

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										06/19/2025			
Generator Data																									
Name	PTID	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
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
		48.37	45.50	40.81	40.01	40.11	45.60	43.02	35.05	41.10	49.34	47.92	48.79	51.08	50.48	53.59	55.48	52.61	59.84	54.41	51.18	54.07	52.71	45.17	47.55
		1.93	1.49	1.39	1.52	1.49	1.92	2.30	2.17	2.69	3.28	3.50	3.93	3.87	4.33	4.82	5.02	4.41	4.38	3.94	3.31	3.17	2.90	2.98	2.98
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-2.70	-7.88	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		48.49	45.63	40.93	40.11	40.21	45.71	43.08	35.09	41.12	49.36	47.93	48.80	51.13	50.51	53.60	55.60	52.71	59.94	54.55	51.30	54.21	52.85	45.25	47.62
		2.04	1.62	1.51	1.62	1.59	2.03	2.36	2.21	2.70	3.29	3.51	3.94	3.91	4.36	4.83	5.13	4.51	4.49	4.07	3.44	3.32	3.05	3.06	3.05
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-2.70	-7.86	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		48.49	45.63	40.93	40.11	40.21	45.71	43.08	35.09	41.12	49.36	47.93	48.80	51.13	50.51	53.60	55.60	52.71	59.94	54.55	51.30	54.21	52.85	45.25	47.62
		2.04	1.62	1.51	1.62	1.59	2.03	2.36	2.21	2.70	3.29	3.51	3.94	3.91	4.36	4.83	5.13	4.51	4.49	4.07	3.44	3.32	3.05	3.06	3.05
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.27	-2.70	-7.86	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		48.37	45.46	40.81	39.94	40.07	45.23	42.33	34.27	39.98	47.63	45.75	46.32	48.81	48.13	51.39	52.91	48.36	51.71	53.74	50.98	53.96	52.45	44.54	47.18
		1.93	1.45	1.39	1.45	1.45	1.55	1.61	1.39	1.56	1.57	1.33	1.46	1.60	1.97	2.62	2.70	2.69	3.05	3.27	3.11	3.06	2.64	2.35	2.61
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.17	-1.07	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		49.58	46.21	41.45	40.58	40.75	46.08	43.21	35.09	41.13	48.81	46.46	46.96	49.40	48.63	52.37	53.80	49.43	52.84	55.21	52.32	55.42	53.76	45.73	48.39
		3.14	2.20	2.03	2.09	2.13	2.40	2.49	2.22	2.72	2.75	2.04	2.10	2.19	2.47	3.60	3.59	3.78	4.21	4.74	4.46	4.52	3.96	3.53	3.82
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	-1.05	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		48.37	45.46	40.81	39.94	40.07	45.23	42.33	34.27	39.98	47.63	45.75	46.32	48.81	48.13	51.39	52.91	48.36	51.71	53.74	50.98	53.96	52.45	44.54	47.18
		1.93	1.45	1.39	1.45	1.45	1.55	1.61	1.39	1.56	1.57	1.33	1.46	1.60	1.97	2.62	2.70	2.69	3.05	3.27	3.11	3.06	2.64	2.35	2.61
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.17	-1.07	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		48.23	45.28	40.75	39.82	39.91	45.24	42.30	34.21	39.99	47.59	45.68	46.15	48.50	47.78	50.93	52.40	48.07	51.54	52.90	50.11	52.95	51.74	44.21	46.84
		1.79	1.27	1.33	1.33	1.28	1.55	1.59	1.33	1.57	1.53	1.26	1.30	1.28	1.62	2.16	2.16	2.08	2.41	2.43	2.24	2.06	1.93	2.02	2.27
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.05	-0.48	-1.54	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		46.44	43.77	39.39	38.56	38.60	43.72	40.90	33.12	38.73	46.29	44.61	45.13	47.46	46.66	49.51	51.09	46.42	49.57	51.24	48.52	51.32	50.07	42.64	45.04
		0.00	-0.24	-0.03	0.07	-0.02	0.03	0.18	0.24	0.31	0.22	0.19	0.28	0.24	0.51	0.74	0.87	0.76	0.87	0.76	0.65	0.43	0.27	0.45	0.47
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	-1.11	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		47.19	44.77	40.06	38.98	39.15	44.32	41.29	33.29	38.90	46.70	44.93	45.29	47.74	46.34	48.75	50.05	45.50	47.57	50.56	48.02	51.31	50.42	42.41	44.90
		0.74	0.76	0.64	0.49	0.53	0.64	0.57	0.40	0.48	0.63	0.51	0.44	0.52	0.18	-0.02	-0.14	0.00	-0.01	0.08	0.16	0.41	0.62	0.22	0.33
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		47.42	44.69	40.20	39.39	39.43	44.71	41.75	33.76	39.35	46.85	44.78	45.23	47.49	46.31	49.00	50.92	46.00	47.99	51.01	48.69	51.59	50.32	42.81	45.17
		0.98	0.68	0.78	0.90	0.81	1.03	1.03	0.88	0.93	0.79	0.36	0.37	0.27	0.15	0.23	0.70	0.24	0.40	0.54	0.82	0.69	0.52	0.61	0.60
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		47.41	44.69	40.19	39.39	39.41	44.70	41.73	33.76	39.34	46.85	44.77	45.21	47.48	46.31	48.99	50.90	45.97	47.97	50.98	48.66	51.57	50.30	42.78	45.17
		0.97	0.68	0.77	0.90	0.79	1.02	1.01	0.88	0.92	0.79	0.35	0.36	0.27	0.15	0.22	0.68	0.22	0.38	0.51	0.80	0.67	0.50	0.59	0.60
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		46.44	43.77	39.39	38.56	38.60	43.72	40.90	33.12	38.73	46.29	44.61	45.13	47.46	46.66	49.51	51.09	46.42	49.57	51.24	48.52	51.32	50.07	42.64	45.04
		0.00	-0.24	-0.03	0.07	-0.02	0.03	0.18	0.24	0.31	0.22	0.19	0.28	0.24	0.51	0.74	0.87	0.76	0.87	0.76	0.65	0.43	0.27	0.45	0.47
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.16	-1.11	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	46.44 0.00 0.00	43.77 -0.24 0.00	39.39 -0.03 0.00	38.56 0.07 0.00	38.60 -0.02 0.00	43.72 0.03 0.00	40.90 0.18 0.00	33.12 0.24 0.00	38.73 0.31 0.00	46.29 0.22 0.00	44.61 0.19 0.00	45.13 0.28 0.00	47.46 0.24 0.00	46.66 0.51 0.00	49.51 0.74 0.00	51.09 0.87 -0.02	46.42 0.76 -0.16	49.57 0.87 -1.11	51.24 0.76 0.00	48.52 0.65 0.00	51.32 0.43 0.00	50.07 0.27 0.00	42.64 0.45 0.00	45.04 0.47 0.00
ALBANY___3 23573	46.44 0.00 0.00	43.77 -0.24 0.00	39.39 -0.03 0.00	38.56 0.07 0.00	38.60 -0.02 0.00	43.72 0.03 0.00	40.90 0.18 0.00	33.12 0.24 0.00	38.73 0.31 0.00	46.29 0.22 0.00	44.61 0.19 0.00	45.13 0.28 0.00	47.46 0.24 0.00	46.66 0.51 0.00	49.51 0.74 0.00	51.09 0.87 -0.02	46.42 0.76 -0.16	49.57 0.87 -1.11	51.24 0.76 0.00	48.52 0.65 0.00	51.32 0.43 0.00	50.07 0.27 0.00	42.64 0.45 0.00	45.04 0.47 0.00
ALBANY___4 23574	46.44 0.00 0.00	43.77 -0.24 0.00	39.39 -0.03 0.00	38.56 0.07 0.00	38.60 -0.02 0.00	43.72 0.03 0.00	40.90 0.18 0.00	33.12 0.24 0.00	38.73 0.31 0.00	46.29 0.22 0.00	44.61 0.19 0.00	45.13 0.28 0.00	47.46 0.24 0.00	46.66 0.51 0.00	49.51 0.74 0.00	51.09 0.87 -0.02	46.42 0.76 -0.16	49.57 0.87 -1.11	51.24 0.76 0.00	48.52 0.65 0.00	51.32 0.43 0.00	50.07 0.27 0.00	42.64 0.45 0.00	45.04 0.47 0.00
ALBANY___LFGE 323615	46.98 0.54 0.00	44.26 0.25 0.00	39.83 0.40 0.00	38.98 0.48 0.00	39.04 0.41 0.00	44.21 0.52 0.00	41.35 0.63 0.00	33.50 0.62 0.00	39.17 0.75 0.00	46.83 0.77 0.00	45.15 0.74 0.00	45.71 0.85 0.00	48.09 0.87 0.00	47.31 1.16 0.00	50.22 1.46 0.00	51.82 1.61 -0.02	47.11 1.43 -0.18	50.28 1.57 -1.12	52.03 1.55 0.00	49.27 1.41 0.00	52.09 1.19 0.00	50.78 0.98 0.00	43.21 1.02 0.00	45.61 1.04 0.00
ALCOA_PA_115KV_PL-6C 55860	47.55 1.11 0.00	45.11 1.10 0.00	40.30 0.88 0.00	39.21 0.72 0.00	39.39 0.77 0.00	44.64 0.96 0.00	41.58 0.87 0.00	33.52 0.64 0.00	39.17 0.75 0.00	47.01 0.94 0.00	45.20 0.78 0.00	45.45 0.60 0.00	47.90 0.69 0.00	46.47 0.31 0.00	48.89 0.12 0.00	50.19 -0.01 0.00	45.66 0.16 0.00	47.68 0.09 0.00	50.71 0.24 0.00	48.18 0.32 0.00	51.52 0.62 0.00	50.63 0.83 0.00	42.58 0.39 0.00	45.10 0.54 0.00
ALCOA_RYNLDS___DRP 24188	47.55 1.11 0.00	45.11 1.10 0.00	40.30 0.88 0.00	39.21 0.72 0.00	39.39 0.77 0.00	44.64 0.96 0.00	41.58 0.87 0.00	33.52 0.64 0.00	39.17 0.75 0.00	47.01 0.94 0.00	45.20 0.78 0.00	45.45 0.60 0.00	47.90 0.69 0.00	46.47 0.31 0.00	48.89 0.12 0.00	50.19 -0.01 0.00	45.66 0.16 0.00	47.68 0.09 0.00	50.71 0.24 0.00	48.18 0.32 0.00	51.52 0.62 0.00	50.63 0.83 0.00	42.58 0.39 0.00	45.10 0.54 0.00
ALCOA___DSASP 323711	47.55 1.11 0.00	45.11 1.10 0.00	40.30 0.88 0.00	39.21 0.72 0.00	39.39 0.76 0.00	44.64 0.96 0.00	41.58 0.87 0.00	33.52 0.63 0.00	39.16 0.75 0.00	47.01 0.95 0.00	45.19 0.78 0.00	45.45 0.60 0.00	47.91 0.69 0.00	46.47 0.31 0.00	48.89 0.12 0.00	50.19 -0.01 0.00	45.66 0.16 0.00	47.68 0.09 0.00	50.71 0.24 0.00	48.18 0.32 0.00	51.52 0.62 0.00	50.63 0.83 0.00	42.58 0.39 0.00	45.10 0.54 0.00
ALLEGHENY___COGEN 23514	47.74 1.29 0.00	44.87 0.86 0.00	39.57 0.15 0.00	38.62 0.13 0.00	38.94 0.32 0.00	43.77 0.09 0.00	40.09 -0.62 0.00	44.79 -0.76 -12.67	38.10 -0.31 0.00	44.99 -1.07 0.00	43.75 -0.67 0.00	43.16 -1.69 0.00	45.23 -1.85 0.13	44.11 -2.04 0.00	46.27 -2.50 0.00	48.14 -2.07 -0.01	44.10 -1.50 -0.10	43.42 -0.30 3.87	50.67 0.19 0.00	48.29 0.43 0.00	51.23 0.33 0.00	49.47 -0.33 0.00	41.66 -0.50 0.04	45.11 0.54 0.00
ALTAMONT_115KV_TB 2 55880	47.02 0.58 0.00	44.35 0.34 0.00	39.87 0.45 0.00	39.02 0.53 0.00	39.09 0.46 0.00	44.26 0.58 0.00	41.38 0.66 0.00	33.50 0.62 0.00	39.13 0.71 0.00	46.79 0.73 0.00	45.11 0.69 0.00	45.66 0.81 0.00	47.99 0.77 0.00	47.18 1.02 0.00	50.00 1.24 0.00	51.57 1.37 0.00	46.70 1.20 0.00	49.89 1.31 -1.00	51.74 1.26 0.00	49.01 1.14 0.00	51.90 1.00 0.00	50.64 0.83 0.00	43.10 0.91 0.00	45.49 0.92 0.00
ALTONA_WT_PWR 323606	47.76 1.31 0.00	45.21 1.19 0.00	40.57 1.15 0.00	39.50 1.01 0.00	39.69 1.07 0.00	44.87 1.18 0.00	41.85 1.14 0.00	33.61 0.73 0.00	39.33 0.91 0.00	47.14 1.07 0.00	45.29 0.87 0.00	45.66 0.80 0.00	47.90 0.68 0.00	46.45 0.29 0.00	48.96 0.20 0.00	49.91 -0.29 0.00	45.45 -0.05 0.00	47.78 0.19 0.00	51.02 0.55 0.00	48.67 0.81 0.00	51.99 1.09 0.00	51.04 1.24 0.00	42.70 0.51 0.00	45.04 0.47 0.00
AMERICAN_REF_FUEL 24010	44.34 -2.11 0.00	41.99 -2.02 0.00	37.17 -2.25 0.00	36.14 -2.35 0.00	36.63 -1.99 0.00	41.10 -2.58 0.00	38.00 -2.72 0.00	27.59 -2.26 3.03	35.41 -3.01 0.00	42.54 -3.52 0.00	41.48 -2.94 0.00	40.90 -3.95 0.00	42.93 -4.22 0.06	41.60 -4.56 0.00	43.81 -4.96 0.00	45.71 -4.50 -0.01	41.33 -4.26 -0.10	41.55 -4.15 1.88	46.44 -4.03 0.00	45.05 -2.81 0.00	48.31 -2.59 0.00	46.62 -3.19 0.00	39.51 -2.67 0.02	42.42 -2.15 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.20 -2.24 0.00	41.34 -2.68 0.00	36.86 -2.56 0.00	35.72 -2.77 0.00	35.94 -2.69 0.00	40.59 -3.09 0.00	38.00 -2.72 0.00	27.81 -2.44 2.63	35.46 -2.96 0.00	42.58 -3.48 0.00	41.45 -2.97 0.00	41.04 -3.82 0.00	43.14 -3.99 0.08	41.75 -4.41 0.00	43.97 -4.79 0.00	45.93 -4.28 -0.01	41.49 -4.11 -0.11	41.26 -3.99 2.33	46.27 -4.20 0.00	44.85 -3.01 0.00	47.99 -2.91 0.00	46.44 -3.36 0.00	39.40 -2.77 0.02	42.48 -2.09 0.00
ARTHUR KILL_GT_1 23520	48.25 1.81 0.00	45.41 1.40 0.00	40.88 1.46 0.00	40.07 1.58 0.00	40.14 1.52 0.00	45.63 1.95 0.00	43.00 2.28 0.00	34.95 2.07 0.00	40.86 2.44 0.00	48.87 2.81 0.00	47.50 3.09 0.00	48.29 3.44 0.01	50.51 3.31 0.01	50.10 3.95 0.00	52.16 4.47 1.06	54.91 4.66 -0.05	52.24 4.04 -2.70	52.54 3.90 -1.06	52.77 3.51 1.21	50.88 3.02 0.00	53.81 2.91 0.00	52.44 2.64 0.00	45.14 2.95 0.00	47.60 3.02 0.00
ARTHUR_KILL_2 23512	48.10 1.66 0.00	45.28 1.27 0.00	40.77 1.35 0.00	39.96 1.46 0.00	40.03 1.40 0.00	45.50 1.82 0.00	42.87 2.15 0.00	34.84 1.96 0.00	40.72 2.30 0.00	48.72 2.66 0.00	47.35 2.94 0.00	48.12 3.27 0.01	50.33 3.13 0.01	49.92 3.77 0.00	51.97 4.26 1.06	54.71 4.46 -0.05	52.02 3.82 -2.69	52.34 3.70 -1.06	52.53 3.26 1.21	50.67 2.80 0.00	53.59 2.69 0.00	52.23 2.43 0.00	44.97 2.78 0.00	47.44 2.86 0.00
ARTHUR_KILL_3 23513	47.83 1.38 0.00	45.03 1.01 0.00	40.40 0.98 0.00	39.60 1.11 0.00	39.69 1.07 0.00	45.12 1.44 0.00	42.54 1.82 0.00	34.63 1.75 0.00	40.57 2.15 0.00	48.67 2.61 0.00	47.24 2.82 0.00	48.08 3.22 0.00	50.35 3.14 0.00	49.79 3.64 0.00	51.78 4.08 1.07	54.52 4.28 -0.04	51.98 3.78 -2.70	52.41 3.75 -1.06	52.51 3.25 1.22	50.53 2.67 0.00	53.40 2.50 0.00	52.11 2.30 0.00	44.68 2.49 0.00	47.04 2.47 0.00

ARTHUR_KILL_COGEN 323718	48.25 1.80 0.00	45.41 1.40 0.00	40.89 1.47 0.00	40.07 1.58 0.00	40.15 1.52 0.00	45.63 1.95 0.00	43.00 2.28 0.00	34.95 2.07 0.00	40.86 2.44 0.00	48.87 2.81 0.00	47.50 3.08 0.00	48.28 3.44 0.01	50.51 3.31 0.01	50.12 3.96 0.00	52.17 4.46 1.06	54.91 4.66 -0.05	52.23 4.04 -2.69	52.53 3.89 -1.06	52.77 3.51 1.21	50.88 3.02 0.00	53.81 2.91 0.00	52.45 2.64 0.00	45.14 2.95 0.00	47.60 3.02 0.00
ASHOKAN____ 23654	48.18 1.73 0.00	45.31 1.30 0.00	40.66 1.24 0.00	39.84 1.35 0.00	39.85 1.23 0.00	45.22 1.53 0.00	42.46 1.74 0.00	34.46 1.58 0.00	40.35 1.93 0.00	48.17 2.11 0.00	46.41 1.99 0.00	47.16 2.31 0.00	50.04 2.83 0.00	49.68 3.53 0.00	53.11 4.35 0.00	54.54 4.22 -0.11	50.63 3.99 -1.14	51.76 4.17 0.00	54.83 4.36 0.00	51.90 4.04 0.00	54.84 3.94 0.00	53.28 3.48 0.00	45.27 3.08 0.00	47.57 3.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	48.10 1.66 0.00	45.33 1.32 0.00	40.67 1.25 0.00	39.86 1.36 0.00	39.97 1.35 0.00	45.42 1.74 0.00	42.82 2.10 0.00	34.83 1.95 0.00	40.72 2.30 0.00	48.88 2.82 0.00	47.52 3.10 0.00	48.34 3.49 0.00	50.84 3.52 -0.11	50.26 4.03 -0.08	53.28 4.51 0.00	55.28 4.81 -0.27	52.42 4.22 -2.70	59.43 3.98 -7.86	54.02 3.54 0.00	50.90 3.03 0.00	53.78 2.88 0.00	52.54 2.74 0.00	45.04 2.85 0.00	47.31 2.74 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.10 1.66 0.00	45.33 1.32 0.00	40.67 1.25 0.00	39.86 1.36 0.00	39.97 1.35 0.00	45.42 1.74 0.00	42.82 2.10 0.00	34.83 1.95 0.00	40.72 2.30 0.00	48.88 2.82 0.00	47.52 3.10 0.00	48.34 3.49 0.00	50.84 3.52 -0.11	50.26 4.03 -0.08	53.28 4.51 0.00	55.28 4.81 -0.27	52.42 4.22 -2.70	59.43 3.98 -7.86	54.02 3.54 0.00	50.90 3.03 0.00	53.78 2.88 0.00	52.54 2.74 0.00	45.04 2.85 0.00	47.31 2.74 0.00
ASTORIA_GT2_1 24094	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT2_2 24095	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT2_3 24096	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT2_4 24097	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT3_1 24098	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT3_2 24099	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT3_3 24100	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT3_4 24101	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT4_1 24102	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT4_2 24103	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT4_3 24104	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00

ASTORIA_GT4_4 24105	48.12 1.68 0.00	45.37 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.85 2.13 0.00	34.86 1.98 0.00	40.74 2.33 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.04 -0.08	53.30 4.54 0.00	55.32 4.85 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.91 3.04 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.05 2.85 0.00	47.33 2.76 0.00
ASTORIA_GT_1 23523	48.22 1.77 0.00	45.45 1.44 0.00	40.76 1.34 0.00	39.93 1.44 0.00	40.05 1.43 0.00	45.51 1.83 0.00	42.93 2.21 0.00	34.93 2.05 0.00	40.83 2.41 0.00	49.02 2.95 0.00	47.66 3.24 0.00	48.48 3.63 0.00	51.00 3.67 -0.11	50.41 4.18 -0.08	53.42 4.66 0.00	55.46 5.00 -0.27	52.58 4.38 -2.70	59.57 4.12 -7.86	54.18 3.71 0.00	51.04 3.18 0.00	53.92 3.02 0.00	52.69 2.89 0.00	45.14 2.95 0.00	47.42 2.85 0.00
ASTORIA_GT_10 24110	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.90 1.27 0.00	45.35 1.67 0.00	42.77 2.05 0.00	34.82 1.94 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.09 4.32 0.00	54.99 4.53 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.57 2.67 0.00	52.30 2.50 0.00	44.88 2.69 0.00	47.25 2.68 0.00
ASTORIA_GT_11 24225	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.90 1.27 0.00	45.35 1.67 0.00	42.77 2.05 0.00	34.82 1.94 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.09 4.32 0.00	54.99 4.53 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.57 2.67 0.00	52.30 2.50 0.00	44.88 2.69 0.00	47.25 2.68 0.00
ASTORIA_GT_12 24226	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.90 1.27 0.00	45.35 1.67 0.00	42.77 2.05 0.00	34.82 1.94 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.09 4.32 0.00	54.99 4.53 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.57 2.67 0.00	52.30 2.50 0.00	44.88 2.69 0.00	47.25 2.68 0.00
ASTORIA_GT_13 24227	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.90 1.27 0.00	45.35 1.67 0.00	42.77 2.05 0.00	34.82 1.94 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.09 4.32 0.00	54.99 4.53 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.57 2.67 0.00	52.30 2.50 0.00	44.88 2.69 0.00	47.25 2.68 0.00
ASTORIA_GT_5 24106	48.22 1.77 0.00	45.45 1.44 0.00	40.76 1.34 0.00	39.93 1.44 0.00	40.05 1.43 0.00	45.51 1.83 0.00	42.93 2.21 0.00	34.93 2.05 0.00	40.83 2.41 0.00	49.02 2.95 0.00	47.66 3.24 0.00	48.48 3.63 0.00	51.00 3.67 -0.11	50.41 4.18 -0.08	53.42 4.66 0.00	55.46 5.00 -0.27	52.58 4.38 -2.70	59.57 4.12 -7.86	54.18 3.71 0.00	51.04 3.18 0.00	53.92 3.02 0.00	52.69 2.89 0.00	45.14 2.95 0.00	47.42 2.85 0.00
ASTORIA_GT_7 24107	48.22 1.77 0.00	45.45 1.44 0.00	40.76 1.34 0.00	39.93 1.44 0.00	40.05 1.43 0.00	45.51 1.83 0.00	42.93 2.21 0.00	34.93 2.05 0.00	40.83 2.41 0.00	49.02 2.95 0.00	47.66 3.24 0.00	48.48 3.63 0.00	51.00 3.67 -0.11	50.41 4.18 -0.08	53.42 4.66 0.00	55.46 5.00 -0.27	52.58 4.38 -2.70	59.57 4.12 -7.86	54.18 3.71 0.00	51.04 3.18 0.00	53.92 3.02 0.00	52.69 2.89 0.00	45.14 2.95 0.00	47.42 2.85 0.00
ASTORIA_GT_8 24108	48.22 1.77 0.00	45.45 1.44 0.00	40.76 1.34 0.00	39.93 1.44 0.00	40.05 1.43 0.00	45.51 1.83 0.00	42.93 2.21 0.00	34.93 2.05 0.00	40.83 2.41 0.00	49.02 2.95 0.00	47.66 3.24 0.00	48.48 3.63 0.00	51.00 3.67 -0.11	50.41 4.18 -0.08	53.42 4.66 0.00	55.46 5.00 -0.27	52.58 4.38 -2.70	59.57 4.12 -7.86	54.18 3.71 0.00	51.04 3.18 0.00	53.92 3.02 0.00	52.69 2.89 0.00	45.14 2.95 0.00	47.42 2.85 0.00
ASTORIA___2 24149	48.12 1.68 0.00	45.37 1.35 0.00	40.70 1.28 0.00	39.87 1.38 0.00	39.99 1.36 0.00	45.43 1.74 0.00	42.84 2.13 0.00	34.85 1.97 0.00	40.74 2.32 0.00	48.91 2.85 0.00	47.55 3.13 0.00	48.37 3.51 0.00	50.87 3.54 -0.11	50.28 4.05 -0.08	53.31 4.54 0.00	55.32 4.86 -0.27	52.46 4.26 -2.70	59.45 4.00 -7.86	54.04 3.57 0.00	50.92 3.05 0.00	53.79 2.89 0.00	52.58 2.78 0.00	45.06 2.87 0.00	47.33 2.76 0.00
ASTORIA___3 23516	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.89 1.27 0.00	45.35 1.67 0.00	42.76 2.04 0.00	34.80 1.93 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.85 0.00	53.09 4.32 0.00	54.99 4.52 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.58 2.68 0.00	52.30 2.50 0.00	44.89 2.69 0.00	47.26 2.69 0.00
ASTORIA___4 23517	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.90 1.27 0.00	45.35 1.67 0.00	42.77 2.05 0.00	34.82 1.94 0.00	40.77 2.35 0.00	48.92 2.85 0.00	47.52 3.11 0.00	48.35 3.49 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.09 4.32 0.00	54.99 4.52 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.39 0.00	50.70 2.84 0.00	53.57 2.67 0.00	52.30 2.50 0.00	44.88 2.69 0.00	47.25 2.68 0.00
ASTORIA___5 23518	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.89 1.27 0.00	45.35 1.67 0.00	42.76 2.04 0.00	34.80 1.93 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.85 0.00	53.09 4.32 0.00	54.99 4.52 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.58 2.68 0.00	52.30 2.50 0.00	44.89 2.69 0.00	47.26 2.69 0.00
AST_ENERGY_2_CC3 323677	48.00 1.55 0.00	45.17 1.16 0.00	40.52 1.11 0.00	39.72 1.22 0.00	39.81 1.19 0.00	45.25 1.56 0.00	42.65 1.93 0.00	34.72 1.84 0.00	40.69 2.26 0.00	48.81 2.75 0.00	47.39 2.97 0.00	48.25 3.39 0.00	50.54 3.32 0.00	49.97 3.82 0.00	53.05 4.28 0.00	55.00 4.53 -0.27	50.51 3.94 -1.07	43.16 3.54 7.96	36.54 3.05 16.99	36.54 2.56 13.88	36.54 2.38 16.73	36.54 2.28 15.54	36.54 2.44 8.09	36.33 2.30 10.53
AST_ENERGY_2_CC4 323678	48.00 1.55 0.00	45.17 1.16 0.00	40.52 1.11 0.00	39.72 1.22 0.00	39.81 1.19 0.00	45.25 1.56 0.00	42.65 1.93 0.00	34.72 1.84 0.00	40.69 2.26 0.00	48.81 2.75 0.00	47.39 2.97 0.00	48.25 3.39 0.00	50.54 3.32 0.00	49.97 3.82 0.00	53.05 4.28 0.00	55.00 4.53 -0.27	50.51 3.94 -1.07	43.16 3.54 7.96	36.54 3.05 16.99	36.54 2.56 13.88	36.54 2.38 16.73	36.54 2.28 15.54	36.54 2.44 8.09	36.33 2.30 10.53

ATHENS_STG_1 23668	47.13	44.43	39.93	39.12	39.16	44.39	41.57	33.71	39.41	47.18	45.60	46.26	48.58	47.85	50.76	52.23	46.27	50.54	52.22	49.36	52.24	50.96	43.47	45.87
	0.69	0.42	0.52	0.62	0.54	0.70	0.86	0.83	0.99	1.12	1.18	1.40	1.37	1.69	1.99	2.14	1.89	1.95	1.75	1.49	1.35	1.16	1.28	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.12	-1.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	47.13	44.43	39.93	39.12	39.16	44.39	41.57	33.71	39.41	47.18	45.60	46.26	48.58	47.85	50.76	52.23	46.27	50.54	52.22	49.36	52.24	50.96	43.47	45.87
	0.69	0.42	0.52	0.62	0.54	0.70	0.86	0.83	0.99	1.12	1.18	1.40	1.37	1.69	1.99	2.14	1.89	1.95	1.75	1.49	1.35	1.16	1.28	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.12	-1.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	47.13	44.43	39.93	39.12	39.16	44.39	41.57	33.71	39.41	47.18	45.60	46.26	48.58	47.85	50.76	52.23	46.27	50.54	52.22	49.36	52.24	50.96	43.47	45.87
	0.69	0.42	0.52	0.62	0.54	0.70	0.86	0.83	0.99	1.12	1.18	1.40	1.37	1.69	1.99	2.14	1.89	1.95	1.75	1.49	1.35	1.16	1.28	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	1.12	-1.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	46.68	44.25	39.40	38.53	38.62	43.60	40.72	32.71	38.22	45.75	44.20	44.59	46.94	45.98	48.57	50.27	45.69	48.63	51.19	48.58	51.56	50.08	42.13	44.54
	0.23	0.24	-0.02	0.04	0.00	-0.09	0.00	-0.17	-0.20	-0.32	-0.22	-0.27	-0.30	-0.18	-0.19	0.06	0.11	0.28	0.71	0.72	0.66	0.28	-0.07	-0.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	-0.01	-0.08	-0.76	0.00	0.00	0.00	0.00	-0.01	0.00
BABYLON_RES_REC 323704	48.06	45.38	40.74	39.86	39.90	45.12	42.41	34.53	40.23	48.39	46.69	47.41	49.23	48.38	50.32	48.56	51.38	58.67	52.93	49.89	53.25	50.72	31.09	39.54
	1.61	1.37	1.32	1.37	1.28	1.44	1.69	1.65	1.81	2.33	2.27	2.56	2.26	2.57	2.97	3.33	3.18	3.24	2.46	2.03	2.35	2.18	2.04	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.35	1.41	4.96	-2.70	-7.84	0.00	0.00	0.00	1.26	13.14	7.23
BALL_HILL_WT_PWR 323825	44.94	42.28	37.41	36.40	36.82	41.45	38.52	27.65	36.03	43.32	42.18	41.70	43.77	42.40	44.68	46.54	42.07	42.00	46.98	45.45	48.65	46.98	39.81	42.77
	-1.51	-1.73	-2.01	-2.09	-1.81	-2.23	-2.20	-1.91	-2.39	-2.74	-2.24	-3.15	-3.37	-3.76	-4.09	-3.67	-3.53	-3.48	-3.49	-2.42	-2.25	-2.83	-2.36	-1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.33	0.00	0.00	0.00	0.00	0.07	0.00	0.00	-0.01	-0.10	2.11	0.00	0.00	0.00	0.00	0.02	0.00
BARON_WINDS___WT_PWR 323822	45.32	42.46	37.22	36.50	36.84	41.58	38.74	7.66	28.95	43.47	42.06	41.94	43.65	42.87	45.22	46.64	42.64	40.16	47.78	45.29	48.25	46.70	39.46	42.09
	-1.13	-1.55	-2.20	-2.00	-1.79	-2.11	-1.98	-1.78	-2.52	-2.60	-2.36	-2.91	-3.44	-3.29	-3.55	-3.57	-3.01	-2.99	-2.69	-2.57	-2.65	-3.10	-2.70	-2.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.44	6.96	0.00	0.00	0.00	0.12	0.00	0.00	-0.01	-0.14	4.44	0.00	0.00	0.00	0.00	0.04	0.00
BARRETT_IC_1 23704	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	50.42	49.61	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-0.41	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77
BARRETT_IC_10 23701	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	42.51	44.24	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.29	4.96	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77
BARRETT_IC_11 23702	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	42.51	44.24	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.29	4.96	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77
BARRETT_IC_12 23703	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	42.51	44.24	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.29	4.96	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77
BARRETT_IC_2 23705	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	50.42	49.61	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-0.41	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77
BARRETT_IC_3 23706	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	50.42	49.61	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-0.41	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77
BARRETT_IC_4 23707	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	50.42	49.61	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77
BARRETT_IC_5 23708	47.85	45.14	40.49	39.63	39.68	44.90	42.18	34.28	40.06	48.20	46.80	47.65	50.42	49.61	52.25	54.23	51.65	58.92	53.32	50.14	53.04	51.77	45.64	47.44
	1.41	1.13	1.07	1.14	1.06	1.22	1.46	1.40	1.64	2.13	2.38	2.80	2.59	3.04	3.49	3.77	3.44	3.49	2.85	2.28	2.14	1.83	2.06	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.62	-0.41	0.01	-0.27	-2.70	-7.84	0.00	0.00	0.00	-0.13	-1.40	-0.77

BARRETT_IC_6 23709	47.85 1.41 0.00	45.14 1.13 0.00	40.49 1.07 0.00	39.63 1.14 0.00	39.68 1.06 0.00	44.90 1.22 0.00	42.18 1.46 0.00	34.28 1.40 0.00	40.06 1.64 0.00	48.20 2.13 0.00	46.80 2.38 0.00	47.65 2.80 0.00	50.42 2.59 -0.62	49.61 3.04 -0.41	52.25 3.49 0.01	54.23 3.77 -0.27	51.65 3.44 -2.70	58.92 3.49 -7.84	53.32 2.85 0.00	50.14 2.28 0.00	53.04 2.14 0.00	51.77 1.83 -0.13	45.64 2.06 -1.40	47.44 2.10 -0.77
BARRETT_IC_7 23710	47.84 1.40 0.00	45.13 1.12 0.00	40.49 1.07 0.00	39.63 1.14 0.00	39.68 1.06 0.00	44.90 1.22 0.00	42.18 1.46 0.00	34.29 1.41 0.00	40.07 1.64 0.00	48.20 2.14 0.00	46.80 2.38 0.00	47.66 2.80 0.00	50.43 2.59 -0.62	49.60 3.03 -0.41	52.24 3.48 0.01	54.24 3.77 -0.27	51.65 3.44 -2.70	58.92 3.48 -7.84	53.32 2.85 0.00	50.14 2.27 0.00	53.03 2.14 0.00	51.77 1.83 -0.13	45.66 2.07 -1.40	47.44 2.10 -0.77
BARRETT_IC_8 23711	47.85 1.41 0.00	45.14 1.13 0.00	40.49 1.07 0.00	39.63 1.14 0.00	39.68 1.06 0.00	44.90 1.22 0.00	42.18 1.46 0.00	34.28 1.40 0.00	40.06 1.64 0.00	48.20 2.13 0.00	46.80 2.38 0.00	47.65 2.80 0.00	50.42 2.59 -0.62	49.61 3.04 -0.41	52.25 3.49 0.01	54.23 3.77 -0.27	51.65 3.44 -2.70	58.92 3.49 -7.84	53.32 2.85 0.00	50.14 2.28 0.00	53.04 2.14 0.00	51.77 1.83 -0.13	45.64 2.06 -1.40	47.44 2.10 -0.77
BARRETT_IC_9 23700	47.85 1.41 0.00	45.14 1.13 0.00	40.49 1.07 0.00	39.63 1.14 0.00	39.68 1.06 0.00	44.90 1.22 0.00	42.18 1.46 0.00	34.28 1.40 0.00	40.06 1.64 0.00	48.20 2.13 0.00	46.80 2.38 0.00	47.65 2.80 0.00	50.42 2.59 7.29	49.61 3.04 4.96	52.25 3.49 0.01	54.23 3.77 -0.27	51.65 3.44 -2.70	58.92 3.49 -7.84	53.32 2.85 0.00	50.14 2.28 0.00	53.04 2.14 0.00	51.77 1.83 -0.13	45.64 2.06 -1.40	47.44 2.10 -0.77
BARRETT___1 23545	47.85 1.41 0.00	45.14 1.13 0.00	40.49 1.07 0.00	39.63 1.14 0.00	39.68 1.06 0.00	44.90 1.22 0.00	42.18 1.46 0.00	34.28 1.40 0.00	40.06 1.64 0.00	48.20 2.13 0.00	46.80 2.38 0.00	47.65 2.80 0.00	50.42 2.59 -0.62	49.61 3.04 -0.41	52.25 3.49 0.01	54.23 3.77 -0.27	51.65 3.44 -2.70	58.92 3.49 -7.84	53.32 2.85 0.00	50.14 2.28 0.00	53.04 2.14 0.00	51.77 1.83 -0.13	45.64 2.06 -1.40	47.44 2.10 -0.77
BARRETT___2 23546	47.85 1.41 0.00	45.14 1.13 0.00	40.49 1.07 0.00	39.63 1.14 0.00	39.68 1.06 0.00	44.90 1.22 0.00	42.18 1.46 0.00	34.28 1.40 0.00	40.06 1.64 0.00	48.20 2.13 0.00	46.80 2.38 0.00	47.65 2.80 0.00	50.42 2.59 7.29	49.61 3.04 4.96	52.25 3.49 0.01	54.23 3.77 -0.27	51.65 3.44 -2.70	58.92 3.49 -7.84	53.32 2.85 0.00	50.14 2.28 0.00	53.04 2.14 0.00	51.77 1.83 -0.13	45.64 2.06 -1.40	47.44 2.10 -0.77
BATAVIA__115KV_TB1 55881	46.66 0.22 0.00	44.10 0.09 0.00	39.05 -0.37 0.00	38.01 -0.48 0.00	38.49 -0.14 0.00	43.30 -0.39 0.00	40.12 -0.60 0.00	30.24 -0.59 2.05	37.43 -0.98 0.00	45.05 -1.01 0.00	44.09 -0.33 0.00	43.52 -1.34 0.00	45.86 -1.30 0.06	44.50 -1.65 0.00	46.78 -1.98 0.00	48.78 -1.43 -0.01	44.36 -1.23 -0.09	44.88 -1.09 1.62	49.67 -0.80 0.00	47.89 0.03 0.00	51.17 0.27 0.00	49.32 -0.49 0.00	41.63 -0.55 0.02	44.43 -0.14 0.00
BAYONEEC___CTG1 323682	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG10 323750	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG2 323683	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG3 323684	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG4 323685	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG5 323686	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG6 323687	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG7 323688	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00

BAYONEEC___CTG8 323689	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BAYONEEC___CTG9 323749	48.06 1.62 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.78 1.29 0.00	39.87 1.25 0.00	45.32 1.64 0.00	42.70 1.99 0.00	34.76 1.88 0.00	40.73 2.31 0.00	48.88 2.82 0.00	47.44 3.02 0.00	48.30 3.44 0.00	50.58 3.36 0.00	50.00 3.84 0.00	53.26 4.32 -0.17	55.07 4.57 -0.30	52.19 3.99 -2.70	60.52 3.99 -8.95	54.21 3.55 -0.19	50.78 2.92 0.00	53.66 2.76 0.00	52.36 2.55 0.00	44.88 2.69 0.00	47.24 2.68 0.00
BEACON___LESR 323632	47.17 0.72 0.00	44.42 0.41 0.00	39.99 0.57 0.00	39.15 0.66 0.00	39.25 0.63 0.00	44.44 0.76 0.00	41.60 0.88 0.00	33.71 0.83 0.00	39.48 1.06 0.00	47.12 1.06 0.00	45.34 0.92 0.00	45.95 1.10 0.00	48.29 1.08 0.00	47.56 1.40 0.00	50.50 1.73 0.00	52.05 1.83 -0.02	47.37 1.68 -0.19	50.54 1.83 -1.12	52.43 1.95 0.00	49.43 1.57 0.00	52.39 1.49 0.00	51.04 1.24 0.00	43.41 1.22 0.00	45.82 1.25 0.00
BEAVER RIVER___HYD 24048	48.81 2.37 0.00	46.22 2.21 0.00	41.23 1.82 0.00	40.08 1.59 0.00	40.05 1.42 0.00	45.19 1.51 0.00	42.00 1.28 0.00	33.75 0.87 0.00	39.49 1.08 0.00	47.38 1.32 0.00	45.02 0.60 0.00	44.97 0.11 0.00	47.05 -0.17 0.00	45.27 -0.88 0.00	48.11 -0.66 0.00	50.08 -0.11 0.00	45.37 -0.12 0.00	47.73 0.14 0.00	51.07 0.59 0.00	48.34 0.48 0.00	51.37 0.47 0.00	49.99 0.19 0.00	42.27 0.08 0.00	44.27 -0.30 0.00
BEEBEE_GT_13 23619	46.19 -0.25 0.00	43.77 -0.24 0.00	38.89 -0.53 0.00	37.91 -0.58 0.00	38.28 -0.35 0.00	43.11 -0.57 0.00	40.01 -0.71 0.00	32.22 -0.66 0.00	37.64 -0.78 0.00	45.32 -0.74 0.00	44.10 -0.32 0.00	43.95 -0.90 0.00	46.20 -0.97 0.04	44.99 -1.17 0.00	47.53 -1.23 0.00	49.36 -0.84 0.00	44.70 -0.80 0.00	45.60 -0.74 1.25	49.85 -0.63 0.00	47.74 -0.12 0.00	50.86 -0.04 0.00	49.17 -0.63 0.00	41.52 -0.66 0.01	44.15 -0.42 0.00
BENSHRST_27_KV_BENSHRST_1 355998	48.60 2.16 0.00	45.76 1.75 0.00	41.08 1.66 0.00	40.24 1.75 0.00	40.32 1.70 0.00	45.84 2.16 0.00	43.24 2.52 0.00	35.20 2.32 0.00	41.22 2.80 0.00	49.46 3.39 0.00	48.10 3.68 0.00	48.96 4.11 0.00	51.26 4.04 0.00	50.71 4.56 0.00	53.86 5.09 -0.01	55.84 5.37 -0.27	52.91 4.71 -2.70	60.03 4.57 -7.86	54.70 4.22 0.00	51.40 3.53 0.00	54.33 3.44 0.00	52.98 3.18 0.00	45.49 3.29 0.00	47.87 3.29 0.00
BETHLEHEM___GRP 23843	46.44 0.00 0.00	43.77 -0.24 0.00	39.39 -0.03 0.00	38.56 0.07 0.00	38.60 -0.02 0.00	43.72 0.03 0.00	40.90 0.18 0.00	33.12 0.24 0.00	38.73 0.31 0.00	46.29 0.22 0.00	44.61 0.19 0.00	45.13 0.28 0.00	47.46 0.24 0.00	46.66 0.51 0.00	49.51 0.74 0.00	51.09 0.87 -0.02	46.42 0.76 -0.16	49.57 0.87 -1.11	51.24 0.76 0.00	48.52 0.65 0.00	51.32 0.43 0.00	50.07 0.27 0.00	42.64 0.45 0.00	45.04 0.47 0.00
BETHLEHEM___GS1 323560	46.44 0.00 0.00	43.77 -0.24 0.00	39.39 -0.03 0.00	38.56 0.07 0.00	38.60 -0.02 0.00	43.72 0.03 0.00	40.90 0.18 0.00	33.12 0.24 0.00	38.73 0.30 0.00	46.29 0.23 0.00	44.61 0.19 0.00	45.13 0.27 0.00	47.45 0.24 0.00	46.66 0.51 0.00	49.51 0.74 0.00	51.09 0.87 -0.02	46.41 0.76 -0.16	49.57 0.88 -1.11	51.24 0.76 0.00	48.52 0.65 0.00	51.33 0.43 0.00	50.07 0.27 0.00	42.64 0.44 0.00	45.04 0.47 0.00
BETHLEHEM___GS2 323561	46.44 0.00 0.00	43.77 -0.24 0.00	39.39 -0.03 0.00	38.56 0.07 0.00	38.60 -0.02 0.00	43.72 0.03 0.00	40.90 0.18 0.00	33.12 0.24 0.00	38.73 0.30 0.00	46.29 0.23 0.00	44.61 0.19 0.00	45.13 0.27 0.00	47.45 0.24 0.00	46.66 0.51 0.00	49.51 0.74 0.00	51.09 0.87 -0.02	46.41 0.76 -0.16	49.57 0.88 -1.11	51.24 0.76 0.00	48.52 0.65 0.00	51.33 0.43 0.00	50.07 0.27 0.00	42.64 0.44 0.00	45.04 0.47 0.00
BETHLEHEM___GS3 323562	46.44 0.00 0.00	43.77 -0.24 0.00	39.39 -0.03 0.00	38.56 0.07 0.00	38.60 -0.02 0.00	43.72 0.03 0.00	40.90 0.18 0.00	33.12 0.24 0.00	38.73 0.30 0.00	46.29 0.23 0.00	44.61 0.19 0.00	45.13 0.27 0.00	47.45 0.24 0.00	46.66 0.51 0.00	49.51 0.74 0.00	51.09 0.87 -0.02	46.41 0.76 -0.16	49.57 0.88 -1.11	51.24 0.76 0.00	48.52 0.65 0.00	51.33 0.43 0.00	50.07 0.27 0.00	42.64 0.44 0.00	45.04 0.47 0.00
BETHLEHEM___STEEL 23779	45.25 -1.20 0.00	42.68 -1.33 0.00	37.70 -1.72 0.00	36.72 -1.77 0.00	37.19 -1.43 0.00	41.84 -1.85 0.00	38.76 -1.96 0.00	27.44 -1.70 3.74	36.28 -2.14 0.00	43.66 -2.40 0.00	42.49 -1.92 0.00	41.99 -2.87 0.00	44.06 -3.09 0.07	42.71 -3.44 0.00	45.04 -3.73 0.00	46.87 -3.34 -0.01	42.40 -3.21 -0.10	42.32 -3.14 2.13	47.36 -3.11 0.00	45.79 -2.07 0.00	49.04 -1.86 0.00	47.27 -2.53 0.00	40.02 -2.15 0.02	42.93 -1.64 0.00
BETHLHEM_115KV_TB1 79974	46.56 0.11 0.00	43.89 -0.12 0.00	39.49 0.07 0.00	38.66 0.17 0.00	38.70 0.08 0.00	43.83 0.14 0.00	40.99 0.27 0.00	33.21 0.33 0.00	38.83 0.41 0.00	46.41 0.35 0.00	44.73 0.31 0.00	45.26 0.40 0.00	47.58 0.36 0.00	46.78 0.63 0.00	49.62 0.86 0.00	51.21 1.00 -0.01	46.50 0.86 -0.14	49.65 0.97 -1.09	51.34 0.86 0.00	48.61 0.74 0.00	51.43 0.53 0.00	50.17 0.37 0.00	42.73 0.54 0.00	45.13 0.56 0.00
BETHPAGE_CC_5 323564	47.90 1.46 0.00	45.29 1.27 0.00	40.63 1.22 0.00	39.76 1.27 0.00	39.83 1.20 0.00	45.05 1.37 0.00	42.36 1.64 0.00	34.40 1.52 0.00	40.16 1.74 0.00	48.34 2.28 0.00	46.88 2.47 0.00	47.73 2.87 0.00	49.65 2.65 0.21	48.91 3.05 0.29	51.19 3.50 1.08	50.41 3.84 3.63	51.77 3.57 -2.70	59.09 3.66 -7.84	53.40 2.93 0.00	50.27 2.41 0.00	53.25 2.35 0.00	50.65 1.99 1.15	32.27 2.06 11.98	40.11 2.14 6.59
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	45.34 -1.11 0.00	42.76 -1.26 0.00	37.75 -1.67 0.00	36.79 -1.70 0.00	37.26 -1.36 0.00	41.91 -1.77 0.00	38.83 -1.89 0.00	27.72 -1.65 3.52	36.38 -2.04 0.00	43.77 -2.29 0.00	42.56 -1.86 0.00	42.07 -2.78 0.00	44.13 -3.01 0.07	42.80 -3.36 0.00	45.13 -3.63 0.00	46.96 -3.25 -0.01	42.47 -3.13 -0.11	42.32 -3.09 2.18	47.42 -3.06 0.00	45.82 -2.04 0.00	49.06 -1.84 0.00	47.30 -2.50 0.00	40.03 -2.14 0.02	42.95 -1.62 0.00
BINGHAMTON___COGEN 23790	46.47 0.02 0.00	43.93 -0.08 0.00	39.06 -0.36 0.00	38.32 -0.17 0.00	38.58 -0.05 0.00	43.53 -0.15 0.00	40.66 -0.05 0.00	32.83 -0.05 0.00	38.33 -0.09 0.00	45.90 -0.16 0.00	44.35 -0.07 0.00	44.79 -0.07 0.00	46.99 -0.19 0.04	46.09 -0.07 0.00	48.81 0.05 0.00	50.30 0.08 -0.02	45.68 -0.02 -0.20	45.37 -0.02 2.19	50.72 0.25 0.00	48.12 0.26 0.00	51.15 0.25 0.00	49.68 -0.13 0.00	42.04 -0.14 0.01	44.47 -0.10 0.00

BIXINCNT_115KV_LOAD 355685	45.36 -1.08 0.00	42.33 -1.68 0.00	37.09 -2.33 0.00	36.57 -1.92 0.00	36.93 -1.69 0.00	41.72 -1.96 0.00	38.43 -2.29 0.00	28.61 -1.97 2.31	36.27 -2.15 0.00	43.46 -2.60 0.00	42.04 -2.38 0.00	41.38 -3.48 0.00	43.30 -3.83 0.08	41.97 -4.19 0.00	44.12 -4.64 0.00	45.80 -4.41 -0.01	41.73 -3.88 -0.11	40.77 -4.35 2.47	45.97 -4.51 0.00	44.45 -3.41 0.00	47.55 -3.35 0.00	46.00 -3.81 0.00	39.03 -3.14 0.03	41.98 -2.60 0.00
BLACK RIVER___HYD 24047	49.18 2.74 0.00	46.58 2.57 0.00	41.52 2.10 0.00	40.33 1.84 0.00	40.29 1.67 0.00	45.40 1.71 0.00	42.15 1.43 0.00	33.89 1.01 0.00	39.68 1.27 0.00	47.63 1.56 0.00	45.06 0.64 0.00	45.08 0.22 0.00	47.03 -0.18 0.00	45.08 -1.08 0.00	48.28 -0.49 0.00	50.34 0.14 0.00	45.28 -0.21 0.00	48.23 0.64 0.00	51.70 1.22 0.00	48.81 0.94 0.00	51.82 0.93 0.00	50.30 0.50 0.00	42.46 0.27 0.00	44.39 -0.18 0.00
BLACKRVR_115KV_TB2 79977	49.18 2.73 0.00	46.58 2.57 0.00	41.52 2.10 0.00	40.33 1.84 0.00	40.29 1.67 0.00	45.40 1.71 0.00	42.15 1.43 0.00	33.89 1.01 0.00	39.69 1.27 0.00	47.63 1.57 0.00	45.06 0.64 0.00	45.08 0.23 0.00	47.03 -0.18 0.00	45.07 -1.08 0.00	48.28 -0.49 0.00	50.34 0.14 0.00	45.28 -0.21 0.00	48.23 0.64 0.00	51.70 1.23 0.00	48.81 0.95 0.00	51.83 0.93 0.00	50.30 0.50 0.00	42.46 0.27 0.00	44.39 -0.18 0.00
BLDWN_LI_69_KV_BK4 356085	48.19 1.74 0.00	45.47 1.46 0.00	40.76 1.35 0.00	39.90 1.40 0.00	39.94 1.32 0.00	45.23 1.54 0.00	42.50 1.78 0.00	34.58 1.70 0.00	40.39 1.97 0.00	48.61 2.55 0.00	47.21 2.79 0.00	48.09 3.23 0.00	50.27 3.06 0.00	49.49 3.39 0.06	52.61 3.92 0.08	54.75 4.28 -0.27	52.13 3.93 -2.70	59.48 4.06 -7.84	53.92 3.45 0.00	50.72 2.86 0.00	53.67 2.77 0.00	51.59 2.43 0.64	37.98 2.48 6.69	43.37 2.48 3.68
BLISS_WT_PWR 323608	45.26 -1.18 0.00	42.09 -1.92 0.00	36.79 -2.63 0.00	36.35 -2.14 0.00	36.67 -1.96 0.00	41.48 -2.21 0.00	38.11 -2.60 0.00	28.39 -2.19 2.31	36.04 -2.38 0.00	43.15 -2.91 0.00	41.71 -2.70 0.00	41.02 -3.83 0.00	42.91 -4.22 0.08	41.60 -4.56 0.00	43.72 -5.05 0.00	45.37 -4.84 -0.01	41.43 -4.18 -0.11	40.30 -4.82 2.47	45.45 -5.03 0.00	43.97 -3.89 0.00	47.01 -3.89 0.00	45.54 -4.26 0.00	38.64 -3.53 0.03	41.60 -2.97 0.00
BLUESTONE___WT_PWR 323821	48.61 2.16 0.00	45.73 1.72 0.00	40.24 0.82 0.00	39.51 1.02 0.00	39.87 1.25 0.00	44.82 1.13 0.00	41.82 1.10 0.00	34.05 1.17 0.00	39.82 1.40 0.00	46.96 0.90 0.00	45.13 0.71 0.00	44.87 0.02 0.00	47.09 -0.16 -0.04	46.44 0.29 0.00	48.78 0.01 0.00	50.83 0.61 -0.02	46.43 0.70 -0.23	47.50 -0.01 0.08	50.96 0.48 0.00	49.15 1.29 0.00	52.13 1.23 0.00	51.24 1.44 0.00	42.63 0.43 -0.01	46.01 1.45 0.00
BLUE_CIRC_CHEM_DRP 24182	47.09 0.64 0.00	44.42 0.41 0.00	39.95 0.53 0.00	39.14 0.64 0.00	39.17 0.55 0.00	44.38 0.70 0.00	41.46 0.74 0.00	33.54 0.66 0.00	39.15 0.72 0.00	46.70 0.64 0.00	44.80 0.38 0.00	45.26 0.40 0.00	47.47 0.25 0.00	46.17 0.01 0.00	48.76 -0.01 0.00	50.47 0.25 -0.02	45.71 0.00 -0.22	47.67 0.08 0.00	50.53 0.06 0.00	48.05 0.19 0.00	50.89 -0.01 0.00	49.66 -0.14 0.00	42.27 0.08 0.00	44.64 0.07 0.00
BOC_GAS_DRP 24189	46.82 0.37 0.00	44.17 0.16 0.00	39.71 0.29 0.00	38.87 0.38 0.00	38.93 0.30 0.00	44.09 0.41 0.00	41.22 0.50 0.00	33.39 0.51 0.00	39.03 0.61 0.00	46.68 0.62 0.00	45.01 0.59 0.00	45.54 0.69 0.00	47.84 0.63 0.00	47.00 0.85 0.00	49.82 1.05 0.00	51.38 1.18 0.00	46.51 1.01 0.00	49.68 1.09 -1.00	51.44 0.97 0.00	48.69 0.83 0.00	51.55 0.65 0.00	50.32 0.52 0.00	42.86 0.67 0.00	45.26 0.69 0.00
BOONVILLE_115KV_TB1 79983	48.18 1.74 0.00	45.61 1.60 0.00	40.73 1.32 0.00	39.70 1.21 0.00	39.78 1.16 0.00	44.94 1.25 0.00	41.83 1.11 0.00	33.71 0.83 0.00	39.44 1.02 0.00	47.25 1.19 0.00	45.34 0.92 0.00	45.54 0.69 0.00	47.81 0.59 0.00	46.56 0.40 0.00	49.28 0.51 0.00	51.02 0.82 0.00	46.37 0.87 0.00	48.53 0.95 0.00	51.72 1.25 0.00	49.13 1.27 0.00	52.13 1.23 0.00	50.69 0.88 0.00	42.85 0.66 0.00	45.07 0.50 0.00
BORALEX_4TH_BRANCH 23824	48.23 1.78 0.00	45.28 1.27 0.00	40.75 1.33 0.00	39.82 1.33 0.00	39.91 1.29 0.00	45.24 1.55 0.00	42.30 1.59 0.00	34.21 1.33 0.00	39.99 1.57 0.00	47.59 1.53 0.00	45.68 1.26 0.00	46.15 1.30 0.00	48.50 1.28 0.00	47.78 1.63 0.00	50.93 2.16 0.00	52.40 2.16 -0.05	48.06 2.08 -0.48	51.54 2.41 -1.54	52.90 2.43 0.00	50.11 2.25 0.00	52.95 2.06 0.00	51.74 1.93 0.00	44.21 2.02 0.00	46.84 2.27 0.00
BOWLINE___1 23526	47.90 1.46 0.00	45.13 1.12 0.00	40.47 1.05 0.00	39.66 1.17 0.00	39.74 1.12 0.00	45.12 1.44 0.00	42.47 1.74 0.00	34.49 1.61 0.00	40.32 1.90 0.00	48.34 2.28 0.00	46.86 2.45 0.00	47.69 2.84 0.00	50.04 2.83 0.00	49.43 3.27 0.00	52.44 3.67 0.00	54.35 3.89 -0.26	51.53 3.44 -2.59	36.81 3.43 14.20	53.48 3.00 0.00	50.38 2.52 0.00	53.32 2.42 0.00	51.97 2.16 0.00	44.44 2.25 0.00	46.80 2.23 0.00
BOWLINE___2 23595	47.90 1.46 0.00	45.13 1.12 0.00	40.47 1.05 0.00	39.66 1.17 0.00	39.74 1.12 0.00	45.12 1.44 0.00	42.46 1.74 0.00	34.48 1.59 0.00	40.27 1.85 0.00	48.27 2.20 0.00	46.79 2.37 0.00	47.61 2.76 0.00	49.97 2.76 0.00	49.35 3.20 0.00	52.37 3.60 0.00	54.26 3.81 -0.26	51.46 3.37 -2.59	36.73 3.36 14.21	53.41 2.93 0.00	50.31 2.45 0.00	53.24 2.34 0.00	51.88 2.08 0.00	44.38 2.19 0.00	46.72 2.15 0.00
BRADY___115KV_TB2 356060	48.36 1.92 0.00	45.88 1.87 0.00	40.95 1.52 0.00	39.80 1.31 0.00	39.98 1.35 0.00	45.35 1.67 0.00	42.26 1.54 0.00	34.03 1.15 0.00	39.71 1.29 0.00	47.68 1.61 0.00	45.70 1.28 0.00	45.83 0.98 0.00	48.27 1.05 0.00	46.64 0.49 0.00	49.15 0.39 0.00	50.37 0.18 0.00	46.01 0.52 0.00	47.77 0.19 0.00	51.09 0.61 0.00	48.69 0.83 0.00	52.28 1.38 0.00	51.41 1.61 0.00	43.19 1.00 0.00	45.69 1.12 0.00
BRANSCOMB___SOLAR 323811	48.09 1.65 0.00	45.26 1.25 0.00	40.67 1.25 0.00	39.77 1.28 0.00	39.88 1.26 0.00	45.11 1.43 0.00	42.18 1.46 0.00	34.11 1.23 0.00	39.80 1.38 0.00	47.41 1.34 0.00	45.58 1.17 0.00	46.14 1.29 0.00	48.58 1.36 0.00	47.89 1.74 0.00	51.03 2.26 0.00	52.56 2.34 -0.02	47.96 2.26 -0.21	51.36 2.64 -1.13	53.25 2.77 0.00	50.57 2.71 0.00	53.54 2.64 0.00	52.13 2.33 0.00	44.32 2.12 0.00	46.86 2.29 0.00
BRDGHMPT_69_KV_BK1 55812	48.68 2.23 0.00	46.04 2.03 0.00	41.20 1.78 0.00	40.20 1.71 0.00	40.25 1.62 0.00	45.20 1.52 0.00	42.38 1.66 0.00	34.74 1.86 0.00	40.55 2.14 0.00	48.72 2.66 0.00	47.23 2.81 0.00	48.58 3.72 0.00	50.22 3.29 0.29	48.97 3.27 0.46	50.49 3.53 1.80	47.85 4.10 6.45	52.25 4.05 -2.70	59.59 4.16 -7.84	54.06 3.58 0.00	50.75 2.89 0.00	53.99 3.09 0.00	50.70 2.34 1.44	29.59 2.36 14.96	38.10 1.76 8.23

