
INDECK___OSWEGO 23783	43.51 -1.27 0.00	43.01 -1.27 0.00	43.60 -1.22 0.00	37.85 -1.06 0.00	44.23 -1.25 0.00	45.59 -1.18 0.00	46.74 -1.01 0.00	50.22 -1.12 0.00	42.78 -1.05 0.00	33.08 -0.73 -0.08	33.75 -0.81 0.00	39.00 -1.09 0.00	33.67 -0.96 0.00	33.26 -1.00 0.00	35.45 -1.08 0.00	48.15 -1.41 0.00	44.86 -1.32 0.00	130.51 -3.91 0.00	64.86 -2.03 0.00	59.42 -1.87 0.00	112.18 -3.50 0.00	59.04 -1.86 0.00	48.54 -1.61 0.00	45.63 -1.51 0.00
INDECK___YERKES 23781	41.45 -2.99 0.33	39.91 -2.67 1.70	41.88 -2.94 0.00	36.33 -2.58 0.00	43.04 -2.44 0.00	44.86 -1.91 0.00	46.47 -1.28 0.00	49.54 -1.81 0.00	42.04 -1.78 0.00	32.77 -1.09 -0.14	33.23 -1.32 0.00	33.28 -2.27 4.54	31.96 -1.60 1.08	32.86 -1.40 0.00	35.12 -1.41 0.00	47.46 -2.10 0.00	43.84 -2.33 0.00	108.88 -8.50 17.05	60.94 -4.46 1.50	57.98 -3.31 0.00	108.53 -7.15 0.00	57.59 -3.31 0.00	47.86 -2.30 0.00	44.89 -2.25 0.00
INDIAN POINT_GT_1 24139	46.74 1.96 0.00	45.92 1.64 0.00	46.33 1.51 0.00	40.16 1.25 0.00	46.83 1.36 0.00	48.33 1.57 0.00	49.98 2.23 0.00	54.06 2.71 0.00	46.39 2.57 0.00	37.22 2.46 -1.04	37.06 2.50 0.00	42.53 2.43 0.00	36.43 1.79 0.00	35.77 1.50 0.00	37.93 1.39 0.00	51.43 1.87 0.00	48.04 1.86 0.00	140.17 5.75 0.00	70.18 3.28 0.00	64.46 3.17 0.00	122.12 6.44 0.00	64.17 3.27 0.00	52.65 2.50 0.00	49.35 2.20 0.00
INDIAN POINT_GT_2 23659	46.74 1.96 0.00	45.92 1.64 0.00	46.33 1.51 0.00	40.16 1.25 0.00	46.83 1.36 0.00	48.33 1.57 0.00	49.98 2.23 0.00	54.06 2.71 0.00	46.39 2.57 0.00	37.22 2.46 -1.04	37.06 2.50 0.00	42.53 2.43 0.00	36.43 1.79 0.00	35.77 1.50 0.00	37.93 1.39 0.00	51.43 1.87 0.00	48.04 1.86 0.00	140.17 5.75 0.00	70.18 3.28 0.00	64.46 3.17 0.00	122.12 6.44 0.00	64.17 3.27 0.00	52.65 2.50 0.00	49.35 2.20 0.00
INDIAN POINT_GT_3 24019	46.74 1.96 0.00	45.92 1.64 0.00	46.33 1.51 0.00	40.16 1.25 0.00	46.83 1.36 0.00	48.33 1.57 0.00	49.98 2.23 0.00	54.06 2.71 0.00	46.39 2.57 0.00	37.22 2.46 -1.04	37.06 2.50 0.00	42.53 2.43 0.00	36.43 1.79 0.00	35.77 1.50 0.00	37.93 1.39 0.00	51.43 1.87 0.00	48.04 1.86 0.00	140.17 5.75 0.00	70.18 3.28 0.00	64.46 3.17 0.00	122.12 6.44 0.00	64.17 3.27 0.00	52.65 2.50 0.00	49.35 2.20 0.00
INDIAN POINT___2 23530	46.73 1.95 0.00	45.92 1.64 0.00	46.32 1.50 0.00	40.14 1.23 0.00	46.82 1.34 0.00	48.31 1.55 0.00	49.97 2.22 0.00	54.05 2.71 0.00	46.37 2.55 0.00	37.20 2.45 -1.03	37.05 2.49 0.00	42.51 2.41 0.00	36.42 1.78 0.00	35.77 1.50 0.00	37.93 1.39 0.00	51.43 1.87 0.00	48.01 1.84 0.00	140.14 5.72 0.00	70.16 3.26 0.00	64.42 3.13 0.00	122.05 6.37 0.00	64.14 3.25 0.00	52.63 2.48 0.00	49.33 2.18 0.00
INDIAN POINT___3 23531	46.72 1.95 0.00	45.91 1.64 0.00	46.33 1.51 0.00	40.16 1.25 0.00	46.83 1.36 0.00	48.33 1.57 0.00	49.97 2.22 0.00	54.05 2.71 0.00	46.37 2.55 0.00	37.21 2.44 -1.04	37.05 2.49 0.00	42.51 2.41 0.00	36.42 1.79 0.00	35.77 1.50 0.00	37.93 1.39 0.00	51.43 1.87 0.00	48.03 1.85 0.00	140.14 5.72 0.00	70.15 3.25 0.00	64.44 3.15 0.00	122.07 6.39 0.00	64.14 3.25 0.00	52.63 2.48 0.00	49.33 2.18 0.00
INDIANHDD_69_KV_BK1 55831	47.60 2.82 0.00	46.55 2.27 0.00	46.94 2.12 0.00	40.78 1.87 0.00	47.31 1.84 0.00	48.98 2.21 0.00	50.72 2.97 0.00	54.58 3.23 0.00	51.05 3.51 -3.71	53.83 3.24 -16.87	57.76 3.28 -19.92	53.13 3.40 -9.63	46.87 2.65 -9.59	41.56 2.21 -5.09	40.46 2.16 -1.76	52.17 2.61 0.00	51.68 2.91 -2.59	141.44 7.02 0.00	70.54 3.64 0.00	65.26 3.97 0.00	123.23 7.55 0.00	64.87 3.98 0.00	53.76 3.54 -0.07	50.68 3.05 -0.48
INGHAM_C_115KV_TB7 356103	45.77 1.00 0.00	44.73 0.45 0.00	45.18 0.36 0.00	39.26 0.36 0.00	45.71 0.24 0.00	47.12 0.36 0.00	48.98 1.23 0.00	52.58 1.23 0.00	44.12 0.30 0.00	34.37 0.65 0.00	35.15 0.60 0.00	39.31 -0.79 0.00	33.40 -1.24 0.00	32.62 -1.64 0.00	34.82 -1.71 0.00	48.23 -1.34 0.00	44.87 -1.31 0.00	134.30 -0.12 0.00	67.47 0.57 0.00	63.34 2.05 0.00	119.94 4.26 0.00	62.79 1.90 0.00	51.71 1.56 0.00	48.56 1.41 0.00
IP CORINTH___1 23988	46.16 1.38 0.00	45.42 1.15 0.00	46.03 1.21 0.00	39.98 1.07 0.00	46.76 1.29 0.00	48.26 1.50 0.00	50.48 2.72 0.00	54.49 3.15 0.00	46.49 2.67 0.00	37.12 2.18 -1.22	36.74 2.18 0.00	42.16 2.06 0.00	35.90 1.26 0.00	35.54 1.28 0.00	37.84 1.30 0.00	51.37 1.81 0.00	47.87 1.69 0.00	140.19 5.78 0.00	70.36 3.46 0.00	64.98 3.68 0.00	122.74 7.06 0.00	64.97 4.08 0.00	53.29 3.14 0.00	50.02 2.87 0.00

IP__TICONDEROGA 23804	47.89 3.12 0.00	47.04 2.76 0.00	47.81 2.99 0.00	41.53 2.62 0.00	48.68 3.20 0.00	50.25 3.49 0.00	51.91 4.16 0.00	55.73 4.39 0.00	47.62 3.80 0.00	37.97 3.04 -1.22	37.75 3.19 0.00	42.94 2.85 0.00	36.10 1.47 0.00	36.10 1.83 0.00	38.58 2.04 0.00	53.07 3.51 0.00	49.35 3.18 0.00	144.36 9.94 0.00	73.28 6.39 0.00	67.99 6.70 0.00	127.87 12.19 0.00	67.63 6.73 0.00	55.14 4.99 0.00	51.40 4.26 0.00
ISLIP_RES_REC 323679	47.48 2.71 0.00	46.45 2.17 0.00	46.85 2.02 0.00	40.70 1.79 0.00	47.21 1.74 0.00	48.88 2.12 0.00	50.62 2.87 0.00	54.44 3.10 0.00	50.99 3.42 -3.74	53.88 3.17 -16.99	57.82 3.19 -20.07	53.11 3.31 -9.70	46.88 2.59 -9.66	41.54 2.15 -5.12	40.37 2.06 -1.77	52.12 2.56 0.00	51.57 2.78 -2.61	141.17 6.75 0.00	70.36 3.46 0.00	65.05 3.76 0.00	122.79 7.11 0.00	64.67 3.78 0.00	53.61 3.39 -0.07	50.57 2.94 -0.49
JAMAICA__27_KV_LOAD 355505	47.03 2.26 0.00	46.24 1.96 0.00	46.67 1.85 0.00	40.42 1.51 0.00	47.15 1.67 0.00	48.68 1.92 0.00	50.33 2.58 0.00	54.53 3.19 0.00	46.86 3.03 0.00	37.73 2.97 -1.04	37.68 3.12 0.00	43.17 3.07 0.00	37.03 2.39 0.00	36.23 1.97 0.00	38.29 1.76 0.00	51.90 2.34 0.00	48.43 2.26 0.00	141.48 7.07 0.00	70.85 3.95 0.00	64.96 3.67 0.00	123.45 7.77 0.00	64.91 4.02 0.00	53.09 2.94 0.00	49.75 2.60 0.00
JANIS__SOLAR 323808	46.43 1.66 0.00	45.73 1.46 0.00	46.30 1.48 0.00	40.13 1.22 0.00	47.01 1.53 0.00	48.53 1.76 0.00	50.25 2.50 0.00	53.60 2.26 0.00	44.88 1.05 0.00	34.39 0.39 -0.28	34.56 0.00 0.00	39.82 -0.28 0.00	34.29 -0.34 0.00	34.04 -0.23 0.00	36.64 0.11 0.00	50.10 0.54 0.00	47.23 1.06 0.00	141.69 3.17 -4.10	69.17 1.92 -0.36	63.61 2.32 0.00	120.29 4.61 0.00	62.99 2.10 0.00	51.50 1.35 0.00	48.39 1.25 0.00
JARVIS____ 23743	44.87 0.09 0.00	44.32 0.04 0.00	44.84 0.02 0.00	38.94 0.04 0.00	45.48 0.00 0.00	46.82 0.05 0.00	47.94 0.18 0.00	51.57 0.23 0.00	44.01 0.18 0.00	33.94 0.21 0.00	34.76 0.20 0.00	40.20 0.10 0.00	34.64 0.00 0.00	34.27 0.00 0.00	36.52 -0.02 0.00	49.59 0.03 0.00	46.22 0.05 0.00	134.67 0.25 0.00	67.04 0.14 0.00	61.47 0.18 0.00	116.09 0.42 0.00	61.09 0.20 0.00	50.30 0.15 0.00	47.28 0.13 0.00
JENNISON__1 23625	46.89 1.96 -0.15	46.55 1.50 -0.77	46.35 1.53 0.00	40.09 1.18 0.00	47.00 1.52 0.00	48.42 1.66 0.00	50.72 2.97 0.00	54.38 3.03 0.00	45.97 2.14 0.00	35.56 1.47 -0.37	35.68 1.11 0.00	43.50 0.89 -2.52	35.83 0.59 -0.60	34.78 0.51 0.00	37.36 0.83 0.00	51.19 1.63 0.00	48.01 1.83 0.00	154.39 5.03 -14.94	69.88 2.98 0.00	64.67 3.38 0.00	121.91 6.23 0.00	63.20 2.31 0.00	51.69 1.54 0.00	48.56 1.41 0.00
JENNISON__2 23626	46.89 1.96 -0.15	46.55 1.50 -0.77	46.35 1.53 0.00	40.09 1.18 0.00	47.00 1.52 0.00	48.42 1.66 0.00	50.72 2.97 0.00	54.38 3.03 0.00	45.97 2.14 0.00	35.56 1.47 -0.37	35.68 1.11 0.00	43.50 0.89 -2.52	35.83 0.59 -0.60	34.78 0.51 0.00	37.36 0.83 0.00	51.19 1.63 0.00	48.01 1.83 0.00	154.39 5.03 -14.94	69.88 2.98 0.00	64.67 3.38 0.00	121.91 6.23 0.00	63.20 2.31 0.00	51.69 1.54 0.00	48.56 1.41 0.00
JERICHO_RISE_WT_PWR 323719	44.85 0.07 0.00	44.50 0.22 0.00	45.05 0.23 0.00	39.11 0.20 0.00	45.78 0.30 0.00	46.99 0.23 0.00	47.68 -0.07 0.00	51.21 -0.13 0.00	43.83 0.01 0.00	33.47 -0.25 0.00	34.28 -0.28 0.00	39.98 -0.11 0.00	34.66 0.02 0.00	34.34 0.07 0.00	36.72 0.18 0.00	49.56 0.00 0.00	46.25 0.07 0.00	134.19 -0.23 0.00	66.85 -0.04 0.00	60.99 -0.30 0.00	115.04 -0.64 0.00	60.70 -0.19 0.00	49.92 -0.23 0.00	46.97 -0.18 0.00
KATONAH__115KV_46KV_TB4 355592	46.85 2.08 0.00	46.04 1.77 0.00	46.50 1.68 0.00	40.29 1.39 0.00	47.01 1.53 0.00	48.51 1.75 0.00	50.14 2.39 0.00	54.23 2.89 0.00	46.55 2.73 0.00	37.35 2.58 -1.05	37.19 2.64 0.00	42.70 2.60 0.00	36.56 1.92 0.00	35.90 1.63 0.00	38.06 1.52 0.00	51.64 2.08 0.00	48.23 2.06 0.00	140.76 6.34 0.00	70.46 3.56 0.00	64.72 3.42 0.00	122.56 6.88 0.00	64.43 3.54 0.00	52.86 2.71 0.00	49.52 2.37 0.00
KCE_NY_1 323755	46.52 1.75 0.00	45.83 1.55 0.00	46.35 1.52 0.00	40.24 1.34 0.00	47.05 1.57 0.00	48.55 1.78 0.00	50.08 2.33 0.00	53.98 2.64 0.00	46.03 2.21 0.00	36.76 1.83 -1.21	36.35 1.79 0.00	41.80 1.71 0.00	35.72 1.08 0.00	35.33 1.07 0.00	37.63 1.09 0.00	51.18 1.62 0.00	47.70 1.52 0.00	139.80 5.38 0.00	69.97 3.08 0.00	64.43 3.14 0.00	121.78 6.10 0.00	64.17 3.28 0.00	52.73 2.58 0.00	49.51 2.37 0.00
KCE_NY_6_ESR 323823	41.62 -2.79 0.37	39.87 -2.54 1.88	42.04 -2.78 0.00	36.46 -2.45 0.00	43.16 -2.31 0.00	45.01 -1.75 0.00	46.71 -1.04 0.00	49.78 -1.56 0.00	42.22 -1.60 0.00	32.80 -1.08 -0.15	33.29 -1.27 0.00	32.86 -2.22 5.01	31.83 -1.62 1.19	32.83 -1.44 0.00	35.08 -1.46 0.00	47.34 -2.22 0.00	43.80 -2.38 0.00	107.01 -8.44 18.96	61.01 -4.10 1.78	58.47 -2.82 0.00	109.46 -6.22 0.00	58.09 -2.81 0.00	48.07 -2.09 0.00	45.08 -2.06 0.00
KEDC_PORT_JEFF_GT2 24210	47.32 2.54 0.00	46.31 2.04 0.00	46.71 1.89 0.00	40.58 1.67 0.00	47.07 1.60 0.00	48.72 1.96 0.00	50.44 2.69 0.00	54.27 2.93 0.00	50.78 3.25 -3.71	53.61 3.04 -16.85	57.51 3.05 -19.90	52.87 3.15 -9.62	46.69 2.48 -9.57	41.38 2.03 -5.08	40.27 1.97 -1.76	51.97 2.41 0.00	51.42 2.65 -2.59	140.66 6.25 0.00	70.12 3.23 0.00	64.82 3.53 0.00	122.31 6.63 0.00	64.42 3.53 0.00	53.42 3.20 -0.07	50.38 2.76 -0.48
KEDC_PORT_JEFF_GT3 24211	47.32 2.54 0.00	46.31 2.04 0.00	46.71 1.89 0.00	40.58 1.67 0.00	47.07 1.60 0.00	48.72 1.96 0.00	50.44 2.69 0.00	54.27 2.93 0.00	50.78 3.25 -3.71	53.61 3.04 -16.85	57.51 3.05 -19.90	52.87 3.15 -9.62	46.69 2.48 -9.57	41.38 2.03 -5.08	40.27 1.97 -1.76	51.97 2.41 0.00	51.42 2.65 -2.59	140.66 6.25 0.00	70.12 3.23 0.00	64.82 3.53 0.00	122.31 6.63 0.00	64.42 3.53 0.00	53.42 3.20 -0.07	50.38 2.76 -0.48
KEDC_GLWD_GT4 24219	47.29 2.52 0.00	46.40 2.12 0.00	46.82 2.00 0.00	40.61 1.70 0.00	47.26 1.79 0.00	48.83 2.07 0.00	50.51 2.76 0.00	54.49 3.15 0.00	52.96 3.20 -5.94	63.07 3.01 -26.34	69.44 3.05 -31.83	58.53 3.04 -15.39	52.32 2.37 -15.31	44.40 2.00 -8.13	41.28 1.93 -2.81	52.06 2.49 0.00	52.82 2.51 -4.14	141.22 6.80 0.00	70.58 3.68 0.00	64.97 3.68 0.00	122.90 7.22 0.00	64.69 3.80 0.00	53.35 3.09 -0.12	50.68 2.77 -0.77
KEDC_GLWD_GT5 24220	47.29 2.52 0.00	46.40 2.12 0.00	46.82 2.00 0.00	40.61 1.70 0.00	47.26 1.79 0.00	48.83 2.07 0.00	50.51 2.76 0.00	54.49 3.15 0.00	52.96 3.20 -5.94	63.07 3.01 -26.34	69.44 3.05 -31.83	58.53 3.04 -15.39	52.32 2.37 -15.31	44.40 2.00 -8.13	41.28 1.93 -2.81	52.06 2.49 0.00	52.82 2.51 -4.14	141.22 6.80 0.00	70.58 3.68 0.00	64.97 3.68 0.00	122.90 7.22 0.00	64.69 3.80 0.00	53.35 3.09 -0.12	50.68 2.77 -0.77

KENSICO____ 23655	46.83 2.05 0.00	46.01 1.73 0.00	46.43 1.61 0.00	40.24 1.33 0.00	46.93 1.46 0.00	48.43 1.66 0.00	50.08 2.33 0.00	54.17 2.83 0.00	46.50 2.68 0.00	37.34 2.57 -1.04	37.18 2.63 0.00	42.66 2.57 0.00	36.55 1.91 0.00	35.86 1.59 0.00	38.01 1.47 0.00	51.56 2.00 0.00	48.15 1.98 0.00	140.49 6.08 0.00	70.33 3.43 0.00	64.58 3.28 0.00	122.38 6.69 0.00	64.31 3.42 0.00	52.77 2.61 0.00	49.45 2.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	47.04 2.22 -0.04	46.40 1.91 -0.22	46.60 1.78 0.00	40.40 1.49 0.00	47.15 1.67 0.00	48.66 1.90 0.00	50.30 2.55 0.00	54.41 3.07 0.00	46.64 2.81 0.00	37.25 2.52 -1.00	37.00 2.45 0.00	42.94 2.25 -0.60	36.38 1.60 -0.14	35.66 1.39 0.00	37.89 1.35 0.00	51.45 1.89 0.00	48.16 1.99 0.00	141.01 6.59 0.00	70.64 3.74 0.00	65.04 3.75 0.00	123.28 7.60 0.00	64.77 3.87 0.00	53.10 2.95 0.00	49.73 2.59 0.00
KIAC_JFK_GT1 23816	46.77 1.99 0.00	45.99 1.71 0.00	46.42 1.60 0.00	40.20 1.29 0.00	46.90 1.43 0.00	48.41 1.64 0.00	50.05 2.29 0.00	54.22 2.88 0.00	46.60 2.78 0.00	37.53 2.77 -1.04	37.47 2.91 0.00	42.93 2.84 0.00	36.84 2.20 0.00	36.04 1.77 0.00	38.10 1.56 0.00	51.62 2.06 0.00	48.18 2.01 0.00	140.65 6.23 0.00	70.47 3.57 0.00	64.59 3.29 0.00	122.71 7.02 0.00	64.54 3.65 0.00	52.79 2.64 0.00	49.47 2.32 0.00
KIAC_JFK_GT2 23817	46.77 1.99 0.00	45.99 1.71 0.00	46.42 1.60 0.00	40.20 1.29 0.00	46.90 1.43 0.00	48.41 1.64 0.00	50.05 2.29 0.00	54.22 2.88 0.00	46.60 2.78 0.00	37.53 2.77 -1.04	37.47 2.91 0.00	42.93 2.84 0.00	36.84 2.20 0.00	36.04 1.77 0.00	38.10 1.56 0.00	51.62 2.06 0.00	48.18 2.01 0.00	140.65 6.23 0.00	70.47 3.57 0.00	64.59 3.29 0.00	122.71 7.02 0.00	64.54 3.65 0.00	52.79 2.64 0.00	49.47 2.32 0.00
KIAC_JFK____ 323774	46.77 1.99 0.00	45.99 1.71 0.00	46.42 1.60 0.00	40.20 1.29 0.00	46.89 1.41 0.00	48.41 1.64 0.00	50.04 2.29 0.00	54.22 2.88 0.00	46.60 2.78 0.00	37.53 2.77 -1.04	37.47 2.91 0.00	42.93 2.84 0.00	36.84 2.20 0.00	36.05 1.78 0.00	38.10 1.56 0.00	51.63 2.07 0.00	48.18 2.00 0.00	140.66 6.24 0.00	70.47 3.58 0.00	64.58 3.29 0.00	122.69 7.01 0.00	64.53 3.64 0.00	52.79 2.64 0.00	49.48 2.33 0.00
KINTIGH_24_KV_GSU 356498	41.59 -2.90 0.28	40.19 -2.65 1.44	41.98 -2.85 0.00	36.43 -2.48 0.00	43.08 -2.39 0.00	44.81 -1.96 0.00	46.34 -1.41 0.00	49.46 -1.89 0.00	42.00 -1.83 0.00	32.74 -1.12 -0.13	33.24 -1.32 0.00	34.05 -2.20 3.84	32.12 -1.61 0.91	32.85 -1.42 0.00	35.08 -1.46 0.00	47.42 -2.14 0.00	43.86 -2.32 0.00	112.10 -8.11 14.21	61.66 -4.18 1.06	58.10 -3.19 0.00	109.02 -6.66 0.00	57.75 -3.14 0.00	47.81 -2.35 0.00	44.85 -2.30 0.00
KINTIGH____ 23543	41.55 -2.94 0.28	40.17 -2.67 1.44	41.95 -2.87 0.00	36.42 -2.49 0.00	43.06 -2.42 0.00	44.78 -1.99 0.00	46.31 -1.44 0.00	49.44 -1.90 0.00	41.97 -1.85 0.00	32.73 -1.13 -0.13	33.22 -1.34 0.00	34.05 -2.20 3.84	32.10 -1.63 0.91	32.84 -1.43 0.00	35.07 -1.47 0.00	47.39 -2.17 0.00	43.83 -2.34 0.00	112.03 -8.18 14.21	61.64 -4.20 1.06	58.08 -3.21 0.00	108.94 -6.74 0.00	57.74 -3.15 0.00	47.79 -2.36 0.00	44.82 -2.33 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.42 0.64 0.00	45.01 0.73 0.00	45.56 0.74 0.00	39.55 0.65 0.00	46.29 0.81 0.00	47.59 0.82 0.00	48.36 0.61 0.00	51.97 0.62 0.00	44.54 0.72 0.00	33.99 0.27 0.00	34.75 0.19 0.00	40.38 0.29 0.00	34.97 0.34 0.00	34.69 0.42 0.00	37.09 0.55 0.00	50.18 0.62 0.00	46.86 0.69 0.00	136.02 1.60 0.00	67.83 0.94 0.00	61.95 0.66 0.00	116.87 1.19 0.00	61.64 0.75 0.00	50.66 0.51 0.00	47.59 0.44 0.00
LACHUTE____HYDRO 323717	47.89 3.12 0.00	47.04 2.76 0.00	47.81 2.99 0.00	41.53 2.62 0.00	48.67 3.19 0.00	50.26 3.49 0.00	51.91 4.16 0.00	55.73 4.39 0.00	47.61 3.79 0.00	37.97 3.03 -1.22	37.75 3.19 0.00	42.94 2.85 0.00	36.10 1.47 0.00	36.10 1.83 0.00	38.58 2.04 0.00	53.08 3.52 0.00	49.35 3.18 0.00	144.36 9.94 0.00	73.28 6.39 0.00	67.99 6.70 0.00	127.87 12.19 0.00	67.62 6.73 0.00	55.14 4.99 0.00	51.41 4.26 0.00
LAWRNCV_115KV_TB1 80681	44.07 -0.70 0.00	43.76 -0.52 0.00	44.29 -0.53 0.00	38.42 -0.49 0.00	44.89 -0.58 0.00	46.08 -0.68 0.00	46.63 -1.12 0.00	50.05 -1.30 0.00	42.83 -0.99 0.00	32.15 -1.57 0.00	32.90 -1.66 0.00	38.95 -1.14 0.00	33.74 -0.89 0.00	33.40 -0.87 0.00	35.68 -0.86 0.00	48.19 -1.37 0.00	45.04 -1.13 0.00	130.60 -3.82 0.00	65.13 -1.76 0.00	59.61 -1.68 0.00	112.60 -3.08 0.00	59.51 -1.38 0.00	48.98 -1.17 0.00	46.08 -1.07 0.00
LEDERLE____ 23769	47.05 2.24 -0.04	46.39 1.91 -0.20	46.57 1.74 0.00	40.35 1.45 0.00	47.08 1.61 0.00	48.58 1.82 0.00	50.28 2.53 0.00	54.40 3.05 0.00	46.64 2.81 0.00	37.39 2.65 -1.02	37.23 2.67 0.00	42.71 2.62 0.00	36.62 1.98 0.00	36.00 1.73 0.00	38.17 1.64 0.00	51.75 2.19 0.00	48.31 2.14 0.00	141.04 6.63 0.00	70.62 3.73 0.00	64.88 3.59 0.00	122.89 7.20 0.00	64.54 3.65 0.00	52.95 2.80 0.00	49.61 2.46 0.00
LIGHTHSE_115KV_TB6 355974	43.91 -0.86 0.00	43.37 -0.90 0.00	43.92 -0.91 0.00	38.11 -0.80 0.00	44.41 -1.07 0.00	45.78 -0.98 0.00	46.94 -0.81 0.00	50.41 -0.94 0.00	42.84 -0.99 0.00	32.94 -0.86 -0.08	33.60 -0.96 0.00	38.90 -1.20 0.00	33.61 -1.02 0.00	33.16 -1.11 0.00	35.34 -1.20 0.00	48.03 -1.53 0.00	44.69 -1.49 0.00	130.24 -4.18 0.00	65.00 -1.89 0.00	59.74 -1.55 0.00	113.13 -2.55 0.00	59.52 -1.37 0.00	48.83 -1.33 0.00	45.81 -1.34 0.00
LINDEN COGEN____ 23786	46.89 2.11 0.00	46.10 1.82 0.00	46.52 1.70 0.00	40.30 1.40 0.00	46.99 1.51 0.00	48.51 1.75 0.00	50.18 2.43 0.00	54.37 3.03 0.00	46.72 2.90 0.00	37.58 2.82 -1.04	37.48 2.92 0.00	42.99 2.89 0.00	36.80 2.17 0.00	36.01 1.74 0.00	38.13 1.60 0.00	51.73 2.17 0.00	48.28 2.10 0.00	140.94 6.53 0.00	70.58 3.69 0.00	64.76 3.47 0.00	122.86 7.18 0.00	64.54 3.65 0.00	52.91 2.76 0.00	49.58 2.43 0.00
LINDHRST_69_KV_BK1 356055	47.68 2.90 0.00	46.67 2.39 0.00	47.07 2.25 0.00	40.85 1.94 0.00	47.47 1.99 0.00	49.10 2.34 0.00	50.80 3.05 0.00	54.69 3.35 0.00	51.65 3.58 -4.25	56.16 3.28 -19.15	60.69 3.35 -22.78	54.52 3.41 -11.02	48.31 2.71 -10.96	42.37 2.29 -5.82	40.76 2.22 -2.01	52.33 2.76 0.00	52.05 2.91 -2.96	141.64 7.22 0.00	70.65 3.75 0.00	65.26 3.97 0.00	123.23 7.55 0.00	64.97 4.07 0.00	53.72 3.49 -0.08	50.84 3.15 -0.55
LIPA_MISC_IPP 23656	47.15 2.37 0.00	46.14 1.86 0.00	46.55 1.73 0.00	40.44 1.53 0.00	46.92 1.44 0.00	48.59 1.82 0.00	50.33 2.58 0.00	54.14 2.79 0.00	50.62 3.09 -3.70	53.43 2.90 -16.80	57.35 2.96 -19.83	52.73 3.05 -9.59	46.52 2.34 -9.54	41.20 1.86 -5.06	40.11 1.82 -1.75	51.81 2.24 0.00	51.32 2.57 -2.58	140.47 6.05 0.00	70.00 3.11 0.00	64.73 3.43 0.00	122.04 6.36 0.00	64.29 3.40 0.00	53.40 3.17 -0.07	50.25 2.62 -0.48

