

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion									
Generator Data		08/01/2025																													
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	45.44	40.75	36.87	33.07	33.33	35.08	40.39	43.85	45.84	43.69	41.58	41.49	42.06	43.99	44.53	47.40	50.18	53.02	59.29	59.04	55.40	48.54	42.11	38.31						
		3.29	3.02	2.51	2.22	2.21	2.39	2.85	3.06	3.36	3.24	3.01	2.93	3.01	3.07	2.99	3.18	3.37	2.86	3.14	2.92	2.74	2.53	2.16	1.82						
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_1	24260	45.48	40.79	36.90	33.10	33.36	35.08	40.35	43.85	45.80	43.69	41.54	41.49	42.03	43.94	44.49	47.40	50.14	53.02	59.29	59.04	55.40	48.54	42.15	38.31						
		3.33	3.06	2.54	2.25	2.24	2.39	2.82	3.06	3.31	3.24	2.97	2.93	2.97	3.03	2.95	3.18	3.32	2.86	3.14	2.92	2.74	2.53	2.20	1.82						
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
74TH STREET_GT_2	24261	45.48	40.79	36.90	33.10	33.36	35.08	40.35	43.85	45.80	43.69	41.54	41.49	42.03	43.94	44.49	47.40	50.14	53.02	59.29	59.04	55.40	48.54	42.15	38.31						
		3.33	3.06	2.54	2.25	2.24	2.39	2.82	3.06	3.31	3.24	2.97	2.93	2.97	3.03	2.95	3.18	3.32	2.86	3.14	2.92	2.74	2.53	2.20	1.82						
		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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK HUDSON___FALLS	24011	44.34	39.73	36.25	32.46	32.80	34.53	39.56	42.87	44.57	42.20	39.92	39.80	40.19	42.02	42.62	45.37	48.12	51.82	58.39	58.48	55.56	48.41	41.87	38.24						
		2.19	2.00	1.89	1.60	1.68	1.83	2.03	2.08	2.08	1.74	1.35	1.23	1.13	1.10	1.08	1.15	1.31	1.66	2.25	2.36	2.90	2.39	1.92	1.75						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK RESOURCE___RCVRY	23798	44.55	39.92	36.42	32.61	32.96	34.69	39.75	43.07	44.78	42.36	40.07	39.91	40.31	42.19	42.66	45.59	48.31	52.07	58.73	58.76	55.93	48.68	42.07	38.42						
		2.40	2.19	2.06	1.76	1.84	1.99	2.21	2.28	2.29	1.90	1.50	1.35	1.25	1.27	1.12	1.37	1.50	1.91	2.58	2.64	3.27	2.67	2.12	1.93						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK S GLENS___FALLS	24028	44.34	39.73	36.25	32.46	32.80	34.53	39.56	42.87	44.57	42.20	39.92	39.80	40.19	42.02	42.62	45.37	48.12	51.82	58.39	58.48	55.56	48.41	41.87	38.24						
		2.19	2.00	1.89	1.60	1.68	1.83	2.03	2.08	2.08	1.74	1.35	1.23	1.13	1.10	1.08	1.15	1.31	1.66	2.25	2.36	2.90	2.39	1.92	1.75						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ADK_NYS___DAM	23527	44.18	39.62	36.08	32.52	32.80	34.43	39.45	42.71	44.35	42.23	40.15	40.11	40.54	42.31	42.87	45.63	48.40	51.97	57.94	57.75	54.61	47.81	41.47	37.87						
		2.02	1.89	1.72	1.66	1.68	1.73	1.91	1.92	1.87	1.78	1.58	1.54	1.48	1.39	1.33	1.41	1.59	1.80	1.80	1.63	1.95	1.79	1.52	1.39						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AIR_PRODUCTS___DRP	24190	42.57	38.15	34.77	31.38	31.71	33.25	37.99	41.32	42.95	40.86	38.88	38.75	39.29	41.00	41.50	44.17	46.81	50.16	56.14	56.07	52.77	46.20	40.07	36.52						
		0.42	0.42	0.41	0.52	0.59	0.56	0.45	0.53	0.47	0.40	0.31	0.19	0.23	0.08	-0.04	-0.04	0.00	0.00	-0.06	0.11	0.18	0.12	0.04							
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
AKWESSNE_115KV_BK	355683	42.03	37.65	34.26	30.73	30.97	32.53	37.54	40.95	42.61	40.66	38.76	38.64	39.06	40.92	41.58	44.26	46.67	50.21	56.25	56.29	52.61	46.10	40.11	36.56						
		-0.13	-0.08	-0.10	-0.12	-0.16	-0.16	0.00	0.16	0.13	0.20	0.19	0.08	0.00	0.00	0.04	0.04	-0.14	0.05	0.11	0.17	-0.05	0.09	0.16	0.07						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_1_SOLAR	323833	43.42	38.90	35.43	31.93	32.21	33.81	38.63	41.89	43.46	41.22	39.15	38.99	39.49	41.28	41.83	44.61	47.33	50.77	57.10	57.08	53.87	47.07	40.79	37.26						
		1.26	1.17	1.07	1.08	1.09	1.11	1.09	1.10	0.98	0.77	0.58	0.42	0.43	0.37	0.29	0.40	0.52	0.60	0.95	0.95	1.21	1.06	0.84	0.77						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY_2_SOLAR	323834	43.38	38.86	35.43	31.93	32.21	33.81	38.63	41.89	43.46	41.22	39.15	38.99	39.49	41.28	41.79	44.57	47.33	50.77	57.04	57.08	53.87	47.07	40.79	37.26						
		1.22	1.13	1.07	1.08	1.09	1.11	1.09	1.10	0.98	0.77	0.58	0.42	0.43	0.37	0.25	0.35	0.52	0.60	0.90	0.95	1.21	1.06	0.84	0.77						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
ALBANY___I	23571	42.57	38.15	34.77	31.38	31.71	33.25	37.99	41.32	42.95	40.86	38.88	38.75	39.29	41.00	41.50	44.17	46.81	50.16	56.14	56.07	52.77	46.20	40.07	36.52						
		0.42	0.42	0.41	0.52	0.59	0.56	0.45	0.53	0.47	0.40	0.31	0.19	0.23	0.08	-0.04	-0.04	0.00	0.00	0.00	-0.06	0.11	0.18	0.12	0.04						
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						

ALBANY___2 23572	42.57 0.42 0.00	38.15 0.42 0.00	34.77 0.41 0.00	31.38 0.52 0.00	31.71 0.59 0.00	33.25 0.56 0.00	37.99 0.45 0.00	41.32 0.53 0.00	42.95 0.47 0.00	40.86 0.40 0.00	38.88 0.31 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.00 0.08 0.00	41.50 -0.04 0.00	44.17 -0.04 0.00	46.81 0.00 0.00	50.16 0.00 0.00	56.14 0.00 0.00	56.07 -0.06 0.00	52.77 0.11 0.00	46.20 0.18 0.00	40.07 0.12 0.00	36.52 0.04 0.00
ALBANY___3 23573	42.57 0.42 0.00	38.15 0.42 0.00	34.77 0.41 0.00	31.38 0.52 0.00	31.71 0.59 0.00	33.25 0.56 0.00	37.99 0.45 0.00	41.32 0.53 0.00	42.95 0.47 0.00	40.86 0.40 0.00	38.88 0.31 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.00 0.08 0.00	41.50 -0.04 0.00	44.17 -0.04 0.00	46.81 0.00 0.00	50.16 0.00 0.00	56.14 0.00 0.00	56.07 -0.06 0.00	52.77 0.11 0.00	46.20 0.18 0.00	40.07 0.12 0.00	36.52 0.04 0.00
ALBANY___4 23574	42.57 0.42 0.00	38.15 0.42 0.00	34.77 0.41 0.00	31.38 0.52 0.00	31.71 0.59 0.00	33.25 0.56 0.00	37.99 0.45 0.00	41.32 0.53 0.00	42.95 0.47 0.00	40.86 0.40 0.00	38.88 0.31 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.00 0.08 0.00	41.50 -0.04 0.00	44.17 -0.04 0.00	46.81 0.00 0.00	50.16 0.00 0.00	56.14 0.00 0.00	56.07 -0.06 0.00	52.77 0.11 0.00	46.20 0.18 0.00	40.07 0.12 0.00	36.52 0.04 0.00
ALBANY___LFGE 323615	43.04 0.89 0.00	38.52 0.79 0.00	35.12 0.76 0.00	31.69 0.83 0.00	31.99 0.87 0.00	33.58 0.88 0.00	38.36 0.82 0.00	41.73 0.94 0.00	43.38 0.89 0.00	41.22 0.77 0.00	39.26 0.69 0.00	39.14 0.58 0.00	39.64 0.59 0.00	41.45 0.53 0.00	41.91 0.37 0.00	44.66 0.44 0.00	47.33 0.52 0.00	50.72 0.55 0.00	56.82 0.68 0.00	56.69 0.56 0.00	53.40 0.74 0.00	46.66 0.64 0.00	40.43 0.48 0.00	36.93 0.44 0.00
ALCOA_PA_115KV_PL-6C 55860	42.24 0.08 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.88 0.03 0.00	31.12 0.00 0.00	32.70 0.00 0.00	37.72 0.19 0.00	41.20 0.41 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.96 0.39 0.00	38.83 0.27 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.79 0.25 0.00	44.48 0.27 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.48 0.34 0.00	56.57 0.45 0.00	52.92 0.26 0.00	46.43 0.41 0.00	40.39 0.44 0.00	36.74 0.26 0.00
ALCOA_RYNLDS___DRP 24188	42.24 0.08 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.88 0.03 0.00	31.12 0.00 0.00	32.70 0.00 0.00	37.72 0.19 0.00	41.20 0.41 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.96 0.39 0.00	38.83 0.27 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.79 0.25 0.00	44.48 0.27 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.48 0.34 0.00	56.57 0.45 0.00	52.92 0.26 0.00	46.43 0.41 0.00	40.39 0.44 0.00	36.74 0.26 0.00
ALCOA___DSASP 323711	42.24 0.08 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.12 0.00 0.00	32.70 0.00 0.00	37.72 0.19 0.00	41.20 0.41 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.96 0.39 0.00	38.83 0.27 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.75 0.21 0.00	44.48 0.27 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.48 0.34 0.00	56.57 0.45 0.00	52.93 0.26 0.00	46.43 0.41 0.00	40.39 0.44 0.00	36.75 0.26 0.00
ALLEGHENY___COGEN 23514	43.88 1.73 0.00	39.16 1.43 0.00	35.94 1.58 0.00	31.87 1.02 0.00	32.33 1.21 0.00	34.17 1.47 0.00	38.85 1.31 0.00	41.36 0.57 0.00	41.93 -0.55 0.00	39.65 -0.81 0.00	37.88 -0.69 0.00	38.37 -0.19 0.00	39.06 0.00 0.00	41.16 0.25 0.00	42.45 0.91 0.00	45.06 0.84 0.00	47.65 0.84 0.00	51.72 1.56 0.00	58.44 2.30 0.00	59.61 3.48 0.00	56.61 3.95 0.00	49.28 3.27 0.00	43.19 3.23 0.00	39.44 2.95 0.00
ALTAMONT_115KV_TB 2 55880	43.12 0.97 0.00	38.64 0.91 0.00	35.19 0.82 0.00	31.65 0.80 0.00	31.99 0.87 0.00	33.55 0.85 0.00	38.44 0.90 0.00	41.69 0.90 0.00	43.38 0.89 0.00	41.27 0.81 0.00	39.26 0.69 0.00	39.18 0.62 0.00	39.68 0.62 0.00	41.49 0.57 0.00	42.08 0.54 0.00	44.75 0.53 0.00	47.47 0.66 0.00	50.81 0.65 0.00	56.87 0.73 0.00	56.80 0.67 0.00	53.50 0.84 0.00	46.79 0.78 0.00	40.59 0.64 0.00	37.04 0.55 0.00
ALTONA_WT_PWR 323606	42.53 0.38 0.00	38.07 0.34 0.00	34.64 0.27 0.00	31.01 0.16 0.00	31.28 0.16 0.00	32.86 0.16 0.00	37.91 0.38 0.00	41.44 0.65 0.00	43.08 0.59 0.00	41.10 0.65 0.00	39.18 0.62 0.00	39.06 0.50 0.00	39.45 0.39 0.00	41.33 0.41 0.00	42.00 0.46 0.00	44.75 0.53 0.00	47.18 0.37 0.00	50.81 0.65 0.00	56.93 0.79 0.00	57.08 0.95 0.00	53.40 0.74 0.00	46.75 0.73 0.00	40.63 0.68 0.00	37.04 0.55 0.00
AMERICAN_REF_FUEL 24010	41.52 -0.63 0.00	37.20 -0.53 0.00	34.29 -0.07 0.00	29.86 -0.99 0.00	30.78 -0.34 0.00	32.60 -0.10 0.00	36.30 -1.24 0.00	38.35 -2.45 0.00	39.08 -3.40 0.00	37.42 -3.03 0.00	36.14 -2.43 0.00	37.37 -1.20 0.00	38.23 -0.82 0.00	40.26 -0.66 0.00	41.67 0.13 0.00	44.00 -0.22 0.00	45.97 -0.84 0.00	49.26 -0.90 0.00	54.29 -1.85 0.00	54.55 -1.57 0.00	51.40 -1.26 0.00	44.77 -1.24 0.00	40.27 0.32 0.00	37.84 1.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.86 -0.29 0.00	37.47 -0.26 0.00	34.53 0.17 0.00	30.51 -0.34 0.00	30.97 -0.15 0.00	32.80 0.10 0.00	37.09 -0.45 0.00	39.61 -1.18 0.00	40.57 -1.91 0.00	38.76 -1.70 0.00	37.53 -1.04 0.00	38.68 0.12 0.00	39.60 0.55 0.00	41.69 0.78 0.00	43.03 1.49 0.00	45.41 1.19 0.00	47.65 0.84 0.00	50.92 0.75 0.00	56.42 0.28 0.00	56.74 0.62 0.00	53.66 1.00 0.00	46.52 0.51 0.00	41.75 1.80 0.00	38.60 2.12 0.00
ARTHUR KILL_GT_1 23520	45.69 3.54 0.00	40.94 3.21 0.00	37.04 2.68 0.00	33.20 2.34 0.00	33.43 2.30 0.00	35.08 2.39 0.00	40.28 2.74 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.91 2.85 0.00	43.90 2.99 0.00	44.49 2.95 0.00	47.49 3.27 0.00	49.90 3.09 0.00	52.21 2.06 0.01	58.33 2.19 0.00	58.20 2.08 0.00	54.61 1.95 0.00	48.04 2.02 0.00	42.03 2.08 0.00	38.31 1.82 0.00
ARTHUR_KILL_2 23512	45.53 3.37 -0.01	40.79 3.05 -0.01	36.88 2.51 -0.01	33.08 2.22 -0.01	33.31 2.18 -0.01	34.95 2.25 0.00	40.12 2.59 0.00	43.48 2.69 0.00	45.37 2.89 0.00	43.29 2.83 0.00	41.19 2.62 0.00	41.15 2.58 0.00	41.75 2.69 0.00	43.74 2.82 0.00	44.32 2.78 0.00	47.31 3.09 0.00	49.71 2.90 0.00	52.06 1.91 0.01	58.04 1.91 0.01	57.86 1.74 0.01	54.39 1.74 0.01	47.76 1.75 0.00	41.75 1.80 0.00	38.20 1.72 0.00
ARTHUR_KILL_3 23513	45.02 2.87 0.00	40.33 2.60 0.00	36.49 2.13 0.00	32.73 1.88 0.00	32.99 1.87 0.00	34.73 2.03 0.00	39.94 2.40 0.00	43.40 2.61 0.00	45.29 2.80 0.00	43.21 2.75 0.00	41.15 2.58 0.00	41.07 2.51 0.00	41.59 2.54 0.00	43.50 2.58 0.00	43.99 2.45 0.00	46.87 2.65 0.00	49.62 2.81 0.00	52.37 2.20 0.00	58.55 2.41 0.00	58.26 2.13 0.00	54.77 2.11 0.00	47.99 1.98 0.00	41.59 1.64 0.00	37.91 1.42 0.00

ARTHUR_KILL_COGEN 323718	45.66 3.50 -0.01	40.94 3.21 -0.01	37.02 2.65 -0.01	33.20 2.34 -0.01	33.43 2.30 -0.01	35.05 2.36 0.00	40.24 2.70 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.90 2.99 0.00	44.45 2.91 0.00	47.49 3.27 0.00	49.90 3.09 0.00	52.21 2.06 0.01	58.32 2.19 0.01	58.08 1.96 0.01	54.60 1.95 0.01	47.94 1.93 0.00	41.91 1.96 0.00	38.31 1.82 0.00
ASHOKAN____ 23654	43.80 1.64 0.00	39.20 1.47 0.00	35.49 1.13 0.00	31.93 1.08 0.00	32.18 1.06 0.00	33.74 1.05 0.00	38.63 1.09 0.00	41.69 0.90 0.00	43.38 0.89 0.00	41.14 0.69 0.00	39.03 0.46 0.00	38.79 0.23 0.00	39.33 0.28 0.00	41.08 0.16 0.00	41.71 0.17 0.00	44.57 0.35 0.00	47.51 0.70 0.00	50.92 0.75 0.00	57.43 1.29 0.00	57.36 1.23 0.00	54.03 1.37 0.00	47.21 1.19 0.00	40.87 0.92 0.00	37.29 0.80 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.45 3.29 -0.01	40.72 2.98 -0.01	36.91 2.54 -0.01	33.14 2.28 -0.01	33.37 2.24 -0.01	35.05 2.36 0.00	40.20 2.67 0.00	43.40 2.61 0.00	45.28 2.80 0.01	43.20 2.75 0.01	41.11 2.54 0.01	41.02 2.47 0.01	41.59 2.54 0.01	43.53 2.62 0.01	44.03 2.49 0.01	47.04 2.83 0.01	49.66 2.86 0.01	52.11 1.95 0.01	58.15 2.02 0.01	57.97 1.85 0.01	54.44 1.79 0.01	47.85 1.84 0.00	41.67 1.72 0.00	38.17 1.68 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.45 3.29 -0.01	40.72 2.98 -0.01	36.91 2.54 -0.01	33.14 2.28 -0.01	33.37 2.24 -0.01	35.05 2.36 0.00	40.20 2.67 0.00	43.40 2.61 0.00	45.28 2.80 0.01	43.20 2.75 0.01	41.11 2.54 0.01	41.02 2.47 0.01	41.59 2.54 0.01	43.53 2.62 0.01	44.03 2.49 0.01	47.04 2.83 0.01	49.66 2.86 0.01	52.11 1.95 0.01	58.15 2.02 0.01	57.97 1.85 0.01	54.44 1.79 0.01	47.85 1.84 0.00	41.67 1.72 0.00	38.17 1.68 0.00
ASTORIA_GT2_1 24094	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT2_2 24095	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT2_3 24096	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT2_4 24097	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT3_1 24098	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT3_2 24099	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT3_3 24100	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT3_4 24101	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT4_1 24102	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT4_2 24103	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT4_3 24104	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00

ASTORIA_GT4_4 24105	45.48 3.33 0.00	40.79 3.06 0.00	36.94 2.58 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.08 2.39 0.00	40.24 2.70 0.00	43.44 2.65 0.00	45.37 2.89 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.67 2.62 0.00	43.58 2.66 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.99 1.98 0.00	41.83 1.88 0.00	38.17 1.68 0.00
ASTORIA_GT_1 23523	45.57 3.41 0.00	40.86 3.13 0.00	37.01 2.65 0.00	33.20 2.34 0.00	33.46 2.33 0.00	35.15 2.45 0.00	40.31 2.78 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.33 2.87 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.15 2.02 0.00	54.56 1.90 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.24 1.75 0.00
ASTORIA_GT_10 24110	45.36 3.20 0.00	40.67 2.94 0.00	36.84 2.47 0.00	33.04 2.19 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.52 2.73 0.00	45.50 3.02 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.27 2.11 0.00	58.39 2.25 0.00	58.15 2.02 0.00	54.61 1.95 0.00	47.99 1.98 0.00	41.79 1.84 0.00	38.09 1.61 0.00
ASTORIA_GT_11 24225	45.36 3.20 0.00	40.67 2.94 0.00	36.84 2.47 0.00	33.04 2.19 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.52 2.73 0.00	45.50 3.02 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.27 2.11 0.00	58.39 2.25 0.00	58.15 2.02 0.00	54.61 1.95 0.00	47.99 1.98 0.00	41.79 1.84 0.00	38.09 1.61 0.00
ASTORIA_GT_12 24226	45.36 3.20 0.00	40.67 2.94 0.00	36.84 2.47 0.00	33.04 2.19 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.52 2.73 0.00	45.50 3.02 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.27 2.11 0.00	58.39 2.25 0.00	58.15 2.02 0.00	54.61 1.95 0.00	47.99 1.98 0.00	41.79 1.84 0.00	38.09 1.61 0.00
ASTORIA_GT_13 24227	45.36 3.20 0.00	40.67 2.94 0.00	36.84 2.47 0.00	33.04 2.19 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.52 2.73 0.00	45.50 3.02 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.27 2.11 0.00	58.39 2.25 0.00	58.15 2.02 0.00	54.61 1.95 0.00	47.99 1.98 0.00	41.79 1.84 0.00	38.09 1.61 0.00
ASTORIA_GT_5 24106	45.57 3.41 0.00	40.86 3.13 0.00	37.01 2.65 0.00	33.20 2.34 0.00	33.46 2.33 0.00	35.15 2.45 0.00	40.31 2.78 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.33 2.87 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.15 2.02 0.00	54.56 1.90 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.24 1.75 0.00
ASTORIA_GT_7 24107	45.57 3.41 0.00	40.86 3.13 0.00	37.01 2.65 0.00	33.20 2.34 0.00	33.46 2.33 0.00	35.15 2.45 0.00	40.31 2.78 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.33 2.87 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.15 2.02 0.00	54.56 1.90 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.24 1.75 0.00
ASTORIA_GT_8 24108	45.57 3.41 0.00	40.86 3.13 0.00	37.01 2.65 0.00	33.20 2.34 0.00	33.46 2.33 0.00	35.15 2.45 0.00	40.31 2.78 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.33 2.87 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.15 2.02 0.00	54.56 1.90 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.24 1.75 0.00
ASTORIA___2 24149	45.49 3.33 -0.01	40.76 3.02 -0.01	36.91 2.54 -0.01	33.18 2.32 -0.01	33.37 2.24 -0.01	35.05 2.36 0.00	40.20 2.67 0.00	43.44 2.65 0.00	45.32 2.85 0.01	43.20 2.75 0.01	41.15 2.58 0.01	41.06 2.51 0.01	41.63 2.58 0.01	43.53 2.62 0.01	44.07 2.53 0.01	47.04 2.83 0.01	49.66 2.86 0.01	52.11 1.95 0.01	58.21 2.08 0.01	57.97 1.85 0.01	54.44 1.79 0.01	47.85 1.84 0.00	41.71 1.76 0.00	38.17 1.68 0.00
ASTORIA___3 23516	45.36 3.20 -0.01	40.64 2.91 -0.01	36.81 2.44 -0.01	33.05 2.19 -0.01	33.28 2.15 -0.01	34.95 2.25 0.00	40.16 2.63 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.33 2.87 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.27 2.11 0.00	58.32 2.19 0.01	58.08 1.96 0.01	54.60 1.95 0.01	47.90 1.89 0.00	41.67 1.72 0.00	38.09 1.60 0.00
ASTORIA___4 23517	45.36 3.20 0.00	40.67 2.94 0.00	36.84 2.47 0.00	33.04 2.19 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.52 2.73 0.00	45.50 3.02 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.27 2.11 0.00	58.33 2.19 0.00	58.15 2.02 0.00	54.61 1.95 0.00	47.99 1.98 0.00	41.79 1.84 0.00	38.09 1.61 0.00
ASTORIA___5 23518	45.36 3.20 -0.01	40.64 2.91 -0.01	36.81 2.44 -0.01	33.05 2.19 -0.01	33.28 2.15 -0.01	34.95 2.25 0.00	40.16 2.63 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.33 2.87 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.27 2.11 0.00	58.32 2.19 0.01	58.08 1.96 0.01	54.60 1.95 0.01	47.90 1.89 0.00	41.67 1.72 0.00	38.09 1.60 0.00
AST_ENERGY_2_CC3 323677	36.63 2.95 8.47	35.32 2.68 5.09	35.32 2.20 1.24	32.80 1.94 0.00	33.05 1.93 0.00	34.78 2.09 0.01	35.32 2.48 4.69	35.32 2.69 8.16	35.32 2.89 10.05	35.32 2.83 7.97	33.93 2.62 7.26	33.93 2.54 7.18	33.93 2.58 7.70	33.93 2.62 9.61	33.93 2.53 10.15	33.93 2.74 13.03	33.93 2.86 15.74	33.93 2.36 18.59	39.10 2.58 19.62	38.92 2.30 19.51	35.47 2.21 19.41	35.80 2.02 12.24	33.93 1.72 7.74	33.93 1.53 4.09
AST_ENERGY_2_CC4 323678	36.63 2.95 8.47	35.32 2.68 5.09	35.32 2.20 1.24	32.80 1.94 0.00	33.05 1.93 0.00	34.78 2.09 0.01	35.32 2.48 4.69	35.32 2.69 8.16	35.32 2.89 10.05	35.32 2.83 7.97	33.93 2.62 7.26	33.93 2.54 7.18	33.93 2.58 7.70	33.93 2.62 9.61	33.93 2.53 10.15	33.93 2.74 13.03	33.93 2.86 15.74	33.93 2.36 18.59	39.10 2.58 19.62	38.92 2.30 19.51	35.47 2.21 19.41	35.80 2.02 12.24	33.93 1.72 7.74	33.93 1.53 4.09

ATHENS_STG_1 23668	43.46 1.31 0.00	38.97 1.24 0.00	35.39 1.03 0.00	31.90 1.05 0.00	32.18 1.06 0.00	33.74 1.05 0.00	38.70 1.16 0.00	41.98 1.18 0.00	43.72 1.23 0.00	41.63 1.17 0.00	39.61 1.04 0.00	39.53 0.96 0.00	40.07 1.01 0.00	41.86 0.94 0.00	42.41 0.87 0.00	45.15 0.93 0.00	47.89 1.08 0.00	51.07 0.90 0.00	57.15 1.01 0.00	56.97 0.84 0.00	53.61 0.95 0.00	46.88 0.87 0.00	40.67 0.72 0.00	37.15 0.66 0.00
ATHENS_STG_2 23670	43.46 1.31 0.00	38.97 1.24 0.00	35.39 1.03 0.00	31.90 1.05 0.00	32.18 1.06 0.00	33.74 1.05 0.00	38.70 1.16 0.00	41.98 1.18 0.00	43.72 1.23 0.00	41.63 1.17 0.00	39.61 1.04 0.00	39.53 0.96 0.00	40.07 1.01 0.00	41.86 0.94 0.00	42.41 0.87 0.00	45.15 0.93 0.00	47.89 1.08 0.00	51.07 0.90 0.00	57.15 1.01 0.00	56.97 0.84 0.00	53.61 0.95 0.00	46.88 0.87 0.00	40.67 0.72 0.00	37.15 0.66 0.00
ATHENS_STG_3 23677	43.46 1.31 0.00	38.97 1.24 0.00	35.39 1.03 0.00	31.90 1.05 0.00	32.18 1.06 0.00	33.74 1.05 0.00	38.70 1.16 0.00	41.98 1.18 0.00	43.72 1.23 0.00	41.63 1.17 0.00	39.61 1.04 0.00	39.53 0.96 0.00	40.07 1.01 0.00	41.86 0.94 0.00	42.41 0.87 0.00	45.15 0.93 0.00	47.89 1.08 0.00	51.07 0.90 0.00	57.15 1.01 0.00	56.97 0.84 0.00	53.61 0.95 0.00	46.88 0.87 0.00	40.67 0.72 0.00	37.15 0.66 0.00
AUBURN___LFGE 323710	42.32 0.17 0.00	37.88 0.15 0.00	34.57 0.21 0.00	30.94 0.09 0.00	31.18 0.06 0.00	32.83 0.13 0.00	37.65 0.11 0.00	40.87 0.08 0.00	42.27 -0.21 0.00	40.21 -0.24 0.00	38.42 -0.15 0.00	38.48 -0.08 0.00	39.02 -0.04 0.00	41.04 0.12 0.00	41.79 0.25 0.00	44.53 0.31 0.00	47.09 0.28 0.00	50.56 0.40 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.56 0.55 0.00	40.43 0.48 0.00	36.96 0.47 0.00
BABYLON_RES_REC 323704	46.21 4.05 -0.01	41.55 3.81 -0.01	37.64 3.27 -0.01	33.76 2.90 -0.01	34.03 2.89 -0.01	35.81 3.11 -0.01	41.11 3.57 -0.01	44.42 3.63 0.00	45.80 3.32 0.00	44.11 3.64 -0.01	41.77 3.20 0.00	41.77 3.20 -0.01	42.26 3.20 0.00	43.86 2.95 0.00	44.37 2.83 0.00	46.96 2.74 0.00	49.95 3.14 0.00	52.92 2.76 0.00	59.12 2.97 0.00	59.10 2.97 0.00	55.03 2.37 0.00	48.13 2.12 0.00	41.47 1.52 0.00	38.57 2.08 0.00
BALL_HILL_WT_PWR 323825	41.86 -0.29 0.00	37.51 -0.23 0.00	34.53 0.17 0.00	30.51 -0.34 0.00	31.00 -0.12 0.00	32.83 0.13 0.00	36.97 -0.56 0.00	39.40 -1.39 0.00	40.27 -2.21 0.00	38.52 -1.94 0.00	37.22 -1.35 0.00	38.33 -0.23 0.00	39.25 0.20 0.00	41.37 0.45 0.00	42.70 1.16 0.00	45.10 0.88 0.00	47.28 0.47 0.00	50.61 0.45 0.00	56.03 -0.11 0.00	56.29 0.17 0.00	53.08 0.42 0.00	46.10 0.09 0.00	41.35 1.40 0.00	38.31 1.82 0.00
BARON_WINDS___WT_PWR 323822	42.03 -0.13 0.00	37.65 -0.08 0.00	34.50 0.14 0.00	30.64 -0.21 0.00	31.06 -0.06 0.00	32.86 0.16 0.00	37.28 -0.26 0.00	39.93 -0.86 0.00	40.78 -1.70 0.00	38.84 -1.62 0.00	37.30 -1.27 0.00	37.91 -0.66 0.00	38.67 -0.39 0.00	40.75 -0.16 0.00	41.87 0.33 0.00	44.35 0.13 0.00	46.81 0.00 0.00	50.21 0.05 0.00	56.03 -0.11 0.00	56.57 0.45 0.00	53.61 0.95 0.00	46.66 0.64 0.00	41.23 1.28 0.00	37.95 1.46 0.00
BARRETT_IC_1 23704	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_10 23701	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_11 23702	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_12 23703	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_2 23705	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_3 23706	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_4 23707	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_5 23708	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00

BARRETT_IC_6 23709	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_7 23710	45.65 3.50 0.00	40.97 3.24 0.00	37.15 2.78 0.00	33.35 2.50 0.00	33.61 2.49 0.00	35.35 2.65 0.00	40.58 3.04 0.00	43.89 3.10 0.00	45.50 3.02 0.00	43.73 3.28 0.00	41.46 2.89 0.00	41.42 2.85 0.00	41.91 2.85 0.00	43.49 2.58 0.00	44.12 2.58 0.00	46.56 2.34 0.00	49.43 2.62 0.00	52.42 2.26 0.00	58.56 2.41 0.00	58.54 2.41 0.00	54.50 1.84 0.00	47.90 1.89 0.00	41.67 1.72 0.00	38.28 1.79 0.00
BARRETT_IC_8 23711	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT_IC_9 23700	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT___1 23545	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BARRETT___2 23546	45.62 3.46 -0.01	40.98 3.25 -0.01	37.12 2.75 -0.01	33.33 2.47 -0.01	33.59 2.46 -0.01	35.35 2.65 -0.01	40.58 3.04 -0.01	43.89 3.10 0.00	45.29 2.80 0.00	43.58 3.12 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.41 2.50 0.00	43.82 2.28 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.30 1.63 0.00	47.53 1.52 0.00	41.15 1.20 0.00	38.28 1.79 0.00
BATAVIA___115KV_TB1 55881	42.87 0.72 0.00	38.22 0.49 0.00	35.26 0.89 0.00	31.41 0.56 0.00	31.59 0.47 0.00	33.25 0.56 0.00	37.69 0.15 0.00	40.26 -0.53 0.00	40.95 -1.53 0.00	39.04 -1.42 0.00	37.80 -0.77 0.00	38.68 0.12 0.00	39.68 0.62 0.00	41.94 1.02 0.00	43.12 1.58 0.00	45.85 1.64 0.00	48.22 1.40 0.00	51.97 1.81 0.00	57.77 1.63 0.00	57.81 1.68 0.00	54.77 2.11 0.00	47.21 1.20 0.00	41.79 1.84 0.00	39.08 2.59 0.00
BAYONEEC___CTG1 323682	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG10 323750	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG2 323683	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG3 323684	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG4 323685	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG5 323686	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG6 323687	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG7 323688	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00