BRENTWOD_69_KV_W. BRTWOOD 56703	48.15 1.70 0.00	45.48 1.47 0.00	40.86 1.44 0.00	39.99 1.49 0.00	40.04 1.42 0.00	45.22 1.53 0.00	42.50 1.79 0.00	34.58 1.70 0.00	40.26 1.84 0.00	48.42 2.36 0.00	46.97 2.55 0.00	47.80 2.95 0.00	49.66 2.72 0.28	48.80 3.13 0.49	50.06 3.51 2.23	45.93 3.92 8.20	51.94 3.74 -2.70	59.08 3.66 -7.84	53.48 3.00 0.00	50.39 2.52 0.00	53.57 2.67 0.00	50.54 2.14 1.41	29.78 2.25 14.66	38.67 2.17 8.07
BRISTLHL_115KV_TB1 79998	45.39 -1.05 0.00	43.16 -0.85 0.00	38.57 -0.85 0.00	37.69 -0.81 0.00	37.85 -0.77 0.00	42.73 -0.95 0.00	39.73 -0.99 0.00	32.08 -0.80 0.00	37.48 -0.94 0.00	44.95 -1.11 0.00	43.43 -0.98 0.00	43.83 -1.02 0.00	46.07 -1.15 0.00	45.05 -1.10 0.00	47.68 -1.09 0.00	49.19 -1.01 0.00	44.49 -1.00 0.00	46.59 -1.00 0.00	49.62 -0.86 0.00	47.08 -0.79 0.00	49.94 -0.96 0.00	48.63 -1.18 0.00	41.18 -1.01 0.00	43.44 -1.13 0.00
BROOKHAVEN___DRP 24191	47.54 1.10 0.00	44.91 0.90 0.00	40.31 0.89 0.00	39.41 0.92 0.00	39.46 0.83 0.00	44.53 0.85 0.00	41.81 1.09 0.00	34.08 1.19 0.00	39.69 1.27 0.00	47.70 1.64 0.00	46.31 1.89 0.00	47.26 2.41 0.00	49.05 2.13 0.29	48.25 2.56 0.46	49.84 2.84 1.77	47.11 3.23 6.32	51.33 3.13 -2.70	58.64 3.21 -7.84	53.04 2.57 0.00	49.89 2.03 0.00	53.14 2.24 0.00	50.08 1.71 1.44	29.13 1.90 14.97	37.85 1.51 8.23
BROOKLYN_NAVY_YARD 23515	47.94 1.49 0.00	45.11 1.10 0.01	40.47 1.05 0.00	39.67 1.19 0.00	39.80 1.17 0.00	45.24 1.55 0.00	42.64 1.92 0.00	34.71 1.83 0.00	40.68 2.26 0.00	48.81 2.74 0.00	47.37 2.95 0.00	48.24 3.39 0.00	50.71 3.33 -0.17	50.10 3.83 -0.11	53.07 4.30 0.00	55.03 4.56 -0.27	52.17 3.97 -2.70	59.41 3.95 -7.87	53.96 3.48 0.00	50.74 2.87 0.00	53.60 2.70 0.00	52.26 2.46 0.00	44.79 2.60 0.00	47.13 2.56 0.00
BROOKLYN___ARMY_DRP 323595	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 -0.01	53.44 4.67 -0.27	55.40 4.93 -2.70	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
BROOME_2_LFGE 323671	46.47 0.02 0.00	43.93 -0.08 0.00	39.06 -0.36 0.00	38.32 -0.17 0.00	38.58 -0.05 0.00	43.53 -0.15 0.00	40.67 -0.05 0.00	32.83 -0.05 0.00	38.33 -0.09 0.00	45.91 -0.16 0.00	44.35 -0.07 0.00	44.78 -0.08 0.00	46.99 -0.19 0.04	46.09 -0.07 0.00	48.81 0.05 0.00	50.30 0.08 -0.02	45.68 -0.02 -0.20	45.37 -0.02 2.19	50.72 0.24 0.00	48.12 0.26 0.00	51.15 0.25 0.00	49.68 -0.13 0.00	42.04 -0.14 0.01	44.46 -0.11 0.00
BROOME___LFGE 323600	46.47 0.02 0.00	43.93 -0.08 0.00	39.06 -0.36 0.00	38.32 -0.17 0.00	38.58 -0.05 0.00	43.53 -0.15 0.00	40.67 -0.05 0.00	32.83 -0.05 0.00	38.33 -0.09 0.00	45.91 -0.16 0.00	44.35 -0.07 0.00	44.78 -0.08 0.00	46.99 -0.19 0.04	46.09 -0.07 0.00	48.81 0.05 0.00	50.30 0.08 -0.02	45.68 -0.02 -0.20	45.37 -0.02 2.19	50.72 0.24 0.00	48.12 0.26 0.00	51.15 0.25 0.00	49.68 -0.13 0.00	42.04 -0.14 0.01	44.46 -0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	48.45 2.01 0.00	45.93 1.92 0.00	40.97 1.54 0.00	39.81 1.32 0.00	39.87 1.25 0.00	45.09 1.41 0.00	41.96 1.24 0.00	33.76 0.88 0.00	39.46 1.05 0.00	47.32 1.26 0.00	45.15 0.73 0.00	45.18 0.32 0.00	47.40 0.18 0.00	45.70 -0.46 0.00	48.35 -0.42 0.00	49.98 -0.22 0.00	45.40 -0.10 0.00	47.49 -0.09 0.00	50.72 0.25 0.00	48.14 0.27 0.00	51.33 0.43 0.00	50.23 0.42 0.00	42.41 0.22 0.00	44.63 0.06 0.00
BROWNSV1_27_KV_LOAD 356125	48.60 2.16 0.00	45.72 1.71 0.00	41.01 1.59 0.00	40.17 1.68 0.00	40.28 1.65 0.00	45.78 2.10 0.00	43.15 2.44 0.00	35.16 2.28 0.00	41.21 2.79 0.00	49.49 3.42 0.00	48.05 3.64 0.00	48.94 4.09 0.00	51.28 4.06 0.00	50.68 4.53 0.00	53.82 5.06 0.00	55.82 5.36 -0.27	52.92 4.72 -2.70	60.15 4.69 -7.87	54.78 4.31 0.00	51.52 3.66 0.00	54.43 3.53 0.00	53.07 3.27 0.00	45.44 3.25 0.00	47.81 3.24 0.00
BURROWS___LYONSDAL 23803	48.30 1.85 0.00	45.73 1.72 0.00	40.83 1.41 0.00	39.76 1.27 0.00	39.79 1.17 0.00	44.94 1.25 0.00	41.80 1.08 0.00	33.65 0.77 0.00	39.38 0.96 0.00	47.20 1.14 0.00	45.16 0.75 0.00	45.27 0.42 0.00	47.48 0.26 0.00	46.11 -0.04 0.00	48.84 0.07 0.00	50.66 0.46 0.00	46.04 0.54 0.00	48.24 0.65 0.00	51.43 0.95 0.00	48.80 0.94 0.00	51.77 0.87 0.00	50.34 0.54 0.00	42.55 0.36 0.00	44.72 0.15 0.00
CAITHNESS_CC_1 323624	47.54 1.10 0.00	44.91 0.90 0.00	40.32 0.90 0.00	39.43 0.94 0.00	39.47 0.85 0.00	44.55 0.87 0.00	41.84 1.12 0.00	34.07 1.19 0.00	39.70 1.28 0.00	47.71 1.65 0.00	46.31 1.90 0.00	47.24 2.38 0.00	49.03 2.11 0.29	48.25 2.55 0.46	49.86 2.84 1.74	47.18 3.19 6.21	51.29 3.08 -2.70	58.58 3.15 -7.84	52.97 2.49 0.00	49.83 1.97 0.00	53.00 2.10 0.00	49.96 1.59 1.44	29.02 1.80 14.97	37.84 1.51 8.24
CALPINE BETH_PAGE_GT4 24209	47.88 1.43 0.00	45.32 1.30 0.00	40.66 1.25 0.00	39.79 1.30 0.00	39.86 1.24 0.00	45.09 1.41 0.00	42.39 1.67 0.00	34.39 1.51 0.00	40.16 1.74 0.00	48.32 2.26 0.00	46.88 2.47 0.00	47.74 2.89 0.00	49.72 2.68 0.17	49.05 3.10 0.21	51.65 3.56 0.68	52.04 3.91 2.07	51.83 3.62 -2.70	59.15 3.72 -7.84	53.47 3.00 0.00	50.34 2.48 0.00	53.32 2.42 0.00	50.83 2.05 1.02	33.68 2.15 10.66	40.89 2.18 5.86
CALPINE_BETH_PAGE_GT_4 323586	47.87 1.43 0.00	45.32 1.31 0.00	40.67 1.25 0.00	39.79 1.30 0.00	39.86 1.23 0.00	45.09 1.41 0.00	42.39 1.67 0.00	34.38 1.50 0.00	40.16 1.74 0.00	48.32 2.26 0.00	46.88 2.47 0.00	47.74 2.89 0.00	49.72 2.68 0.17	49.05 3.10 0.21	51.65 3.57 0.68	52.04 3.91 2.07	51.83 3.63 -2.70	59.15 3.72 -7.84	53.47 3.00 0.00	50.34 2.48 0.00	53.33 2.43 0.00	50.83 2.05 1.02	33.66 2.13 10.66	40.90 2.19 5.86
CALPINE_BP_GT1 23823	47.87 1.43 0.00	45.32 1.31 0.00	40.67 1.25 0.00	39.79 1.30 0.00	39.86 1.23 0.00	45.09 1.41 0.00	42.39 1.67 0.00	34.38 1.50 0.00	40.16 1.74 0.00	48.32 2.26 0.00	46.88 2.47 0.00	47.74 2.89 0.00	49.72 2.68 0.17	49.05 3.10 0.21	51.65 3.57 0.68	52.04 3.91 2.07	51.83 3.63 -2.70	59.15 3.72 -7.84	53.47 3.00 0.00	50.34 2.48 0.00	53.33 2.43 0.00	50.83 2.05 1.02	33.66 2.13 10.66	40.90 2.19 5.86
CALSPAN___DRP 24200	45.25 -1.20 0.00	42.68 -1.33 0.00	37.70 -1.72 0.00	36.72 -1.77 0.00	37.19 -1.43 0.00	41.84 -1.85 0.00	38.76 -1.96 0.00	27.44 -1.70 3.74	36.28 -2.14 0.00	43.66 -2.40 0.00	42.49 -1.92 0.00	41.99 -2.87 0.00	44.06 -3.09 0.07	42.71 -3.44 0.00	45.04 -3.73 0.00	46.87 -3.34 -0.01	42.40 -3.21 -0.10	42.32 -3.14 2.13	47.36 -3.11 0.00	45.79 -2.07 0.00	49.04 -1.86 0.00	47.27 -2.53 0.00	40.02 -2.15 0.02	42.93 -1.64 0.00

CALVERTON___SOLAR 323806	47.61 1.16 0.00	44.96 0.95 0.00	40.35 0.93 0.00	39.45 0.95 0.00	39.50 0.87 0.00	44.55 0.86 0.00	41.82 1.11 0.00	34.10 1.22 0.00	39.73 1.31 0.00	47.76 1.69 0.00	46.35 1.93 0.00	47.33 2.48 0.00	49.11 2.19 0.29	48.30 2.61 0.46	49.88 2.90 1.78	47.14 3.30 6.36	51.43 3.23 -2.70	58.75 3.32 -7.84	53.18 2.70 0.00	50.02 2.16 0.00	53.31 2.41 0.00	50.21 1.84 1.44	29.20 1.97 14.96	37.86 1.53 8.23
CANDIGU_WT_PWR 323617	45.32 -1.13 0.00	42.46 -1.55 0.00	37.22 -2.20 0.00	36.50 -2.00 0.00	36.84 -1.79 0.00	41.58 -2.11 0.00	38.74 -1.98 0.00	7.66 -1.78 23.44	28.95 -2.52 6.96	43.47 -2.60 0.00	42.06 -2.36 0.00	41.94 -2.91 0.00	43.65 -3.44 0.12	42.87 -3.29 0.00	45.22 -3.55 0.00	46.64 -3.57 -0.01	42.64 -3.01 -0.14	40.16 -2.99 4.44	47.78 -2.69 0.00	45.29 -2.57 0.00	48.25 -2.65 0.00	46.70 -3.10 0.00	39.46 -2.70 0.04	42.09 -2.48 0.00
CARR STREET_E__SYR 24060	45.91 -0.53 0.00	43.61 -0.40 0.00	38.94 -0.48 0.00	38.06 -0.43 0.00	38.25 -0.38 0.00	43.19 -0.49 0.00	40.18 -0.54 0.00	32.43 -0.45 0.00	37.87 -0.55 0.00	45.43 -0.63 0.00	43.94 -0.48 0.00	44.36 -0.49 0.00	46.66 -0.55 0.00	45.67 -0.48 0.00	48.34 -0.43 0.00	49.90 -0.30 0.00	45.18 -0.31 0.00	47.30 -0.28 0.00	50.29 -0.18 0.00	47.75 -0.11 0.00	50.66 -0.24 0.00	49.27 -0.53 0.00	41.68 -0.51 0.00	43.98 -0.59 0.00
CARTHAGE___PAPER 23857	49.31 2.87 0.00	46.69 2.68 0.00	41.63 2.21 0.00	40.45 1.96 0.00	40.41 1.79 0.00	45.58 1.90 0.00	42.35 1.63 0.00	34.05 1.17 0.00	39.83 1.41 0.00	47.77 1.70 0.00	45.26 0.84 0.00	45.38 0.52 0.00	47.39 0.18 0.00	45.37 -0.79 0.00	48.40 -0.37 0.00	50.46 0.26 0.00	45.55 0.05 0.00	48.15 0.56 0.00	51.64 1.17 0.00	48.87 1.01 0.00	51.95 1.05 0.00	50.48 0.67 0.00	42.75 0.56 0.00	44.62 0.05 0.00
CASSADAGA_WT_PWR 323784	44.25 -2.20 0.00	41.18 -2.84 0.00	36.88 -2.54 0.00	35.79 -2.70 0.00	35.86 -2.76 0.00	40.62 -3.06 0.00	38.22 -2.50 0.00	28.13 -2.30 2.45	35.63 -2.79 0.00	42.78 -3.28 0.00	41.59 -2.82 0.00	41.17 -3.69 0.00	43.26 -3.88 0.08	41.84 -4.31 0.00	44.01 -4.75 0.00	46.04 -4.17 -0.01	41.53 -4.08 -0.11	41.30 -3.91 2.38	46.30 -4.17 0.00	44.86 -3.01 0.00	48.04 -2.86 0.00	46.51 -3.29 0.00	39.51 -2.66 0.02	42.60 -1.97 0.00
CE_DUNWOOD___DRP 24194	48.04 1.60 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.76 1.26 0.00	39.85 1.22 0.00	45.24 1.56 0.00	42.59 1.87 0.00	34.63 1.75 0.00	40.52 2.11 0.00	48.60 2.54 0.00	47.13 2.71 0.00	47.97 3.12 0.00	50.31 3.10 0.00	49.70 3.55 0.00	52.76 4.00 0.00	54.70 4.23 -0.27	51.96 3.76 -2.70	59.45 3.75 -8.11	53.82 3.35 0.00	50.68 2.82 0.00	53.59 2.69 0.00	52.23 2.43 0.00	44.69 2.50 0.00	47.06 2.49 0.00
CE_MILLWOOD___DRP 24193	47.97 1.52 0.00	45.17 1.16 0.00	40.53 1.11 0.00	39.70 1.21 0.00	39.79 1.16 0.00	45.18 1.49 0.00	42.51 1.80 0.00	34.56 1.68 0.00	40.44 2.02 0.00	48.49 2.42 0.00	47.01 2.60 0.00	47.84 2.99 0.00	50.18 2.97 0.00	49.57 3.42 0.00	52.63 3.86 0.00	54.55 4.09 -0.27	51.81 3.63 -2.68	59.45 3.63 -8.23	53.71 3.24 0.00	50.58 2.72 0.00	53.52 2.61 0.00	52.14 2.34 0.00	44.60 2.41 0.00	46.97 2.40 0.00
CE_NYC2_DRP 24202	48.12 1.67 0.00	45.32 1.31 0.00	40.66 1.24 0.00	39.85 1.36 0.00	39.93 1.31 0.00	45.40 1.71 0.00	42.81 2.09 0.00	34.85 1.97 0.00	40.81 2.39 0.00	48.98 2.92 0.00	47.57 3.15 0.00	48.41 3.55 0.00	50.69 3.47 0.00	50.08 3.93 0.00	53.16 4.40 0.00	55.08 4.62 -0.27	52.26 4.06 -2.70	59.40 3.95 -7.86	53.96 3.49 0.00	50.76 2.90 0.00	53.66 2.76 0.00	52.38 2.58 0.00	44.93 2.74 0.00	47.30 2.73 0.00
CE_NYC_DRP 24195	48.18 1.73 0.00	45.34 1.32 0.00	40.66 1.24 0.00	39.86 1.37 0.00	39.96 1.34 0.00	45.41 1.73 0.00	42.79 2.07 0.00	34.84 1.96 0.00	40.82 2.40 0.00	48.99 2.92 0.00	47.57 3.15 0.00	48.43 3.57 0.00	50.73 3.51 0.00	50.13 3.97 0.00	53.43 4.46 -0.20	55.23 4.72 -0.31	52.35 4.15 -2.70	60.85 4.14 -9.13	54.40 3.70 -0.22	50.94 3.08 0.00	53.85 2.95 0.00	52.51 2.71 0.00	44.97 2.78 0.00	47.34 2.77 0.00
CHAFFEE___LFGE 323603	45.50 -0.94 0.00	42.91 -1.10 0.00	37.90 -1.52 0.00	36.93 -1.56 0.00	37.42 -1.21 0.00	42.08 -1.60 0.00	39.02 -1.70 0.00	28.45 -1.42 3.02	36.58 -1.84 0.00	43.99 -2.07 0.00	42.82 -1.60 0.00	42.33 -2.52 0.00	44.36 -2.78 0.08	43.04 -3.11 0.00	45.41 -3.36 0.00	47.19 -3.02 -0.01	42.69 -2.92 -0.11	42.44 -2.84 2.31	47.67 -2.80 0.00	46.07 -1.79 0.00	49.35 -1.55 0.00	47.56 -2.24 0.00	40.24 -1.93 0.02	43.13 -1.44 0.00
CHATEAUG_35_KV_LOAD 355732	47.54 1.10 0.00	45.03 1.02 0.00	40.35 0.93 0.00	39.27 0.78 0.00	39.45 0.83 0.00	44.65 0.97 0.00	41.63 0.92 0.00	33.43 0.55 0.00	39.10 0.68 0.00	46.85 0.79 0.00	45.02 0.60 0.00	45.34 0.49 0.00	47.58 0.37 0.00	46.07 -0.09 0.00	48.55 -0.22 0.00	49.62 -0.58 0.00	45.14 -0.36 0.00	47.42 -0.17 0.00	50.76 0.28 0.00	48.37 0.51 0.00	51.78 0.88 0.00	50.85 1.05 0.00	42.48 0.29 0.00	44.83 0.26 0.00
CHATEAUG_WT_PWR 323614	47.45 1.01 0.00	44.96 0.94 0.00	40.30 0.88 0.00	39.23 0.74 0.00	39.42 0.79 0.00	44.59 0.91 0.00	41.59 0.87 0.00	33.39 0.51 0.00	39.07 0.65 0.00	46.87 0.81 0.00	45.05 0.63 0.00	45.39 0.53 0.00	47.63 0.41 0.00	46.13 -0.03 0.00	48.64 -0.13 0.00	49.71 -0.49 0.00	45.21 -0.29 0.00	47.50 -0.09 0.00	50.70 0.22 0.00	48.34 0.48 0.00	51.66 0.76 0.00	50.73 0.92 0.00	42.43 0.24 0.00	44.78 0.20 0.00
CHAT_HIGH_FALL_HYD 323578	47.54 1.10 0.00	45.03 1.02 0.00	40.35 0.93 0.00	39.27 0.78 0.00	39.45 0.83 0.00	44.65 0.97 0.00	41.63 0.92 0.00	33.43 0.55 0.00	39.10 0.68 0.00	46.85 0.79 0.00	45.02 0.60 0.00	45.34 0.49 0.00	47.58 0.37 0.00	46.07 -0.09 0.00	48.55 -0.22 0.00	49.62 -0.58 0.00	45.14 -0.36 0.00	47.42 -0.17 0.00	50.76 0.28 0.00	48.37 0.51 0.00	51.78 0.88 0.00	50.85 1.05 0.00	42.48 0.29 0.00	44.83 0.26 0.00
CHAUTAUQUA___LFGE 323629	44.82 -1.63 0.00	42.06 -1.96 0.00	37.33 -2.09 0.00	36.27 -2.22 0.00	36.60 -2.03 0.00	41.27 -2.42 0.00	38.47 -2.24 0.00	27.84 -2.00 3.04	35.97 -2.45 0.00	43.21 -2.86 0.00	42.07 -2.35 0.00	41.64 -3.22 0.00	43.72 -3.42 0.08	42.32 -3.84 0.00	44.60 -4.16 0.00	46.53 -3.67 -0.01	42.04 -3.57 -0.10	41.88 -3.48 2.22	46.91 -3.57 0.00	45.41 -2.46 0.00	48.62 -2.28 0.00	46.97 -2.83 0.00	39.82 -2.35 0.02	42.83 -1.74 0.00
CHERRYST_13_KV_LD 356241	48.33 1.88 0.00	45.47 1.46 0.00	40.78 1.36 0.00	39.97 1.48 0.00	40.08 1.46 0.00	45.55 1.87 0.00	42.93 2.22 0.00	34.97 2.09 0.00	40.97 2.55 0.00	49.20 3.13 0.00	47.76 3.34 0.00	48.63 3.77 0.00	50.93 3.72 0.00	50.35 4.19 0.00	53.45 4.68 0.00	55.42 4.95 -0.27	52.55 4.35 -2.70	59.80 4.34 -7.87	54.38 3.91 0.00	51.12 3.26 0.00	54.02 3.12 0.00	52.68 2.87 0.00	45.12 2.93 0.00	47.48 2.91 0.00

CHESTROR_138KV_BK263 355645	47.78 1.33 0.00	45.02 1.01 0.00	40.37 0.95 0.00	39.56 1.07 0.00	39.63 1.01 0.00	44.98 1.29 0.00	42.28 1.56 0.00	34.35 1.47 0.00	40.15 1.73 0.00	48.11 2.04 0.00	46.61 2.19 0.00	47.39 2.53 0.00	49.76 2.54 0.00	49.12 2.96 0.00	52.14 3.37 0.00	54.00 3.56 -0.24	51.15 3.22 -2.44	39.58 3.23 11.23	53.40 2.92 0.00	50.35 2.49 0.00	53.28 2.38 0.00	51.89 2.09 0.00	44.32 2.13 0.00	46.68 2.11 0.00
CH_MIDHUDSON___DRP 24192	48.00 1.55 0.00	45.18 1.17 0.00	40.54 1.12 0.00	39.70 1.21 0.00	39.78 1.15 0.00	45.14 1.46 0.00	42.44 1.72 0.00	34.51 1.63 0.00	40.38 1.96 0.00	48.40 2.33 0.00	46.88 2.46 0.00	47.68 2.82 0.00	50.06 2.85 0.00	49.46 3.31 0.00	52.53 3.76 0.00	54.47 4.01 -0.27	51.78 3.61 -2.67	52.48 3.70 -1.19	53.91 3.44 0.00	50.82 2.95 0.00	53.72 2.82 0.00	52.31 2.51 0.00	44.64 2.45 0.00	47.02 2.45 0.00
CH_MISC_IPPS 23765	48.34 1.90 0.00	45.50 1.49 0.00	40.81 1.39 0.00	39.96 1.47 0.00	40.05 1.42 0.00	45.46 1.77 0.00	42.74 2.02 0.00	34.75 1.87 0.00	40.68 2.26 0.00	48.78 2.72 0.00	47.28 2.87 0.00	48.09 3.23 0.00	50.52 3.31 0.00	49.94 3.78 0.00	53.04 4.27 0.00	55.00 4.55 -0.26	52.21 4.10 -2.61	51.77 4.18 0.00	54.43 3.96 0.00	51.30 3.44 0.00	54.23 3.33 0.00	52.77 2.97 0.00	45.00 2.80 0.00	47.36 2.79 0.00
CH_RES_BVR_FALLS 23983	46.61 0.17 0.00	44.18 0.17 0.00	39.56 0.14 0.00	38.52 0.03 0.00	38.64 0.02 0.00	43.71 0.02 0.00	40.73 0.01 0.00	32.82 -0.05 0.00	38.36 -0.06 0.00	46.05 -0.01 0.00	44.28 -0.14 0.00	44.66 -0.20 0.00	46.97 -0.24 0.00	45.73 -0.42 0.00	48.27 -0.50 0.00	49.76 -0.44 0.00	45.06 -0.44 0.00	47.17 -0.42 0.00	50.13 -0.34 0.00	47.44 -0.42 0.00	50.37 -0.53 0.00	49.33 -0.48 0.00	41.73 -0.46 0.00	44.07 -0.50 0.00
CH_RES_NIAGARA 23895	44.12 -2.33 0.00	41.80 -2.21 0.00	37.01 -2.41 0.00	35.99 -2.50 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.04 -2.68 0.00	27.63 -2.29 2.95	35.66 -2.76 0.00	42.82 -3.24 0.00	41.73 -2.68 0.00	41.19 -3.67 0.00	43.04 -4.11 0.06	41.57 -4.59 0.00	43.82 -4.94 0.00	45.45 -4.76 -0.01	41.09 -4.51 -0.10	41.33 -4.41 1.85	45.93 -4.54 0.00	44.59 -3.27 0.00	47.82 -3.08 0.00	46.13 -3.67 0.00	39.22 -2.96 0.02	42.29 -2.28 0.00
CH_RES_SYRACUSE 23985	46.18 -0.26 0.00	43.86 -0.15 0.00	39.16 -0.26 0.00	38.27 -0.22 0.00	38.44 -0.19 0.00	43.41 -0.28 0.00	40.39 -0.32 0.00	32.58 -0.30 0.00	38.06 -0.36 0.00	45.63 -0.43 0.00	44.14 -0.28 0.00	44.54 -0.31 0.00	46.88 -0.34 0.00	45.92 -0.24 0.00	48.58 -0.19 0.00	50.15 -0.05 0.00	45.44 -0.06 0.00	47.57 -0.02 0.00	50.63 0.16 0.00	48.05 0.19 0.00	50.97 0.07 0.00	49.57 -0.24 0.00	41.89 -0.30 0.00	44.20 -0.37 0.00
CLINTON_WT_PWR 323605	47.45 1.01 0.00	44.96 0.94 0.00	40.30 0.88 0.00	39.23 0.74 0.00	39.42 0.79 0.00	44.59 0.91 0.00	41.59 0.87 0.00	33.39 0.51 0.00	39.07 0.65 0.00	46.87 0.81 0.00	45.05 0.63 0.00	45.39 0.53 0.00	47.63 0.41 0.00	46.13 -0.03 0.00	48.64 -0.13 0.00	49.71 -0.49 0.00	45.21 -0.29 0.00	47.50 -0.09 0.00	50.70 0.22 0.00	48.34 0.48 0.00	51.66 0.76 0.00	50.73 0.92 0.00	42.43 0.24 0.00	44.78 0.20 0.00
CLINTON___LFGE 323618	48.17 1.72 0.00	45.58 1.57 0.00	40.90 1.48 0.00	39.83 1.34 0.00	40.00 1.38 0.00	45.24 1.55 0.00	42.21 1.49 0.00	33.90 1.02 0.00	39.69 1.27 0.00	47.50 1.44 0.00	45.61 1.19 0.00	46.00 1.15 0.00	48.23 1.02 0.00	46.81 0.65 0.00	49.46 0.69 0.00	50.27 0.07 0.00	45.86 0.36 0.00	48.25 0.67 0.00	51.62 1.14 0.00	49.20 1.33 0.00	52.61 1.71 0.00	51.63 1.83 0.00	43.11 0.92 0.00	45.50 0.93 0.00
COBBLENY_34_KV_TB1 80064	45.50 -0.94 0.00	42.93 -1.09 0.00	37.90 -1.52 0.00	36.93 -1.56 0.00	37.41 -1.21 0.00	42.08 -1.60 0.00	39.02 -1.70 0.00	28.40 -1.47 3.02	36.57 -1.85 0.00	43.99 -2.07 0.00	42.82 -1.60 0.00	42.33 -2.53 0.00	44.36 -2.78 0.08	43.04 -3.12 0.00	45.41 -3.36 0.00	47.17 -3.04 -0.01	42.69 -2.92 -0.11	42.47 -2.81 2.31	47.67 -2.80 0.00	46.10 -1.76 0.00	49.37 -1.53 0.00	47.57 -2.24 0.00	40.25 -1.92 0.02	43.14 -1.43 0.00
COFFEEN___115KV_TB3 355620	49.44 2.99 0.00	46.82 2.81 0.00	41.71 2.30 0.00	40.54 2.05 0.00	40.51 1.89 0.00	45.65 1.97 0.00	42.40 1.68 0.00	34.11 1.23 0.00	39.91 1.49 0.00	47.90 1.83 0.00	45.24 0.82 0.00	45.35 0.50 0.00	47.22 0.00 0.00	45.26 -0.89 0.00	48.59 -0.18 0.00	50.72 0.52 0.00	45.40 -0.09 0.00	48.62 1.03 0.00	52.14 1.67 0.00	49.31 1.45 0.00	52.36 1.46 0.00	50.78 0.98 0.00	42.84 0.65 0.00	44.76 0.19 0.00
COLDSPRG_115KV_BK1 355956	45.57 -0.87 0.00	42.79 -1.23 0.00	38.00 -1.42 0.00	37.19 -1.30 0.00	37.54 -1.08 0.00	42.41 -1.28 0.00	39.70 -1.02 0.00	30.41 -0.95 1.52	37.28 -1.14 0.00	44.75 -1.31 0.00	43.41 -1.01 0.00	42.82 -2.04 0.00	44.80 -2.33 0.09	43.30 -2.85 0.00	45.57 -3.20 0.00	47.42 -2.79 -0.01	42.70 -2.91 -0.11	42.18 -2.78 2.63	47.69 -2.79 0.00	46.02 -1.85 0.00	49.32 -1.58 0.00	47.59 -2.21 0.00	40.48 -1.69 0.03	43.42 -1.15 0.00
COLONIE_LFGE___ 323577	47.55 1.11 0.00	44.74 0.73 0.00	40.25 0.83 0.00	39.35 0.86 0.00	39.44 0.81 0.00	44.67 0.99 0.00	41.76 1.04 0.00	33.81 0.93 0.00	39.50 1.08 0.00	47.14 1.08 0.00	45.40 0.98 0.00	45.93 1.08 0.00	48.33 1.11 0.00	47.58 1.43 0.00	50.58 1.82 0.00	52.15 1.93 -0.03	47.56 1.79 -0.27	50.87 2.05 -1.23	52.55 2.08 0.00	49.81 1.95 0.00	52.68 1.78 0.00	51.39 1.59 0.00	43.77 1.57 0.00	46.26 1.69 0.00
COOPERNY_115KV_TB1 80082	47.46 1.01 0.00	44.74 0.73 0.00	40.11 0.69 0.00	39.32 0.83 0.00	39.40 0.78 0.00	44.68 0.99 0.00	41.95 1.23 0.00	34.04 1.16 0.00	39.77 1.34 0.00	47.65 1.59 0.00	46.14 1.73 0.00	46.87 2.01 0.00	49.22 2.00 0.00	48.53 2.38 0.00	51.46 2.70 0.00	53.25 2.87 -0.18	49.88 2.55 -1.84	42.65 2.58 7.52	52.81 2.33 0.00	49.84 1.98 0.00	52.76 1.86 0.00	51.42 1.62 0.00	43.88 1.69 0.00	46.23 1.66 0.00
COPENHAGEN_WT_PWR 323753	48.83 2.39 0.00	46.27 2.26 0.00	41.25 1.84 0.00	40.04 1.54 0.00	39.96 1.34 0.00	44.96 1.28 0.00	41.72 1.00 0.00	33.51 0.63 0.00	39.31 0.89 0.00	47.22 1.16 0.00	44.67 0.25 0.00	44.50 -0.35 0.00	46.52 -0.70 0.00	44.53 -1.62 0.00	47.68 -1.09 0.00	49.75 -0.44 0.00	44.82 -0.68 0.00	47.64 0.05 0.00	51.09 0.61 0.00	48.03 0.17 0.00	50.96 0.06 0.00	49.49 -0.32 0.00	41.80 -0.39 0.00	43.71 -0.86 0.00
CORNELL_____ 23752	47.27 0.83 0.00	44.72 0.71 0.00	39.77 0.35 0.00	38.92 0.43 0.00	39.12 0.49 0.00	44.19 0.50 0.00	41.23 0.52 0.00	34.56 0.33 -1.35	38.70 0.28 0.00	46.28 0.22 0.00	44.70 0.28 0.00	45.14 0.29 0.00	47.80 0.22 -0.36	46.50 0.34 0.00	49.10 0.33 0.00	50.65 0.44 -0.01	46.09 0.45 -0.14	57.81 0.53 -9.69	51.58 1.11 0.00	49.19 1.33 0.00	52.24 1.34 0.00	50.74 0.93 0.00	42.86 0.56 -0.11	45.11 0.54 0.00

CORONA V_69_KV_TB1 355595	48.32 1.88 0.00	45.55 1.54 0.00	40.85 1.43 0.00	39.98 1.49 0.00	40.04 1.42 0.00	45.34 1.65 0.00	42.64 1.92 0.00	34.69 1.81 0.00	40.56 2.14 0.00	48.79 2.73 0.00	47.38 2.97 0.00	48.28 3.43 0.00	50.86 3.30 -0.34	50.13 3.76 -0.22	52.99 4.23 0.02	54.99 4.52 -0.27	52.34 4.14 -2.70	59.66 4.23 -7.84	54.14 3.67 0.00	50.93 3.07 0.00	53.86 2.96 0.00	52.40 2.60 0.00	44.82 2.63 0.00	47.19 2.62 0.00
CORTLAND_115KV_TB3 80093	46.87 0.42 0.00	44.38 0.37 0.00	39.54 0.12 0.00	38.70 0.21 0.00	38.89 0.27 0.00	43.92 0.24 0.00	40.97 0.25 0.00	33.05 0.17 0.00	38.58 0.16 0.00	46.18 0.11 0.00	44.61 0.19 0.00	45.00 0.15 0.00	47.45 0.13 -0.10	46.44 0.28 0.00	49.08 0.31 0.00	50.61 0.40 -0.01	45.98 0.37 -0.11	50.78 0.37 -2.82	51.18 0.71 0.00	48.71 0.85 0.00	51.72 0.82 0.00	50.26 0.45 0.00	42.49 0.27 -0.03	44.80 0.23 0.00
COXSACKIE___GT 23611	48.52 2.07 0.00	45.63 1.62 0.00	40.99 1.56 0.00	40.11 1.62 0.00	40.16 1.54 0.00	45.55 1.87 0.00	42.61 1.89 0.00	34.56 1.68 0.00	40.38 1.96 0.00	47.84 1.78 0.00	45.66 1.24 0.00	46.09 1.24 0.00	48.69 1.47 0.00	47.84 1.68 0.00	50.97 2.20 0.00	53.07 2.81 -0.06	48.33 2.17 -0.66	50.33 2.74 0.00	53.79 3.31 0.00	51.43 3.57 0.00	54.48 3.58 0.00	52.99 3.19 0.00	44.89 2.69 0.00	47.22 2.65 0.00
CPV_VALLEY___CC1 323721	47.45 1.00 0.00	44.72 0.71 0.00	40.10 0.68 0.00	39.30 0.81 0.00	39.38 0.76 0.00	44.68 0.99 0.00	41.98 1.27 0.00	34.10 1.22 0.00	39.85 1.43 0.00	47.76 1.70 0.00	46.27 1.85 0.00	47.03 2.17 0.00	49.37 2.15 0.00	48.72 2.56 0.00	51.69 2.92 0.00	53.53 3.10 -0.22	50.49 2.77 -2.22	40.84 2.78 9.52	52.90 2.43 0.00	49.90 2.04 0.00	52.81 1.91 0.00	51.44 1.64 0.00	43.96 1.77 0.00	46.31 1.74 0.00
CPV_VALLEY___CC2 323722	47.45 1.00 0.00	44.72 0.71 0.00	40.10 0.68 0.00	39.30 0.81 0.00	39.38 0.76 0.00	44.68 0.99 0.00	41.98 1.27 0.00	34.10 1.22 0.00	39.85 1.43 0.00	47.76 1.70 0.00	46.27 1.85 0.00	47.03 2.17 0.00	49.37 2.15 0.00	48.72 2.56 0.00	51.69 2.92 0.00	53.53 3.10 -0.22	50.49 2.77 -2.22	40.84 2.78 9.52	52.90 2.43 0.00	49.90 2.04 0.00	52.81 1.91 0.00	51.44 1.64 0.00	43.96 1.77 0.00	46.31 1.74 0.00
CRESCENT___HYD 24018	47.55 1.11 0.00	44.74 0.73 0.00	40.25 0.83 0.00	39.35 0.86 0.00	39.44 0.81 0.00	44.67 0.99 0.00	41.76 1.04 0.00	33.81 0.93 0.00	39.50 1.08 0.00	47.14 1.08 0.00	45.40 0.98 0.00	45.93 1.08 0.00	48.33 1.11 0.00	47.58 1.43 0.00	50.58 1.82 0.00	52.15 1.93 -0.03	47.56 1.79 -0.27	50.87 2.05 -1.23	52.55 2.08 0.00	49.81 1.95 0.00	52.68 1.78 0.00	51.39 1.59 0.00	43.77 1.57 0.00	46.26 1.69 0.00
CRICKET___VALLEY_CC1 323756	47.37 0.93 0.00	44.54 0.53 0.00	40.00 0.58 0.00	39.16 0.67 0.00	39.23 0.61 0.00	44.52 0.84 0.00	41.86 1.14 0.00	34.02 1.14 0.00	39.80 1.38 0.00	47.64 1.58 0.00	46.07 1.65 0.00	46.83 1.97 0.00	49.15 1.93 0.00	48.57 2.42 0.00	51.63 2.87 0.00	53.57 3.09 -0.27	51.10 2.86 -2.75	55.13 2.99 -4.55	53.13 2.66 0.00	50.11 2.25 0.00	52.95 2.05 0.00	51.56 1.76 0.00	44.05 1.86 0.00	46.49 1.92 0.00
CRICKET___VALLEY_CC2 323757	47.37 0.93 0.00	44.54 0.53 0.00	40.00 0.58 0.00	39.16 0.67 0.00	39.23 0.61 0.00	44.52 0.84 0.00	41.86 1.14 0.00	34.02 1.14 0.00	39.80 1.38 0.00	47.64 1.58 0.00	46.07 1.65 0.00	46.83 1.97 0.00	49.15 1.93 0.00	48.57 2.42 0.00	51.63 2.87 0.00	53.57 3.09 -0.27	51.10 2.86 -2.75	55.13 2.99 -4.55	53.13 2.66 0.00	50.11 2.25 0.00	52.95 2.05 0.00	51.56 1.76 0.00	44.05 1.86 0.00	46.49 1.92 0.00
CRICKET___VALLEY_CC3 323758	47.37 0.93 0.00	44.54 0.53 0.00	40.00 0.58 0.00	39.16 0.67 0.00	39.23 0.61 0.00	44.52 0.84 0.00	41.86 1.14 0.00	34.02 1.14 0.00	39.80 1.38 0.00	47.64 1.58 0.00	46.07 1.65 0.00	46.83 1.97 0.00	49.15 1.93 0.00	48.57 2.42 0.00	51.63 2.87 0.00	53.57 3.09 -0.27	51.10 2.86 -2.75	55.13 2.99 -4.55	53.13 2.66 0.00	50.11 2.25 0.00	52.95 2.05 0.00	51.56 1.76 0.00	44.05 1.86 0.00	46.49 1.92 0.00
CRUCIBLE_METL_DRP 24180	46.18 -0.26 0.00	43.86 -0.15 0.00	39.16 -0.27 0.00	38.27 -0.22 0.00	38.44 -0.19 0.00	43.41 -0.28 0.00	40.39 -0.32 0.00	32.58 -0.30 0.00	38.06 -0.36 0.00	45.64 -0.43 0.00	44.14 -0.28 0.00	44.54 -0.31 0.00	46.88 -0.34 0.00	45.92 -0.23 0.00	48.58 -0.19 0.00	50.15 -0.05 0.00	45.44 -0.06 0.00	47.57 -0.02 0.00	50.63 0.15 0.00	48.05 0.19 0.00	50.97 0.06 0.00	49.57 -0.23 0.00	41.89 -0.30 0.00	44.21 -0.36 0.00
DAHOWA___HYDRO 323763	48.23 1.78 0.00	45.37 1.36 0.00	40.75 1.33 0.00	39.86 1.37 0.00	39.98 1.36 0.00	45.20 1.51 0.00	42.29 1.57 0.00	34.20 1.32 0.00	39.91 1.50 0.00	47.53 1.47 0.00	45.68 1.26 0.00	46.23 1.38 0.00	48.67 1.46 0.00	48.02 1.87 0.00	51.22 2.46 0.00	52.71 2.49 -0.02	48.15 2.46 -0.19	51.54 2.85 -1.10	53.48 3.00 0.00	50.82 2.96 0.00	53.80 2.91 0.00	52.34 2.54 0.00	44.48 2.28 0.00	47.03 2.46 0.00
DANC___LFGE 323619	47.61 1.17 0.00	45.16 1.14 0.00	40.29 0.87 0.00	39.21 0.72 0.00	39.23 0.60 0.00	44.18 0.50 0.00	41.02 0.30 0.00	33.01 0.13 0.00	38.65 0.23 0.00	46.39 0.33 0.00	44.26 -0.16 0.00	44.31 -0.54 0.00	46.39 -0.82 0.00	44.78 -1.38 0.00	47.75 -1.01 0.00	49.63 -0.57 0.00	44.77 -0.73 0.00	47.30 -0.29 0.00	50.54 0.06 0.00	47.71 -0.15 0.00	50.63 -0.27 0.00	49.24 -0.56 0.00	41.67 -0.52 0.00	43.72 -0.85 0.00
DANSKAMMER___1 23586	48.34 1.90 0.00	45.50 1.49 0.00	40.81 1.39 0.00	39.96 1.47 0.00	40.05 1.42 0.00	45.46 1.77 0.00	42.74 2.02 0.00	34.75 1.87 0.00	40.68 2.26 0.00	48.78 2.72 0.00	47.28 2.87 0.00	48.09 3.23 0.00	50.52 3.31 0.00	49.94 3.78 0.00	53.04 4.27 0.00	55.00 4.55 -0.26	52.21 4.10 -2.61	51.77 4.18 0.00	54.43 3.96 0.00	51.30 3.44 0.00	54.23 3.33 0.00	52.77 2.97 0.00	45.00 2.80 0.00	47.36 2.79 0.00
DANSKAMMER___2 23589	48.34 1.90 0.00	45.50 1.49 0.00	40.81 1.39 0.00	39.96 1.47 0.00	40.05 1.42 0.00	45.46 1.77 0.00	42.74 2.02 0.00	34.75 1.87 0.00	40.68 2.26 0.00	48.78 2.72 0.00	47.28 2.87 0.00	48.09 3.23 0.00	50.52 3.31 0.00	49.94 3.78 0.00	53.04 4.27 0.00	55.00 4.55 -0.26	52.21 4.10 -2.61	51.77 4.18 0.00	54.43 3.96 0.00	51.30 3.44 0.00	54.23 3.33 0.00	52.77 2.97 0.00	45.00 2.80 0.00	47.36 2.79 0.00
DANSKAMMER___3 23590	48.34 1.90 0.00	45.50 1.49 0.00	40.81 1.39 0.00	39.96 1.47 0.00	40.05 1.42 0.00	45.46 1.77 0.00	42.74 2.02 0.00	34.75 1.87 0.00	40.68 2.26 0.00	48.78 2.72 0.00	47.28 2.87 0.00	48.09 3.23 0.00	50.52 3.31 0.00	49.94 3.78 0.00	53.04 4.27 0.00	55.00 4.55 -0.26	52.21 4.10 -2.61	51.77 4.18 0.00	54.43 3.96 0.00	51.30 3.44 0.00	54.23 3.33 0.00	52.77 2.97 0.00	45.00 2.80 0.00	47.36 2.79 0.00

DANSKAMMER___4 23591	48.34 1.90 0.00	45.50 1.49 0.00	40.81 1.39 0.00	39.96 1.47 0.00	40.05 1.42 0.00	45.46 1.77 0.00	42.74 2.02 0.00	34.75 1.87 0.00	40.68 2.26 0.00	48.78 2.72 0.00	47.28 2.87 0.00	48.09 3.23 0.00	50.52 3.31 0.00	49.94 3.78 0.00	53.04 4.27 0.00	55.00 4.55 -0.26	52.21 4.10 -2.61	51.77 4.18 0.00	54.43 3.96 0.00	51.30 3.44 0.00	54.23 3.33 0.00	52.77 2.97 0.00	45.00 2.80 0.00	47.36 2.79 0.00
DANSKAMMER___DIESEL 23592	48.34 1.90 0.00	45.50 1.49 0.00	40.80 1.38 0.00	39.96 1.47 0.00	40.05 1.43 0.00	45.46 1.77 0.00	42.74 2.02 0.00	34.76 1.88 0.00	40.68 2.26 0.00	48.78 2.72 0.00	47.28 2.87 0.00	48.09 3.24 0.00	50.52 3.31 0.00	49.94 3.79 0.00	53.04 4.27 0.00	55.00 4.55 -0.26	52.21 4.10 -2.61	51.76 4.18 0.00	54.43 3.96 0.00	51.30 3.44 0.00	54.23 3.33 0.00	52.77 2.97 0.00	45.00 2.81 0.00	47.36 2.79 0.00
DARBY___SOLAR 323810	48.10 1.65 0.00	45.26 1.24 0.00	40.66 1.25 0.00	39.77 1.28 0.00	39.89 1.26 0.00	45.10 1.42 0.00	42.18 1.46 0.00	34.10 1.22 0.00	39.79 1.37 0.00	47.41 1.34 0.00	45.57 1.15 0.00	46.12 1.27 0.00	48.56 1.35 0.00	47.89 1.73 0.00	51.03 2.26 0.00	52.57 2.35 -0.02	47.98 2.28 -0.20	51.37 2.66 -1.12	53.27 2.79 0.00	50.55 2.68 0.00	53.54 2.64 0.00	52.10 2.30 0.00	44.30 2.10 0.00	46.84 2.27 0.00
DASHVILLE___HYD 23610	47.87 1.43 0.00	45.09 1.07 0.00	40.46 1.03 0.00	39.64 1.15 0.00	39.70 1.07 0.00	45.04 1.36 0.00	42.34 1.63 0.00	34.41 1.53 0.00	40.26 1.85 0.00	48.27 2.21 0.00	46.75 2.34 0.00	47.57 2.72 0.00	50.05 2.83 0.00	49.53 3.38 0.00	52.70 3.93 0.00	54.43 4.03 -0.21	51.25 3.66 -2.09	49.08 3.72 2.22	53.97 3.49 0.00	50.86 2.99 0.00	53.77 2.87 0.00	52.35 2.54 0.00	44.66 2.47 0.00	47.02 2.45 0.00
DELAWARE___LFGE 323621	47.43 0.98 0.00	44.81 0.80 0.00	40.13 0.71 0.00	39.33 0.84 0.00	39.42 0.80 0.00	44.61 0.93 0.00	41.71 0.99 0.00	33.78 0.90 0.00	39.45 1.03 0.00	47.25 1.19 0.00	45.68 1.26 0.00	46.16 1.31 0.00	48.53 1.31 0.00	47.64 1.49 0.00	50.44 1.68 0.00	52.07 1.85 -0.03	47.40 1.61 -0.29	47.68 1.67 1.58	52.14 1.66 0.00	49.42 1.55 0.00	52.39 1.49 0.00	51.10 1.30 0.00	43.40 1.21 0.00	45.81 1.24 0.00
DERFIELD_115KV_TB7 355931	46.47 0.03 0.00	43.99 -0.02 0.00	39.42 0.00 0.00	38.53 0.04 0.00	38.62 0.00 0.00	43.68 0.00 0.00	40.76 0.04 0.00	32.92 0.04 0.00	38.49 0.07 0.00	46.11 0.05 0.00	44.46 0.04 0.00	44.94 0.08 0.00	47.27 0.06 0.00	46.30 0.14 0.00	48.98 0.21 0.00	50.46 0.26 0.00	45.74 0.25 0.00	47.82 0.23 0.00	50.70 0.22 0.00	48.02 0.16 0.00	51.00 0.10 0.00	49.81 0.01 0.00	42.29 0.10 0.00	44.66 0.09 0.00
DOGLEVILLE___HYD 23807	46.85 0.40 0.00	43.95 -0.06 0.00	39.34 -0.08 0.00	38.57 0.08 0.00	38.67 0.05 0.00	43.83 0.14 0.00	40.98 0.26 0.00	33.16 0.28 0.00	38.36 -0.06 0.00	45.46 -0.61 0.00	43.69 -0.73 0.00	44.68 -0.17 0.00	46.93 -0.28 0.00	46.56 0.41 0.00	49.28 0.51 0.00	50.73 0.53 0.00	46.38 0.88 0.00	48.31 0.72 0.00	51.97 1.50 0.00	49.16 1.30 0.00	52.00 1.10 0.00	50.59 0.79 0.00	43.05 0.86 0.00	45.47 0.90 0.00
DUNKIRK___115KV_TB_200 55889	44.87 -1.58 0.00	42.15 -1.87 0.00	37.37 -2.05 0.00	36.33 -2.17 0.00	36.67 -1.95 0.00	41.34 -2.35 0.00	38.50 -2.22 0.00	27.77 -2.02 3.10	36.00 -2.42 0.00	43.26 -2.80 0.00	42.13 -2.29 0.00	41.67 -3.18 0.00	43.77 -3.37 0.07	42.36 -3.79 0.00	44.66 -4.11 0.00	46.57 -3.63 -0.01	42.07 -3.53 -0.10	41.97 -3.41 2.21	46.97 -3.51 0.00	45.48 -2.38 0.00	48.70 -2.20 0.00	47.02 -2.78 0.00	39.86 -2.31 0.02	42.86 -1.71 0.00
DUNKIRK___1 23563	44.87 -1.58 0.00	42.15 -1.87 0.00	37.37 -2.05 0.00	36.33 -2.17 0.00	36.67 -1.95 0.00	41.34 -2.35 0.00	38.50 -2.22 0.00	27.77 -2.02 3.10	36.00 -2.42 0.00	43.26 -2.80 0.00	42.13 -2.29 0.00	41.67 -3.18 0.00	43.77 -3.37 0.07	42.36 -3.79 0.00	44.66 -4.11 0.00	46.57 -3.63 -0.01	42.07 -3.53 -0.10	41.97 -3.41 2.21	46.97 -3.51 0.00	45.48 -2.38 0.00	48.70 -2.20 0.00	47.02 -2.78 0.00	39.86 -2.31 0.02	42.86 -1.71 0.00
DUNKIRK___2 23564	44.87 -1.58 0.00	42.15 -1.87 0.00	37.37 -2.05 0.00	36.33 -2.17 0.00	36.67 -1.95 0.00	41.34 -2.35 0.00	38.50 -2.22 0.00	27.77 -2.02 3.10	36.00 -2.42 0.00	43.26 -2.80 0.00	42.13 -2.29 0.00	41.67 -3.18 0.00	43.77 -3.37 0.07	42.36 -3.79 0.00	44.66 -4.11 0.00	46.57 -3.63 -0.01	42.07 -3.53 -0.10	41.97 -3.41 2.21	46.97 -3.51 0.00	45.48 -2.38 0.00	48.70 -2.20 0.00	47.02 -2.78 0.00	39.86 -2.31 0.02	42.86 -1.71 0.00
DUNKIRK___3 23565	44.97 -1.47 0.00	42.29 -1.72 0.00	37.45 -1.97 0.00	36.43 -2.06 0.00	36.83 -1.79 0.00	41.49 -2.19 0.00	38.57 -2.14 0.00	27.68 -1.92 3.28	36.08 -2.34 0.00	43.38 -2.69 0.00	42.23 -2.19 0.00	41.75 -3.10 0.00	43.83 -3.31 0.07	42.45 -3.71 0.00	44.74 -4.02 0.00	46.62 -3.59 -0.01	42.13 -3.47 -0.10	42.08 -3.38 2.13	47.04 -3.43 0.00	45.53 -2.33 0.00	48.74 -2.15 0.00	47.05 -2.76 0.00	39.88 -2.30 0.02	42.84 -1.73 0.00
DUNKIRK___4 23566	44.97 -1.47 0.00	42.29 -1.72 0.00	37.45 -1.97 0.00	36.43 -2.06 0.00	36.83 -1.79 0.00	41.49 -2.19 0.00	38.57 -2.14 0.00	27.68 -1.92 3.28	36.08 -2.34 0.00	43.38 -2.69 0.00	42.23 -2.19 0.00	41.75 -3.10 0.00	43.83 -3.31 0.07	42.45 -3.71 0.00	44.74 -4.02 0.00	46.62 -3.59 -0.01	42.13 -3.47 -0.10	42.08 -3.38 2.13	47.04 -3.43 0.00	45.53 -2.33 0.00	48.74 -2.15 0.00	47.05 -2.76 0.00	39.88 -2.30 0.02	42.84 -1.73 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.10 1.66 0.00	45.30 1.29 0.00	40.63 1.21 0.00	39.81 1.32 0.00	39.89 1.27 0.00	45.31 1.62 0.00	42.66 1.94 0.00	34.70 1.82 0.00	40.61 2.20 0.00	48.72 2.65 0.00	47.25 2.83 0.00	48.10 3.24 0.00	50.43 3.21 0.00	49.82 3.67 0.00	52.89 4.12 0.00	54.84 4.37 -0.27	52.06 3.86 -2.70	59.30 3.85 -7.87	53.92 3.45 0.00	50.77 2.91 0.00	53.68 2.78 0.00	52.31 2.51 0.00	44.79 2.59 0.00	47.15 2.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.02 1.58 0.00	45.22 1.21 0.00	40.56 1.14 0.00	39.73 1.24 0.00	39.82 1.19 0.00	45.19 1.51 0.00	42.49 1.77 0.00	34.53 1.65 0.00	40.38 1.96 0.00	48.41 2.35 0.00	46.92 2.50 0.00	47.71 2.85 0.00	50.12 2.90 0.00	49.53 3.37 0.00	52.58 3.82 0.00	54.49 4.04 -0.25	51.64 3.64 -2.50	46.34 3.67 4.92	53.88 3.40 0.00	50.79 2.93 0.00	53.72 2.82 0.00	52.30 2.50 0.00	44.65 2.46 0.00	46.99 2.42 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	48.16 1.71 0.00	45.37 1.36 0.00	40.69 1.28 0.00	39.87 1.38 0.00	39.97 1.35 0.00	45.44 1.75 0.00	42.82 2.11 0.00	34.85 1.97 0.00	40.75 2.33 0.00	48.93 2.87 0.00	47.54 3.12 0.00	48.36 3.50 0.00	50.72 3.50 0.00	50.10 3.95 0.00	53.17 4.40 0.00	55.18 4.71 -0.27	52.35 4.14 -2.70	59.45 4.00 -7.86	54.05 3.57 0.00	50.90 3.03 0.00	53.77 2.87 0.00	52.54 2.73 0.00	45.00 2.81 0.00	47.29 2.72 0.00