LISF___SOLAR 323691	47.22 2.44 0.00	46.21 1.93 0.00	46.62 1.79 0.00	40.49 1.59 0.00	46.98 1.50 0.00	48.65 1.89 0.00	50.40 2.65 0.00	54.19 2.85 0.00	50.68 3.15 -3.70	53.50 2.95 -16.82	57.42 3.00 -19.86	52.83 3.13 -9.60	46.59 2.40 -9.55	41.24 1.90 -5.07	40.15 1.86 -1.75	51.85 2.29 0.00	51.37 2.62 -2.58	140.66 6.25 0.00	70.10 3.20 0.00	64.82 3.53 0.00	122.22 6.54 0.00	64.37 3.48 0.00	53.47 3.25 -0.07	50.33 2.70 -0.48
LITTLE FALLS___HYD 24013	45.77 1.00 0.00	44.73 0.45 0.00	45.18 0.36 0.00	39.26 0.36 0.00	45.71 0.24 0.00	47.12 0.36 0.00	48.98 1.23 0.00	52.58 1.23 0.00	44.12 0.30 0.00	34.37 0.65 0.00	35.15 0.60 0.00	39.31 -0.79 0.00	33.40 -1.24 0.00	32.62 -1.64 0.00	34.82 -1.71 0.00	48.23 -1.34 0.00	44.87 -1.31 0.00	134.30 -0.12 0.00	67.47 0.57 0.00	63.34 2.05 0.00	119.94 4.26 0.00	62.79 1.90 0.00	51.71 1.56 0.00	48.56 1.41 0.00
LITTLRIV_115KV_TB1 356100	44.55 -0.22 0.00	44.25 -0.03 0.00	44.78 -0.04 0.00	38.83 -0.08 0.00	45.40 -0.08 0.00	46.61 -0.15 0.00	47.13 -0.62 0.00	50.55 -0.79 0.00	43.22 -0.60 0.00	32.45 -1.29 -0.02	33.11 -1.45 0.00	39.05 -1.04 0.00	33.85 -0.79 0.00	33.50 -0.76 0.00	35.79 -0.75 0.00	48.32 -1.24 0.00	45.38 -0.80 0.00	131.61 -2.80 0.00	65.74 -1.15 0.00	60.28 -1.01 0.00	113.95 -1.73 0.00	60.22 -0.67 0.00	49.54 -0.61 0.00	46.57 -0.58 0.00
LI_NEWBRDGE___DRP 323616	47.00 2.23 0.00	46.05 1.77 0.00	46.49 1.66 0.00	40.34 1.43 0.00	46.90 1.43 0.00	48.46 1.70 0.00	50.12 2.36 0.00	53.95 2.60 0.00	50.21 2.91 -3.48	52.36 2.79 -15.85	55.96 2.77 -18.64	51.84 2.74 -9.01	45.77 2.17 -8.96	40.82 1.79 -4.76	39.91 1.73 -1.65	51.65 2.09 0.00	50.82 2.22 -2.42	139.55 5.13 0.00	69.62 2.73 0.00	64.25 2.96 0.00	121.32 5.64 0.00	63.94 3.05 0.00	52.85 2.63 -0.07	49.96 2.37 -0.45
LOCKPORT_115KV_TB60_63_64 80432	41.11 -3.36 0.31	39.73 -2.99 1.57	41.55 -3.27 0.00	36.07 -2.84 0.00	42.72 -2.75 0.00	44.52 -2.25 0.00	46.10 -1.66 0.00	49.09 -2.25 0.00	41.60 -2.22 0.00	32.49 -1.37 -0.14	32.96 -1.60 0.00	33.36 -2.55 4.18	31.83 -1.81 0.99	32.70 -1.57 0.00	34.95 -1.59 0.00	47.24 -2.32 0.00	43.56 -2.61 0.00	109.29 -9.55 15.57	60.74 -4.87 1.29	57.59 -3.70 0.00	107.89 -7.79 0.00	57.28 -3.61 0.00	47.58 -2.57 0.00	44.58 -2.57 0.00
LOCKPORT___CC1 323769	41.10 -3.36 0.31	39.67 -3.02 1.59	41.54 -3.28 0.00	36.04 -2.86 0.00	42.71 -2.77 0.00	44.51 -2.26 0.00	46.09 -1.66 0.00	49.10 -2.25 0.00	41.63 -2.20 0.00	32.49 -1.38 -0.14	32.96 -1.60 0.00	33.26 -2.58 4.25	31.78 -1.84 1.01	32.65 -1.62 0.00	34.91 -1.63 0.00	47.18 -2.38 0.00	43.53 -2.65 0.00	108.93 -9.63 15.86	60.61 -4.90 1.39	57.60 -3.69 0.00	107.93 -7.75 0.00	57.27 -3.62 0.00	47.54 -2.61 0.00	44.58 -2.56 0.00
LOCKPORT___CC2 323770	41.10 -3.36 0.31	39.67 -3.02 1.59	41.54 -3.28 0.00	36.04 -2.86 0.00	42.71 -2.77 0.00	44.51 -2.26 0.00	46.09 -1.66 0.00	49.10 -2.25 0.00	41.63 -2.20 0.00	32.49 -1.38 -0.14	32.96 -1.60 0.00	33.26 -2.58 4.25	31.78 -1.84 1.01	32.65 -1.62 0.00	34.91 -1.63 0.00	47.18 -2.38 0.00	43.53 -2.65 0.00	108.93 -9.63 15.86	60.61 -4.90 1.39	57.60 -3.69 0.00	107.93 -7.75 0.00	57.27 -3.62 0.00	47.54 -2.61 0.00	44.58 -2.56 0.00
LOCKPORT___CC3 323771	41.10 -3.36 0.31	39.67 -3.02 1.59	41.54 -3.28 0.00	36.04 -2.86 0.00	42.71 -2.77 0.00	44.51 -2.26 0.00	46.09 -1.66 0.00	49.10 -2.25 0.00	41.63 -2.20 0.00	32.49 -1.38 -0.14	32.96 -1.60 0.00	33.26 -2.58 4.25	31.78 -1.84 1.01	32.65 -1.62 0.00	34.91 -1.63 0.00	47.18 -2.38 0.00	43.53 -2.65 0.00	108.93 -9.63 15.86	60.61 -4.90 1.39	57.60 -3.69 0.00	107.93 -7.75 0.00	57.27 -3.62 0.00	47.54 -2.61 0.00	44.58 -2.56 0.00
LOCUSVLY_69_KV_BK2 55797	47.40 2.62 0.00	46.45 2.17 0.00	46.89 2.06 0.00	40.67 1.76 0.00	47.32 1.85 0.00	48.90 2.14 0.00	50.57 2.82 0.00	54.51 3.16 0.00	52.48 3.31 -5.35	60.67 3.09 -23.85	66.36 3.10 -28.71	57.07 3.09 -13.88	50.91 2.46 -13.81	43.67 2.08 -7.33	41.10 2.03 -2.54	52.13 2.57 0.00	52.53 2.62 -3.73	141.13 6.71 0.00	70.50 3.61 0.00	64.99 3.70 0.00	122.80 7.12 0.00	64.68 3.79 0.00	53.39 3.13 -0.11	50.68 2.84 -0.69
LONG_LAKE_PHOENIX 24014	43.41 -1.37 0.00	42.90 -1.38 0.00	43.47 -1.35 0.00	37.73 -1.17 0.00	44.13 -1.35 0.00	45.48 -1.28 0.00	46.64 -1.11 0.00	50.10 -1.24 0.00	42.66 -1.17 0.00	33.02 -0.79 -0.09	33.65 -0.91 0.00	38.86 -1.23 0.00	33.56 -1.08 0.00	33.16 -1.11 0.00	35.35 -1.19 0.00	48.01 -1.55 0.00	44.73 -1.44 0.00	130.10 -4.32 0.00	64.69 -2.20 0.00	59.34 -1.96 0.00	111.97 -3.72 0.00	58.95 -1.94 0.00	48.48 -1.67 0.00	45.56 -1.59 0.00
LOVETT___3 23632	46.71 1.93 0.00	45.89 1.61 0.00	46.29 1.47 0.00	40.12 1.21 0.00	46.80 1.32 0.00	48.30 1.53 0.00	49.97 2.22 0.00	54.04 2.70 0.00	46.35 2.53 0.00	37.18 2.43 -1.03	37.02 2.46 0.00	42.48 2.38 0.00	36.39 1.76 0.00	35.76 1.49 0.00	37.91 1.37 0.00	51.41 1.85 0.00	47.99 1.82 0.00	140.04 5.62 0.00	70.12 3.22 0.00	64.41 3.12 0.00	122.01 6.33 0.00	64.09 3.20 0.00	52.60 2.45 0.00	49.29 2.15 0.00
LOVETT___4 23642	46.71 1.93 0.00	45.89 1.61 0.00	46.29 1.47 0.00	40.12 1.21 0.00	46.80 1.32 0.00	48.30 1.53 0.00	49.97 2.22 0.00	54.04 2.70 0.00	46.35 2.53 0.00	37.18 2.43 -1.03	37.02 2.46 0.00	42.48 2.38 0.00	36.39 1.76 0.00	35.76 1.49 0.00	37.91 1.37 0.00	51.41 1.85 0.00	47.99 1.82 0.00	140.04 5.62 0.00	70.12 3.22 0.00	64.41 3.12 0.00	122.01 6.33 0.00	64.09 3.20 0.00	52.60 2.45 0.00	49.29 2.15 0.00
LOVETT___5 23593	46.71 1.93 0.00	45.89 1.61 0.00	46.29 1.47 0.00	40.12 1.21 0.00	46.80 1.32 0.00	48.30 1.53 0.00	49.97 2.22 0.00	54.04 2.70 0.00	46.35 2.53 0.00	37.18 2.43 -1.03	37.02 2.46 0.00	42.48 2.38 0.00	36.39 1.76 0.00	35.76 1.49 0.00	37.91 1.37 0.00	51.41 1.85 0.00	47.99 1.82 0.00	140.04 5.62 0.00	70.12 3.22 0.00	64.41 3.12 0.00	122.01 6.33 0.00	64.09 3.20 0.00	52.60 2.45 0.00	49.29 2.15 0.00
LOWER RAQUET___HYD 24057	43.88 -0.90 0.00	43.56 -0.72 0.00	44.08 -0.74 0.00	38.23 -0.68 0.00	44.69 -0.79 0.00	45.85 -0.91 0.00	46.40 -1.36 0.00	49.79 -1.55 0.00	42.60 -1.23 0.00	31.99 -1.75 -0.02	32.70 -1.86 0.00	38.69 -1.40 0.00	33.50 -1.14 0.00	33.16 -1.11 0.00	35.42 -1.12 0.00	47.81 -1.75 0.00	44.73 -1.45 0.00	129.77 -4.65 0.00	64.73 -2.17 0.00	59.25 -2.04 0.00	112.02 -3.66 0.00	59.23 -1.66 0.00	48.74 -1.41 0.00	45.81 -1.33 0.00
LOWER___HUDSON 24059	46.17 1.39 0.00	45.53 1.25 0.00	45.99 1.17 0.00	39.93 1.02 0.00	46.62 1.14 0.00	48.02 1.26 0.00	49.40 1.65 0.00	53.21 1.87 0.00	45.44 1.62 0.00	36.36 1.44 -1.20	35.98 1.42 0.00	41.39 1.30 0.00	35.43 0.80 0.00	35.15 0.88 0.00	37.40 0.86 0.00	50.89 1.33 0.00	47.33 1.15 0.00	138.19 3.77 0.00	68.89 2.00 0.00	63.37 2.08 0.00	119.80 4.12 0.00	63.14 2.25 0.00	51.98 1.83 0.00	48.86 1.71 0.00

LOWVILLE_115KV_TB2 356335	44.97 0.19 0.00	44.35 0.08 0.00	44.83 0.01 0.00	38.87 -0.03 0.00	44.87 -0.61 0.00	46.31 -0.46 0.00	47.52 -0.24 0.00	50.91 -0.44 0.00	43.08 -0.75 0.00	32.62 -1.15 -0.05	32.97 -1.58 0.00	38.52 -1.58 0.00	33.43 -1.20 0.00	32.92 -1.35 0.00	35.00 -1.53 0.00	47.83 -1.74 0.00	44.72 -1.46 0.00	130.33 -4.08 0.00	65.51 -1.38 0.00	60.46 -0.83 0.00	115.15 -0.53 0.00	60.47 -0.43 0.00	49.44 -0.71 0.00	46.19 -0.96 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.47 1.69 0.00	45.79 1.51 0.00	46.32 1.50 0.00	40.22 1.31 0.00	47.01 1.54 0.00	48.47 1.71 0.00	50.06 2.31 0.00	53.93 2.59 0.00	45.99 2.17 0.00	36.73 1.80 -1.21	36.32 1.76 0.00	41.77 1.67 0.00	35.69 1.06 0.00	35.31 1.05 0.00	37.59 1.06 0.00	51.13 1.57 0.00	47.65 1.47 0.00	139.49 5.07 0.00	69.81 2.91 0.00	64.36 3.07 0.00	121.59 5.91 0.00	64.11 3.21 0.00	52.68 2.53 0.00	49.47 2.32 0.00
LUTHERNY_35_KV_BK2 355980	46.52 1.75 0.00	45.83 1.55 0.00	46.35 1.52 0.00	40.24 1.34 0.00	47.05 1.58 0.00	48.55 1.78 0.00	50.08 2.33 0.00	53.98 2.64 0.00	46.03 2.21 0.00	36.76 1.83 -1.21	36.35 1.79 0.00	41.80 1.71 0.00	35.72 1.08 0.00	35.33 1.07 0.00	37.63 1.09 0.00	51.17 1.61 0.00	47.70 1.52 0.00	139.80 5.38 0.00	69.97 3.07 0.00	64.44 3.15 0.00	121.78 6.10 0.00	64.17 3.28 0.00	52.73 2.58 0.00	49.51 2.37 0.00
LWR__OSWEGATCHIE_HYD 23850	43.93 -0.85 0.00	43.47 -0.80 0.00	43.97 -0.85 0.00	38.12 -0.78 0.00	44.29 -1.19 0.00	45.55 -1.22 0.00	46.39 -1.36 0.00	49.75 -1.59 0.00	42.34 -1.48 0.00	31.90 -1.86 -0.03	32.40 -2.16 0.00	38.16 -1.93 0.00	33.10 -1.54 0.00	32.65 -1.62 0.00	34.80 -1.73 0.00	47.17 -2.39 0.00	44.09 -2.09 0.00	128.23 -6.18 0.00	64.26 -2.64 0.00	59.07 -2.22 0.00	112.09 -3.59 0.00	59.07 -1.82 0.00	48.56 -1.60 0.00	45.51 -1.64 0.00
LYONS_FALL_HYD 23570	45.28 0.51 0.00	44.67 0.39 0.00	45.16 0.33 0.00	39.17 0.26 0.00	45.38 -0.10 0.00	46.83 0.06 0.00	48.05 0.30 0.00	51.53 0.19 0.00	43.72 -0.11 0.00	33.27 -0.49 -0.05	33.76 -0.80 0.00	39.26 -0.84 0.00	33.96 -0.68 0.00	33.53 -0.74 0.00	35.70 -0.84 0.00	48.75 -0.81 0.00	45.54 -0.63 0.00	132.74 -1.67 0.00	66.56 -0.33 0.00	61.35 0.06 0.00	116.55 0.88 0.00	61.23 0.34 0.00	50.12 -0.03 0.00	46.89 -0.25 0.00
MADISON__COUNTY_LFGE 323628	45.71 0.93 0.00	45.08 0.80 0.00	45.61 0.78 0.00	39.57 0.66 0.00	46.21 0.74 0.00	47.64 0.88 0.00	48.91 1.16 0.00	52.49 1.15 0.00	44.66 0.84 0.00	34.30 0.51 -0.07	34.93 0.37 0.00	40.33 0.24 0.00	34.74 0.10 0.00	34.43 0.16 0.00	36.75 0.22 0.00	50.06 0.50 0.00	46.77 0.60 0.00	136.19 1.78 0.00	67.98 1.08 0.00	62.51 1.21 0.00	118.30 2.62 0.00	62.22 1.33 0.00	51.06 0.91 0.00	47.90 0.76 0.00
MALONE__115KV_TB1 356076	44.85 0.07 0.00	44.49 0.21 0.00	45.05 0.23 0.00	39.09 0.18 0.00	45.75 0.27 0.00	47.00 0.24 0.00	47.68 -0.07 0.00	51.25 -0.10 0.00	43.89 0.07 0.00	33.37 -0.35 0.00	34.14 -0.41 0.00	39.95 -0.15 0.00	34.63 -0.01 0.00	34.26 -0.02 0.00	36.64 0.10 0.00	49.41 -0.15 0.00	46.23 0.05 0.00	134.04 -0.38 0.00	66.87 -0.03 0.00	61.08 -0.21 0.00	115.29 -0.39 0.00	60.87 -0.02 0.00	50.01 -0.14 0.00	47.04 -0.11 0.00
MAPLEWOD_115KV_TB3 80458	45.95 1.18 0.00	45.31 1.03 0.00	45.80 0.98 0.00	39.81 0.90 0.00	46.41 0.93 0.00	47.81 1.05 0.00	49.24 1.49 0.00	53.09 1.75 0.00	45.37 1.55 0.00	36.30 1.38 -1.19	35.91 1.35 0.00	41.34 1.24 0.00	35.38 0.74 0.00	35.02 0.75 0.00	37.26 0.73 0.00	50.66 1.10 0.00	47.14 0.96 0.00	137.52 3.10 0.00	68.64 1.74 0.00	63.16 1.86 0.00	119.38 3.70 0.00	62.87 1.98 0.00	51.76 1.61 0.00	48.61 1.47 0.00
MAPLE_RIDGE_WT_1 323574	44.73 -0.04 0.00	44.27 -0.01 0.00	44.80 -0.02 0.00	38.87 -0.04 0.00	45.29 -0.19 0.00	46.62 -0.15 0.00	47.57 -0.18 0.00	51.10 -0.24 0.00	43.48 -0.34 0.00	33.36 -0.37 0.00	34.10 -0.46 0.00	39.62 -0.47 0.00	34.33 -0.31 0.00	33.92 -0.35 0.00	36.16 -0.37 0.00	49.20 -0.36 0.00	45.96 -0.21 0.00	133.51 -0.91 0.00	66.48 -0.42 0.00	60.92 -0.37 0.00	115.17 -0.51 0.00	60.66 -0.24 0.00	49.85 -0.30 0.00	46.77 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	44.73 -0.04 0.00	44.27 -0.01 0.00	44.80 -0.02 0.00	38.87 -0.04 0.00	45.29 -0.19 0.00	46.62 -0.15 0.00	47.57 -0.18 0.00	51.10 -0.24 0.00	43.48 -0.34 0.00	33.36 -0.37 0.00	34.10 -0.46 0.00	39.62 -0.47 0.00	34.33 -0.31 0.00	33.92 -0.35 0.00	36.16 -0.37 0.00	49.20 -0.36 0.00	45.96 -0.21 0.00	133.51 -0.91 0.00	66.48 -0.42 0.00	60.92 -0.37 0.00	115.17 -0.51 0.00	60.66 -0.24 0.00	49.85 -0.30 0.00	46.77 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	44.88 0.10 0.00	44.52 0.24 0.00	45.08 0.25 0.00	39.13 0.22 0.00	45.80 0.32 0.00	47.02 0.25 0.00	47.73 -0.02 0.00	51.23 -0.11 0.00	43.85 0.03 0.00	33.50 -0.23 0.00	34.30 -0.26 0.00	39.99 -0.10 0.00	34.67 0.03 0.00	34.34 0.07 0.00	36.72 0.18 0.00	49.60 0.04 0.00	46.25 0.07 0.00	134.27 -0.15 0.00	66.88 -0.02 0.00	61.04 -0.26 0.00	115.16 -0.52 0.00	60.75 -0.14 0.00	49.95 -0.20 0.00	46.98 -0.16 0.00
MARSHVLE_115KV_TB1 80742	46.74 1.92 -0.04	46.32 1.83 -0.21	46.68 1.86 0.00	40.50 1.59 0.00	47.42 1.95 0.00	48.87 2.11 0.00	50.60 2.85 0.00	53.96 2.62 0.00	45.17 1.34 0.00	36.00 0.97 -1.31	35.37 0.81 0.00	41.31 0.42 -0.80	35.01 0.18 -0.19	34.35 0.08 0.00	36.76 0.22 0.00	50.42 0.86 0.00	47.36 1.19 0.00	142.60 4.71 -3.47	69.57 2.68 0.00	64.49 3.20 0.00	122.18 6.50 0.00	63.86 2.97 0.00	52.44 2.29 0.00	49.21 2.06 0.00
MARSH_HILL_WT_PWR 323713	42.46 -1.80 0.51	39.68 -1.98 2.62	42.42 -2.40 0.00	36.57 -2.34 0.00	43.55 -1.92 0.00	45.26 -1.50 0.00	47.10 -0.65 0.00	50.41 -0.93 0.00	42.45 -1.38 0.00	32.53 -1.38 -0.18	32.58 -1.97 0.00	30.24 -2.85 7.01	30.57 -2.41 1.67	32.11 -2.16 0.00	34.44 -2.09 0.00	46.85 -2.71 0.00	43.62 -2.55 0.00	99.35 -8.24 26.83	68.58 -3.46 -5.15	59.71 -1.58 0.00	111.93 -3.74 0.00	59.34 -1.55 0.00	48.78 -1.38 0.00	45.78 -1.37 0.00
MCINTYRE_115KV_TB2 80467	45.18 0.41 0.00	44.90 0.62 0.00	45.42 0.60 0.00	39.39 0.48 0.00	46.09 0.62 0.00	47.33 0.56 0.00	47.81 0.06 0.00	51.26 -0.08 0.00	43.82 0.00 0.00	32.89 -0.83 0.00	33.55 -1.01 0.00	39.47 -0.62 0.00	34.24 -0.39 0.00	33.92 -0.35 0.00	36.25 -0.29 0.00	48.93 -0.64 0.00	46.07 -0.10 0.00	133.49 -0.93 0.00	66.74 -0.15 0.00	61.26 -0.04 0.00	115.72 0.03 0.00	61.13 0.24 0.00	50.28 0.13 0.00	47.27 0.12 0.00
MECO____69_KV_BK1 80468	47.09 2.31 0.00	46.45 2.18 0.00	47.00 2.17 0.00	40.79 1.88 0.00	47.75 2.27 0.00	49.24 2.48 0.00	50.86 3.11 0.00	54.28 2.94 0.00	45.24 1.42 0.00	36.13 1.14 -1.27	35.58 1.02 0.00	41.10 0.37 -0.64	34.71 -0.08 -0.15	34.02 -0.24 0.00	36.46 -0.08 0.00	49.72 0.16 0.00	46.70 0.52 0.00	141.36 4.53 -2.41	69.43 2.53 0.00	65.05 3.76 0.00	123.46 7.78 0.00	64.73 3.83 0.00	53.12 2.97 0.00	49.81 2.67 0.00

MENANDS__115KV_TB5 355628	45.75 0.97 0.00	45.09 0.81 0.00	45.59 0.76 0.00	39.66 0.75 0.00	46.20 0.72 0.00	47.61 0.84 0.00	49.02 1.28 0.00	52.89 1.54 0.00	45.22 1.40 0.00	36.20 1.28 -1.19	35.84 1.28 0.00	41.24 1.14 0.00	35.30 0.66 0.00	34.95 0.68 0.00	37.19 0.65 0.00	50.55 0.99 0.00	47.02 0.85 0.00	137.08 2.66 0.00	68.38 1.48 0.00	62.86 1.56 0.00	118.80 3.12 0.00	62.55 1.66 0.00	51.50 1.35 0.00	48.38 1.23 0.00
MG INDUSTRY__DRP 24185	45.79 1.01 0.00	45.15 0.87 0.00	45.67 0.85 0.00	39.72 0.82 0.00	46.33 0.85 0.00	47.74 0.98 0.00	49.10 1.35 0.00	52.94 1.60 0.00	45.20 1.38 0.00	36.09 1.20 -1.17	35.69 1.13 0.00	41.10 1.00 0.00	35.20 0.56 0.00	34.84 0.58 0.00	37.10 0.56 0.00	50.41 0.85 0.00	46.93 0.75 0.00	136.63 2.22 0.00	68.32 1.42 0.00	62.89 1.60 0.00	118.77 3.09 0.00	62.58 1.68 0.00	51.54 1.39 0.00	48.43 1.28 0.00
MID__OSWEGATCHIE_HYD 23849	43.93 -0.85 0.00	43.47 -0.80 0.00	43.97 -0.85 0.00	38.12 -0.78 0.00	44.29 -1.19 0.00	45.55 -1.22 0.00	46.39 -1.36 0.00	49.75 -1.59 0.00	42.34 -1.48 0.00	31.90 -1.86 -0.03	32.40 -2.16 0.00	38.16 -1.93 0.00	33.10 -1.54 0.00	32.65 -1.62 0.00	34.80 -1.73 0.00	47.17 -2.39 0.00	44.09 -2.09 0.00	128.23 -6.18 0.00	64.26 -2.64 0.00	59.07 -2.22 0.00	112.09 -3.59 0.00	59.07 -1.82 0.00	48.56 -1.60 0.00	45.51 -1.64 0.00
MID__RAQUETTE_HYD 23851	43.87 -0.90 0.00	43.55 -0.73 0.00	44.08 -0.74 0.00	38.23 -0.68 0.00	44.67 -0.80 0.00	45.85 -0.91 0.00	46.39 -1.36 0.00	49.80 -1.54 0.00	42.60 -1.23 0.00	31.99 -1.75 -0.02	32.70 -1.86 0.00	38.69 -1.41 0.00	33.50 -1.14 0.00	33.16 -1.11 0.00	35.42 -1.12 0.00	47.82 -1.74 0.00	44.73 -1.45 0.00	129.76 -4.66 0.00	64.73 -2.17 0.00	59.25 -2.04 0.00	112.02 -3.66 0.00	59.23 -1.66 0.00	48.73 -1.42 0.00	45.82 -1.33 0.00
MILLIKEN__1 23584	45.13 0.46 0.11	44.12 0.42 0.57	45.24 0.42 0.00	39.24 0.33 0.00	45.96 0.48 0.00	47.43 0.67 0.00	48.83 1.08 0.00	52.24 0.90 0.00	44.23 0.41 0.00	34.12 0.19 -0.21	34.52 -0.04 0.00	38.29 -0.33 1.48	34.01 -0.28 0.35	33.97 -0.30 0.00	36.32 -0.22 0.00	49.43 -0.13 0.00	46.23 0.05 0.00	132.08 0.20 2.54	67.53 0.24 -0.40	61.83 0.54 0.00	116.53 0.85 0.00	61.38 0.49 0.00	50.37 0.22 0.00	47.31 0.17 0.00
MILLIKEN__2 23585	45.13 0.46 0.11	44.12 0.42 0.57	45.24 0.42 0.00	39.24 0.33 0.00	45.96 0.48 0.00	47.43 0.67 0.00	48.83 1.08 0.00	52.24 0.90 0.00	44.23 0.41 0.00	34.12 0.19 -0.21	34.52 -0.04 0.00	38.29 -0.33 1.48	34.01 -0.28 0.35	33.97 -0.30 0.00	36.32 -0.22 0.00	49.43 -0.13 0.00	46.23 0.05 0.00	132.08 0.20 2.54	67.53 0.24 -0.40	61.83 0.54 0.00	116.53 0.85 0.00	61.38 0.49 0.00	50.37 0.22 0.00	47.31 0.17 0.00
MILLIKEN__DIESEL 23629	45.13 0.46 0.11	44.12 0.42 0.57	45.24 0.42 0.00	39.24 0.33 0.00	45.96 0.48 0.00	47.43 0.67 0.00	48.83 1.08 0.00	52.24 0.90 0.00	44.23 0.41 0.00	34.12 0.19 -0.21	34.52 -0.04 0.00	38.29 -0.33 1.48	34.01 -0.28 0.35	33.97 -0.30 0.00	36.32 -0.22 0.00	49.43 -0.13 0.00	46.23 0.05 0.00	132.08 0.20 2.54	67.53 0.24 -0.40	61.83 0.54 0.00	116.53 0.85 0.00	61.38 0.49 0.00	50.37 0.22 0.00	47.31 0.17 0.00
MILLSEAT__LFGE 323607	42.23 -2.26 0.28	40.84 -1.99 1.45	42.59 -2.23 0.00	36.96 -1.94 0.00	43.73 -1.74 0.00	45.54 -1.22 0.00	47.13 -0.62 0.00	50.05 -1.29 0.00	42.15 -1.68 0.00	32.74 -1.12 -0.13	33.20 -1.36 0.00	34.00 -2.22 3.88	32.17 -1.55 0.92	32.94 -1.33 0.00	35.26 -1.28 0.00	48.08 -1.48 0.00	44.51 -1.66 0.00	113.83 -6.26 14.32	62.65 -3.18 1.06	59.15 -2.14 0.00	111.05 -4.63 0.00	58.80 -2.09 0.00	48.70 -1.45 0.00	45.61 -1.54 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.75 1.97 0.00	45.96 1.68 0.00	46.38 1.56 0.00	40.20 1.29 0.00	46.88 1.40 0.00	48.38 1.61 0.00	50.02 2.27 0.00	54.09 2.75 0.00	46.43 2.61 0.00	37.26 2.50 -1.04	37.10 2.54 0.00	42.58 2.48 0.00	36.46 1.82 0.00	35.80 1.53 0.00	37.96 1.42 0.00	51.48 1.92 0.00	48.08 1.91 0.00	140.28 5.86 0.00	70.23 3.33 0.00	64.51 3.22 0.00	122.20 6.52 0.00	64.21 3.32 0.00	52.70 2.55 0.00	49.38 2.23 0.00
MILLWOOD_13_KV_LOAD 356217	46.84 2.06 0.00	46.02 1.74 0.00	46.45 1.62 0.00	40.25 1.35 0.00	46.95 1.48 0.00	48.45 1.69 0.00	50.10 2.35 0.00	54.19 2.85 0.00	46.49 2.67 0.00	37.31 2.54 -1.04	37.15 2.59 0.00	42.63 2.54 0.00	36.52 1.88 0.00	35.85 1.58 0.00	38.00 1.46 0.00	51.55 1.99 0.00	48.15 1.97 0.00	140.51 6.09 0.00	70.35 3.45 0.00	64.62 3.33 0.00	122.42 6.74 0.00	64.33 3.44 0.00	52.78 2.63 0.00	49.46 2.31 0.00
MODEL_CITY_ENERGY 24167	40.65 -3.81 0.32	39.24 -3.42 1.62	41.12 -3.71 0.00	35.69 -3.21 0.00	42.28 -3.20 0.00	44.05 -2.71 0.00	45.62 -2.13 0.00	48.60 -2.74 0.00	41.24 -2.58 0.00	32.27 -1.59 -0.14	32.74 -1.82 0.00	32.93 -2.83 4.34	31.59 -2.02 1.03	32.50 -1.76 0.00	34.74 -1.80 0.00	46.92 -2.64 0.00	43.18 -2.99 0.00	107.26 -10.95 16.21	59.92 -5.61 1.37	56.93 -4.37 0.00	106.64 -9.04 0.00	56.61 -4.28 0.00	47.05 -3.10 0.00	44.12 -3.02 0.00
MODERN_LFGE__ 323580	40.65 -3.81 0.32	39.24 -3.42 1.62	41.12 -3.71 0.00	35.69 -3.21 0.00	42.28 -3.20 0.00	44.05 -2.71 0.00	45.62 -2.13 0.00	48.60 -2.74 0.00	41.24 -2.58 0.00	32.27 -1.59 -0.14	32.74 -1.82 0.00	32.93 -2.83 4.34	31.59 -2.02 1.03	32.50 -1.76 0.00	34.74 -1.80 0.00	46.92 -2.64 0.00	43.18 -2.99 0.00	107.26 -10.95 16.21	59.92 -5.61 1.37	56.93 -4.37 0.00	106.64 -9.04 0.00	56.61 -4.28 0.00	47.05 -3.10 0.00	44.12 -3.02 0.00
MOHAWK_PAPER__DRP 24187	45.95 1.18 0.00	45.31 1.03 0.00	45.80 0.98 0.00	39.81 0.90 0.00	46.41 0.93 0.00	47.81 1.05 0.00	49.24 1.49 0.00	53.09 1.75 0.00	45.37 1.55 0.00	36.30 1.38 -1.19	35.91 1.35 0.00	41.34 1.24 0.00	35.38 0.74 0.00	35.02 0.75 0.00	37.26 0.73 0.00	50.66 1.10 0.00	47.14 0.96 0.00	137.52 3.10 0.00	68.64 1.74 0.00	63.16 1.86 0.00	119.38 3.70 0.00	62.87 1.98 0.00	51.76 1.61 0.00	48.61 1.47 0.00
MOHICAN__35_KV_115KV_LD 80490	46.53 1.75 0.00	45.81 1.53 0.00	46.42 1.60 0.00	40.29 1.39 0.00	47.14 1.67 0.00	48.64 1.87 0.00	50.64 2.89 0.00	54.62 3.28 0.00	46.61 2.79 0.00	37.20 2.26 -1.21	36.82 2.26 0.00	42.24 2.14 0.00	35.92 1.28 0.00	35.59 1.33 0.00	37.90 1.37 0.00	51.52 1.96 0.00	48.02 1.84 0.00	140.70 6.28 0.00	70.64 3.75 0.00	65.29 3.99 0.00	123.31 7.64 0.00	65.20 4.30 0.00	53.49 3.33 0.00	50.14 3.00 0.00
MONGAUP__HYD 23641	46.96 2.14 -0.04	46.28 1.79 -0.22	46.50 1.68 0.00	40.42 1.52 0.00	47.03 1.56 0.00	48.54 1.77 0.00	50.14 2.39 0.00	54.20 2.86 0.00	46.14 2.32 0.00	36.65 1.93 -0.99	36.24 1.68 0.00	42.16 1.50 -0.57	35.76 0.99 -0.13	35.10 0.84 0.00	37.31 0.77 0.00	50.90 1.34 0.00	47.54 1.36 0.00	138.71 4.29 0.00	69.26 2.37 0.00	64.35 3.05 0.00	122.08 6.40 0.00	64.21 3.31 0.00	52.66 2.51 0.00	49.38 2.24 0.00