BAYONEEC___CTG8 323689	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BAYONEEC___CTG9 323749	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.54 2.41 0.00	54.98 2.31 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
BEACON___LESR 323632	43.21 1.05 0.00	38.71 0.98 0.00	35.25 0.89 0.00	31.81 0.96 0.00	32.12 1.00 0.00	33.71 1.01 0.00	38.55 1.01 0.00	41.89 1.10 0.00	43.55 1.06 0.00	41.39 0.93 0.00	39.42 0.85 0.00	39.29 0.73 0.00	39.80 0.74 0.00	41.65 0.74 0.00	42.12 0.58 0.00	44.88 0.66 0.00	47.61 0.80 0.00	51.01 0.85 0.00	57.21 1.06 0.00	57.02 0.90 0.00	53.71 1.05 0.00	46.93 0.92 0.00	40.67 0.72 0.00	37.11 0.62 0.00
BEAVER RIVER___HYD 24048	43.12 0.97 0.00	38.75 1.02 0.00	35.32 0.96 0.00	31.62 0.77 0.00	31.96 0.84 0.00	33.61 0.91 0.00	38.66 1.13 0.00	42.01 1.22 0.00	43.46 0.98 0.00	41.19 0.73 0.00	39.30 0.73 0.00	39.14 0.58 0.00	39.53 0.47 0.00	41.21 0.29 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.67 -0.14 0.00	50.72 0.55 0.00	57.26 1.12 0.00	57.64 1.52 0.00	54.50 1.84 0.00	47.94 1.93 0.00	41.47 1.52 0.00	37.69 1.20 0.00
BEEBEE_GT_13 23619	42.19 0.04 0.00	37.69 -0.04 0.00	34.57 0.21 0.00	30.88 0.03 0.00	31.09 -0.03 0.00	32.83 0.13 0.00	37.39 -0.15 0.00	40.34 -0.45 0.00	41.51 -0.98 0.00	39.57 -0.89 0.00	38.07 -0.50 0.00	38.56 0.00 0.00	39.25 0.20 0.00	41.33 0.41 0.00	42.29 0.75 0.00	45.01 0.80 0.00	47.47 0.66 0.00	51.07 0.90 0.00	56.87 0.73 0.00	56.80 0.67 0.00	53.66 1.00 0.00	46.47 0.46 0.00	40.75 0.80 0.00	37.55 1.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	45.82 3.67 0.00	41.05 3.32 0.00	37.11 2.75 0.00	33.26 2.41 0.00	33.49 2.37 0.00	35.15 2.45 0.00	40.39 2.85 0.00	43.77 2.98 0.00	45.80 3.31 0.00	43.65 3.20 0.00	41.50 2.93 0.00	41.49 2.93 0.00	42.10 3.05 0.00	44.07 3.15 0.00	44.66 3.12 0.00	47.67 3.45 0.00	50.23 3.42 0.00	52.67 2.51 0.00	58.89 2.75 0.00	58.71 2.58 0.00	55.08 2.42 0.00	48.31 2.30 0.00	42.11 2.16 0.00	38.39 1.90 0.00
BETHLEHEM___GRP 23843	42.57 0.42 0.00	38.15 0.42 0.00	34.77 0.41 0.00	31.38 0.52 0.00	31.71 0.59 0.00	33.25 0.56 0.00	37.99 0.45 0.00	41.32 0.53 0.00	42.95 0.47 0.00	40.86 0.40 0.00	38.88 0.31 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.00 0.08 0.00	41.50 -0.04 0.00	44.17 -0.04 0.00	46.81 0.00 0.00	50.16 0.00 0.00	56.14 0.00 0.00	56.07 -0.06 0.00	52.77 0.11 0.00	46.20 0.18 0.00	40.07 0.12 0.00	36.52 0.04 0.00
BETHLEHEM___GS1 323560	42.57 0.42 0.00	38.15 0.42 0.00	34.78 0.41 0.00	31.41 0.56 0.00	31.71 0.59 0.00	33.25 0.56 0.00	37.99 0.45 0.00	41.32 0.53 0.00	42.91 0.42 0.00	40.82 0.36 0.00	38.88 0.31 0.00	38.76 0.19 0.00	39.25 0.20 0.00	41.04 0.12 0.00	41.46 -0.08 0.00	44.17 -0.04 0.00	46.81 0.00 0.00	50.11 -0.05 0.00	56.14 0.00 0.00	56.01 -0.11 0.00	52.77 0.11 0.00	46.10 0.09 0.00	40.03 0.08 0.00	36.52 0.04 0.00
BETHLEHEM___GS2 323561	42.57 0.42 0.00	38.15 0.42 0.00	34.78 0.41 0.00	31.41 0.56 0.00	31.71 0.59 0.00	33.25 0.56 0.00	37.99 0.45 0.00	41.32 0.53 0.00	42.91 0.42 0.00	40.82 0.36 0.00	38.88 0.31 0.00	38.76 0.19 0.00	39.25 0.20 0.00	41.04 0.12 0.00	41.46 -0.08 0.00	44.17 -0.04 0.00	46.81 0.00 0.00	50.11 -0.05 0.00	56.14 0.00 0.00	56.01 -0.11 0.00	52.77 0.11 0.00	46.10 0.09 0.00	40.03 0.08 0.00	36.52 0.04 0.00
BETHLEHEM___GS3 323562	42.57 0.42 0.00	38.15 0.42 0.00	34.78 0.41 0.00	31.41 0.56 0.00	31.71 0.59 0.00	33.25 0.56 0.00	37.99 0.45 0.00	41.32 0.53 0.00	42.91 0.42 0.00	40.82 0.36 0.00	38.88 0.31 0.00	38.76 0.19 0.00	39.25 0.20 0.00	41.04 0.12 0.00	41.46 -0.08 0.00	44.17 -0.04 0.00	46.81 0.00 0.00	50.11 -0.05 0.00	56.14 0.00 0.00	56.01 -0.11 0.00	52.77 0.11 0.00	46.10 0.09 0.00	40.03 0.08 0.00	36.52 0.04 0.00
BETHLEHEM___STEEL 23779	41.82 -0.34 0.00	37.35 -0.38 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.90 -0.22 0.00	32.73 0.03 0.00	36.86 -0.68 0.00	39.32 -1.47 0.00	39.98 -2.51 0.00	38.23 -2.23 0.00	37.14 -1.43 0.00	38.21 -0.35 0.00	39.10 0.04 0.00	41.29 0.37 0.00	42.45 0.91 0.00	45.10 0.88 0.00	47.19 0.37 0.00	50.51 0.35 0.00	55.92 -0.22 0.00	55.79 -0.34 0.00	52.87 0.21 0.00	45.51 -0.51 0.00	40.75 0.80 0.00	38.31 1.82 0.00
BETHLHEM_115KV_TB1 79974	42.70 0.55 0.00	38.26 0.53 0.00	34.88 0.52 0.00	31.44 0.59 0.00	31.78 0.65 0.00	33.32 0.62 0.00	38.10 0.56 0.00	41.40 0.61 0.00	43.04 0.55 0.00	40.94 0.49 0.00	38.96 0.39 0.00	38.87 0.31 0.00	39.37 0.31 0.00	41.12 0.20 0.00	41.62 0.08 0.00	44.31 0.09 0.00	46.95 0.14 0.00	50.26 0.10 0.00	56.31 0.17 0.00	56.18 0.06 0.00	52.92 0.26 0.00	46.29 0.28 0.00	40.19 0.24 0.00	36.63 0.15 0.00
BETHPAGE_CC_5 323564	45.91 3.75 -0.01	41.32 3.59 -0.01	37.43 3.06 -0.01	33.58 2.72 -0.01	33.81 2.68 -0.01	35.61 2.91 -0.01	40.88 3.34 -0.01	44.18 3.38 0.00	45.58 3.10 0.00	43.86 3.40 -0.01	41.58 3.01 0.00	41.58 3.01 -0.01	42.11 3.05 0.00	43.70 2.78 0.00	44.16 2.62 0.00	46.78 2.56 0.00	49.62 2.81 0.00	52.47 2.31 0.00	58.55 2.41 0.00	58.54 2.41 0.00	54.55 1.89 0.00	47.81 1.79 0.00	41.43 1.48 0.00	38.49 2.01 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.82 -0.34 0.00	37.35 -0.38 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.94 -0.19 0.00	32.73 0.03 0.00	36.90 -0.64 0.00	39.36 -1.43 0.00	40.02 -2.46 0.00	38.27 -2.18 0.00	37.18 -1.39 0.00	38.25 -0.31 0.00	39.13 0.08 0.00	41.37 0.45 0.00	42.50 0.96 0.00	45.19 0.97 0.00	47.28 0.47 0.00	50.61 0.45 0.00	56.03 -0.11 0.00	55.90 -0.22 0.00	52.98 0.32 0.00	45.55 -0.46 0.00	40.79 0.84 0.00	38.35 1.86 0.00
BINGHAMTON___COGEN 23790	42.45 0.30 0.00	38.03 0.30 0.00	34.71 0.34 0.00	31.07 0.22 0.00	31.34 0.22 0.00	32.99 0.29 0.00	37.76 0.23 0.00	40.87 0.08 0.00	42.23 -0.25 0.00	40.21 -0.24 0.00	38.49 -0.08 0.00	38.68 0.12 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.04 0.50 0.00	44.79 0.57 0.00	47.33 0.51 0.00	50.66 0.50 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.45 0.79 0.00	46.52 0.51 0.00	40.59 0.64 0.00	37.25 0.77 0.00

BIXINCNT_115KV_LOAD 355685	41.44 -0.72 0.00	37.01 -0.72 0.00	34.22 -0.14 0.00	30.48 -0.37 0.00	30.69 -0.44 0.00	32.57 -0.13 0.00	36.82 -0.71 0.00	39.32 -1.47 0.00	40.10 -2.38 0.00	38.35 -2.10 0.00	37.26 -1.31 0.00	38.18 -0.39 0.00	39.06 0.00 0.00	41.33 0.41 0.00	42.37 0.83 0.00	45.06 0.84 0.00	47.23 0.42 0.00	50.46 0.30 0.00	56.09 -0.06 0.00	56.07 -0.06 0.00	53.19 0.53 0.00	45.69 -0.32 0.00	40.83 0.88 0.00	38.35 1.86 0.00
BLACK RIVER___HYD 24047	43.59 1.43 0.00	39.05 1.32 0.00	35.63 1.27 0.00	31.90 1.05 0.00	32.24 1.12 0.00	33.91 1.21 0.00	38.96 1.43 0.00	42.30 1.51 0.00	43.59 1.10 0.00	41.22 0.77 0.00	39.34 0.77 0.00	39.18 0.62 0.00	39.56 0.51 0.00	41.37 0.45 0.00	41.87 0.33 0.00	44.44 0.22 0.00	47.00 0.19 0.00	50.96 0.80 0.00	57.71 1.57 0.00	58.26 2.13 0.00	55.29 2.63 0.00	48.54 2.53 0.00	41.91 1.96 0.00	38.09 1.60 0.00
BLACKRVR_115KV_TB2 79977	43.59 1.43 0.00	39.05 1.32 0.00	35.60 1.24 0.00	31.93 1.08 0.00	32.24 1.12 0.00	33.91 1.21 0.00	38.96 1.43 0.00	42.30 1.51 0.00	43.55 1.06 0.00	41.23 0.77 0.00	39.34 0.77 0.00	39.18 0.62 0.00	39.56 0.51 0.00	41.37 0.45 0.00	41.83 0.29 0.00	44.44 0.22 0.00	47.00 0.19 0.00	50.96 0.80 0.00	57.71 1.57 0.00	58.20 2.08 0.00	55.29 2.63 0.00	48.50 2.48 0.00	41.87 1.92 0.00	38.09 1.61 0.00
BLDWN_LI_69_KV_BK4 356085	46.07 3.92 0.00	41.35 3.62 0.00	37.49 3.13 0.00	33.63 2.78 0.00	33.86 2.74 0.00	35.64 2.94 0.00	40.91 3.38 0.00	44.26 3.47 0.00	45.84 3.36 0.00	44.10 3.64 0.00	41.85 3.28 0.00	41.80 3.24 0.00	42.30 3.24 0.00	43.94 3.03 0.00	44.57 3.03 0.00	47.14 2.92 0.00	50.04 3.23 0.00	53.07 2.91 0.00	59.29 3.14 0.00	59.27 3.14 0.00	55.24 2.58 0.00	48.45 2.44 0.00	42.07 2.12 0.00	38.57 2.08 0.00
BLISS_WT_PWR 323608	41.35 -0.80 0.00	37.01 -0.72 0.00	34.12 -0.24 0.00	30.17 -0.68 0.00	30.69 -0.44 0.00	32.57 -0.13 0.00	36.79 -0.75 0.00	39.24 -1.55 0.00	40.23 -2.25 0.00	38.52 -1.94 0.00	37.22 -1.35 0.00	38.18 -0.39 0.00	39.14 0.08 0.00	41.24 0.33 0.00	42.54 1.00 0.00	45.01 0.80 0.00	47.18 0.37 0.00	50.41 0.25 0.00	56.03 -0.11 0.00	56.41 0.28 0.00	53.24 0.58 0.00	46.15 0.14 0.00	41.31 1.36 0.00	38.31 1.82 0.00
BLUESTONE___WT_PWR 323821	44.22 2.06 0.00	39.54 1.81 0.00	36.05 1.68 0.00	32.21 1.36 0.00	32.59 1.46 0.00	34.33 1.63 0.00	39.37 1.84 0.00	42.67 1.88 0.00	43.93 1.45 0.00	41.67 1.21 0.00	39.84 1.27 0.00	39.91 1.35 0.00	40.39 1.33 0.00	42.56 1.64 0.00	43.24 1.70 0.00	45.94 1.72 0.00	48.69 1.87 0.00	52.32 2.16 0.00	58.84 2.69 0.00	58.99 2.86 0.00	55.87 3.21 0.00	48.77 2.76 0.00	42.31 2.36 0.00	38.60 2.12 0.00
BLUE_CIRC_CHEM_DRP 24182	43.16 1.01 0.00	38.67 0.94 0.00	35.26 0.89 0.00	31.72 0.86 0.00	32.06 0.93 0.00	33.61 0.92 0.00	38.44 0.90 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.14 0.69 0.00	39.11 0.54 0.00	39.02 0.46 0.00	39.53 0.47 0.00	41.29 0.37 0.00	41.87 0.33 0.00	44.53 0.31 0.00	47.23 0.42 0.00	50.61 0.45 0.00	56.76 0.62 0.00	56.80 0.67 0.00	53.50 0.84 0.00	46.79 0.78 0.00	40.59 0.64 0.00	37.04 0.55 0.00
BOC_GAS_DRP 24189	43.00 0.84 0.00	38.52 0.79 0.00	35.08 0.72 0.00	31.56 0.71 0.00	31.90 0.78 0.00	33.45 0.75 0.00	38.29 0.75 0.00	41.57 0.78 0.00	43.25 0.76 0.00	41.18 0.73 0.00	39.19 0.62 0.00	39.10 0.54 0.00	39.64 0.59 0.00	41.41 0.49 0.00	41.96 0.42 0.00	44.66 0.44 0.00	47.33 0.51 0.00	50.61 0.45 0.00	56.65 0.51 0.00	56.57 0.45 0.00	53.19 0.53 0.00	46.56 0.55 0.00	40.43 0.48 0.00	36.85 0.36 0.00
BOONVILLE_115KV_TB1 79983	43.16 1.01 0.00	38.71 0.98 0.00	35.29 0.93 0.00	31.65 0.80 0.00	31.96 0.84 0.00	33.58 0.88 0.00	38.55 1.01 0.00	41.93 1.14 0.00	43.55 1.06 0.00	41.31 0.85 0.00	39.46 0.89 0.00	39.33 0.77 0.00	39.76 0.70 0.00	41.57 0.65 0.00	42.08 0.54 0.00	44.66 0.44 0.00	47.28 0.47 0.00	51.07 0.90 0.00	57.43 1.29 0.00	57.58 1.46 0.00	54.40 1.74 0.00	47.62 1.61 0.00	41.19 1.24 0.00	37.55 1.06 0.00
BORALEX_4TH_BRANCH 23824	44.18 2.02 0.00	39.62 1.89 0.00	36.08 1.72 0.00	32.49 1.64 0.00	32.80 1.68 0.00	34.43 1.73 0.00	39.45 1.91 0.00	42.71 1.92 0.00	44.40 1.91 0.00	42.24 1.78 0.00	40.15 1.58 0.00	40.10 1.54 0.00	40.58 1.52 0.00	42.31 1.39 0.00	42.91 1.37 0.00	45.63 1.41 0.00	48.40 1.59 0.00	51.97 1.81 0.00	57.94 1.80 0.00	57.81 1.68 0.00	54.61 1.95 0.00	47.90 1.89 0.00	41.55 1.60 0.00	37.87 1.39 0.00
BOWLINE___1 23526	44.39 2.23 0.00	39.84 2.11 0.00	36.15 1.79 0.00	32.49 1.63 0.00	32.74 1.62 0.00	34.43 1.73 0.00	39.45 1.91 0.00	42.79 2.00 0.00	44.61 2.12 0.00	42.56 2.10 0.00	40.54 1.97 0.00	40.45 1.89 0.00	41.01 1.95 0.00	42.84 1.92 0.00	43.37 1.83 0.00	46.16 1.94 0.00	48.92 2.11 0.00	51.92 1.75 0.00	58.05 1.91 0.00	57.87 1.74 0.00	54.40 1.74 0.00	47.53 1.52 0.00	41.23 1.28 0.00	37.69 1.20 0.00
BOWLINE___2 23595	44.47 2.32 0.00	39.88 2.15 0.00	36.18 1.82 0.00	32.49 1.63 0.00	32.74 1.62 0.00	34.46 1.76 0.00	39.52 1.99 0.00	42.87 2.08 0.00	44.65 2.17 0.00	42.60 2.14 0.00	40.57 2.00 0.00	40.49 1.93 0.00	41.05 1.99 0.00	42.92 2.00 0.00	43.45 1.91 0.00	46.25 2.04 0.00	49.01 2.20 0.00	52.02 1.86 0.00	58.16 2.02 0.00	57.92 1.80 0.00	54.50 1.84 0.00	47.62 1.61 0.00	41.31 1.36 0.00	37.73 1.24 0.00
BRADY___115KV_TB2 356060	42.66 0.51 0.00	38.22 0.49 0.00	34.81 0.45 0.00	31.19 0.34 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.10 0.56 0.00	41.57 0.78 0.00	43.08 0.59 0.00	41.02 0.57 0.00	39.07 0.50 0.00	38.95 0.39 0.00	39.29 0.23 0.00	41.20 0.29 0.00	41.87 0.33 0.00	44.53 0.31 0.00	46.86 0.05 0.00	50.51 0.35 0.00	56.82 0.67 0.00	57.08 0.95 0.00	53.45 0.79 0.00	47.02 1.01 0.00	40.87 0.92 0.00	37.14 0.66 0.00
BRANSCOMB___SOLAR 323811	44.09 1.94 0.00	39.50 1.77 0.00	36.01 1.65 0.00	32.33 1.48 0.00	32.65 1.52 0.00	34.33 1.63 0.00	39.34 1.80 0.00	42.63 1.84 0.00	44.23 1.74 0.00	41.87 1.42 0.00	39.73 1.16 0.00	39.60 1.04 0.00	40.07 1.01 0.00	41.94 1.02 0.00	42.45 0.91 0.00	45.32 1.11 0.00	48.03 1.22 0.00	51.67 1.50 0.00	58.05 1.91 0.00	58.09 1.96 0.00	54.98 2.31 0.00	47.99 1.98 0.00	41.55 1.60 0.00	37.95 1.46 0.00
BRDGHMPT_69_KV_BK1 55812	47.34 5.18 0.00	42.48 4.75 0.00	38.42 4.05 0.00	34.40 3.55 0.00	34.55 3.42 0.00	36.36 3.66 0.00	41.48 3.94 0.00	45.07 4.28 0.00	46.69 4.21 0.00	45.07 4.61 0.00	42.73 4.17 0.00	42.73 4.16 0.00	43.16 4.10 0.00	44.80 3.89 0.00	45.49 3.95 0.00	47.93 3.71 0.00	51.12 4.31 0.00	54.33 4.16 0.00	60.63 4.49 0.00	60.73 4.60 0.00	55.82 3.16 0.00	48.91 2.90 0.00	41.83 1.88 0.00	38.57 2.08 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	46.71 4.55 0.00	41.99 4.26 0.00	38.04 3.68 0.00	34.09 3.24 0.00	34.36 3.24 0.00	36.16 3.47 0.00	41.51 3.98 0.00	44.83 4.04 0.00	46.31 3.82 0.00	44.70 4.25 0.00	42.27 3.70 0.00	42.23 3.66 0.00	42.73 3.67 0.00	44.35 3.44 0.00	44.99 3.45 0.00	47.44 3.23 0.00	50.46 3.65 0.00	53.57 3.41 0.00	59.79 3.65 0.00	59.89 3.76 0.00	55.66 3.00 0.00	48.82 2.81 0.00	42.19 2.24 0.00	38.75 2.26 0.00
BRISTLHL_115KV_TB1 79998	41.48 -0.67 0.00	37.13 -0.60 0.00	33.85 -0.52 0.00	30.36 -0.49 0.00	30.59 -0.53 0.00	32.17 -0.52 0.00	36.90 -0.64 0.00	40.06 -0.73 0.00	41.55 -0.93 0.00	39.53 -0.93 0.00	37.76 -0.81 0.00	37.79 -0.77 0.00	38.31 -0.74 0.00	40.22 -0.70 0.00	40.92 -0.62 0.00	43.55 -0.66 0.00	46.11 -0.70 0.00	49.51 -0.65 0.00	55.41 -0.73 0.00	55.40 -0.73 0.00	52.24 -0.42 0.00	45.51 -0.51 0.00	39.51 -0.44 0.00	36.12 -0.36 0.00
BROOKHAVEN___DRP 24191	46.54 4.38 0.00	41.81 4.07 0.00	37.87 3.50 0.00	33.94 3.09 0.00	34.14 3.02 0.00	35.97 3.27 0.00	41.21 3.68 0.00	44.50 3.71 0.00	46.01 3.53 0.00	44.42 3.96 0.00	42.04 3.47 0.00	41.99 3.43 0.00	42.49 3.44 0.00	44.07 3.15 0.00	44.70 3.16 0.00	47.05 2.83 0.00	50.14 3.32 0.00	53.22 3.06 0.00	59.40 3.26 0.00	59.49 3.37 0.00	55.14 2.48 0.00	48.41 2.39 0.00	41.51 1.56 0.00	38.13 1.64 0.00
BROOKLYN_NAVY_YARD 23515	45.19 3.04 0.00	40.48 2.75 0.00	36.59 2.23 0.00	32.83 1.98 0.00	33.08 1.96 0.00	34.82 2.12 0.00	40.09 2.55 0.00	43.60 2.81 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.71 2.66 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.54 2.41 0.00	55.03 2.37 0.00	48.13 2.12 0.00	41.79 1.84 0.00	38.02 1.53 0.00
BROOKLYN___ARMY_DRP 323595	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
BROOME_2_LFGE 323671	42.49 0.34 0.00	38.03 0.30 0.00	34.71 0.34 0.00	31.01 0.16 0.00	31.34 0.22 0.00	33.02 0.33 0.00	37.76 0.23 0.00	40.87 0.08 0.00	42.27 -0.21 0.00	40.26 -0.20 0.00	38.49 -0.08 0.00	38.72 0.15 0.00	39.29 0.24 0.00	41.33 0.41 0.00	42.12 0.58 0.00	44.79 0.57 0.00	47.33 0.52 0.00	50.72 0.55 0.00	56.65 0.50 0.00	56.74 0.62 0.00	53.50 0.84 0.00	46.61 0.60 0.00	40.67 0.72 0.00	37.26 0.77 0.00
BROOME___LFGE 323600	42.49 0.34 0.00	38.03 0.30 0.00	34.71 0.34 0.00	31.01 0.16 0.00	31.34 0.22 0.00	33.02 0.33 0.00	37.76 0.23 0.00	40.87 0.08 0.00	42.27 -0.21 0.00	40.26 -0.20 0.00	38.49 -0.08 0.00	38.72 0.15 0.00	39.29 0.24 0.00	41.33 0.41 0.00	42.12 0.58 0.00	44.79 0.57 0.00	47.33 0.52 0.00	50.72 0.55 0.00	56.65 0.50 0.00	56.74 0.62 0.00	53.50 0.84 0.00	46.61 0.60 0.00	40.67 0.72 0.00	37.26 0.77 0.00
BROWNFLS_115KV_TB 3_5 80003	42.74 0.59 0.00	38.37 0.64 0.00	34.95 0.58 0.00	31.35 0.49 0.00	31.62 0.50 0.00	33.22 0.52 0.00	38.29 0.75 0.00	41.73 0.94 0.00	43.21 0.72 0.00	41.06 0.61 0.00	39.19 0.62 0.00	39.02 0.46 0.00	39.41 0.35 0.00	41.16 0.25 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.53 -0.28 0.00	50.41 0.25 0.00	56.82 0.67 0.00	57.08 0.95 0.00	53.77 1.11 0.00	47.35 1.33 0.00	41.11 1.16 0.00	37.36 0.88 0.00
BROWNSV1_27_KV_LOAD 356125	45.61 3.46 0.00	40.90 3.17 0.00	36.97 2.61 0.00	33.17 2.31 0.00	33.39 2.27 0.00	35.15 2.45 0.00	40.46 2.93 0.00	43.93 3.14 0.00	45.88 3.40 0.00	43.77 3.32 0.00	41.62 3.05 0.00	41.57 3.01 0.00	42.14 3.09 0.00	44.07 3.15 0.00	44.62 3.07 0.00	47.53 3.32 0.00	50.28 3.46 0.00	53.12 2.96 0.00	59.45 3.31 0.00	59.21 3.09 0.00	55.56 2.90 0.00	48.68 2.67 0.00	42.27 2.32 0.00	38.42 1.93 0.00
BURROWS___LYONSDAL 23803	43.08 0.93 0.00	38.71 0.98 0.00	35.29 0.93 0.00	31.65 0.80 0.00	31.93 0.81 0.00	33.58 0.88 0.00	38.59 1.05 0.00	41.93 1.14 0.00	43.50 1.02 0.00	41.27 0.81 0.00	39.38 0.81 0.00	39.26 0.69 0.00	39.68 0.62 0.00	41.41 0.49 0.00	41.96 0.42 0.00	44.48 0.27 0.00	47.09 0.28 0.00	50.96 0.80 0.00	57.38 1.24 0.00	57.58 1.46 0.00	54.40 1.74 0.00	47.67 1.66 0.00	41.23 1.28 0.00	37.58 1.09 0.00
CAITHNESS_CC_1 323624	46.50 4.34 -0.01	41.78 4.04 -0.01	37.81 3.44 -0.01	33.89 3.03 -0.01	34.15 3.02 -0.01	35.94 3.24 -0.01	41.22 3.68 -0.01	44.50 3.71 0.00	45.84 3.36 0.00	44.23 3.76 -0.01	41.85 3.28 0.00	41.89 3.32 -0.01	42.34 3.28 0.00	43.94 3.03 0.00	44.45 2.91 0.00	46.87 2.65 0.00	49.95 3.14 0.00	52.97 2.81 0.00	59.12 2.97 0.00	59.10 2.97 0.00	54.92 2.26 0.00	47.99 1.98 0.00	40.95 1.00 0.00	38.13 1.64 0.00
CALPINE BETH_PAGE_GT4 24209	45.99 3.84 0.00	41.43 3.70 0.00	37.52 3.16 0.00	33.66 2.81 0.00	33.92 2.80 0.00	35.71 3.01 0.00	40.99 3.45 0.00	44.22 3.43 0.00	45.75 3.27 0.00	44.06 3.60 0.00	41.77 3.20 0.00	41.72 3.16 0.00	42.22 3.16 0.00	43.82 2.91 0.00	44.45 2.91 0.00	47.00 2.79 0.00	49.76 2.95 0.00	52.77 2.61 0.00	58.89 2.75 0.00	58.93 2.81 0.00	54.87 2.21 0.00	48.13 2.12 0.00	41.87 1.92 0.00	38.42 1.93 0.00
CALPINE_BETH_PAGE_GT_4 323586	45.87 3.71 -0.01	41.32 3.59 -0.01	37.43 3.06 -0.01	33.58 2.72 -0.01	33.84 2.71 -0.01	35.61 2.91 -0.01	40.88 3.34 -0.01	44.14 3.35 0.00	45.54 3.06 0.00	43.82 3.36 -0.01	41.54 2.97 0.00	41.54 2.97 -0.01	42.02 2.97 0.00	43.66 2.74 0.00	44.12 2.58 0.00	46.78 2.56 0.00	49.53 2.71 0.00	52.42 2.26 0.00	58.50 2.36 0.00	58.43 2.30 0.00	54.45 1.79 0.00	47.72 1.70 0.00	41.35 1.40 0.00	38.42 1.93 0.00
CALPINE_BP_GT1 23823	45.87 3.71 -0.01	41.32 3.59 -0.01	37.43 3.06 -0.01	33.58 2.72 -0.01	33.84 2.71 -0.01	35.61 2.91 -0.01	40.88 3.34 -0.01	44.14 3.35 0.00	45.54 3.06 0.00	43.82 3.36 -0.01	41.54 2.97 0.00	41.54 2.97 -0.01	42.02 2.97 0.00	43.66 2.74 0.00	44.12 2.58 0.00	46.78 2.56 0.00	49.53 2.71 0.00	52.42 2.26 0.00	58.50 2.36 0.00	58.43 2.30 0.00	54.45 1.79 0.00	47.72 1.70 0.00	41.35 1.40 0.00	38.42 1.93 0.00
CALSPAN___DRP 24200	41.82 -0.34 0.00	37.35 -0.38 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.90 -0.22 0.00	32.73 0.03 0.00	36.86 -0.68 0.00	39.32 -1.47 0.00	39.98 -2.51 0.00	38.23 -2.23 0.00	37.14 -1.43 0.00	38.21 -0.35 0.00	39.10 0.04 0.00	41.29 0.37 0.00	42.45 0.91 0.00	45.10 0.88 0.00	47.19 0.37 0.00	50.51 0.35 0.00	55.92 -0.22 0.00	55.79 -0.34 0.00	52.87 0.21 0.00	45.51 -0.51 0.00	40.75 0.80 0.00	38.31 1.82 0.00

CALVERTON___SOLAR 323806	46.54 4.38 -0.01	41.85 4.11 -0.01	37.84 3.47 -0.01	33.92 3.06 -0.01	34.15 3.02 -0.01	35.97 3.27 -0.01	41.22 3.68 -0.01	44.54 3.75 0.00	45.88 3.40 0.00	44.27 3.80 -0.01	41.89 3.32 0.00	41.92 3.35 -0.01	42.37 3.32 0.00	43.99 3.07 0.00	44.49 2.95 0.00	46.96 2.74 0.00	50.04 3.23 0.00	53.07 2.91 0.00	59.23 3.09 0.00	59.27 3.14 0.00	54.98 2.31 0.00	48.03 2.02 0.00	40.91 0.96 0.00	38.13 1.64 0.00
CANDIGU_WT_PWR 323617	42.03 -0.13 0.00	37.65 -0.08 0.00	34.50 0.14 0.00	30.64 -0.21 0.00	31.06 -0.06 0.00	32.86 0.16 0.00	37.28 -0.26 0.00	39.93 -0.86 0.00	40.78 -1.70 0.00	38.84 -1.62 0.00	37.30 -1.27 0.00	37.91 -0.66 0.00	38.67 -0.39 0.00	40.75 -0.16 0.00	41.87 0.33 0.00	44.35 0.13 0.00	46.81 0.00 0.00	50.21 0.05 0.00	56.03 -0.11 0.00	56.57 0.45 0.00	53.61 0.95 0.00	46.66 0.64 0.00	41.23 1.28 0.00	37.95 1.46 0.00
CARR STREET_E_SYR 24060	41.52 -0.63 0.00	37.17 -0.56 0.00	33.88 -0.48 0.00	30.45 -0.40 0.00	30.75 -0.37 0.00	32.24 -0.46 0.00	36.93 -0.60 0.00	40.10 -0.69 0.00	41.59 -0.89 0.00	39.61 -0.85 0.00	37.80 -0.77 0.00	37.87 -0.69 0.00	38.39 -0.66 0.00	40.30 -0.61 0.00	41.04 -0.50 0.00	43.64 -0.58 0.00	46.20 -0.61 0.00	49.56 -0.60 0.00	55.47 -0.67 0.00	55.51 -0.62 0.00	52.24 -0.42 0.00	45.55 -0.46 0.00	39.59 -0.36 0.00	36.16 -0.33 0.00
CARTHAGE___PAPER 23857	43.38 1.22 0.00	38.90 1.17 0.00	35.46 1.10 0.00	31.78 0.92 0.00	32.12 1.00 0.00	33.74 1.05 0.00	38.81 1.28 0.00	42.18 1.39 0.00	43.55 1.06 0.00	41.22 0.77 0.00	39.34 0.77 0.00	39.14 0.58 0.00	39.53 0.47 0.00	41.24 0.33 0.00	41.79 0.25 0.00	44.35 0.13 0.00	46.81 0.00 0.00	50.81 0.65 0.00	57.49 1.35 0.00	57.92 1.80 0.00	54.87 2.21 0.00	48.22 2.21 0.00	41.71 1.76 0.00	37.87 1.39 0.00
CASSADAGA_WT_PWR 323784	41.90 -0.25 0.00	37.54 -0.19 0.00	34.60 0.24 0.00	30.54 -0.31 0.00	31.03 -0.09 0.00	32.80 0.10 0.00	37.23 -0.30 0.00	39.77 -1.02 0.00	40.78 -1.70 0.00	38.88 -1.58 0.00	37.68 -0.89 0.00	38.79 0.23 0.00	39.80 0.74 0.00	41.86 0.94 0.00	43.24 1.70 0.00	45.59 1.37 0.00	47.84 1.03 0.00	50.96 0.80 0.00	56.42 0.28 0.00	56.80 0.68 0.00	53.77 1.11 0.00	46.61 0.60 0.00	41.79 1.84 0.00	38.57 2.08 0.00
CE_DUNWOOD___DRP 24194	44.85 2.70 0.00	40.22 2.49 0.00	36.46 2.10 0.00	32.73 1.88 0.00	32.99 1.87 0.00	34.69 1.99 0.00	39.83 2.29 0.00	43.24 2.45 0.00	45.12 2.63 0.00	43.01 2.55 0.00	40.92 2.35 0.00	40.88 2.31 0.00	41.40 2.34 0.00	43.25 2.33 0.00	43.83 2.28 0.00	46.65 2.43 0.00	49.39 2.57 0.00	52.37 2.21 0.00	58.61 2.47 0.00	58.43 2.30 0.00	54.82 2.16 0.00	48.04 2.02 0.00	41.67 1.72 0.00	37.95 1.46 0.00
CE_MILLWOOD___DRP 24193	44.72 2.57 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.64 1.79 0.00	32.90 1.77 0.00	34.59 1.90 0.00	39.71 2.18 0.00	43.08 2.28 0.00	44.95 2.46 0.00	42.88 2.43 0.00	40.81 2.24 0.00	40.72 2.16 0.00	41.28 2.23 0.00	43.13 2.21 0.00	43.66 2.12 0.00	46.47 2.26 0.00	49.25 2.43 0.00	52.22 2.06 0.00	58.39 2.25 0.00	58.26 2.13 0.00	54.72 2.05 0.00	47.90 1.89 0.00	41.59 1.64 0.00	37.87 1.39 0.00
CE_NYC2_DRP 24202	45.40 3.25 0.00	40.71 2.98 0.00	36.84 2.47 0.00	33.07 2.22 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.27 2.70 0.00	41.22 2.66 0.00	41.79 2.73 0.00	43.74 2.82 0.00	44.28 2.74 0.00	47.22 3.01 0.00	49.85 3.04 0.00	52.37 2.21 0.00	58.44 2.30 0.00	58.26 2.13 0.00	54.66 2.00 0.00	48.04 2.02 0.00	41.83 1.88 0.00	38.09 1.61 0.00
CE_NYC_DRP 24195	45.23 3.08 0.00	40.56 2.83 0.00	36.70 2.34 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.13 2.59 0.00	43.61 2.81 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.09 2.87 0.00	49.85 3.04 0.00	52.67 2.51 0.00	58.95 2.81 0.00	58.71 2.58 0.00	55.08 2.42 0.00	48.31 2.30 0.00	41.95 2.00 0.00	38.13 1.64 0.00
CHAFFEE___LFGE 323603	41.94 -0.21 0.00	37.54 -0.19 0.00	34.60 0.24 0.00	30.54 -0.31 0.00	31.06 -0.06 0.00	32.89 0.20 0.00	37.01 -0.53 0.00	39.45 -1.35 0.00	40.32 -2.17 0.00	38.56 -1.90 0.00	37.26 -1.31 0.00	38.41 -0.15 0.00	39.33 0.28 0.00	41.45 0.53 0.00	42.83 1.29 0.00	45.23 1.02 0.00	47.38 0.56 0.00	50.77 0.60 0.00	56.14 0.00 0.00	56.35 0.23 0.00	53.13 0.47 0.00	46.10 0.09 0.00	41.35 1.40 0.00	38.35 1.86 0.00
CHATEAUG_35_KV_LOAD 355732	42.32 0.17 0.00	37.88 0.15 0.00	34.46 0.10 0.00	30.88 0.03 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.72 0.19 0.00	41.16 0.37 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.92 0.35 0.00	38.79 0.23 0.00	39.17 0.12 0.00	41.00 0.08 0.00	41.67 0.12 0.00	44.39 0.18 0.00	46.86 0.05 0.00	50.46 0.30 0.00	56.59 0.45 0.00	56.80 0.67 0.00	53.08 0.42 0.00	46.52 0.51 0.00	40.43 0.48 0.00	36.85 0.36 0.00
CHATEAUG_WT_PWR 323614	42.28 0.13 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.69 0.15 0.00	41.16 0.37 0.00	42.86 0.38 0.00	40.90 0.45 0.00	38.96 0.39 0.00	38.83 0.27 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.75 0.21 0.00	44.48 0.27 0.00	46.95 0.14 0.00	50.52 0.35 0.00	56.59 0.45 0.00	56.74 0.62 0.00	53.03 0.37 0.00	46.47 0.46 0.00	40.39 0.44 0.00	36.82 0.33 0.00
CHAT_HIGH_FALL_HYD 323578	42.32 0.17 0.00	37.88 0.15 0.00	34.46 0.10 0.00	30.88 0.03 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.72 0.19 0.00	41.16 0.37 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.92 0.35 0.00	38.79 0.23 0.00	39.17 0.12 0.00	41.00 0.08 0.00	41.67 0.12 0.00	44.39 0.18 0.00	46.86 0.05 0.00	50.46 0.30 0.00	56.59 0.45 0.00	56.80 0.67 0.00	53.08 0.42 0.00	46.52 0.51 0.00	40.43 0.48 0.00	36.85 0.36 0.00
CHAUTAUQUA___LFGE 323629	42.03 -0.13 0.00	37.62 -0.11 0.00	34.67 0.31 0.00	30.64 -0.21 0.00	31.12 0.00 0.00	32.96 0.26 0.00	37.12 -0.41 0.00	39.65 -1.14 0.00	40.53 -1.95 0.00	38.76 -1.70 0.00	37.49 -1.08 0.00	38.60 0.04 0.00	39.53 0.47 0.00	41.65 0.74 0.00	42.99 1.45 0.00	45.41 1.19 0.00	47.61 0.80 0.00	50.96 0.80 0.00	56.48 0.34 0.00	56.74 0.62 0.00	53.61 0.95 0.00	46.52 0.51 0.00	41.71 1.76 0.00	38.57 2.08 0.00
CHERRYST_13_KV_LD 356241	45.40 3.25 0.00	40.67 2.94 0.00	36.80 2.44 0.00	33.01 2.16 0.00	33.27 2.15 0.00	35.02 2.32 0.00	40.28 2.74 0.00	43.77 2.98 0.00	45.71 3.23 0.00	43.61 3.16 0.00	41.46 2.89 0.00	41.42 2.85 0.00	41.99 2.93 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.31 3.10 0.00	50.09 3.28 0.00	52.92 2.76 0.00	59.17 3.03 0.00	58.93 2.81 0.00	55.29 2.63 0.00	48.45 2.44 0.00	42.07 2.12 0.00	38.24 1.75 0.00