E179THST_13_KV_LOAD 356214	48.40 1.95 0.00	45.60 1.59 0.00	40.89 1.47 0.00	40.06 1.57 0.00	40.16 1.54 0.00	45.64 1.96 0.00	43.04 2.32 0.00	35.03 2.15 0.00	40.97 2.55 0.00	49.21 3.14 0.00	47.81 3.40 0.00	48.64 3.78 0.00	51.04 3.82 0.00	50.40 4.25 0.00	53.48 4.71 0.00	55.50 5.04 -0.27	52.65 4.45 -2.70	59.76 4.31 -7.86	54.39 3.91 0.00	51.23 3.36 0.00	54.12 3.22 0.00	52.86 3.06 0.00	45.26 3.07 0.00	47.55 2.98 0.00
EAST HAMPTON___GT 23717	49.15 2.70 0.00	46.57 2.55 0.00	41.58 2.16 0.00	40.50 2.01 0.00	40.54 1.91 0.00	45.34 1.66 0.00	42.42 1.70 0.00	34.92 2.04 0.00	40.78 2.36 0.00	48.90 2.83 0.00	47.32 2.90 0.00	48.92 4.06 0.00	50.32 3.39 0.29	48.61 2.92 0.46	50.04 3.07 1.81	47.42 3.67 6.45	51.90 3.70 -2.70	59.20 3.77 -7.84	53.62 3.14 0.00	50.33 2.46 0.00	53.46 2.57 0.00	50.12 1.75 1.44	29.07 1.84 14.96	37.54 1.20 8.23
EAST RIVER___6 23660	48.23 1.78 0.00	45.38 1.37 0.00	40.70 1.28 0.00	39.90 1.41 0.00	39.99 1.37 0.00	45.46 1.78 0.00	42.82 2.10 0.00	34.86 1.98 0.00	40.85 2.43 0.00	49.06 3.00 0.00	47.64 3.22 0.00	48.53 3.67 0.00	50.84 3.63 0.00	50.25 4.09 0.00	53.32 4.55 0.00	55.30 4.84 -0.27	52.45 4.25 -2.70	59.70 4.24 -7.87	54.27 3.79 0.00	51.01 3.15 0.00	53.92 3.02 0.00	52.57 2.77 0.00	45.01 2.82 0.00	47.37 2.80 0.00
EAST RIVER___7 23524	48.23 1.78 0.00	45.38 1.37 0.00	40.70 1.28 0.00	39.90 1.41 0.00	39.99 1.37 0.00	45.46 1.78 0.00	42.82 2.10 0.00	34.86 1.98 0.00	40.85 2.43 0.00	49.06 3.00 0.00	47.64 3.22 0.00	48.53 3.67 0.00	50.84 3.63 0.00	50.25 4.09 0.00	53.32 4.55 0.00	55.30 4.84 -0.27	52.45 4.25 -2.70	59.70 4.24 -7.87	54.27 3.79 0.00	51.01 3.15 0.00	53.92 3.02 0.00	52.57 2.77 0.00	45.01 2.82 0.00	47.37 2.80 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.04 1.60 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.76 1.26 0.00	39.85 1.22 0.00	45.24 1.56 0.00	42.59 1.87 0.00	34.63 1.75 0.00	40.52 2.11 0.00	48.60 2.54 0.00	47.13 2.71 0.00	47.97 3.12 0.00	50.31 3.10 0.00	49.70 3.55 0.00	52.76 4.00 0.00	54.70 4.23 -0.27	51.96 3.76 -2.70	59.45 3.75 -8.11	53.82 3.35 0.00	50.68 2.82 0.00	53.59 2.69 0.00	52.23 2.43 0.00	44.69 2.50 0.00	47.06 2.49 0.00
EAST_HAMPTON___DIESEL 23722	49.15 2.70 0.00	46.57 2.56 0.00	41.58 2.16 0.00	40.49 2.00 0.00	40.53 1.91 0.00	45.30 1.62 0.00	42.37 1.65 0.00	34.89 2.01 0.00	40.76 2.34 0.00	48.83 2.77 0.00	47.25 2.83 0.00	48.89 4.03 0.00	50.25 3.33 0.29	48.49 2.80 0.46	49.88 2.92 1.81	47.26 3.51 6.45	51.76 3.56 -2.70	59.04 3.61 -7.84	53.46 2.99 0.00	50.17 2.31 0.00	53.30 2.40 0.00	49.96 1.59 1.44	28.93 1.69 14.96	37.40 1.06 8.23
EAST_POINT___SOLAR 323840	49.44 3.00 0.00	46.80 2.79 0.00	41.89 2.47 0.00	40.85 2.36 0.00	40.98 2.36 0.00	46.43 2.75 0.00	42.83 2.11 0.00	34.25 1.37 0.00	38.84 0.43 0.00	46.31 0.25 0.00	44.68 0.26 0.00	45.22 0.36 0.00	48.01 0.79 0.00	46.96 0.81 0.00	49.18 0.41 0.00	50.98 0.76 -0.01	46.50 0.87 -0.13	48.88 1.29 0.00	52.93 2.46 0.00	51.24 3.38 0.00	54.61 3.71 0.00	53.37 3.57 0.00	45.08 2.89 0.00	47.41 2.84 0.00
EAST_PULASKI___ESR 323781	46.41 -0.04 0.00	44.09 0.08 0.00	39.38 -0.04 0.00	38.42 -0.08 0.00	38.52 -0.11 0.00	43.42 -0.26 0.00	40.36 -0.36 0.00	32.53 -0.35 0.00	38.04 -0.38 0.00	45.62 -0.44 0.00	43.89 -0.53 0.00	44.15 -0.71 0.00	46.25 -0.96 0.00	44.99 -1.17 0.00	47.78 -0.99 0.00	49.44 -0.76 0.00	44.70 -0.80 0.00	46.95 -0.64 0.00	50.01 -0.47 0.00	47.37 -0.49 0.00	50.27 -0.63 0.00	48.97 -0.83 0.00	41.53 -0.67 0.00	43.75 -0.82 0.00
EAST_RIVER___1 323558	48.18 1.73 0.00	45.34 1.33 0.00	40.66 1.24 0.00	39.85 1.36 0.00	39.96 1.34 0.00	45.41 1.73 0.00	42.79 2.07 0.00	34.83 1.95 0.00	40.82 2.40 0.00	48.99 2.93 0.00	47.57 3.15 0.00	48.43 3.57 0.00	50.72 3.51 0.00	50.13 3.98 0.00	53.23 4.46 0.00	55.18 4.72 -0.27	52.35 4.15 -2.70	59.60 4.14 -7.87	54.18 3.70 0.00	50.94 3.08 0.00	53.86 2.96 0.00	52.51 2.70 0.00	44.97 2.78 0.00	47.35 2.77 0.00
EAST_RIVER___2 323559	48.23 1.78 0.00	45.38 1.37 0.00	40.70 1.28 0.00	39.90 1.41 0.00	39.99 1.37 0.00	45.46 1.78 0.00	42.82 2.10 0.00	34.86 1.98 0.00	40.85 2.43 0.00	49.06 3.00 0.00	47.64 3.22 0.00	48.53 3.67 0.00	50.84 3.63 0.00	50.25 4.09 0.00	53.32 4.55 0.00	55.30 4.84 -0.27	52.45 4.25 -2.70	59.70 4.24 -7.87	54.27 3.79 0.00	51.01 3.15 0.00	53.92 3.02 0.00	52.57 2.77 0.00	45.01 2.82 0.00	47.37 2.80 0.00
EAST___DELAWARE_HYD 23607	47.38 0.94 0.00	44.62 0.61 0.00	39.99 0.57 0.00	39.18 0.69 0.00	39.26 0.64 0.00	44.55 0.86 0.00	41.88 1.16 0.00	34.02 1.14 0.00	39.77 1.35 0.00	47.66 1.59 0.00	46.13 1.71 0.00	46.93 2.07 0.00	49.36 2.15 0.00	48.83 2.68 0.00	51.88 3.11 0.00	53.66 3.24 -0.21	50.66 3.00 -2.17	45.93 3.04 4.69	53.42 2.95 0.00	50.34 2.48 0.00	53.27 2.37 0.00	51.84 2.04 0.00	44.18 1.99 0.00	46.46 1.89 0.00
EIGHT_POINT___WT_PWR 323820	45.36 -1.08 0.00	42.18 -1.83 0.00	36.84 -2.59 0.00	35.99 -2.50 0.00	36.24 -2.38 0.00	41.11 -2.58 0.00	38.20 -2.52 0.00	43.28 -2.03 -12.43	37.90 -0.52 0.00	45.31 -0.75 0.00	43.65 -0.76 0.00	43.16 -1.69 0.00	44.77 -2.25 0.20	43.73 -2.42 0.00	45.73 -3.04 0.00	47.39 -2.82 -0.01	43.11 -2.51 -0.12	40.04 -1.54 6.00	50.22 -0.25 0.00	46.80 -1.06 0.00	49.30 -1.59 0.00	47.52 -2.28 0.00	40.10 -2.03 0.06	42.69 -1.88 0.00
ELBRIDGE_115KV_TB2 80188	45.94 -0.50 0.00	43.63 -0.38 0.00	38.93 -0.49 0.00	38.07 -0.43 0.00	38.21 -0.42 0.00	43.13 -0.55 0.00	40.18 -0.54 0.00	32.37 -0.51 0.00	37.81 -0.61 0.00	45.31 -0.76 0.00	43.80 -0.61 0.00	44.19 -0.66 0.00	46.50 -0.72 0.00	45.54 -0.61 0.00	48.16 -0.61 0.00	49.72 -0.48 0.00	45.08 -0.42 0.00	47.21 -0.38 0.00	50.28 -0.20 0.00	47.72 -0.14 0.00	50.66 -0.24 0.00	49.28 -0.52 0.00	41.63 -0.57 0.00	43.96 -0.61 0.00
ELEC_TRO_TEK 24086	48.02 1.57 0.00	45.30 1.29 0.00	40.63 1.21 0.00	39.78 1.29 0.00	39.84 1.22 0.00	45.12 1.44 0.00	42.44 1.72 0.00	34.52 1.64 0.00	40.34 1.92 0.00	48.51 2.45 0.00	47.07 2.65 0.00	47.93 3.07 0.00	50.14 2.93 0.00	49.48 3.35 0.03	52.55 3.82 0.04	54.59 4.12 -0.27	51.97 3.77 -2.70	59.25 3.82 -7.84	53.68 3.21 0.00	50.51 2.65 0.00	53.46 2.56 0.00	51.75 2.18 0.22	42.13 2.29 2.35	45.56 2.28 1.29
ELLENBURG_WT_PWR 323604	47.45 1.01 0.00	44.96 0.94 0.00	40.30 0.88 0.00	39.23 0.74 0.00	39.42 0.79 0.00	44.59 0.91 0.00	41.59 0.87 0.00	33.39 0.51 0.00	39.07 0.65 0.00	46.87 0.81 0.00	45.05 0.63 0.00	45.39 0.53 0.00	47.63 0.41 0.00	46.13 -0.03 0.00	48.64 -0.13 0.00	49.71 -0.49 0.00	45.21 -0.29 0.00	47.50 -0.09 0.00	50.70 0.22 0.00	48.34 0.48 0.00	51.66 0.76 0.00	50.73 0.92 0.00	42.43 0.24 0.00	44.78 0.20 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	45.05 -1.40 0.00	42.55 -1.46 0.00	37.63 -1.79 0.00	36.61 -1.88 0.00	37.11 -1.51 0.00	41.72 -1.97 0.00	38.65 -2.07 0.00	27.76 -1.80 3.31	36.19 -2.23 0.00	43.52 -2.55 0.00	42.38 -2.04 0.00	41.88 -2.98 0.00	43.94 -3.21 0.07	42.56 -3.60 0.00	44.87 -3.90 0.00	46.71 -3.50 -0.01	42.24 -3.36 -0.10	42.30 -3.28 2.01	47.22 -3.26 0.00	45.70 -2.17 0.00	48.95 -1.95 0.00	47.20 -2.60 0.00	39.96 -2.21 0.02	42.89 -1.68 0.00
EMPIRE_CC_1 323656	46.86 0.42 0.00	44.12 0.11 0.00	39.82 0.40 0.00	38.92 0.43 0.00	38.97 0.35 0.00	44.12 0.43 0.00	41.22 0.50 0.00	33.40 0.52 0.00	39.03 0.60 0.00	46.57 0.51 0.00	44.86 0.44 0.00	45.38 0.52 0.00	47.69 0.47 0.00	46.96 0.80 0.00	49.86 1.09 0.00	51.43 1.17 -0.06	47.18 1.09 -0.59	50.66 1.27 -1.80	51.61 1.13 0.00	48.89 1.03 0.00	51.68 0.78 0.00	50.45 0.65 0.00	43.05 0.86 0.00	45.50 0.93 0.00
EMPIRE_CC_2 323658	46.86 0.42 0.00	44.12 0.11 0.00	39.82 0.40 0.00	38.92 0.43 0.00	38.97 0.35 0.00	44.12 0.43 0.00	41.22 0.50 0.00	33.40 0.52 0.00	39.03 0.60 0.00	46.57 0.51 0.00	44.86 0.44 0.00	45.38 0.52 0.00	47.69 0.47 0.00	46.96 0.80 0.00	49.86 1.09 0.00	51.43 1.17 -0.06	47.18 1.09 -0.59	50.66 1.27 -1.80	51.61 1.13 0.00	48.89 1.03 0.00	51.68 0.78 0.00	50.45 0.65 0.00	43.05 0.86 0.00	45.50 0.93 0.00
ENORWICH_115KV_TB1 80156	49.74 3.30 0.00	46.86 2.85 0.00	41.42 2.00 0.00	40.56 2.07 0.00	40.86 2.24 0.00	46.09 2.41 0.00	42.97 2.25 0.00	35.51 1.95 -0.68	40.44 2.02 0.00	47.96 1.90 0.00	46.15 1.74 0.00	46.07 1.22 0.00	48.60 1.27 -0.12	47.62 1.46 0.00	50.66 1.90 0.00	52.25 2.03 -0.02	47.62 1.92 -0.20	51.70 1.82 -2.29	53.35 2.87 0.00	51.46 3.60 0.00	54.41 3.51 0.00	53.23 3.43 0.00	44.08 1.85 -0.03	46.53 1.96 0.00
ERIE_ST__34_KV_TB1-2 80199	45.51 -0.93 0.00	42.93 -1.09 0.00	37.92 -1.50 0.00	37.00 -1.49 0.00	37.49 -1.13 0.00	42.14 -1.55 0.00	39.09 -1.62 0.00	28.17 -1.40 3.31	36.66 -1.76 0.00	44.10 -1.96 0.00	42.88 -1.54 0.00	42.38 -2.47 0.00	44.46 -2.68 0.07	43.12 -3.04 0.00	45.48 -3.29 0.00	47.29 -2.92 -0.01	42.71 -2.89 -0.11	42.59 -2.82 2.17	47.71 -2.76 0.00	46.04 -1.82 0.00	49.29 -1.61 0.00	47.49 -2.31 0.00	40.18 -1.99 0.02	43.02 -1.55 0.00
ERIE_WT_PWR 323693	45.28 -1.17 0.00	42.68 -1.34 0.00	37.70 -1.72 0.00	36.69 -1.80 0.00	37.17 -1.46 0.00	41.84 -1.84 0.00	38.77 -1.95 0.00	27.49 -1.65 3.74	36.27 -2.15 0.00	43.62 -2.44 0.00	42.47 -1.95 0.00	41.98 -2.88 0.00	44.03 -3.12 0.07	42.67 -3.48 0.00	45.01 -3.75 0.00	46.85 -3.36 -0.01	42.37 -3.23 -0.10	42.26 -3.20 2.13	47.34 -3.14 0.00	45.74 -2.12 0.00	48.98 -1.92 0.00	47.25 -2.55 0.00	40.00 -2.17 0.02	42.91 -1.66 0.00
ESPRGFLD_115KV_TB1 80157	48.63 2.19 0.00	46.11 2.10 0.00	41.20 1.78 0.00	40.23 1.74 0.00	40.34 1.71 0.00	45.65 1.97 0.00	42.57 1.85 0.00	34.33 1.45 0.00	39.91 1.49 0.00	47.85 1.78 0.00	46.34 1.92 0.00	46.64 1.78 0.00	49.02 1.80 0.00	47.80 1.64 0.00	50.37 1.60 0.00	52.06 1.85 -0.02	47.39 1.71 -0.18	49.36 1.77 0.00	52.57 2.09 0.00	50.14 2.27 0.00	53.27 2.37 0.00	52.01 2.21 0.00	43.93 1.74 0.00	46.29 1.72 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.18 0.74 0.00	44.64 0.63 0.00	39.72 0.30 0.00	38.87 0.38 0.00	39.08 0.46 0.00	44.13 0.44 0.00	41.18 0.46 0.00	34.29 0.28 -1.12	38.66 0.24 0.00	46.23 0.17 0.00	44.65 0.23 0.00	45.07 0.22 0.00	47.67 0.17 -0.29	46.43 0.28 0.00	49.06 0.29 0.00	50.61 0.40 -0.01	46.03 0.39 -0.14	55.64 0.46 -7.60	51.48 1.01 0.00	49.07 1.20 0.00	52.10 1.21 0.00	50.63 0.83 0.00	42.75 0.48 -0.09	45.03 0.46 0.00
ETNA____115KV_TB2 80207	47.18 0.74 0.00	44.64 0.63 0.00	39.72 0.30 0.00	38.87 0.38 0.00	39.08 0.46 0.00	44.13 0.44 0.00	41.18 0.46 0.00	34.29 0.28 -1.12	38.66 0.24 0.00	46.23 0.17 0.00	44.65 0.23 0.00	45.07 0.22 0.00	47.67 0.17 -0.29	46.43 0.28 0.00	49.06 0.29 0.00	50.61 0.40 -0.01	46.03 0.39 -0.14	55.64 0.46 -7.60	51.48 1.01 0.00	49.07 1.20 0.00	52.10 1.21 0.00	50.63 0.83 0.00	42.75 0.48 -0.09	45.03 0.46 0.00
EUCLID____115KV_TB2 356179	45.67 -0.78 0.00	43.40 -0.61 0.00	38.78 -0.64 0.00	37.89 -0.60 0.00	38.06 -0.56 0.00	42.97 -0.71 0.00	39.97 -0.74 0.00	32.24 -0.64 0.00	37.68 -0.74 0.00	45.18 -0.88 0.00	43.68 -0.74 0.00	44.09 -0.76 0.00	46.38 -0.83 0.00	45.38 -0.77 0.00	48.03 -0.74 0.00	49.58 -0.62 0.00	44.89 -0.61 0.00	47.00 -0.58 0.00	49.97 -0.51 0.00	47.44 -0.42 0.00	50.34 -0.56 0.00	48.99 -0.81 0.00	41.45 -0.74 0.00	43.75 -0.82 0.00
E_CANADA_CAP_HY 24051	49.06 2.61 0.00	46.56 2.55 0.00	41.69 2.27 0.00	40.62 2.13 0.00	40.72 2.10 0.00	46.09 2.40 0.00	42.84 2.12 0.00	34.44 1.56 0.00	39.78 1.36 0.00	47.57 1.51 0.00	45.99 1.58 0.00	46.33 1.48 0.00	48.78 1.56 0.00	47.51 1.35 0.00	49.96 1.20 0.00	51.67 1.46 -0.01	47.16 1.52 -0.14	49.09 1.51 0.00	52.59 2.11 0.00	50.38 2.52 0.00	53.56 2.66 0.00	52.35 2.54 0.00	44.29 2.10 0.00	46.67 2.10 0.00
E_CANADA_MHWK_HY 24050	46.85 0.40 0.00	43.95 -0.06 0.00	39.34 -0.08 0.00	38.57 0.08 0.00	38.67 0.05 0.00	43.83 0.15 0.00	40.98 0.26 0.00	33.16 0.28 0.00	38.36 -0.06 0.00	45.45 -0.61 0.00	43.69 -0.73 0.00	44.68 -0.17 0.00	46.94 -0.28 0.00	46.56 0.41 0.00	49.28 0.51 0.00	50.73 0.53 0.00	46.38 0.88 0.00	48.31 0.72 0.00	51.97 1.50 0.00	49.16 1.29 0.00	52.00 1.10 0.00	50.59 0.79 0.00	43.05 0.86 0.00	45.47 0.90 0.00
E_FISHKILL__LBMP 23776	47.73 1.28 0.00	44.93 0.92 0.00	40.33 0.91 0.00	39.51 1.02 0.00	39.59 0.96 0.00	44.93 1.24 0.00	42.24 1.53 0.00	34.33 1.45 0.00	40.15 1.73 0.00	48.13 2.06 0.00	46.61 2.19 0.00	47.39 2.53 0.00	49.71 2.50 0.00	49.10 2.94 0.00	52.12 3.35 0.00	54.04 3.57 -0.27	51.46 3.20 -2.77	56.34 3.23 -5.51	53.37 2.89 0.00	50.29 2.43 0.00	53.18 2.29 0.00	51.83 2.03 0.00	44.32 2.13 0.00	46.71 2.14 0.00
FALCON___SEABRD_CC1 323796	48.04 1.60 0.00	45.44 1.43 0.00	40.83 1.41 0.00	39.75 1.26 0.00	39.95 1.33 0.00	45.16 1.48 0.00	42.13 1.41 0.00	33.84 0.96 0.00	39.59 1.17 0.00	47.40 1.33 0.00	45.56 1.14 0.00	45.94 1.08 0.00	48.17 0.95 0.00	46.74 0.59 0.00	49.35 0.59 0.00	50.20 0.00 0.00	45.78 0.28 0.00	48.12 0.53 0.00	51.40 0.92 0.00	49.00 1.14 0.00	52.34 1.44 0.00	51.38 1.58 0.00	43.00 0.81 0.00	45.34 0.77 0.00
FALCON___SEABRD_CC2 323797	48.04 1.60 0.00	45.44 1.43 0.00	40.83 1.41 0.00	39.75 1.26 0.00	39.95 1.33 0.00	45.16 1.48 0.00	42.13 1.41 0.00	33.84 0.96 0.00	39.59 1.17 0.00	47.40 1.33 0.00	45.56 1.14 0.00	45.94 1.08 0.00	48.17 0.95 0.00	46.74 0.59 0.00	49.35 0.59 0.00	50.20 0.00 0.00	45.78 0.28 0.00	48.12 0.53 0.00	51.40 0.92 0.00	49.00 1.14 0.00	52.34 1.44 0.00	51.38 1.58 0.00	43.00 0.81 0.00	45.34 0.77 0.00

FAR ROCKAWAY___4 23548	48.66 2.22 0.00	45.88 1.86 0.00	41.12 1.70 0.00	40.24 1.75 0.00	40.29 1.67 0.00	45.63 1.94 0.00	42.91 2.19 0.00	34.94 2.06 0.00	40.88 2.46 0.00	49.22 3.16 0.00	47.85 3.43 0.00	48.75 3.90 0.00	51.39 3.80 -0.37	50.65 4.26 -0.24	53.49 4.74 0.02	55.38 4.92 -0.27	52.72 4.52 -2.70	60.06 4.63 -7.84	54.58 4.11 0.00	51.31 3.45 0.00	54.25 3.35 0.00	52.88 3.08 0.00	45.21 3.01 0.00	47.57 3.00 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	48.19 1.74 0.00	45.34 1.33 0.00	40.66 1.25 0.00	39.86 1.37 0.00	39.96 1.34 0.00	45.42 1.73 0.00	42.81 2.09 0.00	34.86 1.98 0.00	40.84 2.42 0.00	49.01 2.95 0.00	47.57 3.15 0.00	48.43 3.58 0.00	50.73 3.52 0.00	50.14 3.98 0.00	53.24 4.48 0.00	55.20 4.73 -0.27	52.35 4.15 -2.70	59.59 4.13 -7.87	54.18 3.70 0.00	50.94 3.08 0.00	53.85 2.95 0.00	52.51 2.71 0.00	44.97 2.78 0.00	47.34 2.77 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	48.20 1.76 0.00	45.36 1.35 0.00	40.69 1.27 0.00	39.87 1.38 0.00	39.97 1.35 0.00	45.43 1.75 0.00	42.83 2.11 0.00	34.87 1.99 0.00	40.85 2.42 0.00	49.02 2.96 0.00	47.58 3.17 0.00	48.45 3.59 0.00	50.74 3.53 0.00	50.16 4.00 0.00	53.25 4.49 0.00	55.22 4.75 -0.27	52.38 4.18 -2.70	59.61 4.15 -7.87	54.21 3.73 0.00	50.97 3.11 0.00	53.86 2.96 0.00	52.54 2.73 0.00	45.01 2.82 0.00	47.38 2.80 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	48.15 1.70 0.00	45.32 1.30 0.00	40.65 1.23 0.00	39.83 1.34 0.00	39.93 1.31 0.00	45.39 1.70 0.00	42.77 2.06 0.00	34.83 1.95 0.00	40.81 2.39 0.00	48.97 2.91 0.00	47.53 3.11 0.00	48.40 3.54 0.00	50.69 3.48 0.00	50.09 3.94 0.00	53.19 4.43 0.00	55.15 4.68 -0.27	52.30 4.11 -2.70	59.55 4.09 -7.87	54.13 3.65 0.00	50.89 3.03 0.00	53.79 2.89 0.00	52.47 2.66 0.00	44.94 2.75 0.00	47.31 2.74 0.00
FARRAGUT___LBMP 323566	48.11 1.66 0.00	45.28 1.26 0.00	40.61 1.20 0.00	39.81 1.32 0.00	39.90 1.28 0.00	45.36 1.67 0.00	42.74 2.03 0.00	34.80 1.92 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.48 3.06 0.00	48.34 3.49 0.00	50.63 3.42 0.00	50.04 3.88 0.00	53.14 4.37 0.00	55.08 4.62 -0.27	52.26 4.06 -2.70	59.49 4.03 -7.87	54.08 3.60 0.00	50.84 2.98 0.00	53.75 2.85 0.00	52.42 2.61 0.00	44.92 2.72 0.00	47.27 2.70 0.00
FENNER___WINDPWR 24204	47.48 1.04 0.00	44.97 0.96 0.00	40.10 0.68 0.00	39.18 0.69 0.00	39.33 0.71 0.00	44.46 0.77 0.00	41.42 0.70 0.00	33.43 0.55 0.00	39.03 0.61 0.00	46.73 0.66 0.00	45.12 0.70 0.00	45.43 0.57 0.00	47.89 0.62 -0.06	46.90 0.74 0.00	49.55 0.78 0.00	51.14 0.94 0.00	46.45 0.95 0.00	50.19 1.00 -1.60	51.70 1.22 0.00	49.28 1.42 0.00	52.31 1.41 0.00	50.83 1.02 0.00	42.94 0.73 -0.02	45.23 0.66 0.00
FIBERTEK___ENERGY 23856	46.18 -0.26 0.00	43.86 -0.15 0.00	39.16 -0.27 0.00	38.27 -0.22 0.00	38.44 -0.19 0.00	43.41 -0.28 0.00	40.39 -0.32 0.00	32.58 -0.30 0.00	38.06 -0.36 0.00	45.64 -0.43 0.00	44.14 -0.28 0.00	44.54 -0.31 0.00	46.88 -0.34 0.00	45.92 -0.23 0.00	48.58 -0.19 0.00	50.15 -0.05 0.00	45.44 -0.06 0.00	47.57 -0.02 0.00	50.63 0.15 0.00	48.05 0.19 0.00	50.97 0.06 0.00	49.57 -0.23 0.00	41.89 -0.30 0.00	44.21 -0.36 0.00
FITZPATRICK___ 23598	44.96 -1.48 0.00	42.79 -1.22 0.00	38.27 -1.15 0.00	37.38 -1.11 0.00	37.55 -1.08 0.00	42.39 -1.30 0.00	39.40 -1.32 0.00	31.76 -1.12 0.00	37.10 -1.32 0.00	44.47 -1.59 0.00	42.98 -1.44 0.00	43.36 -1.50 0.00	45.61 -1.61 0.00	44.61 -1.55 0.00	47.17 -1.60 0.00	48.68 -1.52 0.00	44.10 -1.40 0.00	46.16 -1.43 0.00	49.03 -1.45 0.00	46.54 -1.32 0.00	49.43 -1.47 0.00	48.18 -1.62 0.00	40.80 -1.39 0.00	43.08 -1.49 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	48.44 2.00 0.00	45.59 1.58 0.00	40.88 1.46 0.00	40.04 1.55 0.00	40.12 1.50 0.00	45.54 1.86 0.00	42.83 2.11 0.00	34.84 1.96 0.00	40.77 2.35 0.00	48.90 2.84 0.00	47.41 3.00 0.00	48.23 3.38 0.00	50.67 3.45 0.00	50.09 3.94 0.00	53.22 4.45 0.00	55.19 4.73 -0.26	52.39 4.26 -2.64	51.93 4.34 0.00	54.62 4.15 0.00	51.47 3.60 0.00	54.40 3.50 0.00	52.92 3.12 0.00	45.12 2.92 0.00	47.48 2.91 0.00
FORT ORANGE___ 23900	46.97 0.52 0.00	44.25 0.24 0.00	39.81 0.39 0.00	38.96 0.47 0.00	39.01 0.38 0.00	44.19 0.51 0.00	41.35 0.63 0.00	33.48 0.60 0.00	39.13 0.71 0.00	46.68 0.62 0.00	44.90 0.48 0.00	45.41 0.55 0.00	47.75 0.54 0.00	46.94 0.78 0.00	49.85 1.08 0.00	51.48 1.25 -0.02	46.80 1.07 -0.23	49.87 1.25 -1.03	51.74 1.27 0.00	49.13 1.26 0.00	51.99 1.09 0.00	50.69 0.88 0.00	43.14 0.95 0.00	45.53 0.96 0.00
FORT_DRUM_COGEN 23780	49.17 2.72 0.00	46.58 2.57 0.00	41.51 2.09 0.00	40.33 1.84 0.00	40.29 1.66 0.00	45.40 1.72 0.00	42.15 1.43 0.00	33.90 1.02 0.00	39.69 1.27 0.00	47.63 1.57 0.00	45.08 0.66 0.00	45.09 0.24 0.00	47.07 -0.15 0.00	45.11 -1.05 0.00	48.29 -0.48 0.00	50.36 0.16 0.00	45.31 -0.19 0.00	48.22 0.63 0.00	51.69 1.21 0.00	48.80 0.94 0.00	51.82 0.92 0.00	50.30 0.50 0.00	42.46 0.27 0.00	44.40 -0.17 0.00
FOX_HILLS___ESR 323835	48.24 1.80 0.00	45.43 1.41 0.00	40.84 1.42 0.00	40.02 1.53 0.00	40.09 1.47 0.00	45.58 1.90 0.00	42.97 2.25 0.00	34.95 2.07 0.00	40.87 2.45 0.00	48.95 2.88 0.00	47.58 3.16 0.00	48.40 3.54 0.00	50.64 3.42 0.00	50.14 3.99 0.00	52.19 4.49 1.06	54.97 4.72 -0.05	52.29 4.09 -2.70	52.59 3.95 -1.06	52.80 3.53 1.21	50.85 2.99 0.00	53.80 2.90 0.00	52.46 2.65 0.00	45.10 2.91 0.00	47.51 2.94 0.00
FPL_FAR_ROCK_GT1 24212	48.67 2.22 0.00	45.88 1.87 0.00	41.11 1.70 0.00	40.24 1.75 0.00	40.29 1.67 0.00	45.63 1.94 0.00	42.90 2.18 0.00	34.93 2.05 0.00	40.88 2.46 0.00	49.22 3.16 0.00	47.86 3.44 0.00	48.76 3.90 0.00	51.39 3.80 -0.37	50.64 4.25 -0.24	53.49 4.74 0.02	55.38 4.92 -0.27	52.72 4.52 -2.70	60.06 4.63 -7.84	54.59 4.11 0.00	51.32 3.45 0.00	54.26 3.36 0.00	52.89 3.08 0.00	45.19 3.00 0.00	47.56 2.99 0.00
FPL_FAR_ROCK_GT2 23815	48.67 2.22 0.00	45.88 1.87 0.00	41.11 1.70 0.00	40.24 1.75 0.00	40.29 1.67 0.00	45.63 1.94 0.00	42.90 2.18 0.00	34.93 2.05 0.00	40.88 2.46 0.00	49.22 3.16 0.00	47.86 3.44 0.00	48.76 3.90 0.00	51.39 3.80 -0.37	50.64 4.25 -0.24	53.49 4.74 0.02	55.38 4.92 -0.27	52.72 4.52 -2.70	60.06 4.63 -7.84	54.59 4.11 0.00	51.32 3.45 0.00	54.26 3.36 0.00	52.89 3.08 0.00	45.19 3.00 0.00	47.56 2.99 0.00
FRANKLIN_FALL_HYD 24054	48.15 1.71 0.00	45.62 1.60 0.00	40.80 1.38 0.00	39.67 1.18 0.00	39.84 1.22 0.00	45.14 1.45 0.00	42.10 1.38 0.00	33.86 0.98 0.00	39.60 1.18 0.00	47.56 1.49 0.00	45.70 1.28 0.00	45.93 1.08 0.00	48.23 1.02 0.00	46.67 0.51 0.00	49.08 0.32 0.00	50.22 0.02 0.00	45.84 0.34 0.00	48.06 0.47 0.00	51.23 0.75 0.00	48.96 1.09 0.00	52.34 1.44 0.00	51.37 1.56 0.00	42.89 0.70 0.00	45.32 0.75 0.00

FREEPORT_EQUS_GT1 23764	48.19 1.75 0.00	45.49 1.48 0.00	40.79 1.37 0.00	39.92 1.43 0.00	39.98 1.36 0.00	45.24 1.56 0.00	42.53 1.81 0.00	34.60 1.72 0.00	40.42 2.00 0.00	48.65 2.59 0.00	47.26 2.84 0.00	48.13 3.27 0.00	50.31 3.10 0.00	49.49 3.40 0.07	52.58 3.91 0.09	54.74 4.27 -0.27	52.13 3.92 -2.70	59.48 4.05 -7.84	53.88 3.40 0.00	50.71 2.85 0.00	53.65 2.75 0.00	51.52 2.46 0.74	36.95 2.45 7.69	42.82 2.48 4.23
FREEPORT___CT2 23818	48.19 1.75 0.00	45.49 1.48 0.00	40.79 1.37 0.00	39.92 1.43 0.00	39.98 1.36 0.00	45.24 1.56 0.00	42.53 1.81 0.00	34.60 1.72 0.00	40.42 2.00 0.00	48.65 2.59 0.00	47.26 2.84 0.00	48.13 3.27 0.00	50.31 3.10 0.00	49.49 3.40 0.07	52.58 3.91 0.09	54.74 4.27 -0.27	52.13 3.92 -2.70	59.48 4.05 -7.84	53.88 3.40 0.00	50.71 2.85 0.00	53.65 2.75 0.00	51.52 2.46 0.74	36.95 2.45 7.69	42.82 2.48 4.23
FRESHKLS_33_KV_LOAD 356253	48.25 1.81 0.00	45.41 1.40 0.00	40.88 1.46 0.00	40.07 1.58 0.00	40.14 1.52 0.00	45.63 1.95 0.00	43.00 2.28 0.00	34.95 2.07 0.00	40.86 2.44 0.00	48.87 2.81 0.00	47.50 3.09 0.00	48.29 3.44 0.01	50.51 3.31 0.01	50.10 3.95 0.00	52.16 4.47 1.06	54.91 4.66 -0.05	52.24 4.04 -2.70	52.54 3.90 -1.06	52.77 3.51 1.21	50.88 3.02 0.00	53.81 2.91 0.00	52.44 2.64 0.00	45.14 2.95 0.00	47.60 3.02 0.00
FULTON COGEN____ 23766	45.39 -1.05 0.00	43.16 -0.85 0.00	38.57 -0.85 0.00	37.69 -0.81 0.00	37.85 -0.77 0.00	42.73 -0.95 0.00	39.73 -0.99 0.00	32.08 -0.80 0.00	37.48 -0.94 0.00	44.95 -1.11 0.00	43.43 -0.98 0.00	43.83 -1.02 0.00	46.07 -1.15 0.00	45.05 -1.10 0.00	47.68 -1.09 0.00	49.19 -1.01 0.00	44.49 -1.00 0.00	46.59 -1.00 0.00	49.62 -0.86 0.00	47.08 -0.79 0.00	49.94 -0.96 0.00	48.63 -1.18 0.00	41.18 -1.01 0.00	43.44 -1.13 0.00
FULTON___LFGE 323630	49.07 2.62 0.00	46.43 2.42 0.00	41.59 2.17 0.00	40.56 2.07 0.00	40.68 2.05 0.00	46.07 2.38 0.00	42.84 2.13 0.00	34.46 1.58 0.00	39.43 1.01 0.00	46.90 0.84 0.00	45.22 0.80 0.00	45.76 0.90 0.00	48.40 1.19 0.00	47.42 1.27 0.00	50.12 1.35 0.00	51.62 1.42 -0.01	47.41 1.79 -0.12	49.16 1.57 0.00	53.16 2.69 0.00	51.07 3.21 0.00	54.21 3.31 0.00	52.93 3.12 0.00	44.76 2.57 0.00	47.10 2.53 0.00
G.F.CEMENT___DRP 24184	48.37 1.93 0.00	45.46 1.45 0.00	40.81 1.39 0.00	39.94 1.45 0.00	40.07 1.45 0.00	45.23 1.55 0.00	42.33 1.61 0.00	34.27 1.39 0.00	39.98 1.56 0.00	47.63 1.57 0.00	45.75 1.33 0.00	46.32 1.46 0.00	48.81 1.60 0.00	48.13 1.97 0.00	51.39 2.62 0.00	52.91 2.70 -0.02	48.36 2.69 -0.17	51.71 3.05 -1.07	53.74 3.27 0.00	50.98 3.11 0.00	53.96 3.06 0.00	52.45 2.64 0.00	44.54 2.35 0.00	47.18 2.61 0.00
GARDENVILLE___LBMP 24039	45.08 -1.37 0.00	42.49 -1.52 0.00	37.51 -1.91 0.00	36.57 -1.92 0.00	37.03 -1.59 0.00	41.68 -2.00 0.00	38.60 -2.12 0.00	23.58 -1.83 7.47	36.12 -2.30 0.00	43.54 -2.52 0.00	42.35 -2.07 0.00	41.83 -3.02 0.00	43.87 -3.27 0.08	42.55 -3.61 0.00	44.83 -3.94 0.00	46.64 -3.57 -0.01	42.24 -3.36 -0.11	42.00 -3.30 2.30	47.17 -3.31 0.00	45.57 -2.29 0.00	48.79 -2.11 0.00	47.06 -2.74 0.00	39.83 -2.34 0.02	42.75 -1.83 0.00
GARDNVLA_35_KV_LD 355827	45.33 -1.12 0.00	42.75 -1.26 0.00	37.75 -1.67 0.00	36.76 -1.74 0.00	37.22 -1.40 0.00	41.87 -1.82 0.00	38.78 -1.94 0.00	27.64 -1.70 3.54	36.34 -2.08 0.00	43.75 -2.31 0.00	42.60 -1.82 0.00	42.11 -2.75 0.00	44.17 -2.98 0.07	42.83 -3.32 0.00	45.15 -3.61 0.00	46.99 -3.22 -0.01	42.51 -3.10 -0.10	42.42 -3.03 2.14	47.48 -3.00 0.00	45.89 -1.97 0.00	49.14 -1.76 0.00	47.36 -2.44 0.00	40.07 -2.10 0.02	42.99 -1.58 0.00
GELCKHM___115KV_LOAD 80723	45.86 -0.58 0.00	43.56 -0.45 0.00	38.92 -0.50 0.00	38.03 -0.47 0.00	38.20 -0.42 0.00	43.14 -0.54 0.00	40.13 -0.59 0.00	32.37 -0.51 0.00	37.82 -0.60 0.00	45.35 -0.72 0.00	43.86 -0.56 0.00	44.27 -0.59 0.00	46.57 -0.64 0.00	45.59 -0.57 0.00	48.25 -0.52 0.00	49.79 -0.40 0.00	45.10 -0.40 0.00	47.21 -0.37 0.00	50.21 -0.26 0.00	47.67 -0.19 0.00	50.57 -0.33 0.00	49.20 -0.61 0.00	41.62 -0.57 0.00	43.92 -0.65 0.00
GENERAL___MILLS 23808	45.25 -1.20 0.00	42.68 -1.33 0.00	37.70 -1.72 0.00	36.72 -1.77 0.00	37.19 -1.43 0.00	41.84 -1.85 0.00	38.76 -1.96 0.00	27.44 -1.70 3.74	36.28 -2.14 0.00	43.66 -2.40 0.00	42.49 -1.92 0.00	41.99 -2.87 0.00	44.06 -3.09 0.07	42.71 -3.44 0.00	45.04 -3.73 0.00	46.87 -3.34 -0.01	42.40 -3.21 -0.10	42.32 -3.14 2.13	47.36 -3.11 0.00	45.79 -2.07 0.00	49.04 -1.86 0.00	47.27 -2.53 0.00	40.02 -2.15 0.02	42.93 -1.64 0.00
GE_PLASTICS___DRP 24183	46.83 0.39 0.00	44.17 0.16 0.00	39.73 0.31 0.00	38.89 0.40 0.00	38.94 0.31 0.00	44.11 0.42 0.00	41.25 0.53 0.00	33.41 0.53 0.00	39.04 0.62 0.00	46.67 0.61 0.00	44.91 0.49 0.00	45.31 0.46 0.00	47.54 0.33 0.00	46.64 0.48 0.00	49.43 0.66 0.00	51.00 0.79 -0.01	46.27 0.66 -0.11	49.33 0.74 -1.00	51.09 0.62 0.00	48.40 0.54 0.00	51.25 0.35 0.00	50.01 0.21 0.00	42.58 0.39 0.00	44.96 0.39 0.00
GILBOA___1 23756	47.04 0.60 0.00	44.40 0.39 0.00	39.96 0.54 0.00	39.22 0.73 0.00	39.20 0.58 0.00	44.40 0.71 0.00	41.43 0.71 0.00	33.55 0.67 0.00	39.21 0.79 0.00	46.95 0.89 0.00	45.35 0.93 0.00	45.94 1.08 0.00	48.26 1.04 0.00	47.47 1.31 0.00	50.32 1.55 0.00	51.85 1.68 0.03	46.60 1.40 0.30	49.04 1.45 0.00	51.78 1.31 0.00	49.00 1.14 0.00	51.90 1.00 0.00	50.68 0.88 0.00	43.21 1.02 0.00	45.61 1.04 0.00
GILBOA___2 23757	47.04 0.60 0.00	44.40 0.39 0.00	39.96 0.54 0.00	39.22 0.73 0.00	39.20 0.58 0.00	44.40 0.71 0.00	41.43 0.71 0.00	33.55 0.67 0.00	39.21 0.79 0.00	46.95 0.89 0.00	45.35 0.93 0.00	45.94 1.08 0.00	48.26 1.04 0.00	47.47 1.31 0.00	50.32 1.55 0.00	51.85 1.68 0.03	46.60 1.40 0.30	49.04 1.45 0.00	51.78 1.31 0.00	49.00 1.14 0.00	51.90 1.00 0.00	50.68 0.88 0.00	43.21 1.02 0.00	45.61 1.04 0.00
GILBOA___3 23758	47.04 0.60 0.00	44.40 0.39 0.00	39.96 0.54 0.00	39.22 0.73 0.00	39.20 0.58 0.00	44.40 0.71 0.00	41.43 0.71 0.00	33.55 0.67 0.00	39.21 0.79 0.00	46.95 0.89 0.00	45.35 0.93 0.00	45.94 1.08 0.00	48.26 1.04 0.00	47.47 1.31 0.00	50.32 1.55 0.00	51.85 1.68 0.03	46.60 1.40 0.30	49.04 1.45 0.00	51.78 1.31 0.00	49.00 1.14 0.00	51.90 1.00 0.00	50.68 0.88 0.00	43.21 1.02 0.00	45.61 1.04 0.00
GILBOA___4 23759	47.04 0.60 0.00	44.40 0.39 0.00	39.96 0.54 0.00	39.22 0.73 0.00	39.20 0.58 0.00	44.40 0.71 0.00	41.43 0.71 0.00	33.55 0.67 0.00	39.21 0.79 0.00	46.95 0.89 0.00	45.35 0.93 0.00	45.94 1.08 0.00	48.26 1.04 0.00	47.47 1.31 0.00	50.32 1.55 0.00	51.85 1.68 0.03	46.60 1.40 0.30	49.04 1.45 0.00	51.78 1.31 0.00	49.00 1.14 0.00	51.90 1.00 0.00	50.68 0.88 0.00	43.21 1.02 0.00	45.61 1.04 0.00

GILBOA____ 23599	47.04 0.60 0.00	44.40 0.39 0.00	39.96 0.54 0.00	39.22 0.74 0.00	39.20 0.58 0.00	44.40 0.71 0.00	41.43 0.71 0.00	33.56 0.68 0.00	39.21 0.79 0.00	46.95 0.89 0.00	45.35 0.93 0.00	45.94 1.08 0.00	48.26 1.04 0.00	47.47 1.31 0.00	50.32 1.55 0.00	51.85 1.68 0.03	46.60 1.40 0.30	49.04 1.45 0.00	51.78 1.31 0.00	49.01 1.14 0.00	51.89 1.00 0.00	50.68 0.87 0.00	43.21 1.02 0.00	45.61 1.04 0.00
GINNA____ 23603	44.02 -2.42 0.00	41.73 -2.28 0.00	37.13 -2.29 0.00	36.19 -2.30 0.00	36.51 -2.12 0.00	41.16 -2.52 0.00	38.23 -2.49 0.00	30.84 -2.04 0.00	36.04 -2.38 0.00	43.37 -2.70 0.00	42.16 -2.26 0.00	42.16 -2.69 0.00	44.29 -2.89 0.04	43.21 -2.95 0.00	45.62 -3.15 0.00	47.33 -2.87 0.00	42.91 -2.59 0.00	43.81 -2.65 1.13	47.79 -2.69 0.00	45.65 -2.21 0.00	48.60 -2.30 0.00	47.04 -2.77 0.00	39.69 -2.49 0.01	42.11 -2.46 0.00
GLEN PARK____ 23778	49.35 2.90 0.00	46.74 2.73 0.00	41.64 2.22 0.00	40.47 1.97 0.00	40.43 1.81 0.00	45.56 1.88 0.00	42.31 1.60 0.00	34.03 1.15 0.00	39.83 1.41 0.00	47.81 1.74 0.00	45.18 0.76 0.00	45.27 0.41 0.00	47.14 -0.07 0.00	45.20 -0.96 0.00	48.49 -0.28 0.00	50.61 0.41 0.00	45.36 -0.14 0.00	48.49 0.90 0.00	52.00 1.52 0.00	49.16 1.30 0.00	52.20 1.30 0.00	50.63 0.83 0.00	42.73 0.54 0.00	44.65 0.07 0.00
GLENDALE_27_KV_LOAD 356172	48.34 1.90 0.00	45.53 1.52 0.00	40.85 1.43 0.00	40.01 1.52 0.00	40.11 1.48 0.00	45.59 1.91 0.00	42.99 2.27 0.00	35.03 2.15 0.00	41.03 2.61 0.00	49.25 3.18 0.00	47.83 3.42 0.00	48.69 3.84 0.00	50.98 3.77 0.00	50.39 4.23 0.00	53.49 4.72 0.00	55.42 4.95 -0.27	52.56 4.36 -2.70	59.69 4.24 -7.86	54.30 3.83 0.00	51.08 3.22 0.00	54.00 3.11 0.00	52.70 2.90 0.00	45.19 2.99 0.00	47.56 2.98 0.00
GLENWOOD_IC_1_G5 23712	48.32 1.87 0.00	45.54 1.53 0.00	40.85 1.43 0.00	40.00 1.51 0.00	40.07 1.45 0.00	45.43 1.75 0.00	42.74 2.03 0.00	34.79 1.91 0.00	40.70 2.28 0.00	48.94 2.87 0.00	47.50 3.08 0.00	48.37 3.52 0.00	50.40 3.18 0.00	49.76 3.64 0.04	52.84 4.13 0.05	54.87 4.40 -0.27	52.19 3.99 -2.70	59.43 4.00 -7.84	53.92 3.45 0.00	50.74 2.88 0.00	53.65 2.75 0.00	51.71 2.35 0.44	40.06 2.45 4.59	44.74 2.69 2.52
GLENWOOD_IC_2_G1 23688	48.16 1.71 0.00	45.38 1.37 0.00	40.70 1.28 0.00	39.87 1.37 0.00	39.94 1.31 0.00	45.30 1.62 0.00	42.63 1.91 0.00	34.68 1.80 0.00	40.57 2.15 0.00	48.73 2.66 0.00	47.28 2.86 0.00	48.13 3.28 0.00	50.40 3.18 0.00	49.79 3.64 0.00	52.86 4.10 0.00	54.83 4.37 -0.27	52.12 3.91 -2.70	59.37 3.94 -7.84	53.92 3.45 0.00	50.77 2.90 0.00	53.68 2.78 0.00	52.26 2.46 0.00	44.71 2.52 0.00	47.12 2.55 0.00
GLENWOOD_IC_3_G1 23689	48.16 1.71 0.00	45.38 1.37 0.00	40.70 1.28 0.00	39.87 1.37 0.00	39.94 1.31 0.00	45.30 1.62 0.00	42.63 1.91 0.00	34.68 1.80 0.00	40.57 2.15 0.00	48.73 2.66 0.00	47.28 2.86 0.00	48.13 3.28 0.00	50.40 3.18 0.00	49.79 3.64 0.00	52.86 4.10 0.00	54.83 4.37 -0.27	52.12 3.91 -2.70	59.37 3.94 -7.84	53.92 3.45 0.00	50.77 2.90 0.00	53.68 2.78 0.00	52.26 2.46 0.00	44.71 2.52 0.00	47.12 2.55 0.00
GLENWOOD____4 23550	48.32 1.87 0.00	45.54 1.53 0.00	40.85 1.43 0.00	40.00 1.51 0.00	40.07 1.45 0.00	45.43 1.75 0.00	42.74 2.03 0.00	34.79 1.91 0.00	40.70 2.28 0.00	48.94 2.87 0.00	47.50 3.08 0.00	48.38 3.53 0.00	50.51 3.30 0.00	49.86 3.75 0.04	52.96 4.24 0.05	55.00 4.54 -0.27	52.29 4.09 -2.70	59.54 4.11 -7.84	54.04 3.56 0.00	50.87 3.00 0.00	53.77 2.88 0.00	51.83 2.47 0.44	40.14 2.54 4.59	44.74 2.69 2.52
GLENWOOD____5 23614	48.32 1.87 0.00	45.54 1.53 0.00	40.85 1.43 0.00	40.00 1.51 0.00	40.07 1.45 0.00	45.43 1.75 0.00	42.74 2.03 0.00	34.79 1.91 0.00	40.70 2.28 0.00	48.94 2.87 0.00	47.50 3.08 0.00	48.38 3.53 0.00	50.51 3.30 0.00	49.86 3.75 0.04	52.96 4.24 0.05	55.00 4.54 -0.27	52.29 4.09 -2.70	59.54 4.11 -7.84	54.04 3.56 0.00	50.87 3.00 0.00	53.77 2.88 0.00	51.83 2.47 0.44	40.14 2.54 4.59	44.74 2.69 2.52
GLOBAL GREEN_PORT_GT1 23814	49.00 2.55 0.00	46.37 2.36 0.00	41.46 2.04 0.00	40.41 1.92 0.00	40.46 1.84 0.00	45.35 1.67 0.00	42.49 1.77 0.00	34.90 2.03 0.00	40.77 2.35 0.00	48.95 2.89 0.00	47.43 3.01 0.00	48.89 4.03 0.00	50.43 3.51 0.29	49.01 3.32 0.46	50.52 3.56 1.81	47.89 4.15 6.46	52.32 4.12 -2.70	59.66 4.23 -7.84	54.12 3.64 0.00	50.79 2.93 0.00	53.97 3.07 0.00	50.65 2.28 1.44	29.51 2.27 14.96	38.02 1.68 8.23
GLOBE____DSASP 323697	44.02 -2.42 0.00	41.72 -2.29 0.00	36.94 -2.48 0.00	35.91 -2.58 0.00	36.57 -2.06 0.00	41.13 -2.55 0.00	37.99 -2.73 0.00	27.60 -2.34 2.94	35.60 -2.82 0.00	42.75 -3.31 0.00	41.68 -2.74 0.00	41.11 -3.75 0.00	42.95 -4.21 0.06	41.49 -4.67 0.00	43.73 -5.04 0.00	45.33 -4.88 -0.01	40.97 -4.62 -0.10	41.22 -4.53 1.84	45.81 -4.66 0.00	44.48 -3.39 0.00	47.67 -3.23 0.00	46.02 -3.79 0.00	39.12 -3.06 0.02	42.20 -2.37 0.00
GOETHSLN____LBMP 323567	47.83 1.38 0.00	45.03 1.01 0.00	40.40 0.98 0.00	39.60 1.11 0.00	39.69 1.07 0.00	45.12 1.44 0.00	42.55 1.83 0.00	34.64 1.76 0.00	40.56 2.14 0.00	48.67 2.61 0.00	47.23 2.82 0.00	48.08 3.22 0.00	50.36 3.14 0.00	49.78 3.63 0.00	51.78 4.08 1.07	54.53 4.28 -0.04	51.98 3.78 -2.70	52.41 3.75 -1.06	52.51 3.25 1.22	50.53 2.67 0.00	53.40 2.51 0.00	52.11 2.30 0.00	44.68 2.48 0.00	47.04 2.47 0.00
GOLAH____69_KV_TB 1_2 80279	46.50 0.06 0.00	44.02 0.01 0.00	39.05 -0.37 0.00	38.03 -0.46 0.00	38.41 -0.22 0.00	43.29 -0.39 0.00	40.21 -0.51 0.00	32.32 -0.56 0.00	37.60 -0.82 0.00	45.24 -0.82 0.00	44.11 -0.31 0.00	43.87 -0.99 0.00	46.11 -1.07 0.04	44.88 -1.28 0.00	47.32 -1.44 0.00	49.20 -0.99 0.00	44.57 -0.93 0.00	45.57 -0.74 1.28	49.92 -0.56 0.00	47.89 0.03 0.00	51.06 0.16 0.00	49.32 -0.48 0.00	41.62 -0.55 0.01	44.30 -0.28 0.00
GOODYEAR_LAKE_HYD 323669	47.98 1.54 0.00	45.37 1.36 0.00	40.57 1.15 0.00	39.73 1.24 0.00	39.81 1.19 0.00	45.08 1.39 0.00	42.13 1.41 0.00	34.09 1.21 0.00	39.77 1.35 0.00	47.66 1.59 0.00	46.12 1.70 0.00	46.55 1.70 0.00	48.92 1.70 0.00	47.95 1.79 0.00	50.69 1.92 0.00	52.36 2.14 -0.03	47.63 1.87 -0.26	48.41 1.98 1.16	52.55 2.08 0.00	49.92 2.06 0.00	52.95 2.05 0.00	51.64 1.84 0.00	43.74 1.55 0.00	46.14 1.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.52 0.07 0.00	43.99 -0.03 0.00	39.09 -0.34 0.00	38.37 -0.12 0.00	38.63 0.01 0.00	43.57 -0.11 0.00	40.71 -0.01 0.00	32.86 -0.02 0.00	38.36 -0.06 0.00	45.95 -0.12 0.00	44.37 -0.05 0.00	44.79 -0.07 0.00	46.97 -0.20 0.04	46.11 -0.05 0.00	48.85 0.08 0.00	50.32 0.09 -0.02	45.67 -0.03 -0.20	45.24 -0.05 2.30	50.74 0.26 0.00	48.14 0.27 0.00	51.18 0.28 0.00	49.69 -0.11 0.00	42.05 -0.13 0.01	44.48 -0.09 0.00