MONTAUK___DIESEL 23721	46.07 1.29 0.00	45.09 0.81 0.00	45.59 0.77 0.00	39.44 0.54 0.00	45.97 0.50 0.00	48.05 1.29 0.00	50.26 2.51 0.00	54.12 2.77 0.00	50.78 3.26 -3.70	53.45 2.92 -16.81	57.72 3.32 -19.84	53.24 3.55 -9.59	47.10 2.92 -9.55	41.47 2.13 -5.07	40.13 1.84 -1.75	52.38 2.82 0.00	52.72 3.96 -2.58	145.20 10.78 0.00	72.82 5.92 0.00	67.46 6.17 0.00	125.86 10.18 0.00	66.37 5.48 0.00	55.30 5.08 -0.07	51.81 4.18 -0.48
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.32 -2.06 0.40	40.66 -1.59 2.03	43.27 -1.55 0.00	37.42 -1.49 0.00	44.39 -1.08 0.00	46.32 -0.45 0.00	48.20 0.45 0.00	51.51 0.16 0.00	43.71 -0.11 0.00	33.78 -0.10 -0.16	34.26 -0.30 0.00	33.35 -1.32 5.42	32.19 -1.16 1.29	33.29 -0.98 0.00	35.33 -1.21 0.00	47.67 -1.89 0.00	43.98 -2.20 0.00	105.96 -7.84 20.61	62.53 -3.04 1.33	59.95 -1.34 0.00	112.28 -3.40 0.00	59.66 -1.23 0.00	49.18 -0.97 0.00	46.15 -1.00 0.00
MORRIS_RIDGE___SOLAR 323848	41.91 -2.38 0.49	39.40 -2.39 2.50	42.14 -2.68 0.00	36.43 -2.48 0.00	43.20 -2.28 0.00	44.94 -1.82 0.00	46.65 -1.11 0.00	49.56 -1.78 0.00	41.75 -2.08 0.00	32.11 -1.79 -0.18	32.40 -2.15 0.00	30.25 -3.17 6.67	30.41 -2.64 1.59	31.84 -2.43 0.00	34.20 -2.33 0.00	46.42 -3.14 0.00	43.20 -2.98 0.00	98.99 -9.77 25.66	54.98 -4.24 7.67	58.83 -2.46 0.00	110.01 -5.67 0.00	58.35 -2.55 0.00	48.12 -2.03 0.00	45.19 -1.96 0.00
MORTIMER_115KV_TB3 55949	43.20 -1.38 0.19	42.03 -1.27 0.98	43.45 -1.38 0.00	37.70 -1.21 0.00	44.38 -1.10 0.00	45.99 -0.77 0.00	47.37 -0.38 0.00	50.62 -0.73 0.00	42.89 -0.94 0.00	33.30 -0.54 -0.12	33.86 -0.70 0.00	36.28 -1.20 2.61	33.13 -0.89 0.62	33.50 -0.77 0.00	35.83 -0.71 0.00	48.62 -0.94 0.00	45.25 -0.92 0.00	122.01 -3.25 9.16	65.22 -1.67 0.00	60.10 -1.19 0.00	113.08 -2.60 0.00	59.69 -1.21 0.00	49.18 -0.97 0.00	46.11 -1.04 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.91 2.13 0.00	46.12 1.84 0.00	46.55 1.73 0.00	40.34 1.43 0.00	47.02 1.55 0.00	48.54 1.77 0.00	50.21 2.45 0.00	54.34 2.99 0.00	46.72 2.90 0.00	37.57 2.80 -1.04	37.45 2.89 0.00	42.95 2.85 0.00	36.78 2.14 0.00	35.98 1.71 0.00	38.11 1.57 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.98 6.57 0.00	70.57 3.67 0.00	64.75 3.46 0.00	122.82 7.14 0.00	64.55 3.66 0.00	52.94 2.79 0.00	49.58 2.43 0.00
MUNSVILLE_WIND_PWR 323609	48.08 3.23 -0.07	47.51 2.89 -0.34	47.79 2.97 0.00	41.38 2.47 0.00	48.44 2.96 0.00	50.00 3.23 0.00	52.14 4.39 0.00	55.60 4.26 0.00	46.51 2.69 0.00	35.57 1.52 -0.33	35.46 0.90 0.00	42.14 0.79 -1.25	35.31 0.37 -0.30	34.86 0.59 0.00	37.77 1.23 0.00	51.88 2.32 0.00	49.12 2.94 0.00	152.28 8.33 -9.54	71.79 4.63 -0.26	65.99 4.70 0.00	125.13 9.45 0.00	65.14 4.25 0.00	53.00 2.85 0.00	49.90 2.75 0.00
N SALMON___HYD 24042	44.85 0.07 0.00	44.50 0.22 0.00	45.05 0.23 0.00	39.09 0.18 0.00	45.76 0.29 0.00	47.00 0.24 0.00	47.68 -0.07 0.00	51.25 -0.10 0.00	43.89 0.07 0.00	33.38 -0.35 0.00	34.14 -0.42 0.00	39.95 -0.15 0.00	34.63 -0.01 0.00	34.26 -0.02 0.00	36.64 0.10 0.00	49.41 -0.15 0.00	46.23 0.05 0.00	134.05 -0.37 0.00	66.87 -0.03 0.00	61.08 -0.21 0.00	115.29 -0.39 0.00	60.87 -0.02 0.00	50.02 -0.13 0.00	47.02 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	41.90 -2.59 0.29	40.52 -2.26 1.50	42.30 -2.52 0.00	36.70 -2.20 0.00	43.47 -2.01 0.00	45.28 -1.49 0.00	46.86 -0.89 0.00	49.82 -1.52 0.00	42.07 -1.75 0.00	32.74 -1.13 -0.14	33.21 -1.35 0.00	33.87 -2.23 4.00	32.12 -1.57 0.95	32.95 -1.32 0.00	35.24 -1.30 0.00	47.87 -1.69 0.00	44.26 -1.92 0.00	112.45 -7.15 14.82	62.11 -3.63 1.15	58.73 -2.56 0.00	110.17 -5.51 0.00	58.41 -2.48 0.00	48.43 -1.73 0.00	45.33 -1.81 0.00
N.BELMOR_69_KV_BK1 55787	47.39 2.61 0.00	46.41 2.14 0.00	46.85 2.02 0.00	40.65 1.74 0.00	47.27 1.80 0.00	48.85 2.08 0.00	50.52 2.77 0.00	54.42 3.08 0.00	52.13 3.27 -5.04	59.30 3.07 -22.51	64.69 3.11 -27.02	56.29 3.13 -13.06	50.08 2.45 -13.00	43.25 2.09 -6.90	40.94 2.02 -2.39	52.07 2.51 0.00	52.25 2.56 -3.51	140.84 6.43 0.00	70.31 3.42 0.00	64.90 3.60 0.00	122.63 6.95 0.00	64.63 3.74 0.00	53.41 3.16 -0.10	50.63 2.83 -0.65
N.E_GEN_SANDY PD 24062	50.12 1.58 -3.77	45.65 1.37 0.00	46.60 1.36 -0.42	47.85 1.20 -7.74	54.97 1.33 -8.17	57.68 1.48 -9.43	65.33 1.98 -15.59	69.13 2.32 -15.47	62.25 2.09 -16.34	61.73 1.92 -26.08	55.98 1.94 -19.47	52.73 1.85 -10.78	75.81 1.16 -40.01	82.71 1.17 -47.27	69.24 1.14 -31.56	64.42 1.73 -13.13	48.67 1.55 -0.94	150.46 4.81 -11.22	72.01 2.48 -2.64	64.82 2.41 -1.12	119.73 4.81 0.75	67.96 2.58 -4.49	69.51 2.08 -17.28	62.64 1.91 -13.58
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.83 2.06 0.00	46.02 1.74 0.00	46.41 1.59 0.00	40.23 1.32 0.00	46.92 1.45 0.00	48.42 1.65 0.00	50.09 2.34 0.00	54.19 2.84 0.00	46.46 2.64 0.00	37.25 2.50 -1.03	37.10 2.54 0.00	42.56 2.46 0.00	36.48 1.84 0.00	35.84 1.58 0.00	38.01 1.47 0.00	51.52 1.96 0.00	48.13 1.95 0.00	140.40 5.99 0.00	70.31 3.41 0.00	64.59 3.30 0.00	122.37 6.69 0.00	64.27 3.37 0.00	52.73 2.58 0.00	49.42 2.28 0.00
N.QUEENS_27_KV_LOAD 356247	46.92 2.14 0.00	46.11 1.84 0.00	46.45 1.63 0.00	40.23 1.32 0.00	46.89 1.41 0.00	48.39 1.62 0.00	50.05 2.31 0.00	54.21 2.87 0.01	46.63 2.82 0.01	37.61 2.84 -1.04	37.46 2.90 0.00	42.94 2.85 0.00	36.83 2.20 0.00	36.06 1.80 0.00	37.93 1.40 0.00	51.67 2.11 0.00	48.30 2.12 0.00	140.65 6.23 0.00	70.55 3.66 0.00	64.67 3.38 0.01	122.90 7.23 0.01	64.53 3.65 0.01	52.89 2.75 0.01	49.53 2.39 0.01
N.TROY___115KV_TB1 355778	46.17 1.39 0.00	45.53 1.25 0.00	45.99 1.17 0.00	39.93 1.02 0.00	46.62 1.15 0.00	48.03 1.26 0.00	49.40 1.65 0.00	53.21 1.87 0.00	45.44 1.62 0.00	36.36 1.44 -1.20	35.98 1.42 0.00	41.39 1.30 0.00	35.43 0.80 0.00	35.15 0.88 0.00	37.40 0.86 0.00	50.90 1.34 0.00	47.33 1.15 0.00	138.18 3.77 0.00	68.89 2.00 0.00	63.37 2.08 0.00	119.81 4.13 0.00	63.14 2.25 0.00	51.98 1.83 0.00	48.86 1.71 0.00
NARROWS_GT1_1 24228	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT1_2 24229	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00

NARROWS_GT1_3 24230	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT1_4 24231	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT1_5 24232	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT1_6 24233	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT1_7 24234	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT1_8 24235	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_1 24236	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_2 24237	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_3 24238	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_4 24239	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_5 24240	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_6 24241	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_7 24242	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NARROWS_GT2_8 24243	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.45 1.67 0.00	45.77 1.49 0.00	46.27 1.45 0.00	40.26 1.36 0.00	46.93 1.46 0.00	48.41 1.65 0.00	49.90 2.15 0.00	53.90 2.56 0.00	46.01 2.19 0.00	36.60 1.72 -1.15	36.07 1.51 0.00	41.47 1.37 0.00	35.47 0.84 0.00	35.13 0.86 0.00	37.43 0.89 0.00	50.97 1.41 0.00	47.40 1.22 0.00	138.63 4.22 0.00	69.44 2.54 0.00	64.08 2.78 0.00	120.67 4.99 0.00	63.70 2.81 0.00	52.55 2.40 0.00	49.27 2.12 0.00

NCHELSEA_115KV_TR2 355582	46.96 2.19 0.00	46.17 1.89 0.00	46.63 1.81 0.00	40.42 1.51 0.00	47.17 1.69 0.00	48.67 1.91 0.00	50.29 2.54 0.00	54.37 3.03 0.00	46.63 2.81 0.00	37.35 2.58 -1.05	37.16 2.60 0.00	42.66 2.56 0.00	36.51 1.87 0.00	35.88 1.61 0.00	38.07 1.54 0.00	51.69 2.13 0.00	48.31 2.14 0.00	141.22 6.81 0.00	70.69 3.80 0.00	64.95 3.66 0.00	122.98 7.30 0.00	64.63 3.74 0.00	53.03 2.88 0.00	49.68 2.54 0.00
NEG CAPITAL___MECHNVIL 23645	46.58 1.80 0.00	45.89 1.61 0.00	46.41 1.59 0.00	40.30 1.39 0.00	47.08 1.61 0.00	48.55 1.79 0.00	50.10 2.35 0.00	53.97 2.63 0.00	46.06 2.24 0.00	36.80 1.87 -1.21	36.40 1.84 0.00	41.84 1.75 0.00	35.77 1.13 0.00	35.40 1.13 0.00	37.68 1.14 0.00	51.25 1.70 0.00	47.76 1.58 0.00	139.77 5.36 0.00	69.92 3.03 0.00	64.44 3.15 0.00	121.77 6.09 0.00	64.17 3.28 0.00	52.75 2.60 0.00	49.52 2.38 0.00
NEG CENTRAL_HIGH_ACRES 23767	42.72 -1.89 0.16	41.63 -1.83 0.82	42.93 -1.89 0.00	37.25 -1.66 0.00	43.78 -1.70 0.00	45.33 -1.44 0.00	46.65 -1.10 0.00	49.87 -1.47 0.00	42.27 -1.55 0.00	32.79 -1.05 -0.11	33.34 -1.22 0.00	36.15 -1.75 2.19	32.71 -1.41 0.52	32.99 -1.28 0.00	35.27 -1.26 0.00	47.89 -1.67 0.00	44.63 -1.54 0.00	122.17 -4.89 7.35	64.38 -2.52 0.00	59.24 -2.06 0.00	111.59 -4.09 0.00	58.83 -2.06 0.00	48.44 -1.71 0.00	45.44 -1.71 0.00
NEG CENTRAL___DRP 24199	43.99 -0.61 0.18	42.75 -0.63 0.90	44.15 -0.67 0.00	38.30 -0.61 0.00	44.96 -0.52 0.00	46.48 -0.29 0.00	47.91 0.16 0.00	51.15 -0.20 0.00	43.27 -0.55 0.00	33.39 -0.47 -0.13	33.89 -0.67 0.00	36.60 -1.09 2.40	33.20 -0.87 0.57	33.43 -0.84 0.00	35.81 -0.73 0.00	48.63 -0.93 0.00	45.39 -0.78 0.00	124.03 -2.43 7.96	66.34 -1.07 -0.51	60.74 -0.55 0.00	114.19 -1.49 0.00	60.30 -0.59 0.00	49.55 -0.60 0.00	46.58 -0.57 0.00
NEG CENTRAL___INDECK 23768	44.12 -0.27 0.38	42.03 -0.28 1.96	44.31 -0.52 0.00	38.33 -0.57 0.00	45.29 -0.18 0.00	47.10 0.34 0.00	48.77 1.02 0.00	51.79 0.45 0.00	43.27 -0.56 0.00	33.32 -0.56 -0.16	33.70 -0.86 0.00	33.46 -1.39 5.25	32.24 -1.15 1.25	33.30 -0.97 0.00	35.72 -0.82 0.00	48.66 -0.90 0.00	45.43 -0.75 0.00	112.26 -2.35 19.81	71.55 -0.68 -5.33	61.84 0.55 0.00	116.46 0.79 0.00	61.53 0.64 0.00	50.61 0.46 0.00	47.41 0.26 0.00
NEG CENTRAL___SENECA 23627	43.81 -0.70 0.26	42.21 -0.76 1.31	43.99 -0.84 0.00	38.13 -0.78 0.00	44.86 -0.61 0.00	46.43 -0.33 0.00	47.96 0.21 0.00	51.11 -0.23 0.00	43.16 -0.66 0.00	33.24 -0.62 -0.14	33.71 -0.85 0.00	35.24 -1.36 3.50	32.71 -1.10 0.83	33.26 -1.01 0.00	35.66 -0.88 0.00	48.44 -1.13 0.00	45.21 -0.96 0.00	118.81 -3.10 12.50	66.47 -1.23 -0.81	60.81 -0.49 0.00	114.04 -1.64 0.00	60.28 -0.61 0.00	49.52 -0.63 0.00	46.55 -0.59 0.00
NEG CENTRAL___STATE_STREET 24147	44.46 -0.21 0.10	43.64 -0.13 0.51	44.73 -0.10 0.00	38.81 -0.10 0.00	45.45 -0.02 0.00	46.92 0.15 0.00	48.25 0.50 0.00	51.50 0.15 0.00	43.66 -0.16 0.00	33.82 -0.04 -0.13	34.27 -0.29 0.00	38.16 -0.59 1.35	33.86 -0.46 0.32	33.82 -0.45 0.00	36.26 -0.28 0.00	49.12 -0.44 0.00	45.82 -0.36 0.00	129.99 -1.07 3.37	66.65 -0.46 -0.21	61.06 -0.24 0.00	115.04 -0.64 0.00	60.80 -0.09 0.00	49.96 -0.19 0.00	46.95 -0.20 0.00
NEG MILLWOOD___DRP 24198	47.00 2.23 0.00	46.21 1.93 0.00	46.67 1.84 0.00	40.45 1.54 0.00	47.19 1.72 0.00	48.70 1.94 0.00	50.34 2.59 0.00	54.43 3.09 0.00	46.71 2.89 0.00	37.45 2.68 -1.05	37.29 2.73 0.00	42.82 2.72 0.00	36.65 2.01 0.00	35.99 1.71 0.00	38.16 1.62 0.00	51.79 2.23 0.00	48.40 2.23 0.00	141.41 6.99 0.00	70.80 3.91 0.00	65.04 3.74 0.00	123.16 7.48 0.00	64.73 3.84 0.00	53.10 2.95 0.00	49.74 2.59 0.00
NEG NORTH_FLCN_SEA 23793	45.41 0.63 0.00	44.99 0.72 0.00	45.56 0.74 0.00	39.55 0.64 0.00	46.28 0.80 0.00	47.56 0.80 0.00	48.36 0.61 0.00	51.96 0.61 0.00	44.50 0.68 0.00	33.98 0.26 0.00	34.75 0.19 0.00	40.40 0.31 0.00	34.99 0.36 0.00	34.75 0.48 0.00	37.16 0.62 0.00	50.20 0.64 0.00	46.84 0.67 0.00	136.01 1.59 0.00	67.78 0.89 0.00	61.89 0.60 0.00	116.76 1.08 0.00	61.59 0.70 0.00	50.63 0.48 0.00	47.55 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	44.92 0.14 0.00	44.57 0.28 0.00	45.11 0.28 0.00	39.17 0.26 0.00	45.84 0.36 0.00	47.07 0.31 0.00	47.77 0.03 0.00	51.28 -0.06 0.00	43.84 0.02 0.00	33.48 -0.25 0.00	34.29 -0.27 0.00	39.99 -0.11 0.00	34.66 0.02 0.00	34.34 0.07 0.00	36.72 0.18 0.00	49.57 0.01 0.00	46.25 0.07 0.00	134.17 -0.25 0.00	66.88 -0.01 0.00	61.08 -0.21 0.00	115.28 -0.40 0.00	60.82 -0.07 0.00	50.02 -0.13 0.00	47.06 -0.09 0.00
NEG NORTH___ALICE_FALLS 23915	45.42 0.64 0.00	45.01 0.73 0.00	45.56 0.74 0.00	39.55 0.65 0.00	46.29 0.81 0.00	47.59 0.82 0.00	48.36 0.61 0.00	51.97 0.62 0.00	44.54 0.72 0.00	33.99 0.27 0.00	34.75 0.19 0.00	40.38 0.29 0.00	34.97 0.34 0.00	34.69 0.42 0.00	37.09 0.55 0.00	50.18 0.62 0.00	46.86 0.69 0.00	136.02 1.60 0.00	67.83 0.94 0.00	61.95 0.66 0.00	116.87 1.19 0.00	61.64 0.75 0.00	50.66 0.51 0.00	47.59 0.44 0.00
NEG NORTH___LWR_SARANAC 23913	45.42 0.64 0.00	45.01 0.73 0.00	45.56 0.74 0.00	39.55 0.65 0.00	46.29 0.81 0.00	47.59 0.82 0.00	48.36 0.61 0.00	51.97 0.62 0.00	44.54 0.72 0.00	33.99 0.27 0.00	34.75 0.19 0.00	40.38 0.29 0.00	34.97 0.34 0.00	34.69 0.42 0.00	37.09 0.55 0.00	50.18 0.62 0.00	46.86 0.69 0.00	136.02 1.60 0.00	67.83 0.94 0.00	61.95 0.66 0.00	116.87 1.19 0.00	61.64 0.75 0.00	50.66 0.51 0.00	47.59 0.44 0.00
NEG NORTH___PLATTSBURG 23628	45.42 0.65 0.00	45.01 0.73 0.00	45.56 0.74 0.00	39.55 0.64 0.00	46.30 0.83 0.00	47.59 0.82 0.00	48.36 0.61 0.00	51.97 0.62 0.00	44.54 0.72 0.00	33.99 0.27 0.00	34.75 0.19 0.00	40.38 0.29 0.00	34.98 0.34 0.00	34.69 0.42 0.00	37.09 0.55 0.00	50.18 0.62 0.00	46.86 0.69 0.00	136.03 1.62 0.00	67.83 0.94 0.00	61.95 0.66 0.00	116.87 1.19 0.00	61.64 0.75 0.00	50.67 0.52 0.00	47.58 0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	41.08 -3.38 0.31	39.67 -3.01 1.59	41.54 -3.29 0.00	36.04 -2.87 0.00	42.71 -2.76 0.00	44.51 -2.26 0.00	46.09 -1.66 0.00	49.09 -2.25 0.00	41.63 -2.19 0.00	32.49 -1.37 -0.14	32.96 -1.60 0.00	33.28 -2.56 4.25	31.79 -1.84 1.01	32.66 -1.61 0.00	34.91 -1.63 0.00	47.17 -2.39 0.00	43.52 -2.65 0.00	108.98 -9.58 15.86	60.63 -4.88 1.39	57.60 -3.69 0.00	107.89 -7.79 0.00	57.30 -3.60 0.00	47.57 -2.58 0.00	44.57 -2.57 0.00
NEG WEST___LANCASTR 23811	41.40 -2.98 0.40	39.48 -2.78 2.02	41.82 -3.01 0.00	36.27 -2.64 0.00	42.93 -2.55 0.00	44.66 -2.11 0.00	46.32 -1.43 0.00	49.37 -1.97 0.00	41.92 -1.90 0.00	32.60 -1.28 -0.16	33.12 -1.43 0.00	32.32 -2.38 5.40	31.51 -1.84 1.28	32.64 -1.63 0.00	34.82 -1.72 0.00	47.02 -2.54 0.00	43.48 -2.69 0.00	104.86 -9.03 20.52	61.10 -4.37 1.43	58.12 -3.18 0.00	108.73 -6.95 0.00	57.70 -3.20 0.00	47.62 -2.54 0.00	44.68 -2.47 0.00

NEG_PENN_ALLEGHNY 23528	45.26 0.14 -0.35	46.09 0.02 -1.79	44.80 -0.02 0.00	38.87 -0.04 0.00	45.50 0.02 0.00	46.95 0.19 0.00	48.45 0.70 0.00	52.01 0.67 0.00	44.21 0.39 0.00	34.44 0.37 -0.34	34.84 0.28 0.00	45.02 0.00 -4.93	35.75 -0.06 -1.17	33.90 -0.37 0.00	36.09 -0.45 0.00	49.06 -0.50 0.00	45.73 -0.45 0.00	160.53 -1.60 -27.71	66.30 -0.60 0.00	61.08 -0.21 0.00	114.83 -0.85 0.00	60.35 -0.54 0.00	49.55 -0.60 0.00	46.58 -0.57 0.00
NEG___GEN_MONROE 24207	43.30 -1.28 0.20	42.13 -1.14 1.01	43.55 -1.27 0.00	37.79 -1.11 0.00	44.51 -0.96 0.00	46.18 -0.58 0.00	47.61 -0.14 0.00	50.78 -0.57 0.00	42.89 -0.94 0.00	33.24 -0.59 -0.12	33.79 -0.77 0.00	36.10 -1.32 2.68	33.07 -0.93 0.64	33.46 -0.81 0.00	35.82 -0.72 0.00	48.68 -0.88 0.00	45.34 -0.84 0.00	121.96 -3.02 9.44	65.39 -1.51 0.00	60.34 -0.95 0.00	113.53 -2.15 0.00	59.95 -0.94 0.00	49.42 -0.73 0.00	46.31 -0.83 0.00
NEPA___ENERGY 23901	42.37 -2.01 0.40	40.42 -1.83 2.04	42.87 -1.96 0.00	37.16 -1.75 0.00	43.96 -1.52 0.00	45.64 -1.13 0.00	47.50 -0.25 0.00	50.68 -0.67 0.00	42.99 -0.83 0.00	33.28 -0.60 -0.16	33.88 -0.68 0.00	33.04 -1.60 5.45	32.06 -1.28 1.30	33.21 -1.06 0.00	35.37 -1.17 0.00	47.72 -1.84 0.00	43.97 -2.21 0.00	105.93 -7.73 20.75	62.23 -3.10 1.57	59.53 -1.76 0.00	110.75 -4.92 0.00	58.88 -2.02 0.00	48.45 -1.71 0.00	45.63 -1.52 0.00
NEVERSINK___HYD 23608	46.55 1.73 -0.05	45.93 1.40 -0.25	46.10 1.28 0.00	39.96 1.05 0.00	46.63 1.16 0.00	48.12 1.36 0.00	49.75 2.00 0.00	53.77 2.42 0.00	46.08 2.26 0.00	36.71 2.03 -0.96	36.51 1.96 0.00	42.49 1.72 -0.67	35.97 1.18 -0.16	35.29 1.02 0.00	37.51 0.97 0.00	50.91 1.35 0.00	47.62 1.45 0.00	139.38 4.96 0.00	69.88 2.98 0.00	64.35 3.05 0.00	121.89 6.21 0.00	64.02 3.12 0.00	52.50 2.35 0.00	49.18 2.04 0.00
NEWKRMKL_115KV_TB1 55635	45.44 0.66 0.00	44.78 0.50 0.00	45.29 0.46 0.00	39.43 0.53 0.00	45.90 0.42 0.00	47.30 0.53 0.00	48.72 0.97 0.00	52.58 1.24 0.00	44.96 1.13 0.00	35.98 1.07 -1.19	35.61 1.05 0.00	40.98 0.88 0.00	35.09 0.45 0.00	34.73 0.46 0.00	36.97 0.43 0.00	50.27 0.71 0.00	46.76 0.58 0.00	136.35 1.93 0.00	68.02 1.13 0.00	62.49 1.20 0.00	118.10 2.42 0.00	62.17 1.28 0.00	51.18 1.03 0.00	48.06 0.91 0.00
NEWTON___FALLS_HYD 23847	43.93 -0.85 0.00	43.47 -0.80 0.00	43.97 -0.85 0.00	38.12 -0.78 0.00	44.29 -1.19 0.00	45.55 -1.22 0.00	46.39 -1.36 0.00	49.75 -1.59 0.00	42.34 -1.48 0.00	31.90 -1.86 -0.03	32.40 -2.16 0.00	38.16 -1.93 0.00	33.10 -1.54 0.00	32.65 -1.62 0.00	34.80 -1.73 0.00	47.17 -2.39 0.00	44.09 -2.09 0.00	128.23 -6.18 0.00	64.26 -2.64 0.00	59.07 -2.22 0.00	112.09 -3.59 0.00	59.07 -1.82 0.00	48.56 -1.60 0.00	45.51 -1.64 0.00
NGRID_A1_DSASP 323792	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
NGRID_A2_DSASP 323793	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
NGRID_A4_DSASP 323807	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
NIAGARA_115E_LBMP 323715	40.38 -4.07 0.32	38.96 -3.66 1.65	40.87 -3.95 0.00	35.47 -3.43 0.00	42.04 -3.44 0.00	43.79 -2.98 0.00	45.35 -2.40 0.00	48.33 -3.02 0.00	41.03 -2.79 0.00	32.14 -1.72 -0.14	32.62 -1.94 0.00	32.71 -2.97 4.41	31.47 -2.12 1.05	32.40 -1.87 0.00	34.63 -1.91 0.00	46.75 -2.81 0.00	42.95 -3.22 0.00	106.14 -11.76 16.52	59.47 -6.02 1.41	56.54 -4.75 0.00	105.89 -9.79 0.00	56.22 -4.68 0.00	46.77 -3.38 0.00	43.87 -3.28 0.00
NIAGARA_115W_LBMP 323714	40.42 -4.03 0.33	38.95 -3.66 1.66	40.90 -3.93 0.00	35.49 -3.41 0.00	42.05 -3.43 0.00	43.82 -2.95 0.00	45.38 -2.38 0.00	48.38 -2.96 0.00	41.15 -2.67 0.00	32.11 -1.76 -0.14	32.57 -1.99 0.00	32.62 -3.03 4.45	31.31 -2.27 1.06	32.16 -2.11 0.00	34.35 -2.19 0.00	46.37 -3.19 0.00	42.84 -3.34 0.00	106.58 -11.19 16.65	59.28 -6.18 1.43	56.28 -5.02 0.00	105.37 -10.31 0.00	55.93 -4.96 0.00	46.71 -3.45 0.00	43.89 -3.26 0.00
NIAGARA_230_LBMP 323716	40.79 -3.67 0.32	39.30 -3.34 1.64	41.26 -3.57 0.00	35.80 -3.11 0.00	42.40 -3.08 0.00	44.17 -2.59 0.00	45.73 -2.02 0.00	48.79 -2.56 0.00	41.45 -2.37 0.00	32.34 -1.52 -0.14	32.83 -1.73 0.00	32.98 -2.74 4.38	31.57 -2.03 1.04	32.45 -1.81 0.00	34.67 -1.87 0.00	46.79 -2.77 0.00	43.21 -2.96 0.00	107.79 -10.25 16.38	60.20 -5.31 1.39	57.12 -4.17 0.00	107.10 -8.58 0.00	56.81 -4.08 0.00	47.14 -3.01 0.00	44.24 -2.90 0.00
NIAGARA___115KV_198_GIBSON 55903	40.43 -4.02 0.33	38.95 -3.66 1.66	40.90 -3.93 0.00	35.49 -3.42 0.00	42.05 -3.42 0.00	43.82 -2.95 0.00	45.38 -2.37 0.00	48.39 -2.96 0.00	41.15 -2.67 0.00	32.10 -1.77 -0.14	32.56 -1.99 0.00	32.64 -3.01 4.45	31.32 -2.26 1.06	32.17 -2.09 0.00	34.35 -2.18 0.00	46.36 -3.20 0.00	42.83 -3.34 0.00	106.61 -11.16 16.65	59.29 -6.18 1.43	56.28 -5.02 0.00	105.33 -10.35 0.00	55.96 -4.93 0.00	46.73 -3.42 0.00	43.88 -3.26 0.00
NIAGARA____ 23760	40.79 -3.67 0.32	39.30 -3.34 1.64	41.26 -3.57 0.00	35.80 -3.11 0.00	42.40 -3.08 0.00	44.17 -2.59 0.00	45.73 -2.02 0.00	48.79 -2.56 0.00	41.45 -2.37 0.00	32.34 -1.52 -0.14	32.83 -1.73 0.00	32.96 -2.74 4.39	31.57 -2.03 1.05	32.45 -1.81 0.00	34.67 -1.87 0.00	46.79 -2.77 0.00	43.21 -2.96 0.00	107.72 -10.25 16.44	60.18 -5.31 1.40	57.12 -4.17 0.00	107.10 -8.58 0.00	56.81 -4.08 0.00	47.14 -3.01 0.00	44.24 -2.90 0.00
NINE_MILE_1 23575	43.31 -1.46 0.00	42.84 -1.44 0.00	43.43 -1.39 0.00	37.70 -1.21 0.00	44.10 -1.37 0.00	45.45 -1.31 0.00	46.59 -1.16 0.00	50.03 -1.31 0.00	42.63 -1.19 0.00	32.99 -0.80 -0.07	33.67 -0.88 0.00	38.92 -1.18 0.00	33.61 -1.03 0.00	33.24 -1.03 0.00	35.45 -1.09 0.00	48.12 -1.44 0.00	44.85 -1.33 0.00	130.36 -4.06 0.00	64.73 -2.16 0.00	59.23 -2.06 0.00	111.72 -3.96 0.00	58.83 -2.07 0.00	48.41 -1.75 0.00	45.51 -1.64 0.00

NINE_MILE_2 23744	43.32 -1.46 0.00	42.84 -1.44 0.00	43.43 -1.39 0.00	37.70 -1.21 0.00	44.11 -1.37 0.00	45.46 -1.30 0.00	46.59 -1.16 0.00	50.03 -1.31 0.00	42.63 -1.19 0.00	32.99 -0.80 -0.07	33.69 -0.87 0.00	38.93 -1.17 0.00	33.62 -1.02 0.00	33.24 -1.03 0.00	35.45 -1.09 0.00	48.13 -1.43 0.00	44.85 -1.32 0.00	130.38 -4.04 0.00	64.73 -2.16 0.00	59.23 -2.06 0.00	111.72 -3.96 0.00	58.83 -2.07 0.00	48.41 -1.75 0.00	45.51 -1.64 0.00
NM_CAPITAL___DRP 24208	45.65 0.87 0.00	44.99 0.72 0.00	45.50 0.67 0.00	39.59 0.68 0.00	46.11 0.63 0.00	47.51 0.75 0.00	48.93 1.18 0.00	52.80 1.46 0.00	45.14 1.31 0.00	36.14 1.22 -1.19	35.78 1.22 0.00	41.17 1.07 0.00	35.24 0.60 0.00	34.89 0.63 0.00	37.13 0.60 0.00	50.46 0.89 0.00	46.93 0.76 0.00	136.78 2.37 0.00	68.22 1.33 0.00	62.73 1.44 0.00	118.56 2.88 0.00	62.43 1.54 0.00	51.39 1.24 0.00	48.27 1.12 0.00
NM_CENTRAL___DRP 24181	44.13 -0.64 0.00	43.62 -0.67 0.00	44.18 -0.64 0.00	38.35 -0.55 0.00	44.86 -0.61 0.00	46.27 -0.50 0.00	47.48 -0.27 0.00	50.97 -0.37 0.00	43.39 -0.43 0.00	33.58 -0.23 -0.10	34.23 -0.34 0.00	39.52 -0.58 0.00	34.15 -0.49 0.00	33.75 -0.51 0.00	35.99 -0.55 0.00	48.89 -0.67 0.00	45.56 -0.61 0.00	132.50 -1.92 0.00	65.87 -1.03 0.00	60.38 -0.91 0.00	113.91 -1.77 0.00	59.97 -0.92 0.00	49.32 -0.83 0.00	46.34 -0.81 0.00
NM_FRONTIER___DRP 24179	40.43 -4.02 0.33	38.95 -3.66 1.66	40.90 -3.93 0.00	35.49 -3.42 0.00	42.05 -3.42 0.00	43.82 -2.95 0.00	45.38 -2.37 0.00	48.39 -2.96 0.00	41.15 -2.67 0.00	32.10 -1.77 -0.14	32.56 -1.99 0.00	32.64 -3.01 4.45	31.32 -2.26 1.06	32.17 -2.09 0.00	34.35 -2.18 0.00	46.36 -3.20 0.00	42.83 -3.34 0.00	106.61 -11.16 16.65	59.29 -6.18 1.43	56.28 -5.02 0.00	105.33 -10.35 0.00	55.96 -4.93 0.00	46.73 -3.42 0.00	43.88 -3.26 0.00
NM_ST_REGIS___HYD 24053	44.17 -0.61 0.00	43.84 -0.44 0.00	44.37 -0.45 0.00	38.49 -0.42 0.00	44.98 -0.49 0.00	46.19 -0.58 0.00	46.78 -0.97 0.00	50.21 -1.13 0.00	42.96 -0.86 0.00	32.38 -1.36 -0.02	33.10 -1.46 0.00	39.04 -1.05 0.00	33.81 -0.83 0.00	33.46 -0.80 0.00	35.75 -0.78 0.00	48.25 -1.31 0.00	45.15 -1.03 0.00	130.99 -3.43 0.00	65.33 -1.56 0.00	59.77 -1.52 0.00	112.95 -2.73 0.00	59.72 -1.17 0.00	49.10 -1.05 0.00	46.18 -0.97 0.00
NORTHPORT___1 23551	46.98 2.20 0.00	46.01 1.74 0.00	46.44 1.61 0.00	40.31 1.40 0.00	46.81 1.33 0.00	48.41 1.65 0.00	50.03 2.28 0.00	53.81 2.47 0.00	50.32 2.84 -3.66	53.06 2.72 -16.62	56.78 2.62 -19.60	52.13 2.55 -9.48	46.19 2.12 -9.43	41.04 1.77 -5.00	39.99 1.72 -1.73	51.55 1.99 0.00	50.89 2.17 -2.55	138.88 4.46 0.00	69.16 2.26 0.00	63.83 2.53 0.00	120.43 4.75 0.00	63.49 2.60 0.00	52.59 2.36 -0.07	49.86 2.24 -0.47
NORTHPORT___2 23552	46.98 2.20 0.00	46.01 1.74 0.00	46.44 1.61 0.00	40.31 1.40 0.00	46.81 1.33 0.00	48.41 1.65 0.00	50.03 2.28 0.00	53.81 2.47 0.00	50.32 2.84 -3.66	53.06 2.72 -16.62	56.78 2.62 -19.60	52.13 2.55 -9.48	46.19 2.12 -9.43	41.04 1.77 -5.00	39.99 1.72 -1.73	51.55 1.99 0.00	50.89 2.17 -2.55	138.88 4.46 0.00	69.16 2.26 0.00	63.83 2.53 0.00	120.43 4.75 0.00	63.49 2.60 0.00	52.59 2.36 -0.07	49.86 2.24 -0.47
NORTHPORT___3 23553	46.97 2.19 0.00	46.00 1.72 0.00	46.42 1.60 0.00	40.29 1.38 0.00	46.81 1.33 0.00	48.40 1.63 0.00	50.01 2.27 0.00	53.79 2.45 0.00	50.33 2.83 -3.67	53.12 2.71 -16.69	56.84 2.60 -19.68	52.13 2.52 -9.52	46.21 2.10 -9.47	41.05 1.76 -5.03	39.99 1.72 -1.74	51.55 1.99 0.00	50.87 2.14 -2.56	138.76 4.34 0.00	69.09 2.20 0.00	63.77 2.48 0.00	120.32 4.64 0.00	63.43 2.54 0.00	52.54 2.32 -0.07	49.83 2.21 -0.48
NORTHPORT___4 23650	46.97 2.19 0.00	46.00 1.72 0.00	46.42 1.60 0.00	40.29 1.38 0.00	46.81 1.33 0.00	48.40 1.63 0.00	50.01 2.27 0.00	53.79 2.45 0.00	50.33 2.83 -3.67	53.12 2.71 -16.69	56.84 2.60 -19.68	52.13 2.52 -9.52	46.21 2.10 -9.47	41.05 1.76 -5.03	39.99 1.72 -1.74	51.55 1.99 0.00	50.87 2.14 -2.56	138.76 4.34 0.00	69.09 2.20 0.00	63.77 2.48 0.00	120.32 4.64 0.00	63.43 2.54 0.00	52.54 2.32 -0.07	49.83 2.21 -0.48
NORTHPORT___IC 23718	46.99 2.21 0.00	46.00 1.72 0.00	46.44 1.61 0.00	40.31 1.40 0.00	46.82 1.35 0.00	48.42 1.65 0.00	50.03 2.28 0.00	53.82 2.47 0.00	50.32 2.84 -3.66	53.05 2.71 -16.62	56.78 2.62 -19.60	52.11 2.54 -9.48	46.17 2.10 -9.43	41.04 1.76 -5.00	39.98 1.72 -1.73	51.55 1.99 0.00	50.89 2.17 -2.55	138.84 4.42 0.00	69.14 2.24 0.00	63.83 2.53 0.00	120.44 4.76 0.00	63.49 2.60 0.00	52.58 2.36 -0.07	49.84 2.22 -0.47
NORTH___COUNTRY_ESR 323785	44.85 0.07 0.00	44.50 0.22 0.00	45.05 0.23 0.00	39.11 0.20 0.00	45.78 0.30 0.00	46.99 0.23 0.00	47.68 -0.07 0.00	51.21 -0.13 0.00	43.83 0.01 0.00	33.47 -0.25 0.00	34.28 -0.28 0.00	39.98 -0.11 0.00	34.66 0.02 0.00	34.34 0.07 0.00	36.72 0.18 0.00	49.56 0.00 0.00	46.25 0.07 0.00	134.19 -0.23 0.00	66.85 -0.04 0.00	60.99 -0.30 0.00	115.04 -0.64 0.00	60.70 -0.19 0.00	49.92 -0.23 0.00	46.97 -0.18 0.00
NPX_GEN_1385_PROXY 323591	46.98 2.20 0.00	46.01 1.74 0.00	46.44 1.61 0.00	40.31 1.40 0.00	46.81 1.33 0.00	48.41 1.65 0.00	50.03 2.28 0.00	53.81 2.47 0.00	44.42 2.84 2.24	53.06 2.72 -16.62	56.78 2.62 -19.60	52.13 2.55 -9.48	48.32 2.12 -11.56	41.04 1.77 -5.00	39.99 1.72 -1.73	51.55 1.99 0.00	50.89 2.17 -2.55	138.88 4.46 0.00	69.16 2.26 0.00	63.83 2.53 0.00	120.43 4.75 0.00	63.49 2.60 0.00	52.59 2.36 -0.07	49.86 2.24 -0.47
NPX_GEN_CSC 323557	47.21 2.44 0.00	46.21 1.93 0.00	46.62 1.79 0.00	40.49 1.58 0.00	46.99 1.51 0.00	48.67 1.90 0.00	50.45 2.70 0.00	54.25 2.91 0.00	44.77 3.15 2.20	53.48 2.95 -16.80	57.46 3.07 -19.83	52.89 3.20 -9.59	48.70 2.39 -11.67	41.17 1.84 -5.06	40.15 1.86 -1.75	51.89 2.33 0.00	51.42 2.66 -2.58	140.83 6.42 0.00	70.22 3.32 0.00	64.94 3.64 0.00	122.38 6.69 0.00	64.46 3.57 0.00	53.61 3.39 -0.07	50.33 2.70 -0.48
NSINS_S_GLNS_FALLS 23858	46.43 1.66 0.00	45.71 1.44 0.00	46.31 1.49 0.00	40.22 1.31 0.00	47.04 1.56 0.00	48.54 1.77 0.00	50.63 2.88 0.00	54.62 3.28 0.00	46.61 2.79 0.00	37.20 2.26 -1.22	36.82 2.26 0.00	42.25 2.15 0.00	35.94 1.31 0.00	35.61 1.34 0.00	37.92 1.38 0.00	51.51 1.95 0.00	48.01 1.83 0.00	140.70 6.28 0.00	70.62 3.72 0.00	65.25 3.96 0.00	123.22 7.54 0.00	65.17 4.27 0.00	53.44 3.30 0.00	50.14 2.99 0.00
NUCOR_STEEL___DRP 24197	44.46 -0.24 0.08	43.73 -0.12 0.42	44.74 -0.08 0.00	38.83 -0.08 0.00	45.45 -0.02 0.00	46.90 0.14 0.00	48.22 0.47 0.00	51.47 0.12 0.00	43.67 -0.16 0.00	33.84 -0.01 -0.13	34.31 -0.25 0.00	38.44 -0.55 1.11	33.95 -0.43 0.26	33.84 -0.43 0.00	36.28 -0.26 0.00	49.13 -0.43 0.00	45.82 -0.36 0.00	130.96 -1.03 2.43	66.40 -0.49 0.00	61.00 -0.30 0.00	115.01 -0.67 0.00	60.77 -0.12 0.00	49.96 -0.19 0.00	46.94 -0.21 0.00