CHESTROR_138KV_BK263 355645	44.18 2.02 0.00	39.58 1.85 0.00	35.94 1.58 0.00	32.27 1.42 0.00	32.52 1.40 0.00	34.20 1.50 0.00	39.23 1.69 0.00	42.55 1.75 0.00	44.35 1.87 0.00	42.28 1.82 0.00	40.23 1.66 0.00	40.14 1.58 0.00	40.70 1.64 0.00	42.55 1.64 0.00	43.12 1.58 0.00	45.94 1.72 0.00	48.68 1.87 0.00	51.77 1.61 0.00	57.94 1.80 0.00	57.81 1.68 0.00	54.35 1.69 0.00	47.53 1.52 0.00	41.23 1.28 0.00	37.62 1.13 0.00
CH_MIDHUDSON___DRP 24192	44.56 2.40 0.00	39.96 2.23 0.00	36.22 1.86 0.00	32.52 1.67 0.00	32.80 1.68 0.00	34.50 1.80 0.00	39.56 2.03 0.00	42.87 2.08 0.00	44.74 2.25 0.00	42.64 2.18 0.00	40.54 1.97 0.00	40.45 1.89 0.00	41.01 1.95 0.00	42.80 1.88 0.00	43.41 1.87 0.00	46.21 1.99 0.00	49.01 2.20 0.00	52.17 2.01 0.00	58.39 2.25 0.00	58.26 2.13 0.00	54.77 2.11 0.00	47.95 1.93 0.00	41.55 1.60 0.00	37.87 1.39 0.00
CH_MISC_IPPS 23765	44.77 2.61 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.67 1.82 0.00	32.93 1.80 0.00	34.63 1.93 0.00	39.71 2.18 0.00	43.03 2.24 0.00	44.90 2.42 0.00	42.76 2.30 0.00	40.69 2.12 0.00	40.60 2.04 0.00	41.13 2.07 0.00	43.00 2.09 0.00	43.58 2.04 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.47 2.31 0.00	58.73 2.58 0.00	58.54 2.41 0.00	55.09 2.42 0.00	48.08 2.07 0.00	41.67 1.72 0.00	38.09 1.60 0.00
CH_RES_BVR_FALLS 23983	41.90 -0.25 0.00	37.54 -0.19 0.00	34.16 -0.20 0.00	30.67 -0.18 0.00	30.94 -0.19 0.00	32.50 -0.20 0.00	37.39 -0.15 0.00	40.71 -0.08 0.00	42.40 -0.08 0.00	40.42 -0.04 0.00	38.53 -0.04 0.00	38.48 -0.08 0.00	38.94 -0.12 0.00	40.75 -0.16 0.00	41.38 -0.17 0.00	44.04 -0.18 0.00	46.53 -0.28 0.00	49.91 -0.25 0.00	55.86 -0.28 0.00	55.90 -0.22 0.00	52.35 -0.31 0.00	45.78 -0.23 0.00	39.79 -0.16 0.00	36.34 -0.15 0.00
CH_RES_NIAGARA 23895	40.59 -1.56 0.00	36.33 -1.40 0.00	33.61 -0.76 0.00	29.93 -0.93 0.00	30.10 -1.03 0.00	32.47 -0.23 0.00	35.77 -1.76 0.00	38.14 -2.65 0.00	38.66 -3.82 0.00	37.02 -3.44 0.00	35.95 -2.62 0.00	37.14 -1.43 0.00	37.92 -1.13 0.00	40.06 -0.86 0.00	41.25 -0.29 0.00	43.77 -0.44 0.00	45.73 -1.08 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	53.82 -2.30 0.00	51.03 -1.63 0.00	43.94 -2.07 0.00	39.51 -0.44 0.00	37.18 0.69 0.00
CH_RES_SYRACUSE 23985	41.94 -0.21 0.00	37.54 -0.19 0.00	34.23 -0.14 0.00	30.67 -0.18 0.00	30.94 -0.19 0.00	32.53 -0.16 0.00	37.31 -0.22 0.00	40.51 -0.28 0.00	42.02 -0.47 0.00	39.97 -0.48 0.00	38.18 -0.39 0.00	38.21 -0.35 0.00	38.74 -0.31 0.00	40.71 -0.20 0.00	41.42 -0.12 0.00	44.08 -0.13 0.00	46.67 -0.14 0.00	50.11 -0.05 0.00	56.03 -0.11 0.00	56.07 -0.06 0.00	52.82 0.16 0.00	46.06 0.05 0.00	40.03 0.08 0.00	36.52 0.04 0.00
CLINTON_WT_PWR 323605	42.28 0.13 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.69 0.15 0.00	41.16 0.37 0.00	42.86 0.38 0.00	40.90 0.45 0.00	38.96 0.39 0.00	38.83 0.27 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.75 0.21 0.00	44.48 0.27 0.00	46.95 0.14 0.00	50.52 0.35 0.00	56.59 0.45 0.00	56.74 0.62 0.00	53.03 0.37 0.00	46.47 0.46 0.00	40.39 0.44 0.00	36.82 0.33 0.00
CLINTON___LFGE 323618	42.87 0.72 0.00	38.41 0.68 0.00	34.95 0.58 0.00	31.25 0.40 0.00	31.50 0.37 0.00	33.12 0.42 0.00	38.25 0.71 0.00	41.77 0.98 0.00	43.38 0.89 0.00	41.43 0.97 0.00	39.46 0.89 0.00	39.33 0.77 0.00	39.68 0.62 0.00	41.61 0.69 0.00	42.33 0.79 0.00	45.10 0.88 0.00	47.56 0.75 0.00	51.26 1.10 0.00	57.49 1.35 0.00	57.64 1.52 0.00	53.98 1.32 0.00	47.26 1.24 0.00	41.07 1.12 0.00	37.40 0.91 0.00
COBBLENY_34_KV_TB1 80064	41.90 -0.25 0.00	37.39 -0.34 0.00	34.57 0.21 0.00	30.79 -0.06 0.00	30.97 -0.16 0.00	32.76 0.07 0.00	36.94 -0.60 0.00	39.40 -1.39 0.00	40.10 -2.38 0.00	38.31 -2.14 0.00	37.26 -1.31 0.00	38.33 -0.23 0.00	39.21 0.16 0.00	41.45 0.53 0.00	42.58 1.04 0.00	45.28 1.06 0.00	47.37 0.56 0.00	50.71 0.55 0.00	56.14 0.00 0.00	55.96 -0.17 0.00	53.08 0.42 0.00	45.60 -0.41 0.00	40.83 0.88 0.00	38.35 1.86 0.00
COFFEEN___115KV_TB3 355620	43.84 1.69 0.00	39.28 1.55 0.00	35.81 1.44 0.00	32.12 1.26 0.00	32.43 1.31 0.00	34.07 1.37 0.00	39.15 1.61 0.00	42.50 1.71 0.00	43.72 1.23 0.00	41.39 0.93 0.00	39.50 0.93 0.00	39.29 0.73 0.00	39.68 0.62 0.00	41.53 0.61 0.00	41.96 0.42 0.00	44.57 0.35 0.00	47.14 0.33 0.00	51.17 1.00 0.00	57.99 1.85 0.00	58.59 2.47 0.00	55.72 3.05 0.00	48.87 2.85 0.00	42.15 2.20 0.00	38.31 1.82 0.00
COLDSPRG_115KV_BK1 355956	42.15 0.00 0.00	37.65 -0.08 0.00	34.77 0.41 0.00	30.98 0.12 0.00	31.15 0.03 0.00	32.99 0.29 0.00	37.57 0.04 0.00	40.22 -0.57 0.00	41.04 -1.44 0.00	39.16 -1.29 0.00	38.11 -0.46 0.00	39.06 0.50 0.00	39.99 0.94 0.00	42.23 1.31 0.00	43.24 1.70 0.00	45.99 1.77 0.00	48.31 1.50 0.00	51.27 1.10 0.00	56.87 0.73 0.00	56.85 0.73 0.00	53.98 1.32 0.00	46.33 0.32 0.00	41.39 1.44 0.00	38.71 2.23 0.00
COLONIE_LFGE___ 323577	43.71 1.56 0.00	39.16 1.43 0.00	35.67 1.31 0.00	32.12 1.27 0.00	32.40 1.28 0.00	34.04 1.34 0.00	38.96 1.43 0.00	42.26 1.47 0.00	43.93 1.45 0.00	41.75 1.29 0.00	39.69 1.12 0.00	39.60 1.04 0.00	40.11 1.05 0.00	41.90 0.98 0.00	42.45 0.91 0.00	45.23 1.02 0.00	47.93 1.12 0.00	51.42 1.25 0.00	57.55 1.40 0.00	57.42 1.29 0.00	54.24 1.58 0.00	47.39 1.38 0.00	41.07 1.12 0.00	37.51 1.02 0.00
COOPERNY_115KV_TB1 80082	43.59 1.43 0.00	39.05 1.32 0.00	35.50 1.13 0.00	31.87 1.02 0.00	32.12 1.00 0.00	33.78 1.08 0.00	38.74 1.20 0.00	42.02 1.22 0.00	43.72 1.23 0.00	41.67 1.21 0.00	39.73 1.16 0.00	39.68 1.12 0.00	40.23 1.17 0.00	42.10 1.19 0.00	42.70 1.16 0.00	45.46 1.24 0.00	48.17 1.36 0.00	51.32 1.15 0.00	57.43 1.29 0.00	57.36 1.23 0.00	53.93 1.26 0.00	47.12 1.10 0.00	40.91 0.96 0.00	37.36 0.88 0.00
COPENHAGEN_WT_PWR 323753	43.38 1.22 0.00	38.86 1.13 0.00	35.43 1.07 0.00	31.75 0.90 0.00	32.09 0.97 0.00	33.71 1.01 0.00	38.74 1.20 0.00	42.10 1.30 0.00	43.38 0.89 0.00	41.06 0.61 0.00	39.18 0.62 0.00	39.03 0.46 0.00	39.45 0.39 0.00	41.24 0.33 0.00	41.75 0.21 0.00	44.35 0.13 0.00	46.86 0.05 0.00	50.81 0.65 0.00	57.43 1.29 0.00	57.92 1.80 0.00	54.98 2.31 0.00	48.22 2.21 0.00	41.67 1.72 0.00	37.87 1.39 0.00
CORNELL_____ 23752	42.87 0.72 0.00	38.41 0.68 0.00	35.01 0.65 0.00	31.35 0.49 0.00	31.62 0.50 0.00	33.29 0.59 0.00	38.17 0.64 0.00	41.36 0.57 0.00	42.70 0.21 0.00	40.54 0.08 0.00	38.72 0.15 0.00	38.79 0.23 0.00	39.33 0.27 0.00	41.37 0.45 0.00	42.08 0.54 0.00	44.84 0.62 0.00	47.47 0.66 0.00	51.02 0.85 0.00	57.21 1.07 0.00	57.36 1.23 0.00	54.19 1.53 0.00	47.16 1.15 0.00	40.99 1.04 0.00	37.51 1.02 0.00

CORONA__69_KV_TB1 355595	45.90 3.75 0.00	41.16 3.43 0.00	37.28 2.92 0.00	33.51 2.65 0.00	33.77 2.65 0.00	35.54 2.84 0.00	40.76 3.23 0.00	44.14 3.34 0.00	45.80 3.31 0.00	43.98 3.52 0.00	41.77 3.20 0.00	41.72 3.16 0.00	42.26 3.20 0.00	43.94 3.03 0.00	44.53 2.99 0.00	47.05 2.83 0.00	49.95 3.14 0.00	53.07 2.91 0.00	59.29 3.14 0.00	59.27 3.14 0.00	55.24 2.58 0.00	48.50 2.48 0.00	42.07 2.12 0.00	38.57 2.08 0.00
CORTLAND__115KV_TB3 80093	42.53 0.38 0.00	38.11 0.38 0.00	34.74 0.38 0.00	31.13 0.28 0.00	31.40 0.28 0.00	33.02 0.33 0.00	37.87 0.34 0.00	41.08 0.29 0.00	42.48 0.00 0.00	40.38 -0.08 0.00	38.61 0.04 0.00	38.64 0.08 0.00	39.17 0.12 0.00	41.20 0.29 0.00	41.87 0.33 0.00	44.57 0.35 0.00	47.19 0.37 0.00	50.66 0.50 0.00	56.76 0.62 0.00	56.80 0.67 0.00	53.61 0.95 0.00	46.70 0.69 0.00	40.59 0.64 0.00	37.14 0.66 0.00
COXSACKIE__GT 23611	44.30 2.15 0.00	39.62 1.89 0.00	36.05 1.68 0.00	32.46 1.60 0.00	32.74 1.62 0.00	34.40 1.70 0.00	39.37 1.84 0.00	42.54 1.75 0.00	44.14 1.66 0.00	41.71 1.26 0.00	39.46 0.89 0.00	39.26 0.69 0.00	39.80 0.74 0.00	41.57 0.65 0.00	42.12 0.58 0.00	45.06 0.84 0.00	48.03 1.22 0.00	51.82 1.65 0.00	58.55 2.41 0.00	58.59 2.47 0.00	55.40 2.74 0.00	48.27 2.25 0.00	41.79 1.84 0.00	38.02 1.53 0.00
CPV_VALLEY__CC1 323721	43.75 1.60 0.00	39.24 1.51 0.00	35.63 1.27 0.00	32.02 1.17 0.00	32.27 1.15 0.00	33.94 1.24 0.00	38.93 1.39 0.00	42.22 1.43 0.00	43.97 1.49 0.00	41.91 1.45 0.00	39.92 1.35 0.00	39.87 1.31 0.00	40.39 1.33 0.00	42.23 1.31 0.00	42.79 1.25 0.00	45.59 1.37 0.00	48.31 1.50 0.00	51.36 1.20 0.00	57.49 1.35 0.00	57.31 1.18 0.00	53.92 1.26 0.00	47.11 1.10 0.00	40.83 0.88 0.00	37.36 0.87 0.00
CPV_VALLEY__CC2 323722	43.75 1.60 0.00	39.24 1.51 0.00	35.63 1.27 0.00	32.02 1.17 0.00	32.27 1.15 0.00	33.94 1.24 0.00	38.93 1.39 0.00	42.22 1.43 0.00	43.97 1.49 0.00	41.91 1.45 0.00	39.92 1.35 0.00	39.87 1.31 0.00	40.39 1.33 0.00	42.23 1.31 0.00	42.79 1.25 0.00	45.59 1.37 0.00	48.31 1.50 0.00	51.36 1.20 0.00	57.49 1.35 0.00	57.31 1.18 0.00	53.92 1.26 0.00	47.11 1.10 0.00	40.83 0.88 0.00	37.36 0.87 0.00
CRESCENT__HYD 24018	43.71 1.56 0.00	39.16 1.43 0.00	35.67 1.31 0.00	32.12 1.27 0.00	32.40 1.28 0.00	34.04 1.34 0.00	38.96 1.43 0.00	42.26 1.47 0.00	43.93 1.45 0.00	41.75 1.29 0.00	39.69 1.12 0.00	39.60 1.04 0.00	40.11 1.05 0.00	41.90 0.98 0.00	42.45 0.91 0.00	45.23 1.02 0.00	47.93 1.12 0.00	51.42 1.25 0.00	57.55 1.40 0.00	57.42 1.29 0.00	54.24 1.58 0.00	47.39 1.38 0.00	41.07 1.12 0.00	37.51 1.02 0.00
CRICKET__VALLEY_CC1 323756	43.92 1.77 0.00	39.39 1.66 0.00	35.77 1.41 0.00	32.18 1.33 0.00	32.43 1.31 0.00	34.07 1.37 0.00	39.08 1.54 0.00	42.38 1.59 0.00	44.10 1.61 0.00	42.03 1.58 0.00	40.00 1.43 0.00	39.91 1.35 0.00	40.42 1.37 0.00	42.19 1.27 0.00	42.70 1.16 0.00	45.50 1.28 0.00	48.21 1.40 0.00	51.42 1.25 0.00	57.38 1.23 0.00	57.19 1.06 0.00	53.87 1.21 0.00	47.16 1.15 0.00	40.87 0.92 0.00	37.36 0.87 0.00
CRICKET__VALLEY_CC2 323757	43.92 1.77 0.00	39.39 1.66 0.00	35.77 1.41 0.00	32.18 1.33 0.00	32.43 1.31 0.00	34.07 1.37 0.00	39.08 1.54 0.00	42.38 1.59 0.00	44.10 1.61 0.00	42.03 1.58 0.00	40.00 1.43 0.00	39.91 1.35 0.00	40.42 1.37 0.00	42.19 1.27 0.00	42.70 1.16 0.00	45.50 1.28 0.00	48.21 1.40 0.00	51.42 1.25 0.00	57.38 1.23 0.00	57.19 1.06 0.00	53.87 1.21 0.00	47.16 1.15 0.00	40.87 0.92 0.00	37.36 0.87 0.00
CRICKET__VALLEY_CC3 323758	43.92 1.77 0.00	39.39 1.66 0.00	35.77 1.41 0.00	32.18 1.33 0.00	32.43 1.31 0.00	34.07 1.37 0.00	39.08 1.54 0.00	42.38 1.59 0.00	44.10 1.61 0.00	42.03 1.58 0.00	40.00 1.43 0.00	39.91 1.35 0.00	40.42 1.37 0.00	42.19 1.27 0.00	42.70 1.16 0.00	45.50 1.28 0.00	48.21 1.40 0.00	51.42 1.25 0.00	57.38 1.23 0.00	57.19 1.06 0.00	53.87 1.21 0.00	47.16 1.15 0.00	40.87 0.92 0.00	37.36 0.87 0.00
CRUCIBLE__METL_DRP 24180	41.94 -0.21 0.00	37.54 -0.19 0.00	34.22 -0.14 0.00	30.70 -0.15 0.00	30.94 -0.19 0.00	32.53 -0.16 0.00	37.31 -0.23 0.00	40.51 -0.29 0.00	41.97 -0.51 0.00	39.97 -0.49 0.00	38.18 -0.39 0.00	38.21 -0.35 0.00	38.74 -0.31 0.00	40.71 -0.20 0.00	41.42 -0.12 0.00	44.08 -0.13 0.00	46.67 -0.14 0.00	50.06 -0.10 0.00	56.03 -0.11 0.00	56.07 -0.06 0.00	52.82 0.16 0.00	46.01 0.00 0.00	39.95 0.00 0.00	36.52 0.04 0.00
DAHOWA__HYDRO 323763	44.22 2.06 0.00	39.62 1.89 0.00	36.11 1.75 0.00	32.42 1.57 0.00	32.74 1.62 0.00	34.43 1.73 0.00	39.45 1.91 0.00	42.75 1.96 0.00	44.35 1.87 0.00	41.99 1.54 0.00	39.80 1.23 0.00	39.72 1.16 0.00	40.15 1.09 0.00	41.98 1.06 0.00	42.50 0.96 0.00	45.36 1.15 0.00	48.12 1.31 0.00	51.77 1.60 0.00	58.27 2.13 0.00	58.26 2.13 0.00	55.24 2.58 0.00	48.18 2.16 0.00	41.67 1.72 0.00	38.06 1.57 0.00
DANC__LFGE 323619	42.62 0.46 0.00	38.18 0.45 0.00	34.81 0.45 0.00	31.19 0.34 0.00	31.50 0.37 0.00	33.12 0.42 0.00	38.02 0.49 0.00	41.28 0.49 0.00	42.65 0.17 0.00	40.46 0.00 0.00	38.61 0.04 0.00	38.52 -0.04 0.00	38.98 -0.08 0.00	40.84 -0.08 0.00	41.42 -0.12 0.00	43.95 -0.26 0.00	46.44 -0.38 0.00	50.21 0.05 0.00	56.54 0.40 0.00	56.91 0.79 0.00	53.82 1.16 0.00	47.11 1.10 0.00	40.83 0.88 0.00	37.15 0.66 0.00
DANSKAMMER__1 23586	44.77 2.61 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.67 1.82 0.00	32.93 1.80 0.00	34.63 1.93 0.00	39.71 2.18 0.00	43.03 2.24 0.00	44.90 2.42 0.00	42.76 2.30 0.00	40.69 2.12 0.00	40.60 2.04 0.00	41.13 2.07 0.00	43.00 2.09 0.00	43.58 2.04 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.47 2.31 0.00	58.73 2.58 0.00	58.54 2.41 0.00	55.09 2.42 0.00	48.08 2.07 0.00	41.67 1.72 0.00	38.09 1.60 0.00
DANSKAMMER__2 23589	44.77 2.61 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.67 1.82 0.00	32.93 1.80 0.00	34.63 1.93 0.00	39.71 2.18 0.00	43.03 2.24 0.00	44.90 2.42 0.00	42.76 2.30 0.00	40.69 2.12 0.00	40.60 2.04 0.00	41.13 2.07 0.00	43.00 2.09 0.00	43.58 2.04 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.47 2.31 0.00	58.73 2.58 0.00	58.54 2.41 0.00	55.09 2.42 0.00	48.08 2.07 0.00	41.67 1.72 0.00	38.09 1.60 0.00
DANSKAMMER__3 23590	44.77 2.61 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.67 1.82 0.00	32.93 1.80 0.00	34.63 1.93 0.00	39.71 2.18 0.00	43.03 2.24 0.00	44.90 2.42 0.00	42.76 2.30 0.00	40.69 2.12 0.00	40.60 2.04 0.00	41.13 2.07 0.00	43.00 2.09 0.00	43.58 2.04 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.47 2.31 0.00	58.73 2.58 0.00	58.54 2.41 0.00	55.09 2.42 0.00	48.08 2.07 0.00	41.67 1.72 0.00	38.09 1.60 0.00

DANSKAMMER___4 23591	44.77 2.61 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.67 1.82 0.00	32.93 1.80 0.00	34.63 1.93 0.00	39.71 2.18 0.00	43.03 2.24 0.00	44.90 2.42 0.00	42.76 2.30 0.00	40.69 2.12 0.00	40.60 2.04 0.00	41.13 2.07 0.00	43.00 2.09 0.00	43.58 2.04 0.00	46.43 2.21 0.00	49.29 2.48 0.00	52.47 2.31 0.00	58.73 2.58 0.00	58.54 2.41 0.00	55.09 2.42 0.00	48.08 2.07 0.00	41.67 1.72 0.00	38.09 1.60 0.00
DANSKAMMER___DIESEL 23592	44.77 2.61 0.00	40.14 2.41 0.00	36.39 2.03 0.00	32.67 1.82 0.00	32.93 1.81 0.00	34.63 1.93 0.00	39.75 2.21 0.00	43.04 2.24 0.00	44.95 2.46 0.00	42.80 2.35 0.00	40.69 2.12 0.00	40.61 2.04 0.00	41.17 2.11 0.00	43.00 2.09 0.00	43.58 2.04 0.00	46.47 2.26 0.00	49.29 2.48 0.00	52.47 2.31 0.00	58.72 2.58 0.00	58.59 2.47 0.00	55.08 2.42 0.00	48.18 2.16 0.00	41.79 1.84 0.00	38.09 1.61 0.00
DARBY___SOLAR 323810	44.09 1.94 0.00	39.50 1.77 0.00	36.01 1.65 0.00	32.33 1.48 0.00	32.65 1.52 0.00	34.33 1.63 0.00	39.30 1.76 0.00	42.58 1.79 0.00	44.23 1.74 0.00	41.91 1.45 0.00	39.73 1.16 0.00	39.64 1.08 0.00	40.07 1.01 0.00	41.94 1.02 0.00	42.45 0.91 0.00	45.28 1.06 0.00	48.03 1.22 0.00	51.67 1.50 0.00	58.05 1.91 0.00	58.09 1.96 0.00	54.98 2.31 0.00	47.99 1.98 0.00	41.55 1.60 0.00	37.95 1.46 0.00
DASHVILLE___HYD 23610	44.09 1.94 0.00	39.54 1.81 0.00	35.84 1.48 0.00	32.18 1.33 0.00	32.46 1.34 0.00	34.07 1.37 0.00	39.08 1.54 0.00	42.30 1.51 0.00	44.14 1.66 0.00	42.07 1.62 0.00	40.00 1.43 0.00	39.87 1.31 0.00	40.42 1.37 0.00	42.23 1.31 0.00	42.83 1.29 0.00	45.63 1.41 0.00	48.40 1.59 0.00	51.57 1.40 0.00	57.71 1.57 0.00	57.58 1.46 0.00	54.14 1.47 0.00	47.39 1.38 0.00	41.11 1.16 0.00	37.47 0.99 0.00
DELAWARE___LFGE 323621	43.16 1.01 0.00	38.67 0.94 0.00	35.22 0.86 0.00	31.56 0.71 0.00	31.84 0.72 0.00	33.51 0.82 0.00	38.40 0.86 0.00	41.65 0.86 0.00	43.21 0.72 0.00	41.10 0.65 0.00	39.26 0.69 0.00	39.29 0.73 0.00	39.80 0.74 0.00	41.78 0.86 0.00	42.37 0.83 0.00	45.10 0.88 0.00	47.75 0.94 0.00	51.07 0.90 0.00	57.26 1.12 0.00	57.25 1.12 0.00	53.98 1.32 0.00	47.07 1.06 0.00	40.91 0.96 0.00	37.40 0.91 0.00
DERFIELD_115KV_TB7 355931	42.36 0.21 0.00	37.92 0.19 0.00	34.53 0.17 0.00	31.01 0.15 0.00	31.28 0.16 0.00	32.89 0.20 0.00	37.72 0.19 0.00	40.95 0.16 0.00	42.61 0.13 0.00	40.58 0.12 0.00	38.69 0.12 0.00	38.68 0.12 0.00	39.17 0.12 0.00	41.00 0.08 0.00	41.62 0.08 0.00	44.31 0.09 0.00	46.91 0.09 0.00	50.26 0.10 0.00	56.25 0.11 0.00	56.24 0.11 0.00	52.87 0.21 0.00	46.20 0.18 0.00	40.07 0.12 0.00	36.60 0.11 0.00
DOGLEVILLE___HYD 23807	43.25 1.10 0.00	38.71 0.98 0.00	35.22 0.86 0.00	31.62 0.77 0.00	31.90 0.78 0.00	33.55 0.85 0.00	38.51 0.98 0.00	41.85 1.06 0.00	43.50 1.02 0.00	41.47 1.01 0.00	39.57 1.00 0.00	39.60 1.04 0.00	40.07 1.02 0.00	42.02 1.10 0.00	42.62 1.08 0.00	45.37 1.15 0.00	47.98 1.17 0.00	51.37 1.20 0.00	57.55 1.40 0.00	57.47 1.35 0.00	54.08 1.42 0.00	47.30 1.29 0.00	41.07 1.12 0.00	37.51 1.02 0.00
DUNKIRK___115KV_TB_200 55889	41.94 -0.21 0.00	37.50 -0.23 0.00	34.64 0.27 0.00	30.85 0.00 0.00	31.03 -0.09 0.00	32.86 0.16 0.00	37.05 -0.49 0.00	39.61 -1.18 0.00	40.32 -2.17 0.00	38.56 -1.90 0.00	37.45 -1.12 0.00	38.48 -0.08 0.00	39.37 0.31 0.00	41.57 0.65 0.00	42.70 1.16 0.00	45.37 1.15 0.00	47.56 0.75 0.00	50.91 0.75 0.00	56.42 0.28 0.00	56.35 0.22 0.00	53.50 0.84 0.00	46.01 0.00 0.00	41.15 1.20 0.00	38.53 2.04 0.00
DUNKIRK___1 23563	41.94 -0.21 0.00	37.50 -0.23 0.00	34.64 0.27 0.00	30.85 0.00 0.00	31.03 -0.09 0.00	32.86 0.16 0.00	37.05 -0.49 0.00	39.61 -1.18 0.00	40.32 -2.17 0.00	38.56 -1.90 0.00	37.45 -1.12 0.00	38.48 -0.08 0.00	39.37 0.31 0.00	41.57 0.65 0.00	42.70 1.16 0.00	45.37 1.15 0.00	47.56 0.75 0.00	50.91 0.75 0.00	56.42 0.28 0.00	56.35 0.22 0.00	53.50 0.84 0.00	46.01 0.00 0.00	41.15 1.20 0.00	38.53 2.04 0.00
DUNKIRK___2 23564	41.94 -0.21 0.00	37.50 -0.23 0.00	34.64 0.27 0.00	30.85 0.00 0.00	31.03 -0.09 0.00	32.86 0.16 0.00	37.05 -0.49 0.00	39.61 -1.18 0.00	40.32 -2.17 0.00	38.56 -1.90 0.00	37.45 -1.12 0.00	38.48 -0.08 0.00	39.37 0.31 0.00	41.57 0.65 0.00	42.70 1.16 0.00	45.37 1.15 0.00	47.56 0.75 0.00	50.91 0.75 0.00	56.42 0.28 0.00	56.35 0.22 0.00	53.50 0.84 0.00	46.01 0.00 0.00	41.15 1.20 0.00	38.53 2.04 0.00
DUNKIRK___3 23565	41.82 -0.34 0.00	37.39 -0.34 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.94 -0.19 0.00	32.76 0.07 0.00	36.94 -0.60 0.00	39.45 -1.35 0.00	40.15 -2.34 0.00	38.39 -2.06 0.00	37.30 -1.27 0.00	38.33 -0.23 0.00	39.17 0.12 0.00	41.41 0.49 0.00	42.50 0.96 0.00	45.19 0.97 0.00	47.33 0.51 0.00	50.66 0.50 0.00	56.14 0.00 0.00	56.07 -0.06 0.00	53.19 0.53 0.00	45.74 -0.28 0.00	40.91 0.96 0.00	38.35 1.86 0.00
DUNKIRK___4 23566	41.82 -0.34 0.00	37.39 -0.34 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.94 -0.19 0.00	32.76 0.07 0.00	36.94 -0.60 0.00	39.45 -1.35 0.00	40.15 -2.34 0.00	38.39 -2.06 0.00	37.30 -1.27 0.00	38.33 -0.23 0.00	39.17 0.12 0.00	41.41 0.49 0.00	42.50 0.96 0.00	45.19 0.97 0.00	47.33 0.51 0.00	50.66 0.50 0.00	56.14 0.00 0.00	56.07 -0.06 0.00	53.19 0.53 0.00	45.74 -0.28 0.00	40.91 0.96 0.00	38.35 1.86 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.02 2.87 0.00	40.37 2.64 0.00	36.60 2.23 0.00	32.83 1.97 0.00	33.08 1.96 0.00	34.82 2.13 0.00	39.98 2.44 0.00	43.40 2.61 0.00	45.29 2.80 0.00	43.21 2.75 0.00	41.08 2.51 0.00	41.03 2.47 0.00	41.60 2.54 0.00	43.45 2.54 0.00	43.99 2.45 0.00	46.83 2.61 0.00	49.62 2.81 0.00	52.57 2.41 0.00	58.78 2.64 0.00	58.59 2.47 0.00	55.03 2.37 0.00	48.18 2.16 0.00	41.79 1.84 0.00	38.02 1.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.47 2.32 0.00	39.84 2.11 0.00	36.15 1.79 0.00	32.46 1.60 0.00	32.71 1.59 0.00	34.40 1.70 0.00	39.45 1.91 0.00	42.79 2.00 0.00	44.61 2.12 0.00	42.52 2.06 0.00	40.46 1.89 0.00	40.37 1.81 0.00	40.93 1.87 0.00	42.76 1.84 0.00	43.37 1.83 0.00	46.16 1.95 0.00	48.96 2.15 0.00	52.12 1.96 0.00	58.33 2.19 0.00	58.20 2.08 0.00	54.72 2.05 0.00	47.85 1.84 0.00	41.51 1.56 0.00	37.84 1.35 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.40 3.25 0.00	40.71 2.98 0.00	36.87 2.51 0.00	33.07 2.22 0.00	33.33 2.21 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.40 2.61 0.00	45.33 2.85 0.00	43.25 2.79 0.00	41.11 2.55 0.00	41.07 2.51 0.00	41.63 2.58 0.00	43.54 2.62 0.00	44.12 2.58 0.00	47.05 2.83 0.00	49.67 2.86 0.00	52.12 1.96 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.40 1.74 0.00	47.90 1.89 0.00	41.75 1.80 0.00	38.09 1.61 0.00