GOUDEY___7 23579	46.52 0.07 0.00	43.99 -0.03 0.00	39.09 -0.34 0.00	38.37 -0.12 0.00	38.63 0.01 0.00	43.57 -0.11 0.00	40.71 -0.01 0.00	32.86 -0.02 0.00	38.36 -0.06 0.00	45.95 -0.12 0.00	44.37 -0.05 0.00	44.79 -0.07 0.00	46.97 -0.20 0.04	46.11 -0.05 0.00	48.85 0.08 0.00	50.32 0.09 -0.02	45.67 -0.03 -0.20	45.24 -0.05 2.30	50.74 0.26 0.00	48.14 0.27 0.00	51.18 0.28 0.00	49.69 -0.11 0.00	42.05 -0.13 0.01	44.48 -0.09 0.00
GOUDEY___8 23580	46.52 0.07 0.00	43.99 -0.03 0.00	39.09 -0.34 0.00	38.37 -0.12 0.00	38.63 0.01 0.00	43.57 -0.11 0.00	40.71 -0.01 0.00	32.86 -0.02 0.00	38.36 -0.06 0.00	45.95 -0.12 0.00	44.37 -0.05 0.00	44.79 -0.07 0.00	46.97 -0.20 0.04	46.11 -0.05 0.00	48.85 0.08 0.00	50.32 0.09 -0.02	45.67 -0.03 -0.20	45.24 -0.05 2.30	50.74 0.26 0.00	48.14 0.27 0.00	51.18 0.28 0.00	49.69 -0.11 0.00	42.05 -0.13 0.01	44.48 -0.09 0.00
GOWANUS_GT1_1 24077	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT1_2 24078	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT1_3 24079	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT1_4 24080	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT1_5 24084	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT1_6 24111	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01																

GOWANUS_GT2_6 24119	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
GOWANUS_GT2_7 24120	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
GOWANUS_GT2_8 24121	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
GOWANUS_GT3_1 24122	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
GOWANUS_GT3_2 24123	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
GOWANUS_GT3_3 24124	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 																

GOWANUS_GT4_5 24134	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT4_6 24135	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT4_7 24136	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GOWANUS_GT4_8 24137	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GREATVR_69_KV_BK1 356245	48.48 2.04 0.00	45.77 1.76 0.00	41.08 1.66 0.00	40.18 1.69 0.00	40.22 1.59 0.00	45.44 1.76 0.00	42.71 1.99 0.00	34.80 1.92 0.00	40.56 2.14 0.00	48.85 2.79 0.00	47.46 3.04 0.00	48.36 3.50 0.00	50.25 3.32 0.28	49.45 3.76 0.46	50.97 4.19 1.98	47.65 4.64 7.20	52.60 4.40 -2.70	59.87 4.45 -7.84	54.26 3.78 0.00	51.14 3.27 0.00	54.28 3.38 0.00	51.19 2.78 1.39	30.49 2.75 14.45	39.22 2.60 7.95
GREENBSH_115KV_TB3 55895	46.67 0.23 0.00	43.98 -0.03 0.00	39.58 0.17 0.00	38.74 0.25 0.00	38.79 0.17 0.00	43.93 0.25 0.00	41.10 0.38 0.00	33.29 0.40 0.00	38.92 0.50 0.00	46.50 0.43 0.00	44.80 0.38 0.00	45.31 0.45 0.00	47.62 0.41 0.00	46.83 0.67 0.00	49.69 0.93 0.00	51.27 1.05 -0.02	46.62 0.93 -0.19	49.76 1.05 -1.12	51.44 0.97 0.00	48.71 0.85 0.00	51.53 0.63 0.00	50.27 0.47 0.00	42.81 0.62 0.00	45.22 0.65 0.00
GREENDGE_115KV_TB5 80291	46.56 0.11 0.00	43.91 -0.10 0.00	38.81 -0.61 0.00	37.99 -0.50 0.00	38.31 -0.31 0.00	43.25 -0.44 0.00	40.35 -0.36 0.00	37.95 -0.35 -5.43	38.33 -0.08 0.00	45.84 -0.23 0.00	44.35 -0.07 0.00	44.33 -0.53 0.00	46.22 -0.77 0.23	45.40 -0.76 0.00	47.95 -0.81 0.00	49.57 -0.64 -0.01	45.13 -0.49 -0.12	40.72 -0.19 6.68	51.09 0.62 0.00	48.32 0.46 0.00	51.28 0.38 0.00	49.59 -0.21 0.00	41.74 -0.39 0.07	44.26 -0.31 0.00
GREENIDGE___3 23582	46.56 0.11 0.00	43.91 -0.10 0.00	38.81 -0.61 0.00	37.99 -0.50 0.00	38.31 -0.31 0.00	43.25 -0.44 0.00	40.35 -0.36 0.00	37.95 -0.35 -5.43	38.33 -0.08 0.00	45.84 -0.23 0.00	44.35 -0.07 0.00	44.33 -0.53 0.00	46.22 -0.77 0.23	45.40 -0.76 0.00	47.95 -0.81 0.00	49.57 -0.64 -0.01	45.13 -0.49 -0.12	40.72 -0.19 6.68	51.09 0.62 0.00	48.32 0.46 0.00	51.28 0.38 0.00	49.59 -0.21 0.00	41.74 -0.39 0.07	44.26 -0.31 0.00
GREENIDGE___4 23583	46.56 0.11 0.00	43.91 -0.10 0.00	38.82 -0.60 0.00	37.99 -0.50 0.00	38.31 -0.31 0.00	43.25 -0.44 0.00	40.35 -0.37 0.00	37.96 -0.35 -5.43	38.34 -0.08 0.00	45.84 -0.23 0.00	44.36 -0.06 0.00	44.32 -0.53 0.00	46.22 -0.77 0.23	45.39 -0.76 0.00	47.95 -0.82 0.00	49.57 -0.64 -0.01	45.13 -0.49 -0.12	40.71 -0.19 6.68	51.09 0.61 0.00	48.32 0.45 0.00	51.27 0.37 0.00	49.60 -0.21 0.00	41.74 -0.39 0.07	44.26 -0.31 0.00
GREENLWN_69_KV_BK 3 55738	47.51 1.07 0.00	44.92 0.91 0.00	40.41 0.99 0.00	39.56 1.07 0.00	39.61 0.98 0.00	44.74 1.06 0.00	42.03 1.31 0.00	34.14 1.26 0.00	39.71 1.28 0.00	47.75 1.69 0.00	46.27 1.85 0.00	47.19 2.33 0.00	49.08 2.15 0.29	48.03 2.58 0.70	41.15 3.02 10.64	10.53 3.35 43.03	51.34 3.14 -2.70	58.65 3.22 -7.84	52.91 2.43 0.00	49.77 1.91 0.00	52.66 1.77 0.00	49.72 1.32 1.40	29.19 1.59 14.59	38.19 1.64 8.03
GREENWD_138_KV_38B11_REV_LBMP_J 345004	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00
GRISSOM___SOLAR 323813	48.93 2.48 0.00	46.28 2.27 0.00	41.46 2.03 0.00	40.46 1.97 0.00	40.57 1.94 0.00	45.94 2.26 0.00	42.74 2.03 0.00	34.41 1.52 0.00	39.20 0.78 0.00	46.59 0.52 0.00	44.87 0.45 0.00	45.45 0.60 0.00	48.15 0.94 0.00	47.26 1.11 0.00	50.05 1.29 0.00	51.47 1.26 -0.01	47.37 1.75 -0.12	48.95 1.37 0.00	53.06 2.58 0.00	51.02 3.16 0.00	54.13 3.23 0.00	52.85 3.04 0.00	44.74 2.55 0.00	47.08 2.52 0.00
GROVEVILLE___HYD 323602	48.44 2.00 0.00	45.59 1.58 0.00	40.88 1.46 0.00	40.04 1.55 0.00	40.12 1.50 0.00	45.54 1.86 0.00	42.83 2.11 0.00	34.84 1.96 0.00	40.77 2.35 0.00	48.90 2.84 0.00	47.41 3.00 0.00	48.23 3.38 0.00	50.67 3.45 0.00	50.09 3.94 0.00	53.22 4.45 0.00	55.19 4.73 -0.26	52.39 4.26 -2.64	51.93 4.34 0.00	54.62 4.15 0.00	51.47 3.60 0.00	54.40 3.50 0.00	52.92 3.12 0.00	45.12 2.92 0.00	47.48 2.91 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.18 -0.26 0.00	43.86 -0.15 0.00	39.16 -0.27 0.00	38.27 -0.22 0.00	38.44 -0.19 0.00	43.41 -0.28 0.00	40.39 -0.32 0.00	32.58 -0.30 0.00	38.06 -0.36 0.00	45.64 -0.43 0.00	44.14 -0.28 0.00	44.54 -0.31 0.00	46.88 -0.34 0.00	45.92 -0.23 0.00	48.58 -0.19 0.00	50.15 -0.05 0.00	45.44 -0.06 0.00	47.57 -0.02 0.00	50.63 0.15 0.00	48.05 0.19 0.00	50.97 0.06 0.00	49.57 -0.23 0.00	41.89 -0.30 0.00	44.21 -0.36 0.00
HAMLTNNY_34_KV_TB 80303	46.29 -0.15 0.00	43.92 -0.09 0.00	39.16 -0.26 0.00	38.27 -0.22 0.00	38.46 -0.17 0.00	43.41 -0.27 0.00	40.36 -0.35 0.00	32.54 -0.34 0.00	37.98 -0.44 0.00	45.57 -0.50 0.00	44.14 -0.28 0.00	44.40 -0.46 0.00	46.73 -0.49 0.00	45.78 -0.37 0.00	48.31 -0.45 0.00	49.93 -0.27 0.00	45.36 -0.14 0.00	47.49 -0.10 0.00	50.52 0.05 0.00	48.10 0.24 0.00	51.09 0.19 0.00	49.65 -0.15 0.00	41.92 -0.28 0.00	44.27 -0.30 0.00

HAMPSHIRE___PAPER_HYD 323593	48.46 2.01 0.00	45.93 1.92 0.00	40.97 1.54 0.00	39.81 1.32 0.00	39.87 1.25 0.00	45.09 1.41 0.00	41.96 1.24 0.00	33.76 0.88 0.00	39.46 1.05 0.00	47.32 1.26 0.00	45.15 0.73 0.00	45.18 0.32 0.00	47.40 0.18 0.00	45.70 -0.46 0.00	48.35 -0.42 0.00	49.98 -0.22 0.00	45.40 -0.10 0.00	47.49 -0.09 0.00	50.72 0.25 0.00	48.14 0.27 0.00	51.33 0.43 0.00	50.22 0.42 0.00	42.41 0.22 0.00	44.63 0.06 0.00
HARDSCRABBLE_WT_PWR 323673	46.87 0.43 0.00	44.06 0.05 0.00	39.43 0.01 0.00	38.63 0.13 0.00	38.70 0.08 0.00	43.86 0.17 0.00	40.99 0.27 0.00	33.18 0.30 0.00	38.47 0.05 0.00	45.72 -0.34 0.00	43.96 -0.46 0.00	44.80 -0.06 0.00	47.00 -0.21 0.00	46.44 0.28 0.00	49.10 0.34 0.00	50.58 0.38 0.00	46.23 0.73 0.00	48.20 0.61 0.00	51.69 1.22 0.00	48.87 1.01 0.00	51.68 0.78 0.00	50.27 0.47 0.00	42.74 0.55 0.00	45.16 0.59 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.24 1.80 0.00	45.43 1.41 0.00	40.72 1.30 0.00	39.89 1.40 0.00	39.97 1.35 0.00	45.39 1.70 0.00	42.68 1.96 0.00	34.69 1.81 0.00	40.60 2.18 0.00	48.72 2.65 0.00	47.28 2.86 0.00	48.12 3.27 0.00	50.58 3.36 0.00	49.93 3.78 0.00	53.03 4.26 0.00	54.97 4.52 -0.25	52.05 4.07 -2.48	39.73 4.09 11.95	54.27 3.79 0.00	51.10 3.24 0.00	54.03 3.13 0.00	52.57 2.77 0.00	44.87 2.68 0.00	47.20 2.63 0.00
HARSNRAD_115KV_TB1 81005	44.85 -1.59 0.00	42.43 -1.58 0.00	37.54 -1.89 0.00	36.52 -1.97 0.00	37.01 -1.62 0.00	41.56 -2.13 0.00	38.44 -2.28 0.00	27.71 -1.96 3.20	35.87 -2.55 0.00	43.16 -2.90 0.00	42.07 -2.35 0.00	41.49 -3.37 0.00	43.58 -3.58 0.06	42.20 -3.96 0.00	44.43 -4.34 0.00	46.32 -3.89 -0.01	41.92 -3.67 -0.10	42.23 -3.53 1.83	47.02 -3.45 0.00	45.57 -2.29 0.00	48.84 -2.06 0.00	47.10 -2.71 0.00	39.88 -2.29 0.02	42.81 -1.76 0.00
HARZA MOOSE___RIVER 24016	48.30 1.85 0.00	45.73 1.72 0.00	40.83 1.41 0.00	39.76 1.27 0.00	39.79 1.17 0.00	44.94 1.25 0.00	41.80 1.08 0.00	33.65 0.77 0.00	39.38 0.96 0.00	47.20 1.14 0.00	45.16 0.75 0.00	45.27 0.42 0.00	47.48 0.26 0.00	46.11 -0.04 0.00	48.84 0.07 0.00	50.66 0.46 0.00	46.04 0.54 0.00	48.24 0.65 0.00	51.43 0.95 0.00	48.80 0.94 0.00	51.77 0.87 0.00	50.34 0.54 0.00	42.55 0.36 0.00	44.72 0.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.88 -0.56 0.00	43.59 -0.43 0.00	38.92 -0.50 0.00	38.03 -0.46 0.00	38.22 -0.40 0.00	43.15 -0.53 0.00	40.15 -0.57 0.00	32.40 -0.48 0.00	37.84 -0.58 0.00	45.39 -0.67 0.00	43.90 -0.52 0.00	44.32 -0.54 0.00	46.63 -0.59 0.00	45.64 -0.51 0.00	48.30 -0.47 0.00	49.84 -0.36 0.00	45.14 -0.35 0.00	47.26 -0.33 0.00	50.26 -0.21 0.00	47.72 -0.15 0.00	50.62 -0.28 0.00	49.24 -0.57 0.00	41.65 -0.54 0.00	43.95 -0.62 0.00
HELLGATE_13_KV_LD 55870	48.37 1.93 0.00	45.56 1.55 0.00	40.89 1.47 0.00	40.07 1.58 0.00	40.17 1.54 0.00	45.67 1.98 0.00	43.08 2.36 0.00	35.09 2.21 0.00	41.10 2.68 0.00	49.34 3.27 0.00	47.94 3.52 0.00	48.78 3.92 0.00	51.09 3.87 0.00	50.48 4.32 0.00	53.54 4.78 0.00	55.53 5.06 -0.27	52.65 4.45 -2.70	59.79 4.34 -7.86	54.37 3.89 0.00	51.18 3.32 0.00	54.06 3.16 0.00	52.77 2.96 0.00	45.26 3.07 0.00	47.63 3.06 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	48.37 1.93 0.00	45.56 1.55 0.00	40.89 1.47 0.00	40.07 1.58 0.00	40.17 1.54 0.00	45.67 1.98 0.00	43.08 2.36 0.00	35.09 2.21 0.00	41.10 2.68 0.00	49.34 3.27 0.00	47.94 3.52 0.00	48.78 3.92 0.00	51.09 3.87 0.00	50.48 4.32 0.00	53.54 4.78 0.00	55.53 5.06 -0.27	52.65 4.45 -2.70	59.79 4.34 -7.86	54.37 3.89 0.00	51.18 3.32 0.00	54.06 3.16 0.00	52.77 2.96 0.00	45.26 3.07 0.00	47.63 3.06 0.00
HEMPSTEAD___ 23647	47.95 1.51 0.00	45.26 1.25 0.00	40.60 1.18 0.00	39.74 1.25 0.00	39.80 1.18 0.00	45.08 1.40 0.00	42.40 1.68 0.00	34.50 1.62 0.00	40.31 1.89 0.00	48.49 2.43 0.00	47.06 2.65 0.00	47.93 3.08 0.00	50.09 2.88 0.00	49.40 3.31 0.06	52.47 3.79 0.08	54.56 4.09 -0.27	51.94 3.74 -2.70	59.22 3.79 -7.84	53.64 3.17 0.00	50.48 2.62 0.00	53.41 2.51 0.00	51.26 2.13 0.67	37.40 2.20 6.99	42.99 2.27 3.85
HICKLING___1 23621	46.45 0.00 0.00	43.70 -0.32 0.00	38.41 -1.01 0.00	37.74 -0.76 0.00	38.14 -0.48 0.00	42.99 -0.69 0.00	40.19 -0.53 0.00	34.73 -0.55 -2.41	37.54 -0.88 0.00	45.29 -0.78 0.00	43.77 -0.65 0.00	43.95 -0.90 0.00	45.76 -1.25 0.21	44.97 -1.18 0.00	47.63 -1.13 0.00	49.03 -1.18 -0.02	44.59 -1.06 -0.16	39.63 -1.00 6.95	50.08 -0.40 0.00	47.42 -0.45 0.00	50.39 -0.51 0.00	48.72 -1.08 0.00	41.06 -1.07 0.06	43.63 -0.94 0.00
HICKLING___2 23622	46.45 0.00 0.00	43.70 -0.32 0.00	38.41 -1.01 0.00	37.74 -0.76 0.00	38.14 -0.48 0.00	42.99 -0.69 0.00	40.19 -0.53 0.00	34.73 -0.55 -2.41	37.54 -0.88 0.00	45.29 -0.78 0.00	43.77 -0.65 0.00	43.95 -0.90 0.00	45.76 -1.25 0.21	44.97 -1.18 0.00	47.63 -1.13 0.00	49.03 -1.18 -0.02	44.59 -1.06 -0.16	39.63 -1.00 6.95	50.08 -0.40 0.00	47.42 -0.45 0.00	50.39 -0.51 0.00	48.72 -1.08 0.00	41.06 -1.07 0.06	43.63 -0.94 0.00
HIGH FALLS___HY 23754	48.29 1.84 0.00	45.45 1.44 0.00	40.73 1.31 0.00	39.91 1.41 0.00	39.98 1.35 0.00	45.38 1.70 0.00	42.71 2.00 0.00	34.74 1.86 0.00	40.62 2.20 0.00	48.73 2.67 0.00	47.21 2.80 0.00	48.04 3.18 0.00	50.60 3.38 0.00	50.11 3.96 0.00	53.35 4.58 0.00	55.09 4.68 -0.21	51.97 4.31 -2.16	49.11 4.38 2.86	54.78 4.30 0.00	51.54 3.68 0.00	54.53 3.63 0.00	53.05 3.24 0.00	45.21 3.02 0.00	47.51 2.94 0.00
HIGH_RIVER___SOLAR 323847	48.01 1.57 0.00	45.36 1.35 0.00	40.69 1.27 0.00	39.75 1.26 0.00	39.86 1.24 0.00	45.13 1.44 0.00	42.07 1.35 0.00	33.85 0.97 0.00	39.10 0.68 0.00	46.45 0.39 0.00	44.82 0.40 0.00	45.57 0.71 0.00	47.87 0.66 0.00	47.16 1.01 0.00	49.67 0.90 0.00	51.37 1.16 -0.01	47.11 1.50 -0.11	49.83 1.39 -0.85	52.45 1.98 0.00	50.05 2.19 0.00	53.11 2.21 0.00	51.81 2.01 0.00	43.98 1.79 0.00	46.37 1.79 0.00
HILLBURN___GT 23639	48.04 1.60 0.00	45.28 1.26 0.00	40.60 1.18 0.00	39.79 1.30 0.00	39.86 1.24 0.00	45.28 1.60 0.00	42.62 1.90 0.00	34.63 1.75 0.00	40.49 2.07 0.00	48.57 2.51 0.00	47.12 2.70 0.00	47.96 3.11 0.00	50.36 3.15 0.00	49.73 3.57 0.00	52.76 3.99 0.00	54.67 4.22 -0.25	51.76 3.73 -2.53	38.40 3.72 12.90	53.77 3.29 0.00	50.66 2.80 0.00	53.60 2.71 0.00	52.22 2.42 0.00	44.65 2.46 0.00	46.99 2.42 0.00
HILLSIDE_115KV_TB1 80332	45.82 -0.63 0.00	43.23 -0.78 0.00	38.06 -1.37 0.00	37.48 -1.01 0.00	37.88 -0.74 0.00	42.60 -1.08 0.00	39.90 -0.82 0.00	33.70 -0.78 -1.61	37.43 -0.99 0.00	44.87 -1.19 0.00	43.33 -1.09 0.00	43.68 -1.18 0.00	45.54 -1.48 0.19	44.86 -1.29 0.00	47.65 -1.12 0.00	48.89 -1.33 -0.02	44.30 -1.36 -0.16	39.65 -1.44 6.50	49.66 -0.82 0.00	46.96 -0.90 0.00	50.00 -0.90 0.00	48.38 -1.42 0.00	40.82 -1.32 0.06	43.33 -1.24 0.00

HISHELDN_WT_PWR 323625	44.86 -1.59 0.00	42.12 -1.89 0.00	37.07 -2.35 0.00	36.23 -2.26 0.00	36.63 -2.00 0.00	41.31 -2.37 0.00	38.23 -2.49 0.00	18.37 -2.09 12.41	28.68 -2.78 6.96	43.23 -2.83 0.00	41.93 -2.49 0.00	41.51 -3.35 0.00	43.45 -3.68 0.09	42.33 -3.82 0.00	44.56 -4.21 0.00	46.26 -3.95 -0.01	42.10 -3.52 -0.12	41.47 -3.51 2.60	46.90 -3.58 0.00	45.04 -2.82 0.00	48.14 -2.76 0.00	46.53 -3.27 0.00	39.33 -2.84 0.03	42.18 -2.39 0.00
HOLTSVILLE_IC_1 23690	47.69 1.24 0.00	45.06 1.05 0.00	40.47 1.05 0.00	39.59 1.10 0.00	39.63 1.01 0.00	44.74 1.05 0.00	42.03 1.31 0.00	34.22 1.34 0.00	39.86 1.44 0.00	47.90 1.84 0.00	46.49 2.07 0.00	47.37 2.51 0.00	49.19 2.26 0.29	48.42 2.72 0.45	50.07 3.00 1.70	47.51 3.33 6.02	51.39 3.19 -2.70	58.66 3.24 -7.84	53.03 2.55 0.00	49.91 2.05 0.00	53.00 2.10 0.00	49.98 1.61 1.44	29.04 1.83 14.99	37.99 1.66 8.25
HOLTSVILLE_IC_10 23699	47.91 1.46 0.00	45.24 1.22 0.00	40.61 1.19 0.00	39.72 1.23 0.00	39.77 1.14 0.00	44.90 1.21 0.00	42.18 1.47 0.00	34.35 1.47 0.00	40.04 1.62 0.00	48.15 2.09 0.00	46.78 2.36 0.00	47.71 2.85 0.00	49.57 2.64 0.29	48.77 3.10 0.49	50.02 3.38 2.13	46.16 3.75 7.78	51.79 3.59 -2.70	59.07 3.64 -7.84	53.46 2.99 0.00	50.31 2.45 0.00	53.42 2.52 0.00	50.38 2.00 1.43	29.46 2.12 14.86	38.30 1.91 8.18
HOLTSVILLE_IC_2 23691	47.69 1.24 0.00	45.06 1.05 0.00	40.47 1.05 0.00	39.59 1.10 0.00	39.63 1.01 0.00	44.74 1.05 0.00	42.03 1.31 0.00	34.22 1.34 0.00	39.86 1.44 0.00	47.90 1.84 0.00	46.49 2.07 0.00	47.37 2.51 0.00	49.19 2.26 0.29	48.42 2.72 0.45	50.07 3.00 1.70	47.51 3.33 6.02	51.39 3.19 -2.70	58.66 3.24 -7.84	53.03 2.55 0.00	49.91 2.05 0.00	53.00 2.10 0.00	49.98 1.61 1.44	29.04 1.83 14.99	37.99 1.66 8.25
HOLTSVILLE_IC_3 23692	47.69 1.24 0.00	45.06 1.05 0.00	40.47 1.05 0.00	39.59 1.10 0.00	39.63 1.01 0.00	44.74 1.05 0.00	42.03 1.31 0.00	34.22 1.34 0.00	39.86 1.44 0.00	47.90 1.84 0.00	46.49 2.07 0.00	47.37 2.51 0.00	49.19 2.26 0.29	48.42 2.72 0.45	50.07 3.00 1.70	47.51 3.33 6.02	51.39 3.19 -2.70	58.66 3.24 -7.84	53.03 2.55 0.00	49.91 2.05 0.00	53.00 2.10 0.00	49.98 1.61 1.44	29.04 1.83 14.99	37.99 1.66 8.25
HOLTSVILLE_IC_4 23693	47.69 1.24 0.00	45.06 1.05 0.00	40.47 1.05 0.00	39.59 1.10 0.00	39.63 1.01 0.00	44.74 1.05 0.00	42.03 1.31 0.00	34.22 1.34 0.00	39.86 1.44 0.00	47.90 1.84 0.00	46.49 2.07 0.00	47.37 2.51 0.00	49.19 2.26 0.29	48.42 2.72 0.45	50.07 3.00 1.70	47.51 3.33 6.02	51.39 3.19 -2.70	58.66 3.24 -7.84	53.03 2.55 0.00	49.91 2.05 0.00	53.00 2.10 0.00	49.98 1.61 1.44	29.04 1.83 14.99	37.99 1.66 8.25
HOLTSVILLE_IC_5 23694	47.69 1.24 0.00	45.06 1.05 0.00	40.47 1.05 0.00	39.59 1.10 0.00	39.63 1.01 0.00	44.74 1.05 0.00	42.03 1.31 0.00	34.22 1.34 0.00	39.86 1.44 0.00	47.90 1.84 0.00	46.49 2.07 0.00	47.37 2.51 0.00	49.19 2.26 0.29	48.42 2.72 0.45	50.07 3.00 1.70	47.51 3.33 6.02	51.39 3.19 -2.70	58.66 3.24 -7.84	53.03 2.55 0.00	49.91 2.05 0.00	53.00 2.10 0.00	49.98 1.61 1.44	29.04 1.83 14.99	37.99 1.66 8.25
HOLTSVILLE_IC_6 23695	47.91 1.46 0.00	45.24 1.22 0.00	40.61 1.19 0.00	39.72 1.23 0.00	39.77 1.14 0.00	44.90 1.21 0.00	42.18 1.47 0.00	34.35 1.47 0.00	40.04 1.62 0.00	48.15 2.09 0.00	46.78 2.36 0.00	47.71 2.85 0.00	49.57 2.64 0.29	48.77 3.10 0.49	50.02 3.38 2.13	46.16 3.75 7.78	51.79 3.59 -2.70	59.07 3.64 -7.84	53.46 2.99 0.00	50.31 2.45 0.00	53.42 2.52 0.00	50.38 2.00 1.43	29.46 2.12 14.86	38.30 1.91 8.18
HOLTSVILLE_IC_7 23696	47.91 1.46 0.00	45.24 1.22 0.00	40.61 1.19 0.00	39.72 1.23 0.00	39.77 1.14 0.00	44.90 1.21 0.00	42.18 1.47 0.00	34.35 1.47 0.00	40.04 1.62 0.00	48.15 2.09 0.00	46.78 2.36 0.00	47.71 2.85 0.00	49.57 2.64 0.29	48.77 3.10 0.49	50.02 3.38 2.13	46.16 3.75 7.78	51.79 3.59 -2.70	59.07 3.64 -7.84	53.46 2.99 0.00	50.31 2.45 0.00	53.42 2.52 0.00	50.38 2.00 1.43	29.46 2.12 14.86	38.30 1.91 8.18
HOLTSVILLE_IC_8 23697	47.91 1.46 0.00	45.24 1.22 0.00	40.61 1.19 0.00	39.72 1.23 0.00	39.77 1.14 0.00	44.90 1.21 0.00	42.18 1.47 0.00	34.35 1.47 0.00	40.04 1.62 0.00	48.15 2.09 0.00	46.78 2.36 0.00	47.71 2.85 0.00	49.57 2.64 0.29	48.77 3.10 0.49	50.02 3.38 2.13	46.16 3.75 7.78	51.79 3.59 -2.70	59.07 3.64 -7.84	53.46 2.99 0.00	50.31 2.45 0.00	53.42 2.52 0.00	50.38 2.00 1.43	29.46 2.12 14.86	38.30 1.91 8.18
HOLTSVILLE_IC_9 23698	47.91 1.46 0.00	45.24 1.22 0.00	40.61 1.19 0.00	39.72 1.23 0.00	39.77 1.14 0.00	44.90 1.21 0.00	42.18 1.47 0.00	34.35 1.47 0.00	40.04 1.62 0.00	48.15 2.09 0.00	46.78 2.36 0.00	47.71 2.85 0.00	49.57 2.64 0.29	48.77 3.10 0.49	50.02 3.38 2.13	46.16 3.75 7.78	51.79 3.59 -2.70	59.07 3.64 -7.84	53.46 2.99 0.00	50.31 2.45 0.00	53.42 2.52 0.00	50.38 2.00 1.43	29.46 2.12 14.86	38.30 1.91 8.18
HOMER_HL_115KV_TB2 355744	45.19 -1.25 0.00	42.67 -1.35 0.00	37.76 -1.66 0.00	37.27 -1.23 0.00	37.76 -0.86 0.00	42.61 -1.08 0.00	39.73 -0.99 0.00	31.32 -0.85 0.71	37.32 -1.10 0.00	44.74 -1.32 0.00	43.22 -1.20 0.00	42.43 -2.42 0.00	44.18 -2.93 0.10	42.69 -3.47 0.00	44.94 -3.83 0.00	46.53 -3.68 -0.01	41.93 -3.68 -0.12	41.13 -3.61 2.85	47.02 -3.46 0.00	45.21 -2.65 0.00	48.51 -2.39 0.00	46.76 -3.04 0.00	39.94 -2.22 0.03	42.81 -1.76 0.00
HOWARD_WT_PWR 323690	45.39 -1.05 0.00	42.22 -1.79 0.00	36.86 -2.57 0.00	36.00 -2.50 0.00	36.27 -2.36 0.00	41.18 -2.51 0.00	38.26 -2.46 0.00	42.31 -1.99 -11.41	37.85 -0.57 0.00	45.23 -0.84 0.00	43.62 -0.80 0.00	43.10 -1.75 0.00	44.67 -2.32 0.22	43.66 -2.50 0.00	45.63 -3.14 0.00	47.31 -2.90 -0.01	43.02 -2.60 -0.12	39.51 -1.63 6.44	50.11 -0.37 0.00	46.71 -1.15 0.00	49.18 -1.72 0.00	47.41 -2.39 0.00	40.01 -2.12 0.07	42.61 -1.96 0.00
HQ_GEN_CEDARS 23644	47.67 1.23 0.00	45.23 1.22 0.00	40.36 0.94 0.00	39.26 0.77 0.00	39.43 0.81 0.00	44.74 1.05 0.00	41.68 0.97 0.00	33.58 0.70 0.00	39.25 0.83 0.00	47.11 1.05 0.00	45.27 0.85 0.00	45.47 0.62 0.00	47.92 0.71 0.00	46.46 0.30 0.00	48.87 0.11 0.00	50.17 -0.03 0.00	45.63 0.13 0.00	47.64 0.06 0.00	50.69 0.21 0.00	48.18 0.31 0.00	51.51 0.61 0.00	50.63 0.83 0.00	42.59 0.39 0.00	45.11 0.54 0.00
HQ_GEN_CEDARS_PROXY 323590	47.67 1.23 0.00	45.23 1.22 0.00	40.36 0.94 0.00	39.26 0.77 0.00	39.43 0.81 0.00	44.74 1.05 0.00	41.68 0.97 0.00	33.58 0.70 0.00	39.25 0.83 0.00	47.11 1.05 0.00	45.27 0.85 0.00	45.47 0.62 0.00	47.93 0.71 0.00	45.31 0.30 1.15	48.87 0.11 0.00	50.17 -0.03 0.00	45.63 0.13 0.00	47.64 0.06 0.00	50.69 0.21 0.00	49.21 0.31 -1.04	51.51 0.61 0.00	50.63 0.83 0.00	42.12 0.39 0.46	45.11 0.54 0.00

HQ_GEN_IMPORT 323601	46.82 0.37 0.00	43.59 0.37 0.80	39.74 0.32 0.00	38.73 0.24 0.00	38.89 0.27 0.00	43.99 0.31 0.00	41.01 0.29 0.00	33.08 0.19 0.00	38.66 0.24 0.00	45.26 0.34 1.15	44.67 0.25 0.00	45.07 0.21 0.00	51.59 0.29 -4.09	45.54 0.07 0.69	48.68 -0.09 0.00	49.72 -0.22 0.25	45.34 -0.16 0.00	47.38 -0.21 0.00	50.30 -0.18 0.00	47.44 -0.13 0.29	52.24 0.07 -1.27	50.75 0.32 -0.63	42.31 0.12 0.00	44.73 0.16 0.00
HQ_GEN_WHEEL 23651	46.82 0.37 0.00	43.59 0.37 0.80	39.74 0.32 0.00	38.73 0.24 0.00	38.89 0.27 0.00	43.99 0.31 0.00	41.01 0.29 0.00	33.08 0.19 0.00	38.66 0.24 0.00	45.26 0.34 1.15	44.67 0.25 0.00	45.07 0.21 0.00	51.59 0.29 -4.09	45.54 0.07 0.69	48.68 -0.09 0.00	49.72 -0.22 0.25	45.34 -0.16 0.00	47.38 -0.21 0.00	50.30 -0.18 0.00	47.44 -0.13 0.29	52.24 0.07 -1.27	50.75 0.32 -0.63	42.31 0.12 0.00	44.73 0.16 0.00
HUDSON AVE_GT_3 23810	48.20 1.76 0.00	45.36 1.35 0.00	40.69 1.27 0.00	39.88 1.39 0.00	39.98 1.36 0.00	45.44 1.76 0.00	42.83 2.11 0.00	34.87 2.00 0.00	40.86 2.43 0.00	49.03 2.97 0.00	47.61 3.19 0.00	48.47 3.62 0.00	50.77 3.56 0.00	50.18 4.02 0.00	53.28 4.51 0.00	55.24 4.77 -0.27	52.40 4.20 -2.70	59.63 4.17 -7.87	54.23 3.75 0.00	50.98 3.12 0.00	53.88 2.98 0.00	52.54 2.74 0.00	45.01 2.82 0.00	47.38 2.80 0.00
HUDSON AVE_GT_4 23540	48.20 1.76 0.00	45.36 1.35 0.00	40.69 1.27 0.00	39.88 1.39 0.00	39.98 1.36 0.00	45.44 1.76 0.00	42.83 2.11 0.00	34.87 2.00 0.00	40.86 2.43 0.00	49.03 2.97 0.00	47.61 3.19 0.00	48.47 3.62 0.00	50.77 3.56 0.00	50.18 4.02 0.00	53.28 4.51 0.00	55.24 4.77 -0.27	52.40 4.20 -2.70	59.63 4.17 -7.87	54.23 3.75 0.00	50.98 3.12 0.00	53.88 2.98 0.00	52.54 2.74 0.00	45.01 2.82 0.00	47.38 2.80 0.00
HUDSON AVE_GT_5 23657	48.20 1.76 0.00	45.36 1.35 0.00	40.69 1.27 0.00	39.88 1.39 0.00	39.98 1.36 0.00	45.44 1.76 0.00	42.83 2.11 0.00	34.87 2.00 0.00	40.86 2.43 0.00	49.03 2.97 0.00	47.61 3.19 0.00	48.47 3.62 0.00	50.77 3.56 0.00	50.18 4.02 0.00	53.28 4.51 0.00	55.24 4.77 -0.27	52.40 4.20 -2.70	59.63 4.17 -7.87	54.23 3.75 0.00	50.98 3.12 0.00	53.88 2.98 0.00	52.54 2.74 0.00	45.01 2.82 0.00	47.38 2.80 0.00
HUDSON_AVE_10 24168	47.94 1.50 0.00	45.11 1.10 0.01	40.46 1.04 0.00	39.67 1.19 0.00	39.80 1.18 0.00	45.24 1.55 0.00	42.64 1.92 0.00	34.72 1.84 0.00	40.68 2.26 0.00	48.81 2.74 0.00	47.37 2.95 0.00	48.24 3.38 0.00	50.71 3.33 -0.17	50.10 3.82 -0.11	53.07 4.31 0.00	55.03 4.56 -0.27	52.17 3.98 -2.70	59.41 3.95 -7.87	53.96 3.49 0.00	50.73 2.87 0.00	53.59 2.70 0.00	52.26 2.46 0.00	44.79 2.60 0.00	47.12 2.55 0.00
HUDSON___115KV_TB 4 355613	47.68 1.24 0.00	44.89 0.87 0.00	40.34 0.92 0.00	39.50 1.01 0.00	39.55 0.92 0.00	44.83 1.15 0.00	41.94 1.22 0.00	33.97 1.09 0.00	39.68 1.26 0.00	47.14 1.08 0.00	45.20 0.78 0.00	45.67 0.82 0.00	48.10 0.88 0.00	47.27 1.11 0.00	50.26 1.50 0.00	51.97 1.73 -0.04	47.33 1.44 -0.39	49.34 1.76 0.00	52.52 2.04 0.00	50.13 2.27 0.00	53.08 2.19 0.00	51.69 1.89 0.00	43.90 1.71 0.00	46.26 1.69 0.00
HUNTER MOUNT___DRP 323613	47.88 1.43 0.00	45.06 1.04 0.00	40.50 1.08 0.00	39.65 1.16 0.00	39.69 1.07 0.00	44.99 1.31 0.00	42.06 1.35 0.00	34.08 1.19 0.00	39.81 1.39 0.00	47.30 1.24 0.00	45.28 0.86 0.00	45.73 0.88 0.00	48.24 1.02 0.00	47.38 1.22 0.00	50.38 1.61 0.00	52.21 1.94 -0.06	47.75 1.59 -0.66	49.56 1.97 0.00	52.80 2.33 0.00	50.38 2.52 0.00	53.33 2.43 0.00	51.94 2.14 0.00	44.06 1.87 0.00	46.41 1.84 0.00
HUNTINGTON_RES_REC 323705	47.69 1.24 0.00	45.06 1.05 0.00	40.51 1.09 0.00	39.61 1.12 0.00	39.67 1.05 0.00	44.79 1.11 0.00	42.07 1.35 0.00	34.21 1.33 0.00	39.83 1.41 0.00	47.96 1.89 0.00	46.54 2.13 0.00	47.49 2.64 0.00	49.42 2.50 0.29	48.29 2.95 0.82	46.53 3.30 5.55	32.13 3.66 21.73	51.68 3.48 -2.70	59.01 3.58 -7.84	53.28 2.80 0.00	50.10 2.24 0.00	53.06 2.16 0.00	50.05 1.67 1.42	29.22 1.84 14.81	38.21 1.79 8.15
HUNTLEY___63 23557	45.16 -1.29 0.00	42.69 -1.32 0.00	37.74 -1.68 0.00	36.70 -1.80 0.00	37.26 -1.37 0.00	41.88 -1.80 0.00	38.76 -1.96 0.00	27.99 -1.71 3.18	36.29 -2.14 0.00	43.64 -2.42 0.00	42.56 -1.86 0.00	42.03 -2.82 0.00	44.04 -3.11 0.07	42.64 -3.51 0.00	44.92 -3.84 0.00	46.73 -3.48 -0.01	42.22 -3.37 -0.10	42.41 -3.25 1.92	47.23 -3.25 0.00	45.76 -2.11 0.00	49.00 -1.90 0.00	47.27 -2.54 0.00	40.08 -2.09 0.02	43.06 -1.51 0.00
HUNTLEY___64 23558	45.16 -1.29 0.00	42.69 -1.32 0.00	37.74 -1.68 0.00	36.70 -1.80 0.00	37.26 -1.37 0.00	41.88 -1.80 0.00	38.76 -1.96 0.00	27.99 -1.71 3.18	36.29 -2.14 0.00	43.64 -2.42 0.00	42.56 -1.86 0.00	42.03 -2.82 0.00	44.04 -3.11 0.07	42.64 -3.51 0.00	44.92 -3.84 0.00	46.73 -3.48 -0.01	42.22 -3.37 -0.10	42.41 -3.25 1.92	47.23 -3.25 0.00	45.76 -2.11 0.00	49.00 -1.90 0.00	47.27 -2.54 0.00	40.08 -2.09 0.02	43.06 -1.51 0.00
HUNTLEY___65 23559	45.16 -1.29 0.00	42.69 -1.32 0.00	37.74 -1.68 0.00	36.70 -1.80 0.00	37.26 -1.37 0.00	41.88 -1.80 0.00	38.76 -1.96 0.00	27.99 -1.71 3.18	36.29 -2.14 0.00	43.64 -2.42 0.00	42.56 -1.86 0.00	42.03 -2.82 0.00	44.04 -3.11 0.07	42.64 -3.51 0.00	44.92 -3.84 0.00	46.73 -3.48 -0.01	42.22 -3.37 -0.10	42.41 -3.25 1.92	47.23 -3.25 0.00	45.76 -2.11 0.00	49.00 -1.90 0.00	47.27 -2.54 0.00	40.08 -2.09 0.02	43.06 -1.51 0.00
HUNTLEY___66 23560	45.16 -1.29 0.00	42.69 -1.32 0.00	37.74 -1.68 0.00	36.70 -1.80 0.00	37.26 -1.37 0.00	41.88 -1.80 0.00	38.76 -1.96 0.00	27.99 -1.71 3.18	36.29 -2.14 0.00	43.64 -2.42 0.00	42.56 -1.86 0.00	42.03 -2.82 0.00	44.04 -3.11 0.07	42.64 -3.51 0.00	44.92 -3.84 0.00	46.73 -3.48 -0.01	42.22 -3.37 -0.10	42.41 -3.25 1.92	47.23 -3.25 0.00	45.76 -2.11 0.00	49.00 -1.90 0.00	47.27 -2.54 0.00	40.08 -2.09 0.02	43.06 -1.51 0.00
HUNTLEY___67 23561	44.79 -1.66 0.00	42.35 -1.66 0.00	37.47 -1.95 0.00	36.46 -2.04 0.00	36.96 -1.67 0.00	41.53 -2.16 0.00	38.44 -2.28 0.00	27.74 -1.98 3.17	36.00 -2.42 0.00	43.26 -2.80 0.00	42.14 -2.27 0.00	41.62 -3.23 0.00	43.66 -3.49 0.07	42.28 -3.87 0.00	44.59 -4.17 0.00	46.43 -3.78 -0.01	42.00 -3.59 -0.10	42.11 -3.53 1.95	46.97 -3.51 0.00	45.48 -2.38 0.00	48.74 -2.15 0.00	47.00 -2.80 0.00	39.80 -2.37 0.02	42.74 -1.83 0.00
HUNTLEY___68 23562	44.79 -1.66 0.00	42.35 -1.66 0.00	37.47 -1.95 0.00	36.46 -2.04 0.00	36.96 -1.67 0.00	41.53 -2.16 0.00	38.44 -2.28 0.00	27.74 -1.98 3.17	36.00 -2.42 0.00	43.26 -2.80 0.00	42.14 -2.27 0.00	41.62 -3.23 0.00	43.66 -3.49 0.07	42.28 -3.87 0.00	44.59 -4.17 0.00	46.43 -3.78 -0.01	42.00 -3.59 -0.10	42.11 -3.53 1.95	46.97 -3.51 0.00	45.48 -2.38 0.00	48.74 -2.15 0.00	47.00 -2.80 0.00	39.80 -2.37 0.02	42.74 -1.83 0.00

HYLAND___LFGE 323620	47.97 1.53 0.00	45.07 1.06 0.00	39.75 0.32 0.00	38.79 0.30 0.00	39.13 0.50 0.00	44.00 0.31 0.00	40.30 -0.42 0.00	44.95 -0.60 -12.67	38.25 -0.17 0.00	45.03 -1.04 0.00	43.75 -0.66 0.00	43.16 -1.69 0.00	45.23 -1.85 0.13	44.11 -2.04 0.00	46.27 -2.50 0.00	48.14 -2.07 -0.01	44.20 -1.41 -0.10	43.61 -0.11 3.87	50.83 0.35 0.00	48.53 0.67 0.00	51.52 0.63 0.00	49.76 -0.04 0.00	41.89 -0.26 0.04	45.35 0.78 0.00
INDECK___CORINTH 23802	48.00 1.55 0.00	45.07 1.06 0.00	40.47 1.05 0.00	39.63 1.14 0.00	39.75 1.12 0.00	44.79 1.11 0.00	41.95 1.23 0.00	33.95 1.07 0.00	39.61 1.19 0.00	47.18 1.12 0.00	45.28 0.86 0.00	45.86 1.01 0.00	48.36 1.15 0.00	47.65 1.50 0.00	50.93 2.16 0.00	52.43 2.21 -0.02	47.96 2.30 -0.16	51.24 2.60 -1.05	53.29 2.82 0.00	50.51 2.65 0.00	53.45 2.55 0.00	51.95 2.14 0.00	44.14 1.95 0.00	46.83 2.26 0.00
INDECK___ILION 23567	46.73 0.28 0.00	44.07 0.06 0.00	39.47 0.05 0.00	38.62 0.13 0.00	38.71 0.09 0.00	43.83 0.14 0.00	40.93 0.20 0.00	33.10 0.22 0.00	38.53 0.11 0.00	45.96 -0.10 0.00	44.28 -0.14 0.00	44.94 0.09 0.00	47.23 0.02 0.00	46.49 0.33 0.00	49.17 0.40 0.00	50.65 0.45 0.00	46.10 0.60 0.00	48.14 0.55 0.00	51.34 0.87 0.00	48.59 0.73 0.00	51.50 0.61 0.00	50.21 0.40 0.00	42.64 0.44 0.00	45.03 0.46 0.00
INDECK___OLEAN 23982	45.20 -1.24 0.00	42.66 -1.35 0.00	37.76 -1.66 0.00	37.26 -1.23 0.00	37.76 -0.86 0.00	42.61 -1.08 0.00	39.74 -0.98 0.00	31.36 -0.81 0.71	37.33 -1.09 0.00	44.74 -1.33 0.00	43.22 -1.20 0.00	42.44 -2.42 0.00	44.18 -2.94 0.10	42.69 -3.46 0.00	44.93 -3.84 0.00	46.53 -3.69 -0.01	41.94 -3.67 -0.12	41.11 -3.63 2.85	47.02 -3.45 0.00	45.19 -2.67 0.00	48.49 -2.41 0.00	46.76 -3.05 0.00	39.94 -2.22 0.03	42.81 -1.77 0.00
INDECK___OSWEGO 23783	45.35 -1.09 0.00	43.15 -0.87 0.00	38.57 -0.85 0.00	37.68 -0.81 0.00	37.83 -0.80 0.00	42.67 -1.01 0.00	39.65 -1.06 0.00	32.00 -0.88 0.00	37.39 -1.03 0.00	44.81 -1.26 0.00	43.27 -1.15 0.00	43.59 -1.26 0.00	45.62 -1.59 0.00	44.50 -1.65 0.00	47.08 -1.68 0.00	48.64 -1.56 0.00	44.02 -1.48 0.00	46.10 -1.49 0.00	49.01 -1.47 0.00	46.49 -1.38 0.00	49.35 -1.55 0.00	48.12 -1.69 0.00	40.95 -1.24 0.00	43.30 -1.27 0.00
INDECK___YERKES 23781	45.20 -1.24 0.00	42.74 -1.28 0.00	37.77 -1.65 0.00	36.73 -1.76 0.00	37.29 -1.34 0.00	41.92 -1.76 0.00	38.80 -1.92 0.00	28.08 -1.62 3.18	36.34 -2.08 0.00	43.69 -2.37 0.00	42.61 -1.81 0.00	42.09 -2.77 0.00	44.07 -3.08 0.07	42.69 -3.47 0.00	44.98 -3.79 0.00	46.78 -3.43 -0.01	42.26 -3.33 -0.10	42.43 -3.24 1.92	47.28 -3.20 0.00	45.78 -2.08 0.00	49.02 -1.88 0.00	47.31 -2.49 0.00	40.12 -2.05 0.02	43.09 -1.48 0.00
INDIAN POINT_GT_1 24139	47.96 1.51 0.00	45.16 1.15 0.00	40.51 1.09 0.00	39.69 1.20 0.00	39.78 1.16 0.00	45.17 1.48 0.00	42.51 1.79 0.00	34.56 1.68 0.00	40.41 1.99 0.00	48.46 2.40 0.00	46.99 2.57 0.00	47.82 2.97 0.00	50.17 2.95 0.00	49.56 3.41 0.00	52.59 3.83 0.00	54.54 4.07 -0.27	51.78 3.62 -2.67	59.67 3.60 -8.47	53.67 3.20 0.00	50.57 2.71 0.00	53.47 2.57 0.00	52.11 2.31 0.00	44.58 2.39 0.00	46.95 2.38 0.00
INDIAN POINT_GT_2 23659	47.96 1.51 0.00	45.16 1.15 0.00	40.51 1.09 0.00	39.69 1.20 0.00	39.78 1.16 0.00	45.17 1.48 0.00	42.51 1.79 0.00	34.56 1.68 0.00	40.41 1.99 0.00	48.46 2.40 0.00	46.99 2.57 0.00	47.82 2.97 0.00	50.17 2.95 0.00	49.56 3.41 0.00	52.59 3.83 0.00	54.54 4.07 -0.27	51.78 3.62 -2.67	59.67 3.60 -8.47	53.67 3.20 0.00	50.57 2.71 0.00	53.47 2.57 0.00	52.11 2.31 0.00	44.58 2.39 0.00	46.95 2.38 0.00
INDIAN POINT_GT_3 24019	47.96 1.51 0.00	45.16 1.15 0.00	40.51 1.09 0.00	39.69 1.20 0.00	39.78 1.16 0.00	45.17 1.48 0.00	42.51 1.79 0.00	34.56 1.68 0.00	40.41 1.99 0.00	48.46 2.40 0.00	46.99 2.57 0.00	47.82 2.97 0.00	50.17 2.95 0.00	49.56 3.41 0.00	52.59 3.83 0.00	54.54 4.07 -0.27	51.78 3.62 -2.67	59.67 3.60 -8.47	53.67 3.20 0.00	50.57 2.71 0.00	53.47 2.57 0.00	52.11 2.31 0.00	44.58 2.39 0.00	46.95 2.38 0.00
INDIAN POINT___2 23530	47.93 1.48 0.00	45.15 1.14 0.00	40.50 1.08 0.00	39.68 1.19 0.00	39.78 1.15 0.00	45.16 1.48 0.00	42.50 1.79 0.00	34.53 1.65 0.00	40.38 1.96 0.00	48.43 2.37 0.00	46.96 2.55 0.00	47.79 2.94 0.00	50.14 2.92 0.00	49.52 3.37 0.00	52.56 3.79 0.00	54.47 4.01 -0.26	51.67 3.55 -2.61	61.63 3.54 -10.51	53.60 3.13 0.00	50.49 2.62 0.00	53.42 2.52 0.00	52.05 2.25 0.00	44.53 2.34 0.00	46.89 2.32 0.00
INDIAN POINT___3 23531	47.93 1.48 0.00	45.13 1.12 0.00	40.49 1.07 0.00	39.67 1.18 0.00	39.75 1.13 0.00	45.14 1.45 0.00	42.47 1.75 0.00	34.53 1.65 0.00	40.37 1.95 0.00	48.40 2.33 0.00	46.93 2.51 0.00	47.75 2.89 0.00	50.09 2.87 0.00	49.48 3.33 0.00	52.52 3.75 0.00	54.42 3.96 -0.27	51.69 3.53 -2.67	59.74 3.51 -8.64	53.58 3.10 0.00	50.47 2.61 0.00	53.40 2.50 0.00	52.03 2.23 0.00	44.52 2.33 0.00	46.88 2.31 0.00
INGHAM_C_115KV_TB7 356103	46.85 0.40 0.00	43.95 -0.06 0.00	39.34 -0.08 0.00	38.57 0.08 0.00	38.67 0.05 0.00	43.83 0.14 0.00	40.98 0.26 0.00	33.16 0.28 0.00	38.36 -0.06 0.00	45.46 -0.61 0.00	43.69 -0.73 0.00	44.68 -0.17 0.00	46.93 -0.28 0.00	46.56 0.41 0.00	49.28 0.51 0.00	50.73 0.53 0.00	46.38 0.88 0.00	48.31 0.72 0.00	51.97 1.50 0.00	49.16 1.30 0.00	52.00 1.10 0.00	50.59 0.79 0.00	43.05 0.86 0.00	45.47 0.90 0.00
IP CORINTH___1 23988	48.23 1.79 0.00	45.30 1.29 0.00	40.67 1.25 0.00	39.82 1.33 0.00	39.95 1.32 0.00	45.01 1.33 0.00	42.15 1.43 0.00	34.13 1.25 0.00	39.81 1.40 0.00	47.43 1.37 0.00	45.53 1.12 0.00	46.12 1.26 0.00	48.61 1.40 0.00	47.92 1.76 0.00	51.19 2.43 0.00	52.70 2.48 -0.02	48.20 2.55 -0.16	51.50 2.87 -1.05	53.58 3.11 0.00	50.78 2.91 0.00	53.75 2.85 0.00	52.24 2.43 0.00	44.36 2.17 0.00	47.05 2.48 0.00
IP___TICONDEROGA 23804	52.63 6.18 0.00	48.31 4.29 0.00	43.20 3.78 0.00	42.31 3.82 0.00	42.54 3.92 0.00	48.47 4.79 0.00	45.52 4.80 0.00	37.23 4.34 0.00	44.02 5.61 0.00	51.95 5.88 0.00	48.62 4.21 0.00	48.92 4.07 0.00	51.21 4.00 0.00	50.27 4.12 0.00	54.61 5.85 0.00	55.93 5.71 -0.02	51.61 5.96 -0.16	55.18 6.55 -1.05	58.26 7.78 0.00	55.25 7.39 0.00	58.73 7.83 0.00	56.83 7.03 0.00	48.56 6.37 0.00	51.24 6.67 0.00
ISLIP_RES_REC 323679	48.11 1.67 0.00	45.42 1.41 0.00	40.76 1.34 0.00	39.87 1.38 0.00	39.92 1.30 0.00	45.06 1.38 0.00	42.35 1.63 0.00	34.50 1.62 0.00	40.24 1.82 0.00	48.42 2.36 0.00	47.10 2.69 0.00	48.03 3.17 0.00	49.92 2.99 0.29	49.12 3.45 0.48	50.43 3.77 2.10	46.69 4.16 7.67	52.15 3.95 -2.70	59.46 4.03 -7.84	53.87 3.40 0.00	50.71 2.85 0.00	53.81 2.91 0.00	50.72 2.34 1.42	29.81 2.39 14.77	38.59 2.15 8.13