NUMBER_THREE_WT_PWR 323818	44.88 0.11 0.00	44.29 0.01 0.00	44.77 -0.06 0.00	38.81 -0.10 0.00	44.77 -0.71 0.00	46.21 -0.56 0.00	47.40 -0.34 0.00	50.78 -0.56 0.00	42.96 -0.87 0.00	32.52 -1.25 -0.05	32.86 -1.70 0.00	38.41 -1.68 0.00	33.36 -1.28 0.00	32.83 -1.44 0.00	34.92 -1.62 0.00	47.71 -1.85 0.00	44.62 -1.56 0.00	129.98 -4.43 0.00	65.35 -1.54 0.00	60.31 -0.98 0.00	114.88 -0.80 0.00	60.32 -0.57 0.00	49.31 -0.84 0.00	46.05 -1.10 0.00
NYISO_LBMP_REFERENCE 24008	44.78 0.00 0.00	44.28 0.00 0.00	44.82 0.00 0.00	38.91 0.00 0.00	45.48 0.00 0.00	46.77 0.00 0.00	47.75 0.00 0.00	51.34 0.00 0.00	43.82 0.00 0.00	33.72 0.00 0.00	34.56 0.00 0.00	40.09 0.00 0.00	34.64 0.00 0.00	34.27 0.00 0.00	36.54 0.00 0.00	49.56 0.00 0.00	46.18 0.00 0.00	134.42 0.00 0.00	66.90 0.00 0.00	61.30 0.00 0.00	115.68 0.00 0.00	60.89 0.00 0.00	50.15 0.00 0.00	47.15 0.00 0.00
NYPA_BRENTWD____GT 24164	47.47 2.69 0.00	46.47 2.19 0.00	46.88 2.05 0.00	40.68 1.78 0.00	47.24 1.77 0.00	48.88 2.12 0.00	50.57 2.82 0.00	54.42 3.07 0.00	50.97 3.37 -3.78	53.98 3.12 -17.13	57.91 3.10 -20.25	53.03 3.14 -9.79	46.91 2.53 -9.74	41.57 2.13 -5.17	40.41 2.08 -1.79	52.10 2.54 0.00	51.53 2.72 -2.63	140.71 6.30 0.00	70.13 3.24 0.00	64.80 3.50 0.00	122.12 6.44 0.00	64.33 3.44 0.00	53.36 3.13 -0.07	50.49 2.85 -0.49
NYPA_GOWANUS____GT5 24156	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NYPA_GOWANUS____GT6 24157	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.17 1.70 0.00	48.69 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.93 3.11 0.00	37.78 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.46 7.05 0.00	70.93 4.03 0.00	65.06 3.77 0.00	123.51 7.83 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
NYPA_HARLEM__RVR__GT1 24160	46.86 2.08 0.00	46.09 1.81 0.00	46.43 1.61 0.00	40.22 1.31 0.00	46.87 1.40 0.00	48.38 1.62 0.00	50.04 2.29 0.00	54.18 2.85 0.02	46.62 2.81 0.02	37.58 2.82 -1.04	37.42 2.86 0.00	42.92 2.83 0.00	36.77 2.14 0.00	36.02 1.76 0.00	37.92 1.39 0.01	51.64 2.08 0.00	48.25 2.08 0.00	140.58 6.17 0.01	70.47 3.58 0.01	64.58 3.30 0.02	122.74 7.07 0.01	64.43 3.55 0.01	52.83 2.70 0.02	49.48 2.35 0.02
NYPA_HARLEM__RVR__GT2 24161	46.86 2.08 0.00	46.09 1.81 0.00	46.43 1.61 0.00	40.22 1.31 0.00	46.87 1.40 0.00	48.38 1.62 0.00	50.04 2.29 0.00	54.18 2.85 0.02	46.62 2.81 0.02	37.58 2.82 -1.04	37.42 2.86 0.00	42.92 2.83 0.00	36.77 2.14 0.00	36.02 1.76 0.00	37.92 1.39 0.01	51.64 2.08 0.00	48.25 2.08 0.00	140.58 6.17 0.01	70.47 3.58 0.01	64.58 3.30 0.02	122.74 7.07 0.01	64.43 3.55 0.01	52.83 2.70 0.02	49.48 2.35 0.02
NYPA_KENT____GT 24152	47.07 2.29 0.00	46.28 2.00 0.00	46.64 1.81 0.00	40.40 1.50 0.00	47.09 1.62 0.00	48.60 1.84 0.00	50.28 2.53 0.00	54.46 3.12 0.00	46.84 3.02 0.00	37.72 2.95 -1.04	37.60 3.04 0.00	43.12 3.03 0.00	36.90 2.27 0.00	36.10 1.84 0.00	38.18 1.64 0.00	51.84 2.28 0.00	48.41 2.23 0.00	141.19 6.78 0.00	70.75 3.86 0.00	64.90 3.61 0.00	123.22 7.54 0.00	64.71 3.82 0.00	53.07 2.92 0.00	49.70 2.55 0.00
NYPA_POUCH1____GT 24155	47.30 2.52 0.00	46.49 2.21 0.00	46.80 1.97 0.00	40.53 1.63 0.00	47.24 1.77 0.00	48.77 2.01 0.00	50.50 2.75 0.00	54.69 3.35 0.00	47.01 3.19 0.00	37.81 3.04 -1.04	37.68 3.12 0.00	43.21 3.11 0.00	36.97 2.33 0.00	36.19 1.92 0.00	38.26 1.72 0.00	51.97 2.41 0.00	48.49 2.32 0.00	141.58 7.17 0.00	71.00 4.11 0.00	65.16 3.86 0.00	123.72 8.04 0.00	64.93 4.04 0.00	53.28 3.13 0.00	49.91 2.77 0.00
NYPA_VERNON____GT2 24162	46.93 2.15 0.00	46.16 1.88 0.00	46.56 1.74 0.00	40.35 1.44 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.18 2.43 0.00	54.33 2.99 0.00	46.75 2.93 0.00	37.66 2.89 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.85 2.21 0.00	36.05 1.78 0.00	38.12 1.59 0.00	51.76 2.20 0.00	48.33 2.16 0.00	140.94 6.52 0.00	70.59 3.70 0.00	64.73 3.43 0.00	122.89 7.21 0.00	64.56 3.67 0.00	52.93 2.78 0.00	49.57 2.42 0.00
NYPA_VERNON____GT3 24163	46.93 2.15 0.00	46.16 1.88 0.00	46.56 1.74 0.00	40.35 1.44 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.18 2.43 0.00	54.33 2.99 0.00	46.75 2.93 0.00	37.66 2.89 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.85 2.21 0.00	36.05 1.78 0.00	38.12 1.59 0.00	51.76 2.20 0.00	48.33 2.16 0.00	140.94 6.52 0.00	70.59 3.70 0.00	64.73 3.43 0.00	122.89 7.21 0.00	64.56 3.67 0.00	52.93 2.78 0.00	49.57 2.42 0.00
NYPA__ASTORIA_CC1 323568	46.86 2.09 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.96 1.48 0.00	48.46 1.70 0.00	50.13 2.38 0.00	54.27 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.18 0.00	36.01 1.75 0.00	38.07 1.53 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.83 6.41 0.00	70.53 3.64 0.00	64.67 3.38 0.00	122.80 7.12 0.00	64.50 3.61 0.00	52.89 2.73 0.00	49.53 2.39 0.00
NYPA__ASTORIA_CC2 323569	46.86 2.09 0.00	46.10 1.82 0.00	46.50 1.68 0.00	40.29 1.39 0.00	46.96 1.48 0.00	48.46 1.70 0.00	50.13 2.38 0.00	54.27 2.93 0.00	46.70 2.88 0.00	37.62 2.85 -1.04	37.50 2.94 0.00	43.02 2.92 0.00	36.81 2.18 0.00	36.01 1.75 0.00	38.07 1.53 0.00	51.70 2.14 0.00	48.29 2.11 0.00	140.83 6.41 0.00	70.53 3.64 0.00	64.67 3.38 0.00	122.80 7.12 0.00	64.50 3.61 0.00	52.89 2.73 0.00	49.53 2.39 0.00
NYPA__HOLTSVILL 23794	47.14 2.37 0.00	46.15 1.87 0.00	46.55 1.73 0.00	40.44 1.53 0.00	46.92 1.45 0.00	48.56 1.79 0.00	50.25 2.50 0.00	54.06 2.72 0.00	50.58 3.07 -3.69	53.39 2.89 -16.78	57.25 2.88 -19.81	52.61 2.94 -9.58	46.49 2.32 -9.53	41.23 1.90 -5.06	40.12 1.84 -1.75	51.78 2.22 0.00	51.21 2.46 -2.58	140.08 5.67 0.00	69.81 2.92 0.00	64.50 3.20 0.00	121.64 5.96 0.00	64.09 3.19 0.00	53.16 2.93 -0.07	50.19 2.56 -0.48
NYPA__HELLGATE_GT1 24158	46.83 2.05 0.00	46.05 1.78 0.01	46.43 1.61 0.00	40.22 1.31 0.00	46.87 1.40 0.00	48.39 1.62 0.00	50.04 2.29 0.00	54.19 2.85 0.00	46.63 2.81 0.00	37.57 2.81 -1.04	37.42 2.86 0.00	42.93 2.83 0.00	36.80 2.16 0.00	36.02 1.76 0.00	37.93 1.39 0.00	51.64 2.08 0.00	48.25 2.08 0.00	140.59 6.17 0.00	70.48 3.59 0.00	64.60 3.31 0.00	122.75 7.07 0.00	64.44 3.55 0.00	52.85 2.70 0.00	49.49 2.35 0.00

NYPA_____HELLGATE_GT2 24159	46.83 2.05 0.00	46.05 1.78 0.01	46.43 1.61 0.00	40.22 1.31 0.00	46.87 1.40 0.00	48.39 1.62 0.00	50.04 2.29 0.00	54.19 2.85 0.00	46.63 2.81 0.00	37.57 2.81 -1.04	37.42 2.86 0.00	42.93 2.83 0.00	36.80 2.16 0.00	36.02 1.76 0.00	37.93 1.39 0.00	51.64 2.08 0.00	48.25 2.08 0.00	140.59 6.17 0.00	70.48 3.59 0.00	64.60 3.31 0.00	122.75 7.07 0.00	64.44 3.55 0.00	52.85 2.70 0.00	49.49 2.35 0.00
NYS_BARGE____HYD 23848	41.12 -3.35 0.31	39.71 -3.00 1.57	41.55 -3.27 0.00	36.07 -2.84 0.00	42.72 -2.76 0.00	44.51 -2.26 0.00	46.09 -1.66 0.00	49.09 -2.25 0.00	41.61 -2.22 0.00	32.49 -1.37 -0.14	32.96 -1.60 0.00	33.35 -2.56 4.18	31.82 -1.82 0.99	32.68 -1.59 0.00	34.94 -1.60 0.00	47.25 -2.31 0.00	43.57 -2.61 0.00	109.24 -9.61 15.57	60.71 -4.90 1.29	57.59 -3.70 0.00	107.93 -7.75 0.00	57.26 -3.63 0.00	47.55 -2.60 0.00	44.59 -2.56 0.00
OAK ORCHARD____HYD 24046	43.21 -1.37 0.19	42.02 -1.28 0.98	43.45 -1.38 0.00	37.70 -1.21 0.00	44.38 -1.10 0.00	45.99 -0.77 0.00	47.36 -0.39 0.00	50.61 -0.73 0.00	42.89 -0.94 0.00	33.30 -0.54 -0.12	33.86 -0.70 0.00	36.27 -1.21 2.61	33.13 -0.89 0.62	33.49 -0.78 0.00	35.83 -0.71 0.00	48.62 -0.94 0.00	45.25 -0.92 0.00	121.99 -3.27 9.16	65.22 -1.68 0.00	60.10 -1.19 0.00	113.10 -2.58 0.00	59.68 -1.22 0.00	49.17 -0.98 0.00	46.11 -1.03 0.00
OAKDALE____35_KV_LOAD 356122	45.25 0.08 -0.39	46.26 -0.01 -1.99	44.78 -0.05 0.00	38.83 -0.08 0.00	45.47 0.00 0.00	46.92 0.16 0.00	48.41 0.66 0.00	51.97 0.63 0.00	44.20 0.38 0.00	34.44 0.38 -0.33	34.86 0.30 0.00	45.63 0.04 -5.49	35.91 -0.03 -1.31	33.90 -0.37 0.00	36.09 -0.45 0.00	49.03 -0.53 0.00	45.67 -0.50 0.00	162.57 -1.79 -29.94	66.17 -0.73 0.00	60.95 -0.34 0.00	114.56 -1.12 0.00	60.23 -0.66 0.00	49.47 -0.68 0.00	46.50 -0.65 0.00
OCC_CHEM____DRP 24175	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
OH_GEN_PROXY 24063	40.88 -3.57 0.32	39.37 -3.26 1.65	41.33 -3.49 0.00	35.87 -3.04 0.00	42.47 -3.01 0.00	44.23 -2.54 0.00	45.81 -1.94 0.00	48.85 -2.49 0.00	35.63 -2.30 5.90	32.39 -1.48 -0.14	32.87 -1.69 0.00	33.01 -2.69 4.40	33.73 -1.99 -1.08	32.49 -1.78 0.00	34.70 -1.84 0.00	46.87 -2.69 0.00	43.30 -2.88 0.00	108.02 -9.92 16.48	60.49 -5.12 1.29	57.29 -4.00 0.00	107.39 -8.29 0.00	56.96 -3.93 0.00	47.21 -2.94 0.00	44.29 -2.85 0.00
OLIN_CORP_DRP 24177	40.43 -4.02 0.33	39.01 -3.60 1.67	40.93 -3.89 0.00	35.53 -3.38 0.00	42.10 -3.37 0.00	43.87 -2.90 0.00	45.42 -2.33 0.00	48.41 -2.93 0.00	41.11 -2.72 0.00	32.19 -1.68 -0.14	32.66 -1.90 0.00	32.71 -2.91 4.47	31.48 -2.09 1.06	32.43 -1.83 0.00	34.66 -1.88 0.00	46.76 -2.80 0.00	43.00 -3.18 0.00	106.21 -11.45 16.76	59.60 -5.87 1.44	56.65 -4.65 0.00	106.08 -9.60 0.00	56.37 -4.52 0.00	46.86 -3.29 0.00	43.93 -3.22 0.00
OLIN_CORP_DSASP 323712	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
ONEIDA_HERK_LFGE 323681	45.53 0.75 0.00	44.91 0.63 0.00	45.41 0.59 0.00	39.39 0.48 0.00	45.73 0.25 0.00	47.20 0.43 0.00	48.41 0.66 0.00	51.95 0.60 0.00	44.14 0.32 0.00	33.66 -0.10 -0.05	34.23 -0.33 0.00	39.70 -0.40 0.00	34.29 -0.35 0.00	33.89 -0.37 0.00	36.11 -0.42 0.00	49.30 -0.26 0.00	46.03 -0.14 0.00	134.17 -0.25 0.00	67.22 0.32 0.00	61.93 0.63 0.00	117.47 1.79 0.00	61.75 0.86 0.00	50.57 0.42 0.00	47.34 0.19 0.00
ONEIDA____115KV_TB4 55905	45.71 0.93 0.00	45.08 0.80 0.00	45.61 0.78 0.00	39.57 0.66 0.00	46.21 0.74 0.00	47.64 0.88 0.00	48.91 1.16 0.00	52.49 1.15 0.00	44.66 0.84 0.00	34.30 0.51 -0.07	34.93 0.37 0.00	40.33 0.24 0.00	34.74 0.10 0.00	34.43 0.16 0.00	36.75 0.22 0.00	50.06 0.50 0.00	46.77 0.60 0.00	136.19 1.78 0.00	67.98 1.08 0.00	62.51 1.21 0.00	118.30 2.62 0.00	62.22 1.33 0.00	51.06 0.91 0.00	47.90 0.76 0.00
ONONDAGA_REF_OCCRA 23987	44.44 -0.34 0.00	43.90 -0.37 0.00	44.46 -0.36 0.00	38.60 -0.31 0.00	45.16 -0.32 0.00	46.57 -0.19 0.00	47.81 0.06 0.00	51.32 -0.02 0.00	43.66 -0.16 0.00	33.78 -0.06 -0.12	34.39 -0.17 0.00	39.70 -0.39 0.00	34.31 -0.33 0.00	33.89 -0.38 0.00	36.15 -0.39 0.00	49.13 -0.43 0.00	45.82 -0.35 0.00	133.25 -1.17 0.00	66.28 -0.62 0.00	60.81 -0.49 0.00	114.64 -1.04 0.00	60.37 -0.52 0.00	49.61 -0.54 0.00	46.60 -0.54 0.00
ONONDAGA____COGEN 23986	44.28 -0.45 0.05	43.55 -0.46 0.27	44.41 -0.42 0.00	38.54 -0.37 0.00	45.10 -0.37 0.00	46.50 -0.26 0.00	47.74 -0.02 0.00	51.20 -0.15 0.00	43.53 -0.29 0.00	33.70 -0.13 -0.11	34.30 -0.26 0.00	38.89 -0.49 0.71	34.07 -0.40 0.17	33.85 -0.42 0.00	36.11 -0.43 0.00	49.03 -0.52 0.00	45.70 -0.47 0.00	133.01 -1.41 0.00	66.14 -0.76 0.00	60.66 -0.63 0.00	114.38 -1.30 0.00	60.25 -0.64 0.00	49.54 -0.62 0.00	46.54 -0.61 0.00
ONTARIO____LFGE 23819	43.82 -0.70 0.26	42.20 -0.76 1.31	43.99 -0.84 0.00	38.13 -0.78 0.00	44.86 -0.61 0.00	46.43 -0.34 0.00	47.95 0.20 0.00	51.11 -0.23 0.00	43.16 -0.66 0.00	33.23 -0.63 -0.14	33.71 -0.85 0.00	35.23 -1.37 3.50	32.70 -1.10 0.83	33.25 -1.01 0.00	35.66 -0.88 0.00	48.44 -1.12 0.00	45.21 -0.96 0.00	118.79 -3.12 12.50	66.46 -1.24 -0.81	60.81 -0.49 0.00	114.06 -1.62 0.00	60.27 -0.62 0.00	49.51 -0.64 0.00	46.55 -0.60 0.00
ORANGEVILLE_WT_PWR 323706	41.63 -2.71 0.43	39.45 -2.61 2.22	41.90 -2.92 0.00	36.29 -2.62 0.00	43.06 -2.41 0.00	44.81 -1.95 0.00	46.50 -1.25 0.00	49.49 -1.85 0.00	41.81 -2.01 0.00	32.30 -1.59 -0.16	32.63 -1.93 0.00	31.18 -2.97 5.94	30.81 -2.41 1.41	32.06 -2.21 0.00	34.37 -2.16 0.00	46.58 -2.97 0.00	43.20 -2.98 0.00	101.83 -9.88 22.70	57.03 -4.52 5.34	58.40 -2.90 0.00	109.31 -6.37 0.00	57.99 -2.90 0.00	47.94 -2.21 0.00	44.98 -2.17 0.00
ORANGEVILLE____ESR 323794	41.63 -2.71 0.43	39.45 -2.61 2.22	41.90 -2.92 0.00	36.29 -2.62 0.00	43.06 -2.41 0.00	44.81 -1.95 0.00	46.50 -1.25 0.00	49.49 -1.85 0.00	41.81 -2.01 0.00	32.30 -1.59 -0.16	32.63 -1.93 0.00	31.18 -2.97 5.94	30.81 -2.41 1.41	32.06 -2.21 0.00	34.37 -2.16 0.00	46.58 -2.97 0.00	43.20 -2.98 0.00	101.83 -9.88 22.70	57.03 -4.52 5.34	58.40 -2.90 0.00	109.31 -6.37 0.00	57.99 -2.90 0.00	47.94 -2.21 0.00	44.98 -2.17 0.00