E179THST_13_KV_LOAD 356214	45.65 3.50 0.00	40.94 3.21 0.00	37.04 2.68 0.00	33.23 2.38 0.00	33.49 2.37 0.00	35.15 2.45 0.00	40.35 2.82 0.00	43.65 2.86 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.78 2.86 0.00	44.37 2.82 0.00	47.31 3.10 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.50 2.36 0.00	58.31 2.19 0.00	54.77 2.11 0.00	48.18 2.16 0.00	41.95 2.00 0.00	38.28 1.79 0.00
EAST HAMPTON___GT 23717	47.17 5.01 -0.01	42.34 4.60 -0.01	38.32 3.95 -0.01	34.28 3.42 -0.01	34.40 3.27 -0.01	36.17 3.46 -0.01	41.11 3.57 -0.01	44.87 4.08 0.00	46.35 3.87 0.00	44.67 4.21 -0.01	42.43 3.86 0.00	42.43 3.86 -0.01	42.84 3.79 0.00	44.44 3.52 0.00	44.99 3.45 0.00	47.54 3.32 0.00	50.79 3.98 0.00	53.87 3.71 0.00	60.13 3.99 0.00	60.22 4.09 0.00	54.98 2.31 0.00	47.99 1.98 0.00	40.75 0.80 0.00	38.31 1.82 0.00
EAST RIVER___6 23660	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.08 1.96 0.00	34.82 2.12 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.71 2.66 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.81 3.00 0.00	52.62 2.46 0.00	58.89 2.75 0.00	58.59 2.47 0.00	55.03 2.37 0.00	48.18 2.16 0.00	41.79 1.84 0.00	38.09 1.60 0.00
EAST RIVER___7 23524	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.08 1.96 0.00	34.82 2.12 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.71 2.66 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.81 3.00 0.00	52.62 2.46 0.00	58.89 2.75 0.00	58.59 2.47 0.00	55.03 2.37 0.00	48.18 2.16 0.00	41.79 1.84 0.00	38.09 1.60 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	44.85 2.70 0.00	40.22 2.49 0.00	36.46 2.10 0.00	32.73 1.88 0.00	32.99 1.87 0.00	34.69 1.99 0.00	39.83 2.29 0.00	43.24 2.45 0.00	45.12 2.63 0.00	43.01 2.55 0.00	40.92 2.35 0.00	40.88 2.31 0.00	41.40 2.34 0.00	43.25 2.33 0.00	43.83 2.28 0.00	46.65 2.43 0.00	49.39 2.57 0.00	52.37 2.21 0.00	58.61 2.47 0.00	58.43 2.30 0.00	54.82 2.16 0.00	48.04 2.02 0.00	41.67 1.72 0.00	37.95 1.46 0.00
EAST_HAMPTON___DIESEL 23722	47.13 4.97 -0.01	42.30 4.56 -0.01	38.25 3.88 -0.01	34.22 3.36 -0.01	34.34 3.21 -0.01	36.11 3.40 -0.01	41.00 3.45 -0.01	44.79 4.00 0.00	46.26 3.78 0.00	44.59 4.13 -0.01	42.35 3.78 0.00	42.35 3.78 -0.01	42.77 3.71 0.00	44.35 3.44 0.00	44.90 3.36 0.00	47.44 3.23 0.00	50.69 3.88 0.00	53.78 3.61 0.00	60.01 3.87 0.00	60.11 3.99 0.00	54.82 2.16 0.00	47.85 1.84 0.00	40.63 0.68 0.00	38.24 1.75 0.00
EAST_POINT___SOLAR 323840	44.60 2.44 0.00	39.84 2.11 0.00	36.32 1.96 0.00	32.52 1.66 0.00	32.86 1.74 0.00	34.69 1.99 0.00	39.52 1.99 0.00	42.10 1.30 0.00	43.25 0.77 0.00	40.82 0.36 0.00	38.80 0.23 0.00	38.68 0.12 0.00	39.10 0.04 0.00	41.00 0.08 0.00	41.21 -0.33 0.00	43.86 -0.36 0.00	46.20 -0.61 0.00	49.81 -0.35 0.00	56.93 0.79 0.00	58.65 2.53 0.00	56.19 3.53 0.00	49.05 3.04 0.00	42.31 2.36 0.00	38.49 2.01 0.00
EAST_PULASKI___ESR 323781	41.94 -0.21 0.00	37.54 -0.19 0.00	34.23 -0.14 0.00	30.67 -0.18 0.00	30.97 -0.15 0.00	32.57 -0.13 0.00	37.35 -0.19 0.00	40.55 -0.24 0.00	42.02 -0.47 0.00	39.89 -0.57 0.00	38.07 -0.50 0.00	38.06 -0.50 0.00	38.55 -0.51 0.00	40.43 -0.49 0.00	41.08 -0.46 0.00	43.64 -0.58 0.00	46.16 -0.66 0.00	49.71 -0.45 0.00	55.75 -0.39 0.00	55.96 -0.17 0.00	52.82 0.16 0.00	46.15 0.14 0.00	40.03 0.08 0.00	36.49 0.00 0.00
EAST_RIVER___1 323558	45.23 3.08 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.14 2.02 0.00	34.89 2.19 0.00	40.12 2.59 0.00	43.60 2.81 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.22 2.66 0.00	41.79 2.73 0.00	43.70 2.78 0.00	44.20 2.66 0.00	47.09 2.87 0.00	49.85 3.04 0.00	52.67 2.51 0.00	58.95 2.81 0.00	58.65 2.53 0.00	55.09 2.42 0.00	48.22 2.21 0.00	41.79 1.84 0.00	38.13 1.64 0.00
EAST_RIVER___2 323559	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.08 1.96 0.00	34.82 2.12 0.00	40.09 2.55 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.71 2.66 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.81 3.00 0.00	52.62 2.46 0.00	58.89 2.75 0.00	58.59 2.47 0.00	55.03 2.37 0.00	48.18 2.16 0.00	41.79 1.84 0.00	38.09 1.60 0.00
EAST___DELAWARE_HYD 23607	44.60 2.44 0.00	39.96 2.23 0.00	36.22 1.85 0.00	32.49 1.63 0.00	32.74 1.62 0.00	34.46 1.76 0.00	39.52 1.99 0.00	42.83 2.04 0.00	44.65 2.17 0.00	42.52 2.06 0.00	40.46 1.89 0.00	40.41 1.85 0.00	40.93 1.87 0.00	42.84 1.92 0.00	43.45 1.91 0.00	46.34 2.12 0.00	49.20 2.39 0.00	52.47 2.31 0.00	58.89 2.75 0.00	58.71 2.58 0.00	55.24 2.58 0.00	48.22 2.21 0.00	41.75 1.80 0.00	38.13 1.64 0.00
EIGHT_POINT___WT_PWR 323820	42.28 0.13 0.00	37.88 0.15 0.00	34.78 0.41 0.00	30.82 -0.03 0.00	31.28 0.16 0.00	33.09 0.39 0.00	37.61 0.08 0.00	40.26 -0.53 0.00	41.04 -1.44 0.00	39.00 -1.45 0.00	37.45 -1.12 0.00	38.10 -0.46 0.00	38.86 -0.19 0.00	41.00 0.08 0.00	42.17 0.62 0.00	44.70 0.49 0.00	47.14 0.33 0.00	50.66 0.50 0.00	56.65 0.50 0.00	57.31 1.18 0.00	54.35 1.68 0.00	47.35 1.34 0.00	41.83 1.88 0.00	38.46 1.97 0.00
ELBRIDGE_115KV_TB2 80188	41.77 -0.38 0.00	37.39 -0.34 0.00	34.09 -0.27 0.00	30.57 -0.28 0.00	30.81 -0.31 0.00	32.40 -0.29 0.00	37.16 -0.38 0.00	40.34 -0.45 0.00	41.80 -0.68 0.00	39.77 -0.69 0.00	37.99 -0.58 0.00	38.06 -0.50 0.00	38.59 -0.47 0.00	40.55 -0.37 0.00	41.25 -0.29 0.00	43.91 -0.31 0.00	46.48 -0.33 0.00	49.91 -0.25 0.00	55.81 -0.34 0.00	55.84 -0.28 0.00	52.61 -0.05 0.00	45.83 -0.18 0.00	39.83 -0.12 0.00	36.45 -0.04 0.00
ELEC_TRO_TEK 24086	45.69 3.54 0.00	40.97 3.24 0.00	37.15 2.78 0.00	33.35 2.50 0.00	33.58 2.46 0.00	35.35 2.65 0.00	40.58 3.04 0.00	43.93 3.14 0.00	45.58 3.10 0.00	43.77 3.32 0.00	41.58 3.01 0.00	41.49 2.93 0.00	42.03 2.97 0.00	43.66 2.74 0.00	44.28 2.74 0.00	46.87 2.65 0.00	49.71 2.90 0.00	52.72 2.56 0.00	58.89 2.75 0.00	58.82 2.69 0.00	54.87 2.21 0.00	48.18 2.16 0.00	41.79 1.84 0.00	38.28 1.79 0.00
ELLENBURG_WT_PWR 323604	42.28 0.13 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.69 0.15 0.00	41.16 0.37 0.00	42.86 0.38 0.00	40.90 0.45 0.00	38.96 0.39 0.00	38.83 0.27 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.75 0.21 0.00	44.48 0.27 0.00	46.95 0.14 0.00	50.52 0.35 0.00	56.59 0.45 0.00	56.74 0.62 0.00	53.03 0.37 0.00	46.47 0.46 0.00	40.39 0.44 0.00	36.82 0.33 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.65 -0.51 0.00	37.24 -0.49 0.00	34.40 0.03 0.00	30.64 -0.22 0.00	30.81 -0.31 0.00	32.66 -0.03 0.00	36.75 -0.79 0.00	39.16 -1.63 0.00	39.81 -2.68 0.00	38.07 -2.39 0.00	36.99 -1.58 0.00	38.06 -0.50 0.00	38.94 -0.12 0.00	41.12 0.20 0.00	42.29 0.75 0.00	44.92 0.71 0.00	47.00 0.19 0.00	50.31 0.15 0.00	55.64 -0.51 0.00	55.51 -0.62 0.00	52.61 -0.05 0.00	45.28 -0.74 0.00	40.55 0.60 0.00	38.13 1.64 0.00
EMPIRE_CC_1 323656	43.00 0.84 0.00	38.56 0.83 0.00	35.19 0.82 0.00	31.78 0.92 0.00	32.06 0.93 0.00	33.65 0.95 0.00	38.40 0.86 0.00	41.61 0.82 0.00	43.25 0.77 0.00	41.19 0.73 0.00	39.15 0.58 0.00	39.06 0.50 0.00	39.53 0.47 0.00	41.33 0.41 0.00	41.83 0.29 0.00	44.53 0.31 0.00	47.18 0.37 0.00	50.52 0.35 0.00	56.48 0.34 0.00	56.29 0.17 0.00	53.13 0.47 0.00	46.52 0.51 0.00	40.35 0.40 0.00	36.82 0.33 0.00
EMPIRE_CC_2 323658	43.00 0.84 0.00	38.56 0.83 0.00	35.19 0.82 0.00	31.78 0.92 0.00	32.06 0.93 0.00	33.65 0.95 0.00	38.40 0.86 0.00	41.61 0.82 0.00	43.25 0.77 0.00	41.19 0.73 0.00	39.15 0.58 0.00	39.06 0.50 0.00	39.53 0.47 0.00	41.33 0.41 0.00	41.83 0.29 0.00	44.53 0.31 0.00	47.18 0.37 0.00	50.52 0.35 0.00	56.48 0.34 0.00	56.29 0.17 0.00	53.13 0.47 0.00	46.52 0.51 0.00	40.35 0.40 0.00	36.82 0.33 0.00
ENORWICH_115KV_TB1 80156	44.77 2.61 0.00	39.99 2.26 0.00	36.53 2.16 0.00	32.70 1.85 0.00	33.02 1.90 0.00	34.79 2.09 0.00	39.94 2.40 0.00	43.24 2.45 0.00	44.31 1.83 0.00	41.91 1.46 0.00	40.11 1.54 0.00	40.07 1.50 0.00	40.50 1.45 0.00	42.76 1.84 0.00	43.33 1.79 0.00	46.12 1.90 0.00	48.96 2.15 0.00	52.77 2.61 0.00	59.57 3.42 0.00	59.72 3.59 0.00	56.72 4.05 0.00	49.42 3.40 0.00	42.79 2.84 0.00	39.15 2.66 0.00
ERIE_ST__34_KV_TB1-2 80199	41.82 -0.34 0.00	37.35 -0.38 0.00	34.50 0.14 0.00	30.73 -0.12 0.00	30.90 -0.22 0.00	32.66 -0.03 0.00	36.90 -0.64 0.00	39.28 -1.51 0.00	40.02 -2.46 0.00	38.27 -2.18 0.00	37.18 -1.39 0.00	38.21 -0.35 0.00	39.13 0.08 0.00	41.41 0.49 0.00	42.50 0.96 0.00	45.19 0.97 0.00	47.33 0.51 0.00	50.61 0.45 0.00	56.09 -0.06 0.00	55.90 -0.22 0.00	52.98 0.32 0.00	45.46 -0.55 0.00	40.67 0.72 0.00	38.24 1.75 0.00
ERIE_WT_PWR 323693	41.90 -0.25 0.00	37.51 -0.23 0.00	34.57 0.21 0.00	30.51 -0.34 0.00	31.03 -0.09 0.00	32.86 0.16 0.00	36.93 -0.60 0.00	39.36 -1.43 0.00	40.19 -2.29 0.00	38.48 -1.98 0.00	37.14 -1.43 0.00	38.29 -0.27 0.00	39.25 0.20 0.00	41.33 0.41 0.00	42.70 1.16 0.00	45.10 0.88 0.00	47.23 0.42 0.00	50.61 0.45 0.00	55.97 -0.17 0.00	56.18 0.06 0.00	52.98 0.32 0.00	46.01 0.00 0.00	41.31 1.36 0.00	38.31 1.82 0.00
ESPRGFLD_115KV_TB1 80157	43.71 1.56 0.00	39.05 1.32 0.00	35.60 1.24 0.00	31.84 0.99 0.00	32.15 1.03 0.00	33.91 1.21 0.00	38.89 1.35 0.00	42.02 1.22 0.00	43.42 0.93 0.00	41.18 0.73 0.00	39.26 0.69 0.00	39.26 0.69 0.00	39.72 0.66 0.00	41.74 0.82 0.00	42.25 0.71 0.00	44.97 0.75 0.00	47.56 0.75 0.00	51.07 0.90 0.00	57.71 1.57 0.00	58.09 1.96 0.00	54.98 2.32 0.00	47.95 1.93 0.00	41.51 1.56 0.00	37.84 1.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.83 0.67 0.00	38.33 0.60 0.00	34.98 0.62 0.00	31.32 0.46 0.00	31.56 0.44 0.00	33.22 0.52 0.00	38.10 0.56 0.00	41.32 0.53 0.00	42.65 0.17 0.00	40.50 0.04 0.00	38.69 0.12 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.04 0.50 0.00	44.79 0.57 0.00	47.42 0.61 0.00	50.96 0.80 0.00	57.15 1.01 0.00	57.25 1.12 0.00	54.08 1.42 0.00	47.07 1.06 0.00	40.91 0.96 0.00	37.44 0.95 0.00
ETNA____115KV_TB2 80207	42.83 0.67 0.00	38.33 0.60 0.00	34.98 0.62 0.00	31.32 0.46 0.00	31.56 0.44 0.00	33.22 0.52 0.00	38.10 0.56 0.00	41.32 0.53 0.00	42.65 0.17 0.00	40.50 0.04 0.00	38.69 0.12 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.04 0.50 0.00	44.79 0.57 0.00	47.42 0.61 0.00	50.96 0.80 0.00	57.15 1.01 0.00	57.25 1.12 0.00	54.08 1.42 0.00	47.07 1.06 0.00	40.91 0.96 0.00	37.44 0.95 0.00
EUCLID____115KV_TB2 356179	41.48 -0.67 0.00	37.13 -0.60 0.00	33.85 -0.52 0.00	30.39 -0.46 0.00	30.62 -0.50 0.00	32.21 -0.49 0.00	36.90 -0.64 0.00	40.06 -0.73 0.00	41.55 -0.93 0.00	39.57 -0.89 0.00	37.80 -0.77 0.00	37.83 -0.73 0.00	38.35 -0.70 0.00	40.30 -0.61 0.00	40.96 -0.58 0.00	43.64 -0.57 0.00	46.16 -0.66 0.00	49.56 -0.60 0.00	55.41 -0.73 0.00	55.40 -0.73 0.00	52.19 -0.47 0.00	45.46 -0.55 0.00	39.51 -0.44 0.00	36.12 -0.36 0.00
E_CANADA_CAP_HY 24051	44.09 1.94 0.00	39.39 1.66 0.00	35.91 1.55 0.00	32.15 1.30 0.00	32.46 1.34 0.00	34.23 1.54 0.00	39.19 1.65 0.00	42.18 1.39 0.00	43.55 1.06 0.00	41.19 0.73 0.00	39.15 0.58 0.00	39.06 0.50 0.00	39.53 0.47 0.00	41.45 0.53 0.00	41.87 0.33 0.00	44.61 0.40 0.00	47.09 0.28 0.00	50.72 0.55 0.00	57.55 1.40 0.00	58.31 2.19 0.00	55.35 2.68 0.00	48.36 2.35 0.00	41.75 1.80 0.00	38.02 1.53 0.00
E_CANADA_MHWK_HY 24050	43.25 1.09 0.00	38.71 0.98 0.00	35.22 0.86 0.00	31.62 0.77 0.00	31.90 0.78 0.00	33.55 0.85 0.00	38.51 0.97 0.00	41.85 1.06 0.00	43.55 1.06 0.00	41.47 1.01 0.00	39.57 1.00 0.00	39.60 1.04 0.00	40.07 1.01 0.00	42.02 1.11 0.00	42.62 1.08 0.00	45.36 1.15 0.00	47.98 1.17 0.00	51.36 1.20 0.00	57.55 1.40 0.00	57.47 1.34 0.00	54.08 1.42 0.00	47.30 1.29 0.00	41.07 1.12 0.00	37.51 1.02 0.00
E_FISHKILL__LBMP 23776	44.30 2.15 0.00	39.73 2.00 0.00	36.05 1.68 0.00	32.36 1.51 0.00	32.65 1.52 0.00	34.33 1.63 0.00	39.38 1.84 0.00	42.71 1.92 0.00	44.52 2.04 0.00	42.44 1.98 0.00	40.38 1.81 0.00	40.30 1.74 0.00	40.85 1.80 0.00	42.68 1.76 0.00	43.20 1.66 0.00	45.99 1.77 0.00	48.73 1.92 0.00	51.82 1.66 0.00	57.94 1.80 0.00	57.81 1.68 0.00	54.35 1.69 0.00	47.58 1.56 0.00	41.27 1.32 0.00	37.66 1.17 0.00
FALCON____SEABRD_CC1 323796	42.79 0.63 0.00	38.30 0.57 0.00	34.84 0.48 0.00	31.19 0.34 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.13 0.60 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.35 0.89 0.00	39.38 0.81 0.00	39.29 0.73 0.00	39.64 0.59 0.00	41.57 0.65 0.00	42.25 0.71 0.00	45.06 0.84 0.00	47.47 0.66 0.00	51.11 0.95 0.00	57.32 1.18 0.00	57.47 1.34 0.00	53.71 1.05 0.00	47.07 1.06 0.00	40.91 0.96 0.00	37.29 0.80 0.00
FALCON____SEABRD_CC2 323797	42.79 0.63 0.00	38.30 0.57 0.00	34.84 0.48 0.00	31.19 0.34 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.13 0.60 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.35 0.89 0.00	39.38 0.81 0.00	39.29 0.73 0.00	39.64 0.59 0.00	41.57 0.65 0.00	42.25 0.71 0.00	45.06 0.84 0.00	47.47 0.66 0.00	51.11 0.95 0.00	57.32 1.18 0.00	57.47 1.34 0.00	53.71 1.05 0.00	47.07 1.06 0.00	40.91 0.96 0.00	37.29 0.80 0.00

FAR ROCKAWAY___4 23548	46.37 4.22 0.00	41.54 3.81 0.00	37.66 3.30 0.00	33.81 2.96 0.00	34.05 2.93 0.00	35.84 3.14 0.00	41.10 3.57 0.00	44.50 3.71 0.00	46.18 3.70 0.00	44.34 3.88 0.00	42.16 3.59 0.00	42.11 3.55 0.00	42.61 3.55 0.00	44.27 3.36 0.00	44.95 3.41 0.00	47.49 3.27 0.00	50.46 3.65 0.00	53.57 3.41 0.00	59.79 3.65 0.00	59.83 3.70 0.00	55.77 3.11 0.00	48.91 2.90 0.00	42.43 2.48 0.00	38.90 2.41 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.27 3.12 0.00	40.56 2.83 0.00	36.73 2.37 0.00	32.95 2.10 0.00	33.18 2.05 0.00	34.92 2.22 0.00	40.16 2.63 0.00	43.65 2.86 0.00	45.58 3.10 0.00	43.49 3.03 0.00	41.35 2.78 0.00	41.30 2.74 0.00	41.83 2.77 0.00	43.74 2.82 0.00	44.28 2.74 0.00	47.14 2.92 0.00	49.90 3.09 0.00	52.72 2.56 0.00	58.95 2.81 0.00	58.76 2.64 0.00	55.14 2.48 0.00	48.36 2.35 0.00	41.95 2.00 0.00	38.13 1.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.27 3.12 0.00	40.60 2.87 0.00	36.73 2.37 0.00	32.95 2.10 0.00	33.18 2.05 0.00	34.92 2.22 0.00	40.16 2.63 0.00	43.65 2.86 0.00	45.58 3.10 0.00	43.49 3.03 0.00	41.35 2.78 0.00	41.30 2.74 0.00	41.83 2.77 0.00	43.74 2.82 0.00	44.28 2.74 0.00	47.14 2.92 0.00	49.90 3.09 0.00	52.72 2.56 0.00	58.95 2.81 0.00	58.76 2.64 0.00	55.14 2.48 0.00	48.36 2.35 0.00	41.95 2.00 0.00	38.17 1.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.23 3.08 0.00	40.56 2.83 0.00	36.70 2.34 0.00	32.92 2.07 0.00	33.18 2.05 0.00	34.89 2.19 0.00	40.16 2.63 0.00	43.61 2.81 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.09 2.87 0.00	49.85 3.04 0.00	52.67 2.51 0.00	58.89 2.75 0.00	58.71 2.58 0.00	55.08 2.42 0.00	48.31 2.30 0.00	41.91 1.96 0.00	38.13 1.64 0.00
FARRAGUT___LBMP 323566	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.13 2.59 0.00	43.57 2.77 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.27 2.70 0.00	41.22 2.66 0.00	41.79 2.73 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.81 3.00 0.00	52.62 2.46 0.00	58.89 2.75 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.91 1.96 0.00	38.09 1.61 0.00
FENNER___WINDPWR 24204	42.91 0.76 0.00	38.41 0.68 0.00	35.01 0.65 0.00	31.38 0.52 0.00	31.68 0.56 0.00	33.32 0.62 0.00	38.21 0.68 0.00	41.48 0.69 0.00	43.00 0.51 0.00	40.82 0.36 0.00	38.99 0.43 0.00	38.99 0.42 0.00	39.45 0.39 0.00	41.41 0.49 0.00	42.04 0.50 0.00	44.70 0.49 0.00	47.38 0.56 0.00	50.92 0.75 0.00	57.15 1.01 0.00	57.25 1.12 0.00	54.03 1.37 0.00	47.16 1.15 0.00	40.91 0.96 0.00	37.29 0.80 0.00
FIBERTEK___ENERGY 23856	41.94 -0.21 0.00	37.54 -0.19 0.00	34.22 -0.14 0.00	30.70 -0.15 0.00	30.94 -0.19 0.00	32.53 -0.16 0.00	37.31 -0.23 0.00	40.51 -0.29 0.00	41.97 -0.51 0.00	39.97 -0.49 0.00	38.18 -0.39 0.00	38.21 -0.35 0.00	38.74 -0.31 0.00	40.71 -0.20 0.00	41.42 -0.12 0.00	44.08 -0.13 0.00	46.67 -0.14 0.00	50.06 -0.10 0.00	56.03 -0.11 0.00	56.07 -0.06 0.00	52.82 0.16 0.00	46.01 0.00 0.00	39.95 0.00 0.00	36.52 0.04 0.00
FITZPATRICK___ 23598	40.93 -1.22 0.00	36.63 -1.10 0.00	33.40 -0.96 0.00	29.96 -0.90 0.00	30.22 -0.90 0.00	31.75 -0.95 0.00	36.41 -1.13 0.00	39.53 -1.26 0.00	41.04 -1.44 0.00	39.04 -1.42 0.00	37.26 -1.31 0.00	37.33 -1.24 0.00	37.85 -1.21 0.00	39.69 -1.23 0.00	40.38 -1.16 0.00	42.98 -1.24 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.61 -1.51 0.00	51.40 -1.26 0.00	44.86 -1.15 0.00	38.99 -0.96 0.00	35.61 -0.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.85 2.70 0.00	40.22 2.49 0.00	36.46 2.10 0.00	32.73 1.88 0.00	32.99 1.87 0.00	34.69 1.99 0.00	39.79 2.25 0.00	43.12 2.33 0.00	45.03 2.55 0.00	42.88 2.43 0.00	40.77 2.20 0.00	40.68 2.12 0.00	41.20 2.15 0.00	43.09 2.17 0.00	43.66 2.12 0.00	46.52 2.30 0.00	49.34 2.53 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.71 2.58 0.00	55.19 2.53 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.13 1.64 0.00
FORT ORANGE___ 23900	43.04 0.89 0.00	38.52 0.79 0.00	35.12 0.76 0.00	31.69 0.83 0.00	31.99 0.87 0.00	33.55 0.85 0.00	38.36 0.82 0.00	41.65 0.86 0.00	43.25 0.77 0.00	41.10 0.65 0.00	39.11 0.54 0.00	38.99 0.42 0.00	39.49 0.43 0.00	41.28 0.37 0.00	41.75 0.21 0.00	44.48 0.27 0.00	47.18 0.37 0.00	50.61 0.45 0.00	56.76 0.62 0.00	56.63 0.50 0.00	53.40 0.74 0.00	46.66 0.64 0.00	40.43 0.48 0.00	36.93 0.44 0.00
FORT_DRUM_COGEN 23780	43.50 1.35 0.00	39.01 1.28 0.00	35.56 1.20 0.00	31.93 1.08 0.00	32.21 1.09 0.00	33.87 1.18 0.00	38.92 1.39 0.00	42.30 1.51 0.00	43.55 1.06 0.00	41.23 0.77 0.00	39.34 0.77 0.00	39.18 0.62 0.00	39.56 0.51 0.00	41.37 0.45 0.00	41.83 0.29 0.00	44.44 0.22 0.00	46.95 0.14 0.00	50.96 0.80 0.00	57.66 1.52 0.00	58.15 2.02 0.00	55.19 2.53 0.00	48.41 2.39 0.00	41.83 1.88 0.00	38.02 1.53 0.00
FOX_HILLS___ESR 323835	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.16 2.63 0.00	43.57 2.77 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.27 2.70 0.00	41.22 2.66 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.85 3.04 0.00	52.22 2.06 0.00	58.39 2.25 0.00	58.20 2.08 0.00	54.61 1.95 0.00	47.99 1.98 0.00	41.91 1.96 0.00	38.24 1.75 0.00
FPL_FAR_ROCK_GT1 24212	46.33 4.17 -0.01	41.55 3.81 -0.01	37.64 3.27 -0.01	33.79 2.93 -0.01	34.05 2.92 -0.01	35.81 3.11 -0.01	41.11 3.57 -0.01	44.50 3.71 0.00	46.01 3.52 0.00	44.23 3.76 -0.01	42.00 3.43 0.00	42.00 3.43 -0.01	42.53 3.47 0.00	44.19 3.27 0.00	44.70 3.16 0.00	47.36 3.14 0.00	50.32 3.51 0.00	53.38 3.21 0.00	59.62 3.48 0.00	59.61 3.48 0.00	55.56 2.89 0.00	48.59 2.58 0.00	41.95 2.00 0.00	38.90 2.41 0.00
FPL_FAR_ROCK_GT2 23815	46.33 4.17 -0.01	41.55 3.81 -0.01	37.64 3.27 -0.01	33.79 2.93 -0.01	34.05 2.92 -0.01	35.81 3.11 -0.01	41.11 3.57 -0.01	44.50 3.71 0.00	46.01 3.52 0.00	44.23 3.76 -0.01	42.00 3.43 0.00	42.00 3.43 -0.01	42.53 3.47 0.00	44.19 3.27 0.00	44.70 3.16 0.00	47.36 3.14 0.00	50.32 3.51 0.00	53.38 3.21 0.00	59.62 3.48 0.00	59.61 3.48 0.00	55.56 2.89 0.00	48.59 2.58 0.00	41.95 2.00 0.00	38.90 2.41 0.00
FRANKLIN_FALL_HYD 24054	42.74 0.59 0.00	38.30 0.57 0.00	34.84 0.48 0.00	31.19 0.34 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.17 0.64 0.00	41.77 0.98 0.00	43.33 0.85 0.00	41.39 0.93 0.00	39.46 0.89 0.00	39.29 0.73 0.00	39.64 0.59 0.00	41.53 0.61 0.00	42.25 0.71 0.00	45.01 0.80 0.00	47.33 0.51 0.00	51.07 0.90 0.00	57.26 1.12 0.00	57.47 1.35 0.00	53.82 1.16 0.00	47.21 1.20 0.00	41.03 1.08 0.00	37.33 0.84 0.00

FREEPORT_EQUS_GT1 23764	46.04 3.88 -0.01	41.36 3.62 -0.01	37.46 3.09 -0.01	33.61 2.74 -0.01	33.87 2.74 -0.01	35.65 2.94 -0.01	40.92 3.38 -0.01	44.26 3.47 0.00	45.71 3.23 0.00	43.98 3.52 -0.01	41.69 3.12 0.00	41.69 3.12 -0.01	42.22 3.16 0.00	43.86 2.95 0.00	44.37 2.83 0.00	47.05 2.83 0.00	49.95 3.14 0.00	52.92 2.76 0.00	59.06 2.92 0.00	58.99 2.86 0.00	55.03 2.37 0.00	48.13 2.12 0.00	41.59 1.64 0.00	38.57 2.08 0.00
FREEPORT___CT2 23818	46.04 3.88 -0.01	41.36 3.62 -0.01	37.46 3.09 -0.01	33.61 2.74 -0.01	33.87 2.74 -0.01	35.65 2.94 -0.01	40.92 3.38 -0.01	44.26 3.47 0.00	45.71 3.23 0.00	43.98 3.52 -0.01	41.69 3.12 0.00	41.69 3.12 -0.01	42.22 3.16 0.00	43.86 2.95 0.00	44.37 2.83 0.00	47.05 2.83 0.00	49.95 3.14 0.00	52.92 2.76 0.00	59.06 2.92 0.00	58.99 2.86 0.00	55.03 2.37 0.00	48.13 2.12 0.00	41.59 1.64 0.00	38.57 2.08 0.00
FRESHKLS_33_KV_LOAD 356253	45.69 3.54 0.00	40.94 3.21 0.00	37.04 2.68 0.00	33.20 2.34 0.00	33.43 2.30 0.00	35.08 2.39 0.00	40.28 2.74 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.91 2.85 0.00	43.90 2.99 0.00	44.49 2.95 0.00	47.49 3.27 0.00	49.90 3.09 0.00	52.21 2.06 0.01	58.33 2.19 0.00	58.20 2.08 0.00	54.61 1.95 0.00	48.04 2.02 0.00	42.03 2.08 0.00	38.31 1.82 0.00
FULTON COGEN____ 23766	41.48 -0.67 0.00	37.13 -0.60 0.00	33.85 -0.52 0.00	30.36 -0.49 0.00	30.59 -0.53 0.00	32.17 -0.52 0.00	36.90 -0.64 0.00	40.06 -0.73 0.00	41.55 -0.93 0.00	39.53 -0.93 0.00	37.76 -0.81 0.00	37.79 -0.77 0.00	38.31 -0.74 0.00	40.22 -0.70 0.00	40.92 -0.62 0.00	43.55 -0.66 0.00	46.11 -0.70 0.00	49.51 -0.65 0.00	55.41 -0.73 0.00	55.40 -0.73 0.00	52.24 -0.42 0.00	45.51 -0.51 0.00	39.51 -0.44 0.00	36.12 -0.36 0.00
FULTON___LFGE 323630	44.43 2.27 0.00	39.73 2.00 0.00	36.22 1.85 0.00	32.42 1.57 0.00	32.77 1.65 0.00	34.53 1.83 0.00	39.56 2.03 0.00	42.67 1.88 0.00	44.10 1.61 0.00	41.67 1.21 0.00	39.61 1.04 0.00	39.49 0.92 0.00	39.96 0.90 0.00	41.86 0.94 0.00	42.33 0.79 0.00	45.10 0.88 0.00	47.70 0.89 0.00	51.42 1.25 0.00	58.27 2.13 0.00	58.87 2.75 0.00	55.82 3.16 0.00	48.68 2.67 0.00	42.03 2.08 0.00	38.28 1.79 0.00
G.F.CEMENT___DRP 24184	44.34 2.19 0.00	39.73 2.00 0.00	36.25 1.89 0.00	32.46 1.60 0.00	32.80 1.68 0.00	34.53 1.83 0.00	39.56 2.03 0.00	42.87 2.08 0.00	44.57 2.08 0.00	42.20 1.74 0.00	39.92 1.35 0.00	39.80 1.23 0.00	40.19 1.13 0.00	42.02 1.10 0.00	42.62 1.08 0.00	45.37 1.15 0.00	48.12 1.31 0.00	51.82 1.66 0.00	58.39 2.25 0.00	58.48 2.36 0.00	55.56 2.90 0.00	48.41 2.39 0.00	41.87 1.92 0.00	38.24 1.75 0.00
GARDENVILLE___LBMP 24039	41.73 -0.42 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.70 -0.15 0.00	30.87 -0.25 0.00	32.66 -0.03 0.00	36.79 -0.75 0.00	39.20 -1.59 0.00	39.85 -2.63 0.00	38.15 -2.31 0.00	37.03 -1.54 0.00	38.10 -0.46 0.00	38.98 -0.08 0.00	41.16 0.25 0.00	42.29 0.75 0.00	44.97 0.75 0.00	47.05 0.23 0.00	50.41 0.25 0.00	55.75 -0.39 0.00	55.62 -0.51 0.00	52.77 0.11 0.00	45.37 -0.64 0.00	40.63 0.68 0.00	38.20 1.71 0.00
GARDNVLA_35_KV_LD 355827	41.90 -0.25 0.00	37.43 -0.30 0.00	34.57 0.21 0.00	30.79 -0.06 0.00	30.97 -0.16 0.00	32.80 0.10 0.00	36.94 -0.60 0.00	39.40 -1.39 0.00	40.06 -2.42 0.00	38.31 -2.14 0.00	37.22 -1.35 0.00	38.33 -0.23 0.00	39.21 0.16 0.00	41.41 0.49 0.00	42.58 1.04 0.00	45.23 1.02 0.00	47.37 0.56 0.00	50.71 0.55 0.00	56.09 -0.06 0.00	55.96 -0.17 0.00	53.03 0.37 0.00	45.60 -0.41 0.00	40.87 0.92 0.00	38.39 1.90 0.00
GELCKHM___115KV_LOAD 80723	41.65 -0.51 0.00	37.28 -0.45 0.00	33.98 -0.38 0.00	30.51 -0.34 0.00	30.75 -0.37 0.00	32.31 -0.39 0.00	37.05 -0.49 0.00	40.22 -0.57 0.00	41.72 -0.76 0.00	39.73 -0.73 0.00	37.91 -0.66 0.00	37.98 -0.58 0.00	38.51 -0.55 0.00	40.43 -0.49 0.00	41.13 -0.42 0.00	43.82 -0.40 0.00	46.34 -0.47 0.00	49.76 -0.40 0.00	55.64 -0.51 0.00	55.62 -0.51 0.00	52.45 -0.21 0.00	45.69 -0.32 0.00	39.67 -0.28 0.00	36.27 -0.22 0.00
GENERAL___MILLS 23808	41.82 -0.34 0.00	37.35 -0.38 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.90 -0.22 0.00	32.73 0.03 0.00	36.86 -0.68 0.00	39.32 -1.47 0.00	39.98 -2.51 0.00	38.23 -2.23 0.00	37.14 -1.43 0.00	38.21 -0.35 0.00	39.10 0.04 0.00	41.29 0.37 0.00	42.45 0.91 0.00	45.10 0.88 0.00	47.19 0.37 0.00	50.51 0.35 0.00	55.92 -0.22 0.00	55.79 -0.34 0.00	52.87 0.21 0.00	45.51 -0.51 0.00	40.75 0.80 0.00	38.31 1.82 0.00
GE_PLASTICS___DRP 24183	43.00 0.84 0.00	38.52 0.79 0.00	35.08 0.72 0.00	31.59 0.74 0.00	31.90 0.78 0.00	33.48 0.78 0.00	38.29 0.75 0.00	41.57 0.78 0.00	43.25 0.76 0.00	41.14 0.69 0.00	39.15 0.58 0.00	39.06 0.50 0.00	39.56 0.51 0.00	41.33 0.41 0.00	41.91 0.37 0.00	44.57 0.35 0.00	47.28 0.47 0.00	50.56 0.40 0.00	56.65 0.51 0.00	56.57 0.45 0.00	53.24 0.58 0.00	46.56 0.55 0.00	40.43 0.48 0.00	36.85 0.36 0.00
GILBOA___1 23756	43.33 1.18 0.00	38.86 1.13 0.00	35.32 0.96 0.00	31.93 1.08 0.00	32.21 1.09 0.00	33.68 0.98 0.00	38.59 1.05 0.00	41.89 1.10 0.00	43.59 1.10 0.00	41.47 1.01 0.00	39.49 0.92 0.00	39.41 0.85 0.00	39.91 0.86 0.00	41.73 0.82 0.00	42.29 0.75 0.00	45.06 0.84 0.00	47.75 0.94 0.00	50.96 0.80 0.00	57.04 0.90 0.00	56.91 0.79 0.00	53.56 0.89 0.00	46.84 0.83 0.00	40.63 0.68 0.00	37.11 0.62 0.00
GILBOA___2 23757	43.33 1.18 0.00	38.86 1.13 0.00	35.32 0.96 0.00	31.93 1.08 0.00	32.21 1.09 0.00	33.68 0.98 0.00	38.59 1.05 0.00	41.89 1.10 0.00	43.59 1.10 0.00	41.47 1.01 0.00	39.49 0.92 0.00	39.41 0.85 0.00	39.91 0.86 0.00	41.73 0.82 0.00	42.29 0.75 0.00	45.06 0.84 0.00	47.75 0.94 0.00	50.96 0.80 0.00	57.04 0.90 0.00	56.91 0.79 0.00	53.56 0.89 0.00	46.84 0.83 0.00	40.63 0.68 0.00	37.11 0.62 0.00
GILBOA___3 23758	43.33 1.18 0.00	38.86 1.13 0.00	35.32 0.96 0.00	31.93 1.08 0.00	32.21 1.09 0.00	33.68 0.98 0.00	38.59 1.05 0.00	41.89 1.10 0.00	43.59 1.10 0.00	41.47 1.01 0.00	39.49 0.92 0.00	39.41 0.85 0.00	39.91 0.86 0.00	41.73 0.82 0.00	42.29 0.75 0.00	45.06 0.84 0.00	47.75 0.94 0.00	50.96 0.80 0.00	57.04 0.90 0.00	56.91 0.79 0.00	53.56 0.89 0.00	46.84 0.83 0.00	40.63 0.68 0.00	37.11 0.62 0.00
GILBOA___4 23759	43.33 1.18 0.00	38.86 1.13 0.00	35.32 0.96 0.00	31.93 1.08 0.00	32.21 1.09 0.00	33.68 0.98 0.00	38.59 1.05 0.00	41.89 1.10 0.00	43.59 1.10 0.00	41.47 1.01 0.00	39.49 0.92 0.00	39.41 0.85 0.00	39.91 0.86 0.00	41.73 0.82 0.00	42.29 0.75 0.00	45.06 0.84 0.00	47.75 0.94 0.00	50.96 0.80 0.00	57.04 0.90 0.00	56.91 0.79 0.00	53.56 0.89 0.00	46.84 0.83 0.00	40.63 0.68 0.00	37.11 0.62 0.00