JAMAICA__27_KV_LOAD 355505	48.03 1.59 0.00	45.19 1.18 0.01	40.53 1.12 0.00	39.70 1.21 0.00	39.77 1.14 0.00	45.21 1.52 0.00	42.66 1.94 0.00	34.74 1.86 0.00	40.71 2.29 0.00	48.86 2.80 0.00	47.50 3.08 0.00	48.38 3.53 0.00	50.94 3.52 -0.21	50.36 4.06 -0.14	53.34 4.58 0.00	55.33 4.86 -0.27	52.41 4.21 -2.70	59.71 4.25 -7.87	54.26 3.78 0.00	51.03 3.17 0.00	53.84 2.94 0.00	52.49 2.69 0.00	44.99 2.79 0.00	47.27 2.70 0.00
JANIS__SOLAR 323808	48.43 1.99 0.00	45.74 1.73 0.00	40.55 1.13 0.00	39.69 1.20 0.00	39.96 1.33 0.00	45.10 1.42 0.00	42.05 1.33 0.00	34.75 0.99 -0.88	39.25 0.83 0.00	46.72 0.66 0.00	44.99 0.56 0.00	45.20 0.34 0.00	47.72 0.31 -0.19	46.61 0.46 0.00	49.34 0.57 0.00	50.99 0.77 -0.02	46.38 0.71 -0.17	53.10 0.83 -4.68	52.13 1.65 0.00	50.14 2.28 0.00	53.35 2.45 0.00	51.96 2.16 0.00	43.47 1.22 -0.06	45.81 1.24 0.00
JARVIS____ 23743	46.47 0.03 0.00	43.99 -0.02 0.00	39.42 0.00 0.00	38.53 0.04 0.00	38.62 0.00 0.00	43.68 0.00 0.00	40.76 0.04 0.00	32.92 0.04 0.00	38.49 0.07 0.00	46.11 0.05 0.00	44.46 0.04 0.00	44.94 0.08 0.00	47.27 0.06 0.00	46.30 0.15 0.00	48.98 0.21 0.00	50.46 0.26 0.00	45.75 0.25 0.00	47.82 0.23 0.00	50.70 0.22 0.00	48.02 0.16 0.00	51.00 0.10 0.00	49.81 0.01 0.00	42.29 0.10 0.00	44.66 0.09 0.00
JENNISON____1 23625	48.46 2.02 0.00	45.67 1.66 0.00	40.38 0.96 0.00	39.61 1.12 0.00	39.93 1.31 0.00	44.98 1.30 0.00	42.00 1.28 0.00	34.09 1.21 0.00	39.77 1.35 0.00	47.17 1.11 0.00	45.41 0.99 0.00	45.46 0.61 0.00	47.78 0.53 -0.04	46.97 0.81 0.00	49.61 0.84 0.00	51.39 1.17 -0.02	46.88 1.16 -0.23	48.36 0.84 0.08	51.85 1.38 0.00	49.73 1.87 0.00	52.73 1.83 0.00	51.61 1.81 0.00	43.12 0.92 -0.01	46.02 1.45 0.00
JENNISON____2 23626	48.46 2.02 0.00	45.67 1.66 0.00	40.38 0.96 0.00	39.61 1.12 0.00	39.93 1.31 0.00	44.98 1.30 0.00	42.00 1.28 0.00	34.09 1.21 0.00	39.77 1.35 0.00	47.17 1.11 0.00	45.41 0.99 0.00	45.46 0.61 0.00	47.78 0.53 -0.04	46.97 0.81 0.00	49.61 0.84 0.00	51.39 1.17 -0.02	46.88 1.16 -0.23	48.36 0.84 0.08	51.85 1.38 0.00	49.73 1.87 0.00	52.73 1.83 0.00	51.61 1.81 0.00	43.12 0.92 -0.01	46.02 1.45 0.00
JERICOHO_RISE_WT_PWR 323719	47.41 0.97 0.00	44.93 0.92 0.00	40.26 0.84 0.00	39.18 0.68 0.00	39.35 0.73 0.00	44.55 0.86 0.00	41.54 0.82 0.00	33.35 0.47 0.00	39.03 0.61 0.00	46.84 0.77 0.00	45.00 0.58 0.00	45.33 0.47 0.00	47.58 0.36 0.00	46.06 -0.09 0.00	48.53 -0.23 0.00	49.61 -0.59 0.00	45.13 -0.37 0.00	47.41 -0.18 0.00	50.62 0.14 0.00	48.27 0.41 0.00	51.61 0.72 0.00	50.68 0.87 0.00	42.37 0.17 0.00	44.70 0.12 0.00
KATONAH__115KV_46KV_TB4 355592	48.16 1.71 0.00	45.32 1.31 0.00	40.66 1.24 0.00	39.82 1.33 0.00	39.90 1.28 0.00	45.31 1.63 0.00	42.64 1.92 0.00	34.68 1.80 0.00	40.61 2.19 0.00	48.73 2.66 0.00	47.27 2.85 0.00	48.13 3.28 0.00	50.51 3.30 0.00	49.92 3.77 0.00	53.00 4.24 0.00	55.00 4.53 -0.27	52.27 4.03 -2.74	57.64 4.01 -6.04	54.18 3.70 0.00	51.04 3.18 0.00	53.92 3.02 0.00	52.51 2.70 0.00	44.86 2.67 0.00	47.22 2.65 0.00
KCE_NY_1 323755	48.27 1.83 0.00	45.49 1.48 0.00	40.87 1.45 0.00	39.93 1.44 0.00	40.06 1.44 0.00	45.38 1.70 0.00	42.36 1.64 0.00	34.26 1.38 0.00	40.04 1.62 0.00	47.69 1.63 0.00	45.95 1.54 0.00	46.55 1.70 0.00	49.01 1.79 0.00	48.31 2.15 0.00	51.43 2.66 0.00	52.97 2.75 -0.02	48.29 2.62 -0.18	51.61 2.95 -1.08	53.65 3.17 0.00	50.76 2.90 0.00	53.77 2.88 0.00	52.30 2.50 0.00	44.44 2.25 0.00	47.01 2.44 0.00
KCE_NY_6_ESR 323823	45.28 -1.17 0.00	42.68 -1.34 0.00	37.70 -1.72 0.00	36.69 -1.80 0.00	37.17 -1.46 0.00	41.84 -1.84 0.00	38.77 -1.95 0.00	27.49 -1.65 3.74	36.27 -2.15 0.00	43.62 -2.44 0.00	42.47 -1.95 0.00	41.98 -2.88 0.00	44.03 -3.12 0.07	42.67 -3.48 0.00	45.01 -3.75 0.00	46.85 -3.36 -0.01	42.37 -3.23 -0.10	42.26 -3.20 2.13	47.34 -3.14 0.00	45.74 -2.12 0.00	48.98 -1.92 0.00	47.25 -2.55 0.00	40.00 -2.17 0.02	42.91 -1.66 0.00
KEDC PORT_JEFF_GT2 24210	47.83 1.39 0.00	45.18 1.16 0.00	40.56 1.14 0.00	39.68 1.19 0.00	39.73 1.10 0.00	44.85 1.16 0.00	42.12 1.40 0.00	34.30 1.42 0.00	39.97 1.55 0.00	48.07 2.00 0.00	46.67 2.26 0.00	47.63 2.77 0.00	49.47 2.55 0.29	48.63 2.98 0.51	49.43 2.99 2.32	44.90 3.27 8.57	51.35 3.15 -2.70	58.62 3.19 -7.84	52.96 2.49 0.00	49.81 1.95 0.00	52.90 2.00 0.00	50.10 1.72 1.43	29.22 1.93 14.90	38.15 1.78 8.20
KEDC PORT_JEFF_GT3 24211	47.83 1.39 0.00	45.18 1.16 0.00	40.56 1.14 0.00	39.68 1.19 0.00	39.73 1.10 0.00	44.85 1.16 0.00	42.12 1.40 0.00	34.30 1.42 0.00	39.97 1.55 0.00	48.07 2.00 0.00	46.67 2.26 0.00	47.63 2.77 0.00	49.47 2.55 0.29	48.63 2.98 0.51	49.43 2.99 2.32	44.90 3.27 8.57	51.35 3.15 -2.70	58.62 3.19 -7.84	52.96 2.49 0.00	49.81 1.95 0.00	52.90 2.00 0.00	50.10 1.72 1.43	29.22 1.93 14.90	38.15 1.78 8.20
KEDC_GLWD_GT4 24219	48.32 1.88 0.00	45.54 1.53 0.00	40.85 1.43 0.00	40.00 1.51 0.00	40.07 1.45 0.00	45.43 1.75 0.00	42.74 2.02 0.00	34.79 1.91 0.00	40.70 2.28 0.00	48.94 2.87 0.00	47.50 3.08 0.00	48.37 3.52 0.00	50.40 3.18 0.00	49.76 3.65 0.04	52.85 4.14 0.05	54.87 4.40 -0.27	52.19 3.99 -2.70	59.43 4.00 -7.84	53.92 3.45 0.00	50.74 2.88 0.00	53.66 2.76 0.00	51.72 2.35 0.44	40.04 2.43 4.59	44.74 2.69 2.52
KEDC_GLWD_GT5 24220	48.32 1.88 0.00	45.54 1.53 0.00	40.85 1.43 0.00	40.00 1.51 0.00	40.07 1.45 0.00	45.43 1.75 0.00	42.74 2.02 0.00	34.79 1.91 0.00	40.70 2.28 0.00	48.94 2.87 0.00	47.50 3.08 0.00	48.37 3.52 0.00	50.40 3.18 0.00	49.76 3.65 0.04	52.85 4.14 0.05	54.87 4.40 -0.27	52.19 3.99 -2.70	59.43 4.00 -7.84	53.92 3.45 0.00	50.74 2.88 0.00	53.66 2.76 0.00	51.72 2.35 0.44	40.04 2.43 4.59	44.74 2.69 2.52
KENSICO____ 23655	48.04 1.60 0.00	45.23 1.22 0.00	40.58 1.16 0.00	39.76 1.26 0.00	39.85 1.22 0.00	45.24 1.56 0.00	42.59 1.87 0.00	34.63 1.75 0.00	40.52 2.11 0.00	48.60 2.54 0.00	47.13 2.71 0.00	47.97 3.12 0.00	50.31 3.10 0.00	49.70 3.55 0.00	52.76 4.00 0.00	54.70 4.23 -0.27	51.96 3.76 -2.70	59.45 3.75 -8.11	53.82 3.35 0.00	50.68 2.82 0.00	53.59 2.69 0.00	52.23 2.43 0.00	44.69 2.50 0.00	47.06 2.49 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	48.25 1.80 0.00	45.41 1.40 0.00	40.70 1.28 0.00	39.88 1.39 0.00	39.94 1.32 0.00	45.34 1.66 0.00	42.64 1.92 0.00	34.67 1.79 0.00	40.54 2.12 0.00	48.58 2.52 0.00	47.04 2.62 0.00	47.83 2.98 0.00	50.35 3.13 0.00	49.86 3.71 0.00	53.03 4.26 0.00	54.79 4.37 -0.22	51.76 4.06 -2.20	47.93 4.12 3.77	54.57 4.09 0.00	51.41 3.54 0.00	54.38 3.48 0.00	52.91 3.11 0.00	45.08 2.89 0.00	47.40 2.83 0.00

KIAC_JFK_GT1 23816	47.58 1.14 0.00	44.76 0.75 0.01	40.16 0.74 0.00	39.35 0.86 0.00	39.40 0.77 0.00	44.80 1.12 0.00	42.26 1.54 0.00	34.42 1.54 0.00	40.33 1.91 0.00	48.43 2.37 0.00	47.07 2.65 0.00	47.95 3.09 0.00	50.48 3.05 -0.21	49.92 3.62 -0.14	52.87 4.10 0.00	54.82 4.35 -0.27	51.95 3.75 -2.70	59.19 3.73 -7.87	53.70 3.23 0.00	50.50 2.64 0.00	53.27 2.38 0.00	51.94 2.14 0.00	44.54 2.35 0.00	46.81 2.24 0.00
KIAC_JFK_GT2 23817	47.58 1.14 0.00	44.76 0.75 0.01	40.16 0.74 0.00	39.35 0.86 0.00	39.40 0.77 0.00	44.80 1.12 0.00	42.26 1.54 0.00	34.42 1.54 0.00	40.33 1.91 0.00	48.43 2.37 0.00	47.07 2.65 0.00	47.95 3.09 0.00	50.48 3.05 -0.21	49.92 3.62 -0.14	52.87 4.10 0.00	54.82 4.35 -0.27	51.95 3.75 -2.70	59.19 3.73 -7.87	53.70 3.23 0.00	50.50 2.64 0.00	53.27 2.38 0.00	51.94 2.14 0.00	44.54 2.35 0.00	46.81 2.24 0.00
KIAC_JFK____ 323774	47.58 1.14 0.00	44.76 0.75 0.01	40.16 0.75 0.00	39.35 0.86 0.00	39.40 0.78 0.00	44.80 1.12 0.00	42.26 1.54 0.00	34.41 1.53 0.00	40.33 1.91 0.00	48.43 2.37 0.00	47.07 2.65 0.00	47.95 3.09 0.00	50.48 3.05 -0.21	49.91 3.62 -0.14	52.86 4.10 0.00	54.82 4.35 -0.27	51.94 3.74 -2.70	59.19 3.73 -7.87	53.70 3.22 0.00	50.50 2.64 0.00	53.28 2.38 0.00	51.95 2.15 0.00	44.54 2.34 0.00	46.80 2.24 0.00
KINTIGH__24_KV_GSU 356498	45.03 -1.41 0.00	42.67 -1.35 0.00	37.85 -1.57 0.00	36.88 -1.61 0.00	37.35 -1.27 0.00	41.99 -1.69 0.00	38.90 -1.82 0.00	29.46 -1.52 1.90	36.54 -1.88 0.00	43.87 -2.19 0.00	42.68 -1.74 0.00	42.26 -2.59 0.00	44.35 -2.82 0.05	43.00 -3.16 0.00	45.39 -3.38 0.00	47.20 -3.01 -0.01	42.72 -2.87 -0.09	43.25 -2.82 1.51	47.73 -2.74 0.00	46.06 -1.80 0.00	49.31 -1.59 0.00	47.62 -2.18 0.00	40.32 -1.85 0.02	43.15 -1.43 0.00
KINTIGH____ 23543	45.00 -1.44 0.00	42.65 -1.36 0.00	37.83 -1.59 0.00	36.86 -1.63 0.00	37.32 -1.31 0.00	41.97 -1.72 0.00	38.88 -1.84 0.00	29.39 -1.59 1.90	36.50 -1.92 0.00	43.84 -2.23 0.00	42.66 -1.76 0.00	42.25 -2.61 0.00	44.32 -2.84 0.05	42.98 -3.17 0.00	45.37 -3.40 0.00	47.17 -3.04 -0.01	42.70 -2.89 -0.09	43.24 -2.83 1.51	47.70 -2.77 0.00	46.06 -1.80 0.00	49.29 -1.61 0.00	47.60 -2.20 0.00	40.29 -1.89 0.02	43.13 -1.44 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.17 1.72 0.00	45.58 1.57 0.00	40.90 1.47 0.00	39.83 1.34 0.00	40.00 1.38 0.00	45.24 1.56 0.00	42.21 1.49 0.00	33.90 1.02 0.00	39.69 1.27 0.00	47.50 1.44 0.00	45.60 1.19 0.00	46.00 1.15 0.00	48.23 1.02 0.00	46.81 0.65 0.00	49.46 0.70 0.00	50.27 0.07 0.00	45.86 0.36 0.00	48.26 0.67 0.00	51.62 1.14 0.00	49.20 1.33 0.00	52.61 1.71 0.00	51.63 1.83 0.00	43.11 0.91 0.00	45.50 0.93 0.00
LACHUTE____HYDRO 323717	52.62 6.18 0.00	48.30 4.29 0.00	43.20 3.78 0.00	42.31 3.82 0.00	42.55 3.92 0.00	48.47 4.79 0.00	45.52 4.80 0.00	37.23 4.34 0.00	44.02 5.60 0.00	51.95 5.88 0.00	48.62 4.21 0.00	48.92 4.07 0.00	51.21 4.00 0.00	50.27 4.12 0.00	54.62 5.85 0.00	55.93 5.72 -0.02	51.61 5.95 -0.16	55.18 6.55 -1.05	58.26 7.78 0.00	55.25 7.39 0.00	58.72 7.82 0.00	56.83 7.03 0.00	48.56 6.36 0.00	51.24 6.67 0.00
LAWRNCV_115KV_TB1 80681	48.06 1.62 0.00	45.60 1.59 0.00	40.68 1.27 0.00	39.54 1.05 0.00	39.70 1.08 0.00	45.04 1.35 0.00	41.96 1.24 0.00	33.79 0.91 0.00	39.48 1.06 0.00	47.39 1.33 0.00	45.45 1.03 0.00	45.57 0.72 0.00	47.99 0.77 0.00	46.39 0.24 0.00	48.81 0.05 0.00	50.09 -0.11 0.00	45.61 0.11 0.00	47.44 -0.14 0.00	50.56 0.09 0.00	48.11 0.25 0.00	51.50 0.60 0.00	50.62 0.82 0.00	42.64 0.45 0.00	45.14 0.57 0.00
LEDERLE____ 23769	48.23 1.78 0.00	45.44 1.43 0.00	40.73 1.31 0.00	39.91 1.42 0.00	40.01 1.38 0.00	45.43 1.74 0.00	42.75 2.03 0.00	34.75 1.87 0.00	40.64 2.22 0.00	48.74 2.67 0.00	47.28 2.86 0.00	48.14 3.28 0.00	50.55 3.34 0.00	49.91 3.75 0.00	52.97 4.21 0.00	54.90 4.45 -0.26	51.99 3.92 -2.57	37.65 3.93 13.86	54.00 3.53 0.00	50.86 2.99 0.00	53.81 2.91 0.00	52.40 2.60 0.00	44.81 2.61 0.00	47.14 2.57 0.00
LIGHTHSE_115KV_TB6 355974	46.70 0.25 0.00	44.34 0.33 0.00	39.59 0.18 0.00	38.60 0.11 0.00	38.70 0.08 0.00	43.60 -0.08 0.00	40.53 -0.19 0.00	32.65 -0.23 0.00	38.19 -0.23 0.00	45.81 -0.25 0.00	44.01 -0.41 0.00	44.23 -0.63 0.00	46.36 -0.86 0.00	45.05 -1.11 0.00	47.88 -0.89 0.00	49.59 -0.61 0.00	44.80 -0.70 0.00	47.10 -0.48 0.00	50.19 -0.28 0.00	47.53 -0.33 0.00	50.45 -0.45 0.00	49.14 -0.66 0.00	41.64 -0.55 0.00	43.80 -0.77 0.00
LINDEN COGEN____ 23786	47.80 1.36 0.00	45.01 1.00 0.00	40.38 0.96 0.00	39.59 1.10 0.00	39.68 1.05 0.00	45.10 1.42 0.00	42.52 1.80 0.00	34.60 1.72 0.00	40.54 2.12 0.00	48.65 2.58 0.00	47.21 2.79 0.00	48.05 3.19 0.00	50.33 3.11 0.00	49.77 3.61 0.00	51.76 4.06 1.07	54.50 4.26 -0.04	51.96 3.76 -2.70	52.38 3.73 -1.06	52.49 3.23 1.22	50.52 2.66 0.00	53.37 2.48 0.00	52.09 2.29 0.00	44.66 2.47 0.00	47.01 2.44 0.00
LINDHRST_69_KV_BK1 356055	48.35 1.91 0.00	45.63 1.62 0.00	40.95 1.53 0.00	40.07 1.58 0.00	40.12 1.49 0.00	45.36 1.67 0.00	42.65 1.93 0.00	34.71 1.83 0.00	40.48 2.07 0.00	48.74 2.68 0.00	47.28 2.87 0.00	48.14 3.29 0.00	50.09 3.10 0.23	49.36 3.54 0.33	51.51 3.96 1.22	50.42 4.39 4.17	52.31 4.12 -2.70	59.61 4.18 -7.84	53.99 3.52 0.00	50.86 3.00 0.00	53.96 3.06 0.00	51.19 2.61 1.22	32.04 2.57 12.72	40.09 2.52 7.00
LIPA_MISC_IPP 23656	47.54 1.10 0.00	44.91 0.90 0.00	40.31 0.89 0.00	39.41 0.92 0.00	39.46 0.83 0.00	44.53 0.85 0.00	41.81 1.09 0.00	34.08 1.19 0.00	39.69 1.27 0.00	47.70 1.64 0.00	46.31 1.89 0.00	47.26 2.41 0.00	49.05 2.13 0.29	48.25 2.56 0.46	49.84 2.84 1.77	47.11 3.23 6.32	51.33 3.13 -2.70	58.64 3.21 -7.84	53.04 2.57 0.00	49.89 2.03 0.00	53.14 2.24 0.00	50.08 1.71 1.44	29.13 1.90 14.97	37.85 1.51 8.23
LISF____SOLAR 323691	47.62 1.18 0.00	44.96 0.95 0.00	40.37 0.95 0.00	39.46 0.97 0.00	39.51 0.89 0.00	44.59 0.91 0.00	41.86 1.14 0.00	34.12 1.24 0.00	39.74 1.31 0.00	47.76 1.69 0.00	46.35 1.93 0.00	47.28 2.43 0.00	49.08 2.15 0.29	48.29 2.60 0.47	49.81 2.90 1.85	46.85 3.29 6.64	51.42 3.22 -2.70	58.74 3.31 -7.84	53.18 2.71 0.00	50.04 2.18 0.00	53.30 2.40 0.00	50.21 1.84 1.43	29.23 1.98 14.94	37.95 1.60 8.22
LITTLE FALLS____HYD 24013	46.85 0.40 0.00	43.95 -0.06 0.00	39.34 -0.08 0.00	38.57 0.08 0.00	38.67 0.05 0.00	43.83 0.14 0.00	40.98 0.26 0.00	33.16 0.28 0.00	38.36 -0.06 0.00	45.46 -0.61 0.00	43.69 -0.73 0.00	44.68 -0.17 0.00	46.93 -0.28 0.00	46.56 0.41 0.00	49.28 0.51 0.00	50.73 0.53 0.00	46.38 0.88 0.00	48.31 0.72 0.00	51.97 1.50 0.00	49.16 1.30 0.00	52.00 1.10 0.00	50.59 0.79 0.00	43.05 0.86 0.00	45.47 0.90 0.00

LITTLRIV_115KV_TB1 356100	48.84 2.40 0.00	46.33 2.32 0.00	41.32 1.90 0.00	40.13 1.64 0.00	40.29 1.67 0.00	45.74 2.06 0.00	42.61 1.89 0.00	34.32 1.44 0.00	40.06 1.64 0.00	48.08 2.02 0.00	46.01 1.59 0.00	46.04 1.18 0.00	48.45 1.24 0.00	46.70 0.54 0.00	49.21 0.44 0.00	50.43 0.23 0.00	46.18 0.69 0.00	47.77 0.19 0.00	51.12 0.65 0.00	48.79 0.92 0.00	52.45 1.55 0.00	51.59 1.79 0.00	43.35 1.16 0.00	45.85 1.28 0.00
LI_NEWBRDGE___DRP 323616	47.74 1.29 0.00	45.07 1.06 0.00	40.45 1.03 0.00	39.60 1.11 0.00	39.65 1.03 0.00	44.87 1.19 0.00	42.19 1.47 0.00	34.32 1.44 0.00	40.05 1.63 0.00	48.15 2.09 0.00	46.71 2.29 0.00	47.56 2.70 0.00	49.37 2.51 0.36	48.73 2.95 0.38	51.97 3.37 0.17	54.14 3.68 -0.27	51.60 3.40 -2.70	58.86 3.44 -7.84	53.25 2.78 0.00	50.11 2.25 0.00	53.06 2.16 0.00	50.03 1.78 1.55	27.94 1.95 16.20	37.59 1.93 8.91
LOCKPORT_115KV_TB60_63_64 80432	44.91 -1.53 0.00	42.48 -1.53 0.00	37.60 -1.82 0.00	36.57 -1.92 0.00	37.06 -1.56 0.00	41.62 -2.07 0.00	38.49 -2.23 0.00	28.08 -1.91 2.89	35.91 -2.51 0.00	43.19 -2.87 0.00	42.12 -2.30 0.00	41.54 -3.32 0.00	43.64 -3.52 0.06	42.25 -3.91 0.00	44.48 -4.28 0.00	46.38 -3.83 -0.01	41.98 -3.62 -0.09	42.33 -3.47 1.80	47.11 -3.36 0.00	45.67 -2.19 0.00	48.93 -1.97 0.00	47.19 -2.62 0.00	39.96 -2.22 0.02	42.88 -1.70 0.00
LOCKPORT___CC1 323769	44.85 -1.59 0.00	42.43 -1.58 0.00	37.53 -1.89 0.00	36.52 -1.97 0.00	37.01 -1.62 0.00	41.56 -2.13 0.00	38.44 -2.27 0.00	27.77 -1.91 3.20	35.89 -2.53 0.00	43.17 -2.90 0.00	42.07 -2.35 0.00	41.50 -3.35 0.00	43.55 -3.60 0.06	42.19 -3.96 0.00	44.43 -4.33 0.00	46.32 -3.88 -0.01	41.93 -3.66 -0.10	42.21 -3.55 1.83	47.02 -3.46 0.00	45.55 -2.31 0.00	48.81 -2.08 0.00	47.09 -2.71 0.00	39.88 -2.30 0.02	42.80 -1.77 0.00
LOCKPORT___CC2 323770	44.85 -1.59 0.00	42.43 -1.58 0.00	37.53 -1.89 0.00	36.52 -1.97 0.00	37.01 -1.62 0.00	41.56 -2.13 0.00	38.44 -2.27 0.00	27.77 -1.91 3.20	35.89 -2.53 0.00	43.17 -2.90 0.00	42.07 -2.35 0.00	41.50 -3.35 0.00	43.55 -3.60 0.06	42.19 -3.96 0.00	44.43 -4.33 0.00	46.32 -3.88 -0.01	41.93 -3.66 -0.10	42.21 -3.55 1.83	47.02 -3.46 0.00	45.55 -2.31 0.00	48.81 -2.08 0.00	47.09 -2.71 0.00	39.88 -2.30 0.02	42.80 -1.77 0.00
LOCKPORT___CC3 323771	44.85 -1.59 0.00	42.43 -1.58 0.00	37.53 -1.89 0.00	36.52 -1.97 0.00	37.01 -1.62 0.00	41.56 -2.13 0.00	38.44 -2.27 0.00	27.77 -1.91 3.20	35.89 -2.53 0.00	43.17 -2.90 0.00	42.07 -2.35 0.00	41.50 -3.35 0.00	43.55 -3.60 0.06	42.19 -3.96 0.00	44.43 -4.33 0.00	46.32 -3.88 -0.01	41.93 -3.66 -0.10	42.21 -3.55 1.83	47.02 -3.46 0.00	45.55 -2.31 0.00	48.81 -2.08 0.00	47.09 -2.71 0.00	39.88 -2.30 0.02	42.80 -1.77 0.00
LOCUSVLY_69_KV_BK2 55797	48.34 1.90 0.00	45.60 1.59 0.00	40.91 1.49 0.00	40.04 1.55 0.00	40.10 1.48 0.00	45.42 1.73 0.00	42.71 1.99 0.00	34.77 1.89 0.00	40.63 2.22 0.00	48.91 2.85 0.00	47.48 3.07 0.00	48.43 3.57 0.00	50.50 3.39 0.11	49.86 3.84 0.13	53.04 4.36 0.08	55.12 4.66 -0.27	52.45 4.25 -2.70	59.68 4.25 -7.84	53.91 3.44 0.00	50.74 2.88 0.00	53.66 2.76 0.00	51.47 2.36 0.70	37.33 2.43 7.29	43.09 2.53 4.01
LONG_LAKE_PHOENIX 24014	45.39 -1.05 0.00	43.16 -0.85 0.00	38.57 -0.85 0.00	37.69 -0.81 0.00	37.85 -0.77 0.00	42.73 -0.95 0.00	39.73 -0.99 0.00	32.08 -0.80 0.00	37.48 -0.94 0.00	44.95 -1.11 0.00	43.43 -0.98 0.00	43.83 -1.02 0.00	46.07 -1.15 0.00	45.05 -1.10 0.00	47.68 -1.09 0.00	49.19 -1.01 0.00	44.49 -1.00 0.00	46.59 -1.00 0.00	49.62 -0.86 0.00	47.08 -0.79 0.00	49.94 -0.96 0.00	48.63 -1.18 0.00	41.18 -1.01 0.00	43.44 -1.13 0.00
LOVETT___3 23632	47.91 1.46 0.00	45.13 1.12 0.00	40.48 1.06 0.00	39.66 1.18 0.00	39.75 1.12 0.00	45.13 1.45 0.00	42.47 1.75 0.00	34.51 1.63 0.00	40.34 1.92 0.00	48.35 2.28 0.00	46.88 2.46 0.00	47.71 2.85 0.00	50.06 2.84 0.00	49.44 3.28 0.00	52.46 3.69 0.00	54.37 3.91 -0.26	51.56 3.46 -2.60	36.69 3.45 14.35	53.51 3.03 0.00	50.39 2.52 0.00	53.32 2.42 0.00	51.95 2.15 0.00	44.45 2.26 0.00	46.81 2.24 0.00
LOVETT___4 23642	47.91 1.46 0.00	45.13 1.12 0.00	40.48 1.06 0.00	39.66 1.18 0.00	39.75 1.12 0.00	45.13 1.45 0.00	42.47 1.75 0.00	34.51 1.63 0.00	40.34 1.92 0.00	48.35 2.28 0.00	46.88 2.46 0.00	47.71 2.85 0.00	50.06 2.84 0.00	49.44 3.28 0.00	52.46 3.69 0.00	54.37 3.91 -0.26	51.56 3.46 -2.60	36.69 3.45 14.35	53.51 3.03 0.00	50.39 2.52 0.00	53.32 2.42 0.00	51.95 2.15 0.00	44.45 2.26 0.00	46.81 2.24 0.00
LOVETT___5 23593	47.91 1.46 0.00	45.13 1.12 0.00	40.48 1.06 0.00	39.66 1.18 0.00	39.75 1.12 0.00	45.13 1.45 0.00	42.47 1.75 0.00	34.51 1.63 0.00	40.34 1.92 0.00	48.35 2.28 0.00	46.88 2.46 0.00	47.71 2.85 0.00	50.06 2.84 0.00	49.44 3.28 0.00	52.46 3.69 0.00	54.37 3.91 -0.26	51.56 3.46 -2.60	36.69 3.45 14.35	53.51 3.03 0.00	50.39 2.52 0.00	53.32 2.42 0.00	51.95 2.15 0.00	44.45 2.26 0.00	46.81 2.24 0.00
LOWER RAQUET___HYD 24057	48.20 1.76 0.00	45.72 1.71 0.00	40.79 1.37 0.00	39.64 1.15 0.00	39.79 1.16 0.00	45.13 1.45 0.00	42.03 1.32 0.00	33.85 0.98 0.00	39.55 1.14 0.00	47.47 1.41 0.00	45.50 1.08 0.00	45.61 0.75 0.00	48.01 0.79 0.00	46.36 0.21 0.00	48.80 0.03 0.00	50.05 -0.15 0.00	45.60 0.10 0.00	47.39 -0.20 0.00	50.52 0.05 0.00	48.08 0.22 0.00	51.48 0.59 0.00	50.62 0.82 0.00	42.67 0.48 0.00	45.15 0.57 0.00
LOWER___HUDSON 24059	47.55 1.11 0.00	44.74 0.73 0.00	40.25 0.83 0.00	39.35 0.86 0.00	39.44 0.81 0.00	44.67 0.99 0.00	41.76 1.04 0.00	33.81 0.93 0.00	39.50 1.08 0.00	47.14 1.08 0.00	45.40 0.98 0.00	45.93 1.08 0.00	48.33 1.11 0.00	47.58 1.43 0.00	50.58 1.82 0.00	52.15 1.93 -0.03	47.56 1.79 -0.27	50.87 2.05 -1.23	52.55 2.08 0.00	49.81 1.95 0.00	52.68 1.78 0.00	51.39 1.59 0.00	43.77 1.57 0.00	46.26 1.69 0.00
LOWVILLE_115KV_TB2 356335	48.76 2.32 0.00	46.17 2.16 0.00	41.19 1.77 0.00	40.06 1.57 0.00	40.01 1.38 0.00	45.12 1.44 0.00	41.94 1.22 0.00	33.69 0.81 0.00	39.45 1.03 0.00	47.29 1.22 0.00	44.99 0.57 0.00	44.88 0.02 0.00	46.94 -0.27 0.00	45.31 -0.84 0.00	48.08 -0.69 0.00	50.11 -0.09 0.00	45.49 0.00 0.00	47.74 0.16 0.00	51.02 0.55 0.00	48.30 0.44 0.00	51.27 0.37 0.00	49.82 0.02 0.00	42.11 -0.08 0.00	44.18 -0.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.24 1.80 0.00	45.44 1.43 0.00	40.81 1.39 0.00	39.91 1.42 0.00	40.03 1.40 0.00	45.29 1.61 0.00	42.32 1.60 0.00	34.24 1.36 0.00	39.97 1.55 0.00	47.67 1.61 0.00	45.91 1.49 0.00	46.48 1.62 0.00	48.96 1.75 0.00	48.23 2.07 0.00	51.33 2.57 0.00	52.90 2.68 -0.02	48.24 2.57 -0.18	51.52 2.85 -1.08	53.51 3.04 0.00	50.73 2.86 0.00	53.71 2.81 0.00	52.27 2.47 0.00	44.42 2.23 0.00	46.94 2.37 0.00

LUTHERNY_35_KV_BK2 355980	48.27 1.83 0.00	45.49 1.48 0.00	40.87 1.45 0.00	39.93 1.44 0.00	40.06 1.44 0.00	45.38 1.70 0.00	42.36 1.64 0.00	34.27 1.39 0.00	40.04 1.62 0.00	47.69 1.63 0.00	45.95 1.54 0.00	46.56 1.70 0.00	49.01 1.79 0.00	48.31 2.15 0.00	51.43 2.66 0.00	52.97 2.75 -0.02	48.29 2.62 -0.18	51.61 2.94 -1.08	53.64 3.17 0.00	50.76 2.90 0.00	53.78 2.88 0.00	52.30 2.50 0.00	44.45 2.25 0.00	47.01 2.44 0.00
LWR___OSWEGATCHIE_HYD 23850	48.45 2.01 0.00	45.93 1.92 0.00	40.97 1.54 0.00	39.81 1.32 0.00	39.87 1.25 0.00	45.09 1.41 0.00	41.96 1.24 0.00	33.76 0.88 0.00	39.46 1.05 0.00	47.32 1.26 0.00	45.15 0.73 0.00	45.18 0.32 0.00	47.40 0.18 0.00	45.70 -0.46 0.00	48.35 -0.42 0.00	49.98 -0.22 0.00	45.40 -0.10 0.00	47.49 -0.09 0.00	50.72 0.25 0.00	48.14 0.27 0.00	51.33 0.43 0.00	50.23 0.42 0.00	42.41 0.22 0.00	44.63 0.06 0.00
LYONS_FALL_HYD 23570	48.29 1.85 0.00	45.73 1.72 0.00	40.83 1.40 0.00	39.77 1.27 0.00	39.79 1.17 0.00	44.94 1.25 0.00	41.80 1.08 0.00	33.65 0.77 0.00	39.38 0.96 0.00	47.20 1.14 0.00	45.16 0.74 0.00	45.27 0.42 0.00	47.48 0.26 0.00	46.11 -0.04 0.00	48.84 0.07 0.00	50.67 0.47 0.00	46.04 0.54 0.00	48.24 0.65 0.00	51.43 0.95 0.00	48.79 0.93 0.00	51.77 0.87 0.00	50.34 0.54 0.00	42.55 0.36 0.00	44.72 0.15 0.00
MADISON___COUNTY_LFGE 323628	47.90 1.46 0.00	45.36 1.35 0.00	40.47 1.06 0.00	39.53 1.04 0.00	39.68 1.05 0.00	44.87 1.18 0.00	41.78 1.06 0.00	33.71 0.83 0.00	39.36 0.94 0.00	47.14 1.08 0.00	45.54 1.13 0.00	45.85 1.00 0.00	48.27 1.06 0.00	47.33 1.18 0.00	50.01 1.24 0.00	51.62 1.42 0.00	46.92 1.43 0.00	49.09 1.51 0.00	52.17 1.70 0.00	49.77 1.91 0.00	52.84 1.94 0.00	51.33 1.52 0.00	43.34 1.15 0.00	45.66 1.09 0.00
MALONE___115KV_TB1 356076	48.15 1.71 0.00	45.62 1.60 0.00	40.80 1.38 0.00	39.67 1.18 0.00	39.84 1.22 0.00	45.14 1.45 0.00	42.10 1.38 0.00	33.86 0.98 0.00	39.60 1.18 0.00	47.56 1.49 0.00	45.70 1.28 0.00	45.93 1.08 0.00	48.23 1.02 0.00	46.67 0.51 0.00	49.08 0.32 0.00	50.22 0.02 0.00	45.84 0.34 0.00	48.06 0.47 0.00	51.23 0.75 0.00	48.96 1.09 0.00	52.34 1.44 0.00	51.37 1.56 0.00	42.89 0.70 0.00	45.32 0.75 0.00
MAPLEWOD_115KV_TB3 80458	47.33 0.88 0.00	44.57 0.56 0.00	40.10 0.68 0.00	39.24 0.75 0.00	39.28 0.66 0.00	44.50 0.82 0.00	41.62 0.90 0.00	33.71 0.83 0.00	39.42 1.00 0.00	47.10 1.04 0.00	45.41 0.99 0.00	45.96 1.10 0.00	48.37 1.16 0.00	47.63 1.48 0.00	50.57 1.80 0.00	52.17 1.95 -0.02	47.49 1.77 -0.21	50.75 2.00 -1.17	52.47 2.00 0.00	49.68 1.82 0.00	52.54 1.64 0.00	51.24 1.44 0.00	43.61 1.42 0.00	46.03 1.46 0.00
MAPLE_RIDGE_WT_1 323574	46.56 0.11 0.00	44.12 0.10 0.00	39.51 0.09 0.00	38.46 -0.03 0.00	38.54 -0.09 0.00	43.60 -0.08 0.00	40.61 -0.11 0.00	32.70 -0.18 0.00	38.23 -0.19 0.00	45.91 -0.16 0.00	44.10 -0.31 0.00	44.43 -0.42 0.00	46.69 -0.53 0.00	45.43 -0.73 0.00	48.00 -0.77 0.00	49.57 -0.63 0.00	44.82 -0.68 0.00	46.94 -0.64 0.00	49.96 -0.52 0.00	47.16 -0.70 0.00	49.90 -1.00 0.00	48.83 -0.97 0.00	41.36 -0.83 0.00	43.66 -0.91 0.00
MAPLE_RIDGE_WT_2 323611	46.56 0.11 0.00	44.12 0.10 0.00	39.51 0.09 0.00	38.46 -0.03 0.00	38.54 -0.09 0.00	43.60 -0.08 0.00	40.61 -0.11 0.00	32.70 -0.18 0.00	38.23 -0.19 0.00	45.91 -0.16 0.00	44.10 -0.31 0.00	44.43 -0.42 0.00	46.69 -0.53 0.00	45.43 -0.73 0.00	48.00 -0.77 0.00	49.57 -0.63 0.00	44.82 -0.68 0.00	46.94 -0.64 0.00	49.96 -0.52 0.00	47.16 -0.70 0.00	49.90 -1.00 0.00	48.83 -0.97 0.00	41.36 -0.83 0.00	43.66 -0.91 0.00
MARBLE_RIVER_WT_PWR 323696	47.47 1.03 0.00	44.97 0.96 0.00	40.32 0.90 0.00	39.25 0.76 0.00	39.44 0.81 0.00	44.61 0.93 0.00	41.61 0.89 0.00	33.41 0.53 0.00	39.10 0.68 0.00	46.89 0.83 0.00	45.07 0.65 0.00	45.41 0.55 0.00	47.65 0.43 0.00	46.17 0.01 0.00	48.64 -0.13 0.00	49.71 -0.49 0.00	45.23 -0.27 0.00	47.51 -0.08 0.00	50.71 0.24 0.00	48.37 0.51 0.00	51.69 0.79 0.00	50.75 0.94 0.00	42.45 0.26 0.00	44.79 0.21 0.00
MARSHVLE_115KV_TB1 80742	49.12 2.68 0.00	46.59 2.58 0.00	41.71 2.29 0.00	40.65 2.16 0.00	40.76 2.14 0.00	46.15 2.46 0.00	42.88 2.16 0.00	34.46 1.58 0.00	39.69 1.27 0.00	47.42 1.36 0.00	45.83 1.41 0.00	46.22 1.36 0.00	48.71 1.49 0.00	47.49 1.34 0.00	49.95 1.19 0.00	51.65 1.44 -0.01	47.18 1.55 -0.14	49.16 1.58 0.00	52.76 2.28 0.00	50.60 2.74 0.00	53.80 2.90 0.00	52.56 2.76 0.00	44.45 2.26 0.00	46.82 2.25 0.00
MARSH_HILL_WT_PWR 323713	45.36 -1.08 0.00	42.18 -1.83 0.00	36.84 -2.59 0.00	35.99 -2.50 0.00	36.24 -2.38 0.00	41.11 -2.58 0.00	38.20 -2.52 0.00	43.28 -2.03 -12.43	37.90 -0.52 0.00	45.31 -0.75 0.00	43.65 -0.76 0.00	43.16 -1.69 0.00	44.77 -2.25 0.20	43.73 -2.42 0.00	45.73 -3.04 0.00	47.39 -2.82 -0.01	43.11 -2.51 -0.12	40.04 -1.54 6.01	50.22 -0.25 0.00	46.80 -1.06 0.00	49.30 -1.60 0.00	47.52 -2.28 0.00	40.10 -2.03 0.06	42.69 -1.88 0.00
MCINTYRE_115KV_TB2 80467	49.04 2.60 0.00	46.52 2.51 0.00	41.48 2.06 0.00	40.29 1.80 0.00	40.47 1.85 0.00	45.95 2.27 0.00	42.80 2.08 0.00	34.46 1.58 0.00	40.20 1.78 0.00	48.26 2.19 0.00	46.14 1.73 0.00	46.18 1.33 0.00	48.66 1.44 0.00	46.79 0.63 0.00	49.41 0.65 0.00	50.57 0.37 0.00	46.40 0.90 0.00	47.87 0.28 0.00	51.33 0.85 0.00	49.03 1.17 0.00	52.88 1.98 0.00	52.04 2.24 0.00	43.65 1.46 0.00	46.17 1.60 0.00
MECO_____69_KV_BK1 80468	49.45 3.00 0.00	46.75 2.74 0.00	41.87 2.45 0.00	40.85 2.36 0.00	40.98 2.36 0.00	46.41 2.73 0.00	43.24 2.52 0.00	34.78 1.90 0.00	39.80 1.38 0.00	47.16 1.09 0.00	45.51 1.09 0.00	46.15 1.30 0.00	48.69 1.48 0.00	47.86 1.70 0.00	50.53 1.76 0.00	51.94 1.72 -0.01	47.89 2.27 -0.12	49.66 2.08 0.00	53.90 3.42 0.00	51.69 3.83 0.00	54.85 3.94 0.00	53.49 3.69 0.00	45.23 3.04 0.00	47.55 2.98 0.00
MENANDS___115KV_TB5 355628	47.00 0.56 0.00	44.27 0.26 0.00	39.85 0.43 0.00	38.99 0.50 0.00	39.05 0.42 0.00	44.22 0.53 0.00	41.36 0.64 0.00	33.51 0.63 0.00	39.19 0.77 0.00	46.83 0.77 0.00	45.14 0.72 0.00	45.67 0.82 0.00	48.05 0.83 0.00	47.28 1.13 0.00	50.19 1.42 0.00	51.77 1.55 -0.02	47.12 1.40 -0.22	50.33 1.57 -1.17	52.00 1.52 0.00	49.22 1.36 0.00	52.05 1.16 0.00	50.77 0.96 0.00	43.23 1.04 0.00	45.65 1.08 0.00
MG INDUSTRY___DRP 24185	47.09 0.64 0.00	44.42 0.41 0.00	39.95 0.53 0.00	39.14 0.64 0.00	39.17 0.55 0.00	44.38 0.70 0.00	41.46 0.74 0.00	33.54 0.66 0.00	39.15 0.72 0.00	46.70 0.64 0.00	44.80 0.38 0.00	45.26 0.40 0.00	47.47 0.25 0.00	46.17 0.01 0.00	48.76 -0.01 0.00	50.47 0.25 -0.02	45.71 0.00 -0.22	47.67 0.08 0.00	50.53 0.06 0.00	48.05 0.19 0.00	50.89 -0.01 0.00	49.66 -0.14 0.00	42.27 0.08 0.00	44.64 0.07 0.00

MID___OSWEGATCHIE_HYD 23849	48.45 2.01 0.00	45.93 1.92 0.00	40.97 1.54 0.00	39.81 1.32 0.00	39.87 1.25 0.00	45.09 1.41 0.00	41.96 1.24 0.00	33.76 0.88 0.00	39.46 1.05 0.00	47.32 1.26 0.00	45.15 0.73 0.00	45.18 0.32 0.00	47.40 0.18 0.00	45.70 -0.46 0.00	48.35 -0.42 0.00	49.98 -0.22 0.00	45.40 -0.10 0.00	47.49 -0.09 0.00	50.72 0.25 0.00	48.14 0.27 0.00	51.33 0.43 0.00	50.23 0.42 0.00	42.41 0.22 0.00	44.63 0.06 0.00
MID___RAQUETTE_HYD 23851	48.20 1.76 0.00	45.72 1.71 0.00	40.79 1.38 0.00	39.64 1.15 0.00	39.79 1.16 0.00	45.13 1.45 0.00	42.04 1.32 0.00	33.85 0.98 0.00	39.55 1.14 0.00	47.47 1.41 0.00	45.50 1.09 0.00	45.61 0.75 0.00	48.01 0.79 0.00	46.36 0.21 0.00	48.80 0.03 0.00	50.05 -0.15 0.00	45.60 0.10 0.00	47.39 -0.20 0.00	50.52 0.05 0.00	48.08 0.22 0.00	51.48 0.58 0.00	50.62 0.82 0.00	42.67 0.48 0.00	45.14 0.57 0.00
MILLIKEN___1 23584	47.21 0.76 0.00	44.69 0.68 0.00	39.76 0.34 0.00	38.91 0.42 0.00	39.09 0.46 0.00	44.14 0.46 0.00	41.20 0.48 0.00	34.11 0.29 -0.94	38.68 0.26 0.00	46.25 0.19 0.00	44.67 0.25 0.00	45.11 0.26 0.00	47.65 0.20 -0.23	46.43 0.28 0.00	49.06 0.30 0.00	50.64 0.43 -0.01	46.05 0.42 -0.13	54.88 0.51 -6.78	51.53 1.06 0.00	49.08 1.22 0.00	52.13 1.23 0.00	50.64 0.83 0.00	42.72 0.46 -0.07	45.04 0.47 0.00
MILLIKEN___2 23585	47.21 0.76 0.00	44.69 0.68 0.00	39.76 0.34 0.00	38.91 0.42 0.00	39.09 0.46 0.00	44.14 0.46 0.00	41.20 0.48 0.00	34.11 0.29 -0.94	38.68 0.26 0.00	46.25 0.19 0.00	44.67 0.25 0.00	45.11 0.26 0.00	47.65 0.20 -0.23	46.43 0.28 0.00	49.06 0.30 0.00	50.64 0.43 -0.01	46.05 0.42 -0.13	54.88 0.51 -6.78	51.53 1.06 0.00	49.08 1.22 0.00	52.13 1.23 0.00	50.64 0.83 0.00	42.72 0.46 -0.07	45.04 0.47 0.00
MILLIKEN___DIESEL 23629	47.21 0.76 0.00	44.69 0.68 0.00	39.76 0.34 0.00	38.91 0.42 0.00	39.09 0.46 0.00	44.14 0.46 0.00	41.20 0.48 0.00	34.11 0.29 -0.94	38.68 0.26 0.00	46.25 0.19 0.00	44.67 0.25 0.00	45.11 0.26 0.00	47.65 0.20 -0.23	46.43 0.28 0.00	49.06 0.30 0.00	50.64 0.43 -0.01	46.05 0.42 -0.13	54.88 0.51 -6.78	51.53 1.06 0.00	49.08 1.22 0.00	52.13 1.23 0.00	50.64 0.83 0.00	42.72 0.46 -0.07	45.04 0.47 0.00
MILLSEAT___LFGE 323607	46.13 -0.32 0.00	43.61 -0.40 0.00	38.60 -0.82 0.00	37.57 -0.93 0.00	38.05 -0.58 0.00	42.79 -0.90 0.00	39.62 -1.10 0.00	29.65 -0.94 2.30	36.97 -1.45 0.00	44.48 -1.58 0.00	43.50 -0.92 0.00	42.92 -1.93 0.00	45.15 -2.01 0.06	43.80 -2.36 0.00	46.07 -2.69 0.00	48.06 -2.15 -0.01	43.63 -1.96 -0.09	44.07 -1.85 1.67	48.89 -1.59 0.00	47.19 -0.67 0.00	50.46 -0.44 0.00	48.65 -1.16 0.00	41.11 -1.07 0.02	43.94 -0.63 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	47.97 1.52 0.00	45.17 1.16 0.00	40.53 1.11 0.00	39.70 1.21 0.00	39.79 1.16 0.00	45.18 1.49 0.00	42.51 1.80 0.00	34.56 1.68 0.00	40.44 2.02 0.00	48.49 2.42 0.00	47.01 2.60 0.00	47.84 2.99 0.00	50.18 2.97 0.00	49.57 3.42 0.00	52.63 3.86 0.00	54.55 4.09 -0.27	51.81 3.63 -2.68	59.45 3.63 -8.23	53.71 3.24 0.00	50.58 2.72 0.00	53.52 2.61 0.00	52.14 2.34 0.00	44.60 2.41 0.00	46.97 2.40 0.00
MILLWOOD_13_KV_LOAD 356217	48.05 1.61 0.00	45.25 1.24 0.00	40.59 1.17 0.00	39.77 1.28 0.00	39.86 1.23 0.00	45.26 1.57 0.00	42.59 1.87 0.00	34.63 1.75 0.00	40.51 2.09 0.00	48.58 2.51 0.00	47.11 2.69 0.00	47.94 3.09 0.00	50.31 3.10 0.00	49.69 3.54 0.00	52.76 3.99 0.00	54.71 4.24 -0.27	51.94 3.76 -2.68	59.58 3.76 -8.23	53.85 3.38 0.00	50.72 2.86 0.00	53.67 2.77 0.00	52.25 2.45 0.00	44.70 2.51 0.00	47.05 2.48 0.00
MODEL_CITY_ENERGY 24167	44.49 -1.95 0.00	42.12 -1.89 0.00	37.28 -2.14 0.00	36.26 -2.23 0.00	36.75 -1.88 0.00	41.24 -2.44 0.00	38.14 -2.58 0.00	27.77 -2.15 2.96	35.54 -2.88 0.00	42.71 -3.35 0.00	41.65 -2.77 0.00	41.07 -3.79 0.00	43.11 -4.04 0.06	41.76 -4.39 0.00	43.96 -4.80 0.00	45.88 -4.33 -0.01	41.49 -4.10 -0.10	41.77 -3.98 1.84	46.61 -3.86 0.00	45.21 -2.65 0.00	48.46 -2.44 0.00	46.76 -3.04 0.00	39.62 -2.55 0.02	42.53 -2.04 0.00
MODERN_LFGE___ 323580	44.49 -1.95 0.00	42.12 -1.89 0.00	37.28 -2.14 0.00	36.26 -2.23 0.00	36.75 -1.88 0.00	41.24 -2.44 0.00	38.14 -2.58 0.00	27.77 -2.15 2.96	35.54 -2.88 0.00	42.71 -3.35 0.00	41.65 -2.77 0.00	41.07 -3.79 0.00	43.11 -4.04 0.06	41.76 -4.39 0.00	43.96 -4.80 0.00	45.88 -4.33 -0.01	41.49 -4.10 -0.10	41.77 -3.98 1.84	46.61 -3.86 0.00	45.21 -2.65 0.00	48.46 -2.44 0.00	46.76 -3.04 0.00	39.62 -2.55 0.02	42.53 -2.04 0.00
MOHAWK_PAPER___DRP 24187	47.33 0.88 0.00	44.57 0.56 0.00	40.10 0.68 0.00	39.24 0.75 0.00	39.28 0.66 0.00	44.50 0.82 0.00	41.62 0.90 0.00	33.71 0.83 0.00	39.42 1.00 0.00	47.10 1.04 0.00	45.41 0.99 0.00	45.96 1.10 0.00	48.37 1.16 0.00	47.63 1.48 0.00	50.57 1.80 0.00	52.17 1.95 -0.02	47.49 1.77 -0.21	50.75 2.00 -1.17	52.47 2.00 0.00	49.68 1.82 0.00	52.54 1.64 0.00	51.24 1.44 0.00	43.61 1.42 0.00	46.03 1.46 0.00
MOHICAN___35_KV_115KV_LD 80490	48.37 1.93 0.00	45.46 1.45 0.00	40.81 1.39 0.00	39.94 1.45 0.00	40.07 1.45 0.00	45.23 1.55 0.00	42.33 1.61 0.00	34.27 1.39 0.00	39.98 1.56 0.00	47.63 1.57 0.00	45.75 1.33 0.00	46.32 1.46 0.00	48.81 1.60 0.00	48.13 1.97 0.00	51.39 2.62 0.00	52.91 2.70 -0.02	48.36 2.69 -0.17	51.71 3.05 -1.07	53.74 3.27 0.00	50.98 3.11 0.00	53.96 3.06 0.00	52.45 2.64 0.00	44.54 2.35 0.00	47.18 2.61 0.00
MONGAUP___HYD 23641	48.39 1.95 0.00	45.54 1.53 0.00	40.79 1.37 0.00	39.96 1.46 0.00	40.03 1.41 0.00	45.42 1.73 0.00	42.65 1.93 0.00	34.59 1.71 0.00	40.26 1.85 0.00	48.00 1.94 0.00	46.31 1.89 0.00	46.77 1.92 0.00	48.92 1.71 0.00	48.55 2.39 0.00	51.57 2.80 0.00	53.57 3.13 -0.24	50.99 3.11 -2.38	40.02 3.28 10.84	54.04 3.57 0.00	51.20 3.34 0.00	54.18 3.28 0.00	52.45 2.65 0.00	44.84 2.65 0.00	47.08 2.51 0.00
MONTAUK___DIESEL 23721	49.14 2.70 0.00	46.56 2.55 0.00	41.58 2.16 0.00	40.50 2.01 0.00	40.54 1.92 0.00	45.34 1.66 0.00	42.42 1.70 0.00	34.93 2.05 0.00	40.78 2.36 0.00	48.89 2.83 0.00	47.32 2.90 0.00	48.93 4.07 0.00	50.32 3.39 0.29	48.61 2.92 0.46	50.03 3.07 1.81	47.42 3.67 6.45	51.90 3.70 -2.70	59.19 3.76 -7.84	53.62 3.14 0.00	50.32 2.46 0.00	53.46 2.56 0.00	50.13 1.76 1.44	29.12 1.88 14.96	37.55 1.21 8.23
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.25 -2.20 0.00	41.18 -2.83 0.00	36.88 -2.54 0.00	35.79 -2.70 0.00	35.86 -2.76 0.00	40.62 -3.06 0.00	38.21 -2.51 0.00	28.07 -2.36 2.45	35.62 -2.80 0.00	42.78 -3.29 0.00	41.59 -2.83 0.00	41.16 -3.70 0.00	43.26 -3.87 0.08	41.84 -4.31 0.00	44.01 -4.75 0.00	46.03 -4.18 -0.01	41.52 -4.09 -0.11	41.32 -3.88 2.38	46.31 -4.16 0.00	44.88 -2.98 0.00	48.06 -2.84 0.00	46.51 -3.29 0.00	39.51 -2.65 0.02	42.61 -1.97 0.00