OSWEGATCHIE___HYD 24044	43.93 -0.85 0.00	43.47 -0.80 0.00	43.97 -0.85 0.00	38.12 -0.78 0.00	44.30 -1.17 0.00	45.55 -1.22 0.00	46.39 -1.35 0.00	49.75 -1.59 0.00	42.34 -1.48 0.00	31.90 -1.86 -0.03	32.40 -2.16 0.00	38.17 -1.93 0.00	33.10 -1.54 0.00	32.65 -1.62 0.00	34.80 -1.73 0.00	47.17 -2.39 0.00	44.09 -2.08 0.00	128.23 -6.19 0.00	64.26 -2.63 0.00	59.08 -2.22 0.00	112.09 -3.59 0.00	59.08 -1.81 0.00	48.56 -1.59 0.00	45.50 -1.65 0.00
OSWEGO___5 23606	43.62 -1.16 0.00	43.14 -1.14 0.00	43.71 -1.11 0.00	37.94 -0.97 0.00	44.38 -1.09 0.00	45.75 -1.02 0.00	46.90 -0.85 0.00	50.36 -0.99 0.00	42.90 -0.92 0.00	33.19 -0.61 -0.08	33.87 -0.69 0.00	39.14 -0.96 0.00	33.81 -0.83 0.00	33.41 -0.86 0.00	35.64 -0.90 0.00	48.39 -1.17 0.00	45.09 -1.09 0.00	131.11 -3.31 0.00	65.13 -1.76 0.00	59.66 -1.63 0.00	112.53 -3.15 0.00	59.26 -1.64 0.00	48.75 -1.41 0.00	45.84 -1.31 0.00
OSWEGO___6 23613	43.62 -1.16 0.00	43.14 -1.14 0.00	43.71 -1.11 0.00	37.94 -0.97 0.00	44.38 -1.09 0.00	45.75 -1.02 0.00	46.90 -0.85 0.00	50.36 -0.99 0.00	42.90 -0.92 0.00	33.19 -0.61 -0.08	33.87 -0.69 0.00	39.14 -0.96 0.00	33.81 -0.83 0.00	33.41 -0.86 0.00	35.64 -0.90 0.00	48.39 -1.17 0.00	45.09 -1.09 0.00	131.11 -3.31 0.00	65.13 -1.76 0.00	59.66 -1.63 0.00	112.53 -3.15 0.00	59.26 -1.64 0.00	48.75 -1.41 0.00	45.84 -1.31 0.00
OUTOKUMPU-AB___DRP 24206	41.41 -3.03 0.33	39.87 -2.71 1.70	41.85 -2.97 0.00	36.31 -2.60 0.00	43.00 -2.47 0.00	44.83 -1.93 0.00	46.44 -1.31 0.00	49.50 -1.85 0.00	42.01 -1.81 0.00	32.75 -1.12 -0.14	33.21 -1.35 0.00	33.29 -2.27 4.54	31.94 -1.62 1.08	32.85 -1.42 0.00	35.10 -1.43 0.00	47.41 -2.15 0.00	43.80 -2.38 0.00	108.79 -8.58 17.05	60.91 -4.49 1.50	57.95 -3.35 0.00	108.42 -7.26 0.00	57.58 -3.32 0.00	47.84 -2.31 0.00	44.86 -2.29 0.00
OXBOW___BTM 323836	41.05 -3.40 0.33	39.55 -3.05 1.68	41.50 -3.32 0.00	36.02 -2.88 0.00	42.66 -2.81 0.00	44.47 -2.30 0.00	46.06 -1.69 0.00	49.10 -2.24 0.00	41.72 -2.10 0.00	32.54 -1.33 -0.14	33.00 -1.55 0.00	33.05 -2.54 4.50	31.73 -1.84 1.07	32.61 -1.66 0.00	34.84 -1.70 0.00	47.05 -2.51 0.00	43.48 -2.70 0.00	108.08 -9.47 16.87	60.31 -5.11 1.47	57.31 -3.98 0.00	107.32 -8.36 0.00	56.97 -3.92 0.00	47.42 -2.73 0.00	44.52 -2.62 0.00
OXBOW___ 24026	41.06 -3.39 0.33	39.55 -3.05 1.68	41.51 -3.31 0.00	36.02 -2.89 0.00	42.67 -2.80 0.00	44.46 -2.30 0.00	46.06 -1.69 0.00	49.11 -2.24 0.00	41.73 -2.09 0.00	32.54 -1.33 -0.14	32.99 -1.56 0.00	33.08 -2.52 4.50	31.73 -1.84 1.07	32.62 -1.65 0.00	34.84 -1.70 0.00	47.05 -2.52 0.00	43.47 -2.70 0.00	108.12 -9.43 16.87	60.35 -5.08 1.47	57.31 -3.98 0.00	107.30 -8.36 0.00	56.99 -3.90 0.00	47.45 -2.70 0.00	44.53 -2.62 0.00
OXY_CHEM_DSASP 323612	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
OZONE_PARK_ESR 323760	47.26 2.49 0.00	46.45 2.18 0.00	46.87 2.05 0.00	40.61 1.70 0.00	47.34 1.86 0.00	48.88 2.12 0.00	50.57 2.82 0.00	54.76 3.41 0.00	47.10 3.28 0.00	37.89 3.13 -1.04	37.79 3.23 0.00	43.34 3.24 0.00	37.10 2.47 0.00	36.27 2.00 0.00	38.42 1.88 0.00	52.10 2.54 0.00	48.67 2.49 0.00	142.13 7.71 0.00	71.20 4.30 0.00	65.32 4.02 0.00	123.94 8.26 0.00	65.12 4.23 0.00	53.40 3.25 0.00	49.99 2.85 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.51 -3.94 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.13 -3.35 0.00	43.90 -2.86 0.00	45.46 -2.29 0.00	48.48 -2.87 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.70 -2.95 4.45	31.38 -2.20 1.06	32.24 -2.03 0.00	34.42 -2.12 0.00	46.45 -3.11 0.00	42.91 -3.27 0.00	106.82 -10.92 16.68	59.42 -6.03 1.44	56.40 -4.89 0.00	105.59 -10.09 0.00	56.11 -4.78 0.00	46.82 -3.33 0.00	43.96 -3.19 0.00
PACKARD___115KV_DUPONT_184 80571	40.48 -3.97 0.33	39.01 -3.60 1.67	40.96 -3.86 0.00	35.56 -3.35 0.00	42.12 -3.36 0.00	43.90 -2.87 0.00	45.46 -2.29 0.00	48.48 -2.86 0.00	41.23 -2.60 0.00	32.16 -1.70 -0.14	32.63 -1.93 0.00	32.68 -2.97 4.45	31.37 -2.21 1.06	32.23 -2.04 0.00	34.42 -2.12 0.00	46.46 -3.10 0.00	42.92 -3.26 0.00	106.78 -10.96 16.68	59.40 -6.05 1.44	56.41 -4.89 0.00	105.62 -10.06 0.00	56.09 -4.80 0.00	46.80 -3.35 0.00	43.95 -3.19 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.85 2.08 0.00	46.12 1.85 0.00	46.54 1.72 0.00	40.32 1.41 0.00	47.00 1.53 0.00	48.50 1.74 0.00	50.17 2.42 0.00	54.34 2.99 0.00	46.75 2.92 0.00	37.64 2.87 -1.04	37.49 2.93 0.00	43.01 2.91 0.00	36.81 2.17 0.00	36.03 1.76 0.00	38.00 1.47 0.00	51.72 2.16 0.00	48.33 2.15 0.00	140.86 6.44 0.00	70.65 3.76 0.00	64.77 3.47 0.00	123.05 7.37 0.00	64.60 3.71 0.00	52.99 2.84 0.00	49.62 2.47 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.88 3.10 0.00	47.17 2.89 0.00	47.66 2.84 0.00	41.27 2.37 0.00	48.14 2.67 0.00	49.71 2.95 0.00	51.47 3.72 0.00	55.73 4.39 0.00	47.90 4.07 0.00	38.59 3.82 -1.04	38.39 3.83 0.00	43.99 3.89 0.00	37.61 2.97 0.00	36.83 2.57 0.00	38.88 2.35 0.00	52.93 3.37 0.00	49.49 3.32 0.00	144.30 9.88 0.00	72.33 5.43 0.00	66.30 5.01 0.00	125.94 10.26 0.00	66.10 5.21 0.00	54.21 4.06 0.00	50.76 3.62 0.00
PATROON___115KV_TB1 80586	45.57 0.79 0.00	44.92 0.64 0.00	45.43 0.60 0.00	39.55 0.64 0.00	46.04 0.56 0.00	47.45 0.68 0.00	48.86 1.11 0.00	52.74 1.39 0.00	45.08 1.26 0.00	36.08 1.16 -1.19	35.72 1.16 0.00	41.09 1.00 0.00	35.19 0.55 0.00	34.82 0.55 0.00	37.06 0.53 0.00	50.40 0.84 0.00	46.89 0.71 0.00	136.73 2.31 0.00	68.21 1.32 0.00	62.71 1.41 0.00	118.49 2.81 0.00	62.37 1.48 0.00	51.34 1.19 0.00	48.21 1.06 0.00
PATTRSNVILLE___SOLAR 323815	46.12 1.35 0.00	45.48 1.20 0.00	46.01 1.19 0.00	39.93 1.03 0.00	46.68 1.21 0.00	48.10 1.33 0.00	49.54 1.79 0.00	53.15 1.81 0.00	45.03 1.21 0.00	35.95 0.99 -1.24	35.48 0.92 0.00	40.79 0.70 0.00	34.93 0.29 0.00	34.52 0.25 0.00	36.79 0.25 0.00	50.06 0.50 0.00	46.74 0.56 0.00	137.18 2.77 0.00	68.73 1.84 0.00	63.46 2.17 0.00	120.10 4.42 0.00	63.16 2.27 0.00	51.95 1.80 0.00	48.78 1.64 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.55 -2.85 0.38	39.74 -2.61 1.93	41.97 -2.86 0.00	36.40 -2.51 0.00	43.10 -2.38 0.00	44.86 -1.91 0.00	46.54 -1.21 0.00	49.60 -1.75 0.00	42.10 -1.72 0.00	32.74 -1.14 -0.15	33.25 -1.31 0.00	32.69 -2.24 5.16	31.73 -1.68 1.23	32.80 -1.47 0.00	35.02 -1.52 0.00	47.28 -2.28 0.00	43.73 -2.45 0.00	106.34 -8.51 19.57	61.21 -4.13 1.55	58.36 -2.94 0.00	109.22 -6.46 0.00	57.97 -2.92 0.00	47.90 -2.25 0.00	44.91 -2.23 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	47.00 2.23 0.00	46.21 1.93 0.00	46.67 1.84 0.00	40.45 1.54 0.00	47.19 1.72 0.00	48.70 1.94 0.00	50.34 2.59 0.00	54.43 3.09 0.00	46.71 2.89 0.00	37.45 2.68 -1.05	37.29 2.73 0.00	42.82 2.72 0.00	36.65 2.01 0.00	35.99 1.71 0.00	38.16 1.62 0.00	51.79 2.23 0.00	48.40 2.23 0.00	141.41 6.99 0.00	70.80 3.91 0.00	65.04 3.74 0.00	123.16 7.48 0.00	64.73 3.84 0.00	53.10 2.95 0.00	49.74 2.59 0.00
PEEKSKILL____ 23653	46.74 1.96 0.00	45.92 1.64 0.00	46.33 1.51 0.00	40.16 1.25 0.00	46.82 1.34 0.00	48.33 1.56 0.00	49.98 2.23 0.00	54.06 2.71 0.00	46.39 2.57 0.00	37.22 2.46 -1.04	37.06 2.50 0.00	42.53 2.44 0.00	36.43 1.79 0.00	35.78 1.51 0.00	37.93 1.39 0.00	51.44 1.88 0.00	48.04 1.86 0.00	140.16 5.75 0.00	70.18 3.29 0.00	64.46 3.17 0.00	122.12 6.44 0.00	64.15 3.26 0.00	52.65 2.50 0.00	49.36 2.21 0.00
PGE MADISON__WINDPWR 24146	48.07 3.23 -0.07	47.51 2.89 -0.34	47.79 2.96 0.00	41.37 2.47 0.00	48.44 2.96 0.00	49.99 3.23 0.00	52.14 4.38 0.00	55.61 4.26 0.00	46.51 2.69 0.00	35.57 1.52 -0.33	35.46 0.90 0.00	42.14 0.80 -1.25	35.31 0.37 -0.30	34.86 0.59 0.00	37.77 1.24 0.00	51.88 2.32 0.00	49.12 2.94 0.00	152.30 8.35 -9.54	71.79 4.63 -0.26	65.99 4.70 0.00	125.12 9.44 0.00	65.15 4.26 0.00	53.01 2.86 0.00	49.89 2.75 0.00
PIERCEFIELD__HYD 23852	43.87 -0.90 0.00	43.55 -0.73 0.00	44.08 -0.74 0.00	38.23 -0.68 0.00	44.67 -0.80 0.00	45.85 -0.91 0.00	46.39 -1.36 0.00	49.80 -1.54 0.00	42.60 -1.23 0.00	31.99 -1.75 -0.02	32.70 -1.86 0.00	38.69 -1.41 0.00	33.50 -1.14 0.00	33.16 -1.11 0.00	35.42 -1.12 0.00	47.82 -1.74 0.00	44.73 -1.45 0.00	129.76 -4.66 0.00	64.73 -2.17 0.00	59.25 -2.04 0.00	112.02 -3.66 0.00	59.23 -1.66 0.00	48.73 -1.42 0.00	45.82 -1.33 0.00
PINELAWN_CC_1 323563	47.30 2.52 0.00	46.31 2.03 0.00	46.72 1.90 0.00	40.55 1.64 0.00	47.10 1.63 0.00	48.71 1.95 0.00	50.41 2.66 0.00	54.27 2.92 0.00	51.13 3.20 -4.11	55.25 2.98 -18.55	59.60 3.00 -22.03	53.78 3.04 -10.65	47.63 2.40 -10.60	41.87 1.98 -5.63	40.41 1.92 -1.94	51.85 2.29 0.00	51.54 2.50 -2.87	140.31 5.89 0.00	70.01 3.11 0.00	64.64 3.34 0.00	122.06 6.38 0.00	64.35 3.45 0.00	53.23 3.00 -0.08	50.40 2.72 -0.53
PJM_GEN_HTP_PROXY 323702	46.94 2.17 0.00	46.15 1.87 0.00	46.57 1.74 0.00	40.35 1.45 0.00	47.05 1.57 0.00	48.56 1.80 0.00	50.23 2.48 0.00	60.58 3.05 -6.19	44.29 2.94 2.48	37.63 2.86 -1.04	37.52 2.96 0.00	43.03 2.93 0.00	36.85 2.21 0.00	36.04 1.77 0.00	38.16 1.63 0.00	51.79 2.23 0.00	48.35 2.17 0.00	141.15 6.74 0.00	70.68 3.79 0.00	64.82 3.53 0.00	122.97 7.29 0.00	64.63 3.74 0.00	53.00 2.84 0.00	49.64 2.50 0.00
PJM_GEN_KEystone 24065	44.31 -0.27 0.19	42.87 -0.41 0.99	44.24 -0.58 0.00	38.36 -0.54 0.00	45.01 -0.47 0.00	45.43 -0.22 1.11	48.22 0.47 0.00	58.04 0.51 -6.19	41.76 0.41 2.48	35.04 0.68 -0.63	35.21 0.65 0.00	37.57 0.14 2.66	34.04 0.04 0.63	34.26 -0.01 0.00	36.40 -0.14 0.00	49.28 -0.28 0.00	45.73 -0.44 0.00	121.76 -1.63 11.02	66.16 -0.36 0.37	61.47 0.18 0.00	115.63 -0.05 0.00	60.98 0.08 0.00	50.09 -0.06 0.00	47.04 -0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.96 2.19 0.00	46.02 1.75 0.00	46.45 1.62 0.00	40.31 1.41 0.00	46.85 1.37 0.00	48.43 1.66 0.00	50.09 2.34 0.00	60.10 2.57 -6.19	47.70 2.88 -1.00	52.34 2.77 -15.85	55.95 2.75 -18.64	51.82 2.72 -9.01	45.76 2.15 -8.96	40.80 1.77 -4.76	39.89 1.71 -1.65	51.62 2.06 0.00	50.78 2.18 -2.42	139.47 5.05 0.00	69.59 2.69 0.00	64.21 2.91 0.00	121.24 5.56 0.00	63.89 3.00 0.00	52.81 2.59 -0.07	49.96 2.36 -0.45
PJM_GEN_VFT_PROXY 323633	46.89 2.11 0.00	46.10 1.82 0.00	46.52 1.70 0.00	40.30 1.40 0.00	46.99 1.51 0.00	48.51 1.75 0.00	50.18 2.43 0.00	60.56 3.03 -6.19	44.24 2.90 2.48	37.58 2.82 -1.04	37.48 2.92 0.00	42.99 2.89 0.00	36.80 2.17 0.00	36.01 1.74 0.00	38.13 1.60 0.00	51.73 2.17 0.00	48.28 2.10 0.00	140.94 6.53 0.00	70.58 3.69 0.00	64.76 3.47 0.00	122.86 7.18 0.00	64.54 3.65 0.00	52.91 2.76 0.00	49.58 2.43 0.00
PLATSBURG_115KV_PMLD1 355749	45.39 0.61 0.00	44.97 0.69 0.00	45.54 0.72 0.00	39.53 0.62 0.00	46.25 0.77 0.00	47.54 0.78 0.00	48.34 0.59 0.00	51.93 0.59 0.00	44.47 0.65 0.00	33.97 0.24 0.00	34.74 0.18 0.00	40.38 0.29 0.00	34.98 0.34 0.00	34.73 0.46 0.00	37.14 0.61 0.00	50.18 0.62 0.00	46.81 0.64 0.00	135.97 1.55 0.00	67.77 0.87 0.00	61.86 0.57 0.00	116.71 1.03 0.00	61.55 0.66 0.00	50.60 0.45 0.00	47.52 0.38 0.00
PLEASANTVLY__LBMP 24000	46.50 1.72 0.00	45.72 1.44 0.00	46.20 1.38 0.00	40.06 1.15 0.00	46.74 1.27 0.00	48.21 1.45 0.00	49.80 2.05 0.00	53.83 2.48 0.00	46.17 2.35 0.00	37.03 2.23 -1.07	36.82 2.26 0.00	42.29 2.19 0.00	36.19 1.55 0.00	35.58 1.31 0.00	37.75 1.21 0.00	51.24 1.67 0.00	47.86 1.68 0.00	139.69 5.27 0.00	69.90 3.00 0.00	64.20 2.90 0.00	121.53 5.85 0.00	63.90 3.01 0.00	52.46 2.31 0.00	49.18 2.04 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.88 2.11 0.00	46.07 1.79 0.00	46.51 1.69 0.00	40.32 1.41 0.00	47.02 1.54 0.00	48.53 1.76 0.00	50.18 2.43 0.00	54.27 2.93 0.00	46.61 2.79 0.00	37.42 2.65 -1.05	37.28 2.72 0.00	42.75 2.66 0.00	36.62 1.99 0.00	35.93 1.66 0.00	38.08 1.55 0.00	51.66 2.10 0.00	48.24 2.07 0.00	140.77 6.35 0.00	70.46 3.57 0.00	64.70 3.41 0.00	122.63 6.95 0.00	64.45 3.56 0.00	52.87 2.72 0.00	49.54 2.39 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.88 2.11 0.00	46.07 1.79 0.00	46.51 1.69 0.00	40.32 1.41 0.00	47.02 1.54 0.00	48.53 1.76 0.00	50.18 2.43 0.00	54.27 2.93 0.00	46.61 2.79 0.00	37.42 2.65 -1.05	37.28 2.72 0.00	42.75 2.66 0.00	36.62 1.99 0.00	35.93 1.66 0.00	38.08 1.55 0.00	51.66 2.10 0.00	48.24 2.07 0.00	140.77 6.35 0.00	70.46 3.57 0.00	64.70 3.41 0.00	122.63 6.95 0.00	64.45 3.56 0.00	52.87 2.72 0.00	49.54 2.39 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.82 2.05 0.00	46.06 1.78 0.00	46.54 1.72 0.00	40.35 1.45 0.00	47.08 1.61 0.00	48.57 1.80 0.00	50.17 2.42 0.00	54.21 2.86 0.00	46.50 2.68 0.00	37.24 2.46 -1.06	37.04 2.48 0.00	42.53 2.44 0.00	36.36 1.72 0.00	35.75 1.48 0.00	37.94 1.40 0.00	51.56 2.00 0.00	48.16 1.99 0.00	140.74 6.32 0.00	70.48 3.59 0.00	64.77 3.48 0.00	122.58 6.90 0.00	64.45 3.55 0.00	52.89 2.74 0.00	49.57 2.42 0.00
POLETTI____ 23519	46.88 2.10 0.00	46.09 1.81 0.00	46.51 1.69 0.00	40.30 1.40 0.00	47.00 1.52 0.00	48.51 1.75 0.00	50.17 2.42 0.00	54.33 2.98 0.00	46.73 2.90 0.00	37.60 2.83 -1.04	37.48 2.92 0.00	42.99 2.90 0.00	36.82 2.19 0.00	35.95 1.68 0.00	38.07 1.53 0.00	51.67 2.11 0.00	48.26 2.08 0.00	141.00 6.58 0.00	70.59 3.70 0.00	64.70 3.41 0.00	122.83 7.14 0.00	64.55 3.66 0.00	52.93 2.78 0.00	49.57 2.43 0.00

POMONA___ESR 323819	46.83 2.06 0.00	46.01 1.74 0.00	46.41 1.59 0.00	40.23 1.32 0.00	46.91 1.44 0.00	48.41 1.65 0.00	50.09 2.34 0.00	54.18 2.84 0.00	46.46 2.64 0.00	37.25 2.51 -1.03	37.10 2.54 0.00	42.56 2.46 0.00	36.48 1.84 0.00	35.85 1.58 0.00	38.01 1.47 0.00	51.53 1.97 0.00	48.13 1.95 0.00	140.42 6.01 0.00	70.30 3.41 0.00	64.59 3.30 0.00	122.35 6.67 0.00	64.26 3.37 0.00	52.73 2.58 0.00	49.43 2.28 0.00
PORT_JEFF_3 23555	47.26 2.48 0.00	46.26 1.98 0.00	46.66 1.84 0.00	40.53 1.62 0.00	47.03 1.55 0.00	48.67 1.90 0.00	50.39 2.64 0.00	54.20 2.86 0.00	50.72 3.20 -3.70	53.51 2.99 -16.80	57.38 2.99 -19.83	52.76 3.08 -9.59	46.60 2.42 -9.54	41.32 1.99 -5.06	40.22 1.93 -1.75	51.91 2.35 0.00	51.34 2.59 -2.58	140.49 6.07 0.00	70.02 3.12 0.00	64.70 3.41 0.00	122.08 6.40 0.00	64.31 3.42 0.00	53.33 3.11 -0.07	50.32 2.70 -0.48
PORT_JEFF_4 23616	47.26 2.48 0.00	46.26 1.98 0.00	46.66 1.84 0.00	40.53 1.62 0.00	47.03 1.55 0.00	48.67 1.90 0.00	50.39 2.64 0.00	54.20 2.86 0.00	50.72 3.20 -3.70	53.51 2.99 -16.80	57.38 2.99 -19.83	52.76 3.08 -9.59	46.60 2.42 -9.54	41.32 1.99 -5.06	40.22 1.93 -1.75	51.91 2.35 0.00	51.34 2.59 -2.58	140.49 6.07 0.00	70.02 3.12 0.00	64.70 3.41 0.00	122.08 6.40 0.00	64.31 3.42 0.00	53.33 3.11 -0.07	50.32 2.70 -0.48
PORT_JEFF_IC 23713	47.33 2.55 0.00	46.31 2.03 0.00	46.71 1.89 0.00	40.58 1.67 0.00	47.09 1.61 0.00	48.73 1.96 0.00	50.44 2.69 0.00	54.27 2.93 0.00	50.79 3.26 -3.71	53.61 3.03 -16.85	57.50 3.05 -19.90	52.85 3.14 -9.62	46.67 2.46 -9.57	41.38 2.03 -5.08	40.26 1.97 -1.76	51.97 2.41 0.00	51.42 2.65 -2.59	140.65 6.23 0.00	70.11 3.22 0.00	64.83 3.53 0.00	122.31 6.63 0.00	64.42 3.53 0.00	53.41 3.19 -0.07	50.36 2.73 -0.48
PPL PILGRIM_ST_GT1 24216	47.47 2.69 0.00	46.47 2.19 0.00	46.88 2.05 0.00	40.68 1.78 0.00	47.24 1.77 0.00	48.88 2.12 0.00	50.57 2.82 0.00	54.42 3.07 0.00	50.97 3.37 -3.78	53.98 3.12 -17.13	57.91 3.10 -20.25	53.03 3.14 -9.79	46.91 2.53 -9.74	41.57 2.13 -5.17	40.41 2.08 -1.79	52.10 2.54 0.00	51.53 2.72 -2.63	140.71 6.30 0.00	70.13 3.24 0.00	64.80 3.50 0.00	122.12 6.44 0.00	64.33 3.44 0.00	53.36 3.13 -0.07	50.49 2.85 -0.49
PPL PILGRIM_ST_GT2 24217	47.47 2.69 0.00	46.47 2.19 0.00	46.88 2.05 0.00	40.68 1.78 0.00	47.24 1.77 0.00	48.88 2.12 0.00	50.57 2.82 0.00	54.42 3.07 0.00	50.97 3.37 -3.78	53.98 3.12 -17.13	57.91 3.10 -20.25	53.03 3.14 -9.79	46.91 2.53 -9.74	41.57 2.13 -5.17	40.41 2.08 -1.79	52.10 2.54 0.00	51.53 2.72 -2.63	140.71 6.30 0.00	70.13 3.24 0.00	64.80 3.50 0.00	122.12 6.44 0.00	64.33 3.44 0.00	53.36 3.13 -0.07	50.49 2.85 -0.49
PPL_SHRM_GT3 24213	47.23 2.45 0.00	46.22 1.94 0.00	46.62 1.80 0.00	40.50 1.60 0.00	46.99 1.52 0.00	48.69 1.92 0.00	50.46 2.71 0.00	54.26 2.91 0.00	50.69 3.17 -3.70	53.51 2.96 -16.83	57.49 3.06 -19.86	52.90 3.20 -9.60	46.59 2.40 -9.55	41.20 1.86 -5.07	40.14 1.84 -1.75	51.89 2.33 0.00	51.41 2.65 -2.58	140.80 6.38 0.00	70.21 3.31 0.00	64.92 3.63 0.00	122.38 6.69 0.00	64.46 3.57 0.00	53.60 3.37 -0.07	50.33 2.71 -0.48
PPL_SHRM_GT4 24214	47.23 2.45 0.00	46.22 1.94 0.00	46.62 1.80 0.00	40.50 1.60 0.00	46.99 1.52 0.00	48.69 1.92 0.00	50.46 2.71 0.00	54.26 2.91 0.00	50.69 3.17 -3.70	53.51 2.96 -16.83	57.49 3.06 -19.86	52.90 3.20 -9.60	46.59 2.40 -9.55	41.20 1.86 -5.07	40.14 1.84 -1.75	51.89 2.33 0.00	51.41 2.65 -2.58	140.80 6.38 0.00	70.21 3.31 0.00	64.92 3.63 0.00	122.38 6.69 0.00	64.46 3.57 0.00	53.60 3.37 -0.07	50.33 2.71 -0.48
PROJECT___ORANGE 1 24174	44.15 -0.62 0.00	43.63 -0.65 0.00	44.20 -0.62 0.00	38.36 -0.55 0.00	44.89 -0.59 0.00	46.28 -0.49 0.00	47.51 -0.24 0.00	51.01 -0.33 0.00	43.41 -0.41 0.00	33.61 -0.21 -0.10	34.25 -0.31 0.00	39.55 -0.55 0.00	34.17 -0.47 0.00	33.77 -0.50 0.00	36.02 -0.52 0.00	48.92 -0.64 0.00	45.59 -0.58 0.00	132.59 -1.83 0.00	65.91 -0.99 0.00	60.42 -0.87 0.00	113.94 -1.74 0.00	59.99 -0.90 0.00	49.33 -0.82 0.00	46.35 -0.80 0.00
PROJECT___ORANGE 2 24166	44.15 -0.62 0.00	43.63 -0.65 0.00	44.20 -0.62 0.00	38.36 -0.55 0.00	44.89 -0.59 0.00	46.28 -0.49 0.00	47.51 -0.24 0.00	51.01 -0.33 0.00	43.41 -0.41 0.00	33.61 -0.21 -0.10	34.25 -0.31 0.00	39.55 -0.55 0.00	34.17 -0.47 0.00	33.77 -0.50 0.00	36.02 -0.52 0.00	48.92 -0.64 0.00	45.59 -0.58 0.00	132.59 -1.83 0.00	65.91 -0.99 0.00	60.42 -0.87 0.00	113.94 -1.74 0.00	59.99 -0.90 0.00	49.33 -0.82 0.00	46.35 -0.80 0.00
PUCKETT___SOLAR 323809	45.88 0.83 -0.28	46.30 0.59 -1.43	45.41 0.59 0.00	39.36 0.45 0.00	46.10 0.62 0.00	47.54 0.78 0.00	49.31 1.55 0.00	52.84 1.50 0.00	44.65 0.82 0.00	34.59 0.51 -0.35	34.85 0.29 0.00	44.13 -0.02 -4.06	35.48 -0.12 -0.97	34.01 -0.26 0.00	36.40 -0.14 0.00	49.68 0.12 0.00	46.39 0.21 0.00	158.18 0.49 -23.27	67.52 0.62 0.00	62.36 1.07 0.00	117.44 1.76 0.00	61.46 0.57 0.00	50.39 0.24 0.00	47.35 0.21 0.00
PYRITES___HYD 24023	44.84 0.07 0.00	44.55 0.27 0.00	45.07 0.25 0.00	39.08 0.17 0.00	45.71 0.23 0.00	46.94 0.18 0.00	47.46 -0.29 0.00	50.88 -0.46 0.00	43.48 -0.35 0.00	32.64 -1.11 -0.02	33.27 -1.29 0.00	39.18 -0.92 0.00	33.98 -0.66 0.00	33.63 -0.64 0.00	35.92 -0.61 0.00	48.50 -1.06 0.00	45.64 -0.54 0.00	132.34 -2.07 0.00	66.19 -0.71 0.00	60.74 -0.56 0.00	114.80 -0.88 0.00	60.64 -0.25 0.00	49.89 -0.26 0.00	46.89 -0.25 0.00
QUAKERRD_115KV_BK1 80622	42.48 -2.12 0.17	41.38 -2.03 0.87	42.72 -2.10 0.00	37.08 -1.83 0.00	43.58 -1.90 0.00	45.10 -1.66 0.00	46.41 -1.34 0.00	49.64 -1.70 0.00	42.13 -1.70 0.00	32.69 -1.15 -0.11	33.24 -1.32 0.00	35.93 -1.86 2.31	32.59 -1.49 0.55	32.87 -1.40 0.00	35.16 -1.38 0.00	47.71 -1.84 0.00	44.44 -1.74 0.00	121.01 -5.50 7.91	64.07 -2.82 0.00	58.94 -2.35 0.00	111.02 -4.66 0.00	58.54 -2.35 0.00	48.21 -1.94 0.00	45.23 -1.92 0.00
QUENSBRY_115KV_TB8 356137	46.43 1.65 0.00	45.69 1.41 0.00	46.32 1.50 0.00	40.22 1.31 0.00	47.06 1.59 0.00	48.56 1.80 0.00	50.70 2.94 0.00	54.70 3.36 0.00	46.69 2.87 0.00	37.27 2.33 -1.22	36.90 2.34 0.00	42.32 2.23 0.00	35.97 1.33 0.00	35.66 1.39 0.00	37.97 1.44 0.00	51.60 2.04 0.00	48.09 1.92 0.00	140.85 6.43 0.00	70.78 3.88 0.00	65.42 4.12 0.00	123.49 7.81 0.00	65.35 4.46 0.00	53.58 3.43 0.00	50.23 3.09 0.00
RAMAPO___LBMP 323565	46.70 1.88 -0.04	46.05 1.57 -0.20	46.24 1.42 0.00	40.08 1.17 0.00	46.75 1.27 0.00	48.24 1.48 0.00	49.92 2.16 0.00	53.99 2.64 0.00	46.27 2.45 0.00	37.10 2.35 -1.02	36.94 2.38 0.00	42.38 2.29 0.00	36.32 1.69 0.00	35.70 1.43 0.00	37.86 1.32 0.00	51.33 1.77 0.00	47.92 1.74 0.00	139.85 5.43 0.00	70.02 3.13 0.00	64.33 3.04 0.00	121.86 6.18 0.00	64.00 3.11 0.00	52.51 2.36 0.00	49.23 2.08 0.00

RANKINE____ 23646	41.58 -2.82 0.37	39.87 -2.53 1.88	42.04 -2.78 0.00	36.46 -2.45 0.00	43.18 -2.30 0.00	45.00 -1.76 0.00	46.68 -1.07 0.00	49.75 -1.60 0.00	42.22 -1.60 0.00	32.81 -1.06 -0.15	33.30 -1.26 0.00	32.89 -2.19 5.01	31.82 -1.62 1.19	32.85 -1.42 0.00	35.08 -1.46 0.00	47.36 -2.20 0.00	43.80 -2.38 0.00	107.06 -8.40 18.96	61.04 -4.08 1.78	58.44 -2.85 0.00	109.39 -6.29 0.00	58.07 -2.82 0.00	48.06 -2.09 0.00	45.07 -2.08 0.00
RAVENSWOOD_GT2_1 24244	46.88 2.10 0.00	46.11 1.83 0.00	46.53 1.71 0.00	40.31 1.41 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.19 2.44 0.00	54.34 2.99 0.00	46.74 2.92 0.00	37.60 2.84 -1.04	37.49 2.93 0.00	42.99 2.90 0.00	36.81 2.18 0.00	35.96 1.69 0.00	38.08 1.55 0.00	51.68 2.12 0.00	48.28 2.10 0.00	141.00 6.58 0.00	70.59 3.70 0.00	64.72 3.43 0.00	122.83 7.15 0.00	64.56 3.67 0.00	52.94 2.79 0.00	49.57 2.43 0.00
RAVENSWOOD_GT2_2 24245	46.88 2.10 0.00	46.11 1.83 0.00	46.53 1.71 0.00	40.31 1.41 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.19 2.44 0.00	54.34 2.99 0.00	46.74 2.92 0.00	37.60 2.84 -1.04	37.49 2.93 0.00	42.99 2.90 0.00	36.81 2.18 0.00	35.96 1.69 0.00	38.08 1.55 0.00	51.68 2.12 0.00	48.28 2.10 0.00	141.00 6.58 0.00	70.59 3.70 0.00	64.72 3.43 0.00	122.83 7.15 0.00	64.56 3.67 0.00	52.94 2.79 0.00	49.57 2.43 0.00
RAVENSWOOD_GT2_3 24246	46.91 2.13 0.00	46.12 1.84 0.00	46.56 1.73 0.00	40.34 1.43 0.00	47.02 1.55 0.00	48.54 1.77 0.00	50.21 2.46 0.00	54.37 3.03 0.00	46.76 2.94 0.00	37.62 2.85 -1.04	37.51 2.95 0.00	43.01 2.92 0.00	36.82 2.19 0.00	35.99 1.72 0.00	38.10 1.56 0.00	51.71 2.15 0.00	48.30 2.13 0.00	141.05 6.63 0.00	70.62 3.73 0.00	64.76 3.46 0.00	122.90 7.22 0.00	64.58 3.69 0.00	52.95 2.80 0.00	49.59 2.44 0.00
RAVENSWOOD_GT2_4 24247	46.91 2.13 0.00	46.12 1.84 0.00	46.56 1.73 0.00	40.34 1.43 0.00	47.02 1.55 0.00	48.54 1.77 0.00	50.21 2.46 0.00	54.37 3.03 0.00	46.76 2.94 0.00	37.62 2.85 -1.04	37.51 2.95 0.00	43.01 2.92 0.00	36.82 2.19 0.00	35.99 1.72 0.00	38.10 1.56 0.00	51.71 2.15 0.00	48.30 2.13 0.00	141.05 6.63 0.00	70.62 3.73 0.00	64.76 3.46 0.00	122.90 7.22 0.00	64.58 3.69 0.00	52.95 2.80 0.00	49.59 2.44 0.00
RAVENSWOOD_GT3_1 24248	46.91 2.13 0.00	46.13 1.85 0.00	46.57 1.74 0.00	40.35 1.45 0.00	47.05 1.58 0.00	48.56 1.80 0.00	50.23 2.48 0.00	54.38 3.04 0.00	46.76 2.93 0.00	37.61 2.85 -1.04	37.50 2.94 0.00	43.01 2.91 0.00	36.81 2.17 0.00	36.00 1.73 0.00	38.12 1.59 0.00	51.72 2.16 0.00	48.30 2.13 0.00	141.04 6.62 0.00	70.60 3.70 0.00	64.76 3.47 0.00	122.89 7.21 0.00	64.58 3.69 0.00	52.95 2.80 0.00	49.59 2.45 0.00
RAVENSWOOD_GT3_2 24249	46.91 2.13 0.00	46.13 1.85 0.00	46.57 1.74 0.00	40.35 1.45 0.00	47.05 1.58 0.00	48.56 1.80 0.00	50.23 2.48 0.00	54.38 3.04 0.00	46.76 2.93 0.00	37.61 2.85 -1.04	37.50 2.94 0.00	43.01 2.91 0.00	36.81 2.17 0.00	36.00 1.73 0.00	38.12 1.59 0.00	51.72 2.16 0.00	48.30 2.13 0.00	141.04 6.62 0.00	70.60 3.70 0.00	64.76 3.47 0.00	122.89 7.21 0.00	64.58 3.69 0.00	52.95 2.80 0.00	49.59 2.45 0.00
RAVENSWOOD_GT3_3 24250	46.97 2.19 0.00	46.18 1.90 0.00	46.61 1.79 0.00	40.39 1.49 0.00	47.10 1.63 0.00	48.61 1.84 0.00	50.28 2.53 0.00	54.44 3.10 0.00	46.81 2.99 0.00	37.66 2.90 -1.04	37.54 2.99 0.00	43.06 2.97 0.00	36.86 2.22 0.00	36.05 1.78 0.00	38.17 1.64 0.00	51.80 2.24 0.00	48.38 2.20 0.00	141.20 6.79 0.00	70.70 3.81 0.00	64.86 3.56 0.00	123.05 7.38 0.00	64.68 3.78 0.00	53.02 2.87 0.00	49.66 2.52 0.00
RAVENSWOOD_GT3_4 24251	46.97 2.19 0.00	46.18 1.90 0.00	46.61 1.79 0.00	40.39 1.49 0.00	47.10 1.63 0.00	48.61 1.84 0.00	50.28 2.53 0.00	54.44 3.10 0.00	46.81 2.99 0.00	37.66 2.90 -1.04	37.54 2.99 0.00	43.06 2.97 0.00	36.86 2.22 0.00	36.05 1.78 0.00	38.17 1.64 0.00	51.80 2.24 0.00	48.38 2.20 0.00	141.20 6.79 0.00	70.70 3.81 0.00	64.86 3.56 0.00	123.05 7.38 0.00	64.68 3.78 0.00	53.02 2.87 0.00	49.66 2.52 0.00
RAVENSWOOD_GT_1 23729	46.93 2.16 0.00	46.15 1.88 0.00	46.56 1.74 0.00	40.35 1.44 0.00	47.03 1.55 0.00	48.53 1.76 0.00	50.19 2.44 0.00	54.33 2.98 0.00	46.75 2.93 0.00	37.66 2.89 -1.04	37.54 2.98 0.00	43.06 2.97 0.00	36.85 2.22 0.00	36.05 1.78 0.00	38.12 1.59 0.00	51.76 2.20 0.00	48.34 2.16 0.00	140.94 6.52 0.00	70.58 3.69 0.00	64.73 3.43 0.00	122.89 7.21 0.00	64.56 3.67 0.00	52.93 2.78 0.00	49.56 2.42 0.00
RAVENSWOOD_GT_10 24258	46.88 2.10 0.00	46.11 1.83 0.00	46.53 1.71 0.00	40.32 1.41 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.19 2.44 0.00	54.34 3.00 0.00	46.74 2.92 0.00	37.60 2.83 -1.04	37.48 2.92 0.00	42.99 2.90 0.00	36.81 2.17 0.00	35.96 1.69 0.00	38.09 1.55 0.00	51.68 2.12 0.00	48.28 2.10 0.00	141.00 6.58 0.00	70.59 3.70 0.00	64.72 3.43 0.00	122.83 7.15 0.00	64.56 3.67 0.00	52.94 2.79 0.00	49.57 2.43 0.00
RAVENSWOOD_GT_11 24259	46.88 2.10 0.00	46.11 1.83 0.00	46.53 1.71 0.00	40.32 1.41 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.19 2.44 0.00	54.34 3.00 0.00	46.74 2.92 0.00	37.60 2.83 -1.04	37.48 2.92 0.00	42.99 2.90 0.00	36.81 2.17 0.00	35.96 1.69 0.00	38.09 1.55 0.00	51.68 2.12 0.00	48.28 2.10 0.00	141.00 6.58 0.00	70.59 3.70 0.00	64.72 3.43 0.00	122.83 7.15 0.00	64.56 3.67 0.00	52.94 2.79 0.00	49.57 2.43 0.00
RAVENSWOOD_GT_4 24252	46.90 2.12 0.00	46.12 1.84 0.00	46.55 1.73 0.00	40.32 1.42 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.18 2.43 0.00	54.34 2.99 0.00	46.74 2.92 0.00	37.61 2.85 -1.04	37.50 2.94 0.00	43.01 2.92 0.00	36.81 2.18 0.00	36.00 1.73 0.00	38.10 1.56 0.00	51.71 2.15 0.00	48.29 2.12 0.00	140.93 6.52 0.00	70.58 3.69 0.00	64.74 3.44 0.00	122.86 7.18 0.00	64.56 3.67 0.00	52.93 2.78 0.00	49.57 2.43 0.00
RAVENSWOOD_GT_5 24254	46.90 2.12 0.00	46.12 1.84 0.00	46.55 1.73 0.00	40.32 1.42 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.18 2.43 0.00	54.34 2.99 0.00	46.74 2.92 0.00	37.61 2.85 -1.04	37.50 2.94 0.00	43.01 2.92 0.00	36.81 2.18 0.00	36.00 1.73 0.00	38.10 1.56 0.00	51.71 2.15 0.00	48.29 2.12 0.00	140.93 6.52 0.00	70.58 3.69 0.00	64.74 3.44 0.00	122.86 7.18 0.00	64.56 3.67 0.00	52.93 2.78 0.00	49.57 2.43 0.00
RAVENSWOOD_GT_6 24253	46.90 2.12 0.00	46.12 1.84 0.00	46.55 1.73 0.00	40.32 1.42 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.18 2.43 0.00	54.34 2.99 0.00	46.74 2.92 0.00	37.61 2.85 -1.04	37.50 2.94 0.00	43.01 2.92 0.00	36.81 2.18 0.00	36.00 1.73 0.00	38.10 1.56 0.00	51.71 2.15 0.00	48.29 2.12 0.00	140.93 6.52 0.00	70.58 3.69 0.00	64.74 3.44 0.00	122.86 7.18 0.00	64.56 3.67 0.00	52.93 2.78 0.00	49.57 2.43 0.00