GILBOA____ 23599	43.33 1.18 0.00	38.86 1.13 0.00	35.32 0.96 0.00	31.78 0.93 0.00	32.21 1.09 0.00	33.68 0.98 0.00	38.59 1.05 0.00	41.89 1.10 0.00	43.59 1.10 0.00	41.51 1.05 0.00	39.50 0.93 0.00	39.45 0.89 0.00	39.96 0.90 0.00	41.74 0.82 0.00	42.33 0.79 0.00	45.06 0.84 0.00	47.75 0.94 0.00	50.96 0.80 0.00	57.04 0.90 0.00	56.97 0.84 0.00	53.56 0.90 0.00	46.89 0.87 0.00	40.67 0.72 0.00	37.11 0.62 0.00
GINNA____ 23603	40.34 -1.81 0.00	36.03 -1.70 0.00	32.99 -1.38 0.00	29.40 -1.45 0.00	29.72 -1.40 0.00	31.36 -1.34 0.00	35.81 -1.73 0.00	38.71 -2.08 0.00	39.98 -2.51 0.00	38.11 -2.35 0.00	36.49 -2.08 0.00	36.90 -1.66 0.00	37.53 -1.52 0.00	39.45 -1.47 0.00	40.38 -1.16 0.00	42.89 -1.33 0.00	45.31 -1.50 0.00	48.81 -1.35 0.00	54.40 -1.74 0.00	54.55 -1.57 0.00	51.35 -1.31 0.00	44.72 -1.29 0.00	39.11 -0.84 0.00	35.68 -0.80 0.00
GLEN PARK____ 23778	43.80 1.64 0.00	39.24 1.51 0.00	35.77 1.41 0.00	32.02 1.17 0.00	32.40 1.28 0.00	34.04 1.34 0.00	39.11 1.58 0.00	42.46 1.67 0.00	43.72 1.23 0.00	41.35 0.89 0.00	39.46 0.89 0.00	39.26 0.69 0.00	39.64 0.59 0.00	41.49 0.57 0.00	41.96 0.42 0.00	44.53 0.31 0.00	47.09 0.28 0.00	51.11 0.95 0.00	57.94 1.80 0.00	58.54 2.41 0.00	55.61 2.95 0.00	48.82 2.81 0.00	42.11 2.16 0.00	38.24 1.75 0.00
GLENDALE_27_KV_LOAD 356172	45.61 3.46 0.00	40.90 3.17 0.00	37.01 2.65 0.00	33.20 2.34 0.00	33.46 2.33 0.00	35.15 2.45 0.00	40.39 2.85 0.00	43.81 3.02 0.00	45.75 3.27 0.00	43.65 3.20 0.00	41.50 2.93 0.00	41.45 2.89 0.00	42.03 2.97 0.00	43.99 3.07 0.00	44.53 2.99 0.00	47.53 3.32 0.00	50.14 3.32 0.00	52.67 2.51 0.00	58.84 2.69 0.00	58.59 2.47 0.00	54.98 2.32 0.00	48.31 2.30 0.00	42.03 2.08 0.00	38.31 1.82 0.00
GLENWOOD_IC_1_G5 23712	45.61 3.46 0.00	40.90 3.17 0.00	37.08 2.71 0.00	33.26 2.41 0.00	33.52 2.40 0.00	35.28 2.58 0.00	40.50 2.97 0.00	43.89 3.10 0.00	45.67 3.19 0.00	43.73 3.28 0.00	41.62 3.05 0.00	41.57 3.01 0.00	42.10 3.05 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.14 2.92 0.00	49.99 3.18 0.00	53.02 2.86 0.00	58.78 2.64 0.00	58.71 2.58 0.00	54.87 2.21 0.00	48.45 2.44 0.00	41.99 2.04 0.00	38.35 1.86 0.00
GLENWOOD_IC_2_G1 23688	45.32 3.16 -0.01	40.64 2.91 -0.01	36.81 2.44 -0.01	33.05 2.19 -0.01	33.31 2.18 -0.01	35.06 2.36 -0.01	40.25 2.70 -0.01	43.65 2.85 0.00	45.33 2.85 0.00	43.38 2.91 -0.01	41.31 2.74 0.00	41.23 2.66 -0.01	41.79 2.73 0.00	43.57 2.66 0.00	44.08 2.53 0.00	46.87 2.65 0.00	49.67 2.86 0.00	52.62 2.46 0.00	58.78 2.64 0.00	58.59 2.47 0.00	54.92 2.26 0.00	48.08 2.07 0.00	41.55 1.60 0.00	38.17 1.68 0.00
GLENWOOD_IC_3_G1 23689	45.32 3.16 -0.01	40.64 2.91 -0.01	36.81 2.44 -0.01	33.05 2.19 -0.01	33.31 2.18 -0.01	35.06 2.36 -0.01	40.25 2.70 -0.01	43.65 2.85 0.00	45.33 2.85 0.00	43.38 2.91 -0.01	41.31 2.74 0.00	41.23 2.66 -0.01	41.79 2.73 0.00	43.57 2.66 0.00	44.08 2.53 0.00	46.87 2.65 0.00	49.67 2.86 0.00	52.62 2.46 0.00	58.78 2.64 0.00	58.59 2.47 0.00	54.92 2.26 0.00	48.08 2.07 0.00	41.55 1.60 0.00	38.17 1.68 0.00
GLENWOOD____4 23550	45.61 3.46 0.00	40.90 3.17 0.00	37.08 2.71 0.00	33.26 2.41 0.00	33.52 2.40 0.00	35.28 2.58 0.00	40.50 2.97 0.00	43.89 3.10 0.00	45.67 3.19 0.00	43.73 3.28 0.00	41.62 3.05 0.00	41.57 3.01 0.00	42.10 3.05 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.14 2.92 0.00	49.99 3.18 0.00	53.02 2.86 0.00	58.95 2.81 0.00	58.88 2.75 0.00	55.03 2.37 0.00	48.45 2.44 0.00	41.99 2.04 0.00	38.35 1.86 0.00
GLENWOOD____5 23614	45.61 3.46 0.00	40.90 3.17 0.00	37.08 2.71 0.00	33.26 2.41 0.00	33.52 2.40 0.00	35.28 2.58 0.00	40.50 2.97 0.00	43.89 3.10 0.00	45.67 3.19 0.00	43.73 3.28 0.00	41.62 3.05 0.00	41.57 3.01 0.00	42.10 3.05 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.14 2.92 0.00	49.99 3.18 0.00	53.02 2.86 0.00	58.95 2.81 0.00	58.88 2.75 0.00	55.03 2.37 0.00	48.45 2.44 0.00	41.99 2.04 0.00	38.35 1.86 0.00
GLOBAL GREEN_PORT_GT1 23814	47.34 5.18 -0.01	42.49 4.75 -0.01	38.46 4.09 -0.01	34.41 3.55 -0.01	34.55 3.42 -0.01	36.33 3.63 -0.01	41.41 3.87 -0.01	45.07 4.28 0.00	46.56 4.08 0.00	44.88 4.41 -0.01	42.58 4.01 0.00	42.62 4.05 -0.01	43.08 4.02 0.00	44.68 3.76 0.00	45.24 3.70 0.00	47.80 3.58 0.00	51.03 4.21 0.00	54.18 4.01 0.00	60.41 4.26 0.00	60.51 4.38 0.00	55.50 2.84 0.00	48.45 2.44 0.00	41.15 1.20 0.00	38.53 2.04 0.00
GLOBE____DSASP 323697	40.47 -1.69 0.00	36.26 -1.47 0.00	33.54 -0.82 0.00	29.87 -0.99 0.00	30.00 -1.12 0.00	32.44 -0.26 0.00	35.66 -1.88 0.00	38.02 -2.77 0.00	38.57 -3.91 0.00	36.94 -3.52 0.00	35.87 -2.70 0.00	37.02 -1.54 0.00	37.85 -1.21 0.00	39.93 -0.98 0.00	41.17 -0.37 0.00	43.69 -0.53 0.00	45.59 -1.22 0.00	48.86 -1.30 0.00	53.84 -2.30 0.00	53.66 -2.47 0.00	50.87 -1.79 0.00	43.80 -2.21 0.00	39.39 -0.56 0.00	37.11 0.62 0.00
GOETHSLN____LBMP 323567	45.02 2.87 0.00	40.33 2.60 0.00	36.49 2.13 0.00	32.77 1.91 0.00	32.99 1.87 0.00	34.72 2.03 0.00	39.94 2.40 0.00	43.40 2.61 0.00	45.29 2.80 0.00	43.25 2.79 0.00	41.15 2.58 0.00	41.07 2.51 0.00	41.63 2.58 0.00	43.49 2.58 0.00	44.03 2.49 0.00	46.87 2.65 0.00	49.62 2.81 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.72 2.05 0.00	48.08 2.07 0.00	41.71 1.76 0.00	37.91 1.42 0.00
GOLAH____69_KV_TB 1_2 80279	42.49 0.34 0.00	37.92 0.19 0.00	34.81 0.45 0.00	31.04 0.19 0.00	31.28 0.16 0.00	33.02 0.33 0.00	37.50 -0.04 0.00	40.34 -0.45 0.00	41.34 -1.15 0.00	39.32 -1.13 0.00	37.88 -0.69 0.00	38.41 -0.15 0.00	39.10 0.04 0.00	41.20 0.29 0.00	42.21 0.66 0.00	44.92 0.71 0.00	47.37 0.56 0.00	50.96 0.80 0.00	56.76 0.62 0.00	56.80 0.67 0.00	53.71 1.05 0.00	46.43 0.41 0.00	40.83 0.88 0.00	37.76 1.28 0.00
GOODYEAR_LAKE_HYD 323669	43.46 1.31 0.00	38.90 1.17 0.00	35.43 1.07 0.00	31.75 0.89 0.00	32.02 0.90 0.00	33.71 1.01 0.00	38.70 1.16 0.00	41.93 1.14 0.00	43.42 0.93 0.00	41.27 0.81 0.00	39.46 0.89 0.00	39.45 0.89 0.00	39.96 0.90 0.00	41.98 1.06 0.00	42.54 1.00 0.00	45.28 1.06 0.00	47.93 1.12 0.00	51.32 1.15 0.00	57.66 1.52 0.00	57.75 1.63 0.00	54.50 1.84 0.00	47.58 1.56 0.00	41.23 1.28 0.00	37.66 1.17 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.49 0.34 0.00	38.03 0.30 0.00	34.74 0.38 0.00	31.10 0.25 0.00	31.34 0.22 0.00	33.02 0.33 0.00	37.76 0.23 0.00	40.87 0.08 0.00	42.19 -0.30 0.00	40.21 -0.24 0.00	38.49 -0.08 0.00	38.72 0.15 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.08 0.54 0.00	44.79 0.57 0.00	47.37 0.56 0.00	50.71 0.55 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.52 0.51 0.00	40.59 0.64 0.00	37.29 0.80 0.00

GOUDEY___7 23579	42.49 0.34 0.00	38.03 0.30 0.00	34.74 0.38 0.00	31.10 0.25 0.00	31.34 0.22 0.00	33.02 0.33 0.00	37.76 0.23 0.00	40.87 0.08 0.00	42.19 -0.30 0.00	40.21 -0.24 0.00	38.49 -0.08 0.00	38.72 0.15 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.08 0.54 0.00	44.79 0.57 0.00	47.37 0.56 0.00	50.71 0.55 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.52 0.51 0.00	40.59 0.64 0.00	37.29 0.80 0.00
GOUDEY___8 23580	42.49 0.34 0.00	38.03 0.30 0.00	34.74 0.38 0.00	31.10 0.25 0.00	31.34 0.22 0.00	33.02 0.33 0.00	37.76 0.23 0.00	40.87 0.08 0.00	42.19 -0.30 0.00	40.21 -0.24 0.00	38.49 -0.08 0.00	38.72 0.15 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.08 0.54 0.00	44.79 0.57 0.00	47.37 0.56 0.00	50.71 0.55 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.52 0.51 0.00	40.59 0.64 0.00	37.29 0.80 0.00
GOWANUS_GT1_1 24077	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT1_2 24078	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT1_3 24079	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT1_4 24080	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT1_5 24084	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT1_6 24111	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT1_7 24112	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT1_8 24113	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT2_1 24114	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT2_2 24115	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT2_3 24116	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT2_4 24117	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT2_5 24118	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00

GOWANUS_GT2_6 24119	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT2_7 24120	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT2_8 24121	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.37 2.20 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_1 24122	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_2 24123	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_3 24124	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_4 24125	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_5 24126	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_6 24127	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_7 24128	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT3_8 24129	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
GOWANUS_GT4_1 24130	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT4_2 24131	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT4_3 24132	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT4_4 24133	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00

GOWANUS_GT4_5 24134	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT4_6 24135	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT4_7 24136	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GOWANUS_GT4_8 24137	45.57 3.41 0.00	40.82 3.09 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	34.99 2.29 0.00	40.20 2.67 0.00	43.57 2.77 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.41 2.87 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GREATVRV_69_KV_BK1 356245	47.17 5.02 0.00	42.33 4.60 0.00	38.35 3.99 0.00	34.37 3.52 0.00	34.61 3.49 0.00	36.46 3.76 0.00	41.82 4.28 0.00	45.16 4.36 0.00	46.65 4.16 0.00	45.03 4.57 0.00	42.62 4.05 0.00	42.61 4.05 0.00	43.12 4.06 0.00	44.76 3.85 0.00	45.40 3.86 0.00	47.84 3.63 0.00	50.98 4.17 0.00	54.07 3.91 0.00	60.35 4.21 0.00	60.45 4.32 0.00	56.14 3.48 0.00	49.23 3.22 0.00	42.47 2.52 0.00	39.01 2.52 0.00
GREENBSH_115KV_TB3 55895	42.79 0.63 0.00	38.37 0.64 0.00	34.98 0.62 0.00	31.53 0.68 0.00	31.84 0.72 0.00	33.42 0.72 0.00	38.17 0.64 0.00	41.48 0.69 0.00	43.12 0.64 0.00	41.02 0.57 0.00	39.03 0.46 0.00	38.91 0.35 0.00	39.45 0.39 0.00	41.20 0.29 0.00	41.71 0.17 0.00	44.35 0.13 0.00	47.05 0.23 0.00	50.36 0.20 0.00	56.42 0.28 0.00	56.35 0.22 0.00	53.03 0.37 0.00	46.43 0.41 0.00	40.27 0.32 0.00	36.71 0.22 0.00
GREENDGE_115KV_TB5 80291	42.62 0.46 0.00	38.15 0.42 0.00	34.88 0.52 0.00	31.13 0.28 0.00	31.40 0.28 0.00	33.12 0.43 0.00	37.91 0.38 0.00	40.95 0.16 0.00	42.02 -0.47 0.00	39.97 -0.49 0.00	38.30 -0.27 0.00	38.60 0.04 0.00	39.21 0.16 0.00	41.37 0.45 0.00	42.21 0.66 0.00	45.01 0.80 0.00	47.47 0.66 0.00	50.71 0.55 0.00	56.76 0.62 0.00	56.91 0.79 0.00	53.87 1.21 0.00	47.02 1.01 0.00	41.07 1.12 0.00	37.80 1.31 0.00
GREENIDGE___3 23582	42.62 0.46 0.00	38.15 0.42 0.00	34.88 0.52 0.00	31.13 0.28 0.00	31.40 0.28 0.00	33.12 0.43 0.00	37.91 0.38 0.00	40.95 0.16 0.00	42.02 -0.47 0.00	39.97 -0.49 0.00	38.30 -0.27 0.00	38.60 0.04 0.00	39.21 0.16 0.00	41.37 0.45 0.00	42.21 0.66 0.00	45.01 0.80 0.00	47.47 0.66 0.00	50.71 0.55 0.00	56.76 0.62 0.00	56.91 0.79 0.00	53.87 1.21 0.00	47.02 1.01 0.00	41.07 1.12 0.00	37.80 1.31 0.00
GREENIDGE___4 23583	42.62 0.46 0.00	38.18 0.45 0.00	34.88 0.52 0.00	31.04 0.19 0.00	31.43 0.31 0.00	33.15 0.46 0.00	37.91 0.38 0.00	40.96 0.16 0.00	42.10 -0.38 0.00	40.01 -0.44 0.00	38.30 -0.27 0.00	38.64 0.08 0.00	39.25 0.20 0.00	41.37 0.45 0.00	42.33 0.79 0.00	45.01 0.80 0.00	47.47 0.66 0.00	50.72 0.55 0.00	56.76 0.62 0.00	57.08 0.95 0.00	53.87 1.21 0.00	47.21 1.19 0.00	41.31 1.36 0.00	37.80 1.31 0.00
GREENLWN_69_KV_BK 3 55738	45.53 3.37 0.00	41.05 3.32 0.00	37.21 2.85 0.00	33.38 2.53 0.00	33.61 2.49 0.00	35.38 2.68 0.00	40.61 3.08 0.00	43.89 3.10 0.00	45.41 2.93 0.00	43.90 3.44 0.00	41.42 2.85 0.00	41.38 2.82 0.00	41.87 2.81 0.00	43.29 2.37 0.00	43.91 2.37 0.00	46.38 2.17 0.00	49.29 2.48 0.00	52.27 2.11 0.00	58.33 2.19 0.00	58.31 2.19 0.00	54.29 1.63 0.00	47.62 1.61 0.00	41.51 1.56 0.00	38.17 1.68 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00
GRISSOM___SOLAR 323813	44.39 2.23 0.00	39.69 1.96 0.00	36.18 1.82 0.00	32.39 1.54 0.00	32.74 1.62 0.00	34.49 1.80 0.00	39.52 1.99 0.00	42.67 1.88 0.00	44.14 1.66 0.00	41.75 1.29 0.00	39.69 1.12 0.00	39.56 1.00 0.00	40.03 0.98 0.00	41.94 1.02 0.00	42.41 0.87 0.00	45.23 1.02 0.00	47.84 1.03 0.00	51.52 1.35 0.00	58.33 2.19 0.00	58.76 2.64 0.00	55.66 3.00 0.00	48.54 2.53 0.00	41.95 2.00 0.00	38.24 1.75 0.00
GROVEVILLE___HYD 323602	44.85 2.70 0.00	40.22 2.49 0.00	36.46 2.10 0.00	32.73 1.88 0.00	32.99 1.87 0.00	34.69 1.99 0.00	39.79 2.25 0.00	43.12 2.33 0.00	45.03 2.55 0.00	42.88 2.43 0.00	40.77 2.20 0.00	40.68 2.12 0.00	41.20 2.15 0.00	43.09 2.17 0.00	43.66 2.12 0.00	46.52 2.30 0.00	49.34 2.53 0.00	52.57 2.41 0.00	58.84 2.69 0.00	58.71 2.58 0.00	55.19 2.53 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.13 1.64 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.94 -0.21 0.00	37.54 -0.19 0.00	34.22 -0.14 0.00	30.70 -0.15 0.00	30.94 -0.19 0.00	32.53 -0.16 0.00	37.31 -0.23 0.00	40.51 -0.29 0.00	41.97 -0.51 0.00	39.97 -0.49 0.00	38.18 -0.39 0.00	38.21 -0.35 0.00	38.74 -0.31 0.00	40.71 -0.20 0.00	41.42 -0.12 0.00	44.08 -0.13 0.00	46.67 -0.14 0.00	50.06 -0.10 0.00	56.03 -0.11 0.00	56.07 -0.06 0.00	52.82 0.16 0.00	46.01 0.00 0.00	39.95 0.00 0.00	36.52 0.04 0.00
HAMLTNNY_34_KV_TB 80303	42.11 -0.04 0.00	37.69 -0.04 0.00	34.40 0.03 0.00	30.79 -0.06 0.00	31.06 -0.06 0.00	32.66 -0.03 0.00	37.46 -0.08 0.00	40.63 -0.16 0.00	42.06 -0.42 0.00	40.01 -0.45 0.00	38.26 -0.31 0.00	38.37 -0.19 0.00	38.90 -0.16 0.00	40.88 -0.04 0.00	41.62 0.08 0.00	44.35 0.13 0.00	46.91 0.09 0.00	50.36 0.20 0.00	56.37 0.22 0.00	56.35 0.22 0.00	53.19 0.53 0.00	46.29 0.28 0.00	40.23 0.28 0.00	36.82 0.33 0.00

HAMPSHIRE___PAPER_HYD 323593	42.79 0.63 0.00	38.37 0.64 0.00	34.95 0.58 0.00	31.32 0.46 0.00	31.62 0.50 0.00	33.25 0.56 0.00	38.29 0.75 0.00	41.73 0.94 0.00	43.20 0.72 0.00	41.06 0.61 0.00	39.18 0.62 0.00	39.03 0.46 0.00	39.41 0.35 0.00	41.16 0.25 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.53 -0.28 0.00	50.41 0.25 0.00	56.82 0.68 0.00	57.08 0.95 0.00	53.77 1.11 0.00	47.35 1.34 0.00	41.11 1.16 0.00	37.36 0.87 0.00
HARDSCRABBLE_WT_PWR 323673	43.04 0.89 0.00	38.48 0.75 0.00	35.05 0.69 0.00	31.47 0.62 0.00	31.74 0.62 0.00	33.39 0.69 0.00	38.33 0.79 0.00	41.65 0.86 0.00	43.33 0.85 0.00	41.27 0.81 0.00	39.38 0.81 0.00	39.41 0.85 0.00	39.91 0.86 0.00	41.82 0.90 0.00	42.41 0.87 0.00	45.15 0.93 0.00	47.75 0.94 0.00	51.17 1.00 0.00	57.26 1.12 0.00	57.25 1.12 0.00	53.82 1.16 0.00	47.07 1.06 0.00	40.83 0.88 0.00	37.33 0.84 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	44.60 2.44 0.00	39.99 2.26 0.00	36.29 1.92 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.53 1.83 0.00	39.60 2.06 0.00	42.91 2.12 0.00	44.82 2.34 0.00	42.72 2.27 0.00	40.65 2.08 0.00	40.61 2.04 0.00	41.17 2.11 0.00	43.00 2.09 0.00	43.62 2.08 0.00	46.43 2.21 0.00	49.25 2.43 0.00	52.37 2.21 0.00	58.61 2.47 0.00	58.48 2.36 0.00	54.93 2.26 0.00	48.04 2.02 0.00	41.67 1.72 0.00	37.98 1.50 0.00
HARSNRAD_115KV_TB1 81005	41.73 -0.42 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.70 -0.15 0.00	30.84 -0.28 0.00	32.47 -0.23 0.00	36.60 -0.94 0.00	38.83 -1.96 0.00	39.42 -3.06 0.00	37.71 -2.75 0.00	36.60 -1.97 0.00	37.75 -0.81 0.00	38.59 -0.47 0.00	40.75 -0.16 0.00	41.96 0.42 0.00	44.57 0.35 0.00	46.58 -0.23 0.00	49.91 -0.25 0.00	55.13 -1.01 0.00	55.00 -1.12 0.00	52.13 -0.53 0.00	44.91 -1.10 0.00	40.27 0.32 0.00	38.13 1.64 0.00
HARZA MOOSE___RIVER 24016	43.08 0.93 0.00	38.71 0.98 0.00	35.29 0.93 0.00	31.65 0.80 0.00	31.93 0.81 0.00	33.58 0.88 0.00	38.59 1.05 0.00	41.93 1.14 0.00	43.50 1.02 0.00	41.27 0.81 0.00	39.38 0.81 0.00	39.26 0.69 0.00	39.68 0.62 0.00	41.41 0.49 0.00	41.96 0.42 0.00	44.48 0.27 0.00	47.09 0.28 0.00	50.96 0.80 0.00	57.38 1.24 0.00	57.58 1.46 0.00	54.40 1.74 0.00	47.67 1.66 0.00	41.23 1.28 0.00	37.58 1.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.60 -0.55 0.00	37.24 -0.49 0.00	33.95 -0.41 0.00	30.51 -0.34 0.00	30.75 -0.37 0.00	32.27 -0.43 0.00	37.01 -0.53 0.00	40.18 -0.61 0.00	41.68 -0.81 0.00	39.65 -0.81 0.00	37.91 -0.66 0.00	37.94 -0.62 0.00	38.47 -0.59 0.00	40.43 -0.49 0.00	41.13 -0.42 0.00	43.77 -0.44 0.00	46.30 -0.51 0.00	49.71 -0.45 0.00	55.58 -0.56 0.00	55.62 -0.51 0.00	52.40 -0.26 0.00	45.64 -0.37 0.00	39.63 -0.32 0.00	36.27 -0.22 0.00
HELLGATE_13_KV_LD 55870	45.65 3.50 0.00	40.90 3.17 0.00	37.04 2.68 0.00	33.23 2.38 0.00	33.49 2.37 0.00	35.15 2.45 0.00	40.39 2.85 0.00	43.77 2.98 0.00	45.75 3.27 0.00	43.61 3.16 0.00	41.46 2.89 0.00	41.42 2.85 0.00	41.99 2.93 0.00	43.94 3.03 0.00	44.49 2.95 0.00	47.49 3.27 0.00	50.09 3.28 0.00	52.62 2.46 0.00	58.72 2.58 0.00	58.54 2.41 0.00	54.93 2.26 0.00	48.27 2.25 0.00	42.03 2.08 0.00	38.28 1.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.65 3.50 0.00	40.90 3.17 0.00	37.04 2.68 0.00	33.23 2.38 0.00	33.49 2.37 0.00	35.15 2.45 0.00	40.39 2.85 0.00	43.77 2.98 0.00	45.75 3.27 0.00	43.61 3.16 0.00	41.46 2.89 0.00	41.42 2.85 0.00	41.99 2.93 0.00	43.94 3.03 0.00	44.49 2.95 0.00	47.49 3.27 0.00	50.09 3.28 0.00	52.62 2.46 0.00	58.72 2.58 0.00	58.54 2.41 0.00	54.93 2.26 0.00	48.27 2.25 0.00	42.03 2.08 0.00	38.28 1.79 0.00
HEMPSTEAD____ 23647	45.62 3.46 -0.01	40.94 3.21 -0.01	37.12 2.75 -0.01	33.30 2.44 -0.01	33.56 2.43 -0.01	35.32 2.62 -0.01	40.55 3.00 -0.01	43.89 3.10 0.00	45.41 2.93 0.00	43.62 3.16 -0.01	41.42 2.85 0.00	41.38 2.81 -0.01	41.91 2.85 0.00	43.57 2.66 0.00	44.08 2.53 0.00	46.78 2.56 0.00	49.62 2.81 0.00	52.52 2.36 0.00	58.55 2.41 0.00	58.48 2.36 0.00	54.61 1.95 0.00	47.85 1.84 0.00	41.35 1.40 0.00	38.24 1.75 0.00
HICKLING___1 23621	43.29 1.14 0.00	38.79 1.06 0.00	35.50 1.13 0.00	31.65 0.80 0.00	31.90 0.78 0.00	33.68 0.98 0.00	38.51 0.98 0.00	41.61 0.82 0.00	42.70 0.21 0.00	40.66 0.20 0.00	39.03 0.46 0.00	39.33 0.77 0.00	39.96 0.90 0.00	42.23 1.31 0.00	43.12 1.58 0.00	45.94 1.72 0.00	47.61 0.80 0.00	50.96 0.80 0.00	56.93 0.79 0.00	57.08 0.95 0.00	54.08 1.42 0.00	46.84 0.83 0.00	41.11 1.16 0.00	37.95 1.46 0.00
HICKLING___2 23622	43.29 1.14 0.00	38.79 1.06 0.00	35.50 1.13 0.00	31.65 0.80 0.00	31.90 0.78 0.00	33.68 0.98 0.00	38.51 0.98 0.00	41.61 0.82 0.00	42.70 0.21 0.00	40.66 0.20 0.00	39.03 0.46 0.00	39.33 0.77 0.00	39.96 0.90 0.00	42.23 1.31 0.00	43.12 1.58 0.00	45.94 1.72 0.00	47.61 0.80 0.00	50.96 0.80 0.00	56.93 0.79 0.00	57.08 0.95 0.00	54.08 1.42 0.00	46.84 0.83 0.00	41.11 1.16 0.00	37.95 1.46 0.00
HIGH FALLS___HY 23754	44.89 2.74 0.00	40.22 2.49 0.00	36.42 2.06 0.00	32.70 1.85 0.00	32.93 1.81 0.00	34.66 1.96 0.00	39.79 2.25 0.00	43.08 2.28 0.00	44.99 2.51 0.00	42.84 2.39 0.00	40.77 2.20 0.00	40.68 2.12 0.00	41.24 2.19 0.00	43.13 2.21 0.00	43.74 2.20 0.00	46.65 2.43 0.00	49.53 2.72 0.00	52.72 2.56 0.00	59.12 2.98 0.00	58.99 2.86 0.00	55.45 2.79 0.00	48.45 2.44 0.00	41.99 2.04 0.00	38.24 1.75 0.00
HIGH_RIVER___SOLAR 323847	43.75 1.60 0.00	39.16 1.43 0.00	35.67 1.31 0.00	32.02 1.17 0.00	32.33 1.21 0.00	34.01 1.31 0.00	38.93 1.39 0.00	42.06 1.27 0.00	43.46 0.98 0.00	41.14 0.69 0.00	39.07 0.50 0.00	38.99 0.42 0.00	39.45 0.39 0.00	41.33 0.41 0.00	41.79 0.25 0.00	44.48 0.27 0.00	47.09 0.28 0.00	50.72 0.55 0.00	57.38 1.23 0.00	57.75 1.63 0.00	54.61 1.95 0.00	47.67 1.65 0.00	41.27 1.32 0.00	37.66 1.17 0.00
HILLBURN___GT 23639	44.60 2.44 0.00	39.99 2.26 0.00	36.25 1.89 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.56 1.86 0.00	39.64 2.10 0.00	42.99 2.20 0.00	44.82 2.34 0.00	42.76 2.30 0.00	40.73 2.16 0.00	40.64 2.08 0.00	41.20 2.15 0.00	43.08 2.17 0.00	43.62 2.08 0.00	46.43 2.21 0.00	49.24 2.43 0.00	52.22 2.06 0.00	58.39 2.25 0.00	58.20 2.08 0.00	54.71 2.05 0.00	47.81 1.79 0.00	41.47 1.52 0.00	37.87 1.39 0.00
HILLSIDE_115KV_TB1 80332	42.15 0.00 0.00	37.73 0.00 0.00	34.53 0.17 0.00	30.85 0.00 0.00	31.12 0.00 0.00	32.83 0.13 0.00	37.46 -0.08 0.00	40.42 -0.37 0.00	41.51 -0.98 0.00	39.61 -0.85 0.00	37.99 -0.58 0.00	38.37 -0.19 0.00	39.02 -0.04 0.00	41.16 0.25 0.00	42.00 0.46 0.00	44.70 0.49 0.00	47.09 0.28 0.00	50.36 0.20 0.00	56.20 0.06 0.00	56.29 0.17 0.00	53.29 0.63 0.00	46.20 0.18 0.00	40.51 0.56 0.00	37.40 0.91 0.00