MORRIS_RIDGE___SOLAR 323848	45.14 -1.31 0.00	42.30 -1.71 0.00	37.12 -2.30 0.00	36.34 -2.15 0.00	36.69 -1.93 0.00	41.42 -2.26 0.00	38.44 -2.28 0.00	10.69 -2.02 20.16	28.51 -2.95 6.96	43.08 -2.99 0.00	41.67 -2.75 0.00	41.42 -3.43 0.00	43.18 -3.93 0.11	42.33 -3.83 0.00	44.53 -4.24 0.00	46.05 -4.16 -0.01	42.25 -3.38 -0.13	41.12 -3.33 3.14	47.20 -3.27 0.00	45.05 -2.81 0.00	48.07 -2.83 0.00	46.51 -3.30 0.00	39.31 -2.85 0.03	42.05 -2.52 0.00
MORTIMER_115KV_TB3 55949	46.04 -0.40 0.00	43.63 -0.38 0.00	38.77 -0.65 0.00	37.79 -0.70 0.00	38.16 -0.47 0.00	42.98 -0.71 0.00	39.89 -0.83 0.00	32.12 -0.76 0.00	37.51 -0.91 0.00	45.14 -0.92 0.00	43.92 -0.50 0.00	43.78 -1.08 0.00	46.00 -1.17 0.04	44.80 -1.36 0.00	47.31 -1.45 0.00	49.14 -1.06 0.00	44.50 -1.00 0.00	45.40 -0.93 1.26	49.66 -0.82 0.00	47.56 -0.30 0.00	50.70 -0.20 0.00	49.01 -0.79 0.00	41.39 -0.79 0.01	44.01 -0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.14 1.70 0.00	45.31 1.30 0.00	40.65 1.23 0.00	39.83 1.34 0.00	39.93 1.30 0.00	45.36 1.68 0.00	42.73 2.01 0.00	34.78 1.90 0.00	40.73 2.31 0.00	48.87 2.81 0.00	47.43 3.01 0.00	48.28 3.42 0.00	50.59 3.37 0.00	49.98 3.82 0.00	53.06 4.29 0.00	55.00 4.54 -0.27	52.20 4.00 -2.70	59.44 3.99 -7.86	54.02 3.55 0.00	50.83 2.97 0.00	53.74 2.84 0.00	52.40 2.59 0.00	44.87 2.68 0.00	47.23 2.67 0.00
MUNSVILLE_WIND_PWR 323609	50.07 3.62 0.00	47.15 3.14 0.00	41.64 2.22 0.00	40.77 2.28 0.00	41.08 2.46 0.00	46.32 2.64 0.00	43.17 2.45 0.00	35.73 2.17 -0.68	40.71 2.29 0.00	48.27 2.20 0.00	46.45 2.03 0.00	46.29 1.44 0.00	48.85 1.52 -0.12	47.83 1.68 0.00	50.92 2.15 0.00	52.50 2.28 -0.02	47.84 2.14 -0.20	51.98 2.10 -2.29	53.74 3.27 0.00	51.82 3.96 0.00	54.67 3.77 0.00	53.54 3.74 0.00	44.19 1.97 -0.03	46.56 1.99 0.00
N SALMON___HYD 24042	48.15 1.70 0.00	45.62 1.60 0.00	40.80 1.38 0.00	39.67 1.18 0.00	39.84 1.22 0.00	45.14 1.45 0.00	42.10 1.38 0.00	33.86 0.98 0.00	39.60 1.18 0.00	47.56 1.49 0.00	45.70 1.28 0.00	45.93 1.08 0.00	48.23 1.02 0.00	46.67 0.52 0.00	49.08 0.32 0.00	50.22 0.02 0.00	45.84 0.34 0.00	48.06 0.47 0.00	51.23 0.75 0.00	48.96 1.09 0.00	52.33 1.44 0.00	51.37 1.56 0.00	42.89 0.70 0.00	45.32 0.75 0.00
N.AKRON__115KV_KNAPP 355671	45.99 -0.45 0.00	43.48 -0.53 0.00	38.50 -0.92 0.00	37.45 -1.04 0.00	37.94 -0.68 0.00	42.65 -1.04 0.00	39.48 -1.23 0.00	29.31 -1.09 2.48	36.86 -1.56 0.00	44.38 -1.68 0.00	43.33 -1.09 0.00	42.78 -2.08 0.00	45.02 -2.14 0.06	43.63 -2.53 0.00	45.90 -2.86 0.00	47.87 -2.34 -0.01	43.43 -2.16 -0.09	43.85 -2.03 1.71	48.67 -1.81 0.00	47.04 -0.82 0.00	50.30 -0.60 0.00	48.49 -1.31 0.00	40.98 -1.19 0.02	43.83 -0.74 0.00
N.E_GEN_SANDY PD 24062	48.59 1.04 -1.10	42.22 0.64 2.43	40.18 0.76 0.00	39.29 0.80 0.00	39.36 0.74 0.00	44.63 0.95 0.00	41.70 1.13 0.14	34.12 1.07 -0.17	39.69 1.27 0.00	45.90 1.34 1.51	45.70 1.29 0.00	46.32 1.46 0.00	52.74 1.43 -4.09	47.27 1.80 0.69	51.00 2.23 0.00	52.48 2.38 0.10	49.17 2.24 -1.44	53.09 2.45 -3.06	52.74 2.26 0.00	49.56 1.98 0.29	53.77 1.77 -1.10	51.99 1.56 -0.63	43.89 1.70 0.00	46.38 1.81 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.05 1.61 0.00	45.27 1.26 0.00	40.59 1.17 0.00	39.77 1.28 0.00	39.86 1.24 0.00	45.26 1.57 0.00	42.59 1.87 0.00	34.61 1.73 0.00	40.46 2.04 0.00	48.53 2.46 0.00	47.07 2.66 0.00	47.92 3.07 0.00	50.32 3.10 0.00	49.68 3.53 0.00	52.73 3.97 0.00	54.65 4.20 -0.26	51.78 3.70 -2.58	37.23 3.69 14.05	53.76 3.28 0.00	50.62 2.76 0.00	53.57 2.68 0.00	52.19 2.39 0.00	44.63 2.44 0.00	46.97 2.40 0.00
N.QUEENS_27_KV_LOAD 356247	48.22 1.77 0.00	45.45 1.44 0.00	40.76 1.34 0.00	39.93 1.44 0.00	40.05 1.43 0.00	45.51 1.83 0.00	42.93 2.21 0.00	34.93 2.05 0.00	40.83 2.41 0.00	49.02 2.95 0.00	47.66 3.24 0.00	48.48 3.63 0.00	51.00 3.67 -0.11	50.41 4.18 -0.08	53.42 4.66 0.00	55.46 5.00 -0.27	52.58 4.38 -2.70	59.57 4.12 -7.86	54.18 3.71 0.00	51.04 3.18 0.00	53.92 3.02 0.00	52.69 2.89 0.00	45.14 2.95 0.00	47.42 2.85 0.00
N.TROY___115KV_TB1 355778	47.55 1.11 0.00	44.74 0.73 0.00	40.26 0.83 0.00	39.35 0.86 0.00	39.43 0.81 0.00	44.67 0.99 0.00	41.76 1.04 0.00	33.81 0.93 0.00	39.50 1.08 0.00	47.14 1.08 0.00	45.40 0.98 0.00	45.93 1.08 0.00	48.33 1.11 0.00	47.59 1.43 0.00	50.59 1.82 0.00	52.16 1.93 -0.03	47.56 1.80 -0.27	50.86 2.05 -1.23	52.55 2.08 0.00	49.81 1.95 0.00	52.68 1.78 0.00	51.39 1.59 0.00	43.77 1.58 0.00	46.26 1.69 0.00
NARROWS_GT1_1 24228	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT1_2 24229	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT1_3 24230	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT1_4 24231	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT1_5 24232	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00

NARROWS_GT1_6 24233	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT1_7 24234	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT1_8 24235	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_1 24236	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_2 24237	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_3 24238	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_4 24239	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_5 24240	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_6 24241	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_7 24242	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NARROWS_GT2_8 24243	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.62 4.16 -7.86	54.24 3.76 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.88 1.43 0.00	45.06 1.04 0.00	40.50 1.08 0.00	39.65 1.16 0.00	39.69 1.07 0.00	44.99 1.31 0.00	42.06 1.35 0.00	34.08 1.19 0.00	39.81 1.39 0.00	47.30 1.24 0.00	45.28 0.86 0.00	45.73 0.88 0.00	48.24 1.02 0.00	47.38 1.22 0.00	50.38 1.61 0.00	52.21 1.94 -0.06	47.75 1.59 -0.66	49.56 1.97 0.00	52.80 2.33 0.00	50.38 2.52 0.00	53.33 2.43 0.00	51.94 2.14 0.00	44.06 1.87 0.00	46.41 1.84 0.00
NCHELSEA_115KV_TR2 355582	48.37 1.93 0.00	45.52 1.51 0.00	40.82 1.40 0.00	39.98 1.49 0.00	40.05 1.43 0.00	45.48 1.79 0.00	42.76 2.04 0.00	34.78 1.90 0.00	40.71 2.29 0.00	48.82 2.76 0.00	47.32 2.90 0.00	48.13 3.28 0.00	50.57 3.35 0.00	49.99 3.84 0.00	53.09 4.33 0.00	55.07 4.61 -0.26	52.27 4.15 -2.63	51.82 4.23 0.00	54.49 4.01 0.00	51.35 3.49 0.00	54.28 3.38 0.00	52.82 3.01 0.00	45.04 2.85 0.00	47.40 2.83 0.00
NEG CAPITAL___MECHNVIL 23645	48.33 1.89 0.00	45.50 1.48 0.00	40.87 1.45 0.00	39.95 1.46 0.00	40.07 1.44 0.00	45.36 1.67 0.00	42.39 1.67 0.00	34.32 1.44 0.00	40.07 1.65 0.00	47.84 1.78 0.00	46.08 1.66 0.00	46.65 1.80 0.00	49.16 1.95 0.00	48.43 2.27 0.00	51.54 2.78 0.00	53.14 2.92 -0.02	48.44 2.74 -0.21	51.77 3.05 -1.13	53.71 3.23 0.00	50.92 3.06 0.00	53.89 2.99 0.00	52.45 2.65 0.00	44.57 2.38 0.00	47.06 2.49 0.00
NEG CENTRAL_HIGH_ACRES 23767	45.24 -1.21 0.00	42.88 -1.13 0.00	38.13 -1.29 0.00	37.19 -1.31 0.00	37.51 -1.11 0.00	42.29 -1.39 0.00	39.29 -1.43 0.00	31.70 -1.18 0.00	37.02 -1.40 0.00	44.49 -1.57 0.00	43.24 -1.18 0.00	43.24 -1.62 0.00	45.44 -1.75 0.03	44.33 -1.83 0.00	46.82 -1.95 0.00	48.58 -1.61 0.00	44.01 -1.49 0.00	45.21 -1.46 0.91	49.17 -1.31 0.00	47.03 -0.83 0.00	50.06 -0.84 0.00	48.42 -1.39 0.00	40.83 -1.35 0.01	43.32 -1.25 0.00

NEG CENTRAL___DRP 24199	46.46 0.02 0.00	43.95 -0.06 0.00	39.04 -0.38 0.00	38.17 -0.32 0.00	38.42 -0.20 0.00	43.38 -0.30 0.00	40.45 -0.27 0.00	33.78 -0.29 -1.19	38.18 -0.24 0.00	45.72 -0.35 0.00	44.25 -0.17 0.00	44.44 -0.42 0.00	46.61 -0.55 0.05	45.70 -0.46 0.00	48.29 -0.48 0.00	49.94 -0.27 -0.01	45.34 -0.23 -0.08	46.01 -0.07 1.51	50.89 0.42 0.00	48.26 0.40 0.00	51.24 0.34 0.00	49.69 -0.11 0.00	41.87 -0.31 0.02	44.29 -0.28 0.00
NEG CENTRAL___INDECK 23768	47.29 0.84 0.00	44.46 0.45 0.00	39.23 -0.19 0.00	38.28 -0.21 0.00	38.59 -0.03 0.00	43.38 -0.30 0.00	39.69 -1.03 0.00	44.53 -1.09 -12.73	37.83 -0.59 0.00	44.93 -1.13 0.00	43.75 -0.67 0.00	43.16 -1.69 0.00	45.23 -1.86 0.13	44.11 -2.04 0.00	46.26 -2.50 0.00	48.13 -2.08 -0.01	43.88 -1.72 -0.10	43.03 -0.67 3.88	50.34 -0.13 0.00	47.82 -0.04 0.00	50.67 -0.23 0.00	48.90 -0.91 0.00	41.19 -0.96 0.04	44.67 0.10 0.00
NEG CENTRAL___SENECA 23627	46.61 0.17 0.00	44.02 0.01 0.00	38.98 -0.44 0.00	38.15 -0.35 0.00	38.46 -0.16 0.00	43.41 -0.27 0.00	40.50 -0.22 0.00	34.53 -0.25 -1.90	38.32 -0.10 0.00	45.84 -0.22 0.00	44.40 -0.02 0.00	44.46 -0.40 0.00	46.54 -0.58 0.10	45.64 -0.51 0.00	48.23 -0.53 0.00	49.88 -0.33 -0.01	45.31 -0.27 -0.09	44.70 -0.06 2.82	51.05 0.58 0.00	48.38 0.52 0.00	51.38 0.48 0.00	49.74 -0.06 0.00	41.89 -0.27 0.03	44.36 -0.21 0.00
NEG CENTRAL___STATE_STREET 24147	46.68 0.23 0.00	44.25 0.24 0.00	39.40 -0.02 0.00	38.53 0.04 0.00	38.62 0.00 0.00	43.60 -0.09 0.00	40.72 0.00 0.00	32.71 -0.17 0.00	38.22 -0.20 0.00	45.75 -0.32 0.00	44.20 -0.22 0.00	44.59 -0.27 0.00	46.94 -0.30 -0.03	45.98 -0.18 0.00	48.57 -0.19 0.00	50.27 0.06 -0.01	45.69 0.11 -0.08	48.63 0.28 -0.76	51.19 0.71 0.00	48.58 0.72 0.00	51.56 0.66 0.00	50.08 0.28 0.00	42.13 -0.07 -0.01	44.54 -0.03 0.00
NEG MILLWOOD___DRP 24198	48.40 1.96 0.00	45.54 1.53 0.00	40.84 1.42 0.00	40.00 1.51 0.00	40.08 1.46 0.00	45.52 1.83 0.00	42.82 2.10 0.00	34.84 1.96 0.00	40.80 2.38 0.00	48.98 2.91 0.00	47.51 3.09 0.00	48.36 3.50 0.00	50.80 3.58 0.00	50.23 4.07 0.00	53.37 4.60 0.00	55.36 4.90 -0.27	52.57 4.38 -2.70	55.28 4.42 -3.27	54.65 4.17 0.00	51.49 3.63 0.00	54.39 3.49 0.00	52.93 3.12 0.00	45.16 2.97 0.00	47.50 2.93 0.00
NEG NORTH_FLCN_SEA 23793	48.04 1.59 0.00	45.44 1.43 0.00	40.83 1.41 0.00	39.75 1.26 0.00	39.95 1.33 0.00	45.16 1.48 0.00	42.13 1.41 0.00	33.84 0.96 0.00	39.59 1.17 0.00	47.40 1.33 0.00	45.56 1.14 0.00	45.94 1.08 0.00	48.17 0.95 0.00	46.75 0.59 0.00	49.35 0.59 0.00	50.20 0.00 0.00	45.78 0.28 0.00	48.12 0.53 0.00	51.40 0.92 0.00	49.00 1.14 0.00	52.34 1.44 0.00	51.39 1.58 0.00	43.00 0.80 0.00	45.34 0.77 0.00
NEG NORTH_KES_CHATEGAY 23792	47.54 1.10 0.00	45.03 1.02 0.00	40.35 0.93 0.00	39.27 0.78 0.00	39.45 0.83 0.00	44.65 0.97 0.00	41.63 0.92 0.00	33.43 0.55 0.00	39.10 0.68 0.00	46.85 0.79 0.00	45.02 0.60 0.00	45.34 0.49 0.00	47.58 0.37 0.00	46.07 -0.09 0.00	48.55 -0.22 0.00	49.62 -0.58 0.00	45.14 -0.36 0.00	47.42 -0.17 0.00	50.76 0.28 0.00	48.37 0.51 0.00	51.78 0.88 0.00	50.85 1.05 0.00	42.48 0.29 0.00	44.83 0.26 0.00
NEG NORTH___ALICE_FALLS 23915	48.17 1.72 0.00	45.58 1.57 0.00	40.90 1.47 0.00	39.83 1.34 0.00	40.00 1.38 0.00	45.24 1.56 0.00	42.21 1.49 0.00	33.90 1.02 0.00	39.69 1.27 0.00	47.50 1.44 0.00	45.60 1.19 0.00	46.00 1.15 0.00	48.23 1.02 0.00	46.81 0.65 0.00	49.46 0.70 0.00	50.27 0.07 0.00	45.86 0.36 0.00	48.26 0.67 0.00	51.62 1.14 0.00	49.20 1.33 0.00	52.61 1.71 0.00	51.63 1.83 0.00	43.11 0.91 0.00	45.50 0.93 0.00
NEG NORTH___LWR_SARANAC 23913	48.17 1.72 0.00	45.58 1.57 0.00	40.90 1.47 0.00	39.83 1.34 0.00	40.00 1.38 0.00	45.24 1.56 0.00	42.21 1.49 0.00	33.90 1.02 0.00	39.69 1.27 0.00	47.50 1.44 0.00	45.60 1.19 0.00	46.00 1.15 0.00	48.23 1.02 0.00	46.81 0.65 0.00	49.46 0.70 0.00	50.27 0.07 0.00	45.86 0.36 0.00	48.26 0.67 0.00	51.62 1.14 0.00	49.20 1.33 0.00	52.61 1.71 0.00	51.63 1.83 0.00	43.11 0.91 0.00	45.50 0.93 0.00
NEG NORTH___PLATTSBURG 23628	48.17 1.72 0.00	45.58 1.57 0.00	40.90 1.48 0.00	39.83 1.34 0.00	40.00 1.38 0.00	45.24 1.55 0.00	42.21 1.49 0.00	33.90 1.02 0.00	39.69 1.27 0.00	47.50 1.44 0.00	45.61 1.19 0.00	46.00 1.15 0.00	48.23 1.02 0.00	46.81 0.65 0.00	49.46 0.69 0.00	50.27 0.07 0.00	45.86 0.36 0.00	48.25 0.67 0.00	51.62 1.14 0.00	49.20 1.33 0.00	52.61 1.71 0.00	51.63 1.83 0.00	43.11 0.92 0.00	45.50 0.93 0.00
NEG WEST_LEA_LOCKPORT 23791	44.85 -1.59 0.00	42.43 -1.58 0.00	37.54 -1.89 0.00	36.52 -1.97 0.00	37.01 -1.62 0.00	41.56 -2.13 0.00	38.44 -2.28 0.00	27.71 -1.96 3.20	35.87 -2.55 0.00	43.16 -2.90 0.00	42.07 -2.35 0.00	41.49 -3.37 0.00	43.58 -3.58 0.06	42.20 -3.96 0.00	44.43 -4.34 0.00	46.32 -3.89 -0.01	41.92 -3.67 -0.10	42.23 -3.53 1.83	47.02 -3.45 0.00	45.57 -2.29 0.00	48.84 -2.06 0.00	47.10 -2.71 0.00	39.88 -2.29 0.02	42.81 -1.76 0.00
NEG WEST___LANCASTR 23811	44.96 -1.49 0.00	42.48 -1.53 0.00	37.55 -1.87 0.00	36.70 -1.79 0.00	37.19 -1.44 0.00	41.82 -1.87 0.00	38.81 -1.91 0.00	28.34 -1.65 2.89	36.32 -2.10 0.00	43.64 -2.43 0.00	42.32 -2.10 0.00	41.85 -3.00 0.00	43.83 -3.31 0.08	42.54 -3.62 0.00	44.91 -3.86 0.00	46.62 -3.59 -0.01	42.12 -3.49 -0.11	41.83 -3.44 2.32	47.09 -3.39 0.00	45.37 -2.49 0.00	48.62 -2.28 0.00	46.85 -2.95 0.00	39.69 -2.48 0.02	42.48 -2.09 0.00
NEG_PENN_ALLEGHNY 23528	46.51 0.06 0.00	43.97 -0.04 0.00	39.07 -0.35 0.00	38.33 -0.16 0.00	38.60 -0.03 0.00	43.55 -0.13 0.00	40.69 -0.03 0.00	32.85 -0.03 0.00	38.36 -0.05 0.00	45.96 -0.10 0.00	44.41 -0.01 0.00	44.84 -0.01 0.00	47.06 -0.12 0.04	46.17 0.02 0.00	48.91 0.14 0.00	50.40 0.18 -0.02	45.76 0.06 -0.20	45.44 0.06 2.21	50.82 0.35 0.00	48.20 0.34 0.00	51.23 0.33 0.00	49.73 -0.07 0.00	42.08 -0.10 0.01	44.48 -0.08 0.00
NEG___GEN_MONROE 24207	46.50 0.06 0.00	44.02 0.01 0.00	39.05 -0.37 0.00	38.03 -0.46 0.00	38.41 -0.22 0.00	43.29 -0.39 0.00	40.21 -0.51 0.00	32.32 -0.56 0.00	37.60 -0.82 0.00	45.24 -0.82 0.00	44.11 -0.31 0.00	43.87 -0.99 0.00	46.11 -1.07 0.04	44.88 -1.28 0.00	47.32 -1.44 0.00	49.20 -0.99 0.00	44.57 -0.93 0.00	45.57 -0.74 1.28	49.92 -0.56 0.00	47.89 0.03 0.00	51.06 0.16 0.00	49.32 -0.48 0.00	41.62 -0.55 0.01	44.30 -0.28 0.00
NEPA___ENERGY 23901	44.84 -1.60 0.00	42.44 -1.57 0.00	37.48 -1.94 0.00	36.91 -1.58 0.00	37.41 -1.21 0.00	42.08 -1.61 0.00	39.23 -1.48 0.00	30.40 -1.30 1.18	36.79 -1.64 0.00	44.07 -1.99 0.00	42.66 -1.75 0.00	42.40 -2.46 0.00	44.33 -2.79 0.09	43.18 -2.98 0.00	45.69 -3.07 0.00	47.14 -3.07 -0.01	42.56 -3.07 -0.13	41.73 -3.14 2.72	47.63 -2.84 0.00	45.63 -2.23 0.00	48.88 -2.02 0.00	47.17 -2.63 0.00	39.98 -2.18 0.03	42.67 -1.90 0.00

NEVERSINK___HYD 23608	47.61 1.17 0.00	44.84 0.83 0.00	40.19 0.77 0.00	39.37 0.88 0.00	39.46 0.83 0.00	44.77 1.08 0.00	42.08 1.36 0.00	34.18 1.30 0.00	39.95 1.54 0.00	47.86 1.79 0.00	46.34 1.92 0.00	47.14 2.28 0.00	49.58 2.36 0.00	49.04 2.89 0.00	52.08 3.31 0.00	53.87 3.46 -0.21	50.84 3.18 -2.16	46.04 3.24 4.78	53.63 3.16 0.00	50.55 2.68 0.00	53.48 2.58 0.00	52.06 2.26 0.00	44.37 2.18 0.00	46.67 2.10 0.00
NEWKRMKL_115KV_TB1 55635	46.83 0.38 0.00	44.12 0.11 0.00	39.70 0.28 0.00	38.86 0.37 0.00	38.91 0.28 0.00	44.07 0.38 0.00	41.22 0.50 0.00	33.39 0.51 0.00	39.05 0.63 0.00	46.68 0.61 0.00	44.99 0.57 0.00	45.53 0.67 0.00	47.90 0.69 0.00	47.13 0.97 0.00	50.01 1.25 0.00	51.61 1.39 -0.02	46.91 1.23 -0.17	50.07 1.37 -1.12	51.79 1.32 0.00	49.05 1.19 0.00	51.87 0.97 0.00	50.57 0.76 0.00	43.04 0.85 0.00	45.45 0.88 0.00
NEWTON___FALLS_HYD 23847	48.45 2.01 0.00	45.93 1.92 0.00	40.97 1.54 0.00	39.81 1.32 0.00	39.87 1.25 0.00	45.09 1.41 0.00	41.96 1.24 0.00	33.76 0.88 0.00	39.46 1.05 0.00	47.32 1.26 0.00	45.15 0.73 0.00	45.18 0.32 0.00	47.40 0.18 0.00	45.70 -0.46 0.00	48.35 -0.42 0.00	49.98 -0.22 0.00	45.40 -0.10 0.00	47.49 -0.09 0.00	50.72 0.25 0.00	48.14 0.27 0.00	51.33 0.43 0.00	50.23 0.42 0.00	42.41 0.22 0.00	44.63 0.06 0.00
NGRID_A1_DSASP 323792	44.12 -2.33 0.00	41.80 -2.22 0.00	37.01 -2.41 0.00	35.98 -2.51 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.05 -2.67 0.00	27.70 -2.23 2.95	35.68 -2.74 0.00	42.83 -3.24 0.00	41.74 -2.68 0.00	41.19 -3.66 0.00	43.04 -4.12 0.06	41.57 -4.59 0.00	43.82 -4.95 0.00	45.46 -4.75 -0.01	41.09 -4.50 -0.10	41.29 -4.46 1.85	45.94 -4.54 0.00	44.56 -3.30 0.00	47.80 -3.10 0.00	46.12 -3.68 0.00	39.21 -2.96 0.02	42.28 -2.29 0.00
NGRID_A2_DSASP 323793	44.12 -2.33 0.00	41.80 -2.22 0.00	37.01 -2.41 0.00	35.98 -2.51 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.05 -2.67 0.00	27.70 -2.23 2.95	35.68 -2.74 0.00	42.83 -3.24 0.00	41.74 -2.68 0.00	41.19 -3.66 0.00	43.04 -4.12 0.06	41.57 -4.59 0.00	43.82 -4.95 0.00	45.46 -4.75 -0.01	41.09 -4.50 -0.10	41.29 -4.46 1.85	45.94 -4.54 0.00	44.56 -3.30 0.00	47.80 -3.10 0.00	46.12 -3.68 0.00	39.21 -2.96 0.02	42.28 -2.29 0.00
NGRID_A4_DSASP 323807	44.12 -2.33 0.00	41.80 -2.22 0.00	37.01 -2.41 0.00	35.98 -2.51 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.05 -2.67 0.00	27.70 -2.23 2.95	35.68 -2.74 0.00	42.83 -3.24 0.00	41.74 -2.68 0.00	41.19 -3.66 0.00	43.04 -4.12 0.06	41.57 -4.59 0.00	43.82 -4.95 0.00	45.46 -4.75 -0.01	41.09 -4.50 -0.10	41.29 -4.46 1.85	45.94 -4.54 0.00	44.56 -3.30 0.00	47.80 -3.10 0.00	46.12 -3.68 0.00	39.21 -2.96 0.02	42.28 -2.29 0.00
NIAGARA_115E_LBMP 323715	44.27 -2.18 0.00	41.92 -2.10 0.00	37.12 -2.30 0.00	36.08 -2.41 0.00	36.57 -2.05 0.00	41.04 -2.65 0.00	37.94 -2.78 0.00	27.57 -2.31 3.00	35.33 -3.09 0.00	42.43 -3.63 0.00	41.38 -3.04 0.00	40.79 -4.06 0.00	42.83 -4.33 0.06	41.49 -4.66 0.00	43.67 -5.10 0.00	45.58 -4.63 -0.01	41.21 -4.39 -0.10	41.46 -4.26 1.86	46.33 -4.14 0.00	44.97 -2.89 0.00	48.21 -2.69 0.00	46.52 -3.28 0.00	39.43 -2.75 0.02	42.34 -2.23 0.00
NIAGARA_115W_LBMP 323714	44.02 -2.42 0.00	41.72 -2.30 0.00	36.93 -2.48 0.00	35.91 -2.58 0.00	36.57 -2.06 0.00	41.13 -2.55 0.00	37.99 -2.73 0.00	27.66 -2.28 2.94	35.62 -2.80 0.00	42.75 -3.31 0.00	41.68 -2.74 0.00	41.12 -3.74 0.00	42.95 -4.21 0.06	41.49 -4.67 0.00	43.72 -5.04 0.00	45.33 -4.88 -0.01	40.97 -4.63 -0.10	41.17 -4.58 1.84	45.81 -4.66 0.00	44.44 -3.42 0.00	47.65 -3.25 0.00	46.01 -3.79 0.00	39.11 -3.06 0.02	42.19 -2.38 0.00
NIAGARA_230_LBMP 323716	44.38 -2.06 0.00	42.05 -1.96 0.00	37.24 -2.18 0.00	36.23 -2.26 0.00	36.75 -1.88 0.00	41.25 -2.43 0.00	38.15 -2.57 0.00	27.92 -2.15 2.80	35.75 -2.67 0.00	42.91 -3.16 0.00	41.80 -2.62 0.00	41.27 -3.59 0.00	43.26 -3.89 0.06	41.88 -4.27 0.00	44.19 -4.58 0.00	46.02 -4.19 -0.01	41.63 -3.97 -0.10	41.86 -3.93 1.79	46.58 -3.90 0.00	45.14 -2.72 0.00	48.40 -2.50 0.00	46.69 -3.12 0.00	39.55 -2.62 0.02	42.49 -2.08 0.00
NIAGARA___115KV_198_GIBSON 55903	44.02 -2.42 0.00	41.72 -2.29 0.00	36.94 -2.48 0.00	35.91 -2.58 0.00	36.57 -2.06 0.00	41.13 -2.55 0.00	37.99 -2.73 0.00	27.60 -2.34 2.94	35.60 -2.82 0.00	42.75 -3.31 0.00	41.68 -2.74 0.00	41.11 -3.75 0.00	42.95 -4.21 0.06	41.49 -4.67 0.00	43.73 -5.04 0.00	45.33 -4.88 -0.01	40.97 -4.62 -0.10	41.22 -4.53 1.84	45.81 -4.66 0.00	44.48 -3.39 0.00	47.67 -3.23 0.00	46.02 -3.79 0.00	39.12 -3.06 0.02	42.20 -2.37 0.00
NIAGARA____ 23760	44.38 -2.06 0.00	42.05 -1.96 0.00	37.24 -2.18 0.00	36.23 -2.26 0.00	36.75 -1.88 0.00	41.25 -2.43 0.00	38.15 -2.57 0.00	27.88 -2.15 2.84	35.75 -2.67 0.00	42.91 -3.16 0.00	41.80 -2.62 0.00	41.27 -3.59 0.00	43.26 -3.89 0.06	41.89 -4.27 0.00	44.19 -4.58 0.00	46.02 -4.19 -0.01	41.63 -3.97 -0.10	41.85 -3.93 1.81	46.58 -3.90 0.00	45.14 -2.72 0.00	48.40 -2.50 0.00	46.69 -3.12 0.00	39.55 -2.62 0.02	42.49 -2.08 0.00
NINE_MILE_1 23575	44.96 -1.48 0.00	42.79 -1.22 0.00	38.27 -1.15 0.00	37.38 -1.11 0.00	37.55 -1.08 0.00	42.39 -1.30 0.00	39.39 -1.32 0.00	31.76 -1.12 0.00	37.10 -1.32 0.00	44.47 -1.59 0.00	42.98 -1.44 0.00	43.36 -1.50 0.00	45.60 -1.62 0.00	44.60 -1.55 0.00	47.17 -1.60 0.00	48.67 -1.52 0.00	44.09 -1.41 0.00	46.16 -1.43 0.00	49.03 -1.45 0.00	46.54 -1.32 0.00	49.43 -1.47 0.00	48.18 -1.62 0.00	40.80 -1.39 0.00	43.08 -1.49 0.00
NINE_MILE_2 23744	44.96 -1.48 0.00	42.79 -1.22 0.00	38.27 -1.15 0.00	37.38 -1.11 0.00	37.55 -1.08 0.00	42.39 -1.30 0.00	39.40 -1.32 0.00	31.76 -1.12 0.00	37.10 -1.32 0.00	44.47 -1.59 0.00	42.98 -1.44 0.00	43.36 -1.50 0.00	45.61 -1.61 0.00	44.61 -1.55 0.00	47.17 -1.60 0.00	48.68 -1.52 0.00	44.10 -1.40 0.00	46.16 -1.43 0.00	49.03 -1.45 0.00	46.54 -1.32 0.00	49.44 -1.46 0.00	48.19 -1.62 0.00	40.80 -1.39 0.00	43.08 -1.49 0.00
NM_CAPITAL___DRP 24208	46.88 0.43 0.00	44.16 0.15 0.00	39.76 0.34 0.00	38.90 0.41 0.00	38.96 0.34 0.00	44.12 0.43 0.00	41.27 0.55 0.00	33.43 0.55 0.00	39.09 0.67 0.00	46.72 0.65 0.00	45.02 0.60 0.00	45.56 0.71 0.00	47.92 0.70 0.00	47.15 0.99 0.00	50.04 1.28 0.00	51.62 1.41 -0.02	46.98 1.27 -0.21	50.18 1.42 -1.17	51.84 1.37 0.00	49.07 1.21 0.00	51.90 1.00 0.00	50.62 0.81 0.00	43.11 0.92 0.00	45.53 0.96 0.00
NM_CENTRAL___DRP 24181	45.96 -0.49 0.00	43.65 -0.35 0.00	38.98 -0.44 0.00	38.10 -0.39 0.00	38.28 -0.34 0.00	43.22 -0.46 0.00	40.21 -0.51 0.00	32.44 -0.44 0.00	37.90 -0.51 0.00	45.48 -0.59 0.00	43.98 -0.44 0.00	44.41 -0.45 0.00	46.71 -0.51 0.00	45.72 -0.43 0.00	48.38 -0.39 0.00	49.94 -0.26 0.00	45.24 -0.26 0.00	47.35 -0.24 0.00	50.36 -0.12 0.00	47.80 -0.06 0.00	50.71 -0.19 0.00	49.32 -0.49 0.00	41.71 -0.48 0.00	44.00 -0.57 0.00

NM_FRONTIER___DRP 24179	44.02 -2.42 0.00	41.72 -2.29 0.00	36.94 -2.48 0.00	35.91 -2.58 0.00	36.57 -2.06 0.00	41.13 -2.55 0.00	37.99 -2.73 0.00	27.60 -2.34 2.94	35.60 -2.82 0.00	42.75 -3.31 0.00	41.68 -2.74 0.00	41.11 -3.75 0.00	42.95 -4.21 0.06	41.49 -4.67 0.00	43.73 -5.04 0.00	45.33 -4.88 -0.01	40.97 -4.62 -0.10	41.22 -4.53 1.84	45.81 -4.66 0.00	44.48 -3.39 0.00	47.67 -3.23 0.00	46.02 -3.79 0.00	39.12 -3.06 0.02	42.20 -2.37 0.00
NM_ST_REGIS___HYD 24053	48.23 1.78 0.00	45.74 1.73 0.00	40.84 1.42 0.00	39.69 1.20 0.00	39.84 1.22 0.00	45.19 1.50 0.00	42.09 1.37 0.00	33.88 1.00 0.00	39.60 1.18 0.00	47.53 1.46 0.00	45.59 1.17 0.00	45.71 0.85 0.00	48.09 0.88 0.00	46.45 0.30 0.00	48.87 0.10 0.00	50.09 -0.11 0.00	45.65 0.15 0.00	47.58 -0.01 0.00	50.71 0.23 0.00	48.35 0.49 0.00	51.75 0.86 0.00	50.87 1.06 0.00	42.76 0.57 0.00	45.22 0.65 0.00
NORTHPORT___1 23551	47.51 1.07 0.00	44.97 0.96 0.00	40.46 1.04 0.00	39.61 1.12 0.00	39.68 1.05 0.00	44.78 1.10 0.00	42.05 1.34 0.00	34.16 1.28 0.00	39.69 1.27 0.00	47.68 1.61 0.00	46.13 1.71 0.00	46.84 1.99 0.00	46.97 1.67 1.91	46.01 2.12 2.26	26.18 2.44 25.02	-48.62 2.73 101.55	50.88 2.68 -2.70	58.09 2.66 -7.84	52.41 1.93 0.00	49.36 1.50 0.00	52.28 1.38 0.00	49.29 0.95 1.46	28.28 1.29 15.21	37.55 1.35 8.37
NORTHPORT___2 23552	47.51 1.07 0.00	44.97 0.96 0.00	40.46 1.04 0.00	39.61 1.12 0.00	39.68 1.05 0.00	44.78 1.10 0.00	42.05 1.34 0.00	34.16 1.28 0.00	39.69 1.27 0.00	47.68 1.61 0.00	46.13 1.71 0.00	46.84 1.99 0.00	46.97 1.67 1.91	46.01 2.12 2.26	26.18 2.44 25.02	-48.62 2.73 101.55	50.88 2.68 -2.70	58.09 2.66 -7.84	52.41 1.93 0.00	49.36 1.50 0.00	52.28 1.38 0.00	49.29 0.95 1.46	28.28 1.29 15.21	37.55 1.35 8.37
NORTHPORT___3 23553	47.31 0.86 0.00	44.75 0.75 0.00	40.29 0.87 0.00	39.44 0.94 0.00	39.49 0.87 0.00	44.59 0.91 0.00	41.85 1.13 0.00	33.98 1.10 0.00	39.46 1.05 0.00	47.45 1.39 0.00	45.90 1.48 0.01	46.80 1.95 0.01	47.02 1.74 1.93	46.05 2.16 2.26	26.31 2.57 25.02	-48.48 2.87 101.55	50.93 2.72 -2.70	58.22 2.79 -7.84	52.47 1.99 0.00	49.39 1.53 0.00	52.26 1.36 0.00	49.27 0.92 1.45	28.33 1.26 15.12	37.65 1.40 8.32
NORTHPORT___4 23650	47.31 0.86 0.00	44.75 0.75 0.00	40.29 0.87 0.00	39.44 0.94 0.00	39.49 0.87 0.00	44.59 0.91 0.00	41.85 1.13 0.00	33.98 1.10 0.00	39.46 1.05 0.00	47.45 1.39 0.00	45.90 1.48 0.01	46.80 1.95 0.01	47.02 1.74 1.93	46.05 2.16 2.26	26.31 2.57 25.02	-48.48 2.87 101.55	50.93 2.72 -2.70	58.22 2.79 -7.84	52.47 1.99 0.00	49.39 1.53 0.00	52.26 1.36 0.00	49.27 0.92 1.45	28.33 1.26 15.12	37.65 1.40 8.32
NORTHPORT___IC 23718	47.51 1.07 0.00	44.97 0.96 0.00	40.46 1.04 0.00	39.61 1.12 0.00	39.68 1.05 0.00	44.78 1.10 0.00	42.06 1.34 0.00	34.17 1.29 0.00	39.69 1.27 0.00	47.67 1.61 0.00	46.13 1.71 0.00	46.85 1.99 0.00	46.97 1.67 1.91	46.01 2.11 2.26	26.17 2.43 25.02	-48.62 2.74 101.55	50.88 2.68 -2.70	58.09 2.66 -7.84	52.41 1.94 0.00	49.35 1.49 0.00	52.28 1.38 0.00	49.29 0.95 1.46	28.30 1.32 15.21	37.55 1.35 8.37
NORTH___COUNTRY_ESR 323785	47.41 0.97 0.00	44.93 0.92 0.00	40.26 0.84 0.00	39.18 0.68 0.00	39.35 0.73 0.00	44.55 0.86 0.00	41.54 0.82 0.00	33.35 0.47 0.00	39.03 0.61 0.00	46.84 0.77 0.00	45.00 0.58 0.00	45.33 0.47 0.00	47.58 0.36 0.00	46.06 -0.09 0.00	48.53 -0.23 0.00	49.61 -0.59 0.00	45.13 -0.37 0.00	47.41 -0.18 0.00	50.62 0.14 0.00	48.27 0.41 0.00	51.61 0.72 0.00	50.68 0.87 0.00	42.37 0.17 0.00	44.70 0.12 0.00
NPX_GEN_1385_PROXY 323591	47.24 0.79 0.00	44.94 0.93 0.00	40.58 1.16 0.00	39.88 1.39 0.00	40.03 1.41 0.00	44.78 1.10 0.00	42.13 1.41 0.00	34.02 1.14 0.00	39.29 0.87 0.00	47.48 1.42 0.00	46.09 1.67 0.00	46.70 1.84 0.00	46.81 1.50 1.91	44.61 1.86 3.41	25.92 2.18 25.02	-48.63 2.72 101.55	51.09 2.89 -2.70	58.32 2.89 -7.84	52.83 2.36 0.00	51.20 2.31 -1.04	52.69 1.79 0.00	49.55 1.21 1.46	28.14 1.62 15.67	37.73 1.53 8.37
NPX_GEN_CSC 323557	47.31 0.86 0.00	44.68 0.67 0.00	40.10 0.68 0.00	39.20 0.71 0.00	39.24 0.61 0.00	44.27 0.59 0.00	41.56 0.84 0.00	33.89 1.01 0.00	39.50 1.08 0.00	47.49 1.42 0.00	46.10 1.68 0.00	47.09 2.23 0.00	48.88 1.95 0.29	46.93 2.39 1.61	49.65 2.66 1.78	46.89 3.05 6.36	51.21 3.01 -2.70	58.51 3.09 -7.84	52.91 2.43 0.00	50.80 1.90 -1.04	53.20 2.30 0.00	50.08 1.72 1.44	28.62 1.86 15.43	37.60 1.27 8.23
NSINS_S_GLNS_FALLS 23858	48.35 1.90 0.00	45.42 1.41 0.00	40.79 1.37 0.00	39.93 1.44 0.00	40.05 1.42 0.00	45.18 1.50 0.00	42.30 1.58 0.00	34.24 1.36 0.00	39.96 1.54 0.00	47.60 1.54 0.00	45.72 1.30 0.00	46.30 1.45 0.00	48.80 1.59 0.00	48.10 1.95 0.00	51.38 2.62 0.00	52.90 2.68 -0.02	48.36 2.70 -0.17	51.69 3.04 -1.06	53.74 3.26 0.00	50.95 3.09 0.00	53.93 3.03 0.00	52.43 2.63 0.00	44.52 2.33 0.00	47.16 2.59 0.00
NUCOR_STEEL___DRP 24197	46.63 0.19 0.00	44.21 0.20 0.00	39.39 -0.03 0.00	38.53 0.04 0.00	38.58 -0.04 0.00	43.56 -0.13 0.00	40.68 -0.03 0.00	32.68 -0.20 0.00	38.17 -0.25 0.00	45.69 -0.37 0.00	44.14 -0.28 0.00	44.53 -0.32 0.00	46.86 -0.39 -0.03	45.90 -0.26 0.00	48.51 -0.26 0.00	50.15 -0.05 0.00	45.57 0.07 0.00	48.67 0.20 -0.88	51.04 0.56 0.00	48.46 0.59 0.00	51.45 0.55 0.00	50.01 0.21 0.00	42.08 -0.12 -0.01	44.49 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	48.74 2.30 0.00	46.16 2.15 0.00	41.18 1.76 0.00	40.04 1.55 0.00	39.99 1.36 0.00	45.08 1.40 0.00	41.90 1.18 0.00	33.66 0.77 0.00	39.41 0.99 0.00	47.25 1.19 0.00	44.93 0.51 0.00	44.80 -0.06 0.00	46.87 -0.34 0.00	45.21 -0.95 0.00	47.97 -0.80 0.00	50.01 -0.19 0.00	45.41 -0.09 0.00	47.64 0.06 0.00	50.92 0.45 0.00	48.17 0.31 0.00	51.13 0.23 0.00	49.69 -0.11 0.00	42.02 -0.18 0.00	44.06 -0.52 0.00
NYISO_LBMP_REFERENCE 24008	46.44 0.00 0.00	44.01 0.00 0.00	39.42 0.00 0.00	38.49 0.00 0.00	38.62 0.00 0.00	43.68 0.00 0.00	40.72 0.00 0.00	32.88 0.00 0.00	38.42 0.00 0.00	46.06 0.00 0.00	44.42 0.00 0.00	44.85 0.00 0.00	47.21 0.00 0.00	46.15 0.00 0.00	48.77 0.00 0.00	50.20 0.00 0.00	45.50 0.00 0.00	47.59 0.00 0.00	50.47 0.00 0.00	47.86 0.00 0.00	50.90 0.00 0.00	49.80 0.00 0.00	42.19 0.00 0.00	44.57 0.00 0.00
NYPA_BRENTWD____GT 24164	48.15 1.70 0.00	45.49 1.48 0.00	40.86 1.44 0.00	39.99 1.49 0.00	40.04 1.42 0.00	45.21 1.53 0.00	42.50 1.79 0.00	34.57 1.69 0.00	40.25 1.83 0.00	48.42 2.36 0.00	46.97 2.55 0.00	47.80 2.95 0.00	49.65 2.72 0.28	48.80 3.14 0.49	50.06 3.52 2.23	45.92 3.92 8.20	51.94 3.74 -2.70	59.08 3.65 -7.84	53.48 3.00 0.00	50.39 2.53 0.00	53.57 2.68 0.00	50.53 2.14 1.41	29.75 2.22 14.66	38.66 2.16 8.07

NYPA_GOWANUS____GT5 24156	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.22 3.74 0.00	50.98 3.11 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NYPA_GOWANUS____GT6 24157	48.32 1.88 0.00	45.52 1.50 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.92 0.00	43.01 2.29 0.00	35.00 2.12 0.00	40.97 2.55 0.00	49.14 3.08 0.00	47.77 3.35 0.00	48.60 3.75 0.00	50.87 3.65 0.00	50.34 4.18 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.22 3.74 0.00	50.98 3.11 0.00	53.93 3.03 0.00	52.59 2.79 0.00	45.16 2.97 0.00	47.55 2.98 0.00
NYPA_HARLEM__RVR__GT1 24160	48.12 1.68 0.00	45.37 1.36 0.00	40.70 1.28 0.00	39.87 1.38 0.00	39.99 1.36 0.00	45.43 1.75 0.00	42.83 2.12 0.00	34.83 1.95 0.00	40.73 2.31 0.00	48.90 2.84 0.00	47.54 3.12 0.00	48.36 3.51 0.00	50.75 3.53 0.00	50.18 4.02 0.00	53.26 4.49 0.00	55.28 4.81 -0.27	52.40 4.20 -2.70	59.42 3.97 -7.86	54.02 3.54 0.00	50.89 3.02 0.00	53.77 2.87 0.00	52.55 2.74 0.00	45.04 2.85 0.00	47.32 2.75 0.00
NYPA_HARLEM__RVR__GT2 24161	48.12 1.68 0.00	45.37 1.36 0.00	40.70 1.28 0.00	39.87 1.38 0.00	39.99 1.36 0.00	45.43 1.75 0.00	42.83 2.12 0.00	34.83 1.95 0.00	40.73 2.31 0.00	48.90 2.84 0.00	47.54 3.12 0.00	48.36 3.51 0.00	50.75 3.53 0.00	50.18 4.02 0.00	53.26 4.49 0.00	55.28 4.81 -0.27	52.40 4.20 -2.70	59.42 3.97 -7.86	54.02 3.54 0.00	50.89 3.02 0.00	53.77 2.87 0.00	52.55 2.74 0.00	45.04 2.85 0.00	47.32 2.75 0.00
NYPA_KENT____GT 24152	48.24 1.79 0.00	45.43 1.42 0.00	40.77 1.35 0.00	39.96 1.47 0.00	40.04 1.42 0.00	45.52 1.84 0.00	42.92 2.20 0.00	34.93 2.06 0.00	40.90 2.48 0.00	49.08 3.02 0.00	47.69 3.27 0.00	48.53 3.67 0.00	50.79 3.58 0.00	50.24 4.08 0.00	53.33 4.56 0.00	55.27 4.80 -0.27	52.40 4.20 -2.70	59.51 4.05 -7.86	54.09 3.62 0.00	50.88 3.02 0.00	53.81 2.91 0.00	52.51 2.70 0.00	45.07 2.88 0.00	47.44 2.87 0.00
NYPA_POUCH1____GT 24155	48.24 1.80 0.00	45.42 1.41 0.00	40.84 1.42 0.00	40.02 1.53 0.00	40.09 1.47 0.00	45.58 1.90 0.00	42.96 2.24 0.00	34.94 2.06 0.00	40.87 2.45 0.00	48.95 2.89 0.00	47.58 3.16 0.00	48.39 3.54 0.00	50.64 3.43 0.00	50.15 4.00 0.00	52.19 4.49 1.06	54.97 4.72 -0.05	52.29 4.09 -2.70	52.59 3.95 -1.06	52.80 3.54 1.21	50.85 2.99 0.00	53.81 2.91 0.00	52.46 2.65 0.00	45.10 2.91 0.00	47.52 2.94 0.00
NYPA_VERNON____GT2 24162	48.15 1.70 0.00	45.36 1.34 0.00	40.69 1.27 0.00	39.88 1.39 0.00	39.97 1.34 0.00	45.43 1.74 0.00	42.84 2.12 0.00	34.87 1.99 0.00	40.84 2.42 0.00	49.02 2.95 0.00	47.61 3.19 0.00	48.45 3.60 0.00	50.74 3.53 0.00	50.14 3.98 0.00	53.21 4.44 0.00	55.13 4.66 -0.27	52.30 4.09 -2.70	59.44 3.98 -7.86	54.00 3.52 0.00	50.82 2.95 0.00	53.72 2.82 0.00	52.43 2.62 0.00	44.97 2.78 0.00	47.34 2.77 0.00
NYPA_VERNON____GT3 24163	48.15 1.70 0.00	45.36 1.34 0.00	40.69 1.27 0.00	39.88 1.39 0.00	39.97 1.34 0.00	45.43 1.74 0.00	42.84 2.12 0.00	34.87 1.99 0.00	40.84 2.42 0.00	49.02 2.95 0.00	47.61 3.19 0.00	48.45 3.60 0.00	50.74 3.53 0.00	50.14 3.98 0.00	53.21 4.44 0.00	55.13 4.66 -0.27	52.30 4.09 -2.70	59.44 3.98 -7.86	54.00 3.52 0.00	50.82 2.95 0.00	53.72 2.82 0.00	52.43 2.62 0.00	44.97 2.78 0.00	47.34 2.77 0.00
NYPA____ASTORIA_CC1 323568	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.89 1.27 0.00	45.35 1.67 0.00	42.76 2.04 0.00	34.80 1.93 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.85 0.00	53.09 4.32 0.00	54.99 4.52 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.58 2.68 0.00	52.30 2.50 0.00	44.89 2.69 0.00	47.26 2.69 0.00
NYPA____ASTORIA_CC2 323569	48.07 1.62 0.00	45.28 1.27 0.00	40.62 1.20 0.00	39.81 1.32 0.00	39.89 1.27 0.00	45.35 1.67 0.00	42.76 2.04 0.00	34.80 1.93 0.00	40.77 2.35 0.00	48.92 2.86 0.00	47.52 3.11 0.00	48.35 3.50 0.00	50.61 3.39 0.00	50.01 3.85 0.00	53.09 4.32 0.00	54.99 4.52 -0.27	52.19 3.99 -2.70	59.33 3.88 -7.86	53.87 3.40 0.00	50.71 2.85 0.00	53.58 2.68 0.00	52.30 2.50 0.00	44.89 2.69 0.00	47.26 2.69 0.00
NYPA____HOLTSVILL 23794	47.68 1.23 0.00	45.04 1.03 0.00	40.46 1.04 0.00	39.57 1.08 0.00	39.63 1.00 0.00	44.73 1.05 0.00	42.01 1.29 0.00	34.20 1.32 0.00	39.84 1.42 0.00	47.89 1.82 0.00	46.47 2.05 0.00	47.36 2.51 0.00	49.16 2.24 0.29	48.39 2.69 0.45	50.05 2.99 1.70	47.49 3.32 6.02	51.38 3.18 -2.70	58.65 3.22 -7.84	53.02 2.54 0.00	49.90 2.04 0.00	52.98 2.08 0.00	49.96 1.60 1.44	29.03 1.82 14.99	37.97 1.65 8.25
NYPA____HELLGATE_GT1 24158	48.12 1.67 0.00	45.37 1.35 0.00	40.70 1.28 0.00	39.87 1.38 0.00	39.99 1.36 0.00	45.43 1.75 0.00	42.83 2.12 0.00	34.83 1.95 0.00	40.73 2.31 0.00	48.90 2.84 0.00	47.54 3.12 0.00	48.36 3.51 0.00	50.75 3.53 0.00	50.18 4.02 0.00	53.26 4.49 0.00	55.28 4.81 -0.27	52.40 4.20 -2.70	59.42 3.97 -7.86	54.02 3.54 0.00	50.89 3.02 0.00	53.77 2.87 0.00	52.55 2.74 0.00	45.04 2.85 0.00	47.32 2.75 0.00
NYPA____HELLGATE_GT2 24159	48.12 1.67 0.00	45.37 1.35 0.00	40.70 1.28 0.00	39.87 1.38 0.00	39.99 1.36 0.00	45.43 1.75 0.00	42.83 2.12 0.00	34.83 1.95 0.00	40.73 2.31 0.00	48.90 2.84 0.00	47.54 3.12 0.00	48.36 3.51 0.00	50.75 3.53 0.00	50.18 4.02 0.00	53.26 4.49 0.00	55.28 4.81 -0.27	52.40 4.20 -2.70	59.42 3.97 -7.86	54.02 3.54 0.00	50.89 3.02 0.00	53.77 2.87 0.00	52.55 2.74 0.00	45.04 2.85 0.00	47.32 2.75 0.00
NYS_BARGE____HYD 23848	44.91 -1.54 0.00	42.48 -1.53 0.00	37.60 -1.82 0.00	36.57 -1.92 0.00	37.07 -1.56 0.00	41.62 -2.07 0.00	38.49 -2.23 0.00	28.14 -1.85 2.89	35.92 -2.50 0.00	43.19 -2.87 0.00	42.12 -2.29 0.00	41.55 -3.30 0.00	43.61 -3.55 0.06	42.25 -3.90 0.00	44.48 -4.28 0.00	46.38 -3.83 -0.01	41.97 -3.62 -0.09	42.30 -3.49 1.80	47.11 -3.37 0.00	45.64 -2.22 0.00	48.91 -1.99 0.00	47.18 -2.62 0.00	39.96 -2.21 0.02	42.87 -1.70 0.00
OAK ORCHARD____HYD 24046	46.04 -0.40 0.00	43.63 -0.38 0.00	38.77 -0.65 0.00	37.79 -0.70 0.00	38.16 -0.47 0.00	42.98 -0.71 0.00	39.89 -0.83 0.00	32.16 -0.72 0.00	37.52 -0.90 0.00	45.14 -0.92 0.00	43.92 -0.50 0.00	43.78 -1.08 0.00	46.00 -1.18 0.04	44.79 -1.36 0.00	47.32 -1.45 0.00	49.14 -1.06 0.00	44.50 -1.00 0.00	45.39 -0.94 1.26	49.66 -0.82 0.00	47.55 -0.31 0.00	50.69 -0.21 0.00	49.01 -0.79 0.00	41.39 -0.79 0.01	44.01 -0.56 0.00