RAVENSWOOD_GT_7 24255	46.90 2.12 0.00	46.12 1.84 0.00	46.55 1.73 0.00	40.32 1.42 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.18 2.43 0.00	54.34 2.99 0.00	46.74 2.92 0.00	37.61 2.85 -1.04	37.50 2.94 0.00	43.01 2.92 0.00	36.81 2.18 0.00	36.00 1.73 0.00	38.10 1.56 0.00	51.71 2.15 0.00	48.29 2.12 0.00	140.93 6.52 0.00	70.58 3.69 0.00	64.74 3.44 0.00	122.86 7.18 0.00	64.56 3.67 0.00	52.93 2.78 0.00	49.57 2.43 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.88 2.10 0.00	46.11 1.83 0.00	46.53 1.71 0.00	40.32 1.41 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.19 2.44 0.00	54.34 3.00 0.00	46.74 2.92 0.00	37.60 2.83 -1.04	37.48 2.92 0.00	42.99 2.90 0.00	36.81 2.17 0.00	35.96 1.69 0.00	38.09 1.55 0.00	51.68 2.12 0.00	48.28 2.10 0.00	141.00 6.58 0.00	70.59 3.70 0.00	64.72 3.43 0.00	122.83 7.15 0.00	64.56 3.67 0.00	52.94 2.79 0.00	49.57 2.43 0.00
RAVENSWOOD_GT_9 24257	46.88 2.10 0.00	46.11 1.83 0.00	46.53 1.71 0.00	40.32 1.41 0.00	47.02 1.54 0.00	48.52 1.76 0.00	50.19 2.44 0.00	54.34 3.00 0.00	46.74 2.92 0.00	37.60 2.83 -1.04	37.48 2.92 0.00	42.99 2.90 0.00	36.81 2.17 0.00	35.96 1.69 0.00	38.09 1.55 0.00	51.68 2.12 0.00	48.28 2.10 0.00	141.00 6.58 0.00	70.59 3.70 0.00	64.72 3.43 0.00	122.83 7.15 0.00	64.56 3.67 0.00	52.94 2.79 0.00	49.57 2.43 0.00
RAVENSWOOD____1 23533	46.91 2.14 0.00	46.13 1.85 0.00	46.54 1.72 0.00	40.33 1.42 0.00	47.00 1.52 0.00	48.51 1.75 0.00	50.17 2.42 0.00	54.31 2.97 0.00	46.73 2.91 0.00	37.65 2.88 -1.04	37.53 2.97 0.00	43.05 2.95 0.00	36.84 2.20 0.00	36.04 1.77 0.00	38.11 1.58 0.00	51.73 2.17 0.00	48.32 2.15 0.00	140.92 6.51 0.00	70.57 3.68 0.00	64.71 3.42 0.00	122.88 7.20 0.00	64.55 3.66 0.00	52.92 2.77 0.00	49.57 2.42 0.00
RAVENSWOOD____2 23534	46.90 2.13 0.00	46.13 1.85 0.00	46.54 1.71 0.00	40.32 1.41 0.00	46.99 1.51 0.00	48.49 1.73 0.00	50.15 2.40 0.00	54.29 2.95 0.00	46.72 2.90 0.00	37.63 2.86 -1.04	37.51 2.95 0.00	43.02 2.93 0.00	36.83 2.19 0.00	36.02 1.75 0.00	38.10 1.57 0.00	51.72 2.16 0.00	48.30 2.13 0.00	140.91 6.49 0.00	70.56 3.67 0.00	64.71 3.42 0.00	122.84 7.16 0.00	64.55 3.66 0.00	52.92 2.77 0.00	49.55 2.41 0.00
RAVENSWOOD____3 23535	46.90 2.12 0.00	46.13 1.85 0.00	46.56 1.73 0.00	40.34 1.43 0.00	47.01 1.54 0.00	48.54 1.78 0.00	50.21 2.46 0.00	54.35 3.01 0.00	46.75 2.93 0.00	37.60 2.84 -1.04	37.50 2.94 0.00	43.00 2.90 0.00	36.81 2.18 0.00	35.99 1.72 0.00	38.10 1.57 0.00	51.71 2.15 0.00	48.28 2.11 0.00	141.02 6.60 0.00	70.60 3.70 0.00	64.75 3.45 0.00	122.85 7.17 0.00	64.57 3.68 0.00	52.95 2.80 0.00	49.60 2.45 0.00
RAVENSWOOD____4 23820	46.90 2.13 0.00	46.13 1.85 0.00	46.54 1.71 0.00	40.32 1.41 0.00	46.99 1.51 0.00	48.49 1.73 0.00	50.15 2.40 0.00	54.29 2.95 0.00	46.72 2.90 0.00	37.63 2.86 -1.04	37.51 2.95 0.00	43.02 2.93 0.00	36.83 2.19 0.00	36.02 1.75 0.00	38.10 1.57 0.00	51.72 2.16 0.00	48.30 2.13 0.00	140.91 6.49 0.00	70.56 3.67 0.00	64.71 3.42 0.00	122.84 7.16 0.00	64.55 3.66 0.00	52.92 2.77 0.00	49.55 2.41 0.00
RCPL_TRUST____DRP 24196	46.95 2.17 0.00	46.15 1.88 0.00	46.59 1.76 0.00	40.36 1.45 0.00	47.06 1.58 0.00	48.57 1.80 0.00	50.24 2.49 0.00	54.42 3.07 0.00	46.78 2.96 0.00	37.63 2.86 -1.04	37.53 2.97 0.00	43.03 2.94 0.00	36.85 2.21 0.00	36.05 1.78 0.00	38.18 1.64 0.00	51.79 2.23 0.00	48.36 2.18 0.00	141.19 6.77 0.00	70.69 3.80 0.00	64.85 3.55 0.00	122.98 7.30 0.00	64.63 3.74 0.00	53.00 2.85 0.00	49.63 2.49 0.00
RED____ROCHESTER 323720	43.50 -1.09 0.19	42.29 -1.02 0.97	43.71 -1.11 0.00	37.92 -0.99 0.00	44.62 -0.85 0.00	46.25 -0.51 0.00	47.64 -0.10 0.00	50.91 -0.43 0.00	43.14 -0.68 0.00	33.51 -0.33 -0.11	34.07 -0.48 0.00	36.55 -0.96 2.59	33.34 -0.68 0.61	33.71 -0.56 0.00	36.08 -0.46 0.00	48.97 -0.59 0.00	45.57 -0.61 0.00	123.01 -2.33 9.08	65.67 -1.22 0.00	60.56 -0.74 0.00	113.91 -1.77 0.00	60.08 -0.81 0.00	49.51 -0.64 0.00	46.42 -0.73 0.00
REGAN____SOLAR 323812	46.93 2.15 0.00	46.29 2.01 0.00	46.84 2.02 0.00	40.65 1.74 0.00	47.56 2.09 0.00	49.05 2.28 0.00	50.61 2.86 0.00	53.95 2.60 0.00	44.70 0.88 0.00	35.89 0.90 -1.27	35.23 0.67 0.00	40.51 -0.19 -0.60	34.15 -0.63 -0.14	33.50 -0.77 0.00	36.05 -0.48 0.00	48.92 -0.64 0.00	45.98 -0.19 0.00	137.76 3.35 0.00	68.51 1.62 0.00	64.70 3.41 0.00	122.92 7.24 0.00	64.46 3.57 0.00	52.93 2.77 0.00	49.64 2.50 0.00
RENSSELAER____COGEN 23796	45.36 0.59 0.00	44.72 0.45 0.00	45.22 0.39 0.00	39.38 0.47 0.00	45.83 0.35 0.00	47.23 0.47 0.00	48.65 0.89 0.00	52.51 1.16 0.00	44.90 1.08 0.00	35.94 1.03 -1.19	35.57 1.01 0.00	40.93 0.84 0.00	35.06 0.42 0.00	34.70 0.43 0.00	36.93 0.39 0.00	50.23 0.67 0.00	46.72 0.55 0.00	136.21 1.79 0.00	67.92 1.03 0.00	62.36 1.07 0.00	117.86 2.18 0.00	62.06 1.17 0.00	51.10 0.94 0.00	47.98 0.83 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.16 3.38 0.00	47.29 3.01 0.00	48.05 3.23 0.00	41.75 2.84 0.00	48.95 3.48 0.00	50.55 3.78 0.00	52.24 4.49 0.00	56.08 4.73 0.00	47.91 4.09 0.00	38.19 3.26 -1.22	37.98 3.43 0.00	43.13 3.03 0.00	36.29 1.65 0.00	36.26 1.99 0.00	38.75 2.22 0.00	53.37 3.81 0.00	49.64 3.46 0.00	145.35 10.93 0.00	73.84 6.95 0.00	68.53 7.24 0.00	128.83 13.15 0.00	68.08 7.18 0.00	55.48 5.33 0.00	51.70 4.55 0.00
REVERE_CPPR_DRP 24186	46.11 1.33 0.00	45.46 1.18 0.00	45.97 1.15 0.00	39.88 0.97 0.00	46.49 1.01 0.00	47.95 1.18 0.00	49.24 1.49 0.00	52.82 1.47 0.00	44.94 1.12 0.00	34.39 0.61 -0.06	35.02 0.46 0.00	40.42 0.32 0.00	34.82 0.18 0.00	34.54 0.27 0.00	36.86 0.32 0.00	50.28 0.72 0.00	46.94 0.76 0.00	136.71 2.29 0.00	68.36 1.46 0.00	63.01 1.72 0.00	119.37 3.70 0.00	62.77 1.88 0.00	51.44 1.29 0.00	48.21 1.07 0.00
REYNLDDPA_13_KV_LD 356490	44.94 0.16 0.00	44.61 0.34 0.00	45.17 0.35 0.00	39.18 0.28 0.00	45.89 0.41 0.00	46.95 0.19 0.00	47.51 -0.24 0.00	50.87 -0.47 0.00	43.72 -0.10 0.00	33.37 -0.36 0.00	34.23 -0.33 0.00	40.07 -0.03 0.00	34.78 0.14 0.00	34.48 0.21 0.00	36.85 0.31 0.00	49.67 0.11 0.00	46.12 -0.06 0.00	133.36 -1.06 0.00	66.39 -0.51 0.00	60.62 -0.68 0.00	114.36 -1.32 0.00	60.24 -0.65 0.00	49.65 -0.50 0.00	46.77 -0.37 0.00
REYNOLDS_115KV_TB3 80639	45.81 1.03 0.00	45.16 0.88 0.00	45.66 0.83 0.00	39.70 0.80 0.00	46.28 0.80 0.00	47.69 0.92 0.00	49.10 1.35 0.00	52.96 1.61 0.00	45.28 1.46 0.00	36.26 1.35 -1.19	35.90 1.34 0.00	41.31 1.21 0.00	35.36 0.72 0.00	35.01 0.74 0.00	37.26 0.72 0.00	50.66 1.10 0.00	47.12 0.95 0.00	137.35 2.93 0.00	68.48 1.58 0.00	62.93 1.63 0.00	118.90 3.22 0.00	62.62 1.73 0.00	51.57 1.42 0.00	48.44 1.30 0.00

RIVERBAY____ 323610	47.88 3.10 0.00	47.17 2.89 0.00	47.66 2.84 0.00	41.27 2.37 0.00	48.14 2.67 0.00	49.71 2.95 0.00	51.47 3.72 0.00	55.73 4.39 0.00	47.90 4.07 0.00	38.59 3.82 -1.04	38.39 3.83 0.00	43.99 3.89 0.00	37.61 2.97 0.00	36.83 2.57 0.00	38.88 2.35 0.00	52.93 3.37 0.00	49.49 3.32 0.00	144.30 9.88 0.00	72.33 5.43 0.00	66.30 5.01 0.00	125.94 10.26 0.00	66.10 5.21 0.00	54.21 4.06 0.00	50.76 3.62 0.00
RIVERSDE_115KV_TB3 55908	45.65 0.87 0.00	44.99 0.72 0.00	45.50 0.67 0.00	39.59 0.68 0.00	46.11 0.63 0.00	47.51 0.75 0.00	48.93 1.18 0.00	52.80 1.46 0.00	45.14 1.31 0.00	36.14 1.22 -1.19	35.78 1.22 0.00	41.17 1.07 0.00	35.24 0.60 0.00	34.89 0.63 0.00	37.13 0.60 0.00	50.46 0.89 0.00	46.93 0.76 0.00	136.78 2.37 0.00	68.22 1.33 0.00	62.73 1.44 0.00	118.56 2.88 0.00	62.43 1.54 0.00	51.39 1.24 0.00	48.27 1.12 0.00
ROARING__BROOK_WT_PWR 323790	44.73 -0.04 0.00	44.27 -0.01 0.00	44.80 -0.02 0.00	38.87 -0.04 0.00	45.29 -0.19 0.00	46.62 -0.15 0.00	47.57 -0.18 0.00	51.10 -0.24 0.00	43.48 -0.34 0.00	33.36 -0.37 0.00	34.10 -0.46 0.00	39.62 -0.47 0.00	34.33 -0.31 0.00	33.92 -0.35 0.00	36.16 -0.37 0.00	49.20 -0.36 0.00	45.96 -0.21 0.00	133.51 -0.91 0.00	66.48 -0.42 0.00	60.92 -0.37 0.00	115.17 -0.51 0.00	60.66 -0.24 0.00	49.85 -0.30 0.00	46.77 -0.38 0.00
ROCHESRG_115KV_T4 355643	43.05 -1.54 0.19	41.90 -1.43 0.95	43.30 -1.52 0.00	37.58 -1.33 0.00	44.21 -1.26 0.00	45.81 -0.96 0.00	47.18 -0.57 0.00	50.43 -0.91 0.00	42.77 -1.05 0.00	33.21 -0.63 -0.11	33.77 -0.79 0.00	36.26 -1.31 2.53	33.05 -0.99 0.60	33.40 -0.87 0.00	35.72 -0.82 0.00	48.45 -1.11 0.00	45.07 -1.11 0.00	121.78 -3.78 8.85	64.93 -1.96 0.00	59.83 -1.46 0.00	112.55 -3.13 0.00	59.41 -1.48 0.00	48.97 -1.18 0.00	45.92 -1.22 0.00
ROCHESTER_9_IC 23652	43.31 -1.27 0.19	42.14 -1.17 0.97	43.55 -1.27 0.00	37.78 -1.12 0.00	44.47 -1.00 0.00	46.09 -0.67 0.00	47.49 -0.26 0.00	50.73 -0.61 0.00	43.00 -0.82 0.00	33.39 -0.45 -0.11	33.95 -0.61 0.00	36.40 -1.10 2.59	33.22 -0.80 0.62	33.59 -0.68 0.00	35.94 -0.60 0.00	48.76 -0.80 0.00	45.38 -0.80 0.00	122.45 -2.88 9.09	65.40 -1.49 0.00	60.27 -1.02 0.00	113.43 -2.25 0.00	59.84 -1.05 0.00	49.32 -0.83 0.00	46.23 -0.91 0.00
ROCKVIEW_13_KV_LD 356306	47.00 2.23 0.00	46.16 1.88 0.00	46.56 1.73 0.00	40.35 1.45 0.00	47.06 1.58 0.00	48.56 1.80 0.00	50.21 2.46 0.00	54.32 2.98 0.00	46.68 2.85 0.00	37.49 2.72 -1.04	37.36 2.80 0.00	42.86 2.76 0.00	36.71 2.07 0.00	36.00 1.73 0.00	38.15 1.61 0.00	51.75 2.19 0.00	48.32 2.15 0.00	140.98 6.56 0.00	70.57 3.68 0.00	64.81 3.52 0.00	122.82 7.14 0.00	64.55 3.66 0.00	52.95 2.80 0.00	49.60 2.46 0.00
ROME____115KV_TB2 80656	46.11 1.33 0.00	45.46 1.18 0.00	45.97 1.15 0.00	39.88 0.97 0.00	46.49 1.01 0.00	47.95 1.18 0.00	49.24 1.49 0.00	52.82 1.47 0.00	44.94 1.12 0.00	34.39 0.61 -0.06	35.02 0.46 0.00	40.42 0.32 0.00	34.82 0.18 0.00	34.54 0.27 0.00	36.86 0.32 0.00	50.28 0.72 0.00	46.94 0.76 0.00	136.71 2.29 0.00	68.36 1.46 0.00	63.01 1.72 0.00	119.37 3.70 0.00	62.77 1.88 0.00	51.44 1.29 0.00	48.21 1.07 0.00
ROSETON__1 23587	46.46 1.69 0.00	45.69 1.41 0.00	46.16 1.34 0.00	40.02 1.11 0.00	46.68 1.21 0.00	48.17 1.40 0.00	49.75 2.00 0.00	53.77 2.42 0.00	46.10 2.28 0.00	36.94 2.18 -1.05	36.76 2.20 0.00	42.21 2.11 0.00	36.15 1.51 0.00	35.55 1.29 0.00	37.73 1.20 0.00	51.20 1.64 0.00	47.80 1.62 0.00	139.52 5.10 0.00	69.83 2.93 0.00	64.12 2.82 0.00	121.39 5.71 0.00	63.82 2.93 0.00	52.40 2.24 0.00	49.13 1.98 0.00
ROSETON__2 23588	46.46 1.69 0.00	45.69 1.41 0.00	46.16 1.34 0.00	40.02 1.11 0.00	46.68 1.21 0.00	48.17 1.40 0.00	49.75 2.00 0.00	53.77 2.42 0.00	46.10 2.28 0.00	36.94 2.18 -1.05	36.76 2.20 0.00	42.21 2.11 0.00	36.15 1.51 0.00	35.55 1.29 0.00	37.73 1.20 0.00	51.20 1.64 0.00	47.80 1.62 0.00	139.52 5.10 0.00	69.83 2.93 0.00	64.12 2.82 0.00	121.39 5.71 0.00	63.82 2.93 0.00	52.40 2.24 0.00	49.13 1.98 0.00
ROTTDRAM_115KV_TB3 80664	45.86 1.09 0.00	45.22 0.94 0.00	45.74 0.92 0.00	39.71 0.81 0.00	46.40 0.92 0.00	47.81 1.04 0.00	49.20 1.45 0.00	52.95 1.61 0.00	45.14 1.32 0.00	36.11 1.16 -1.22	35.68 1.12 0.00	41.11 1.01 0.00	35.26 0.62 0.00	34.86 0.59 0.00	37.11 0.57 0.00	50.43 0.87 0.00	47.02 0.84 0.00	137.38 2.96 0.00	68.62 1.73 0.00	63.11 1.82 0.00	119.30 3.62 0.00	62.79 1.90 0.00	51.67 1.51 0.00	48.54 1.40 0.00
RUSSELL__1 23602	43.49 -1.10 0.19	42.30 -1.01 0.97	43.71 -1.12 0.00	37.92 -0.99 0.00	44.64 -0.84 0.00	46.25 -0.51 0.00	47.65 -0.10 0.00	50.90 -0.44 0.00	43.14 -0.68 0.00	33.51 -0.33 -0.11	34.07 -0.48 0.00	36.56 -0.95 2.59	33.34 -0.68 0.61	33.72 -0.55 0.00	36.08 -0.46 0.00	48.97 -0.59 0.00	45.57 -0.61 0.00	123.03 -2.31 9.08	65.69 -1.21 0.00	60.56 -0.74 0.00	113.89 -1.79 0.00	60.09 -0.80 0.00	49.52 -0.63 0.00	46.42 -0.73 0.00
RUSSELL__2 23532	43.49 -1.10 0.19	42.30 -1.01 0.97	43.71 -1.12 0.00	37.92 -0.99 0.00	44.64 -0.84 0.00	46.25 -0.51 0.00	47.65 -0.10 0.00	50.90 -0.44 0.00	43.14 -0.68 0.00	33.51 -0.33 -0.11	34.07 -0.48 0.00	36.56 -0.95 2.59	33.34 -0.68 0.61	33.72 -0.55 0.00	36.08 -0.46 0.00	48.97 -0.59 0.00	45.57 -0.61 0.00	123.03 -2.31 9.08	65.69 -1.21 0.00	60.56 -0.74 0.00	113.89 -1.79 0.00	60.09 -0.80 0.00	49.52 -0.63 0.00	46.42 -0.73 0.00
RUSSELL__3 23549	43.49 -1.10 0.19	42.30 -1.01 0.97	43.71 -1.12 0.00	37.92 -0.99 0.00	44.64 -0.84 0.00	46.25 -0.51 0.00	47.65 -0.10 0.00	50.90 -0.44 0.00	43.14 -0.68 0.00	33.51 -0.33 -0.11	34.07 -0.48 0.00	36.56 -0.95 2.59	33.34 -0.68 0.61	33.72 -0.55 0.00	36.08 -0.46 0.00	48.97 -0.59 0.00	45.57 -0.61 0.00	123.03 -2.31 9.08	65.69 -1.21 0.00	60.56 -0.74 0.00	113.89 -1.79 0.00	60.09 -0.80 0.00	49.52 -0.63 0.00	46.42 -0.73 0.00
RUSSELL__4 23556	43.49 -1.10 0.19	42.30 -1.01 0.97	43.71 -1.12 0.00	37.92 -0.99 0.00	44.64 -0.84 0.00	46.25 -0.51 0.00	47.65 -0.10 0.00	50.90 -0.44 0.00	43.14 -0.68 0.00	33.51 -0.33 -0.11	34.07 -0.48 0.00	36.56 -0.95 2.59	33.34 -0.68 0.61	33.72 -0.55 0.00	36.08 -0.46 0.00	48.97 -0.59 0.00	45.57 -0.61 0.00	123.03 -2.31 9.08	65.69 -1.21 0.00	60.56 -0.74 0.00	113.89 -1.79 0.00	60.09 -0.80 0.00	49.52 -0.63 0.00	46.42 -0.73 0.00
RUSSELL__STATION 23914	43.49 -1.10 0.19	42.30 -1.01 0.97	43.71 -1.12 0.00	37.92 -0.99 0.00	44.64 -0.84 0.00	46.25 -0.51 0.00	47.65 -0.10 0.00	50.90 -0.44 0.00	43.14 -0.68 0.00	33.51 -0.33 -0.11	34.07 -0.48 0.00	36.56 -0.95 2.59	33.34 -0.68 0.61	33.72 -0.55 0.00	36.08 -0.46 0.00	48.97 -0.59 0.00	45.57 -0.61 0.00	123.03 -2.31 9.08	65.69 -1.21 0.00	60.56 -0.74 0.00	113.89 -1.79 0.00	60.09 -0.80 0.00	49.52 -0.63 0.00	46.42 -0.73 0.00

S SALMON___HYD 24043	43.91 -0.87 0.00	43.36 -0.91 0.00	43.92 -0.91 0.00	38.11 -0.80 0.00	44.41 -1.07 0.00	45.78 -0.98 0.00	46.94 -0.81 0.00	50.40 -0.94 0.00	42.84 -0.98 0.00	32.94 -0.86 -0.08	33.60 -0.96 0.00	38.90 -1.20 0.00	33.61 -1.02 0.00	33.16 -1.12 0.00	35.33 -1.20 0.00	48.03 -1.53 0.00	44.69 -1.49 0.00	130.24 -4.18 0.00	65.00 -1.90 0.00	59.74 -1.56 0.00	113.14 -2.54 0.00	59.52 -1.37 0.00	48.83 -1.33 0.00	45.81 -1.33 0.00
S.PERRY___115KV_TB1 80734	44.10 -0.29 0.38	42.03 -0.28 1.96	44.31 -0.52 0.00	38.33 -0.58 0.00	45.30 -0.18 0.00	47.10 0.34 0.00	48.77 1.02 0.00	51.79 0.45 0.00	43.27 -0.55 0.00	33.33 -0.55 -0.16	33.70 -0.86 0.00	33.48 -1.37 5.25	32.25 -1.14 1.25	33.30 -0.97 0.00	35.72 -0.82 0.00	48.65 -0.91 0.00	45.42 -0.75 0.00	112.31 -2.30 19.81	71.57 -0.66 -5.33	61.84 0.55 0.00	116.46 0.78 0.00	61.55 0.66 0.00	50.63 0.48 0.00	47.40 0.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.27 -3.16 0.35	39.66 -2.85 1.77	41.74 -3.08 0.00	36.21 -2.70 0.00	42.89 -2.58 0.00	44.69 -2.08 0.00	46.31 -1.44 0.00	49.38 -1.96 0.00	41.93 -1.89 0.00	32.67 -1.20 -0.15	33.15 -1.41 0.00	33.00 -2.37 4.73	31.77 -1.74 1.12	32.75 -1.52 0.00	34.97 -1.56 0.00	47.21 -2.35 0.00	43.64 -2.54 0.00	107.68 -8.93 17.80	60.66 -4.51 1.73	57.95 -3.35 0.00	108.53 -7.15 0.00	57.62 -3.27 0.00	47.77 -2.38 0.00	44.77 -2.37 0.00
SAWYER___23_KV_LOAD 55526	41.27 -3.16 0.35	39.66 -2.85 1.77	41.74 -3.08 0.00	36.21 -2.70 0.00	42.89 -2.58 0.00	44.69 -2.08 0.00	46.31 -1.44 0.00	49.38 -1.96 0.00	41.93 -1.89 0.00	32.67 -1.20 -0.15	33.15 -1.41 0.00	33.00 -2.37 4.73	31.77 -1.74 1.12	32.75 -1.52 0.00	34.97 -1.56 0.00	47.21 -2.35 0.00	43.64 -2.54 0.00	107.68 -8.93 17.80	60.66 -4.51 1.73	57.95 -3.35 0.00	108.53 -7.15 0.00	57.62 -3.27 0.00	47.77 -2.38 0.00	44.77 -2.37 0.00
SELKIRK___I 23801	45.79 1.01 0.00	45.15 0.88 0.00	45.67 0.85 0.00	39.72 0.82 0.00	46.33 0.85 0.00	47.74 0.98 0.00	49.10 1.35 0.00	52.94 1.60 0.00	45.21 1.38 0.00	36.09 1.20 -1.17	35.69 1.13 0.00	41.10 1.01 0.00	35.20 0.56 0.00	34.84 0.58 0.00	37.10 0.56 0.00	50.42 0.86 0.00	46.93 0.75 0.00	136.64 2.22 0.00	68.32 1.42 0.00	62.89 1.60 0.00	118.77 3.09 0.00	62.58 1.68 0.00	51.54 1.39 0.00	48.43 1.29 0.00
SELKIRK___II 23799	45.55 0.77 0.00	44.90 0.63 0.00	45.42 0.59 0.00	39.49 0.58 0.00	46.03 0.55 0.00	47.44 0.67 0.00	48.82 1.07 0.00	52.67 1.33 0.00	45.03 1.20 0.00	36.02 1.12 -1.18	35.66 1.10 0.00	41.05 0.96 0.00	35.19 0.55 0.00	34.81 0.54 0.00	37.05 0.52 0.00	50.37 0.81 0.00	46.89 0.71 0.00	136.67 2.25 0.00	68.18 1.28 0.00	62.60 1.31 0.00	118.24 2.56 0.00	62.26 1.37 0.00	51.27 1.12 0.00	48.16 1.01 0.00
SENECA OSWGO___HYD 24041	43.40 -1.37 0.00	42.90 -1.38 0.00	43.47 -1.35 0.00	37.73 -1.17 0.00	44.13 -1.35 0.00	45.48 -1.28 0.00	46.64 -1.11 0.00	50.11 -1.24 0.00	42.66 -1.16 0.00	33.03 -0.79 -0.09	33.65 -0.91 0.00	38.86 -1.23 0.00	33.56 -1.08 0.00	33.16 -1.11 0.00	35.35 -1.19 0.00	48.01 -1.55 0.00	44.73 -1.44 0.00	130.10 -4.32 0.00	64.70 -2.20 0.00	59.33 -1.96 0.00	111.96 -3.72 0.00	58.95 -1.94 0.00	48.47 -1.68 0.00	45.56 -1.59 0.00
SENECA___115KV_TB3 355854	41.67 -2.74 0.37	39.93 -2.48 1.88	42.11 -2.72 0.00	36.52 -2.39 0.00	43.23 -2.24 0.00	45.06 -1.71 0.00	46.74 -1.01 0.00	49.82 -1.52 0.00	42.28 -1.54 0.00	32.86 -1.01 -0.15	33.34 -1.21 0.00	32.91 -2.17 5.01	31.85 -1.59 1.19	32.88 -1.39 0.00	35.13 -1.41 0.00	47.43 -2.13 0.00	43.86 -2.31 0.00	107.18 -8.27 18.96	61.12 -4.00 1.78	58.54 -2.76 0.00	109.59 -6.09 0.00	58.15 -2.74 0.00	48.12 -2.03 0.00	45.14 -2.01 0.00
SENECA___ENERGY 23797	43.80 -0.84 0.14	42.69 -0.85 0.73	43.95 -0.87 0.00	38.12 -0.78 0.00	44.73 -0.75 0.00	46.24 -0.53 0.00	47.65 -0.09 0.00	50.92 -0.42 0.00	43.08 -0.74 0.00	33.27 -0.58 -0.13	33.77 -0.79 0.00	36.96 -1.20 1.93	33.20 -0.97 0.46	33.28 -0.99 0.00	35.67 -0.86 0.00	48.42 -1.14 0.00	45.23 -0.95 0.00	125.56 -2.95 5.90	65.90 -1.38 -0.38	60.39 -0.90 0.00	113.63 -2.05 0.00	60.00 -0.90 0.00	49.33 -0.83 0.00	46.35 -0.80 0.00
SHOEMAKER___GT 23640	46.48 1.66 -0.04	45.87 1.37 -0.22	46.10 1.28 0.00	39.97 1.06 0.00	46.62 1.14 0.00	48.10 1.33 0.00	49.67 1.92 0.00	53.68 2.34 0.00	45.96 2.14 0.00	36.70 1.99 -0.99	36.50 1.94 0.00	42.46 1.80 -0.57	36.02 1.25 -0.13	35.35 1.08 0.00	37.56 1.03 0.00	50.96 1.40 0.00	47.59 1.42 0.00	138.96 4.55 0.00	69.59 2.70 0.00	64.03 2.74 0.00	121.28 5.60 0.00	63.76 2.87 0.00	52.33 2.18 0.00	49.08 1.93 0.00
SHOEMAKR_138KV_BK 111 55601	46.46 1.65 -0.04	45.86 1.37 -0.22	46.09 1.27 0.00	39.95 1.05 0.00	46.61 1.14 0.00	48.09 1.32 0.00	49.66 1.91 0.00	53.66 2.32 0.00	45.96 2.14 0.00	36.72 2.01 -0.99	36.54 1.98 0.00	42.51 1.84 -0.57	36.07 1.30 -0.14	35.39 1.12 0.00	37.59 1.06 0.00	51.01 1.45 0.00	47.63 1.45 0.00	139.01 4.59 0.00	69.61 2.72 0.00	64.03 2.73 0.00	121.26 5.58 0.00	63.73 2.84 0.00	52.32 2.17 0.00	49.05 1.91 0.00
SHOREHAM_IC_1 23715	47.23 2.45 0.00	46.22 1.94 0.00	46.62 1.80 0.00	40.50 1.60 0.00	46.99 1.52 0.00	48.69 1.92 0.00	50.46 2.71 0.00	54.26 2.91 0.00	50.69 3.17 -3.70	53.51 2.96 -16.83	57.49 3.06 -19.86	52.90 3.20 -9.60	46.59 2.40 -9.55	41.20 1.86 -5.07	40.14 1.84 -1.75	51.89 2.33 0.00	51.41 2.65 -2.58	140.80 6.38 0.00	70.21 3.31 0.00	64.92 3.63 0.00	122.38 6.69 0.00	64.46 3.57 0.00	53.60 3.37 -0.07	50.33 2.71 -0.48
SHOREHAM_IC_2 23716	47.23 2.45 0.00	46.22 1.94 0.00	46.62 1.80 0.00	40.50 1.60 0.00	46.99 1.52 0.00	48.69 1.92 0.00	50.46 2.71 0.00	54.26 2.91 0.00	50.69 3.17 -3.70	53.51 2.96 -16.83	57.49 3.06 -19.86	52.90 3.20 -9.60	46.59 2.40 -9.55	41.20 1.86 -5.07	40.14 1.84 -1.75	51.89 2.33 0.00	51.41 2.65 -2.58	140.80 6.38 0.00	70.21 3.31 0.00	64.92 3.63 0.00	122.38 6.69 0.00	64.46 3.57 0.00	53.60 3.37 -0.07	50.33 2.71 -0.48
SISSONVILLE___ 23735	43.87 -0.90 0.00	43.55 -0.73 0.00	44.08 -0.74 0.00	38.23 -0.68 0.00	44.67 -0.80 0.00	45.85 -0.91 0.00	46.39 -1.36 0.00	49.80 -1.54 0.00	42.60 -1.23 0.00	31.99 -1.75 -0.02	32.70 -1.86 0.00	38.69 -1.41 0.00	33.50 -1.14 0.00	33.16 -1.11 0.00	35.42 -1.12 0.00	47.82 -1.74 0.00	44.73 -1.45 0.00	129.76 -4.66 0.00	64.73 -2.17 0.00	59.25 -2.04 0.00	112.02 -3.66 0.00	59.23 -1.66 0.00	48.73 -1.42 0.00	45.82 -1.33 0.00
SITHE_IND_GS1 24169	43.31 -1.47 0.00	42.84 -1.44 0.00	43.46 -1.37 0.00	37.72 -1.18 0.00	44.13 -1.35 0.00	45.47 -1.30 0.00	46.61 -1.14 0.00	50.06 -1.28 0.00	42.66 -1.16 0.00	33.02 -0.77 -0.07	33.71 -0.85 0.00	38.95 -1.14 0.00	33.65 -0.99 0.00	33.26 -1.01 0.00	35.48 -1.06 0.00	48.16 -1.40 0.00	44.89 -1.29 0.00	130.46 -3.96 0.00	64.75 -2.15 0.00	59.18 -2.11 0.00	111.64 -4.04 0.00	58.79 -2.11 0.00	48.38 -1.77 0.00	45.50 -1.64 0.00