HISHELDN_WT_PWR 323625	41.73 -0.42 0.00	37.35 -0.38 0.00	34.36 0.00 0.00	30.39 -0.46 0.00	30.91 -0.22 0.00	32.70 0.00 0.00	36.86 -0.67 0.00	39.24 -1.55 0.00	40.02 -2.47 0.00	38.23 -2.23 0.00	36.83 -1.73 0.00	37.87 -0.69 0.00	38.70 -0.35 0.00	40.79 -0.12 0.00	42.12 0.58 0.00	44.53 0.31 0.00	46.72 -0.09 0.00	50.11 -0.05 0.00	55.58 -0.56 0.00	56.01 -0.11 0.00	52.93 0.26 0.00	46.01 0.00 0.00	41.11 1.16 0.00	38.09 1.60 0.00
HOLTSVILLE_IC_1 23690	46.46 4.30 -0.01	41.78 4.04 -0.01	37.81 3.44 -0.01	33.89 3.03 -0.01	34.15 3.02 -0.01	35.97 3.27 -0.01	41.26 3.72 -0.01	44.50 3.71 0.00	45.84 3.36 0.00	44.23 3.76 -0.01	41.85 3.28 0.00	41.89 3.32 -0.01	42.34 3.28 0.00	43.90 2.99 0.00	44.41 2.86 0.00	46.87 2.65 0.00	49.90 3.09 0.00	52.92 2.76 0.00	59.06 2.92 0.00	59.04 2.92 0.00	54.87 2.21 0.00	47.99 1.98 0.00	41.11 1.16 0.00	38.31 1.82 0.00
HOLTSVILLE_IC_10 23699	46.71 4.55 -0.01	41.96 4.22 -0.01	37.98 3.61 -0.01	34.04 3.18 -0.01	34.31 3.18 -0.01	36.14 3.43 -0.01	41.45 3.90 -0.01	44.71 3.92 0.00	46.05 3.57 0.00	44.43 3.97 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.57 3.52 0.00	44.15 3.23 0.00	44.66 3.12 0.00	47.13 2.92 0.00	50.18 3.37 0.00	53.22 3.06 0.00	59.40 3.25 0.00	59.38 3.25 0.00	55.19 2.53 0.00	48.27 2.25 0.00	41.27 1.32 0.00	38.49 2.01 0.00
HOLTSVILLE_IC_2 23691	46.46 4.30 -0.01	41.78 4.04 -0.01	37.81 3.44 -0.01	33.89 3.03 -0.01	34.15 3.02 -0.01	35.97 3.27 -0.01	41.26 3.72 -0.01	44.50 3.71 0.00	45.84 3.36 0.00	44.23 3.76 -0.01	41.85 3.28 0.00	41.89 3.32 -0.01	42.34 3.28 0.00	43.90 2.99 0.00	44.41 2.86 0.00	46.87 2.65 0.00	49.90 3.09 0.00	52.92 2.76 0.00	59.06 2.92 0.00	59.04 2.92 0.00	54.87 2.21 0.00	47.99 1.98 0.00	41.11 1.16 0.00	38.31 1.82 0.00
HOLTSVILLE_IC_3 23692	46.46 4.30 -0.01	41.78 4.04 -0.01	37.81 3.44 -0.01	33.89 3.03 -0.01	34.15 3.02 -0.01	35.97 3.27 -0.01	41.26 3.72 -0.01	44.50 3.71 0.00	45.84 3.36 0.00	44.23 3.76 -0.01	41.85 3.28 0.00	41.89 3.32 -0.01	42.34 3.28 0.00	43.90 2.99 0.00	44.41 2.86 0.00	46.87 2.65 0.00	49.90 3.09 0.00	52.92 2.76 0.00	59.06 2.92 0.00	59.04 2.92 0.00	54.87 2.21 0.00	47.99 1.98 0.00	41.11 1.16 0.00	38.31 1.82 0.00
HOLTSVILLE_IC_4 23693	46.46 4.30 -0.01	41.78 4.04 -0.01	37.81 3.44 -0.01	33.89 3.03 -0.01	34.15 3.02 -0.01	35.97 3.27 -0.01	41.26 3.72 -0.01	44.50 3.71 0.00	45.84 3.36 0.00	44.23 3.76 -0.01	41.85 3.28 0.00	41.89 3.32 -0.01	42.34 3.28 0.00	43.90 2.99 0.00	44.41 2.86 0.00	46.87 2.65 0.00	49.90 3.09 0.00	52.92 2.76 0.00	59.06 2.92 0.00	59.04 2.92 0.00	54.87 2.21 0.00	47.99 1.98 0.00	41.11 1.16 0.00	38.31 1.82 0.00
HOLTSVILLE_IC_5 23694	46.46 4.30 -0.01	41.78 4.04 -0.01	37.81 3.44 -0.01	33.89 3.03 -0.01	34.15 3.02 -0.01	35.97 3.27 -0.01	41.26 3.72 -0.01	44.50 3.71 0.00	45.84 3.36 0.00	44.23 3.76 -0.01	41.85 3.28 0.00	41.89 3.32 -0.01	42.34 3.28 0.00	43.90 2.99 0.00	44.41 2.86 0.00	46.87 2.65 0.00	49.90 3.09 0.00	52.92 2.76 0.00	59.06 2.92 0.00	59.04 2.92 0.00	54.87 2.21 0.00	47.99 1.98 0.00	41.11 1.16 0.00	38.31 1.82 0.00
HOLTSVILLE_IC_6 23695	46.71 4.55 -0.01	41.96 4.22 -0.01	37.98 3.61 -0.01	34.04 3.18 -0.01	34.31 3.18 -0.01	36.14 3.43 -0.01	41.45 3.90 -0.01	44.71 3.92 0.00	46.05 3.57 0.00	44.43 3.97 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.57 3.52 0.00	44.15 3.23 0.00	44.66 3.12 0.00	47.13 2.92 0.00	50.18 3.37 0.00	53.22 3.06 0.00	59.40 3.25 0.00	59.38 3.25 0.00	55.19 2.53 0.00	48.27 2.25 0.00	41.27 1.32 0.00	38.49 2.01 0.00
HOLTSVILLE_IC_7 23696	46.71 4.55 -0.01	41.96 4.22 -0.01	37.98 3.61 -0.01	34.04 3.18 -0.01	34.31 3.18 -0.01	36.14 3.43 -0.01	41.45 3.90 -0.01	44.71 3.92 0.00	46.05 3.57 0.00	44.43 3.97 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.57 3.52 0.00	44.15 3.23 0.00	44.66 3.12 0.00	47.13 2.92 0.00	50.18 3.37 0.00	53.22 3.06 0.00	59.40 3.25 0.00	59.38 3.25 0.00	55.19 2.53 0.00	48.27 2.25 0.00	41.27 1.32 0.00	38.49 2.01 0.00
HOLTSVILLE_IC_8 23697	46.71 4.55 -0.01	41.96 4.22 -0.01	37.98 3.61 -0.01	34.04 3.18 -0.01	34.31 3.18 -0.01	36.14 3.43 -0.01	41.45 3.90 -0.01	44.71 3.92 0.00	46.05 3.57 0.00	44.43 3.97 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.57 3.52 0.00	44.15 3.23 0.00	44.66 3.12 0.00	47.13 2.92 0.00	50.18 3.37 0.00	53.22 3.06 0.00	59.40 3.25 0.00	59.38 3.25 0.00	55.19 2.53 0.00	48.27 2.25 0.00	41.27 1.32 0.00	38.49 2.01 0.00
HOLTSVILLE_IC_9 23698	46.71 4.55 -0.01	41.96 4.22 -0.01	37.98 3.61 -0.01	34.04 3.18 -0.01	34.31 3.18 -0.01	36.14 3.43 -0.01	41.45 3.90 -0.01	44.71 3.92 0.00	46.05 3.57 0.00	44.43 3.97 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.57 3.52 0.00	44.15 3.23 0.00	44.66 3.12 0.00	47.13 2.92 0.00	50.18 3.37 0.00	53.22 3.06 0.00	59.40 3.25 0.00	59.38 3.25 0.00	55.19 2.53 0.00	48.27 2.25 0.00	41.27 1.32 0.00	38.49 2.01 0.00
HOMER_HL_115KV_TB2 355744	41.27 -0.89 0.00	36.94 -0.79 0.00	34.09 -0.27 0.00	30.36 -0.49 0.00	30.56 -0.56 0.00	32.37 -0.33 0.00	36.71 -0.83 0.00	39.16 -1.63 0.00	39.89 -2.59 0.00	38.19 -2.27 0.00	37.03 -1.54 0.00	37.91 -0.66 0.00	38.78 -0.27 0.00	41.00 0.08 0.00	41.96 0.42 0.00	44.62 0.40 0.00	46.91 0.09 0.00	49.96 -0.20 0.00	55.47 -0.67 0.00	55.40 -0.73 0.00	52.56 -0.11 0.00	45.18 -0.83 0.00	40.27 0.32 0.00	37.76 1.28 0.00
HOWARD_WT_PWR 323690	42.28 0.13 0.00	37.88 0.15 0.00	34.78 0.41 0.00	30.82 -0.03 0.00	31.28 0.16 0.00	33.09 0.39 0.00	37.61 0.08 0.00	40.26 -0.53 0.00	41.04 -1.44 0.00	39.04 -1.42 0.00	37.45 -1.12 0.00	38.10 -0.46 0.00	38.86 -0.19 0.00	41.04 0.12 0.00	42.20 0.66 0.00	44.75 0.53 0.00	47.18 0.37 0.00	50.66 0.50 0.00	56.70 0.56 0.00	57.36 1.23 0.00	54.40 1.74 0.00	47.35 1.34 0.00	41.87 1.92 0.00	38.49 2.01 0.00
HQ_GEN_CEDARS 23644	42.28 0.13 0.00	37.84 0.11 0.00	34.46 0.10 0.00	30.88 0.03 0.00	31.15 0.03 0.00	32.73 0.03 0.00	37.72 0.19 0.00	41.28 0.49 0.00	42.91 0.42 0.00	40.94 0.49 0.00	38.99 0.42 0.00	38.91 0.35 0.00	39.29 0.23 0.00	41.16 0.25 0.00	41.83 0.29 0.00	44.48 0.27 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.53 0.39 0.00	56.63 0.51 0.00	52.98 0.32 0.00	46.52 0.51 0.00	40.47 0.52 0.00	36.78 0.29 0.00
HQ_GEN_CEDARS_PROXY 323590	42.28 0.13 0.00	37.84 0.11 0.00	34.47 0.10 0.00	30.85 0.00 0.00	31.12 0.00 0.00	32.70 0.00 0.00	37.72 0.19 0.00	41.28 0.49 0.00	42.91 0.42 0.00	40.94 0.49 0.00	38.99 0.43 0.00	38.91 0.35 0.00	39.29 0.24 0.00	41.16 0.25 0.00	41.83 0.29 0.00	44.48 0.27 0.00	46.86 0.05 0.00	50.99 0.25 -0.58	55.96 0.40 0.58	56.63 0.50 0.00	52.98 0.32 0.00	46.52 0.51 0.00	40.47 0.52 0.00	36.78 0.29 0.00

HQ_GEN_IMPORT 323601	41.90 -0.25 0.00	37.47 -0.26 0.00	34.12 -0.24 0.00	30.60 -0.25 0.00	30.87 -0.25 0.00	32.43 -0.26 0.00	37.35 -0.19 0.00	40.67 -0.12 0.00	42.48 0.00 0.00	40.50 0.04 0.00	38.57 0.00 0.00	38.56 0.00 0.00	39.02 -0.04 0.00	40.88 -0.04 0.00	41.50 -0.04 0.00	44.17 -0.04 0.00	46.76 -0.05 0.00	50.74 0.00 -0.58	55.57 0.00 0.58	56.18 0.06 0.00	52.45 -0.21 0.00	45.87 -0.14 0.00	39.83 -0.12 0.00	36.34 -0.15 0.00
HQ_GEN_WHEEL 23651	41.90 -0.25 0.00	37.47 -0.26 0.00	34.12 -0.24 0.00	30.60 -0.25 0.00	30.87 -0.25 0.00	32.43 -0.26 0.00	37.35 -0.19 0.00	40.67 -0.12 0.00	42.48 0.00 0.00	40.50 0.04 0.00	38.57 0.00 0.00	38.56 0.00 0.00	39.02 -0.04 0.00	40.88 -0.04 0.00	41.50 -0.04 0.00	44.17 -0.04 0.00	46.76 -0.05 0.00	50.74 0.00 -0.58	55.57 0.00 0.58	56.18 0.06 0.00	52.45 -0.21 0.00	45.87 -0.14 0.00	39.83 -0.12 0.00	36.34 -0.15 0.00
HUDSON AVE_GT_3 23810	45.27 3.12 0.00	40.60 2.87 0.00	36.73 2.37 0.00	32.95 2.10 0.00	33.21 2.09 0.00	34.92 2.22 0.00	40.20 2.67 0.00	43.65 2.86 0.00	45.58 3.10 0.00	43.49 3.03 0.00	41.35 2.78 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.74 2.82 0.00	44.32 2.78 0.00	47.18 2.96 0.00	49.90 3.09 0.00	52.77 2.61 0.00	59.01 2.86 0.00	58.76 2.64 0.00	55.14 2.48 0.00	48.36 2.35 0.00	41.99 2.04 0.00	38.17 1.68 0.00
HUDSON AVE_GT_4 23540	45.27 3.12 0.00	40.60 2.87 0.00	36.73 2.37 0.00	32.95 2.10 0.00	33.21 2.09 0.00	34.92 2.22 0.00	40.20 2.67 0.00	43.65 2.86 0.00	45.58 3.10 0.00	43.49 3.03 0.00	41.35 2.78 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.74 2.82 0.00	44.32 2.78 0.00	47.18 2.96 0.00	49.90 3.09 0.00	52.77 2.61 0.00	59.01 2.86 0.00	58.76 2.64 0.00	55.14 2.48 0.00	48.36 2.35 0.00	41.99 2.04 0.00	38.17 1.68 0.00
HUDSON AVE_GT_5 23657	45.27 3.12 0.00	40.60 2.87 0.00	36.73 2.37 0.00	32.95 2.10 0.00	33.21 2.09 0.00	34.92 2.22 0.00	40.20 2.67 0.00	43.65 2.86 0.00	45.58 3.10 0.00	43.49 3.03 0.00	41.35 2.78 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.74 2.82 0.00	44.32 2.78 0.00	47.18 2.96 0.00	49.90 3.09 0.00	52.77 2.61 0.00	59.01 2.86 0.00	58.76 2.64 0.00	55.14 2.48 0.00	48.36 2.35 0.00	41.99 2.04 0.00	38.17 1.68 0.00
HUDSON_AVE_10 24168	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.86 2.01 0.00	33.11 1.99 0.00	34.86 2.16 0.00	40.13 2.59 0.00	43.61 2.81 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.27 2.70 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.81 3.00 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.22 2.21 0.00	41.91 1.96 0.00	38.02 1.53 0.00
HUDSON___115KV_TB 4 355613	43.59 1.43 0.00	39.01 1.28 0.00	35.53 1.17 0.00	31.99 1.14 0.00	32.30 1.18 0.00	33.91 1.21 0.00	38.77 1.24 0.00	42.02 1.22 0.00	43.63 1.15 0.00	41.39 0.93 0.00	39.26 0.69 0.00	39.14 0.58 0.00	39.64 0.59 0.00	41.45 0.53 0.00	42.00 0.46 0.00	44.75 0.53 0.00	47.56 0.75 0.00	51.12 0.95 0.00	57.49 1.35 0.00	57.58 1.46 0.00	54.29 1.63 0.00	47.39 1.38 0.00	41.07 1.12 0.00	37.40 0.91 0.00
HUNTER MOUNT___DRP 323613	43.63 1.48 0.00	39.05 1.32 0.00	35.56 1.20 0.00	31.99 1.14 0.00	32.34 1.21 0.00	33.91 1.21 0.00	38.77 1.24 0.00	42.02 1.22 0.00	43.59 1.10 0.00	41.31 0.85 0.00	39.15 0.58 0.00	38.99 0.42 0.00	39.53 0.47 0.00	41.29 0.37 0.00	41.87 0.33 0.00	44.62 0.40 0.00	47.47 0.66 0.00	51.12 0.95 0.00	57.55 1.40 0.00	57.64 1.52 0.00	54.40 1.74 0.00	47.48 1.47 0.00	41.15 1.20 0.00	37.47 0.99 0.00
HUNTINGTON_RES_REC 323705	46.00 3.84 -0.01	41.47 3.74 -0.01	37.53 3.16 -0.01	33.67 2.81 -0.01	33.90 2.77 -0.01	35.71 3.01 -0.01	40.96 3.42 -0.01	44.30 3.51 0.00	45.58 3.10 0.00	44.06 3.60 -0.01	41.62 3.05 0.00	41.66 3.09 -0.01	42.14 3.08 0.00	43.62 2.70 0.00	44.12 2.58 0.00	46.65 2.43 0.00	49.62 2.81 0.00	52.62 2.46 0.00	58.67 2.53 0.00	58.65 2.53 0.00	54.55 1.89 0.00	47.72 1.70 0.00	41.03 1.08 0.00	38.35 1.86 0.00
HUNTLEY___63 23557	41.69 -0.46 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.67 -0.19 0.00	30.84 -0.28 0.00	32.83 0.13 0.00	36.67 -0.86 0.00	39.08 -1.71 0.00	39.68 -2.80 0.00	37.95 -2.51 0.00	36.87 -1.70 0.00	38.02 -0.54 0.00	38.90 -0.16 0.00	41.08 0.16 0.00	42.25 0.71 0.00	44.88 0.66 0.00	46.95 0.14 0.00	50.26 0.10 0.00	55.58 -0.56 0.00	55.40 -0.73 0.00	52.50 -0.16 0.00	45.14 -0.87 0.00	40.51 0.56 0.00	38.17 1.68 0.00
HUNTLEY___64 23558	41.69 -0.46 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.67 -0.19 0.00	30.84 -0.28 0.00	32.83 0.13 0.00	36.67 -0.86 0.00	39.08 -1.71 0.00	39.68 -2.80 0.00	37.95 -2.51 0.00	36.87 -1.70 0.00	38.02 -0.54 0.00	38.90 -0.16 0.00	41.08 0.16 0.00	42.25 0.71 0.00	44.88 0.66 0.00	46.95 0.14 0.00	50.26 0.10 0.00	55.58 -0.56 0.00	55.40 -0.73 0.00	52.50 -0.16 0.00	45.14 -0.87 0.00	40.51 0.56 0.00	38.17 1.68 0.00
HUNTLEY___65 23559	41.69 -0.46 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.67 -0.19 0.00	30.84 -0.28 0.00	32.83 0.13 0.00	36.67 -0.86 0.00	39.08 -1.71 0.00	39.68 -2.80 0.00	37.95 -2.51 0.00	36.87 -1.70 0.00	38.02 -0.54 0.00	38.90 -0.16 0.00	41.08 0.16 0.00	42.25 0.71 0.00	44.88 0.66 0.00	46.95 0.14 0.00	50.26 0.10 0.00	55.58 -0.56 0.00	55.40 -0.73 0.00	52.50 -0.16 0.00	45.14 -0.87 0.00	40.51 0.56 0.00	38.17 1.68 0.00
HUNTLEY___66 23560	41.69 -0.46 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.67 -0.19 0.00	30.84 -0.28 0.00	32.83 0.13 0.00	36.67 -0.86 0.00	39.08 -1.71 0.00	39.68 -2.80 0.00	37.95 -2.51 0.00	36.87 -1.70 0.00	38.02 -0.54 0.00	38.90 -0.16 0.00	41.08 0.16 0.00	42.25 0.71 0.00	44.88 0.66 0.00	46.95 0.14 0.00	50.26 0.10 0.00	55.58 -0.56 0.00	55.40 -0.73 0.00	52.50 -0.16 0.00	45.14 -0.87 0.00	40.51 0.56 0.00	38.17 1.68 0.00
HUNTLEY___67 23561	41.44 -0.72 0.00	37.05 -0.68 0.00	34.22 -0.14 0.00	30.48 -0.37 0.00	30.66 -0.47 0.00	32.50 -0.20 0.00	36.52 -1.01 0.00	38.92 -1.88 0.00	39.55 -2.93 0.00	37.83 -2.63 0.00	36.72 -1.85 0.00	37.87 -0.69 0.00	38.71 -0.35 0.00	40.88 -0.04 0.00	42.04 0.50 0.00	44.66 0.44 0.00	46.72 -0.09 0.00	50.01 -0.15 0.00	55.24 -0.90 0.00	55.11 -1.01 0.00	52.24 -0.42 0.00	44.95 -1.06 0.00	40.35 0.40 0.00	37.95 1.46 0.00
HUNTLEY___68 23562	41.44 -0.72 0.00	37.05 -0.68 0.00	34.22 -0.14 0.00	30.48 -0.37 0.00	30.66 -0.47 0.00	32.50 -0.20 0.00	36.52 -1.01 0.00	38.92 -1.88 0.00	39.55 -2.93 0.00	37.83 -2.63 0.00	36.72 -1.85 0.00	37.87 -0.69 0.00	38.71 -0.35 0.00	40.88 -0.04 0.00	42.04 0.50 0.00	44.66 0.44 0.00	46.72 -0.09 0.00	50.01 -0.15 0.00	55.24 -0.90 0.00	55.11 -1.01 0.00	52.24 -0.42 0.00	44.95 -1.06 0.00	40.35 0.40 0.00	37.95 1.46 0.00

HYLAND___LFGE 323620	44.05 1.90 0.00	39.35 1.62 0.00	36.11 1.75 0.00	31.99 1.14 0.00	32.46 1.34 0.00	34.33 1.63 0.00	39.00 1.46 0.00	41.44 0.65 0.00	41.93 -0.55 0.00	39.57 -0.89 0.00	37.76 -0.81 0.00	38.25 -0.31 0.00	38.90 -0.16 0.00	41.00 0.08 0.00	42.29 0.75 0.00	44.92 0.71 0.00	47.56 0.75 0.00	51.72 1.56 0.00	58.61 2.47 0.00	59.94 3.82 0.00	56.98 4.32 0.00	49.56 3.54 0.00	43.43 3.47 0.00	39.63 3.14 0.00
INDECK___CORINTH 23802	43.75 1.60 0.00	39.24 1.51 0.00	35.80 1.44 0.00	32.09 1.24 0.00	32.40 1.28 0.00	34.10 1.41 0.00	39.08 1.54 0.00	42.30 1.51 0.00	44.01 1.53 0.00	41.67 1.21 0.00	39.42 0.85 0.00	39.26 0.69 0.00	39.60 0.55 0.00	41.41 0.49 0.00	41.91 0.37 0.00	44.75 0.53 0.00	47.47 0.66 0.00	51.07 0.90 0.00	57.55 1.40 0.00	57.58 1.46 0.00	54.82 2.16 0.00	47.72 1.70 0.00	41.27 1.32 0.00	37.76 1.28 0.00
INDECK___ILION 23567	42.74 0.59 0.00	38.26 0.53 0.00	34.84 0.48 0.00	31.28 0.43 0.00	31.56 0.44 0.00	33.19 0.49 0.00	38.06 0.53 0.00	41.36 0.57 0.00	43.04 0.55 0.00	40.98 0.53 0.00	39.07 0.50 0.00	39.10 0.54 0.00	39.56 0.51 0.00	41.49 0.57 0.00	42.08 0.54 0.00	44.79 0.57 0.00	47.42 0.61 0.00	50.76 0.60 0.00	56.87 0.73 0.00	56.80 0.67 0.00	53.40 0.74 0.00	46.70 0.69 0.00	40.51 0.56 0.00	37.04 0.55 0.00
INDECK___OLEAN 23982	41.31 -0.84 0.00	37.05 -0.68 0.00	34.09 -0.28 0.00	30.14 -0.71 0.00	30.66 -0.47 0.00	32.47 -0.23 0.00	36.75 -0.79 0.00	39.16 -1.63 0.00	40.06 -2.42 0.00	38.31 -2.15 0.00	36.99 -1.58 0.00	37.98 -0.58 0.00	38.90 -0.16 0.00	41.00 0.08 0.00	42.25 0.71 0.00	44.61 0.40 0.00	46.91 0.09 0.00	50.01 -0.15 0.00	55.41 -0.73 0.00	55.67 -0.45 0.00	52.61 -0.05 0.00	45.55 -0.46 0.00	40.71 0.76 0.00	37.76 1.28 0.00
INDECK___OSWEGO 23783	41.27 -0.89 0.00	36.94 -0.79 0.00	33.67 -0.69 0.00	30.20 -0.65 0.00	30.47 -0.66 0.00	32.01 -0.69 0.00	36.71 -0.83 0.00	39.85 -0.94 0.00	41.38 -1.10 0.00	39.37 -1.09 0.00	37.57 -1.00 0.00	37.60 -0.96 0.00	38.08 -0.97 0.00	39.98 -0.94 0.00	40.63 -0.91 0.00	43.24 -0.97 0.00	45.74 -1.07 0.00	49.16 -1.00 0.00	55.02 -1.12 0.00	55.06 -1.07 0.00	51.87 -0.79 0.00	45.27 -0.74 0.00	39.31 -0.64 0.00	35.87 -0.62 0.00
INDECK___YERKES 23781	41.81 -0.34 0.00	37.43 -0.30 0.00	34.50 0.14 0.00	30.60 -0.25 0.00	30.97 -0.15 0.00	32.80 0.10 0.00	36.75 -0.79 0.00	39.12 -1.67 0.00	39.94 -2.55 0.00	38.23 -2.23 0.00	36.95 -1.62 0.00	38.14 -0.42 0.00	39.10 0.04 0.00	41.16 0.25 0.00	42.54 1.00 0.00	44.92 0.71 0.00	47.00 0.19 0.00	50.36 0.20 0.00	55.64 -0.51 0.00	55.85 -0.28 0.00	52.61 -0.05 0.00	45.69 -0.32 0.00	41.11 1.16 0.00	38.20 1.72 0.00
INDIAN POINT_GT_1 24139	44.64 2.49 0.00	40.07 2.34 0.00	36.32 1.96 0.00	32.61 1.76 0.00	32.87 1.74 0.00	34.59 1.90 0.00	39.68 2.14 0.00	43.04 2.24 0.00	44.90 2.42 0.00	42.80 2.35 0.00	40.73 2.16 0.00	40.68 2.12 0.00	41.24 2.19 0.00	43.09 2.17 0.00	43.62 2.08 0.00	46.43 2.21 0.00	49.20 2.39 0.00	52.17 2.01 0.00	58.39 2.25 0.00	58.20 2.08 0.00	54.66 2.00 0.00	47.85 1.84 0.00	41.55 1.60 0.00	37.84 1.35 0.00
INDIAN POINT_GT_2 23659	44.64 2.49 0.00	40.07 2.34 0.00	36.32 1.96 0.00	32.61 1.76 0.00	32.87 1.74 0.00	34.59 1.90 0.00	39.68 2.14 0.00	43.04 2.24 0.00	44.90 2.42 0.00	42.80 2.35 0.00	40.73 2.16 0.00	40.68 2.12 0.00	41.24 2.19 0.00	43.09 2.17 0.00	43.62 2.08 0.00	46.43 2.21 0.00	49.20 2.39 0.00	52.17 2.01 0.00	58.39 2.25 0.00	58.20 2.08 0.00	54.66 2.00 0.00	47.85 1.84 0.00	41.55 1.60 0.00	37.84 1.35 0.00
INDIAN POINT_GT_3 24019	44.64 2.49 0.00	40.07 2.34 0.00	36.32 1.96 0.00	32.61 1.76 0.00	32.87 1.74 0.00	34.59 1.90 0.00	39.68 2.14 0.00	43.04 2.24 0.00	44.90 2.42 0.00	42.80 2.35 0.00	40.73 2.16 0.00	40.68 2.12 0.00	41.24 2.19 0.00	43.09 2.17 0.00	43.62 2.08 0.00	46.43 2.21 0.00	49.20 2.39 0.00	52.17 2.01 0.00	58.39 2.25 0.00	58.20 2.08 0.00	54.66 2.00 0.00	47.85 1.84 0.00	41.55 1.60 0.00	37.84 1.35 0.00
INDIAN POINT___2 23530	44.60 2.44 0.00	39.99 2.26 0.00	36.25 1.89 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.53 1.83 0.00	39.64 2.10 0.00	42.99 2.20 0.00	44.82 2.34 0.00	42.76 2.30 0.00	40.73 2.16 0.00	40.64 2.08 0.00	41.16 2.11 0.00	43.04 2.13 0.00	43.58 2.04 0.00	46.38 2.17 0.00	49.15 2.34 0.00	52.12 1.95 0.00	58.33 2.19 0.00	58.09 1.96 0.00	54.61 1.95 0.00	47.72 1.70 0.00	41.39 1.44 0.00	37.80 1.31 0.00
INDIAN POINT___3 23531	44.60 2.44 0.00	39.99 2.26 0.00	36.29 1.92 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.53 1.83 0.00	39.64 2.10 0.00	42.95 2.16 0.00	44.82 2.34 0.00	42.76 2.31 0.00	40.69 2.12 0.00	40.61 2.04 0.00	41.17 2.11 0.00	43.00 2.09 0.00	43.58 2.04 0.00	46.38 2.17 0.00	49.11 2.29 0.00	52.12 1.96 0.00	58.28 2.13 0.00	58.15 2.02 0.00	54.61 1.95 0.00	47.81 1.79 0.00	41.47 1.52 0.00	37.80 1.31 0.00
INGHAM_C_115KV_TB7 356103	43.25 1.10 0.00	38.71 0.98 0.00	35.22 0.86 0.00	31.62 0.77 0.00	31.90 0.78 0.00	33.55 0.85 0.00	38.51 0.98 0.00	41.85 1.06 0.00	43.50 1.02 0.00	41.47 1.01 0.00	39.57 1.00 0.00	39.60 1.04 0.00	40.07 1.02 0.00	42.02 1.10 0.00	42.62 1.08 0.00	45.37 1.15 0.00	47.98 1.17 0.00	51.37 1.20 0.00	57.55 1.40 0.00	57.47 1.35 0.00	54.08 1.42 0.00	47.30 1.29 0.00	41.07 1.12 0.00	37.51 1.02 0.00
IP CORINTH___1 23988	44.01 1.85 0.00	39.43 1.70 0.00	35.98 1.62 0.00	32.24 1.39 0.00	32.55 1.43 0.00	34.30 1.60 0.00	39.26 1.73 0.00	42.55 1.75 0.00	44.27 1.78 0.00	41.91 1.46 0.00	39.61 1.04 0.00	39.49 0.93 0.00	39.84 0.78 0.00	41.65 0.74 0.00	42.25 0.71 0.00	44.97 0.75 0.00	47.70 0.89 0.00	51.37 1.20 0.00	57.88 1.74 0.00	57.92 1.80 0.00	55.14 2.48 0.00	48.04 2.02 0.00	41.55 1.60 0.00	37.95 1.46 0.00
IP___TICONDEROGA 23804	46.07 3.92 0.00	41.20 3.47 0.00	37.66 3.30 0.00	33.66 2.81 0.00	34.02 2.89 0.00	35.90 3.20 0.00	41.06 3.53 0.00	44.42 3.63 0.00	46.18 3.70 0.00	43.61 3.16 0.00	41.23 2.66 0.00	41.07 2.51 0.00	41.44 2.38 0.00	43.37 2.46 0.00	43.99 2.45 0.00	46.78 2.56 0.00	49.67 2.86 0.00	53.72 3.56 0.00	60.80 4.66 0.00	61.06 4.94 0.00	58.19 5.53 0.00	50.52 4.51 0.00	43.59 3.64 0.00	39.74 3.25 0.00
ISLIP_RES_REC 323679	46.96 4.80 -0.01	42.19 4.45 -0.01	38.18 3.81 -0.01	34.19 3.33 -0.01	34.46 3.33 -0.01	36.30 3.60 -0.01	41.64 4.09 -0.01	44.95 4.16 0.00	46.31 3.83 0.00	44.67 4.21 -0.01	42.31 3.74 0.00	42.35 3.78 -0.01	42.81 3.75 0.00	44.44 3.52 0.00	44.95 3.41 0.00	47.40 3.19 0.00	50.51 3.70 0.00	53.52 3.36 0.00	59.74 3.60 0.00	59.77 3.65 0.00	55.50 2.84 0.00	48.50 2.48 0.00	41.51 1.56 0.00	38.68 2.19 0.00