OAKDALE___35_KV_LOAD 356122	46.43 -0.01 0.00	43.90 -0.11 0.00	39.05 -0.37 0.00	38.31 -0.18 0.00	38.57 -0.06 0.00	43.51 -0.17 0.00	40.65 -0.07 0.00	32.81 -0.07 0.00	38.31 -0.11 0.00	45.89 -0.17 0.00	44.34 -0.08 0.00	44.74 -0.11 0.00	46.94 -0.24 0.05	46.06 -0.09 0.00	48.79 0.02 0.00	50.27 0.05 -0.02	45.64 -0.06 -0.20	45.05 -0.07 2.47	50.67 0.19 0.00	48.06 0.19 0.00	51.09 0.19 0.00	49.63 -0.17 0.00	42.00 -0.18 0.01	44.44 -0.13 0.00
OCC_CHEM___DRP 24175	44.12 -2.33 0.00	41.80 -2.21 0.00	37.01 -2.41 0.00	35.99 -2.50 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.04 -2.68 0.00	27.63 -2.29 2.95	35.66 -2.76 0.00	42.82 -3.24 0.00	41.73 -2.68 0.00	41.19 -3.67 0.00	43.04 -4.11 0.06	41.57 -4.59 0.00	43.82 -4.94 0.00	45.45 -4.76 -0.01	41.09 -4.51 -0.10	41.33 -4.41 1.85	45.93 -4.54 0.00	44.59 -3.27 0.00	47.82 -3.08 0.00	46.13 -3.67 0.00	39.22 -2.96 0.02	42.29 -2.28 0.00
OH_GEN_PROXY 24063	44.42 -2.02 0.00	42.09 -1.92 0.00	37.28 -2.14 0.00	36.28 -2.21 0.00	36.80 -1.82 0.00	41.31 -2.37 0.00	38.23 -2.49 0.00	28.27 -2.09 2.52	35.84 -2.58 0.00	43.01 -3.06 0.00	41.88 -2.53 0.00	41.37 -3.49 0.00	43.36 -3.80 0.06	40.84 -4.16 1.15	44.32 -4.45 0.00	46.15 -4.06 -0.01	41.75 -3.85 -0.10	41.98 -3.82 1.79	46.72 -3.75 0.00	46.27 -2.62 -1.04	48.51 -2.38 0.00	46.78 -3.02 0.00	39.15 -2.56 0.48	42.54 -2.03 0.00
OLIN_CORP_DRP 24177	44.33 -2.11 0.00	42.00 -2.02 0.00	37.17 -2.25 0.00	36.14 -2.35 0.00	36.63 -2.00 0.00	41.11 -2.58 0.00	38.00 -2.72 0.00	27.53 -2.32 3.03	35.40 -3.02 0.00	42.54 -3.52 0.00	41.47 -2.95 0.00	40.90 -3.96 0.00	42.97 -4.18 0.06	41.61 -4.55 0.00	43.80 -4.96 0.00	45.69 -4.52 -0.01	41.33 -4.26 -0.10	41.58 -4.12 1.88	46.44 -4.03 0.00	45.09 -2.78 0.00	48.33 -2.56 0.00	46.62 -3.19 0.00	39.50 -2.67 0.02	42.43 -2.14 0.00
OLIN_CORP_DSASP 323712	44.12 -2.33 0.00	41.80 -2.22 0.00	37.01 -2.41 0.00	35.98 -2.51 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.05 -2.67 0.00	27.70 -2.23 2.95	35.68 -2.74 0.00	42.83 -3.24 0.00	41.74 -2.68 0.00	41.19 -3.66 0.00	43.04 -4.12 0.06	41.57 -4.59 0.00	43.82 -4.95 0.00	45.46 -4.75 -0.01	41.09 -4.50 -0.10	41.29 -4.46 1.85	45.94 -4.54 0.00	44.56 -3.30 0.00	47.80 -3.10 0.00	46.12 -3.68 0.00	39.21 -2.96 0.02	42.28 -2.29 0.00
ONEIDA_HERK_LFGE 323681	48.10 1.66 0.00	45.53 1.52 0.00	40.67 1.25 0.00	39.65 1.16 0.00	39.72 1.10 0.00	44.88 1.20 0.00	41.77 1.06 0.00	33.67 0.79 0.00	39.39 0.97 0.00	47.21 1.14 0.00	45.31 0.89 0.00	45.52 0.67 0.00	47.79 0.58 0.00	46.56 0.40 0.00	49.28 0.51 0.00	51.01 0.81 0.00	46.36 0.86 0.00	48.53 0.94 0.00	51.69 1.22 0.00	49.09 1.22 0.00	52.08 1.18 0.00	50.66 0.86 0.00	42.83 0.64 0.00	45.06 0.49 0.00
ONEIDA___115KV_TB4 55905	47.90 1.46 0.00	45.36 1.35 0.00	40.47 1.06 0.00	39.53 1.04 0.00	39.68 1.05 0.00	44.87 1.18 0.00	41.78 1.06 0.00	33.71 0.83 0.00	39.36 0.94 0.00	47.14 1.08 0.00	45.54 1.13 0.00	45.85 1.00 0.00	48.27 1.06 0.00	47.33 1.18 0.00	50.01 1.24 0.00	51.62 1.42 0.00	46.92 1.43 0.00	49.09 1.51 0.00	52.17 1.70 0.00	49.77 1.91 0.00	52.84 1.94 0.00	51.33 1.52 0.00	43.34 1.15 0.00	45.66 1.09 0.00
ONONDAGA_REF_OCCRA 23987	46.28 -0.16 0.00	43.92 -0.09 0.00	39.20 -0.22 0.00	38.32 -0.17 0.00	38.51 -0.11 0.00	43.49 -0.20 0.00	40.48 -0.24 0.00	32.66 -0.22 0.00	38.16 -0.26 0.00	45.75 -0.31 0.00	44.24 -0.18 0.00	44.68 -0.18 0.00	47.04 -0.20 -0.02	46.05 -0.10 0.00	48.71 -0.06 0.00	50.25 0.05 0.00	45.53 0.03 0.00	48.28 0.06 -0.64	50.73 0.25 0.00	48.18 0.32 0.00	51.10 0.20 0.00	49.67 -0.13 0.00	42.01 -0.19 -0.01	44.31 -0.26 0.00
ONONDAGA___COGEN 23986	46.18 -0.26 0.00	43.86 -0.15 0.00	39.16 -0.27 0.00	38.27 -0.22 0.00	38.44 -0.19 0.00	43.41 -0.28 0.00	40.39 -0.32 0.00	32.58 -0.30 0.00	38.06 -0.36 0.00	45.64 -0.43 0.00	44.14 -0.28 0.00	44.54 -0.31 0.00	46.88 -0.34 0.00	45.92 -0.23 0.00	48.58 -0.19 0.00	50.15 -0.05 0.00	45.44 -0.06 0.00	47.57 -0.02 0.00	50.63 0.15 0.00	48.05 0.19 0.00	50.97 0.06 0.00	49.57 -0.23 0.00	41.89 -0.30 0.00	44.21 -0.36 0.00
ONTARIO___LFGE 23819	46.61 0.17 0.00	44.02 0.00 0.00	38.98 -0.43 0.00	38.15 -0.35 0.00	38.46 -0.16 0.00	43.41 -0.27 0.00	40.50 -0.22 0.00	34.53 -0.24 -1.90	38.32 -0.10 0.00	45.85 -0.22 0.00	44.40 -0.02 0.00	44.46 -0.40 0.00	46.54 -0.58 0.10	45.64 -0.52 0.00	48.23 -0.54 0.00	49.88 -0.33 -0.01	45.31 -0.28 -0.09	44.70 -0.07 2.82	51.05 0.57 0.00	48.37 0.51 0.00	51.37 0.47 0.00	49.74 -0.06 0.00	41.89 -0.28 0.03	44.36 -0.21 0.00
ORANGEVILLE_WT_PWR 323706	44.86 -1.59 0.00	42.07 -1.94 0.00	36.98 -2.44 0.00	36.16 -2.34 0.00	36.54 -2.09 0.00	41.23 -2.45 0.00	38.17 -2.55 0.00	16.08 -2.16 14.64	28.54 -2.92 6.96	43.15 -2.91 0.00	41.78 -2.64 0.00	41.40 -3.45 0.00	43.33 -3.79 0.09	42.29 -3.87 0.00	44.50 -4.27 0.00	46.16 -4.05 -0.01	42.08 -3.54 -0.12	41.29 -3.54 2.76	46.83 -3.65 0.00	44.87 -2.99 0.00	47.93 -2.96 0.00	46.37 -3.44 0.00	39.18 -2.98 0.03	42.02 -2.55 0.00
ORANGEVILLE___ESR 323794	44.86 -1.59 0.00	42.07 -1.94 0.00	36.98 -2.44 0.00	36.16 -2.34 0.00	36.54 -2.09 0.00	41.23 -2.45 0.00	38.17 -2.55 0.00	16.08 -2.16 14.64	28.54 -2.92 6.96	43.15 -2.91 0.00	41.78 -2.64 0.00	41.40 -3.45 0.00	43.33 -3.79 0.09	42.29 -3.87 0.00	44.50 -4.27 0.00	46.16 -4.05 -0.01	42.08 -3.54 -0.12	41.29 -3.54 2.76	46.83 -3.65 0.00	44.87 -2.99 0.00	47.93 -2.96 0.00	46.37 -3.44 0.00	39.18 -2.98 0.03	42.02 -2.55 0.00
OSWEGATCHIE___HYD 24044	48.46 2.01 0.00	45.93 1.92 0.00	40.97 1.54 0.00	39.81 1.32 0.00	39.87 1.25 0.00	45.09 1.41 0.00	41.96 1.24 0.00	33.76 0.88 0.00	39.46 1.05 0.00	47.32 1.26 0.00	45.15 0.73 0.00	45.18 0.32 0.00	47.40 0.18 0.00	45.70 -0.46 0.00	48.35 -0.42 0.00	49.98 -0.22 0.00	45.40 -0.10 0.00	47.49 -0.09 0.25	50.72 0.27 0.00	48.14 0.27 0.00	51.33 0.43 0.00	50.22 0.42 0.00	42.41 0.22 0.00	44.63 0.06 0.00
OSWEGO___5 23606	45.32 -1.13 0.00	43.10 -0.91 0.00	38.53 -0.89 0.00	37.64 -0.85 0.00	37.81 -0.82 0.00	42.68 -1.00 0.00	39.69 -1.03 0.00	32.01 -0.87 0.00	37.40 -1.02 0.00	44.82 -1.24 0.00	43.32 -1.10 0.00	43.68 -1.18 0.00	45.95 -1.26 0.00	44.93 -1.22 0.00	47.53 -1.24 0.00	49.03 -1.17 0.00	44.42 -1.08 0.00	46.50 -1.09 0.00	49.41 -1.06 0.00	46.92 -0.95 0.00	49.82 -1.08 0.00	48.54 -1.26 0.00	41.11 -1.08 0.00	43.41 -1.15 0.00
OSWEGO___6 23613	45.32 -1.13 0.00	43.10 -0.91 0.00	38.53 -0.89 0.00	37.64 -0.85 0.00	37.81 -0.82 0.00	42.68 -1.00 0.00	39.69 -1.03 0.00	32.01 -0.87 0.00	37.40 -1.02 0.00	44.82 -1.24 0.00	43.32 -1.10 0.00	43.68 -1.18 0.00	45.95 -1.26 0.00	44.93 -1.22 0.00	47.53 -1.24 0.00	49.03 -1.17 0.00	44.42 -1.08 0.00	46.50 -1.09 0.00	49.41 -1.06 0.00	46.92 -0.95 0.00	49.82 -1.08 0.00	48.54 -1.26 0.00	41.11 -1.08 0.00	43.41 -1.15 0.00

OUTOKUMPU-AB___DRP 24206	45.16 -1.29 0.00	42.69 -1.32 0.00	37.74 -1.68 0.00	36.70 -1.80 0.00	37.26 -1.37 0.00	41.88 -1.80 0.00	38.76 -1.96 0.00	27.99 -1.71 3.18	36.29 -2.14 0.00	43.64 -2.42 0.00	42.56 -1.86 0.00	42.03 -2.82 0.00	44.04 -3.11 0.07	42.64 -3.51 0.00	44.92 -3.84 0.00	46.73 -3.48 -0.01	42.22 -3.37 -0.10	42.41 -3.25 1.92	47.23 -3.25 0.00	45.76 -2.11 0.00	49.00 -1.90 0.00	47.27 -2.54 0.00	40.08 -2.09 0.02	43.06 -1.51 0.00
OXBOW___BTM 323836	44.64 -1.80 0.00	42.25 -1.76 0.00	37.37 -2.05 0.00	36.34 -2.16 0.00	36.94 -1.68 0.00	41.53 -2.16 0.00	38.40 -2.32 0.00	27.87 -1.94 3.07	36.00 -2.42 0.00	43.26 -2.81 0.00	42.19 -2.24 0.00	41.64 -3.22 0.00	43.57 -3.58 0.06	42.14 -4.02 0.00	44.40 -4.37 0.00	46.13 -4.08 -0.01	41.68 -3.91 -0.10	41.85 -3.86 1.88	46.60 -3.87 0.00	45.16 -2.70 0.00	48.40 -2.50 0.00	46.70 -3.10 0.00	39.65 -2.53 0.02	42.66 -1.92 0.00
OXBOW___ 24026	44.64 -1.80 0.00	42.26 -1.75 0.00	37.38 -2.04 0.00	36.34 -2.16 0.00	36.94 -1.68 0.00	41.53 -2.16 0.00	38.40 -2.32 0.00	27.81 -2.00 3.07	35.98 -2.44 0.00	43.25 -2.81 0.00	42.18 -2.24 0.00	41.64 -3.22 0.00	43.57 -3.58 0.06	42.14 -4.01 0.00	44.40 -4.37 0.00	46.13 -4.08 -0.01	41.68 -3.92 -0.10	41.90 -3.80 1.88	46.61 -3.86 0.00	45.19 -2.67 0.00	48.42 -2.48 0.00	46.71 -3.10 0.00	39.65 -2.53 0.02	42.67 -1.90 0.00
OXY_CHEM_DSASP 323612	44.12 -2.33 0.00	41.80 -2.21 0.00	37.01 -2.41 0.00	35.99 -2.50 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.04 -2.68 0.00	27.63 -2.29 2.95	35.66 -2.76 0.00	42.82 -3.24 0.00	41.73 -2.68 0.00	41.19 -3.67 0.00	43.04 -4.11 0.06	41.57 -4.59 0.00	43.82 -4.94 0.00	45.45 -4.76 -0.01	41.09 -4.51 -0.10	41.33 -4.41 1.85	45.93 -4.54 0.00	44.59 -3.27 0.00	47.82 -3.08 0.00	46.13 -3.67 0.00	39.22 -2.96 0.02	42.29 -2.28 0.00
OZONE_PARK_ESR 323760	48.63 2.18 0.00	45.74 1.73 0.00	41.01 1.59 0.00	40.18 1.69 0.00	40.28 1.66 0.00	45.79 2.11 0.00	43.17 2.45 0.00	35.18 2.30 0.00	41.21 2.79 0.00	49.49 3.42 0.00	48.05 3.64 0.00	48.93 4.08 0.00	51.26 4.05 0.00	50.67 4.52 0.00	53.82 5.06 0.00	55.82 5.35 -0.27	52.93 4.73 -2.70	60.19 4.73 -7.87	54.80 4.32 0.00	51.55 3.69 0.00	54.45 3.56 0.00	53.10 3.29 0.00	45.47 3.27 0.00	47.84 3.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	44.12 -2.33 0.00	41.80 -2.21 0.00	37.01 -2.41 0.00	35.99 -2.50 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.04 -2.68 0.00	27.63 -2.29 2.95	35.66 -2.76 0.00	42.82 -3.24 0.00	41.73 -2.68 0.00	41.19 -3.67 0.00	43.04 -4.11 0.06	41.57 -4.59 0.00	43.82 -4.94 0.00	45.45 -4.76 -0.01	41.09 -4.51 -0.10	41.33 -4.41 1.85	45.93 -4.54 0.00	44.59 -3.27 0.00	47.82 -3.08 0.00	46.13 -3.67 0.00	39.22 -2.96 0.02	42.29 -2.28 0.00
PACKARD___115KV_DUPONT_184 80571	44.12 -2.33 0.00	41.80 -2.21 0.00	37.01 -2.41 0.00	35.99 -2.50 0.00	36.63 -1.99 0.00	41.18 -2.51 0.00	38.04 -2.68 0.00	27.63 -2.29 2.95	35.66 -2.76 0.00	42.82 -3.24 0.00	41.73 -2.68 0.00	41.19 -3.67 0.00	43.04 -4.11 0.06	41.57 -4.59 0.00	43.82 -4.94 0.00	45.45 -4.76 -0.01	41.09 -4.51 -0.10	41.33 -4.41 1.85	45.93 -4.54 0.00	44.59 -3.27 0.00	47.82 -3.08 0.00	46.13 -3.67 0.00	39.22 -2.96 0.02	42.29 -2.28 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	48.16 1.72 0.00	45.38 1.37 0.00	40.70 1.28 0.00	39.88 1.39 0.00	39.99 1.36 0.00	45.44 1.76 0.00	42.83 2.11 0.00	34.85 1.97 0.00	40.76 2.34 0.00	48.93 2.87 0.00	47.54 3.12 0.00	48.36 3.50 0.00	50.72 3.50 0.00	50.09 3.93 0.00	53.16 4.39 0.00	55.15 4.68 -0.27	52.34 4.14 -2.70	59.44 3.99 -7.86	54.04 3.57 0.00	50.89 3.02 0.00	53.77 2.87 0.00	52.53 2.72 0.00	44.99 2.80 0.00	47.28 2.70 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.36 2.92 0.00	46.57 2.56 0.00	41.74 2.32 0.00	40.92 2.43 0.00	41.07 2.45 0.00	46.70 3.01 0.00	44.05 3.33 0.00	35.85 2.96 0.00	41.88 3.46 0.00	50.34 4.27 0.00	48.89 4.48 0.00	49.70 4.85 0.00	52.21 4.99 0.00	51.41 5.25 0.00	54.49 5.72 0.00	56.60 6.13 -0.27	53.61 5.41 -2.70	60.66 5.21 -7.86	55.39 4.91 0.00	52.14 4.27 0.00	55.17 4.27 0.00	53.94 4.14 0.00	46.17 3.98 0.00	48.45 3.88 0.00
PATROON___115KV_TB1 80586	46.98 0.53 0.00	44.26 0.25 0.00	39.83 0.40 0.00	38.98 0.48 0.00	39.04 0.41 0.00	44.21 0.52 0.00	41.35 0.63 0.00	33.50 0.63 0.00	39.17 0.75 0.00	46.83 0.77 0.00	45.15 0.74 0.00	45.71 0.85 0.00	48.10 0.88 0.00	47.31 1.16 0.00	50.22 1.46 0.00	51.82 1.60 -0.02	47.12 1.43 -0.18	50.28 1.58 -1.12	52.03 1.56 0.00	49.27 1.41 0.00	52.09 1.19 0.00	50.78 0.98 0.00	43.21 1.01 0.00	45.61 1.04 0.00
PATTRSNVILLE___SOLAR 323815	47.84 1.40 0.00	45.20 1.18 0.00	40.54 1.12 0.00	39.63 1.14 0.00	39.73 1.11 0.00	44.97 1.28 0.00	41.96 1.24 0.00	33.84 0.96 0.00	39.23 0.82 0.00	46.75 0.69 0.00	45.12 0.71 0.00	45.77 0.92 0.00	48.12 0.90 0.00	47.33 1.18 0.00	50.05 1.28 0.00	51.65 1.45 -0.01	47.21 1.60 -0.11	50.02 1.55 -0.88	52.41 1.94 0.00	49.93 2.06 0.00	52.94 2.05 0.00	51.65 1.85 0.00	43.85 1.66 0.00	46.25 1.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	45.27 -1.18 0.00	42.73 -1.29 0.00	37.75 -1.67 0.00	36.86 -1.63 0.00	37.34 -1.29 0.00	41.99 -1.70 0.00	38.94 -1.78 0.00	28.14 -1.54 3.21	36.47 -1.95 0.00	43.86 -2.20 0.00	42.62 -1.80 0.00	42.13 -2.72 0.00	44.17 -2.97 0.07	42.85 -3.31 0.00	45.22 -3.55 0.00	46.98 -3.23 -0.01	42.44 -3.17 -0.11	42.28 -3.10 2.21	47.43 -3.05 0.00	45.76 -2.10 0.00	49.01 -1.88 0.00	47.23 -2.58 0.00	39.97 -2.20 0.02	42.81 -1.76 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	48.40 1.96 0.00	45.54 1.53 0.00	40.84 1.42 0.00	40.00 1.51 0.00	40.08 1.46 0.00	45.52 1.83 0.00	42.82 2.10 0.00	34.84 1.96 0.00	40.80 2.38 0.00	48.98 2.91 0.00	47.51 3.09 0.00	48.36 3.50 0.00	50.80 3.58 0.00	50.23 4.07 0.00	53.37 4.60 0.00	55.36 4.90 -0.27	52.57 4.38 -2.70	55.28 4.42 -3.27	54.65 4.17 0.00	51.49 3.63 0.00	54.39 3.49 0.00	52.93 3.12 0.00	45.16 2.97 0.00	47.50 2.93 0.00
PEEKSKILL___ 23653	47.96 1.51 0.00	45.16 1.15 0.00	40.51 1.09 0.00	39.69 1.20 0.00	39.78 1.16 0.00	45.17 1.48 0.00	42.51 1.79 0.00	34.54 1.66 0.00	40.41 1.99 0.00	48.46 2.40 0.00	46.98 2.56 0.00	47.82 2.96 0.00	50.17 2.95 0.00	49.56 3.40 0.00	52.59 3.83 0.00	54.54 4.07 -0.27	51.78 3.61 -2.67	59.67 3.61 -8.47	53.67 3.20 0.00	50.57 2.71 0.00	53.48 2.58 0.00	52.11 2.31 0.00	44.58 2.39 0.00	46.95 2.38 0.00
PGE MADISON___WINDPWR 24146	50.07 3.62 0.00	47.15 3.14 0.00	41.64 2.22 0.00	40.77 2.28 0.00	41.08 2.46 0.00	46.32 2.64 0.00	43.17 2.45 0.00	35.73 2.17 -0.68	40.71 2.29 0.00	48.27 2.20 0.00	46.45 2.03 0.00	46.29 1.44 0.00	48.85 1.52 -0.12	47.83 1.68 0.00	50.92 2.15 0.00	52.50 2.28 -0.02	47.84 2.14 -0.20	51.98 2.10 -2.29	53.74 3.27 0.00	51.82 3.96 0.00	54.67 3.77 0.00	53.54 3.74 0.00	44.19 1.97 -0.03	46.56 1.99 0.00

PIERCEFIELD___HYD 23852	48.20 1.76 0.00	45.72 1.71 0.00	40.79 1.38 0.00	39.64 1.15 0.00	39.79 1.16 0.00	45.13 1.45 0.00	42.04 1.32 0.00	33.85 0.98 0.00	39.55 1.14 0.00	47.47 1.41 0.00	45.50 1.09 0.00	45.61 0.75 0.00	48.01 0.79 0.00	46.36 0.21 0.00	48.80 0.03 0.00	50.05 -0.15 0.00	45.60 0.10 0.00	47.39 -0.20 0.00	50.52 0.05 0.00	48.08 0.22 0.00	51.48 0.58 0.00	50.62 0.82 0.00	42.67 0.48 0.00	45.14 0.57 0.00
PINELAWN_CC_1 323563	48.06 1.61 0.00	45.38 1.37 0.00	40.74 1.32 0.00	39.86 1.37 0.00	39.90 1.28 0.00	45.12 1.44 0.00	42.41 1.69 0.00	34.53 1.65 0.00	40.23 1.81 0.00	48.39 2.33 0.00	46.69 2.27 0.00	47.41 2.56 0.00	49.23 2.26 0.25	48.38 2.57 0.35	50.32 2.97 1.41	48.56 3.33 4.96	51.38 3.18 -2.70	58.67 3.24 -7.84	52.93 2.46 0.00	49.89 2.03 0.00	53.25 2.35 0.00	50.72 2.18 1.26	31.09 2.04 13.14	39.54 2.20 7.23
PJM_GEN_HTTP_PROXY 323702	48.10 1.65 0.00	44.46 1.25 0.80	40.60 1.18 0.00	39.79 1.30 0.00	39.89 1.27 0.00	45.34 1.65 0.00	42.73 2.01 0.00	34.76 1.88 0.00	40.73 2.31 0.00	47.72 2.81 1.15	47.43 3.01 0.00	48.29 3.43 0.00	54.66 3.36 -4.09	49.31 3.84 0.69	53.10 4.33 0.00	54.78 4.56 -0.01	52.22 4.02 -2.70	59.46 3.99 -7.88	54.02 3.54 0.00	50.53 2.96 0.29	54.97 2.81 -1.27	53.00 2.57 -0.63	44.85 2.66 0.00	47.22 2.65 0.00
PJM_GEN_KEystone 24065	46.37 -0.07 0.00	42.99 -0.22 0.80	39.01 -0.41 0.00	38.30 -0.19 0.00	38.58 -0.04 0.00	43.63 -0.05 0.00	40.90 0.18 0.00	32.55 0.21 0.55	38.63 0.20 0.00	45.14 0.22 1.15	44.86 0.45 0.00	45.18 0.32 0.00	51.49 0.16 -4.11	45.78 0.31 0.69	49.19 0.48 0.06	50.67 0.59 0.12	47.31 0.36 -1.45	34.50 0.30 13.39	50.59 0.19 0.07	47.80 0.23 0.29	52.46 0.28 -1.27	50.31 -0.12 -0.63	42.32 0.14 0.01	53.28 0.26 -8.45
PJM_GEN_NEPTUNE_PROXY 323594	47.72 1.27 0.00	44.25 1.03 0.80	40.42 1.00 0.00	39.57 1.07 0.00	39.63 1.01 0.00	44.84 1.15 0.00	42.15 1.43 0.00	34.28 1.40 0.00	40.01 1.59 0.00	46.98 2.06 1.15	46.67 2.25 0.00	47.52 2.67 0.00	53.43 2.49 -3.73	48.02 2.93 1.06	51.94 3.35 0.17	53.86 3.65 -0.01	51.57 3.37 -2.70	58.83 3.40 -7.84	53.21 2.74 0.00	49.79 2.22 0.29	54.30 2.13 -1.27	50.61 1.74 0.93	27.88 1.89 16.20	37.55 1.90 8.91
PJM_GEN_VFT_PROXY 323633	47.80 1.36 0.00	44.21 1.00 0.80	40.38 0.96 0.00	39.59 1.10 0.00	39.68 1.05 0.00	45.10 1.42 0.00	42.52 1.80 0.00	34.60 1.72 0.00	40.54 2.12 0.00	47.50 2.58 1.15	47.21 2.79 0.00	48.05 3.19 0.00	54.41 3.11 -4.09	49.09 3.61 0.69	51.76 4.06 1.07	54.25 4.26 0.21	51.96 3.76 -2.70	52.38 3.73 -1.06	52.49 3.23 1.22	50.23 2.66 0.29	54.64 2.48 -1.27	52.71 2.29 -0.63	44.66 2.47 0.00	47.01 2.44 0.00
PLATSBURG_115KV_PMLD1 355749	48.01 1.56 0.00	45.41 1.40 0.00	40.79 1.37 0.00	39.73 1.24 0.00	39.91 1.29 0.00	45.13 1.44 0.00	42.11 1.39 0.00	33.80 0.92 0.00	39.55 1.13 0.00	47.35 1.29 0.00	45.52 1.10 0.00	45.90 1.04 0.00	48.13 0.91 0.00	46.70 0.55 0.00	49.30 0.54 0.00	50.16 -0.04 0.00	45.73 0.24 0.00	48.07 0.48 0.00	51.35 0.87 0.00	48.96 1.09 0.00	52.29 1.39 0.00	51.34 1.53 0.00	42.95 0.76 0.00	45.30 0.73 0.00
PLEASANTVLY___LBMP 24000	47.67 1.23 0.00	44.88 0.87 0.00	40.29 0.87 0.00	39.46 0.97 0.00	39.55 0.92 0.00	44.87 1.19 0.00	42.19 1.47 0.00	34.29 1.41 0.00	40.11 1.69 0.00	48.05 1.98 0.00	46.52 2.10 0.00	47.29 2.43 0.00	49.62 2.40 0.00	48.99 2.84 0.00	52.02 3.25 0.00	53.96 3.47 -0.29	51.50 3.11 -2.88	55.50 3.17 -4.74	53.31 2.83 0.00	50.26 2.40 0.00	53.14 2.24 0.00	51.79 1.98 0.00	44.27 2.08 0.00	46.66 2.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.04 1.60 0.00	45.23 1.21 0.00	40.57 1.15 0.00	39.74 1.25 0.00	39.83 1.21 0.00	45.22 1.54 0.00	42.56 1.84 0.00	34.62 1.74 0.00	40.52 2.11 0.00	48.60 2.54 0.00	47.13 2.71 0.00	47.97 3.11 0.00	50.32 3.10 0.00	49.71 3.56 0.00	52.78 4.01 0.00	54.74 4.27 -0.27	52.00 3.78 -2.73	58.41 3.79 -7.03	53.89 3.41 0.00	50.75 2.89 0.00	53.67 2.78 0.00	52.28 2.48 0.00	44.71 2.51 0.00	47.09 2.52 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.04 1.60 0.00	45.23 1.21 0.00	40.57 1.15 0.00	39.74 1.25 0.00	39.83 1.21 0.00	45.22 1.54 0.00	42.56 1.84 0.00	34.62 1.74 0.00	40.52 2.11 0.00	48.60 2.54 0.00	47.13 2.71 0.00	47.97 3.11 0.00	50.32 3.10 0.00	49.71 3.56 0.00	52.78 4.01 0.00	54.74 4.27 -0.27	52.00 3.78 -2.73	58.41 3.79 -7.03	53.89 3.41 0.00	50.75 2.89 0.00	53.67 2.78 0.00	52.28 2.48 0.00	44.71 2.51 0.00	47.09 2.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.13 1.68 0.00	45.28 1.27 0.00	40.64 1.22 0.00	39.79 1.31 0.00	39.86 1.24 0.00	45.25 1.56 0.00	42.55 1.83 0.00	34.59 1.71 0.00	40.49 2.07 0.00	48.52 2.46 0.00	47.01 2.60 0.00	47.81 2.95 0.00	50.23 3.02 0.00	49.65 3.50 0.00	52.66 3.89 0.00	54.64 4.18 -0.26	51.84 3.71 -2.63	52.88 3.84 -1.46	54.07 3.59 0.00	50.98 3.12 0.00	53.89 2.99 0.00	52.45 2.65 0.00	44.75 2.56 0.00	47.12 2.55 0.00
POLETTI_____ 23519	48.00 1.56 0.00	45.18 1.16 0.00	40.53 1.11 0.00	39.72 1.23 0.00	39.82 1.19 0.00	45.25 1.56 0.00	42.65 1.93 0.00	34.73 1.85 0.00	40.69 2.27 0.00	48.82 2.75 0.00	47.39 2.97 0.00	48.25 3.40 0.00	50.54 3.32 0.00	49.97 3.82 0.00	53.06 4.29 0.00	55.00 4.53 -0.27	50.51 3.95 -1.07	43.17 3.54 7.96	36.55 3.06 16.99	36.54 2.55 13.88	36.53 2.37 16.74	36.54 2.28 15.54	36.53 2.43 8.09	36.34 2.30 10.53
POMONA___ESR 323819	48.05 1.61 0.00	45.27 1.25 0.00	40.59 1.17 0.00	39.77 1.28 0.00	39.86 1.24 0.00	45.26 1.57 0.00	42.59 1.87 0.00	34.60 1.72 0.00	40.46 2.04 0.00	48.52 2.46 0.00	47.07 2.65 0.00	47.92 3.07 0.00	50.32 3.10 0.00	49.69 3.53 0.00	52.73 3.96 0.00	54.65 4.20 -0.26	51.78 3.70 -2.58	37.23 3.69 14.05	53.76 3.28 0.00	50.63 2.76 0.00	53.57 2.68 0.00	52.19 2.38 0.00	44.62 2.43 0.00	46.97 2.40 0.00
PORT_JEFF_3 23555	47.82 1.37 0.00	45.16 1.15 0.00	40.55 1.13 0.00	39.67 1.18 0.00	39.71 1.09 0.00	44.83 1.15 0.00	42.12 1.40 0.00	34.29 1.40 0.00	39.94 1.52 0.00	48.00 1.94 0.00	46.59 2.17 0.00	47.50 2.64 0.00	49.30 2.38 0.29	48.51 2.82 0.47	49.87 2.94 1.84	46.80 3.20 6.60	51.28 3.08 -2.70	58.55 3.12 -7.84	52.89 2.41 0.00	49.77 1.90 0.00	52.83 1.94 0.00	49.90 1.53 1.44	29.03 1.80 14.96	38.03 1.69 8.23
PORT_JEFF_4 23616	47.82 1.37 0.00	45.16 1.15 0.00	40.55 1.13 0.00	39.67 1.18 0.00	39.71 1.09 0.00	44.83 1.15 0.00	42.12 1.40 0.00	34.29 1.40 0.00	39.94 1.52 0.00	48.00 1.94 0.00	46.59 2.17 0.00	47.50 2.64 0.00	49.30 2.38 0.29	48.51 2.82 0.47	49.87 2.94 1.84	46.80 3.20 6.60	51.28 3.08 -2.70	58.55 3.12 -7.84	52.89 2.41 0.00	49.77 1.90 0.00	52.83 1.94 0.00	49.90 1.53 1.44	29.03 1.80 14.96	38.03 1.69 8.23

PORT_JEFF_IC 23713	47.83 1.39 0.00	45.17 1.16 0.00	40.56 1.14 0.00	39.68 1.19 0.00	39.72 1.10 0.00	44.85 1.16 0.00	42.12 1.40 0.00	34.30 1.42 0.00	39.97 1.56 0.00	48.07 2.00 0.00	46.67 2.25 0.00	47.63 2.78 0.00	49.48 2.55 0.29	48.63 2.99 0.51	49.43 2.98 2.32	44.90 3.27 8.57	51.35 3.15 -2.70	58.61 3.18 -7.84	52.96 2.49 0.00	49.81 1.95 0.00	52.90 2.00 0.00	50.10 1.72 1.43	29.24 1.95 14.90	38.15 1.78 8.20
PPL PILGRIM_ST_GT1 24216	48.15 1.70 0.00	45.49 1.48 0.00	40.86 1.44 0.00	39.99 1.49 0.00	40.04 1.42 0.00	45.21 1.53 0.00	42.50 1.79 0.00	34.57 1.69 0.00	40.25 1.83 0.00	48.42 2.36 0.00	46.97 2.55 0.00	47.80 2.95 0.00	49.65 2.72 0.28	48.80 3.14 0.49	50.06 3.52 2.23	45.92 3.92 8.20	51.94 3.74 -2.70	59.08 3.65 -7.84	53.48 3.00 0.00	50.39 2.53 0.00	53.57 2.68 0.00	50.53 2.14 1.41	29.75 2.22 14.66	38.66 2.16 8.07
PPL PILGRIM_ST_GT2 24217	48.15 1.70 0.00	45.49 1.48 0.00	40.86 1.44 0.00	39.99 1.49 0.00	40.04 1.42 0.00	45.21 1.53 0.00	42.50 1.79 0.00	34.57 1.69 0.00	40.25 1.83 0.00	48.42 2.36 0.00	46.97 2.55 0.00	47.80 2.95 0.00	49.65 2.72 0.28	48.80 3.14 0.49	50.06 3.52 2.23	45.92 3.92 8.20	51.94 3.74 -2.70	59.08 3.65 -7.84	53.48 3.00 0.00	50.39 2.53 0.00	53.57 2.68 0.00	50.53 2.14 1.41	29.75 2.22 14.66	38.66 2.16 8.07
PPL_SHRM_GT3 24213	47.34 0.90 0.00	44.71 0.70 0.00	40.14 0.72 0.00	39.22 0.73 0.00	39.26 0.64 0.00	44.30 0.62 0.00	41.59 0.88 0.00	33.91 1.03 0.00	39.52 1.10 0.00	47.50 1.43 0.00	46.10 1.68 0.00	47.09 2.24 0.00	48.90 1.97 0.29	48.10 2.42 0.48	49.55 2.73 1.95	46.29 3.12 7.03	51.27 3.07 -2.70	58.57 3.14 -7.84	52.99 2.52 0.00	49.84 1.98 0.00	53.25 2.36 0.00	50.12 1.75 1.43	29.14 1.89 14.94	37.66 1.31 8.22
PPL_SHRM_GT4 24214	47.34 0.90 0.00	44.71 0.70 0.00	40.14 0.72 0.00	39.22 0.73 0.00	39.26 0.64 0.00	44.30 0.62 0.00	41.59 0.88 0.00	33.91 1.03 0.00	39.52 1.10 0.00	47.50 1.43 0.00	46.10 1.68 0.00	47.09 2.24 0.00	48.90 1.97 0.29	48.10 2.42 0.48	49.55 2.73 1.95	46.29 3.12 7.03	51.27 3.07 -2.70	58.57 3.14 -7.84	52.99 2.52 0.00	49.84 1.98 0.00	53.25 2.36 0.00	50.12 1.75 1.43	29.14 1.89 14.94	37.66 1.31 8.22
PROJECT___ORANGE 1 24174	45.97 -0.48 0.00	43.66 -0.35 0.00	38.99 -0.43 0.00	38.10 -0.39 0.00	38.29 -0.33 0.00	43.24 -0.45 0.00	40.22 -0.50 0.00	32.46 -0.42 0.00	37.92 -0.50 0.00	45.49 -0.58 0.00	44.00 -0.42 0.00	44.42 -0.43 0.00	46.73 -0.48 0.00	45.75 -0.41 0.00	48.41 -0.36 0.00	49.96 -0.24 0.00	45.25 -0.25 0.00	47.37 -0.22 0.00	50.38 -0.10 0.00	47.82 -0.04 0.00	50.72 -0.18 0.00	49.33 -0.47 0.00	41.73 -0.47 0.00	44.02 -0.55 0.00
PROJECT___ORANGE 2 24166	45.97 -0.48 0.00	43.66 -0.35 0.00	38.99 -0.43 0.00	38.10 -0.39 0.00	38.29 -0.33 0.00	43.24 -0.45 0.00	40.22 -0.50 0.00	32.46 -0.42 0.00	37.92 -0.50 0.00	45.49 -0.58 0.00	44.00 -0.42 0.00	44.42 -0.43 0.00	46.73 -0.48 0.00	45.75 -0.41 0.00	48.41 -0.36 0.00	49.96 -0.24 0.00	45.25 -0.25 0.00	47.37 -0.22 0.00	50.38 -0.10 0.00	47.82 -0.04 0.00	50.72 -0.18 0.00	49.33 -0.47 0.00	41.73 -0.47 0.00	44.02 -0.55 0.00
PUCKETT___SOLAR 323809	47.22 0.78 0.00	44.60 0.59 0.00	39.58 0.17 0.00	38.84 0.35 0.00	39.11 0.49 0.00	44.12 0.43 0.00	41.20 0.48 0.00	33.26 0.38 0.00	38.73 0.32 0.00	46.10 0.03 0.00	44.39 -0.03 0.00	44.80 -0.06 0.00	47.04 -0.18 0.00	46.14 -0.02 0.00	48.87 0.10 0.00	50.32 0.10 -0.02	45.94 0.23 -0.21	46.59 0.21 1.20	51.05 0.57 0.00	48.74 0.88 0.00	51.83 0.93 0.00	50.47 0.67 0.00	42.53 0.34 0.00	45.09 0.52 0.00
PYRITES___HYD 24023	49.06 2.62 0.00	46.55 2.54 0.00	41.51 2.09 0.00	40.30 1.81 0.00	40.47 1.85 0.00	45.96 2.28 0.00	42.81 2.10 0.00	34.47 1.58 0.00	40.22 1.81 0.00	48.29 2.23 0.00	46.18 1.76 0.00	46.19 1.34 0.00	48.66 1.44 0.00	46.77 0.62 0.00	49.36 0.59 0.00	50.55 0.36 0.00	46.39 0.90 0.00	47.86 0.27 0.00	51.26 0.78 0.00	49.02 1.15 0.00	52.77 1.87 0.00	51.92 2.12 0.00	43.59 1.40 0.00	46.10 1.53 0.00
QUAKERRD_115KV_BK1 80622	45.01 -1.43 0.00	42.70 -1.32 0.00	37.98 -1.44 0.00	37.03 -1.46 0.00	37.36 -1.27 0.00	42.10 -1.59 0.00	39.09 -1.63 0.00	31.51 -1.37 0.00	36.83 -1.59 0.00	44.27 -1.79 0.00	43.01 -1.40 0.00	43.00 -1.86 0.00	45.17 -2.01 0.04	44.06 -2.10 0.00	46.53 -2.23 0.00	48.25 -1.94 0.00	43.72 -1.78 0.00	44.72 -1.76 1.12	48.76 -1.72 0.00	46.61 -1.25 0.00	49.64 -1.26 0.00	48.06 -1.74 0.00	40.58 -1.60 0.01	43.09 -1.49 0.00
QUENSBRY_115KV_TB8 356137	48.83 2.39 0.00	45.73 1.71 0.00	41.04 1.62 0.00	40.18 1.69 0.00	40.33 1.71 0.00	45.50 1.81 0.00	42.64 1.92 0.00	34.56 1.68 0.00	40.41 1.99 0.00	48.08 2.02 0.00	46.01 1.60 0.00	46.57 1.72 0.00	49.08 1.86 0.00	48.35 2.19 0.00	51.81 3.05 0.00	53.30 3.08 -0.02	48.83 3.17 -0.16	52.18 3.54 -1.05	54.38 3.90 0.00	51.51 3.65 0.00	54.55 3.65 0.00	52.96 3.16 0.00	44.99 2.79 0.00	47.65 3.08 0.00
RAMAPO___LBMP 323565	47.86 1.41 0.00	45.09 1.08 0.00	40.44 1.02 0.00	39.63 1.14 0.00	39.71 1.09 0.00	45.09 1.41 0.00	42.43 1.72 0.00	34.48 1.60 0.00	40.30 1.88 0.00	48.30 2.24 0.00	46.83 2.41 0.00	47.66 2.80 0.00	50.02 2.81 0.00	49.39 3.24 0.00	52.41 3.64 0.00	54.30 3.84 -0.25	51.45 3.40 -2.56	37.44 3.38 13.53	53.43 2.95 0.00	50.34 2.48 0.00	53.29 2.39 0.00	51.93 2.13 0.00	44.42 2.23 0.00	46.76 2.19 0.00
RANKINE____ 23646	45.25 -1.20 0.00	42.68 -1.33 0.00	37.70 -1.72 0.00	36.72 -1.77 0.00	37.19 -1.43 0.00	41.84 -1.85 0.00	38.76 -1.96 0.00	27.44 -1.70 3.74	36.28 -2.14 0.00	43.66 -2.40 0.00	42.49 -1.92 0.00	41.99 -2.87 0.00	44.06 -3.09 0.07	42.71 -3.44 0.00	45.04 -3.73 0.00	46.87 -3.34 -0.01	42.40 -3.21 -0.10	42.32 -3.14 2.13	47.36 -3.11 0.00	45.79 -2.07 0.00	49.04 -1.86 0.00	47.27 -2.53 0.00	40.02 -2.15 0.02	42.93 -1.64 0.00
RAVENSWOOD_GT2_1 24244	48.11 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.91 1.29 0.00	45.36 1.67 0.00	42.74 2.02 0.00	34.80 1.92 0.00	40.74 2.33 0.00	48.89 2.83 0.00	47.45 3.03 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.04 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.03 3.56 0.00	50.83 2.96 0.00	53.71 2.81 0.00	52.38 2.58 0.00	44.88 2.69 0.00	47.25 2.68 0.00
RAVENSWOOD_GT2_2 24245	48.11 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.91 1.29 0.00	45.36 1.67 0.00	42.74 2.02 0.00	34.80 1.92 0.00	40.74 2.33 0.00	48.89 2.83 0.00	47.45 3.03 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.04 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.03 3.56 0.00	50.83 2.96 0.00	53.71 2.81 0.00	52.38 2.58 0.00	44.88 2.69 0.00	47.25 2.68 0.00

RAVENSWOOD_GT2_3 24246	48.15 1.70 0.00	45.32 1.30 0.00	40.65 1.23 0.00	39.83 1.34 0.00	39.93 1.31 0.00	45.38 1.70 0.00	42.76 2.04 0.00	34.81 1.93 0.00	40.77 2.35 0.00	48.93 2.87 0.00	47.48 3.07 0.00	48.34 3.49 0.00	50.65 3.43 0.00	50.04 3.88 0.00	53.12 4.36 0.00	55.07 4.60 -0.27	52.26 4.06 -2.70	59.48 4.03 -7.86	54.06 3.59 0.00	50.86 3.00 0.00	53.75 2.85 0.00	52.41 2.61 0.00	44.91 2.72 0.00	47.27 2.70 0.00
RAVENSWOOD_GT2_4 24247	48.15 1.70 0.00	45.32 1.30 0.00	40.65 1.23 0.00	39.83 1.34 0.00	39.93 1.31 0.00	45.38 1.70 0.00	42.76 2.04 0.00	34.81 1.93 0.00	40.77 2.35 0.00	48.93 2.87 0.00	47.48 3.07 0.00	48.34 3.49 0.00	50.65 3.43 0.00	50.04 3.88 0.00	53.12 4.36 0.00	55.07 4.60 -0.27	52.26 4.06 -2.70	59.48 4.03 -7.86	54.06 3.59 0.00	50.86 3.00 0.00	53.75 2.85 0.00	52.41 2.61 0.00	44.91 2.72 0.00	47.27 2.70 0.00
RAVENSWOOD_GT3_1 24248	48.12 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.29 0.00	45.36 1.68 0.00	42.74 2.02 0.00	34.80 1.92 0.00	40.75 2.33 0.00	48.89 2.83 0.00	47.45 3.04 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.05 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.03 3.56 0.00	50.83 2.96 0.00	53.71 2.81 0.00	52.38 2.58 0.00	44.88 2.69 0.00	47.25 2.68 0.00
RAVENSWOOD_GT3_2 24249	48.12 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.29 0.00	45.36 1.68 0.00	42.74 2.02 0.00	34.80 1.92 0.00	40.75 2.33 0.00	48.89 2.83 0.00	47.45 3.04 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.05 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.03 3.56 0.00	50.83 2.96 0.00	53.71 2.81 0.00	52.38 2.58 0.00	44.88 2.69 0.00	47.25 2.68 0.00
RAVENSWOOD_GT3_3 24250	48.19 1.75 0.00	45.36 1.35 0.00	40.69 1.28 0.00	39.88 1.39 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.82 2.10 0.00	34.86 1.98 0.00	40.82 2.40 0.00	48.99 2.92 0.00	47.57 3.15 0.00	48.41 3.56 0.00	50.72 3.51 0.00	50.12 3.96 0.00	53.21 4.44 0.00	55.16 4.69 -0.27	52.33 4.13 -2.70	59.54 4.09 -7.86	54.15 3.67 0.00	50.93 3.07 0.00	53.82 2.93 0.00	52.49 2.68 0.00	44.97 2.78 0.00	47.33 2.76 0.00
RAVENSWOOD_GT3_4 24251	48.19 1.75 0.00	45.36 1.35 0.00	40.69 1.28 0.00	39.88 1.39 0.00	39.98 1.36 0.00	45.43 1.75 0.00	42.82 2.10 0.00	34.86 1.98 0.00	40.82 2.40 0.00	48.99 2.92 0.00	47.57 3.15 0.00	48.41 3.56 0.00	50.72 3.51 0.00	50.12 3.96 0.00	53.21 4.44 0.00	55.16 4.69 -0.27	52.33 4.13 -2.70	59.54 4.09 -7.86	54.15 3.67 0.00	50.93 3.07 0.00	53.82 2.93 0.00	52.49 2.68 0.00	44.97 2.78 0.00	47.33 2.76 0.00
RAVENSWOOD_GT_1 23729	48.14 1.70 0.00	45.35 1.34 0.00	40.69 1.27 0.00	39.88 1.39 0.00	39.96 1.34 0.00	45.43 1.74 0.00	42.84 2.12 0.00	34.88 2.00 0.00	40.84 2.42 0.00	49.01 2.95 0.00	47.61 3.19 0.00	48.46 3.60 0.00	50.74 3.52 0.00	50.14 3.98 0.00	53.21 4.45 0.00	55.13 4.66 -0.27	52.30 4.10 -2.70	59.44 3.98 -7.86	54.00 3.52 0.00	50.81 2.95 0.00	53.71 2.81 0.00	52.43 2.63 0.00	44.97 2.77 0.00	47.34 2.77 0.00
RAVENSWOOD_GT_10 24258	48.12 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.29 0.00	45.36 1.67 0.00	42.74 2.02 0.00	34.80 1.91 0.00	40.74 2.33 0.00	48.89 2.83 0.00	47.45 3.03 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.05 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.04 3.57 0.00	50.83 2.97 0.00	53.72 2.82 0.00	52.39 2.59 0.00	44.88 2.69 0.00	47.25 2.68 0.00
RAVENSWOOD_GT_11 24259	48.12 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.29 0.00	45.36 1.67 0.00	42.74 2.02 0.00	34.80 1.91 0.00	40.74 2.33 0.00	48.89 2.83 0.00	47.45 3.03 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.05 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.04 3.57 0.00	50.83 2.97 0.00	53.72 2.82 0.00	52.39 2.59 0.00	44.88 2.69 0.00	47.25 2.68 0.00
RAVENSWOOD_GT_4 24252	48.12 1.68 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.30 0.00	45.35 1.67 0.00	42.73 2.01 0.00	34.78 1.90 0.00	40.74 2.32 0.00	48.89 2.82 0.00	47.43 3.02 0.00	48.30 3.45 0.00	50.61 3.39 0.00	50.00 3.85 0.00	53.09 4.33 0.00	55.04 4.57 -0.27	52.22 4.02 -2.70	59.46 4.01 -7.86	54.06 3.58 0.00	50.84 2.98 0.00	53.74 2.84 0.00	52.40 2.60 0.00	44.88 2.69 0.00	47.24 2.67 0.00
RAVENSWOOD_GT_5 24254	48.12 1.68 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.30 0.00	45.35 1.67 0.00	42.73 2.01 0.00	34.78 1.90 0.00	40.74 2.32 0.00	48.89 2.82 0.00	47.43 3.02 0.00	48.30 3.45 0.00	50.61 3.39 0.00	50.00 3.85 0.00	53.09 4.33 0.00	55.04 4.57 -0.27	52.22 4.02 -2.70	59.46 4.01 -7.86	54.06 3.58 0.00	50.84 2.98 0.00	53.74 2.84 0.00	52.40 2.60 0.00	44.88 2.69 0.00	47.24 2.67 0.00
RAVENSWOOD_GT_6 24253	48.12 1.68 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.30 0.00	45.35 1.67 0.00	42.73 2.01 0.00	34.78 1.90 0.00	40.74 2.32 0.00	48.89 2.82 0.00	47.43 3.02 0.00	48.30 3.45 0.00	50.61 3.39 0.00	50.00 3.85 0.00	53.09 4.33 0.00	55.04 4.57 -0.27	52.22 4.02 -2.70	59.46 4.01 -7.86	54.06 3.58 0.00	50.84 2.98 0.00	53.74 2.84 0.00	52.40 2.60 0.00	44.88 2.69 0.00	47.24 2.67 0.00
RAVENSWOOD_GT_7 24255	48.12 1.68 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.30 0.00	45.35 1.67 0.00	42.73 2.01 0.00	34.78 1.90 0.00	40.74 2.32 0.00	48.89 2.82 0.00	47.43 3.02 0.00	48.30 3.45 0.00	50.61 3.39 0.00	50.00 3.85 0.00	53.09 4.33 0.00	55.04 4.57 -0.27	52.22 4.02 -2.70	59.46 4.01 -7.86	54.06 3.58 0.00	50.84 2.98 0.00	53.74 2.84 0.00	52.40 2.60 0.00	44.88 2.69 0.00	47.24 2.67 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	48.12 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.29 0.00	45.36 1.67 0.00	42.74 2.02 0.00	34.80 1.91 0.00	40.74 2.33 0.00	48.89 2.83 0.00	47.45 3.03 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.05 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.04 3.57 0.00	50.83 2.97 0.00	53.72 2.82 0.00	52.39 2.59 0.00	44.88 2.69 0.00	47.25 2.68 0.00
RAVENSWOOD_GT_9 24257	48.12 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.29 0.00	45.36 1.67 0.00	42.74 2.02 0.00	34.80 1.91 0.00	40.74 2.33 0.00	48.89 2.83 0.00	47.45 3.03 0.00	48.31 3.46 0.00	50.61 3.39 0.00	50.01 3.86 0.00	53.10 4.33 0.00	55.05 4.58 -0.27	52.22 4.02 -2.70	59.44 3.99 -7.86	54.04 3.57 0.00	50.83 2.97 0.00	53.72 2.82 0.00	52.39 2.59 0.00	44.88 2.69 0.00	47.25 2.68 0.00