SITHE_IND_GS2 24170	43.31 -1.47 0.00	42.84 -1.44 0.00	43.46 -1.37 0.00	37.72 -1.18 0.00	44.13 -1.35 0.00	45.47 -1.30 0.00	46.61 -1.14 0.00	50.06 -1.28 0.00	42.66 -1.16 0.00	33.02 -0.77 -0.07	33.71 -0.85 0.00	38.95 -1.14 0.00	33.65 -0.99 0.00	33.26 -1.01 0.00	35.48 -1.06 0.00	48.16 -1.40 0.00	44.89 -1.29 0.00	130.46 -3.96 0.00	64.75 -2.15 0.00	59.18 -2.11 0.00	111.64 -4.04 0.00	58.79 -2.11 0.00	48.38 -1.77 0.00	45.50 -1.64 0.00
SITHE_IND_GS3 24171	43.31 -1.47 0.00	42.84 -1.44 0.00	43.46 -1.37 0.00	37.72 -1.18 0.00	44.13 -1.35 0.00	45.47 -1.30 0.00	46.61 -1.14 0.00	50.06 -1.28 0.00	42.66 -1.16 0.00	33.02 -0.77 -0.07	33.71 -0.85 0.00	38.95 -1.14 0.00	33.65 -0.99 0.00	33.26 -1.01 0.00	35.48 -1.06 0.00	48.16 -1.40 0.00	44.89 -1.29 0.00	130.46 -3.96 0.00	64.75 -2.15 0.00	59.18 -2.11 0.00	111.64 -4.04 0.00	58.79 -2.11 0.00	48.38 -1.77 0.00	45.50 -1.64 0.00
SITHE_IND_GS4 24172	43.31 -1.47 0.00	42.84 -1.44 0.00	43.46 -1.37 0.00	37.72 -1.18 0.00	44.13 -1.35 0.00	45.47 -1.30 0.00	46.61 -1.14 0.00	50.06 -1.28 0.00	42.66 -1.16 0.00	33.02 -0.77 -0.07	33.71 -0.85 0.00	38.95 -1.14 0.00	33.65 -0.99 0.00	33.26 -1.01 0.00	35.48 -1.06 0.00	48.16 -1.40 0.00	44.89 -1.29 0.00	130.46 -3.96 0.00	64.75 -2.15 0.00	59.18 -2.11 0.00	111.64 -4.04 0.00	58.79 -2.11 0.00	48.38 -1.77 0.00	45.50 -1.64 0.00
SITHE___BATAVIA 24024	42.82 -1.69 0.27	41.44 -1.47 1.37	43.15 -1.67 0.00	37.45 -1.46 0.00	44.26 -1.21 0.00	46.08 -0.68 0.00	47.65 -0.11 0.00	50.58 -0.77 0.00	42.50 -1.33 0.00	32.91 -0.94 -0.13	33.38 -1.18 0.00	34.48 -1.97 3.65	32.40 -1.37 0.87	33.12 -1.15 0.00	35.44 -1.10 0.00	48.50 -1.06 0.00	45.02 -1.16 0.00	116.49 -4.52 13.41	63.74 -2.27 0.89	59.95 -1.35 0.00	112.66 -3.02 0.00	59.61 -1.28 0.00	49.29 -0.86 0.00	46.13 -1.01 0.00
SITHE___INDEPEND 23800	43.31 -1.46 0.00	42.85 -1.43 0.00	43.46 -1.37 0.00	37.72 -1.18 0.00	44.13 -1.35 0.00	45.47 -1.29 0.00	46.61 -1.14 0.00	50.06 -1.28 0.00	42.66 -1.16 0.00	33.02 -0.77 -0.07	33.70 -0.85 0.00	38.95 -1.14 0.00	33.65 -0.99 0.00	33.26 -1.01 0.00	35.48 -1.06 0.00	48.16 -1.40 0.00	44.89 -1.29 0.00	130.47 -3.95 0.00	64.75 -2.15 0.00	59.19 -2.11 0.00	111.64 -4.05 0.00	58.79 -2.11 0.00	48.39 -1.77 0.00	45.50 -1.64 0.00
SITHE___MASSENA 23902	44.81 0.03 0.00	44.50 0.22 0.00	45.04 0.22 0.00	39.07 0.16 0.00	45.75 0.28 0.00	46.93 0.17 0.00	47.50 -0.25 0.00	50.98 -0.36 0.00	43.67 -0.15 0.00	32.98 -0.74 0.00	33.81 -0.76 0.00	39.87 -0.22 0.00	34.60 -0.04 0.00	34.30 0.03 0.00	36.65 0.11 0.00	49.47 -0.09 0.00	46.15 -0.03 0.00	133.81 -0.61 0.00	66.60 -0.30 0.00	60.89 -0.40 0.00	114.86 -0.82 0.00	60.57 -0.32 0.00	49.89 -0.26 0.00	46.95 -0.20 0.00
SITHE___OGDNSBRG 24021	45.15 0.37 0.00	44.84 0.57 0.00	45.38 0.55 0.00	39.35 0.44 0.00	46.05 0.57 0.00	47.28 0.51 0.00	47.78 0.03 0.00	51.25 -0.09 0.00	43.82 0.00 0.00	32.92 -0.81 0.00	33.61 -0.95 0.00	39.54 -0.56 0.00	34.30 -0.34 0.00	33.97 -0.30 0.00	36.30 -0.23 0.00	49.01 -0.55 0.00	46.10 -0.08 0.00	133.53 -0.88 0.00	66.72 -0.18 0.00	61.24 -0.06 0.00	115.65 -0.03 0.00	61.07 0.18 0.00	50.24 0.09 0.00	47.25 0.10 0.00
SITHE___STERLING 23777	45.70 0.93 0.00	45.08 0.80 0.00	45.61 0.78 0.00	39.57 0.66 0.00	46.20 0.73 0.00	47.64 0.88 0.00	48.91 1.16 0.00	52.49 1.15 0.00	44.66 0.84 0.00	34.30 0.51 -0.07	34.93 0.37 0.00	40.34 0.24 0.00	34.74 0.10 0.00	34.43 0.16 0.00	36.75 0.22 0.00	50.06 0.51 0.00	46.78 0.60 0.00	136.19 1.78 0.00	67.98 1.08 0.00	62.51 1.21 0.00	118.30 2.62 0.00	62.22 1.33 0.00	51.05 0.90 0.00	47.90 0.76 0.00
SLEIGHT__34_KV_TB1 80719	43.39 -1.24 0.15	42.35 -1.16 0.77	43.60 -1.23 0.00	37.83 -1.08 0.00	44.44 -1.04 0.00	45.98 -0.79 0.00	47.29 -0.46 0.00	50.55 -0.79 0.00	42.81 -1.01 0.00	33.14 -0.69 -0.12	33.69 -0.87 0.00	36.74 -1.31 2.04	33.10 -1.05 0.48	33.34 -0.92 0.00	35.69 -0.85 0.00	48.44 -1.12 0.00	45.19 -0.98 0.00	124.62 -3.12 6.68	65.31 -1.58 0.00	60.12 -1.17 0.00	113.26 -2.42 0.00	59.72 -1.17 0.00	49.13 -1.03 0.00	46.07 -1.08 0.00
SOUTH CAIRO___GT 23612	46.90 2.13 0.00	46.20 1.92 0.00	46.69 1.87 0.00	40.62 1.71 0.00	47.38 1.90 0.00	48.87 2.11 0.00	50.41 2.66 0.00	54.50 3.15 0.00	46.46 2.63 0.00	36.85 1.98 -1.15	36.25 1.69 0.00	41.66 1.56 0.00	35.63 0.99 0.00	35.31 1.05 0.00	37.63 1.09 0.00	51.28 1.72 0.00	47.67 1.49 0.00	139.65 5.23 0.00	70.02 3.12 0.00	64.76 3.46 0.00	121.82 6.14 0.00	64.39 3.50 0.00	53.17 3.01 0.00	49.81 2.66 0.00
SOUTH HAMPTN___IC 23720	47.01 2.23 0.00	46.00 1.72 0.00	46.44 1.62 0.00	40.28 1.37 0.00	46.82 1.34 0.00	48.68 1.91 0.00	50.63 2.88 0.00	54.47 3.13 0.00	50.96 3.44 -3.70	53.64 3.11 -16.81	57.76 3.36 -19.84	53.26 3.57 -9.59	47.00 2.82 -9.55	41.52 2.19 -5.07	40.39 2.10 -1.75	52.40 2.84 0.00	52.20 3.45 -2.58	143.30 8.89 0.00	71.61 4.71 0.00	66.27 4.98 0.00	124.43 8.75 0.00	65.55 4.66 0.00	54.50 4.28 -0.07	51.16 3.54 -0.48
SOUTHDOW__115KV_TB1 355954	42.99 -1.38 0.41	41.14 -1.05 2.09	43.70 -1.12 0.00	37.84 -1.06 0.00	44.85 -0.63 0.00	46.73 -0.03 0.00	48.61 0.86 0.00	51.92 0.57 0.00	44.06 0.23 0.00	34.12 0.23 -0.16	34.63 0.07 0.00	33.64 -0.88 5.58	32.60 -0.71 1.33	33.75 -0.52 0.00	35.83 -0.70 0.00	48.36 -1.21 0.00	44.68 -1.50 0.00	107.51 -5.66 21.26	63.79 -2.05 1.06	60.74 -0.55 0.00	113.65 -2.03 0.00	60.32 -0.57 0.00	49.69 -0.46 0.00	46.60 -0.54 0.00
SOUTHOLD_69_KV_BK 2 55809	46.63 1.85 0.00	45.63 1.35 0.00	46.11 1.28 0.00	39.94 1.03 0.00	46.52 1.05 0.00	48.47 1.70 0.00	50.55 2.80 0.00	54.41 3.07 0.00	50.99 3.47 -3.70	53.64 3.11 -16.81	57.86 3.46 -19.84	53.38 3.70 -9.59	47.18 2.99 -9.55	41.62 2.28 -5.07	40.34 2.05 -1.75	52.55 2.99 0.00	52.64 3.88 -2.58	144.86 10.44 0.00	72.56 5.66 0.00	67.22 5.92 0.00	124.55 8.87 0.00	65.81 4.92 0.00	55.15 4.92 -0.07	51.69 4.07 -0.48
SOUTHOLD___IC 23719	46.63 1.85 0.00	45.64 1.36 0.00	46.11 1.28 0.00	39.94 1.03 0.00	46.50 1.02 0.00	48.47 1.71 0.00	50.55 2.80 0.00	54.41 3.06 0.00	50.99 3.47 -3.70	53.65 3.12 -16.81	57.87 3.47 -19.84	53.39 3.70 -9.59	47.19 3.01 -9.55	41.62 2.29 -5.07	40.35 2.06 -1.75	52.55 2.99 0.00	52.64 3.88 -2.58	144.88 10.47 0.00	72.58 5.68 0.00	67.22 5.92 0.00	124.52 8.85 0.00	65.81 4.92 0.00	55.15 4.93 -0.07	51.71 4.08 -0.48
SOUTH_FORK_WT_PWR 323839	45.98 1.20 0.00	45.00 0.73 0.00	45.51 0.68 0.00	39.37 0.46 0.00	45.88 0.40 0.00	47.98 1.22 0.00	50.21 2.46 0.00	54.05 2.71 0.00	50.75 3.22 -3.70	53.43 2.90 -16.81	57.71 3.31 -19.84	53.22 3.54 -9.59	47.10 2.91 -9.55	41.44 2.11 -5.07	40.09 1.81 -1.75	52.34 2.78 0.00	52.71 3.96 -2.58	145.22 10.80 0.00	72.86 5.96 0.00	67.48 6.18 0.00	125.89 10.20 0.00	66.39 5.50 0.00	55.31 5.09 -0.07	51.83 4.21 -0.48

SPIERFLS_115KV_TB 1 80737	46.16 1.38 0.00	45.42 1.15 0.00	46.03 1.21 0.00	39.98 1.07 0.00	46.76 1.29 0.00	48.26 1.50 0.00	50.48 2.72 0.00	54.49 3.15 0.00	46.49 2.67 0.00	37.12 2.18 -1.22	36.74 2.18 0.00	42.16 2.06 0.00	35.90 1.26 0.00	35.54 1.28 0.00	37.84 1.30 0.00	51.37 1.81 0.00	47.87 1.69 0.00	140.19 5.78 0.00	70.36 3.46 0.00	64.98 3.68 0.00	122.74 7.06 0.00	64.97 4.08 0.00	53.29 3.14 0.00	50.02 2.87 0.00
ST LAWRENCE____ 23600	44.60 -0.18 0.00	44.28 0.00 0.00	44.81 -0.01 0.00	38.89 -0.02 0.00	45.51 0.04 0.00	46.69 -0.08 0.00	47.31 -0.44 0.00	50.79 -0.55 0.00	43.46 -0.36 0.00	33.17 -0.55 0.00	34.02 -0.54 0.00	39.79 -0.30 0.00	34.53 -0.11 0.00	34.22 -0.05 0.00	36.57 0.03 0.00	49.42 -0.14 0.00	46.01 -0.17 0.00	133.55 -0.87 0.00	66.43 -0.47 0.00	60.71 -0.59 0.00	114.49 -1.19 0.00	60.34 -0.55 0.00	49.71 -0.45 0.00	46.77 -0.38 0.00
STATE_CA_115KV_115_LB 55624	45.58 0.80 0.00	44.92 0.64 0.00	45.43 0.60 0.00	39.55 0.64 0.00	46.04 0.56 0.00	47.45 0.69 0.00	48.86 1.11 0.00	52.75 1.40 0.00	45.09 1.26 0.00	36.08 1.16 -1.19	35.72 1.16 0.00	41.10 1.00 0.00	35.19 0.55 0.00	34.82 0.55 0.00	37.06 0.53 0.00	50.41 0.84 0.00	46.89 0.71 0.00	136.74 2.32 0.00	68.21 1.32 0.00	62.72 1.42 0.00	118.51 2.83 0.00	62.37 1.48 0.00	51.34 1.19 0.00	48.21 1.07 0.00
STATE_ST_34_KV_LOAD 55959	44.46 -0.21 0.10	43.64 -0.13 0.51	44.73 -0.10 0.00	38.81 -0.10 0.00	45.45 -0.02 0.00	46.92 0.15 0.00	48.25 0.50 0.00	51.50 0.15 0.00	43.66 -0.16 0.00	33.82 -0.04 -0.13	34.27 -0.29 0.00	38.16 -0.59 1.35	33.86 -0.46 0.32	33.82 -0.45 0.00	36.26 -0.28 0.00	49.12 -0.44 0.00	45.82 -0.36 0.00	129.99 -1.07 3.37	66.65 -0.46 -0.21	61.06 -0.24 0.00	115.04 -0.64 0.00	60.80 -0.09 0.00	49.96 -0.19 0.00	46.95 -0.20 0.00
STATION 5_MISC_HYD 23604	43.32 -1.26 0.19	42.13 -1.17 0.97	43.55 -1.27 0.00	37.78 -1.12 0.00	44.47 -1.01 0.00	46.09 -0.68 0.00	47.49 -0.26 0.00	50.73 -0.61 0.00	43.00 -0.82 0.00	33.39 -0.45 -0.11	33.95 -0.61 0.00	36.40 -1.11 2.59	33.22 -0.80 0.62	33.58 -0.69 0.00	35.93 -0.61 0.00	48.77 -0.79 0.00	45.38 -0.79 0.00	122.45 -2.88 9.09	65.40 -1.50 0.00	60.27 -1.02 0.00	113.44 -2.24 0.00	59.83 -1.06 0.00	49.30 -0.85 0.00	46.24 -0.91 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.60 -1.00 0.17	42.43 -0.96 0.89	43.80 -1.02 0.00	38.00 -0.91 0.00	44.67 -0.81 0.00	46.23 -0.53 0.00	47.62 -0.13 0.00	50.90 -0.45 0.00	43.12 -0.71 0.00	33.39 -0.45 -0.12	33.92 -0.64 0.00	36.65 -1.09 2.36	33.26 -0.82 0.56	33.54 -0.73 0.00	35.88 -0.66 0.00	48.75 -0.81 0.00	45.44 -0.73 0.00	123.89 -2.50 8.03	65.65 -1.24 0.00	60.49 -0.80 0.00	113.81 -1.87 0.00	60.04 -0.85 0.00	49.40 -0.75 0.00	46.34 -0.81 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	43.11 -1.48 0.18	41.95 -1.39 0.94	43.35 -1.47 0.00	37.62 -1.29 0.00	44.26 -1.22 0.00	45.85 -0.91 0.00	47.20 -0.55 0.00	50.46 -0.88 0.00	42.79 -1.04 0.00	33.21 -0.62 -0.11	33.78 -0.78 0.00	36.31 -1.28 2.51	33.08 -0.96 0.60	33.42 -0.85 0.00	35.75 -0.79 0.00	48.52 -1.05 0.00	45.17 -1.00 0.00	122.24 -3.45 8.73	65.11 -1.78 0.00	59.96 -1.34 0.00	112.85 -2.83 0.00	59.53 -1.36 0.00	49.05 -1.10 0.00	45.98 -1.17 0.00
STA_56____34_KV_BUS2 355983	43.11 -1.48 0.18	41.95 -1.39 0.94	43.35 -1.47 0.00	37.62 -1.29 0.00	44.26 -1.22 0.00	45.85 -0.91 0.00	47.20 -0.55 0.00	50.46 -0.88 0.00	42.79 -1.04 0.00	33.21 -0.62 -0.11	33.78 -0.78 0.00	36.31 -1.28 2.51	33.08 -0.96 0.60	33.42 -0.85 0.00	35.75 -0.79 0.00	48.52 -1.05 0.00	45.17 -1.00 0.00	122.24 -3.45 8.73	65.11 -1.78 0.00	59.96 -1.34 0.00	112.85 -2.83 0.00	59.53 -1.36 0.00	49.05 -1.10 0.00	45.98 -1.17 0.00
STA_67____115KV_BK2 355882	43.23 -1.35 0.19	42.07 -1.24 0.97	43.48 -1.34 0.00	37.73 -1.17 0.00	44.41 -1.07 0.00	46.02 -0.75 0.00	47.40 -0.35 0.00	50.65 -0.69 0.00	42.92 -0.90 0.00	33.34 -0.50 -0.11	33.90 -0.66 0.00	36.35 -1.16 2.59	33.17 -0.85 0.61	33.53 -0.73 0.00	35.87 -0.67 0.00	48.67 -0.89 0.00	45.30 -0.88 0.00	122.22 -3.11 9.08	65.28 -1.61 0.00	60.15 -1.14 0.00	113.20 -2.48 0.00	59.73 -1.16 0.00	49.23 -0.92 0.00	46.15 -1.00 0.00
STA_7____115KV_9TRANS 80674	43.49 -1.10 0.19	42.30 -1.01 0.97	43.71 -1.12 0.00	37.92 -0.99 0.00	44.64 -0.84 0.00	46.25 -0.51 0.00	47.65 -0.10 0.00	50.90 -0.44 0.00	43.14 -0.68 0.00	33.51 -0.33 -0.11	34.07 -0.48 0.00	36.56 -0.95 2.59	33.34 -0.68 0.61	33.72 -0.55 0.00	36.08 -0.46 0.00	48.97 -0.59 0.00	45.57 -0.61 0.00	123.03 -2.31 9.08	65.69 -1.21 0.00	60.56 -0.74 0.00	113.89 -1.79 0.00	60.09 -0.80 0.00	49.52 -0.63 0.00	46.42 -0.73 0.00
STA_82____115KV_TB1 80780	43.19 -1.39 0.19	42.02 -1.28 0.98	43.44 -1.38 0.00	37.69 -1.21 0.00	44.36 -1.11 0.00	45.98 -0.79 0.00	47.35 -0.40 0.00	50.60 -0.74 0.00	42.88 -0.94 0.00	33.30 -0.54 -0.12	33.86 -0.70 0.00	36.28 -1.20 2.61	33.13 -0.89 0.62	33.50 -0.77 0.00	35.83 -0.71 0.00	48.62 -0.94 0.00	45.24 -0.93 0.00	122.03 -3.25 9.14	65.21 -1.69 0.00	60.09 -1.20 0.00	113.08 -2.60 0.00	59.67 -1.23 0.00	49.18 -0.97 0.00	46.10 -1.04 0.00
STEEL____WIND 323596	41.62 -2.79 0.37	39.87 -2.54 1.88	42.04 -2.78 0.00	36.46 -2.45 0.00	43.16 -2.31 0.00	45.01 -1.75 0.00	46.71 -1.04 0.00	49.78 -1.56 0.00	42.22 -1.60 0.00	32.80 -1.08 -0.15	33.29 -1.27 0.00	32.86 -2.22 5.01	31.83 -1.62 1.19	32.83 -1.44 0.00	35.08 -1.46 0.00	47.34 -2.22 0.00	43.80 -2.38 0.00	107.01 -8.44 18.96	61.01 -4.10 1.78	58.47 -2.82 0.00	109.46 -6.22 0.00	58.09 -2.81 0.00	48.07 -2.09 0.00	45.08 -2.06 0.00
STEPHTWN_115KV_BK_2 55603	45.68 0.91 0.00	45.06 0.78 0.00	45.56 0.74 0.00	39.67 0.76 0.00	46.19 0.72 0.00	47.64 0.87 0.00	49.09 1.34 0.00	53.01 1.66 0.00	45.33 1.51 0.00	36.28 1.37 -1.19	35.90 1.34 0.00	41.28 1.19 0.00	35.32 0.69 0.00	34.91 0.64 0.00	37.16 0.62 0.00	50.54 0.98 0.00	47.00 0.82 0.00	137.24 2.82 0.00	68.54 1.65 0.00	63.02 1.73 0.00	119.06 3.38 0.00	62.66 1.77 0.00	51.57 1.42 0.00	48.40 1.25 0.00
STEUBEN_REC_LFGE 323667	42.79 -1.42 0.56	39.82 -1.58 2.88	42.85 -1.97 0.00	36.96 -1.95 0.00	44.02 -1.46 0.00	45.75 -1.02 0.00	47.57 -0.18 0.00	50.89 -0.45 0.00	42.80 -1.02 0.00	32.83 -1.09 -0.20	32.90 -1.65 0.00	29.99 -2.41 7.70	30.78 -2.02 1.83	32.51 -1.76 0.00	34.85 -1.69 0.00	47.36 -2.21 0.00	44.10 -2.08 0.00	98.23 -6.73 29.46	67.57 -2.77 -3.44	60.28 -1.01 0.00	113.05 -2.63 0.00	59.87 -1.02 0.00	49.23 -0.92 0.00	46.15 -1.00 0.00
STILLWATER____SOLAR 323814	46.45 1.68 0.00	45.77 1.50 0.00	46.30 1.48 0.00	40.20 1.29 0.00	46.98 1.51 0.00	48.45 1.68 0.00	50.04 2.29 0.00	53.89 2.55 0.00	45.97 2.15 0.00	36.70 1.77 -1.21	36.29 1.73 0.00	41.71 1.62 0.00	35.64 1.01 0.00	35.27 1.00 0.00	37.54 1.00 0.00	51.06 1.50 0.00	47.58 1.40 0.00	139.31 4.89 0.00	69.73 2.83 0.00	64.32 3.02 0.00	121.54 5.86 0.00	64.06 3.17 0.00	52.67 2.52 0.00	49.46 2.32 0.00

STONY___BROOK 24151	47.37 2.59 0.00	46.35 2.08 0.00	46.75 1.92 0.00	40.60 1.69 0.00	47.11 1.63 0.00	48.76 2.00 0.00	50.49 2.74 0.00	54.34 2.99 0.00	50.85 3.31 -3.71	53.67 3.09 -16.86	57.58 3.11 -19.91	52.94 3.22 -9.63	46.75 2.53 -9.58	41.43 2.08 -5.08	40.31 2.02 -1.76	52.02 2.46 0.00	51.48 2.72 -2.59	140.90 6.49 0.00	70.24 3.35 0.00	64.93 3.64 0.00	122.53 6.85 0.00	64.52 3.63 0.00	53.49 3.27 -0.07	50.45 2.83 -0.48
STURGEON_POOL_HYD 23609	46.71 1.93 0.00	45.93 1.65 0.00	46.38 1.56 0.00	40.20 1.30 0.00	46.92 1.45 0.00	48.42 1.65 0.00	49.99 2.24 0.00	54.04 2.69 0.00	46.37 2.54 0.00	37.17 2.39 -1.05	36.97 2.41 0.00	42.42 2.33 0.00	36.32 1.68 0.00	35.71 1.44 0.00	37.93 1.39 0.00	51.48 1.92 0.00	48.09 1.91 0.00	140.58 6.16 0.00	70.31 3.41 0.00	64.55 3.26 0.00	122.23 6.55 0.00	64.23 3.34 0.00	52.71 2.56 0.00	49.41 2.26 0.00
ST_LAW_115_BK7_LBMP 345037	44.55 -0.22 0.00	44.23 -0.05 0.00	44.78 -0.05 0.00	38.85 -0.06 0.00	45.48 0.00 0.00	46.62 -0.14 0.00	47.23 -0.52 0.00	50.70 -0.65 0.00	43.39 -0.43 0.00	33.07 -0.65 0.00	33.92 -0.64 0.00	39.73 -0.36 0.00	34.49 -0.15 0.00	34.18 -0.09 0.00	36.52 -0.02 0.00	49.34 -0.22 0.00	45.95 -0.23 0.00	133.28 -1.14 0.00	66.31 -0.59 0.00	60.59 -0.70 0.00	114.27 -1.41 0.00	60.23 -0.65 0.00	49.62 -0.53 0.00	46.69 -0.45 0.00
ST_LAW_115_BK8_LBMP 345038	44.55 -0.22 0.00	44.23 -0.05 0.00	44.78 -0.05 0.00	38.85 -0.06 0.00	45.48 0.00 0.00	46.62 -0.14 0.00	47.23 -0.52 0.00	50.70 -0.65 0.00	43.39 -0.43 0.00	33.07 -0.65 0.00	33.92 -0.64 0.00	39.73 -0.36 0.00	34.49 -0.15 0.00	34.18 -0.09 0.00	36.52 -0.02 0.00	49.34 -0.22 0.00	45.95 -0.23 0.00	133.28 -1.14 0.00	66.31 -0.59 0.00	60.59 -0.70 0.00	114.27 -1.41 0.00	60.23 -0.65 0.00	49.62 -0.53 0.00	46.69 -0.45 0.00
ST_LAW_230_BK5_LBMP 345035	44.60 -0.18 0.00	44.28 0.00 0.00	44.81 -0.01 0.00	38.89 -0.02 0.00	45.51 0.04 0.00	46.69 -0.08 0.00	47.31 -0.44 0.00	50.79 -0.55 0.00	43.46 -0.36 0.00	33.17 -0.55 0.00	34.02 -0.54 0.00	39.79 -0.30 0.00	34.53 -0.11 0.00	34.22 -0.05 0.00	36.57 0.03 0.00	49.42 -0.14 0.00	46.01 -0.17 0.00	133.55 -0.87 0.00	66.43 -0.47 0.00	60.71 -0.59 0.00	114.49 -1.19 0.00	60.34 -0.55 0.00	49.71 -0.45 0.00	46.77 -0.38 0.00
ST_LAW_230_BK6_LBMP 345036	44.60 -0.18 0.00	44.28 0.00 0.00	44.81 -0.01 0.00	38.89 -0.02 0.00	45.51 0.04 0.00	46.69 -0.08 0.00	47.31 -0.44 0.00	50.79 -0.55 0.00	43.46 -0.36 0.00	33.17 -0.55 0.00	34.02 -0.54 0.00	39.79 -0.30 0.00	34.53 -0.11 0.00	34.22 -0.05 0.00	36.57 0.03 0.00	49.42 -0.14 0.00	46.01 -0.17 0.00	133.55 -0.87 0.00	66.43 -0.47 0.00	60.71 -0.59 0.00	114.49 -1.19 0.00	60.34 -0.55 0.00	49.71 -0.45 0.00	46.77 -0.38 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.62 1.80 -0.04	46.00 1.51 -0.21	46.20 1.38 0.00	40.05 1.14 0.00	46.73 1.25 0.00	48.20 1.43 0.00	49.82 2.07 0.00	53.86 2.52 0.00	46.18 2.36 0.00	36.97 2.24 -1.01	36.78 2.22 0.00	42.77 2.13 -0.55	36.32 1.55 -0.13	35.60 1.33 0.00	37.78 1.24 0.00	51.23 1.67 0.00	47.85 1.67 0.00	139.70 5.28 0.00	69.94 3.05 0.00	64.24 2.95 0.00	121.70 6.02 0.00	63.93 3.04 0.00	52.47 2.32 0.00	49.19 2.04 0.00
SWANROAD_115KV_TB1 355699	40.51 -3.95 0.32	39.12 -3.53 1.63	41.01 -3.82 0.00	35.60 -3.31 0.00	42.18 -3.29 0.00	43.94 -2.83 0.00	45.51 -2.24 0.00	48.48 -2.86 0.00	41.15 -2.67 0.00	32.22 -1.65 -0.14	32.68 -1.88 0.00	32.86 -2.88 4.36	31.54 -2.06 1.04	32.47 -1.80 0.00	34.69 -1.85 0.00	46.84 -2.72 0.00	43.07 -3.11 0.00	106.84 -11.30 16.28	59.74 -5.77 1.38	56.75 -4.54 0.00	106.28 -9.40 0.00	56.47 -4.42 0.00	46.97 -3.18 0.00	44.01 -3.13 0.00
SYNERGY___BIOGAS 323694	42.79 -1.72 0.27	41.44 -1.47 1.37	43.15 -1.67 0.00	37.44 -1.46 0.00	44.26 -1.21 0.00	46.08 -0.68 0.00	47.65 -0.10 0.00	50.57 -0.77 0.00	42.50 -1.33 0.00	32.91 -0.94 -0.13	33.37 -1.19 0.00	34.49 -1.95 3.65	32.41 -1.36 0.87	33.13 -1.14 0.00	35.44 -1.10 0.00	48.49 -1.07 0.00	45.01 -1.17 0.00	116.53 -4.48 13.41	63.75 -2.25 0.89	59.95 -1.35 0.00	112.64 -3.03 0.00	59.62 -1.27 0.00	49.31 -0.84 0.00	46.13 -1.01 0.00
SYRACUSE___ENERGY_ST1 323597	44.28 -0.45 0.05	43.55 -0.46 0.27	44.41 -0.42 0.00	38.54 -0.37 0.00	45.10 -0.37 0.00	46.50 -0.26 0.00	47.74 -0.02 0.00	51.20 -0.15 0.00	43.53 -0.29 0.00	33.70 -0.13 -0.11	34.30 -0.26 0.00	38.89 -0.49 0.71	34.07 -0.40 0.17	33.85 -0.42 0.00	36.11 -0.43 0.00	49.03 -0.52 0.00	45.70 -0.47 0.00	133.01 -1.41 0.00	66.14 -0.76 0.00	60.66 -0.63 0.00	114.38 -1.30 0.00	60.25 -0.64 0.00	49.54 -0.62 0.00	46.54 -0.61 0.00
SYRACUSE___ENERGY_ST2 323598	44.28 -0.45 0.05	43.55 -0.46 0.27	44.41 -0.42 0.00	38.54 -0.37 0.00	45.10 -0.37 0.00	46.50 -0.26 0.00	47.74 -0.02 0.00	51.20 -0.15 0.00	43.53 -0.29 0.00	33.70 -0.13 -0.11	34.30 -0.26 0.00	38.89 -0.49 0.71	34.07 -0.40 0.17	33.85 -0.42 0.00	36.11 -0.43 0.00	49.03 -0.52 0.00	45.70 -0.47 0.00	133.01 -1.41 0.00	66.14 -0.76 0.00	60.66 -0.63 0.00	114.38 -1.30 0.00	60.25 -0.64 0.00	49.54 -0.62 0.00	46.54 -0.61 0.00
SYRACUSE___POWER 24017	44.38 -0.39 0.00	43.85 -0.42 0.00	44.41 -0.41 0.00	38.55 -0.35 0.00	45.11 -0.37 0.00	46.51 -0.25 0.00	47.75 -0.01 0.00	51.27 -0.08 0.00	43.61 -0.21 0.00	33.75 -0.09 -0.11	34.36 -0.19 0.00	39.68 -0.42 0.00	34.29 -0.35 0.00	33.88 -0.39 0.00	36.13 -0.41 0.00	49.09 -0.47 0.00	45.78 -0.40 0.00	133.15 -1.27 0.00	66.21 -0.69 0.00	60.73 -0.56 0.00	114.52 -1.16 0.00	60.29 -0.60 0.00	49.56 -0.59 0.00	46.57 -0.58 0.00
TALLMAN__138KV_BK151 55660	46.83 2.01 -0.04	46.18 1.70 -0.20	46.36 1.54 0.00	40.17 1.26 0.00	46.87 1.40 0.00	48.36 1.60 0.00	50.04 2.29 0.00	54.14 2.79 0.00	46.41 2.58 0.00	37.22 2.47 -1.02	37.06 2.50 0.00	42.52 2.42 0.00	36.45 1.81 0.00	35.82 1.55 0.00	37.97 1.44 0.00	51.47 1.92 0.00	48.07 1.90 0.00	140.27 5.85 0.00	70.23 3.34 0.00	64.53 3.24 0.00	122.22 6.54 0.00	64.19 3.30 0.00	52.66 2.51 0.00	49.37 2.22 0.00
TEALLAVE_115KV_TB7 355573	44.13 -0.64 0.00	43.62 -0.67 0.00	44.18 -0.64 0.00	38.35 -0.55 0.00	44.86 -0.61 0.00	46.27 -0.50 0.00	47.48 -0.27 0.00	50.97 -0.37 0.00	43.39 -0.43 0.00	33.58 -0.23 -0.10	34.23 -0.34 0.00	39.52 -0.58 0.00	34.15 -0.49 0.00	33.75 -0.51 0.00	35.99 -0.55 0.00	48.89 -0.67 0.00	45.56 -0.61 0.00	132.50 -1.92 0.00	65.87 -1.03 0.00	60.38 -0.91 0.00	113.91 -1.77 0.00	59.97 -0.92 0.00	49.32 -0.83 0.00	46.34 -0.81 0.00
TELGRAPH_34_KV_EAST 80808	41.71 -2.78 0.29	40.34 -2.45 1.49	42.12 -2.70 0.00	36.55 -2.36 0.00	43.26 -2.22 0.00	45.05 -1.72 0.00	46.62 -1.13 0.00	49.62 -1.73 0.00	41.98 -1.84 0.00	32.70 -1.16 -0.14	33.19 -1.37 0.00	33.88 -2.25 3.97	32.11 -1.58 0.94	32.91 -1.36 0.00	35.21 -1.32 0.00	47.69 -1.88 0.00	44.08 -2.09 0.00	111.99 -7.73 14.69	61.83 -3.93 1.13	58.43 -2.86 0.00	109.59 -6.09 0.00	58.11 -2.78 0.00	48.17 -1.98 0.00	45.12 -2.03 0.00