JAMAICA__27_KV_LOAD 355505	45.57 3.41 0.00	40.82 3.09 0.00	36.87 2.51 0.00	33.07 2.22 0.00	33.27 2.15 0.00	35.08 2.39 0.00	40.46 2.93 0.00	44.05 3.26 0.00	46.05 3.57 0.00	43.94 3.48 0.00	41.54 2.97 0.00	41.49 2.93 0.00	42.06 3.01 0.00	43.99 3.07 0.00	44.53 2.99 0.00	47.44 3.23 0.00	50.18 3.37 0.00	52.97 2.81 0.00	59.34 3.20 0.00	59.10 2.97 0.00	55.45 2.79 0.00	48.50 2.48 0.00	42.27 2.32 0.00	38.20 1.71 0.00
JANIS__SOLAR 323808	43.84 1.69 0.00	39.20 1.47 0.00	35.74 1.38 0.00	31.93 1.08 0.00	32.30 1.18 0.00	34.01 1.31 0.00	39.04 1.50 0.00	42.22 1.43 0.00	43.33 0.85 0.00	40.98 0.52 0.00	39.11 0.54 0.00	39.10 0.54 0.00	39.60 0.55 0.00	41.69 0.78 0.00	42.41 0.87 0.00	45.10 0.88 0.00	47.89 1.08 0.00	51.67 1.50 0.00	58.27 2.13 0.00	58.59 2.47 0.00	55.50 2.84 0.00	48.40 2.39 0.00	41.99 2.04 0.00	38.31 1.82 0.00
JARVIS____ 23743	42.36 0.21 0.00	37.92 0.19 0.00	34.53 0.17 0.00	31.01 0.16 0.00	31.28 0.16 0.00	32.86 0.16 0.00	37.72 0.19 0.00	40.96 0.16 0.00	42.61 0.13 0.00	40.58 0.12 0.00	38.69 0.12 0.00	38.68 0.12 0.00	39.17 0.12 0.00	41.00 0.08 0.00	41.62 0.08 0.00	44.31 0.09 0.00	46.91 0.09 0.00	50.26 0.10 0.00	56.25 0.11 0.00	56.24 0.11 0.00	52.87 0.21 0.00	46.20 0.18 0.00	40.07 0.12 0.00	36.60 0.11 0.00
JENNISON____1 23625	44.01 1.85 0.00	39.35 1.62 0.00	35.91 1.55 0.00	32.18 1.33 0.00	32.43 1.31 0.00	34.17 1.47 0.00	39.19 1.65 0.00	42.46 1.67 0.00	43.72 1.23 0.00	41.47 1.01 0.00	39.69 1.12 0.00	39.72 1.16 0.00	40.23 1.17 0.00	42.39 1.47 0.00	42.99 1.45 0.00	45.76 1.55 0.00	48.50 1.69 0.00	52.12 1.96 0.00	58.61 2.47 0.00	58.65 2.53 0.00	55.56 2.90 0.00	48.41 2.39 0.00	41.99 2.04 0.00	38.46 1.97 0.00
JENNISON____2 23626	44.01 1.85 0.00	39.35 1.62 0.00	35.91 1.55 0.00	32.18 1.33 0.00	32.43 1.31 0.00	34.17 1.47 0.00	39.19 1.65 0.00	42.46 1.67 0.00	43.72 1.23 0.00	41.47 1.01 0.00	39.69 1.12 0.00	39.72 1.16 0.00	40.23 1.17 0.00	42.39 1.47 0.00	42.99 1.45 0.00	45.76 1.55 0.00	48.50 1.69 0.00	52.12 1.96 0.00	58.61 2.47 0.00	58.65 2.53 0.00	55.56 2.90 0.00	48.41 2.39 0.00	41.99 2.04 0.00	38.46 1.97 0.00
JERICOHO_RISE_WT_PWR 323719	42.19 0.04 0.00	37.77 0.04 0.00	34.36 0.00 0.00	30.79 -0.06 0.00	31.03 -0.09 0.00	32.60 -0.10 0.00	37.61 0.08 0.00	41.12 0.32 0.00	42.78 0.30 0.00	40.86 0.40 0.00	38.92 0.35 0.00	38.79 0.23 0.00	39.17 0.12 0.00	41.04 0.12 0.00	41.71 0.17 0.00	44.44 0.22 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.54 0.40 0.00	56.63 0.50 0.00	52.93 0.26 0.00	46.38 0.37 0.00	40.31 0.36 0.00	36.75 0.26 0.00
KATONAH__115KV_46KV_TB4 355592	44.72 2.57 0.00	40.14 2.41 0.00	36.39 2.03 0.00	32.67 1.82 0.00	32.93 1.81 0.00	34.66 1.96 0.00	39.75 2.21 0.00	43.12 2.33 0.00	45.03 2.55 0.00	42.84 2.39 0.00	40.81 2.24 0.00	40.68 2.12 0.00	41.24 2.19 0.00	43.09 2.17 0.00	43.66 2.12 0.00	46.52 2.30 0.00	49.25 2.43 0.00	52.32 2.16 0.00	58.50 2.36 0.00	58.37 2.24 0.00	54.87 2.21 0.00	47.99 1.98 0.00	41.63 1.68 0.00	37.98 1.50 0.00
KCE_NY_1 323755	44.18 2.02 0.00	39.58 1.85 0.00	36.08 1.72 0.00	32.36 1.51 0.00	32.68 1.56 0.00	34.36 1.67 0.00	39.37 1.84 0.00	42.67 1.88 0.00	44.35 1.87 0.00	42.08 1.62 0.00	39.92 1.35 0.00	39.83 1.27 0.00	40.31 1.25 0.00	42.14 1.23 0.00	42.70 1.16 0.00	45.54 1.33 0.00	48.31 1.50 0.00	51.87 1.71 0.00	58.33 2.19 0.00	58.26 2.13 0.00	55.14 2.48 0.00	48.08 2.07 0.00	41.63 1.68 0.00	38.02 1.53 0.00
KCE_NY_6_ESR 323823	41.90 -0.25 0.00	37.51 -0.23 0.00	34.57 0.21 0.00	30.51 -0.34 0.00	31.03 -0.09 0.00	32.86 0.16 0.00	36.93 -0.60 0.00	39.36 -1.43 0.00	40.19 -2.29 0.00	38.48 -1.98 0.00	37.14 -1.43 0.00	38.29 -0.27 0.00	39.25 0.20 0.00	41.33 0.41 0.00	42.70 1.16 0.00	45.10 0.88 0.00	47.23 0.42 0.00	50.61 0.45 0.00	55.97 -0.17 0.00	56.18 0.06 0.00	52.98 0.32 0.00	46.01 0.00 0.00	41.31 1.36 0.00	38.31 1.82 0.00
KEDC_PORT_JEFF_GT2 24210	46.59 4.42 -0.01	41.89 4.15 -0.01	37.91 3.54 -0.01	33.98 3.11 -0.01	34.21 3.08 -0.01	36.04 3.34 -0.01	41.33 3.79 -0.01	44.62 3.83 0.00	45.97 3.48 0.00	44.31 3.85 -0.01	41.96 3.39 0.00	42.00 3.43 -0.01	42.49 3.44 0.00	44.07 3.15 0.00	44.53 2.99 0.00	46.87 2.65 0.00	49.90 3.09 0.00	52.92 2.76 0.00	59.06 2.92 0.00	59.10 2.97 0.00	54.87 2.21 0.00	48.03 2.02 0.00	41.19 1.24 0.00	38.42 1.93 0.00
KEDC_PORT_JEFF_GT3 24211	46.59 4.42 -0.01	41.89 4.15 -0.01	37.91 3.54 -0.01	33.98 3.11 -0.01	34.21 3.08 -0.01	36.04 3.34 -0.01	41.33 3.79 -0.01	44.62 3.83 0.00	45.97 3.48 0.00	44.31 3.85 -0.01	41.96 3.39 0.00	42.00 3.43 -0.01	42.49 3.44 0.00	44.07 3.15 0.00	44.53 2.99 0.00	46.87 2.65 0.00	49.90 3.09 0.00	52.92 2.76 0.00	59.06 2.92 0.00	59.10 2.97 0.00	54.87 2.21 0.00	48.03 2.02 0.00	41.19 1.24 0.00	38.42 1.93 0.00
KEDC_GLWD_GT4 24219	45.57 3.41 -0.01	40.91 3.17 -0.01	37.05 2.68 -0.01	33.24 2.38 -0.01	33.49 2.36 -0.01	35.26 2.55 -0.01	40.47 2.93 -0.01	43.89 3.10 0.00	45.54 3.06 0.00	43.66 3.20 -0.01	41.54 2.97 0.00	41.50 2.93 -0.01	42.02 2.97 0.00	43.78 2.86 0.00	44.32 2.78 0.00	47.09 2.87 0.00	49.90 3.09 0.00	52.87 2.71 0.00	58.67 2.53 0.00	58.48 2.36 0.00	54.77 2.11 0.00	48.22 2.21 0.00	41.67 1.72 0.00	38.35 1.86 0.00
KEDC_GLWD_GT5 24220	45.57 3.41 -0.01	40.91 3.17 -0.01	37.05 2.68 -0.01	33.24 2.38 -0.01	33.49 2.36 -0.01	35.26 2.55 -0.01	40.47 2.93 -0.01	43.89 3.10 0.00	45.54 3.06 0.00	43.66 3.20 -0.01	41.54 2.97 0.00	41.50 2.93 -0.01	42.02 2.97 0.00	43.78 2.86 0.00	44.32 2.78 0.00	47.09 2.87 0.00	49.90 3.09 0.00	52.87 2.71 0.00	58.67 2.53 0.00	58.48 2.36 0.00	54.77 2.11 0.00	48.22 2.21 0.00	41.67 1.72 0.00	38.35 1.86 0.00
KENSICO____ 23655	44.85 2.70 0.00	40.22 2.49 0.00	36.46 2.10 0.00	32.73 1.88 0.00	32.99 1.87 0.00	34.69 1.99 0.00	39.83 2.29 0.00	43.24 2.45 0.00	45.12 2.63 0.00	43.01 2.55 0.00	40.92 2.35 0.00	40.88 2.31 0.00	41.40 2.34 0.00	43.25 2.33 0.00	43.83 2.28 0.00	46.65 2.43 0.00	49.39 2.57 0.00	52.37 2.21 0.00	58.61 2.47 0.00	58.43 2.30 0.00	54.82 2.16 0.00	48.04 2.02 0.00	41.67 1.72 0.00	37.95 1.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.85 2.70 0.00	40.18 2.45 0.00	36.39 2.03 0.00	32.67 1.82 0.00	32.93 1.81 0.00	34.63 1.93 0.00	39.71 2.18 0.00	43.04 2.24 0.00	44.90 2.42 0.00	42.72 2.27 0.00	40.65 2.08 0.00	40.57 2.01 0.00	41.13 2.07 0.00	43.00 2.09 0.00	43.62 2.08 0.00	46.52 2.30 0.00	49.39 2.57 0.00	52.67 2.51 0.00	59.06 2.92 0.00	58.99 2.86 0.00	55.40 2.74 0.00	48.41 2.39 0.00	41.95 2.00 0.00	38.24 1.75 0.00

KIAC_JFK_GT1 23816	45.27 3.12 0.00	40.56 2.83 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.11 1.99 0.00	34.89 2.19 0.00	40.24 2.70 0.00	43.81 3.02 0.00	45.80 3.31 0.00	43.69 3.24 0.00	41.35 2.78 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.74 2.82 0.00	44.28 2.74 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.47 2.31 0.00	58.78 2.64 0.00	58.54 2.41 0.00	54.93 2.26 0.00	48.04 2.02 0.00	42.03 2.08 0.00	37.95 1.46 0.00
KIAC_JFK_GT2 23817	45.27 3.12 0.00	40.56 2.83 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.11 1.99 0.00	34.89 2.19 0.00	40.24 2.70 0.00	43.81 3.02 0.00	45.80 3.31 0.00	43.69 3.24 0.00	41.35 2.78 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.74 2.82 0.00	44.28 2.74 0.00	47.05 2.83 0.00	49.71 2.90 0.00	52.47 2.31 0.00	58.78 2.64 0.00	58.54 2.41 0.00	54.93 2.26 0.00	48.04 2.02 0.00	42.03 2.08 0.00	37.95 1.46 0.00
KIAC_JFK____ 323774	45.27 3.12 0.00	40.56 2.83 0.00	36.63 2.27 0.00	32.86 2.00 0.00	33.08 1.96 0.00	34.85 2.16 0.00	40.24 2.70 0.00	43.81 3.02 0.00	45.75 3.27 0.00	43.65 3.20 0.00	41.35 2.78 0.00	41.26 2.70 0.00	41.79 2.73 0.00	43.74 2.82 0.00	44.24 2.70 0.00	47.18 2.96 0.00	49.67 2.86 0.00	52.47 2.31 0.00	58.78 2.64 0.00	58.48 2.36 0.00	54.92 2.26 0.00	47.90 1.89 0.00	41.91 1.96 0.00	37.95 1.46 0.00
KINTIGH__24_KV_GSU 356498	41.44 -0.72 0.00	37.13 -0.61 0.00	34.16 -0.20 0.00	30.24 -0.62 0.00	30.66 -0.47 0.00	32.47 -0.23 0.00	36.56 -0.98 0.00	39.08 -1.71 0.00	40.02 -2.47 0.00	38.27 -2.19 0.00	36.87 -1.70 0.00	37.91 -0.66 0.00	38.74 -0.31 0.00	40.75 -0.16 0.00	42.08 0.54 0.00	44.48 0.27 0.00	46.58 -0.23 0.00	50.01 -0.15 0.00	55.19 -0.95 0.00	55.39 -0.73 0.00	52.19 -0.47 0.00	45.46 -0.55 0.00	40.67 0.72 0.00	37.58 1.09 0.00
KINTIGH____ 23543	41.35 -0.80 0.00	36.98 -0.75 0.00	34.12 -0.24 0.00	30.42 -0.43 0.00	30.59 -0.53 0.00	32.44 -0.26 0.00	36.52 -1.01 0.00	39.08 -1.71 0.00	39.81 -2.68 0.00	38.07 -2.39 0.00	36.83 -1.74 0.00	37.83 -0.73 0.00	38.59 -0.47 0.00	40.75 -0.16 0.00	41.87 0.33 0.00	44.48 0.27 0.00	46.58 -0.23 0.00	49.96 -0.20 0.00	55.19 -0.95 0.00	55.06 -1.07 0.00	52.13 -0.53 0.00	45.00 -1.01 0.00	40.19 0.24 0.00	37.58 1.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.87 0.72 0.00	38.41 0.68 0.00	34.95 0.58 0.00	31.28 0.43 0.00	31.50 0.37 0.00	33.12 0.43 0.00	38.25 0.71 0.00	41.77 0.98 0.00	43.38 0.89 0.00	41.43 0.97 0.00	39.46 0.89 0.00	39.33 0.77 0.00	39.68 0.62 0.00	41.61 0.70 0.00	42.33 0.79 0.00	45.10 0.88 0.00	47.56 0.75 0.00	51.27 1.10 0.00	57.49 1.35 0.00	57.64 1.52 0.00	53.98 1.32 0.00	47.25 1.24 0.00	41.07 1.12 0.00	37.40 0.91 0.00
LACHUTE____HYDRO 323717	46.07 3.92 0.00	41.20 3.47 0.00	37.66 3.30 0.00	33.63 2.78 0.00	33.98 2.86 0.00	35.87 3.17 0.00	41.06 3.53 0.00	44.42 3.63 0.00	46.14 3.65 0.00	43.57 3.12 0.00	41.23 2.66 0.00	41.07 2.51 0.00	41.40 2.34 0.00	43.37 2.45 0.00	43.87 2.32 0.00	46.87 2.65 0.00	49.67 2.86 0.00	53.72 3.56 0.00	60.80 4.66 0.00	61.01 4.88 0.00	58.19 5.53 0.00	50.52 4.51 0.00	43.59 3.64 0.00	39.73 3.25 0.00
LAWRNCALV_115KV_TB1 80681	42.45 0.30 0.00	38.03 0.30 0.00	34.60 0.24 0.00	31.04 0.19 0.00	31.28 0.16 0.00	32.86 0.16 0.00	37.95 0.41 0.00	41.48 0.69 0.00	43.08 0.59 0.00	41.06 0.61 0.00	39.11 0.54 0.00	38.99 0.42 0.00	39.33 0.27 0.00	41.20 0.29 0.00	41.87 0.33 0.00	44.39 0.18 0.00	46.58 -0.23 0.00	50.21 0.05 0.00	56.42 0.28 0.00	56.57 0.45 0.00	52.98 0.32 0.00	46.70 0.69 0.00	40.71 0.76 0.00	37.00 0.51 0.00
LEDERLE____ 23769	44.77 2.61 0.00	40.14 2.41 0.00	36.39 2.03 0.00	32.70 1.85 0.00	32.96 1.84 0.00	34.66 1.96 0.00	39.75 2.21 0.00	43.12 2.33 0.00	44.99 2.51 0.00	42.92 2.47 0.00	40.84 2.28 0.00	40.80 2.24 0.00	41.36 2.30 0.00	43.21 2.29 0.00	43.74 2.20 0.00	46.60 2.39 0.00	49.39 2.57 0.00	52.42 2.26 0.00	58.61 2.47 0.00	58.48 2.36 0.00	54.93 2.26 0.00	48.04 2.02 0.00	41.71 1.76 0.00	37.98 1.50 0.00
LIGHTHSE_115KV_TB6 355974	42.11 -0.04 0.00	37.69 -0.04 0.00	34.36 0.00 0.00	30.82 -0.03 0.00	31.09 -0.03 0.00	32.70 0.00 0.00	37.50 -0.04 0.00	40.71 -0.08 0.00	42.14 -0.34 0.00	40.01 -0.45 0.00	38.22 -0.35 0.00	38.18 -0.39 0.00	38.67 -0.39 0.00	40.55 -0.37 0.00	41.17 -0.37 0.00	43.73 -0.49 0.00	46.20 -0.61 0.00	49.81 -0.35 0.00	55.92 -0.22 0.00	56.12 0.00 0.00	53.03 0.37 0.00	46.29 0.28 0.00	40.15 0.20 0.00	36.63 0.15 0.00
LINDEN COGEN____ 23786	44.98 2.82 0.00	40.30 2.57 0.00	36.46 2.10 0.00	32.70 1.85 0.00	32.96 1.84 0.00	34.69 1.99 0.00	39.90 2.37 0.00	43.36 2.57 0.00	45.24 2.76 0.00	43.21 2.75 0.00	41.11 2.54 0.00	41.03 2.47 0.00	41.56 2.50 0.00	43.45 2.54 0.00	43.99 2.45 0.00	46.83 2.61 0.00	49.57 2.76 0.00	52.32 2.16 0.00	58.55 2.41 0.00	58.26 2.13 0.00	54.71 2.05 0.00	47.94 1.93 0.00	41.55 1.60 0.00	37.91 1.42 0.00
LINDHRST_69_KV_BK1 356055	46.62 4.47 0.00	41.88 4.15 0.00	37.94 3.57 0.00	34.03 3.18 0.00	34.27 3.14 0.00	36.07 3.37 0.00	41.40 3.87 0.00	44.75 3.96 0.00	46.26 3.78 0.00	44.62 4.17 0.00	42.23 3.66 0.00	42.23 3.66 0.00	42.73 3.67 0.00	44.35 3.44 0.00	44.99 3.45 0.00	47.53 3.32 0.00	50.51 3.70 0.00	53.62 3.46 0.00	59.85 3.71 0.00	59.89 3.76 0.00	55.72 3.05 0.00	48.87 2.85 0.00	42.31 2.36 0.00	38.82 2.34 0.00
LIPA_MISC_IPP 23656	46.54 4.38 0.00	41.81 4.07 0.00	37.87 3.50 0.00	33.94 3.09 0.00	34.14 3.02 0.00	35.97 3.27 0.00	41.21 3.68 0.00	44.50 3.71 0.00	46.01 3.53 0.00	44.42 3.96 0.00	42.04 3.47 0.00	41.99 3.43 0.00	42.49 3.44 0.00	44.07 3.15 0.00	44.70 3.16 0.00	47.05 2.83 0.00	50.14 3.32 0.00	53.22 3.06 0.00	59.40 3.26 0.00	59.49 3.37 0.00	55.14 2.48 0.00	48.41 2.39 0.00	41.51 1.56 0.00	38.13 1.64 0.00
LISF____SOLAR 323691	46.59 4.42 -0.01	41.89 4.15 -0.01	37.91 3.54 -0.01	33.95 3.08 -0.01	34.21 3.08 -0.01	36.01 3.30 -0.01	41.30 3.75 -0.01	44.59 3.79 0.00	45.92 3.44 0.00	44.27 3.80 -0.01	41.92 3.35 0.00	41.96 3.39 -0.01	42.42 3.36 0.00	43.99 3.07 0.00	44.49 2.95 0.00	46.96 2.74 0.00	50.04 3.23 0.00	53.07 2.91 0.00	59.23 3.09 0.00	59.27 3.14 0.00	55.03 2.37 0.00	48.13 2.12 0.00	40.99 1.04 0.00	38.17 1.68 0.00
LITTLE FALLS____HYD 24013	43.25 1.10 0.00	38.71 0.98 0.00	35.22 0.86 0.00	31.62 0.77 0.00	31.90 0.78 0.00	33.55 0.85 0.00	38.51 0.98 0.00	41.85 1.06 0.00	43.50 1.02 0.00	41.47 1.01 0.00	39.57 1.00 0.00	39.60 1.04 0.00	40.07 1.02 0.00	42.02 1.10 0.00	42.62 1.08 0.00	45.37 1.15 0.00	47.98 1.17 0.00	51.37 1.20 0.00	57.55 1.40 0.00	57.47 1.35 0.00	54.08 1.42 0.00	47.30 1.29 0.00	41.07 1.12 0.00	37.51 1.02 0.00

LITTLRIV_115KV_TB1 356100	42.91 0.76 0.00	38.41 0.68 0.00	34.98 0.62 0.00	31.35 0.49 0.00	31.62 0.50 0.00	33.22 0.52 0.00	38.32 0.79 0.00	41.85 1.06 0.00	43.33 0.85 0.00	41.27 0.81 0.00	39.30 0.73 0.00	39.14 0.58 0.00	39.49 0.43 0.00	41.33 0.41 0.00	42.00 0.46 0.00	44.57 0.35 0.00	46.76 -0.05 0.00	50.51 0.35 0.00	56.87 0.73 0.00	57.19 1.07 0.00	53.66 1.00 0.00	47.30 1.29 0.00	41.19 1.24 0.00	37.40 0.91 0.00
LI_NEWBRDGE___DRP 323616	45.61 3.46 0.00	40.97 3.24 0.00	37.15 2.78 0.00	33.32 2.47 0.00	33.58 2.46 0.00	35.35 2.65 0.00	40.58 3.04 0.00	43.89 3.10 0.00	45.50 3.02 0.00	43.77 3.32 0.00	41.46 2.89 0.00	41.42 2.85 0.00	41.95 2.89 0.00	43.54 2.62 0.00	44.16 2.62 0.00	46.65 2.43 0.00	49.57 2.76 0.00	52.57 2.41 0.00	58.67 2.53 0.00	58.65 2.53 0.00	54.66 2.00 0.00	47.95 1.93 0.00	41.59 1.64 0.00	38.17 1.68 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.82 -0.34 0.00	37.35 -0.38 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.90 -0.22 0.00	32.47 -0.23 0.00	36.64 -0.90 0.00	38.83 -1.96 0.00	39.42 -3.06 0.00	37.71 -2.75 0.00	36.60 -1.97 0.00	37.75 -0.81 0.00	38.55 -0.51 0.00	40.75 -0.16 0.00	41.91 0.37 0.00	44.53 0.31 0.00	46.58 -0.23 0.00	49.91 -0.25 0.00	55.19 -0.95 0.00	55.06 -1.07 0.00	52.19 -0.47 0.00	44.91 -1.10 0.00	40.27 0.32 0.00	38.17 1.68 0.00
LOCKPORT___CC1 323769	41.77 -0.38 0.00	37.43 -0.30 0.00	34.50 0.14 0.00	30.24 -0.62 0.00	30.94 -0.19 0.00	32.80 0.10 0.00	36.63 -0.90 0.00	38.87 -1.92 0.00	39.68 -2.81 0.00	37.95 -2.51 0.00	36.64 -1.93 0.00	37.83 -0.73 0.00	38.70 -0.35 0.00	40.79 -0.12 0.00	42.17 0.62 0.00	44.57 0.35 0.00	46.58 -0.23 0.00	49.96 -0.20 0.00	55.13 -1.01 0.00	55.39 -0.73 0.00	52.19 -0.47 0.00	45.41 -0.60 0.00	40.83 0.88 0.00	38.13 1.64 0.00
LOCKPORT___CC2 323770	41.77 -0.38 0.00	37.43 -0.30 0.00	34.50 0.14 0.00	30.24 -0.62 0.00	30.94 -0.19 0.00	32.80 0.10 0.00	36.63 -0.90 0.00	38.87 -1.92 0.00	39.68 -2.81 0.00	37.95 -2.51 0.00	36.64 -1.93 0.00	37.83 -0.73 0.00	38.70 -0.35 0.00	40.79 -0.12 0.00	42.17 0.62 0.00	44.57 0.35 0.00	46.58 -0.23 0.00	49.96 -0.20 0.00	55.13 -1.01 0.00	55.39 -0.73 0.00	52.19 -0.47 0.00	45.41 -0.60 0.00	40.83 0.88 0.00	38.13 1.64 0.00
LOCKPORT___CC3 323771	41.77 -0.38 0.00	37.43 -0.30 0.00	34.50 0.14 0.00	30.24 -0.62 0.00	30.94 -0.19 0.00	32.80 0.10 0.00	36.63 -0.90 0.00	38.87 -1.92 0.00	39.68 -2.81 0.00	37.95 -2.51 0.00	36.64 -1.93 0.00	37.83 -0.73 0.00	38.70 -0.35 0.00	40.79 -0.12 0.00	42.17 0.62 0.00	44.57 0.35 0.00	46.58 -0.23 0.00	49.96 -0.20 0.00	55.13 -1.01 0.00	55.39 -0.73 0.00	52.19 -0.47 0.00	45.41 -0.60 0.00	40.83 0.88 0.00	38.13 1.64 0.00
LOCUSVLY_69_KV_BK2 55797	45.86 3.71 0.00	41.20 3.47 0.00	37.35 2.99 0.00	33.51 2.65 0.00	33.74 2.61 0.00	35.51 2.81 0.00	40.76 3.23 0.00	44.14 3.34 0.00	45.80 3.31 0.00	44.02 3.56 0.00	41.81 3.24 0.00	41.76 3.20 0.00	42.30 3.24 0.00	43.99 3.07 0.00	44.57 3.03 0.00	47.22 3.01 0.00	50.14 3.32 0.00	53.12 2.96 0.00	59.17 3.03 0.00	59.10 2.97 0.00	55.14 2.48 0.00	48.45 2.44 0.00	42.07 2.12 0.00	38.49 2.01 0.00
LONG_LAKE_PHOENIX 24014	41.48 -0.67 0.00	37.13 -0.60 0.00	33.85 -0.52 0.00	30.36 -0.49 0.00	30.59 -0.53 0.00	32.17 -0.52 0.00	36.90 -0.64 0.00	40.06 -0.73 0.00	41.55 -0.93 0.00	39.53 -0.93 0.00	37.76 -0.81 0.00	37.79 -0.77 0.00	38.31 -0.74 0.00	40.22 -0.70 0.00	40.92 -0.62 0.00	43.55 -0.66 0.00	46.11 -0.70 0.00	49.51 -0.65 0.00	55.41 -0.73 0.00	55.40 -0.73 0.00	52.24 -0.42 0.00	45.51 -0.51 0.00	39.51 -0.44 0.00	36.12 -0.36 0.00
LOVETT___3 23632	44.51 2.36 0.00	39.96 2.23 0.00	36.25 1.89 0.00	32.55 1.70 0.00	32.80 1.68 0.00	34.50 1.80 0.00	39.56 2.03 0.00	42.91 2.12 0.00	44.74 2.25 0.00	42.68 2.23 0.00	40.65 2.08 0.00	40.57 2.01 0.00	41.13 2.07 0.00	42.96 2.05 0.00	43.49 1.95 0.00	46.30 2.08 0.00	49.06 2.25 0.00	52.02 1.86 0.00	58.22 2.08 0.00	58.03 1.91 0.00	54.50 1.84 0.00	47.71 1.70 0.00	41.43 1.48 0.00	37.76 1.28 0.00
LOVETT___4 23642	44.51 2.36 0.00	39.96 2.23 0.00	36.25 1.89 0.00	32.55 1.70 0.00	32.80 1.68 0.00	34.50 1.80 0.00	39.56 2.03 0.00	42.91 2.12 0.00	44.74 2.25 0.00	42.68 2.23 0.00	40.65 2.08 0.00	40.57 2.01 0.00	41.13 2.07 0.00	42.96 2.05 0.00	43.49 1.95 0.00	46.30 2.08 0.00	49.06 2.25 0.00	52.02 1.86 0.00	58.22 2.08 0.00	58.03 1.91 0.00	54.50 1.84 0.00	47.71 1.70 0.00	41.43 1.48 0.00	37.76 1.28 0.00
LOVETT___5 23593	44.51 2.36 0.00	39.96 2.23 0.00	36.25 1.89 0.00	32.55 1.70 0.00	32.80 1.68 0.00	34.50 1.80 0.00	39.56 2.03 0.00	42.91 2.12 0.00	44.74 2.25 0.00	42.68 2.23 0.00	40.65 2.08 0.00	40.57 2.01 0.00	41.13 2.07 0.00	42.96 2.05 0.00	43.49 1.95 0.00	46.30 2.08 0.00	49.06 2.25 0.00	52.02 1.86 0.00	58.22 2.08 0.00	58.03 1.91 0.00	54.50 1.84 0.00	47.71 1.70 0.00	41.43 1.48 0.00	37.76 1.28 0.00
LOWER RAQUET___HYD 24057	42.49 0.34 0.00	38.07 0.34 0.00	34.67 0.31 0.00	31.04 0.19 0.00	31.34 0.22 0.00	32.93 0.23 0.00	38.02 0.49 0.00	41.56 0.77 0.00	43.12 0.64 0.00	41.10 0.65 0.00	39.15 0.58 0.00	39.03 0.46 0.00	39.37 0.31 0.00	41.21 0.29 0.00	41.87 0.33 0.00	44.35 0.13 0.00	46.49 -0.33 0.00	50.16 0.00 0.00	56.37 0.23 0.00	56.57 0.45 0.00	52.98 0.32 0.00	46.79 0.78 0.00	40.79 0.84 0.00	37.07 0.58 0.00
LOWER___HUDSON 24059	43.71 1.56 0.00	39.16 1.43 0.00	35.67 1.31 0.00	32.12 1.27 0.00	32.40 1.28 0.00	34.04 1.34 0.00	38.96 1.43 0.00	42.26 1.47 0.00	43.93 1.45 0.00	41.75 1.29 0.00	39.69 1.12 0.00	39.60 1.04 0.00	40.11 1.05 0.00	41.90 0.98 0.00	42.45 0.91 0.00	45.23 1.02 0.00	47.93 1.12 0.00	51.42 1.25 0.00	57.55 1.40 0.00	57.42 1.29 0.00	54.24 1.58 0.00	47.39 1.38 0.00	41.07 1.12 0.00	37.51 1.02 0.00
LOWVILLE_115KV_TB2 356335	43.12 0.97 0.00	38.82 1.09 0.00	35.39 1.03 0.00	31.75 0.89 0.00	32.06 0.93 0.00	33.68 0.98 0.00	38.70 1.16 0.00	42.10 1.31 0.00	43.55 1.06 0.00	41.27 0.81 0.00	39.42 0.85 0.00	39.26 0.69 0.00	39.64 0.59 0.00	41.24 0.33 0.00	41.75 0.21 0.00	44.31 0.09 0.00	46.81 0.00 0.00	50.91 0.75 0.00	57.43 1.29 0.00	57.75 1.63 0.00	54.61 1.95 0.00	47.95 1.93 0.00	41.47 1.52 0.00	37.73 1.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.18 2.02 0.00	39.54 1.81 0.00	36.05 1.68 0.00	32.33 1.48 0.00	32.68 1.56 0.00	34.36 1.67 0.00	39.34 1.80 0.00	42.67 1.88 0.00	44.31 1.83 0.00	42.03 1.58 0.00	39.92 1.35 0.00	39.83 1.27 0.00	40.27 1.21 0.00	42.14 1.23 0.00	42.75 1.20 0.00	45.50 1.28 0.00	48.26 1.45 0.00	51.87 1.71 0.00	58.22 2.08 0.00	58.26 2.13 0.00	55.08 2.42 0.00	48.08 2.07 0.00	41.63 1.68 0.00	37.98 1.50 0.00

LUTHERNY_35_KV_BK2 355980	44.18 2.02 0.00	39.58 1.85 0.00	36.08 1.72 0.00	32.36 1.51 0.00	32.68 1.56 0.00	34.36 1.67 0.00	39.38 1.84 0.00	42.67 1.88 0.00	44.35 1.87 0.00	42.07 1.62 0.00	39.92 1.35 0.00	39.83 1.27 0.00	40.31 1.25 0.00	42.14 1.23 0.00	42.79 1.25 0.00	45.50 1.28 0.00	48.31 1.50 0.00	51.87 1.71 0.00	58.28 2.13 0.00	58.31 2.19 0.00	55.14 2.48 0.00	48.13 2.12 0.00	41.67 1.72 0.00	38.02 1.53 0.00
LWR___OSWEGATCHIE_HYD 23850	42.74 0.59 0.00	38.37 0.64 0.00	34.95 0.58 0.00	31.35 0.49 0.00	31.62 0.50 0.00	33.22 0.52 0.00	38.29 0.75 0.00	41.73 0.94 0.00	43.21 0.72 0.00	41.06 0.61 0.00	39.19 0.62 0.00	39.02 0.46 0.00	39.41 0.35 0.00	41.16 0.25 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.53 -0.28 0.00	50.41 0.25 0.00	56.82 0.67 0.00	57.08 0.95 0.00	53.77 1.11 0.00	47.35 1.33 0.00	41.11 1.16 0.00	37.36 0.88 0.00
LYONS_FALL_HYD 23570	43.12 0.97 0.00	38.71 0.98 0.00	35.29 0.93 0.00	31.62 0.77 0.00	31.96 0.84 0.00	33.58 0.88 0.00	38.59 1.05 0.00	41.93 1.14 0.00	43.50 1.02 0.00	41.27 0.81 0.00	39.38 0.81 0.00	39.29 0.73 0.00	39.68 0.62 0.00	41.41 0.49 0.00	41.96 0.42 0.00	44.53 0.31 0.00	47.09 0.28 0.00	50.96 0.80 0.00	57.38 1.23 0.00	57.58 1.46 0.00	54.40 1.74 0.00	47.67 1.65 0.00	41.27 1.32 0.00	37.58 1.09 0.00
MADISON___COUNTY_LFGE 323628	43.21 1.05 0.00	38.67 0.94 0.00	35.26 0.89 0.00	31.62 0.77 0.00	31.90 0.78 0.00	33.55 0.85 0.00	38.47 0.94 0.00	41.77 0.98 0.00	43.29 0.81 0.00	41.10 0.65 0.00	39.26 0.69 0.00	39.22 0.66 0.00	39.68 0.62 0.00	41.65 0.74 0.00	42.21 0.66 0.00	44.88 0.66 0.00	47.56 0.75 0.00	51.17 1.00 0.00	57.49 1.35 0.00	57.58 1.46 0.00	54.40 1.74 0.00	47.48 1.47 0.00	41.11 1.16 0.00	37.51 1.02 0.00
MALONE___115KV_TB1 356076	42.74 0.59 0.00	38.30 0.57 0.00	34.84 0.48 0.00	31.19 0.34 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.17 0.64 0.00	41.77 0.98 0.00	43.33 0.85 0.00	41.39 0.93 0.00	39.46 0.89 0.00	39.29 0.73 0.00	39.64 0.59 0.00	41.53 0.61 0.00	42.25 0.71 0.00	45.01 0.80 0.00	47.33 0.51 0.00	51.07 0.90 0.00	57.26 1.12 0.00	57.47 1.35 0.00	53.82 1.16 0.00	47.21 1.20 0.00	41.03 1.08 0.00	37.33 0.84 0.00
MAPLEWOD_115KV_TB3 80458	43.38 1.22 0.00	38.86 1.13 0.00	35.43 1.07 0.00	31.87 1.02 0.00	32.21 1.09 0.00	33.81 1.11 0.00	38.66 1.13 0.00	41.97 1.18 0.00	43.67 1.19 0.00	41.51 1.05 0.00	39.50 0.93 0.00	39.41 0.85 0.00	39.92 0.86 0.00	41.69 0.78 0.00	42.25 0.71 0.00	44.92 0.71 0.00	47.65 0.84 0.00	51.07 0.90 0.00	57.21 1.07 0.00	57.14 1.01 0.00	53.82 1.16 0.00	47.07 1.06 0.00	40.79 0.84 0.00	37.18 0.69 0.00
MAPLE_RIDGE_WT_1 323574	41.86 -0.29 0.00	37.51 -0.23 0.00	34.16 -0.20 0.00	30.64 -0.21 0.00	30.91 -0.22 0.00	32.50 -0.20 0.00	37.35 -0.19 0.00	40.67 -0.12 0.00	42.40 -0.08 0.00	40.42 -0.04 0.00	38.53 -0.04 0.00	38.48 -0.08 0.00	38.94 -0.12 0.00	40.79 -0.12 0.00	41.38 -0.17 0.00	44.00 -0.22 0.00	46.53 -0.28 0.00	49.86 -0.30 0.00	55.81 -0.33 0.00	55.79 -0.33 0.00	52.30 -0.37 0.00	45.74 -0.27 0.00	39.75 -0.20 0.00	36.34 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	41.86 -0.29 0.00	37.51 -0.23 0.00	34.16 -0.20 0.00	30.64 -0.21 0.00	30.91 -0.22 0.00	32.50 -0.20 0.00	37.35 -0.19 0.00	40.67 -0.12 0.00	42.40 -0.08 0.00	40.42 -0.04 0.00	38.53 -0.04 0.00	38.48 -0.08 0.00	38.94 -0.12 0.00	40.79 -0.12 0.00	41.38 -0.17 0.00	44.00 -0.22 0.00	46.53 -0.28 0.00	49.86 -0.30 0.00	55.81 -0.33 0.00	55.79 -0.33 0.00	52.30 -0.37 0.00	45.74 -0.27 0.00	39.75 -0.20 0.00	36.34 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	42.32 0.17 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.69 0.15 0.00	41.20 0.41 0.00	42.86 0.38 0.00	40.90 0.45 0.00	38.96 0.39 0.00	38.87 0.31 0.00	39.25 0.20 0.00	41.12 0.21 0.00	41.79 0.25 0.00	44.53 0.31 0.00	46.95 0.14 0.00	50.52 0.35 0.00	56.65 0.50 0.00	56.74 0.62 0.00	53.03 0.37 0.00	46.47 0.46 0.00	40.39 0.44 0.00	36.82 0.33 0.00
MARSHVLE_115KV_TB1 80742	44.22 2.07 0.00	39.54 1.81 0.00	36.01 1.65 0.00	32.24 1.39 0.00	32.58 1.46 0.00	34.36 1.67 0.00	39.30 1.76 0.00	42.30 1.51 0.00	43.63 1.15 0.00	41.23 0.77 0.00	39.23 0.66 0.00	39.14 0.58 0.00	39.56 0.51 0.00	41.49 0.57 0.00	41.96 0.42 0.00	44.62 0.40 0.00	47.14 0.33 0.00	50.76 0.60 0.00	57.71 1.57 0.00	58.48 2.36 0.00	55.61 2.95 0.00	48.50 2.48 0.00	41.91 1.96 0.00	38.17 1.68 0.00
MARSH_HILL_WT_PWR 323713	42.28 0.13 0.00	37.88 0.15 0.00	34.78 0.41 0.00	30.82 -0.03 0.00	31.28 0.16 0.00	33.09 0.39 0.00	37.61 0.08 0.00	40.26 -0.53 0.00	41.04 -1.44 0.00	39.00 -1.45 0.00	37.45 -1.12 0.00	38.10 -0.46 0.00	38.86 -0.19 0.00	41.00 0.08 0.00	42.17 0.62 0.00	44.70 0.49 0.00	47.14 0.33 0.00	50.66 0.50 0.00	56.65 0.50 0.00	57.31 1.18 0.00	54.35 1.68 0.00	47.35 1.34 0.00	41.83 1.88 0.00	38.46 1.97 0.00
MCINTYRE_115KV_TB2 80467	43.00 0.84 0.00	38.52 0.79 0.00	35.05 0.69 0.00	31.44 0.59 0.00	31.68 0.56 0.00	33.29 0.59 0.00	38.40 0.86 0.00	41.89 1.10 0.00	43.33 0.85 0.00	41.23 0.77 0.00	39.23 0.66 0.00	39.10 0.54 0.00	39.41 0.35 0.00	41.29 0.37 0.00	41.96 0.42 0.00	44.57 0.35 0.00	46.91 0.09 0.00	50.61 0.45 0.00	57.10 0.95 0.00	57.47 1.35 0.00	53.87 1.21 0.00	47.48 1.47 0.00	41.27 1.32 0.00	37.47 0.99 0.00
MECO_____69_KV_BK1 80468	44.93 2.78 0.00	40.18 2.45 0.00	36.66 2.30 0.00	32.80 1.94 0.00	33.15 2.02 0.00	34.95 2.26 0.00	40.05 2.51 0.00	43.20 2.41 0.00	44.65 2.17 0.00	42.20 1.74 0.00	40.07 1.50 0.00	39.95 1.39 0.00	40.38 1.33 0.00	42.35 1.43 0.00	42.91 1.37 0.00	45.63 1.41 0.00	48.36 1.54 0.00	52.22 2.06 0.00	59.23 3.09 0.00	59.77 3.65 0.00	56.61 3.95 0.00	49.33 3.31 0.00	42.55 2.60 0.00	38.75 2.26 0.00
MENANDS___115KV_TB5 355628	43.12 0.97 0.00	38.64 0.91 0.00	35.22 0.86 0.00	31.72 0.86 0.00	32.06 0.93 0.00	33.65 0.95 0.00	38.44 0.90 0.00	41.77 0.98 0.00	43.42 0.93 0.00	41.31 0.85 0.00	39.30 0.73 0.00	39.22 0.66 0.00	39.72 0.66 0.00	41.49 0.57 0.00	42.04 0.50 0.00	44.70 0.49 0.00	47.42 0.61 0.00	50.76 0.60 0.00	56.82 0.67 0.00	56.74 0.62 0.00	53.40 0.74 0.00	46.75 0.74 0.00	40.55 0.60 0.00	36.96 0.47 0.00
MG INDUSTRY___DRP 24185	43.16 1.01 0.00	38.67 0.94 0.00	35.26 0.89 0.00	31.72 0.86 0.00	32.06 0.93 0.00	33.61 0.92 0.00	38.44 0.90 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.14 0.69 0.00	39.11 0.54 0.00	39.02 0.46 0.00	39.53 0.47 0.00	41.29 0.37 0.00	41.87 0.33 0.00	44.53 0.31 0.00	47.23 0.42 0.00	50.61 0.45 0.00	56.76 0.62 0.00	56.80 0.67 0.00	53.50 0.84 0.00	46.79 0.78 0.00	40.59 0.64 0.00	37.04 0.55 0.00