RAVENSWOOD___1 23533	48.12 1.68 0.00	45.33 1.31 0.00	40.68 1.26 0.00	39.85 1.36 0.00	39.94 1.32 0.00	45.40 1.72 0.00	42.81 2.09 0.00	34.85 1.97 0.00	40.83 2.41 0.00	49.00 2.93 0.00	47.58 3.16 0.00	48.43 3.57 0.00	50.70 3.49 0.00	50.10 3.95 0.00	53.18 4.41 0.00	55.09 4.63 -0.27	52.28 4.08 -2.70	59.42 3.97 -7.86	53.99 3.52 0.00	50.79 2.93 0.00	53.68 2.79 0.00	52.40 2.59 0.00	44.94 2.75 0.00	47.31 2.74 0.00
RAVENSWOOD___2 23534	48.10 1.66 0.00	45.31 1.30 0.00	40.65 1.23 0.00	39.83 1.34 0.00	39.93 1.30 0.00	45.38 1.69 0.00	42.78 2.07 0.00	34.83 1.95 0.00	40.80 2.38 0.00	48.96 2.89 0.00	47.54 3.13 0.00	48.39 3.53 0.00	50.66 3.44 0.00	50.07 3.91 0.00	53.14 4.37 0.00	55.07 4.60 -0.27	52.25 4.05 -2.70	59.41 3.96 -7.86	53.96 3.49 0.00	50.77 2.91 0.00	53.66 2.76 0.00	52.37 2.56 0.00	44.91 2.72 0.00	47.27 2.70 0.00
RAVENSWOOD___3 23535	48.12 1.67 0.00	45.29 1.28 0.00	40.63 1.21 0.00	39.82 1.33 0.00	39.92 1.30 0.00	45.37 1.68 0.00	42.74 2.02 0.00	34.79 1.91 0.00	40.75 2.33 0.00	48.89 2.83 0.00	47.46 3.05 0.00	48.32 3.46 0.00	50.61 3.39 0.00	50.02 3.87 0.00	53.10 4.34 0.00	55.05 4.58 -0.27	52.22 4.03 -2.70	59.45 3.99 -7.86	54.04 3.56 0.00	50.83 2.97 0.00	53.72 2.82 0.00	52.40 2.59 0.00	44.88 2.69 0.00	47.25 2.68 0.00
RAVENSWOOD___4 23820	48.10 1.66 0.00	45.31 1.30 0.00	40.65 1.23 0.00	39.83 1.34 0.00	39.93 1.30 0.00	45.38 1.69 0.00	42.78 2.07 0.00	34.83 1.95 0.00	40.80 2.38 0.00	48.96 2.89 0.00	47.54 3.13 0.00	48.39 3.53 0.00	50.66 3.44 0.00	50.07 3.91 0.00	53.14 4.37 0.00	55.07 4.60 -0.27	52.25 4.05 -2.70	59.41 3.96 -7.86	53.96 3.49 0.00	50.77 2.91 0.00	53.66 2.76 0.00	52.37 2.56 0.00	44.91 2.72 0.00	47.27 2.70 0.00
RCPL_TRUST___DRP 24196	48.14 1.70 0.00	45.30 1.28 0.00	40.63 1.22 0.00	39.83 1.34 0.00	39.93 1.30 0.00	45.38 1.70 0.00	42.77 2.05 0.00	34.81 1.93 0.00	40.79 2.37 0.00	48.95 2.88 0.00	47.51 3.09 0.00	48.38 3.52 0.00	50.66 3.44 0.00	50.07 3.92 0.00	53.17 4.40 0.00	55.11 4.64 -0.27	52.29 4.09 -2.70	59.53 4.06 -7.88	54.09 3.61 0.00	50.87 3.01 0.00	53.76 2.86 0.00	52.43 2.62 0.00	44.91 2.72 0.00	47.27 2.70 0.00
RED___ROCHESTER 323720	46.47 0.02 0.00	44.00 -0.01 0.00	39.09 -0.33 0.00	38.10 -0.39 0.00	38.47 -0.15 0.00	43.33 -0.35 0.00	40.22 -0.50 0.00	32.43 -0.45 0.00	37.86 -0.56 0.00	45.61 -0.45 0.00	44.41 -0.01 0.00	44.27 -0.58 0.00	46.53 -0.64 0.04	45.34 -0.82 0.00	47.89 -0.87 0.00	49.75 -0.45 0.00	45.07 -0.43 0.00	45.95 -0.38 1.25	50.23 -0.25 0.00	48.06 0.20 0.00	51.19 0.30 0.00	49.48 -0.33 0.00	41.74 -0.44 0.01	44.39 -0.18 0.00
REGAN___SOLAR 323812	49.20 2.75 0.00	46.51 2.50 0.00	41.66 2.24 0.00	40.66 2.17 0.00	40.78 2.16 0.00	46.19 2.51 0.00	43.02 2.31 0.00	34.56 1.68 0.00	39.24 0.82 0.00	46.41 0.34 0.00	44.81 0.39 0.00	45.43 0.57 0.00	48.03 0.82 0.00	47.36 1.21 0.00	50.08 1.32 0.00	51.26 1.05 -0.01	47.58 1.96 -0.12	49.02 1.43 0.00	53.44 2.97 0.00	51.42 3.56 0.00	54.55 3.65 0.00	53.22 3.41 0.00	45.04 2.85 0.00	47.36 2.79 0.00
RENSSELAER___COGEN 23796	46.67 0.23 0.00	43.98 -0.04 0.00	39.58 0.17 0.00	38.75 0.25 0.00	38.79 0.16 0.00	43.93 0.25 0.00	41.10 0.38 0.00	33.28 0.40 0.00	38.92 0.50 0.00	46.50 0.44 0.00	44.80 0.38 0.00	45.31 0.45 0.00	47.62 0.41 0.00	46.83 0.67 0.00	49.69 0.92 0.00	51.27 1.06 -0.02	46.61 0.93 -0.19	49.76 1.05 -1.12	51.44 0.96 0.00	48.72 0.85 0.00	51.54 0.64 0.00	50.27 0.47 0.00	42.81 0.62 0.00	45.23 0.66 0.00
REPUBLIC_115KV_BARTNBK 55605	53.09 6.65 0.00	48.73 4.72 0.00	43.57 4.15 0.00	42.68 4.18 0.00	42.91 4.28 0.00	48.90 5.21 0.00	45.91 5.19 0.00	37.57 4.69 0.00	44.45 6.03 0.00	52.46 6.39 0.00	49.13 4.71 0.00	49.43 4.57 0.00	51.75 4.53 0.00	50.82 4.66 0.00	55.21 6.44 0.00	56.50 6.29 -0.02	52.18 6.52 -0.16	55.75 7.11 -1.05	58.88 8.41 0.00	55.84 7.98 0.00	59.35 8.45 0.00	57.42 7.62 0.00	49.03 6.83 0.00	51.73 7.16 0.00
REVERE_CPPR_DRP 24186	48.56 2.12 0.00	45.97 1.96 0.00	40.99 1.57 0.00	40.00 1.51 0.00	40.16 1.54 0.00	45.40 1.72 0.00	42.26 1.54 0.00	34.09 1.21 0.00	39.81 1.40 0.00	47.69 1.62 0.00	45.98 1.56 0.00	46.26 1.41 0.00	48.66 1.44 0.00	47.65 1.50 0.00	50.29 1.53 0.00	51.98 1.78 0.00	47.33 1.83 0.00	49.47 1.88 0.00	52.69 2.21 0.00	50.35 2.48 0.00	53.37 2.48 0.00	51.81 2.01 0.00	43.74 1.55 0.00	46.00 1.43 0.00
REYNLDPA_13_KV_LD 356490	47.39 0.94 0.00	44.97 0.96 0.00	40.23 0.82 0.00	39.15 0.66 0.00	39.32 0.70 0.00	44.51 0.83 0.00	41.46 0.74 0.00	33.43 0.54 0.00	39.06 0.64 0.00	46.89 0.83 0.00	45.11 0.69 0.00	45.47 0.62 0.00	47.94 0.72 0.00	46.52 0.37 0.00	48.94 0.17 0.00	50.25 0.05 0.00	45.68 0.18 0.00	47.76 0.17 0.00	50.76 0.29 0.00	48.21 0.35 0.00	51.52 0.62 0.00	50.63 0.82 0.00	42.56 0.37 0.00	45.07 0.50 0.00
REYNOLDS_115KV_TB3 80639	47.00 0.56 0.00	44.26 0.25 0.00	39.86 0.44 0.00	39.00 0.50 0.00	39.05 0.42 0.00	44.21 0.53 0.00	41.36 0.64 0.00	33.50 0.62 0.00	39.17 0.75 0.00	46.79 0.73 0.00	45.09 0.67 0.00	45.61 0.76 0.00	47.97 0.76 0.00	47.21 1.06 0.00	50.12 1.35 0.00	51.69 1.47 -0.03	47.09 1.34 -0.25	50.32 1.51 -1.22	51.90 1.42 0.00	49.14 1.27 0.00	51.96 1.07 0.00	50.70 0.90 0.00	43.20 1.01 0.00	45.65 1.08 0.00
RIVERBAY____ 323610	49.36 2.92 0.00	46.57 2.56 0.00	41.74 2.32 0.00	40.92 2.43 0.00	41.07 2.45 0.00	46.70 3.01 0.00	44.05 3.33 0.00	35.85 2.96 0.00	41.88 3.46 0.00	50.34 4.27 0.00	48.89 4.48 0.00	49.70 4.85 0.00	52.21 4.99 0.00	51.41 5.25 0.00	54.49 5.72 0.00	56.60 6.13 -0.27	53.61 5.41 -2.70	60.66 5.21 -7.86	55.39 4.91 0.00	52.14 4.27 0.00	55.17 4.27 0.00	53.94 4.14 0.00	46.17 3.98 0.00	48.45 3.88 0.00
RIVERSDE_115KV_TB3 55908	46.88 0.43 0.00	44.16 0.15 0.00	39.76 0.34 0.00	38.90 0.41 0.00	38.96 0.34 0.00	44.12 0.43 0.00	41.27 0.55 0.00	33.43 0.55 0.00	39.09 0.67 0.00	46.72 0.65 0.00	45.02 0.60 0.00	45.56 0.71 0.00	47.92 0.70 0.00	47.15 0.99 0.00	50.04 1.28 0.00	51.62 1.41 -0.02	46.98 1.27 -0.21	50.18 1.42 -1.17	51.84 1.37 0.00	49.07 1.21 0.00	51.90 1.00 0.00	50.62 0.81 0.00	43.11 0.92 0.00	45.53 0.96 0.00
ROARING___BROOK_WT_PWR 323790	46.56 0.11 0.00	44.12 0.10 0.00	39.51 0.09 0.00	38.46 -0.03 0.00	38.54 -0.09 0.00	43.60 -0.08 0.00	40.61 -0.11 0.00	32.70 -0.18 0.00	38.23 -0.19 0.00	45.91 -0.16 0.00	44.10 -0.31 0.00	44.43 -0.42 0.00	46.69 -0.53 0.00	45.43 -0.73 0.00	48.00 -0.77 0.00	49.57 -0.63 0.00	44.82 -0.68 0.00	46.94 -0.64 0.00	49.96 -0.52 0.00	47.16 -0.70 0.00	49.90 -1.00 0.00	48.83 -0.97 0.00	41.36 -0.83 0.00	43.66 -0.91 0.00

ROCHESRG_115KV_T4 355643	45.79 -0.66 0.00	43.40 -0.61 0.00	38.58 -0.85 0.00	37.60 -0.89 0.00	37.97 -0.66 0.00	42.76 -0.93 0.00	39.68 -1.04 0.00	31.96 -0.92 0.00	37.32 -1.10 0.00	44.88 -1.19 0.00	43.65 -0.77 0.00	43.50 -1.36 0.00	45.70 -1.47 0.04	44.51 -1.65 0.00	47.01 -1.76 0.00	48.80 -1.40 0.00	44.18 -1.32 0.00	45.11 -1.26 1.22	49.30 -1.18 0.00	47.25 -0.61 0.00	50.37 -0.53 0.00	48.71 -1.09 0.00	41.16 -1.02 0.01	43.80 -0.77 0.00
ROCHESTER_9_IC 23652	46.19 -0.25 0.00	43.77 -0.24 0.00	38.89 -0.53 0.00	37.91 -0.58 0.00	38.28 -0.35 0.00	43.11 -0.57 0.00	40.01 -0.71 0.00	32.22 -0.66 0.00	37.64 -0.78 0.00	45.32 -0.74 0.00	44.10 -0.32 0.00	43.95 -0.90 0.00	46.20 -0.97 0.04	44.99 -1.17 0.00	47.53 -1.23 0.00	49.36 -0.84 0.00	44.70 -0.80 0.00	45.60 -0.74 1.25	49.85 -0.63 0.00	47.74 -0.12 0.00	50.86 -0.04 0.00	49.17 -0.63 0.00	41.52 -0.66 0.01	44.15 -0.42 0.00
ROCKVIEW_13_KV_LD 356306	48.24 1.80 0.00	45.42 1.41 0.00	40.73 1.31 0.00	39.90 1.41 0.00	39.99 1.37 0.00	45.43 1.74 0.00	42.76 2.05 0.00	34.80 1.92 0.00	40.74 2.32 0.00	48.89 2.82 0.00	47.43 3.02 0.00	48.30 3.45 0.00	50.65 3.43 0.00	50.06 3.90 0.00	53.12 4.35 0.00	55.09 4.63 -0.27	52.30 4.10 -2.70	59.53 4.08 -7.87	54.17 3.69 0.00	51.00 3.14 0.00	53.93 3.03 0.00	52.54 2.73 0.00	44.95 2.76 0.00	47.32 2.74 0.00
ROME____115KV_TB2 80656	48.56 2.12 0.00	45.97 1.96 0.00	40.99 1.57 0.00	40.00 1.51 0.00	40.16 1.54 0.00	45.40 1.72 0.00	42.26 1.54 0.00	34.09 1.21 0.00	39.81 1.40 0.00	47.69 1.62 0.00	45.98 1.56 0.00	46.26 1.41 0.00	48.66 1.44 0.00	47.65 1.50 0.00	50.29 1.53 0.00	51.98 1.78 0.00	47.33 1.83 0.00	49.47 1.88 0.00	52.69 2.21 0.00	50.35 2.48 0.00	53.37 2.48 0.00	51.81 2.01 0.00	43.74 1.55 0.00	46.00 1.43 0.00
ROSETON____1 23587	47.68 1.23 0.00	44.91 0.90 0.00	40.31 0.89 0.00	39.48 0.99 0.00	39.55 0.93 0.00	44.89 1.21 0.00	42.19 1.47 0.00	34.28 1.40 0.00	40.09 1.67 0.00	48.05 1.99 0.00	46.53 2.11 0.00	47.28 2.43 0.00	49.61 2.40 0.00	48.98 2.83 0.00	51.98 3.21 0.00	53.87 3.41 -0.26	51.20 3.06 -2.64	42.04 3.09 8.64	53.22 2.75 0.00	50.19 2.33 0.00	53.08 2.18 0.00	51.73 1.92 0.00	44.22 2.03 0.00	46.62 2.05 0.00
ROSETON____2 23588	47.68 1.23 0.00	44.91 0.90 0.00	40.31 0.89 0.00	39.48 0.99 0.00	39.55 0.93 0.00	44.89 1.21 0.00	42.19 1.47 0.00	34.28 1.40 0.00	40.09 1.67 0.00	48.05 1.99 0.00	46.53 2.11 0.00	47.28 2.43 0.00	49.61 2.40 0.00	48.98 2.83 0.00	51.98 3.21 0.00	53.87 3.41 -0.26	51.20 3.06 -2.64	42.04 3.09 8.64	53.22 2.75 0.00	50.19 2.33 0.00	53.08 2.18 0.00	51.73 1.92 0.00	44.22 2.03 0.00	46.62 2.05 0.00
ROTRDAM_115KV_TB3 80664	47.39 0.95 0.00	44.72 0.71 0.00	40.16 0.74 0.00	39.28 0.79 0.00	39.37 0.74 0.00	44.57 0.88 0.00	41.62 0.90 0.00	33.67 0.79 0.00	39.27 0.85 0.00	46.93 0.87 0.00	45.27 0.86 0.00	45.85 1.00 0.00	48.26 1.04 0.00	47.46 1.30 0.00	50.30 1.54 0.00	51.87 1.66 -0.01	47.18 1.58 -0.10	50.22 1.68 -0.95	52.21 1.74 0.00	49.51 1.65 0.00	52.47 1.57 0.00	51.19 1.39 0.00	43.52 1.33 0.00	45.93 1.36 0.00
RUSSELL____1 23602	46.46 0.02 0.00	44.01 0.00 0.00	39.09 -0.33 0.00	38.10 -0.39 0.00	38.47 -0.15 0.00	43.33 -0.36 0.00	40.21 -0.50 0.00	32.40 -0.48 0.00	37.85 -0.57 0.00	45.61 -0.45 0.00	44.40 -0.02 0.00	44.27 -0.59 0.00	46.53 -0.64 0.04	45.33 -0.82 0.00	47.90 -0.87 0.00	49.74 -0.46 0.00	45.07 -0.43 0.00	45.96 -0.37 1.25	50.23 -0.25 0.00	48.08 0.22 0.00	51.21 0.31 0.00	49.49 -0.32 0.00	41.74 -0.44 0.01	44.39 -0.18 0.00
RUSSELL____2 23532	46.46 0.02 0.00	44.01 0.00 0.00	39.09 -0.33 0.00	38.10 -0.39 0.00	38.47 -0.15 0.00	43.33 -0.36 0.00	40.21 -0.50 0.00	32.40 -0.48 0.00	37.85 -0.57 0.00	45.61 -0.45 0.00	44.40 -0.02 0.00	44.27 -0.59 0.00	46.53 -0.64 0.04	45.33 -0.82 0.00	47.90 -0.87 0.00	49.74 -0.46 0.00	45.07 -0.43 0.00	45.96 -0.37 1.25	50.23 -0.25 0.00	48.08 0.22 0.00	51.21 0.31 0.00	49.49 -0.32 0.00	41.74 -0.44 0.01	44.39 -0.18 0.00
RUSSELL____3 23549	46.46 0.02 0.00	44.01 0.00 0.00	39.09 -0.33 0.00	38.10 -0.39 0.00	38.47 -0.15 0.00	43.33 -0.36 0.00	40.21 -0.50 0.00	32.40 -0.48 0.00	37.85 -0.57 0.00	45.61 -0.45 0.00	44.40 -0.02 0.00	44.27 -0.59 0.00	46.53 -0.64 0.04	45.33 -0.82 0.00	47.90 -0.87 0.00	49.74 -0.46 0.00	45.07 -0.43 0.00	45.96 -0.37 1.25	50.23 -0.25 0.00	48.08 0.22 0.00	51.21 0.31 0.00	49.49 -0.32 0.00	41.74 -0.44 0.01	44.39 -0.18 0.00
RUSSELL____4 23556	46.46 0.02 0.00	44.01 0.00 0.00	39.09 -0.33 0.00	38.10 -0.39 0.00	38.47 -0.15 0.00	43.33 -0.36 0.00	40.21 -0.50 0.00	32.40 -0.48 0.00	37.85 -0.57 0.00	45.61 -0.45 0.00	44.40 -0.02 0.00	44.27 -0.59 0.00	46.53 -0.64 0.04	45.33 -0.82 0.00	47.90 -0.87 0.00	49.74 -0.46 0.00	45.07 -0.43 0.00	45.96 -0.37 1.25	50.23 -0.25 0.00	48.08 0.22 0.00	51.21 0.31 0.00	49.49 -0.32 0.00	41.74 -0.44 0.01	44.39 -0.18 0.00
RUSSELL____STATION 23914	46.46 0.02 0.00	44.01 0.00 0.00	39.09 -0.33 0.00	38.10 -0.39 0.00	38.47 -0.15 0.00	43.33 -0.36 0.00	40.21 -0.50 0.00	32.40 -0.48 0.00	37.85 -0.57 0.00	45.61 -0.45 0.00	44.40 -0.02 0.00	44.27 -0.59 0.00	46.53 -0.64 0.04	45.33 -0.82 0.00	47.90 -0.87 0.00	49.74 -0.46 0.00	45.07 -0.43 0.00	45.96 -0.37 1.25	50.23 -0.25 0.00	48.08 0.22 0.00	51.21 0.31 0.00	49.49 -0.32 0.00	41.74 -0.44 0.01	44.39 -0.18 0.00
S SALMON____HYD 24043	46.70 0.26 0.00	44.35 0.33 0.00	39.59 0.18 0.00	38.60 0.11 0.00	38.70 0.08 0.00	43.60 -0.08 0.00	40.53 -0.19 0.00	32.65 -0.23 0.00	38.19 -0.23 0.00	45.81 -0.25 0.00	44.01 -0.41 0.00	44.23 -0.63 0.00	46.36 -0.86 0.00	45.05 -1.11 0.00	47.88 -0.89 0.00	49.59 -0.61 0.00	44.80 -0.70 0.00	47.10 -0.48 0.00	50.19 -0.28 0.00	47.53 -0.33 0.00	50.45 -0.45 0.00	49.14 -0.66 0.00	41.64 -0.55 0.00	43.80 -0.77 0.00
S.PERRY__115KV_TB1 80734	47.29 0.85 0.00	44.46 0.44 0.00	39.23 -0.19 0.00	38.28 -0.21 0.00	38.59 -0.03 0.00	43.38 -0.31 0.00	39.69 -1.02 0.00	44.50 -1.11 -12.73	37.83 -0.59 0.00	44.93 -1.13 0.00	43.75 -0.67 0.00	43.16 -1.70 0.00	45.23 -1.86 0.13	44.12 -2.04 0.00	46.27 -2.50 0.00	48.13 -2.08 -0.01	43.88 -1.72 -0.10	43.04 -0.67 3.88	50.34 -0.13 0.00	47.84 -0.02 0.00	50.68 -0.22 0.00	48.90 -0.91 0.00	41.19 -0.96 0.04	44.67 0.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.95 -1.49 0.00	42.48 -1.53 0.00	37.59 -1.83 0.00	36.57 -1.92 0.00	37.07 -1.56 0.00	41.64 -2.04 0.00	38.55 -2.17 0.00	27.83 -1.88 3.16	36.12 -2.30 0.00	43.40 -2.66 0.00	42.28 -2.13 0.00	41.76 -3.09 0.00	43.81 -3.34 0.07	42.43 -3.72 0.00	44.75 -4.02 0.00	46.60 -3.61 -0.01	42.14 -3.46 -0.10	42.26 -3.38 1.95	47.14 -3.34 0.00	45.65 -2.21 0.00	48.92 -1.98 0.00	47.15 -2.65 0.00	39.94 -2.24 0.02	42.88 -1.69 0.00

ST_LAW_115_BK7_LBMP 345037	46.87 0.43 0.00	44.48 0.47 0.00	39.80 0.38 0.00	38.73 0.24 0.00	38.90 0.28 0.00	44.03 0.34 0.00	41.02 0.29 0.00	33.06 0.18 0.00	38.64 0.22 0.00	46.38 0.32 0.00	44.62 0.20 0.00	44.98 0.13 0.00	47.43 0.21 0.00	46.04 -0.12 0.00	48.43 -0.33 0.00	49.73 -0.47 0.00	45.19 -0.31 0.00	47.25 -0.34 0.00	50.21 -0.26 0.00	47.68 -0.18 0.00	50.96 0.06 0.00	50.09 0.29 0.00	42.17 -0.02 0.00	44.61 0.04 0.00
ST_LAW_115_BK8_LBMP 345038	46.87 0.43 0.00	44.48 0.47 0.00	39.80 0.38 0.00	38.73 0.24 0.00	38.90 0.28 0.00	44.03 0.34 0.00	41.02 0.29 0.00	33.06 0.18 0.00	38.64 0.22 0.00	46.38 0.32 0.00	44.62 0.20 0.00	44.98 0.13 0.00	47.43 0.21 0.00	46.04 -0.12 0.00	48.43 -0.33 0.00	49.73 -0.47 0.00	45.19 -0.31 0.00	47.25 -0.34 0.00	50.21 -0.26 0.00	47.68 -0.18 0.00	50.96 0.06 0.00	50.09 0.29 0.00	42.17 -0.02 0.00	44.61 0.04 0.00
ST_LAW_230_BK5_LBMP 345035	46.83 0.38 0.00	44.42 0.41 0.00	39.76 0.34 0.00	38.70 0.21 0.00	38.87 0.24 0.00	43.98 0.30 0.00	40.97 0.26 0.00	33.03 0.15 0.00	38.61 0.19 0.00	46.34 0.28 0.00	44.59 0.17 0.00	44.97 0.12 0.00	47.40 0.18 0.00	46.03 -0.12 0.00	48.46 -0.31 0.00	49.74 -0.46 0.00	45.19 -0.31 0.00	47.29 -0.30 0.00	50.22 -0.25 0.00	47.70 -0.16 0.00	50.96 0.06 0.00	50.06 0.26 0.00	42.17 -0.02 0.00	44.59 0.02 0.00
ST_LAW_230_BK6_LBMP 345036	46.83 0.38 0.00	44.42 0.41 0.00	39.76 0.34 0.00	38.70 0.21 0.00	38.87 0.24 0.00	43.98 0.30 0.00	40.97 0.26 0.00	33.03 0.15 0.00	38.61 0.19 0.00	46.34 0.28 0.00	44.59 0.17 0.00	44.97 0.12 0.00	47.40 0.18 0.00	46.03 -0.12 0.00	48.46 -0.31 0.00	49.74 -0.46 0.00	45.19 -0.31 0.00	47.29 -0.30 0.00	50.22 -0.25 0.00	47.70 -0.16 0.00	50.96 0.06 0.00	50.06 0.26 0.00	42.17 -0.02 0.00	44.59 0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	47.85 1.40 0.00	45.07 1.06 0.00	40.41 0.99 0.00	39.60 1.11 0.00	39.69 1.06 0.00	45.04 1.36 0.00	42.36 1.64 0.00	34.41 1.53 0.00	40.23 1.81 0.00	48.23 2.17 0.00	46.76 2.34 0.00	47.56 2.71 0.00	49.94 2.73 0.00	49.30 3.14 0.00	52.32 3.55 0.00	54.21 3.76 -0.24	51.34 3.39 -2.45	39.44 3.39 11.53	53.53 3.06 0.00	50.45 2.59 0.00	53.37 2.47 0.00	51.99 2.18 0.00	44.41 2.22 0.00	46.76 2.19 0.00
SWANROAD_115KV_TB1 355699	44.40 -2.04 0.00	42.05 -1.97 0.00	37.21 -2.21 0.00	36.18 -2.31 0.00	36.68 -1.95 0.00	41.16 -2.53 0.00	38.05 -2.67 0.00	27.64 -2.28 2.97	35.44 -2.98 0.00	42.58 -3.49 0.00	41.52 -2.90 0.00	40.93 -3.93 0.00	43.02 -4.14 0.06	41.63 -4.53 0.00	43.81 -4.95 0.00	45.73 -4.48 -0.01	41.36 -4.23 -0.10	41.66 -4.08 1.85	46.49 -3.98 0.00	45.13 -2.73 0.00	48.38 -2.52 0.00	46.66 -3.14 0.00	39.55 -2.62 0.02	42.47 -2.09 0.00
SYNERGY___BIOGAS 323694	46.73 0.28 0.00	44.17 0.16 0.00	39.10 -0.32 0.00	38.06 -0.43 0.00	38.54 -0.08 0.00	43.37 -0.32 0.00	40.18 -0.53 0.00	30.44 -0.54 1.90	37.50 -0.92 0.00	45.13 -0.94 0.00	44.16 -0.26 0.00	43.60 -1.26 0.00	45.93 -1.24 0.05	44.57 -1.58 0.00	46.87 -1.90 0.00	48.88 -1.33 -0.01	44.44 -1.15 -0.09	45.00 -1.00 1.59	49.76 -0.71 0.00	47.97 0.11 0.00	51.24 0.34 0.00	49.38 -0.42 0.00	41.69 -0.48 0.02	44.49 -0.08 0.00
SYRACUSE___ENERGY_ST1 323597	46.18 -0.26 0.00	43.86 -0.15 0.00	39.16 -0.27 0.00	38.27 -0.22 0.00	38.44 -0.19 0.00	43.41 -0.28 0.00	40.39 -0.32 0.00	32.58 -0.30 0.00	38.06 -0.36 0.00	45.64 -0.43 0.00	44.14 -0.28 0.00	44.54 -0.31 0.00	46.88 -0.34 0.00	45.92 -0.23 0.00	48.58 -0.19 0.00	50.15 -0.05 0.00	45.44 -0.06 0.00	47.57 -0.02 0.00	50.63 0.15 0.00	48.05 0.19 0.00	50.97 0.06 0.00	49.57 -0.23 0.00	41.89 -0.30 0.00	44.21 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	46.18 -0.26 0.00	43.86 -0.15 0.00	39.16 -0.27 0.00	38.27 -0.22 0.00	38.44 -0.19 0.00	43.41 -0.28 0.00	40.39 -0.32 0.00	32.58 -0.30 0.00	38.06 -0.36 0.00	45.64 -0.43 0.00	44.14 -0.28 0.00	44.54 -0.31 0.00	46.88 -0.34 0.00	45.92 -0.23 0.00	48.58 -0.19 0.00	50.15 -0.05 0.00	45.44 -0.06 0.00	47.57 -0.02 0.00	50.63 0.15 0.00	48.05 0.19 0.00	50.97 0.06 0.00	49.57 -0.23 0.00	41.89 -0.30 0.00	44.21 -0.36 0.00
SYRACUSE___POWER 24017	46.23 -0.21 0.00	43.88 -0.13 0.00	39.16 -0.26 0.00	38.28 -0.21 0.00	38.46 -0.16 0.00	43.43 -0.25 0.00	40.43 -0.29 0.00	32.63 -0.25 0.00	38.11 -0.31 0.00	45.69 -0.37 0.00	44.19 -0.23 0.00	44.63 -0.22 0.00	46.98 -0.25 -0.02	45.99 -0.16 0.00	48.65 -0.11 0.00	50.20 0.00 0.00	45.48 -0.02 0.00	48.13 0.01 -0.53	50.67 0.19 0.00	48.11 0.25 0.00	51.03 0.13 0.00	49.62 -0.19 0.00	41.96 -0.24 -0.01	44.25 -0.32 0.00
TALLMAN__138KV_BK151 55660	48.00 1.55 0.00	45.22 1.21 0.00	40.55 1.13 0.00	39.74 1.25 0.00	39.82 1.20 0.00	45.22 1.54 0.00	42.56 1.84 0.00	34.59 1.71 0.00	40.43 2.01 0.00	48.49 2.43 0.00	47.05 2.63 0.00	47.89 3.04 0.00	50.27 3.06 0.00	49.64 3.48 0.00	52.67 3.90 0.00	54.59 4.14 -0.25	51.70 3.64 -2.56	37.73 3.62 13.48	53.67 3.19 0.00	50.55 2.68 0.00	53.50 2.60 0.00	52.13 2.33 0.00	44.58 2.39 0.00	46.92 2.35 0.00
TEALLAVE_115KV_TB7 355573	45.96 -0.49 0.00	43.65 -0.35 0.00	38.98 -0.44 0.00	38.10 -0.39 0.00	38.28 -0.34 0.00	43.22 -0.46 0.00	40.21 -0.51 0.00	32.44 -0.44 0.00	37.90 -0.51 0.00	45.48 -0.59 0.00	43.98 -0.44 0.00	44.41 -0.45 0.00	46.71 -0.51 0.00	45.72 -0.43 0.00	48.38 -0.39 0.00	49.94 -0.26 0.00	45.24 -0.26 0.00	47.35 -0.24 0.00	50.36 -0.12 0.00	47.80 -0.06 0.00	50.71 -0.19 0.00	49.32 -0.49 0.00	41.71 -0.48 0.00	44.00 -0.57 0.00
TELGRAPH_34_KV_EAST 80808	45.56 -0.88 0.00	43.09 -0.92 0.00	38.15 -1.28 0.00	37.11 -1.38 0.00	37.60 -1.03 0.00	42.24 -1.44 0.00	39.10 -1.62 0.00	28.96 -1.41 2.51	36.51 -1.91 0.00	43.97 -2.09 0.00	42.87 -1.55 0.00	42.33 -2.52 0.00	44.51 -2.64 0.06	43.16 -3.00 0.00	45.41 -3.36 0.00	47.34 -2.86 -0.01	42.93 -2.66 -0.09	43.36 -2.51 1.72	48.14 -2.34 0.00	46.54 -1.32 0.00	49.80 -1.10 0.00	48.02 -1.78 0.00	40.62 -1.56 0.02	43.46 -1.11 0.00
TEMPLE___115KV_TB 2 55572	45.97 -0.48 0.00	43.66 -0.35 0.00	38.99 -0.43 0.00	38.10 -0.39 0.00	38.29 -0.33 0.00	43.24 -0.45 0.00	40.22 -0.50 0.00	32.46 -0.42 0.00	37.92 -0.50 0.00	45.49 -0.58 0.00	44.00 -0.42 0.00	44.42 -0.43 0.00	46.73 -0.48 0.00	45.75 -0.41 0.00	48.41 -0.36 0.00	49.96 -0.24 0.00	45.25 -0.25 0.00	47.37 -0.22 0.00	50.38 -0.10 0.00	47.82 -0.04 0.00	50.72 -0.18 0.00	49.33 -0.47 0.00	41.73 -0.47 0.00	44.02 -0.55 0.00
TIANA____69_KV_BK 1 55817	48.15 1.71 0.00	45.49 1.48 0.00	40.78 1.36 0.00	39.83 1.34 0.00	39.88 1.26 0.00	44.92 1.23 0.00	42.15 1.43 0.00	34.46 1.58 0.00	40.18 1.76 0.00	48.31 2.25 0.00	46.89 2.47 0.00	48.05 3.20 0.00	49.80 2.87 0.29	48.84 3.14 0.46	50.41 3.45 1.81	47.68 3.94 6.46	52.06 3.86 -2.70	59.42 3.99 -7.84	53.86 3.39 0.00	50.61 2.75 0.00	53.91 3.01 0.00	50.70 2.34 1.44	29.61 2.38 14.96	38.17 1.83 8.23

V_F_30_NSYNC___DSASP 323816	48.24 1.80 0.00	45.44 1.42 0.00	40.81 1.39 0.00	39.91 1.42 0.00	40.02 1.40 0.00	45.29 1.61 0.00	42.32 1.60 0.00	34.24 1.36 0.00	39.97 1.55 0.00	47.67 1.61 0.00	45.90 1.48 0.00	46.48 1.62 0.00	48.96 1.75 0.00	48.23 2.07 0.00	51.33 2.57 0.00	52.90 2.68 -0.02	48.24 2.56 -0.18	51.52 2.85 -1.08	53.52 3.04 0.00	50.73 2.86 0.00	53.71 2.81 0.00	52.27 2.47 0.00	44.42 2.23 0.00	46.94 2.37 0.00
V_F_30_SYNC_DSASP 323786	46.98 0.53 0.00	44.26 0.25 0.00	39.83 0.40 0.00	38.98 0.48 0.00	39.04 0.41 0.00	44.21 0.52 0.00	41.35 0.63 0.00	33.50 0.63 0.00	39.17 0.75 0.00	46.83 0.77 0.00	45.15 0.74 0.00	45.71 0.85 0.00	48.10 0.88 0.00	47.31 1.16 0.00	50.22 1.46 0.00	51.82 1.60 -0.02	47.12 1.43 -0.18	50.28 1.58 -1.12	52.03 1.56 0.00	49.27 1.41 0.00	52.09 1.19 0.00	50.78 0.98 0.00	43.21 1.01 0.00	45.61 1.04 0.00
V_XM_10_SYNC_DSASP 323789	48.01 1.56 0.00	45.41 1.40 0.00	40.79 1.37 0.00	39.73 1.24 0.00	39.91 1.29 0.00	45.12 1.44 0.00	42.11 1.39 0.00	33.80 0.92 0.00	39.55 1.13 0.00	47.35 1.29 0.00	45.52 1.10 0.00	45.90 1.04 0.00	48.13 0.91 0.00	46.70 0.55 0.00	49.30 0.54 0.00	50.16 -0.04 0.00	45.73 0.24 0.00	48.07 0.48 0.00	51.35 0.87 0.00	48.96 1.09 0.00	52.29 1.39 0.00	51.34 1.53 0.00	42.95 0.76 0.00	45.30 0.73 0.00
W.BABYLN_69_KV_BK1 56697	48.43 1.98 0.00	45.71 1.70 0.00	41.03 1.61 0.00	40.14 1.65 0.00	40.19 1.57 0.00	45.44 1.75 0.00	42.70 1.99 0.00	34.77 1.89 0.00	40.53 2.11 0.00	48.81 2.75 0.00	47.33 2.91 0.00	48.19 3.33 0.00	50.10 3.13 0.24	49.34 3.54 0.35	51.33 3.97 1.40	49.69 4.41 4.92	52.37 4.16 -2.70	59.65 4.22 -7.84	54.03 3.55 0.00	50.92 3.06 0.00	54.08 3.18 0.00	51.26 2.71 1.26	31.75 2.64 13.08	39.95 2.59 7.20
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.18 1.74 0.00	45.38 1.37 0.00	40.68 1.27 0.00	39.87 1.38 0.00	39.96 1.33 0.00	45.37 1.69 0.00	42.69 1.97 0.00	34.70 1.81 0.00	40.57 2.15 0.00	48.65 2.58 0.00	47.19 2.77 0.00	48.04 3.19 0.00	50.44 3.22 0.00	49.81 3.66 0.00	52.86 4.09 0.00	54.79 4.33 -0.26	51.90 3.82 -2.58	37.33 3.82 14.08	53.89 3.42 0.00	50.76 2.90 0.00	53.70 2.81 0.00	52.30 2.50 0.00	44.73 2.53 0.00	47.06 2.49 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	48.15 1.71 0.00	45.31 1.30 0.00	40.64 1.23 0.00	39.83 1.34 0.00	39.93 1.31 0.00	45.39 1.71 0.00	42.78 2.06 0.00	34.83 1.94 0.00	40.81 2.38 0.00	48.97 2.91 0.00	47.52 3.10 0.00	48.39 3.54 0.00	50.68 3.46 0.00	50.09 3.93 0.00	53.20 4.43 0.00	55.13 4.66 -0.27	52.30 4.10 -2.70	59.54 4.07 -7.88	54.10 3.63 0.00	50.88 3.02 0.00	53.78 2.88 0.00	52.44 2.63 0.00	44.92 2.73 0.00	47.28 2.72 0.00
W50THST__13_KV_LOAD 356117	48.37 1.93 0.00	45.50 1.49 0.00	40.82 1.40 0.00	40.01 1.52 0.00	40.12 1.49 0.00	45.61 1.93 0.00	43.03 2.31 0.00	35.06 2.18 0.00	41.10 2.69 0.00	49.35 3.29 0.00	47.92 3.50 0.00	48.80 3.95 0.00	51.09 3.87 0.00	50.50 4.35 0.00	53.61 4.84 0.00	55.49 5.03 -0.27	52.63 4.43 -2.70	59.87 4.40 -7.88	54.43 3.96 0.00	51.20 3.34 0.00	54.10 3.20 0.00	52.72 2.92 0.00	45.17 2.98 0.00	47.56 2.99 0.00
WADING RIVER_IC_1 23522	47.30 0.85 0.00	44.66 0.65 0.00	40.09 0.67 0.00	39.18 0.69 0.00	39.22 0.60 0.00	44.25 0.57 0.00	41.55 0.83 0.00	33.88 1.00 0.00	39.49 1.07 0.00	47.48 1.42 0.00	46.09 1.68 0.00	47.09 2.23 0.00	48.87 1.95 0.29	48.07 2.38 0.46	49.63 2.65 1.78	46.89 3.05 6.35	51.21 3.00 -2.70	58.51 3.09 -7.84	52.91 2.43 0.00	49.76 1.90 0.00	53.21 2.31 0.00	50.09 1.73 1.44	29.09 1.86 14.97	37.58 1.24 8.23
WADING RIVER_IC_2 23547	47.30 0.85 0.00	44.66 0.65 0.00	40.09 0.67 0.00	39.18 0.69 0.00	39.22 0.60 0.00	44.25 0.57 0.00	41.55 0.83 0.00	33.88 1.00 0.00	39.49 1.07 0.00	47.48 1.42 0.00	46.09 1.68 0.00	47.09 2.23 0.00	48.87 1.95 0.29	48.07 2.38 0.46	49.63 2.65 1.78	46.89 3.05 6.35	51.21 3.00 -2.70	58.51 3.09 -7.84	52.91 2.43 0.00	49.76 1.90 0.00	53.21 2.31 0.00	50.09 1.73 1.44	29.09 1.86 14.97	37.58 1.24 8.23
WADING RIVER_IC_3 23601	47.30 0.85 0.00	44.66 0.65 0.00	40.09 0.67 0.00	39.18 0.69 0.00	39.22 0.60 0.00	44.25 0.57 0.00	41.55 0.83 0.00	33.88 1.00 0.00	39.49 1.07 0.00	47.48 1.42 0.00	46.09 1.68 0.00	47.09 2.23 0.00	48.87 1.95 0.29	48.07 2.38 0.46	49.63 2.65 1.78	46.89 3.05 6.35	51.21 3.00 -2.70	58.51 3.09 -7.84	52.91 2.43 0.00	49.76 1.90 0.00	53.21 2.31 0.00	50.09 1.73 1.44	29.09 1.86 14.97	37.58 1.24 8.23
WALDENNY_12_KV_BK2 80841	45.40 -1.04 0.00	42.85 -1.16 0.00	37.84 -1.58 0.00	36.85 -1.64 0.00	37.33 -1.30 0.00	41.98 -1.71 0.00	38.89 -1.83 0.00	27.63 -1.60 3.65	36.40 -2.02 0.00	43.81 -2.26 0.00	42.65 -1.77 0.00	42.16 -2.70 0.00	44.25 -2.90 0.07	42.89 -3.26 0.00	45.22 -3.54 0.00	47.07 -3.14 -0.01	42.56 -3.04 -0.10	42.52 -2.97 2.10	47.56 -2.91 0.00	45.99 -1.87 0.00	49.26 -1.64 0.00	47.47 -2.33 0.00	40.17 -2.00 0.02	43.10 -1.47 0.00
WALDEN__HYDRO 24148	48.07 1.63 0.00	45.26 1.25 0.00	40.58 1.16 0.00	39.76 1.27 0.00	39.83 1.21 0.00	45.22 1.53 0.00	42.52 1.80 0.00	34.56 1.68 0.00	40.41 1.99 0.00	48.43 2.37 0.00	46.93 2.51 0.00	47.73 2.87 0.00	50.14 2.93 0.00	49.55 3.40 0.00	52.61 3.85 0.00	54.52 4.07 -0.25	51.68 3.68 -2.50	46.38 3.71 4.92	53.93 3.45 0.00	50.85 2.99 0.00	53.79 2.89 0.00	52.37 2.56 0.00	44.69 2.50 0.00	47.03 2.47 0.00
WARRENSBURG____ 23737	48.23 1.79 0.00	45.30 1.29 0.00	40.67 1.25 0.00	39.82 1.33 0.00	39.95 1.32 0.00	45.01 1.33 0.00	42.15 1.43 0.00	34.13 1.25 0.00	39.81 1.40 0.00	47.43 1.37 0.00	45.53 1.12 0.00	46.12 1.26 0.00	48.61 1.40 0.00	47.92 1.76 0.00	51.19 2.43 0.00	52.70 2.48 -0.02	48.20 2.55 -0.16	51.50 2.87 -1.05	53.58 3.11 0.00	50.78 2.91 0.00	53.75 2.85 0.00	52.24 2.43 0.00	44.36 2.17 0.00	47.05 2.48 0.00
WATERSIDE____6 8 9 23538	48.10 1.66 0.00	45.31 1.30 0.00	40.65 1.23 0.00	39.83 1.34 0.00	39.92 1.30 0.00	45.37 1.69 0.00	42.78 2.07 0.00	34.84 1.96 0.00	40.80 2.38 0.00	48.96 2.89 0.00	47.55 3.13 0.00	48.38 3.53 0.00	50.66 3.44 0.00	50.06 3.91 0.00	53.14 4.38 0.00	55.07 4.60 -0.27	52.25 4.05 -2.70	59.40 3.95 -7.86	53.96 3.49 0.00	50.76 2.90 0.00	53.65 2.75 0.00	52.36 2.56 0.00	44.91 2.72 0.00	47.28 2.71 0.00
WATKINRD_115KV_LN8_ILLION 55919	46.73 0.28 0.00	44.07 0.06 0.00	39.47 0.05 0.00	38.62 0.13 0.00	38.71 0.09 0.00	43.83 0.14 0.00	40.93 0.20 0.00	33.10 0.22 0.00	38.53 0.11 0.00	45.96 -0.10 0.00	44.28 -0.14 0.00	44.94 0.09 0.00	47.23 0.02 0.00	46.49 0.33 0.00	49.17 0.40 0.00	50.65 0.45 0.00	46.10 0.60 0.00	48.14 0.55 0.00	51.34 0.87 0.00	48.59 0.73 0.00	51.50 0.61 0.00	50.21 0.40 0.00	42.64 0.44 0.00	45.03 0.46 0.00

WDELAWARE___HYD 323627	47.42 0.98 0.00	44.66 0.65 0.00	40.03 0.61 0.00	39.22 0.73 0.00	39.29 0.66 0.00	44.59 0.91 0.00	41.92 1.20 0.00	34.05 1.17 0.00	39.80 1.38 0.00	47.69 1.62 0.00	46.17 1.75 0.00	46.97 2.11 0.00	49.41 2.19 0.00	48.87 2.71 0.00	51.92 3.16 0.00	53.69 3.27 -0.21	50.69 3.03 -2.17	45.94 3.06 4.71	53.45 2.97 0.00	50.37 2.51 0.00	53.31 2.41 0.00	51.88 2.07 0.00	44.22 2.03 0.00	46.50 1.93 0.00
WEST BABYLON___IC 23714	48.43 1.98 0.00	45.71 1.70 0.00	41.03 1.61 0.00	40.14 1.65 0.00	40.19 1.57 0.00	45.44 1.75 0.00	42.70 1.99 0.00	34.77 1.89 0.00	40.53 2.11 0.00	48.81 2.75 0.00	47.33 2.91 0.00	48.19 3.33 0.00	50.10 3.13 0.24	49.34 3.54 0.35	51.33 3.97 1.40	49.69 4.41 4.92	52.37 4.16 -2.70	59.65 4.22 -7.84	54.03 3.55 0.00	50.92 3.06 0.00	54.08 3.18 0.00	51.26 2.71 1.26	31.75 2.64 13.08	39.95 2.59 7.20
WEST CANADA___HYD 24049	46.47 0.03 0.00	43.99 -0.02 0.00	39.42 0.00 0.00	38.53 0.04 0.00	38.62 0.00 0.00	43.68 0.00 0.00	40.76 0.04 0.00	32.92 0.04 0.00	38.49 0.07 0.00	46.11 0.05 0.00	44.46 0.04 0.00	44.94 0.08 0.00	47.27 0.06 0.00	46.30 0.15 0.00	48.98 0.21 0.00	50.46 0.26 0.00	45.75 0.25 0.00	47.82 0.23 0.00	50.70 0.22 0.00	48.02 0.16 0.00	51.00 0.10 0.00	49.81 0.01 0.00	42.29 0.10 0.00	44.66 0.09 0.00
WESTERN_NY_WIND 24143	46.66 0.22 0.00	44.10 0.09 0.00	39.05 -0.37 0.00	38.01 -0.48 0.00	38.49 -0.14 0.00	43.30 -0.39 0.00	40.12 -0.60 0.00	30.24 -0.59 2.05	37.43 -0.98 0.00	45.05 -1.01 0.00	44.09 -0.33 0.00	43.52 -1.34 0.00	45.86 -1.30 0.06	44.50 -1.65 0.00	46.78 -1.98 0.00	48.78 -1.43 -0.01	44.36 -1.23 -0.09	44.88 -1.09 1.62	49.67 -0.80 0.00	47.89 0.03 0.00	51.17 0.27 0.00	49.32 -0.49 0.00	41.63 -0.55 0.02	44.43 -0.14 0.00
WESTOVER___LESR 323668	46.52 0.07 0.00	43.99 -0.03 0.00	39.09 -0.34 0.00	38.37 -0.12 0.00	38.63 0.01 0.00	43.57 -0.11 0.00	40.71 -0.01 0.00	32.86 -0.02 0.00	38.36 -0.06 0.00	45.95 -0.12 0.00	44.37 -0.05 0.00	44.79 -0.07 0.00	46.97 -0.20 0.04	46.11 -0.05 0.00	48.85 0.08 0.00	50.32 0.09 -0.02	45.67 -0.03 -0.20	45.24 -0.05 2.30	50.74 0.26 0.00	48.14 0.27 0.00	51.18 0.28 0.00	49.69 -0.11 0.00	42.05 -0.13 0.01	44.48 -0.09 0.00
WETHRSFD_WT_PWR 323626	44.88 -1.57 0.00	42.08 -1.93 0.00	36.98 -2.44 0.00	36.15 -2.34 0.00	36.53 -2.10 0.00	41.23 -2.46 0.00	38.17 -2.54 0.00	15.50 -2.16 15.22	28.52 -2.94 6.96	43.15 -2.91 0.00	41.77 -2.65 0.00	41.41 -3.44 0.00	43.32 -3.81 0.10	42.29 -3.87 0.00	44.51 -4.26 0.00	46.14 -4.07 -0.01	42.12 -3.50 -0.12	41.26 -3.53 2.80	46.83 -3.65 0.00	44.87 -2.99 0.00	47.91 -2.99 0.00	46.35 -3.45 0.00	39.17 -3.00 0.03	41.99 -2.58 0.00
WHAVSTOR_138KV_BK127 55557	47.93 1.48 0.00	45.16 1.15 0.00	40.50 1.08 0.00	39.68 1.19 0.00	39.77 1.15 0.00	45.15 1.47 0.00	42.50 1.78 0.00	34.53 1.65 0.00	40.34 1.92 0.00	48.38 2.31 0.00	46.91 2.49 0.00	47.75 2.89 0.00	50.10 2.89 0.00	49.48 3.33 0.00	52.51 3.75 0.00	54.42 3.96 -0.26	51.59 3.50 -2.59	36.88 3.49 14.20	53.54 3.06 0.00	50.43 2.57 0.00	53.37 2.47 0.00	52.00 2.19 0.00	44.49 2.30 0.00	46.83 2.26 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	47.93 1.48 0.00	45.16 1.15 0.00	40.50 1.08 0.00	39.68 1.19 0.00	39.77 1.15 0.00	45.15 1.47 0.00	42.50 1.78 0.00	34.53 1.65 0.00	40.34 1.92 0.00	48.38 2.31 0.00	46.91 2.49 0.00	47.75 2.89 0.00	50.10 2.89 0.00	49.48 3.33 0.00	52.51 3.75 0.00	54.42 3.96 -0.26	51.59 3.50 -2.59	36.88 3.49 14.20	53.54 3.06 0.00	50.43 2.57 0.00	53.37 2.47 0.00	52.00 2.19 0.00	44.49 2.30 0.00	46.83 2.26 0.00
WHITEHAL_115KV_TB1 80871	51.38 4.93 0.00	47.13 3.11 0.00	42.19 2.76 0.00	41.31 2.82 0.00	41.53 2.91 0.00	47.30 3.61 0.00	44.45 3.73 0.00	36.32 3.44 0.00	42.95 4.53 0.00	50.71 4.65 0.00	47.44 3.03 0.00	47.85 3.00 0.00	50.08 2.87 0.00	49.13 2.98 0.00	53.42 4.65 0.00	54.77 4.55 -0.02	50.46 4.80 -0.16	54.04 5.40 -1.05	57.03 6.55 0.00	53.93 6.06 0.00	57.13 6.23 0.00	55.30 5.49 0.00	47.33 5.14 0.00	50.01 5.44 0.00
WHITEPLN_13_KV_LOAD 356215	48.52 2.08 0.00	45.67 1.66 0.00	40.96 1.54 0.00	40.11 1.62 0.00	40.21 1.58 0.00	45.66 1.97 0.00	43.01 2.29 0.00	35.00 2.12 0.00	41.02 2.60 0.00	49.24 3.17 0.00	47.79 3.37 0.00	48.68 3.82 0.00	51.08 3.86 0.00	50.49 4.34 0.00	53.59 4.83 0.00	55.61 5.14 -0.27	52.76 4.57 -2.70	60.26 4.56 -8.11	54.66 4.19 0.00	51.46 3.60 0.00	54.39 3.49 0.00	52.94 3.13 0.00	45.24 3.05 0.00	47.60 3.03 0.00
WM_FLOYD_69_KV_BK2 356380	47.74 1.30 0.00	45.08 1.07 0.00	40.46 1.04 0.00	39.56 1.07 0.00	39.61 0.99 0.00	44.70 1.01 0.00	41.97 1.25 0.00	34.22 1.34 0.00	39.86 1.44 0.00	47.91 1.84 0.00	46.50 2.08 0.00	47.44 2.59 0.00	49.23 2.31 0.29	48.44 2.76 0.47	49.93 3.07 1.90	46.83 3.47 6.84	51.59 3.39 -2.70	58.92 3.49 -7.84	53.37 2.90 0.00	50.22 2.36 0.00	53.47 2.56 0.00	50.36 1.99 1.43	29.40 2.13 14.93	38.09 1.74 8.21
WOODARD__115KV_TB2 355635	45.87 -0.57 0.00	43.59 -0.43 0.00	38.93 -0.49 0.00	38.04 -0.45 0.00	38.22 -0.41 0.00	43.15 -0.53 0.00	40.14 -0.58 0.00	32.38 -0.50 0.00	37.84 -0.58 0.00	45.39 -0.67 0.00	43.89 -0.53 0.00	44.31 -0.54 0.00	46.63 -0.59 0.00	45.64 -0.51 0.00	48.30 -0.47 0.00	49.84 -0.36 0.00	45.15 -0.35 0.00	47.26 -0.33 0.00	50.25 -0.22 0.00	47.68 -0.18 0.00	50.58 -0.32 0.00	49.22 -0.59 0.00	41.64 -0.55 0.00	43.93 -0.64 0.00
WOODMERE_69_KV_BK1 55827	48.55 2.11 0.00	45.76 1.75 0.00	41.02 1.60 0.00	40.14 1.65 0.00	40.21 1.59 0.00	45.52 1.84 0.00	42.81 2.09 0.00	34.85 1.97 0.00	40.78 2.35 0.00	49.11 3.04 0.00	47.72 3.30 0.00	48.63 3.77 0.00	51.26 3.68 -0.37	50.52 4.13 -0.24	53.37 4.62 0.02	55.30 4.84 -0.27	52.64 4.44 -2.70	59.97 4.54 -7.84	54.49 4.01 0.00	51.22 3.36 0.00	54.15 3.25 0.00	52.73 2.93 0.00	45.09 2.90 0.00	47.45 2.88 0.00
YORK___WARBASSE 23770	48.32 1.88 0.00	45.52 1.51 0.00	40.88 1.46 0.00	40.05 1.55 0.00	40.12 1.50 0.00	45.61 1.93 0.00	43.02 2.30 0.00	35.01 2.13 0.00	40.97 2.55 0.00	49.14 3.07 0.00	47.77 3.35 0.00	48.61 3.76 0.00	50.87 3.65 0.00	50.33 4.17 0.00	53.44 4.67 -0.01	55.40 4.93 -0.27	52.51 4.31 -2.70	59.61 4.16 -7.86	54.23 3.76 0.00	50.99 3.13 0.00	53.93 3.03 0.00	52.60 2.79 0.00	45.17 2.98 0.00	47.55 2.98 0.00