TEMPLE___115KV_TB 2 55572	44.15 -0.62 0.00	43.63 -0.65 0.00	44.20 -0.62 0.00	38.36 -0.55 0.00	44.89 -0.59 0.00	46.28 -0.49 0.00	47.51 -0.24 0.00	51.01 -0.33 0.00	43.41 -0.41 0.00	33.61 -0.21 -0.10	34.25 -0.31 0.00	39.55 -0.55 0.00	34.17 -0.47 0.00	33.77 -0.50 0.00	36.02 -0.52 0.00	48.92 -0.64 0.00	45.59 -0.58 0.00	132.59 -1.83 0.00	65.91 -0.99 0.00	60.42 -0.87 0.00	113.94 -1.74 0.00	59.99 -0.90 0.00	49.33 -0.82 0.00	46.35 -0.80 0.00
TIANA___69_KV_BK 1 55817	47.17 2.39 0.00	46.13 1.85 0.00	46.58 1.75 0.00	40.42 1.51 0.00	46.96 1.48 0.00	48.75 1.99 0.00	50.63 2.89 0.00	54.48 3.13 0.00	50.94 3.41 -3.70	53.65 3.11 -16.81	57.72 3.32 -19.84	53.19 3.50 -9.59	46.91 2.73 -9.55	41.48 2.15 -5.07	40.37 2.08 -1.75	52.30 2.74 0.00	52.00 3.24 -2.58	142.62 8.20 0.00	71.21 4.31 0.00	65.89 4.60 0.00	123.91 8.24 0.00	65.25 4.36 0.00	54.26 4.03 -0.07	50.93 3.30 -0.48
TILDEN___115KV_TB1 80814	44.38 -0.39 0.00	43.85 -0.42 0.00	44.41 -0.41 0.00	38.55 -0.35 0.00	45.11 -0.37 0.00	46.51 -0.25 0.00	47.75 -0.01 0.00	51.27 -0.08 0.00	43.61 -0.21 0.00	33.75 -0.09 -0.11	34.36 -0.19 0.00	39.68 -0.42 0.00	34.29 -0.35 0.00	33.88 -0.39 0.00	36.13 -0.41 0.00	49.09 -0.47 0.00	45.78 -0.40 0.00	133.15 -1.27 0.00	66.21 -0.69 0.00	60.73 -0.56 0.00	114.52 -1.16 0.00	60.29 -0.60 0.00	49.56 -0.59 0.00	46.57 -0.58 0.00
TRIGEN___CC 323695	47.20 2.42 0.00	46.25 1.97 0.00	46.71 1.88 0.00	40.52 1.62 0.00	47.13 1.65 0.00	48.70 1.93 0.00	50.36 2.61 0.00	54.22 2.88 0.00	53.37 3.11 -6.44	65.14 2.94 -28.47	72.02 2.94 -34.52	59.72 2.93 -16.69	53.56 2.32 -16.61	45.03 1.95 -8.81	41.47 1.89 -3.05	51.90 2.34 0.00	53.07 2.41 -4.49	140.33 5.91 0.00	70.07 3.18 0.00	64.64 3.35 0.00	122.13 6.45 0.00	64.35 3.46 0.00	53.19 2.92 -0.13	50.60 2.62 -0.84
TRINITY___115KV___ 4 BK 55933	45.38 0.61 0.00	44.73 0.46 0.00	45.23 0.41 0.00	39.39 0.48 0.00	45.84 0.37 0.00	47.24 0.48 0.00	48.66 0.91 0.00	52.52 1.18 0.00	44.91 1.09 -1.19	35.95 1.04 0.00	35.58 1.02 0.00	40.95 0.85 0.00	35.07 0.43 0.00	34.71 0.44 0.00	36.94 0.40 0.00	50.28 0.72 0.00	46.80 0.62 0.00	136.37 1.96 0.00	68.00 1.10 0.00	62.39 1.10 0.00	117.90 2.22 0.00	62.07 1.17 0.00	51.10 0.95 0.00	47.98 0.84 0.00
UNION___PROCESSING_DRP 323587	43.20 -1.38 0.19	42.03 -1.27 0.98	43.45 -1.38 0.00	37.70 -1.21 0.00	44.38 -1.10 0.00	45.99 -0.77 0.00	47.37 -0.38 0.00	50.62 -0.73 0.00	42.89 -0.94 0.00	33.30 -0.54 -0.12	33.86 -0.70 0.00	36.28 -1.20 2.61	33.13 -0.89 0.62	33.50 -0.77 0.00	35.83 -0.71 0.00	48.62 -0.94 0.00	45.25 -0.92 0.00	122.01 -3.25 9.16	65.22 -1.67 0.00	60.10 -1.19 0.00	113.08 -2.60 0.00	59.69 -1.21 0.00	49.18 -0.97 0.00	46.11 -1.04 0.00
UPPER HUDSON___HYD 24058	46.16 1.38 0.00	45.42 1.15 0.00	46.03 1.21 0.00	39.98 1.07 0.00	46.75 1.27 0.00	48.26 1.50 0.00	50.47 2.72 0.00	54.49 3.15 0.00	46.49 2.67 0.00	37.12 2.18 -1.22	36.74 2.18 0.00	42.15 2.06 0.00	35.89 1.26 0.00	35.54 1.28 0.00	37.84 1.30 0.00	51.36 1.80 0.00	47.87 1.70 0.00	140.19 5.78 0.00	70.35 3.46 0.00	64.98 3.68 0.00	122.74 7.06 0.00	64.96 4.07 0.00	53.30 3.15 0.00	50.02 2.88 0.00
UPPER RAQUET___HYD 24056	43.88 -0.90 0.00	43.56 -0.72 0.00	44.08 -0.74 0.00	38.23 -0.68 0.00	44.69 -0.79 0.00	45.85 -0.91 0.00	46.40 -1.36 0.00	49.79 -1.55 0.00	42.60 -1.23 0.00	31.99 -1.75 -0.02	32.70 -1.86 0.00	38.69 -1.40 0.00	33.50 -1.14 0.00	33.16 -1.11 0.00	35.42 -1.12 0.00	47.81 -1.75 0.00	44.73 -1.45 0.00	129.77 -4.65 0.00	64.73 -2.17 0.00	59.25 -2.04 0.00	112.02 -3.66 0.00	59.23 -1.66 0.00	48.74 -1.41 0.00	45.81 -1.33 0.00
VALLEY44___115KV_TB2 355964	42.16 -2.20 0.42	39.99 -2.12 2.17	42.50 -2.32 0.00	36.88 -2.03 0.00	43.64 -1.84 0.00	45.29 -1.48 0.00	46.99 -0.76 0.00	50.06 -1.28 0.00	42.40 -1.42 -0.16	33.05 -0.84 0.00	33.60 -0.96 0.00	32.39 -1.90 5.80	31.74 -1.52 1.38	32.95 -1.32 0.00	35.10 -1.44 0.00	47.40 -2.16 0.00	43.73 -2.45 0.00	104.08 -8.18 22.16	62.38 -3.68 0.83	58.92 -2.37 0.00	110.28 -5.40 0.00	58.38 -2.51 0.00	48.06 -2.09 0.00	45.11 -2.03 0.00
VALLEY___115KV_TB 1-4 80826	45.53 0.75 0.00	44.66 0.38 0.00	45.15 0.33 0.00	39.23 0.32 0.00	45.73 0.25 0.00	47.08 0.32 0.00	48.64 0.89 0.00	52.25 0.90 0.00	44.11 0.29 0.00	34.20 0.47 0.00	34.99 0.43 0.00	39.68 -0.41 0.00	33.97 -0.66 0.00	33.31 -0.96 0.00	35.57 -0.97 0.00	48.95 -0.61 0.00	45.57 -0.61 0.00	134.74 0.33 0.00	67.47 0.57 0.00	62.73 1.43 0.00	118.58 2.90 0.00	62.15 1.26 0.00	51.18 1.03 0.00	48.08 0.93 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.84 1.94 -0.12	46.60 1.72 -0.60	46.53 1.70 0.00	40.32 1.42 0.00	47.20 1.72 0.00	48.83 2.06 0.00	52.32 4.57 0.00	56.16 4.82 0.00	47.58 3.75 0.00	36.69 2.72 -0.25	37.13 2.58 0.00	45.26 2.43 -2.74	37.15 1.86 -0.65	36.03 1.76 0.00	38.62 2.08 0.00	53.01 3.45 0.00	49.58 3.41 0.00	159.91 9.85 -15.65	72.23 5.34 0.00	66.88 5.59 0.00	125.19 9.51 0.00	64.19 3.30 0.00	52.81 2.66 0.00	49.58 2.44 0.00
VISCHER___FERRY HYD 24020	46.17 1.39 0.00	45.53 1.25 0.00	45.99 1.17 0.00	39.93 1.02 0.00	46.62 1.14 0.00	48.02 1.26 0.00	49.40 1.65 0.00	53.21 1.87 0.00	45.44 1.62 0.00	36.36 1.44 -1.20	35.98 1.42 0.00	41.39 1.30 0.00	35.43 0.80 0.00	35.15 0.88 0.00	37.40 0.86 0.00	50.89 1.33 0.00	47.33 1.15 0.00	138.19 3.77 0.00	68.89 2.00 0.00	63.37 2.08 0.00	119.80 4.12 0.00	63.14 2.25 0.00	51.98 1.83 0.00	48.86 1.71 0.00
V_A_10_SYNC_DSASP 323832	41.55 -2.94 0.28	40.17 -2.67 1.44	41.95 -2.87 0.00	36.42 -2.49 0.00	43.06 -2.42 0.00	44.78 -1.99 0.00	46.31 -1.44 0.00	49.44 -1.90 0.00	41.97 -1.85 0.00	32.73 -1.13 -0.13	33.22 -1.34 0.00	34.05 -2.20 3.84	32.10 -1.63 0.91	32.84 -1.43 0.00	35.07 -1.47 0.00	47.39 -2.17 0.00	43.83 -2.34 0.00	112.03 -8.18 14.21	61.64 -4.20 1.06	58.08 -3.21 0.00	108.94 -6.74 0.00	57.74 -3.15 0.00	47.79 -2.36 0.00	44.82 -2.33 0.00
V_CMM_10_SYNC_DSASP 323787	44.74 -0.04 0.00	44.42 0.14 0.00	44.97 0.15 0.00	39.01 0.11 0.00	45.64 0.17 0.00	46.78 0.01 0.00	47.38 -0.37 0.00	50.79 -0.56 0.00	43.56 -0.27 0.00	33.21 -0.51 0.00	34.08 -0.48 0.00	39.90 -0.20 0.00	34.63 -0.01 0.00	34.33 0.07 0.00	36.68 0.14 0.00	49.52 -0.04 0.00	46.03 -0.14 0.00	133.33 -1.09 0.00	66.35 -0.54 0.00	60.61 -0.68 0.00	114.32 -1.36 0.00	60.26 -0.63 0.00	49.63 -0.52 0.00	46.76 -0.39 0.00
V_CMP_10_SYNC_DSASP 323788	45.39 0.61 0.00	44.97 0.69 0.00	45.54 0.72 0.00	39.53 0.62 0.00	46.25 0.77 0.00	47.54 0.78 0.00	48.34 0.59 0.00	51.93 0.59 0.00	44.47 0.65 0.00	33.97 0.24 0.00	34.74 0.18 0.00	40.38 0.29 0.00	34.98 0.34 0.00	34.73 0.46 0.00	37.14 0.61 0.00	50.18 0.62 0.00	46.81 0.64 0.00	135.97 1.55 0.00	67.77 0.87 0.00	61.86 0.57 0.00	116.71 1.03 0.00	61.55 0.66 0.00	50.60 0.45 0.00	47.52 0.38 0.00

V_D_10_SYNC_DSASP 323841	44.82 0.04 0.00	44.50 0.22 0.00	45.05 0.23 0.00	39.08 0.17 0.00	45.74 0.26 0.00	46.93 0.17 0.00	47.52 -0.23 0.00	51.00 -0.34 0.00	43.68 -0.14 0.00	33.01 -0.71 0.00	33.83 -0.73 0.00	39.88 -0.22 0.00	34.61 -0.02 0.00	34.30 0.03 0.00	36.65 0.12 0.00	49.48 -0.08 0.00	46.16 -0.01 0.00	133.81 -0.61 0.00	66.61 -0.28 0.00	60.90 -0.40 0.00	114.86 -0.82 0.00	60.58 -0.31 0.00	49.89 -0.26 0.00	46.96 -0.19 0.00
V_E_10_SYNC_DSASP 323830	48.07 3.23 -0.07	47.51 2.89 -0.34	47.79 2.96 0.00	41.37 2.47 0.00	48.44 2.96 0.00	49.99 3.23 0.00	52.14 4.38 0.00	55.61 4.26 0.00	46.51 2.69 0.00	35.57 1.52 -0.33	35.46 0.90 0.00	42.14 0.80 -1.25	35.31 0.37 -0.30	34.86 0.59 0.00	37.77 1.24 0.00	51.88 2.32 0.00	49.12 2.94 0.00	152.30 8.35 -9.54	71.79 4.63 -0.26	65.99 4.70 0.00	125.12 9.44 0.00	65.15 4.26 0.00	53.01 2.86 0.00	49.89 2.75 0.00
V_F_30_NSYNC___DSASP 323816	46.47 1.69 0.00	45.79 1.51 0.00	46.32 1.50 0.00	40.22 1.31 0.00	47.01 1.54 0.00	48.47 1.71 0.00	50.06 2.31 0.00	53.93 2.59 0.00	45.99 2.17 0.00	36.73 1.80 -1.21	36.32 1.76 0.00	41.77 1.67 0.00	35.69 1.06 0.00	35.31 1.05 0.00	37.59 1.06 0.00	51.13 1.57 0.00	47.65 1.47 0.00	139.49 5.07 0.00	69.81 2.91 0.00	64.36 3.07 0.00	121.59 5.91 0.00	64.11 3.21 0.00	52.68 2.53 0.00	49.47 2.32 0.00
V_F_30_SYNC_DSASP 323786	45.57 0.79 0.00	44.92 0.64 0.00	45.43 0.60 0.00	39.55 0.64 0.00	46.04 0.56 0.00	47.45 0.68 0.00	48.86 1.11 0.00	52.74 1.39 0.00	45.08 1.26 0.00	36.08 1.16 -1.19	35.72 1.16 0.00	41.09 1.00 0.00	35.19 0.55 0.00	34.82 0.55 0.00	37.06 0.53 0.00	50.40 0.84 0.00	46.89 0.71 0.00	136.73 2.31 0.00	68.21 1.32 0.00	62.71 1.41 0.00	118.49 2.81 0.00	62.37 1.48 0.00	51.34 1.19 0.00	48.21 1.06 0.00
V_XM_10_SYNC_DSASP 323789	45.39 0.61 0.00	44.97 0.69 0.00	45.54 0.72 0.00	39.53 0.62 0.00	46.25 0.77 0.00	47.54 0.78 0.00	48.34 0.59 0.00	51.93 0.59 0.00	44.47 0.65 0.00	33.97 0.24 0.00	34.74 0.18 0.00	40.38 0.29 0.00	34.98 0.34 0.00	34.73 0.46 0.00	37.14 0.61 0.00	50.18 0.62 0.00	46.81 0.64 0.00	135.97 1.55 0.00	67.77 0.87 0.00	61.86 0.57 0.00	116.71 1.03 0.00	61.55 0.66 0.00	50.60 0.45 0.00	47.52 0.38 0.00
W.BABYLN_69_KV_BK1 56697	47.68 2.91 0.00	46.67 2.39 0.00	47.07 2.25 0.00	40.86 1.95 0.00	47.47 1.99 0.00	49.10 2.33 0.00	50.81 3.06 0.00	54.69 3.34 0.00	51.55 3.59 -4.14	55.69 3.28 -18.68	60.10 3.34 -22.20	54.24 3.41 -10.73	48.04 2.72 -10.68	42.23 2.29 -5.67	40.72 2.23 -1.96	52.33 2.77 0.00	51.98 2.92 -2.89	141.64 7.22 0.00	70.63 3.73 0.00	65.25 3.96 0.00	123.17 7.49 0.00	64.91 4.02 0.00	53.72 3.49 -0.08	50.83 3.15 -0.54
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.96 2.18 0.00	46.13 1.85 0.00	46.52 1.70 0.00	40.31 1.41 0.00	47.02 1.55 0.00	48.54 1.77 0.00	50.21 2.46 0.00	54.32 2.97 0.00	46.58 2.75 0.00	37.34 2.60 -1.03	37.19 2.63 0.00	42.67 2.58 0.00	36.57 1.93 0.00	35.94 1.67 0.00	38.11 1.57 0.00	51.67 2.11 0.00	48.24 2.07 0.00	140.81 6.39 0.00	70.50 3.61 0.00	64.78 3.49 0.00	122.72 7.05 0.00	64.45 3.56 0.00	52.87 2.72 0.00	49.55 2.40 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.99 2.21 0.00	46.19 1.91 0.00	46.61 1.79 0.00	40.39 1.49 0.00	47.10 1.63 0.00	48.61 1.85 0.00	50.28 2.53 0.00	54.45 3.11 0.00	46.81 3.59 0.00	37.67 2.90 -1.04	37.56 3.01 0.00	43.08 2.98 0.00	36.89 2.25 0.00	36.09 1.82 0.00	38.21 1.68 0.00	51.84 2.28 0.00	48.41 2.23 0.00	141.33 6.91 0.00	70.76 3.87 0.00	64.91 3.62 0.00	123.10 7.42 0.00	64.70 3.80 0.00	53.05 2.90 0.00	49.67 2.53 0.00
W50THST__13_KV_LOAD 356117	47.18 2.40 0.00	46.37 2.09 0.00	46.79 1.97 0.00	40.55 1.64 0.00	47.29 1.81 0.00	48.80 2.04 0.00	50.50 2.75 0.00	54.69 3.35 0.00	47.03 3.21 0.00	37.84 3.07 -1.04	37.75 3.19 0.00	43.29 3.20 0.00	37.06 2.43 0.00	36.27 2.00 0.00	38.39 1.86 0.00	52.09 2.53 0.00	48.64 2.46 0.00	141.98 7.56 0.00	71.09 4.19 0.00	65.21 3.91 0.00	123.65 7.97 0.00	64.98 4.10 0.00	53.28 3.12 0.00	49.89 2.74 0.00
WADING RIVER_IC_1 23522	47.22 2.45 0.00	46.21 1.94 0.00	46.62 1.79 0.00	40.49 1.58 0.00	46.99 1.51 0.00	48.68 1.92 0.00	50.46 2.71 0.00	54.26 2.92 0.00	50.68 3.16 -3.70	53.48 2.95 -16.80	57.47 3.08 -19.83	52.89 3.21 -9.59	46.57 2.39 -9.54	41.17 1.84 -5.06	40.15 1.86 -1.75	51.90 2.34 0.00	51.43 2.67 -2.58	140.86 6.44 0.00	70.25 3.36 0.00	64.95 3.65 0.00	122.41 6.73 0.00	64.46 3.57 0.00	53.63 3.41 -0.07	50.33 2.71 -0.48
WADING RIVER_IC_2 23547	47.22 2.45 0.00	46.21 1.94 0.00	46.62 1.79 0.00	40.49 1.58 0.00	46.99 1.51 0.00	48.68 1.92 0.00	50.46 2.71 0.00	54.26 2.92 0.00	50.68 3.16 -3.70	53.48 2.95 -16.80	57.47 3.08 -19.83	52.89 3.21 -9.59	46.57 2.39 -9.54	41.17 1.84 -5.06	40.15 1.86 -1.75	51.90 2.34 0.00	51.43 2.67 -2.58	140.86 6.44 0.00	70.25 3.36 0.00	64.95 3.65 0.00	122.41 6.73 0.00	64.46 3.57 0.00	53.63 3.41 -0.07	50.33 2.71 -0.48
WADING RIVER_IC_3 23601	47.22 2.45 0.00	46.21 1.94 0.00	46.62 1.79 0.00	40.49 1.58 0.00	46.99 1.51 0.00	48.68 1.92 0.00	50.46 2.71 0.00	54.26 2.92 0.00	50.68 3.16 -3.70	53.48 2.95 -16.80	57.47 3.08 -19.83	52.89 3.21 -9.59	46.57 2.39 -9.54	41.17 1.84 -5.06	40.15 1.86 -1.75	51.90 2.34 0.00	51.43 2.67 -2.58	140.86 6.44 0.00	70.25 3.36 0.00	64.95 3.65 0.00	122.41 6.73 0.00	64.46 3.57 0.00	53.63 3.41 -0.07	50.33 2.71 -0.48
WALDENNY_12_KV_BK2 80841	41.60 -2.82 0.36	39.91 -2.51 1.85	42.05 -2.77 0.00	36.48 -2.43 0.00	43.19 -2.29 0.00	44.99 -1.77 0.00	46.69 -1.06 0.00	49.77 -1.58 0.00	42.24 -1.58 0.00	32.85 -1.02 -0.15	33.34 -1.22 0.00	33.01 -2.14 4.95	31.91 -1.55 1.18	32.93 -1.34 0.00	35.18 -1.36 0.00	47.48 -2.08 0.00	43.88 -2.29 0.00	107.45 -8.28 18.69	61.14 -4.02 1.74	58.46 -2.84 0.00	109.46 -6.22 0.00	58.10 -2.79 0.00	48.10 -2.05 0.00	45.09 -2.06 0.00
WALDEN___HYDRO 24148	46.79 1.97 -0.04	46.15 1.67 -0.20	46.38 1.56 0.00	40.20 1.30 0.00	46.90 1.42 0.00	48.39 1.63 0.00	50.01 2.26 0.00	54.06 2.72 0.00	46.35 2.53 0.00	37.12 2.37 -1.02	36.90 2.35 0.00	42.35 2.25 0.00	36.26 1.63 0.00	35.67 1.40 0.00	37.86 1.32 0.00	51.37 1.81 0.00	47.99 1.81 0.00	140.21 5.79 0.00	70.23 3.33 0.00	64.54 3.25 0.00	122.26 6.58 0.00	64.25 3.36 0.00	52.72 2.57 0.00	49.40 2.26 0.00
WARRENSBURG____ 23737	46.16 1.38 0.00	45.42 1.15 0.00	46.03 1.21 0.00	39.98 1.07 0.00	46.76 1.29 0.00	48.26 1.50 0.00	50.48 2.72 0.00	54.49 3.15 0.00	46.49 2.67 0.00	37.12 2.18 -1.22	36.74 2.18 0.00	42.16 2.06 0.00	35.90 1.26 0.00	35.54 1.28 0.00	37.84 1.30 0.00	51.37 1.81 0.00	47.87 1.69 0.00	140.19 5.78 0.00	70.36 3.46 0.00	64.98 3.68 0.00	122.74 7.06 0.00	64.97 4.08 0.00	53.29 3.14 0.00	50.02 2.87 0.00

WATERSIDE___6 8 9 23538	46.90 2.13 0.00	46.13 1.85 0.00	46.54 1.71 0.00	40.32 1.41 0.00	47.00 1.52 0.00	48.49 1.73 0.00	50.16 2.40 0.00	54.29 2.95 0.00	46.72 2.89 0.00	37.62 2.86 -1.04	37.51 2.95 0.00	43.02 2.93 0.00	36.82 2.19 0.00	36.02 1.75 0.00	38.10 1.56 0.00	51.71 2.15 0.00	48.30 2.13 0.00	140.91 6.49 0.00	70.56 3.66 0.00	64.71 3.42 0.00	122.85 7.17 0.00	64.55 3.66 0.00	52.92 2.77 0.00	49.54 2.39 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.77 1.00 0.00	44.73 0.45 0.00	45.18 0.36 0.00	39.26 0.36 0.00	45.71 0.24 0.00	47.12 0.36 0.00	48.98 1.23 0.00	52.58 1.23 0.00	44.12 0.30 0.00	34.37 0.65 0.00	35.15 0.60 0.00	39.31 -0.79 0.00	33.40 -1.24 0.00	32.62 -1.64 0.00	34.82 -1.71 0.00	48.23 -1.34 0.00	44.87 -1.31 0.00	134.30 -0.12 0.00	67.47 0.57 0.00	63.34 2.05 0.00	119.94 4.26 0.00	62.79 1.90 0.00	51.71 1.56 0.00	48.56 1.41 0.00
WDELAWARE___HYD 323627	46.26 1.44 -0.05	45.64 1.11 -0.24	45.81 0.98 0.00	39.71 0.81 0.00	46.33 0.86 0.00	47.83 1.06 0.00	49.43 1.68 0.00	53.45 2.11 0.00	45.80 1.98 0.00	36.51 1.82 -0.96	36.29 1.73 0.00	42.24 1.47 -0.67	35.75 0.95 -0.16	35.06 0.79 0.00	37.28 0.74 0.00	50.59 1.03 0.00	47.33 1.16 0.00	138.56 4.14 0.00	69.47 2.57 0.00	63.96 2.67 0.00	121.17 5.49 0.00	63.62 2.73 0.00	52.18 2.03 0.00	48.88 1.74 0.00
WEST BABYLON___IC 23714	47.68 2.91 0.00	46.67 2.39 0.00	47.07 2.25 0.00	40.86 1.95 0.00	47.47 1.99 0.00	49.10 2.33 0.00	50.81 3.06 0.00	54.69 3.34 0.00	51.55 3.59 -4.14	55.69 3.28 -18.68	60.10 3.34 -22.20	54.24 3.41 -10.73	48.04 2.72 -10.68	42.23 2.29 -5.67	40.72 2.23 -1.96	52.33 2.77 0.00	51.98 2.92 -2.89	141.64 7.22 0.00	70.63 3.73 0.00	65.25 3.96 0.00	123.17 7.49 0.00	64.91 4.02 0.00	53.72 3.49 -0.08	50.83 3.15 -0.54
WEST CANADA___HYD 24049	44.87 0.09 0.00	44.32 0.04 0.00	44.84 0.02 0.00	38.94 0.04 0.00	45.48 0.00 0.00	46.82 0.05 0.00	47.94 0.18 0.00	51.57 0.23 0.00	44.01 0.18 0.00	33.94 0.21 0.00	34.76 0.20 0.00	40.20 0.10 0.00	34.64 0.00 0.00	34.27 0.00 0.00	36.52 -0.02 0.00	49.59 0.03 0.00	46.22 0.05 0.00	134.67 0.25 0.00	67.04 0.14 0.00	61.47 0.18 0.00	116.09 0.42 0.00	61.09 0.20 0.00	50.30 0.15 0.00	47.28 0.13 0.00
WESTERN_NY_WIND 24143	42.71 -1.79 0.27	41.35 -1.53 1.41	43.06 -1.76 0.00	37.37 -1.53 0.00	44.20 -1.28 0.00	46.01 -0.76 0.00	47.58 -0.17 0.00	50.51 -0.83 0.00	42.44 -1.39 0.00	32.88 -0.98 -0.13	33.35 -1.22 0.00	34.35 -1.99 3.75	32.35 -1.40 0.89	33.10 -1.17 0.00	35.41 -1.13 0.00	48.44 -1.12 0.00	44.93 -1.25 0.00	115.84 -4.76 13.81	63.55 -2.38 0.97	59.84 -1.45 0.00	112.40 -3.28 0.00	59.52 -1.37 0.00	49.22 -0.93 0.00	46.06 -1.08 0.00
WESTOVER___LESR 323668	45.32 0.16 -0.39	46.33 0.04 -2.01	44.83 0.01 0.00	38.90 -0.01 0.00	45.54 0.06 0.00	46.98 0.22 0.00	48.47 0.72 0.00	52.06 0.71 0.00	44.25 0.43 0.00	34.47 0.40 -0.34	34.88 0.32 0.00	45.66 0.05 -5.51	35.92 -0.03 -1.31	33.91 -0.35 0.00	36.11 -0.43 0.00	49.07 -0.49 0.00	45.74 -0.43 0.00	162.93 -1.56 -30.07	66.30 -0.60 0.00	61.10 -0.20 0.00	114.83 -0.86 0.00	60.38 -0.51 0.00	49.58 -0.57 0.00	46.60 -0.54 0.00
WETHRSFD_WT_PWR 323626	41.66 -2.67 0.44	39.43 -2.60 2.25	41.93 -2.90 0.00	36.30 -2.61 0.00	43.07 -2.40 0.00	44.83 -1.94 0.00	46.52 -1.23 0.00	49.49 -1.85 0.00	41.81 -2.02 0.00	32.28 -1.61 -0.17	32.61 -1.95 0.00	31.08 -2.99 6.02	30.76 -2.45 1.43	32.03 -2.24 0.00	34.34 -2.20 0.00	46.56 -3.00 0.00	43.19 -2.99 0.00	101.50 -9.90 23.02	56.80 -4.51 5.59	58.44 -2.86 0.00	109.38 -6.30 0.00	58.01 -2.88 0.00	47.95 -2.21 0.00	44.99 -2.16 0.00
WHAVSTOR_138KV_BK127 55557	46.73 1.96 0.00	45.91 1.64 0.00	46.32 1.50 0.00	40.14 1.24 0.00	46.83 1.35 0.00	48.31 1.55 0.00	49.98 2.23 0.00	54.06 2.71 0.00	46.36 2.53 0.00	37.18 2.43 -1.03	37.03 2.47 0.00	42.48 2.39 0.00	36.41 1.77 0.00	35.77 1.50 0.00	37.93 1.39 0.00	51.42 1.86 0.00	48.00 1.83 0.00	140.11 5.69 0.00	70.15 3.25 0.00	64.43 3.14 0.00	122.04 6.36 0.00	64.12 3.23 0.00	52.61 2.46 0.00	49.31 2.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.73 1.96 0.00	45.91 1.64 0.00	46.32 1.50 0.00	40.14 1.24 0.00	46.83 1.35 0.00	48.31 1.55 0.00	49.98 2.23 0.00	54.06 2.71 0.00	46.36 2.53 0.00	37.18 2.43 -1.03	37.03 2.47 0.00	42.48 2.39 0.00	36.41 1.77 0.00	35.77 1.50 0.00	37.93 1.39 0.00	51.42 1.86 0.00	48.00 1.83 0.00	140.11 5.69 0.00	70.15 3.25 0.00	64.43 3.14 0.00	122.04 6.36 0.00	64.12 3.23 0.00	52.61 2.46 0.00	49.31 2.16 0.00
WHITEHAL_115KV_TB1 80871	47.27 2.49 0.00	46.47 2.20 0.00	47.24 2.42 0.00	41.01 2.11 0.00	48.05 2.57 0.00	49.57 2.81 0.00	51.17 3.42 0.00	54.99 3.65 0.00	47.09 3.26 0.00	37.57 2.63 -1.22	37.28 2.72 0.00	42.69 2.59 0.00	35.85 1.21 0.00	35.88 1.61 0.00	38.34 1.81 0.00	52.48 2.92 0.00	48.92 2.74 0.00	142.78 8.36 0.00	72.18 5.28 0.00	66.83 5.54 0.00	125.86 10.18 0.00	66.60 5.71 0.00	54.43 4.27 0.00	50.74 3.60 0.00
WHITEPLN_13_KV_LOAD 356215	47.15 2.38 0.00	46.33 2.06 0.00	46.75 1.93 0.00	40.51 1.61 0.00	47.26 1.78 0.00	48.78 2.02 0.00	50.45 2.70 0.00	54.58 3.24 0.00	46.87 3.05 0.00	37.62 2.85 -1.04	37.47 2.91 0.00	43.01 2.91 0.00	36.81 2.18 0.00	36.11 1.84 0.00	38.29 1.75 0.00	51.95 2.39 0.00	48.51 2.33 0.00	141.51 7.10 0.00	70.90 4.00 0.00	65.13 3.84 0.00	123.44 7.75 0.00	64.87 3.97 0.00	53.19 3.04 0.00	49.83 2.68 0.00
WM_FLOYD_69_KV_BK2 356380	47.31 2.53 0.00	46.26 1.99 0.00	46.68 1.86 0.00	40.55 1.64 0.00	47.06 1.58 0.00	48.72 1.95 0.00	50.47 2.72 0.00	54.28 2.93 0.00	50.76 3.23 -3.70	53.57 3.01 -16.84	57.49 3.06 -19.88	52.89 3.18 -9.61	46.65 2.45 -9.56	41.31 1.96 -5.08	40.20 1.91 -1.75	51.91 2.35 0.00	51.44 2.68 -2.58	140.82 6.40 0.00	70.19 3.29 0.00	64.92 3.62 0.00	122.43 6.75 0.00	64.48 3.59 0.00	53.55 3.33 -0.07	50.40 2.77 -0.48
WOODARD__115KV_TB2 355635	44.02 -0.71 0.04	43.34 -0.73 0.20	44.13 -0.69 0.00	38.29 -0.62 0.00	44.80 -0.68 0.00	46.18 -0.58 0.00	47.38 -0.37 0.00	50.88 -0.47 0.00	43.31 -0.51 0.00	33.53 -0.29 -0.10	34.16 -0.40 0.00	39.46 -0.63 0.00	34.10 -0.53 0.00	33.70 -0.57 0.00	35.93 -0.60 0.00	48.80 -0.76 0.00	45.49 -0.69 0.00	132.31 -2.11 0.00	65.75 -1.15 0.00	60.27 -1.02 0.00	113.68 -2.00 0.00	59.86 -1.03 0.00	49.23 -0.92 0.00	46.25 -0.89 0.00
YORK___WARBASSE 23770	47.22 2.44 0.00	46.41 2.13 0.00	46.72 1.90 0.00	40.47 1.56 0.00	47.18 1.71 0.00	48.70 1.93 0.00	50.40 2.65 0.00	54.59 3.25 0.00	46.94 3.11 0.00	37.79 3.02 -1.04	37.65 3.09 0.00	43.18 3.09 0.00	36.96 2.32 0.00	36.16 1.89 0.00	38.25 1.71 0.00	51.93 2.37 0.00	48.48 2.30 0.00	141.45 7.04 0.00	70.92 4.02 0.00	65.06 3.77 0.00	123.52 7.84 0.00	64.86 3.97 0.00	53.19 3.04 0.00	49.81 2.66 0.00