MID___OSWEGATCHIE_HYD 23849	42.74 0.59 0.00	38.37 0.64 0.00	34.95 0.58 0.00	31.35 0.49 0.00	31.62 0.50 0.00	33.22 0.52 0.00	38.29 0.75 0.00	41.73 0.94 0.00	43.21 0.72 0.00	41.06 0.61 0.00	39.19 0.62 0.00	39.02 0.46 0.00	39.41 0.35 0.00	41.16 0.25 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.53 -0.28 0.00	50.41 0.25 0.00	56.82 0.67 0.00	57.08 0.95 0.00	53.77 1.11 0.00	47.35 1.33 0.00	41.11 1.16 0.00	37.36 0.88 0.00
MID___RAQUETTE_HYD 23851	42.49 0.34 0.00	38.07 0.34 0.00	34.67 0.31 0.00	31.07 0.22 0.00	31.34 0.22 0.00	32.93 0.23 0.00	38.02 0.49 0.00	41.57 0.78 0.00	43.12 0.64 0.00	41.10 0.65 0.00	39.15 0.58 0.00	39.02 0.46 0.00	39.37 0.31 0.00	41.20 0.29 0.00	41.87 0.33 0.00	44.35 0.13 0.00	46.48 -0.33 0.00	50.16 0.00 0.00	56.37 0.22 0.00	56.57 0.45 0.00	52.98 0.32 0.00	46.79 0.78 0.00	40.79 0.84 0.00	37.07 0.58 0.00
MILLIKEN___1 23584	42.83 0.67 0.00	38.33 0.60 0.00	34.98 0.62 0.00	31.32 0.46 0.00	31.56 0.44 0.00	33.22 0.52 0.00	38.10 0.56 0.00	41.32 0.53 0.00	42.65 0.17 0.00	40.54 0.08 0.00	38.72 0.15 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.04 0.50 0.00	44.79 0.57 0.00	47.42 0.61 0.00	50.96 0.80 0.00	57.15 1.01 0.00	57.30 1.18 0.00	54.08 1.42 0.00	47.12 1.10 0.00	40.91 0.96 0.00	37.44 0.95 0.00
MILLIKEN___2 23585	42.83 0.67 0.00	38.33 0.60 0.00	34.98 0.62 0.00	31.32 0.46 0.00	31.56 0.44 0.00	33.22 0.52 0.00	38.10 0.56 0.00	41.32 0.53 0.00	42.65 0.17 0.00	40.54 0.08 0.00	38.72 0.15 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.04 0.50 0.00	44.79 0.57 0.00	47.42 0.61 0.00	50.96 0.80 0.00	57.15 1.01 0.00	57.30 1.18 0.00	54.08 1.42 0.00	47.12 1.10 0.00	40.91 0.96 0.00	37.44 0.95 0.00
MILLIKEN___DIESEL 23629	42.83 0.67 0.00	38.33 0.60 0.00	34.98 0.62 0.00	31.32 0.46 0.00	31.56 0.44 0.00	33.22 0.52 0.00	38.10 0.56 0.00	41.32 0.53 0.00	42.65 0.17 0.00	40.54 0.08 0.00	38.72 0.15 0.00	38.75 0.19 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.04 0.50 0.00	44.79 0.57 0.00	47.42 0.61 0.00	50.96 0.80 0.00	57.15 1.01 0.00	57.30 1.18 0.00	54.08 1.42 0.00	47.12 1.10 0.00	40.91 0.96 0.00	37.44 0.95 0.00
MILLSEAT___LFGE 323607	42.62 0.46 0.00	38.11 0.38 0.00	35.08 0.72 0.00	30.79 -0.06 0.00	31.50 0.37 0.00	33.35 0.65 0.00	37.42 -0.11 0.00	39.85 -0.94 0.00	40.70 -1.78 0.00	38.84 -1.62 0.00	37.45 -1.12 0.00	38.48 -0.08 0.00	39.49 0.43 0.00	41.61 0.69 0.00	42.99 1.45 0.00	45.50 1.28 0.00	47.75 0.94 0.00	51.42 1.25 0.00	56.99 0.84 0.00	57.36 1.23 0.00	54.08 1.42 0.00	47.02 1.01 0.00	41.87 1.92 0.00	38.83 2.34 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	44.72 2.57 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.64 1.79 0.00	32.90 1.77 0.00	34.59 1.90 0.00	39.71 2.18 0.00	43.08 2.28 0.00	44.95 2.46 0.00	42.88 2.43 0.00	40.81 2.24 0.00	40.72 2.16 0.00	41.28 2.23 0.00	43.13 2.21 0.00	43.66 2.12 0.00	46.47 2.26 0.00	49.25 2.43 0.00	52.22 2.06 0.00	58.39 2.25 0.00	58.26 2.13 0.00	54.72 2.05 0.00	47.90 1.89 0.00	41.59 1.64 0.00	37.87 1.39 0.00
MILLWOOD_13_KV_LOAD 356217	44.81 2.66 0.00	40.18 2.45 0.00	36.46 2.10 0.00	32.70 1.85 0.00	32.96 1.84 0.00	34.69 1.99 0.00	39.79 2.25 0.00	43.16 2.37 0.00	45.07 2.59 0.00	42.92 2.47 0.00	40.88 2.31 0.00	40.80 2.24 0.00	41.32 2.27 0.00	43.17 2.25 0.00	43.74 2.20 0.00	46.56 2.34 0.00	49.34 2.53 0.00	52.32 2.16 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.82 2.16 0.00	47.99 1.98 0.00	41.63 1.68 0.00	37.95 1.46 0.00
MODEL_CITY_ENERGY 24167	41.65 -0.50 0.00	37.28 -0.45 0.00	34.36 0.00 0.00	29.96 -0.90 0.00	30.84 -0.28 0.00	32.66 -0.03 0.00	36.41 -1.13 0.00	38.47 -2.32 0.00	39.25 -3.23 0.00	37.54 -2.91 0.00	36.26 -2.31 0.00	37.44 -1.12 0.00	38.35 -0.70 0.00	40.38 -0.53 0.00	41.79 0.25 0.00	44.13 -0.09 0.00	46.11 -0.70 0.00	49.46 -0.70 0.00	54.57 -1.57 0.00	54.78 -1.35 0.00	51.61 -1.05 0.00	44.96 -1.06 0.00	40.43 0.48 0.00	37.91 1.42 0.00
MODERN_LFGE___ 323580	41.65 -0.50 0.00	37.28 -0.45 0.00	34.36 0.00 0.00	29.96 -0.90 0.00	30.84 -0.28 0.00	32.66 -0.03 0.00	36.41 -1.13 0.00	38.47 -2.32 0.00	39.25 -3.23 0.00	37.54 -2.91 0.00	36.26 -2.31 0.00	37.44 -1.12 0.00	38.35 -0.70 0.00	40.38 -0.53 0.00	41.79 0.25 0.00	44.13 -0.09 0.00	46.11 -0.70 0.00	49.46 -0.70 0.00	54.57 -1.57 0.00	54.78 -1.35 0.00	51.61 -1.05 0.00	44.96 -1.06 0.00	40.43 0.48 0.00	37.91 1.42 0.00
MOHAWK_PAPER___DRP 24187	43.38 1.22 0.00	38.86 1.13 0.00	35.43 1.07 0.00	31.87 1.02 0.00	32.21 1.09 0.00	33.81 1.11 0.00	38.66 1.13 0.00	41.97 1.18 0.00	43.67 1.19 0.00	41.51 1.05 0.00	39.50 0.93 0.00	39.41 0.85 0.00	39.92 0.86 0.00	41.69 0.78 0.00	42.25 0.71 0.00	44.92 0.71 0.00	47.65 0.84 0.00	51.07 0.90 0.00	57.21 1.07 0.00	57.14 1.01 0.00	53.82 1.16 0.00	47.07 1.06 0.00	40.79 0.84 0.00	37.18 0.69 0.00
MOHICAN___35_KV_115KV_LD 80490	44.34 2.19 0.00	39.73 2.00 0.00	36.25 1.89 0.00	32.46 1.60 0.00	32.80 1.68 0.00	34.53 1.83 0.00	39.56 2.03 0.00	42.87 2.08 0.00	44.57 2.08 0.00	42.20 1.74 0.00	39.92 1.35 0.00	39.80 1.23 0.00	40.19 1.13 0.00	42.02 1.10 0.00	42.62 1.08 0.00	45.37 1.15 0.00	48.12 1.31 0.00	51.82 1.66 0.00	58.39 2.25 0.00	58.48 2.36 0.00	55.56 2.90 0.00	48.41 2.39 0.00	41.87 1.92 0.00	38.24 1.75 0.00
MONGAUP___HYD 23641	44.47 2.32 0.00	39.84 2.11 0.00	36.11 1.75 0.00	32.42 1.57 0.00	32.68 1.56 0.00	34.40 1.70 0.00	39.45 1.91 0.00	42.67 1.88 0.00	44.40 1.91 0.00	42.20 1.74 0.00	40.15 1.58 0.00	40.03 1.46 0.00	40.58 1.52 0.00	42.43 1.51 0.00	43.08 1.54 0.00	45.94 1.72 0.00	48.87 2.06 0.00	52.12 1.95 0.00	58.55 2.41 0.00	58.48 2.36 0.00	55.03 2.37 0.00	48.03 2.02 0.00	41.63 1.68 0.00	38.02 1.53 0.00
MONTAUK___DIESEL 23721	47.25 5.10 0.00	42.37 4.64 0.00	38.35 3.99 0.00	34.34 3.49 0.00	34.42 3.30 0.00	36.20 3.50 0.00	41.14 3.60 0.00	44.87 4.08 0.00	46.52 4.04 0.00	44.91 4.45 0.00	42.58 4.01 0.00	42.53 3.97 0.00	42.96 3.91 0.00	44.60 3.68 0.00	45.28 3.74 0.00	47.71 3.49 0.00	50.93 4.12 0.00	54.13 3.96 0.00	60.41 4.27 0.00	60.56 4.43 0.00	55.24 2.58 0.00	48.41 2.39 0.00	41.39 1.44 0.00	38.31 1.82 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.86 -0.30 0.00	37.43 -0.30 0.00	34.57 0.21 0.00	30.79 -0.06 0.00	30.94 -0.19 0.00	32.70 0.00 0.00	37.20 -0.34 0.00	39.77 -1.02 0.00	40.61 -1.87 0.00	38.68 -1.78 0.00	37.68 -0.89 0.00	38.72 0.15 0.00	39.64 0.59 0.00	41.82 0.90 0.00	42.95 1.41 0.00	45.59 1.37 0.00	47.89 1.08 0.00	50.91 0.75 0.00	56.48 0.34 0.00	56.46 0.34 0.00	53.71 1.05 0.00	46.15 0.14 0.00	41.27 1.32 0.00	38.60 2.12 0.00

MORRIS_RIDGE___SOLAR 323848	41.94 -0.21 0.00	37.54 -0.19 0.00	34.47 0.10 0.00	30.54 -0.31 0.00	31.03 -0.09 0.00	32.80 0.10 0.00	37.12 -0.41 0.00	39.57 -1.22 0.00	40.27 -2.21 0.00	38.35 -2.11 0.00	36.87 -1.70 0.00	37.68 -0.89 0.00	38.43 -0.63 0.00	40.51 -0.41 0.00	41.75 0.21 0.00	44.17 -0.04 0.00	46.53 -0.28 0.00	49.91 -0.25 0.00	55.69 -0.45 0.00	56.35 0.23 0.00	53.45 0.79 0.00	46.47 0.46 0.00	41.27 1.32 0.00	38.09 1.60 0.00
MORTIMER_115KV_TB3 55949	42.11 -0.04 0.00	37.62 -0.11 0.00	34.50 0.14 0.00	30.82 -0.03 0.00	31.03 -0.09 0.00	32.76 0.07 0.00	37.31 -0.23 0.00	40.26 -0.53 0.00	41.42 -1.06 0.00	39.49 -0.97 0.00	37.95 -0.62 0.00	38.48 -0.08 0.00	39.13 0.08 0.00	41.24 0.33 0.00	42.21 0.66 0.00	44.92 0.71 0.00	47.37 0.56 0.00	50.91 0.75 0.00	56.70 0.56 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.38 0.37 0.00	40.67 0.72 0.00	37.47 0.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.15 2.99 0.00	40.48 2.75 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.86 2.16 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.41 2.93 0.00	43.33 2.87 0.00	41.23 2.66 0.00	41.15 2.58 0.00	41.71 2.66 0.00	43.58 2.66 0.00	44.16 2.62 0.00	47.00 2.79 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.22 2.21 0.00	41.87 1.92 0.00	38.09 1.61 0.00
MUNSVILLE_WIND_PWR 323609	45.02 2.87 0.00	40.22 2.49 0.00	36.70 2.34 0.00	32.80 1.94 0.00	33.21 2.09 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.48 2.69 0.00	44.56 2.08 0.00	42.16 1.70 0.00	40.31 1.74 0.00	40.30 1.74 0.00	40.74 1.68 0.00	42.96 2.04 0.00	43.62 2.08 0.00	46.34 2.12 0.00	49.15 2.34 0.00	53.02 2.86 0.00	59.85 3.70 0.00	60.05 3.93 0.00	57.03 4.37 0.00	49.79 3.77 0.00	43.11 3.16 0.00	39.34 2.85 0.00
N SALMON___HYD 24042	42.74 0.59 0.00	38.30 0.57 0.00	34.84 0.48 0.00	31.16 0.31 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.17 0.64 0.00	41.77 0.98 0.00	43.33 0.85 0.00	41.39 0.93 0.00	39.46 0.89 0.00	39.29 0.73 0.00	39.64 0.59 0.00	41.53 0.61 0.00	42.25 0.71 0.00	45.01 0.80 0.00	47.33 0.52 0.00	51.07 0.90 0.00	57.26 1.12 0.00	57.47 1.34 0.00	53.82 1.16 0.00	47.21 1.19 0.00	41.03 1.08 0.00	37.33 0.84 0.00
N.AKRON__115KV_KNAPP 355671	42.36 0.21 0.00	37.81 0.08 0.00	34.95 0.58 0.00	31.10 0.25 0.00	31.31 0.19 0.00	32.89 0.20 0.00	37.20 -0.34 0.00	39.57 -1.22 0.00	40.19 -2.29 0.00	38.39 -2.06 0.00	37.22 -1.35 0.00	38.25 -0.31 0.00	39.49 0.43 0.00	41.74 0.82 0.00	42.99 1.45 0.00	45.72 1.50 0.00	48.03 1.22 0.00	51.72 1.56 0.00	57.43 1.29 0.00	57.42 1.29 0.00	54.45 1.79 0.00	46.89 0.87 0.00	41.63 1.68 0.00	39.01 2.52 0.00
N.E_GEN_SANDY PD 24062	43.84 1.69 0.00	39.31 1.58 0.00	35.74 1.38 0.00	32.18 1.33 0.00	32.46 1.34 0.00	34.10 1.41 0.00	39.04 1.50 0.00	42.34 1.55 0.00	44.01 1.53 0.00	41.91 1.45 0.00	39.88 1.31 0.00	39.80 1.23 0.00	40.31 1.25 0.00	42.06 1.14 0.00	42.58 1.04 0.00	45.32 1.11 0.00	48.08 1.26 0.00	51.99 1.25 -0.58	56.80 1.23 0.58	57.19 1.06 0.00	53.98 1.32 0.00	47.26 1.24 0.00	40.99 1.04 0.00	37.44 0.95 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	44.60 2.44 0.00	39.99 2.26 0.00	36.29 1.92 0.00	32.58 1.73 0.00	32.87 1.74 0.00	34.56 1.86 0.00	39.60 2.06 0.00	42.95 2.16 0.00	44.82 2.34 0.00	42.76 2.31 0.00	40.69 2.12 0.00	40.64 2.08 0.00	41.20 2.15 0.00	43.04 2.13 0.00	43.58 2.04 0.00	46.43 2.21 0.00	49.20 2.39 0.00	52.17 2.01 0.00	58.39 2.25 0.00	58.20 2.08 0.00	54.66 2.00 0.00	47.85 1.84 0.00	41.55 1.60 0.00	37.84 1.35 0.00
N.QUEENS_27_KV_LOAD 356247	45.57 3.41 0.00	40.86 3.13 0.00	37.01 2.65 0.00	33.20 2.34 0.00	33.46 2.33 0.00	35.15 2.45 0.00	40.31 2.78 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.33 2.87 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.18 2.96 0.00	49.81 3.00 0.00	52.22 2.06 0.00	58.33 2.19 0.00	58.15 2.02 0.00	54.56 1.90 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.24 1.75 0.00
N.TROY___115KV_TB1 355778	43.71 1.56 0.00	39.16 1.43 0.00	35.67 1.31 0.00	32.09 1.23 0.00	32.40 1.28 0.00	34.04 1.34 0.00	38.96 1.43 0.00	42.26 1.47 0.00	43.93 1.44 0.00	41.75 1.29 0.00	39.69 1.12 0.00	39.60 1.04 0.00	40.11 1.05 0.00	41.90 0.98 0.00	42.50 0.96 0.00	45.19 0.97 0.00	47.93 1.12 0.00	51.42 1.25 0.00	57.55 1.40 0.00	57.47 1.35 0.00	54.24 1.58 0.00	47.44 1.43 0.00	41.15 1.20 0.00	37.51 1.02 0.00
NARROWS_GT1_1 24228	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT1_2 24229	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT1_3 24230	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT1_4 24231	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT1_5 24232	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00

NARROWS_GT1_6 24233	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT1_7 24234	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT1_8 24235	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_1 24236	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_2 24237	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_3 24238	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_4 24239	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_5 24240	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_6 24241	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_7 24242	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NARROWS_GT2_8 24243	45.57 3.41 -0.01	40.83 3.09 -0.01	36.91 2.54 -0.01	33.11 2.25 -0.01	33.34 2.21 -0.01	34.99 2.29 0.00	40.20 2.67 0.00	43.60 2.81 0.00	45.54 3.06 0.00	43.41 2.95 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.87 2.81 0.00	43.82 2.91 0.00	44.37 2.83 0.00	47.40 3.19 0.00	49.95 3.14 0.00	52.42 2.26 0.00	58.49 2.36 0.01	58.25 2.13 0.01	54.71 2.05 0.01	47.94 1.93 0.00	41.79 1.84 0.00	38.20 1.72 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.63 1.48 0.00	39.05 1.32 0.00	35.56 1.20 0.00	31.99 1.14 0.00	32.34 1.21 0.00	33.91 1.21 0.00	38.77 1.24 0.00	42.02 1.22 0.00	43.59 1.10 0.00	41.31 0.85 0.00	39.15 0.58 0.00	38.99 0.42 0.00	39.53 0.47 0.00	41.29 0.37 0.00	41.87 0.33 0.00	44.62 0.40 0.00	47.47 0.66 0.00	51.12 0.95 0.00	57.55 1.40 0.00	57.64 1.52 0.00	54.40 1.74 0.00	47.48 1.47 0.00	41.15 1.20 0.00	37.47 0.99 0.00
NCHELSEA_115KV_TR2 355582	44.81 2.66 0.00	40.14 2.41 0.00	36.39 2.03 0.00	32.67 1.82 0.00	32.96 1.84 0.00	34.66 1.96 0.00	39.75 2.21 0.00	43.08 2.28 0.00	44.95 2.46 0.00	42.80 2.35 0.00	40.73 2.16 0.00	40.61 2.04 0.00	41.17 2.11 0.00	43.00 2.09 0.00	43.62 2.08 0.00	46.47 2.26 0.00	49.29 2.48 0.00	52.47 2.31 0.00	58.78 2.64 0.00	58.65 2.53 0.00	55.14 2.48 0.00	48.22 2.21 0.00	41.79 1.84 0.00	38.09 1.61 0.00
NEG CAPITAL___MECHNVIL 23645	44.26 2.11 0.00	39.62 1.89 0.00	36.11 1.75 0.00	32.42 1.57 0.00	32.74 1.62 0.00	34.43 1.73 0.00	39.41 1.88 0.00	42.75 1.96 0.00	44.44 1.96 0.00	42.16 1.70 0.00	40.07 1.50 0.00	39.95 1.39 0.00	40.42 1.37 0.00	42.31 1.39 0.00	42.87 1.33 0.00	45.72 1.50 0.00	48.45 1.64 0.00	52.07 1.91 0.00	58.50 2.36 0.00	58.43 2.30 0.00	55.19 2.53 0.00	48.18 2.16 0.00	41.71 1.76 0.00	38.06 1.57 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.40 -0.76 0.00	37.01 -0.72 0.00	33.88 -0.48 0.00	30.17 -0.68 0.00	30.53 -0.59 0.00	32.17 -0.52 0.00	36.75 -0.79 0.00	39.73 -1.06 0.00	41.04 -1.44 0.00	39.08 -1.38 0.00	37.45 -1.12 0.00	37.87 -0.69 0.00	38.47 -0.58 0.00	40.47 -0.45 0.00	41.46 -0.08 0.00	44.04 -0.18 0.00	46.49 -0.33 0.00	50.01 -0.15 0.00	55.75 -0.39 0.00	55.85 -0.28 0.00	52.61 -0.05 0.00	45.83 -0.18 0.00	40.11 0.16 0.00	36.63 0.15 0.00

NEG CENTRAL___DRP 24199	42.36 0.21 0.00	37.92 0.19 0.00	34.64 0.27 0.00	30.98 0.12 0.00	31.25 0.12 0.00	32.93 0.23 0.00	37.72 0.19 0.00	40.87 0.08 0.00	42.14 -0.34 0.00	40.05 -0.40 0.00	38.34 -0.23 0.00	38.52 -0.04 0.00	39.10 0.04 0.00	41.16 0.25 0.00	41.96 0.42 0.00	44.70 0.49 0.00	47.23 0.42 0.00	50.66 0.50 0.00	56.70 0.56 0.00	56.80 0.67 0.00	53.66 1.00 0.00	46.70 0.69 0.00	40.67 0.72 0.00	37.29 0.80 0.00
NEG CENTRAL___INDECK 23768	43.46 1.31 0.00	38.86 1.13 0.00	35.63 1.27 0.00	31.59 0.74 0.00	32.06 0.93 0.00	33.87 1.18 0.00	38.51 0.97 0.00	41.16 0.37 0.00	41.93 -0.55 0.00	39.77 -0.69 0.00	38.07 -0.50 0.00	38.64 0.08 0.00	39.33 0.28 0.00	41.49 0.57 0.00	42.70 1.16 0.00	45.32 1.11 0.00	47.89 1.08 0.00	51.77 1.60 0.00	58.16 2.02 0.00	59.04 2.92 0.00	55.98 3.32 0.00	48.68 2.67 0.00	42.71 2.75 0.00	39.08 2.59 0.00
NEG CENTRAL___SENECA 23627	42.62 0.46 0.00	38.15 0.42 0.00	34.88 0.52 0.00	31.16 0.31 0.00	31.40 0.28 0.00	33.12 0.43 0.00	37.91 0.38 0.00	41.04 0.24 0.00	42.19 -0.30 0.00	40.09 -0.36 0.00	38.42 -0.15 0.00	38.72 0.15 0.00	39.29 0.23 0.00	41.41 0.49 0.00	42.29 0.75 0.00	45.06 0.84 0.00	47.56 0.75 0.00	50.96 0.80 0.00	56.98 0.84 0.00	57.14 1.01 0.00	54.03 1.37 0.00	47.02 1.01 0.00	41.07 1.12 0.00	37.69 1.20 0.00
NEG CENTRAL___STATE_STREET 24147	42.32 0.17 0.00	37.88 0.15 0.00	34.57 0.21 0.00	30.94 0.09 0.00	31.18 0.06 0.00	32.83 0.13 0.00	37.65 0.11 0.00	40.87 0.08 0.00	42.27 -0.21 0.00	40.21 -0.24 0.00	38.42 -0.15 0.00	38.48 -0.08 0.00	39.02 -0.04 0.00	41.04 0.12 0.00	41.79 0.25 0.00	44.53 0.31 0.00	47.09 0.28 0.00	50.56 0.40 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.56 0.55 0.00	40.43 0.48 0.00	36.96 0.47 0.00
NEG MILLWOOD___DRP 24198	44.89 2.74 0.00	40.26 2.53 0.00	36.53 2.16 0.00	32.77 1.91 0.00	33.02 1.90 0.00	34.76 2.06 0.00	39.86 2.33 0.00	43.24 2.45 0.00	45.12 2.63 0.00	42.92 2.47 0.00	40.84 2.28 0.00	40.76 2.20 0.00	41.28 2.23 0.00	43.17 2.25 0.00	43.74 2.20 0.00	46.60 2.39 0.00	49.39 2.57 0.00	52.57 2.41 0.00	58.78 2.64 0.00	58.65 2.53 0.00	55.19 2.53 0.00	48.22 2.21 0.00	41.83 1.88 0.00	38.13 1.64 0.00
NEG NORTH_FLCN_SEA 23793	42.79 0.63 0.00	38.30 0.57 0.00	34.84 0.48 0.00	31.22 0.37 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.14 0.60 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.35 0.89 0.00	39.42 0.85 0.00	39.29 0.73 0.00	39.64 0.59 0.00	41.57 0.65 0.00	42.25 0.71 0.00	45.06 0.84 0.00	47.47 0.66 0.00	51.12 0.95 0.00	57.32 1.18 0.00	57.47 1.35 0.00	53.71 1.05 0.00	47.07 1.06 0.00	40.91 0.96 0.00	37.29 0.80 0.00
NEG NORTH_KES_CHATEGAY 23792	42.32 0.17 0.00	37.88 0.15 0.00	34.46 0.10 0.00	30.88 0.03 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.72 0.19 0.00	41.16 0.37 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.92 0.35 0.00	38.79 0.23 0.00	39.17 0.12 0.00	41.00 0.08 0.00	41.67 0.12 0.00	44.39 0.18 0.00	46.86 0.05 0.00	50.46 0.30 0.00	56.59 0.45 0.00	56.80 0.67 0.00	53.08 0.42 0.00	46.52 0.51 0.00	40.43 0.48 0.00	36.85 0.36 0.00
NEG NORTH___ALICE_FALLS 23915	42.87 0.72 0.00	38.41 0.68 0.00	34.95 0.58 0.00	31.28 0.43 0.00	31.50 0.37 0.00	33.12 0.43 0.00	38.25 0.71 0.00	41.77 0.98 0.00	43.38 0.89 0.00	41.43 0.97 0.00	39.46 0.89 0.00	39.33 0.77 0.00	39.68 0.62 0.00	41.61 0.70 0.00	42.33 0.79 0.00	45.10 0.88 0.00	47.56 0.75 0.00	51.27 1.10 0.00	57.49 1.35 0.00	57.64 1.52 0.00	53.98 1.32 0.00	47.25 1.24 0.00	41.07 1.12 0.00	37.40 0.91 0.00
NEG NORTH___LWR_SARANAC 23913	42.87 0.72 0.00	38.41 0.68 0.00	34.95 0.58 0.00	31.28 0.43 0.00	31.50 0.37 0.00	33.12 0.43 0.00	38.25 0.71 0.00	41.77 0.98 0.00	43.38 0.89 0.00	41.43 0.97 0.00	39.46 0.89 0.00	39.33 0.77 0.00	39.68 0.62 0.00	41.61 0.70 0.00	42.33 0.79 0.00	45.10 0.88 0.00	47.56 0.75 0.00	51.27 1.10 0.00	57.49 1.35 0.00	57.64 1.52 0.00	53.98 1.32 0.00	47.25 1.24 0.00	41.07 1.12 0.00	37.40 0.91 0.00
NEG NORTH___PLATTSBURG 23628	42.87 0.72 0.00	38.41 0.68 0.00	34.95 0.58 0.00	31.25 0.40 0.00	31.50 0.37 0.00	33.12 0.42 0.00	38.25 0.71 0.00	41.77 0.98 0.00	43.38 0.89 0.00	41.43 0.97 0.00	39.46 0.89 0.00	39.33 0.77 0.00	39.68 0.62 0.00	41.61 0.69 0.00	42.33 0.79 0.00	45.10 0.88 0.00	47.56 0.75 0.00	51.26 1.10 0.00	57.49 1.35 0.00	57.64 1.52 0.00	53.98 1.32 0.00	47.26 1.24 0.00	41.07 1.12 0.00	37.40 0.91 0.00
NEG WEST_LEA_LOCKPORT 23791	41.73 -0.42 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.70 -0.15 0.00	30.84 -0.28 0.00	32.47 -0.23 0.00	36.60 -0.94 0.00	38.83 -1.96 0.00	39.42 -3.06 0.00	37.71 -2.75 0.00	36.60 -1.97 0.00	37.75 -0.81 0.00	38.59 -0.47 0.00	40.75 -0.16 0.00	41.96 0.42 0.00	44.57 0.35 0.00	46.58 -0.23 0.00	49.91 -0.25 0.00	55.13 -1.01 0.00	55.00 -1.12 0.00	52.13 -0.53 0.00	44.91 -1.10 0.00	40.27 0.32 0.00	38.13 1.64 0.00
NEG WEST___LANCASTR 23811	41.27 -0.89 0.00	36.90 -0.83 0.00	34.05 -0.31 0.00	30.33 -0.52 0.00	30.53 -0.59 0.00	32.31 -0.39 0.00	36.52 -1.01 0.00	38.83 -1.96 0.00	39.55 -2.93 0.00	37.87 -2.59 0.00	36.72 -1.85 0.00	37.71 -0.85 0.00	38.59 -0.47 0.00	40.75 -0.16 0.00	41.79 0.25 0.00	44.48 0.27 0.00	46.62 -0.19 0.00	49.81 -0.35 0.00	55.24 -0.90 0.00	55.11 -1.01 0.00	52.24 -0.42 0.00	44.91 -1.10 0.00	40.11 0.16 0.00	37.73 1.24 0.00
NEG_PENN_ALLEGHNY 23528	42.57 0.42 0.00	38.15 0.42 0.00	34.81 0.45 0.00	31.07 0.22 0.00	31.40 0.28 0.00	33.09 0.39 0.00	37.87 0.34 0.00	41.00 0.20 0.00	42.36 -0.13 0.00	40.38 -0.08 0.00	38.61 0.04 0.00	38.79 0.23 0.00	39.41 0.35 0.00	41.45 0.53 0.00	42.25 0.71 0.00	44.92 0.71 0.00	47.47 0.66 0.00	50.86 0.70 0.00	56.82 0.68 0.00	56.91 0.79 0.00	53.66 1.00 0.00	46.75 0.73 0.00	40.79 0.84 0.00	37.36 0.87 0.00
NEG___GEN_MONROE 24207	42.49 0.34 0.00	37.92 0.19 0.00	34.81 0.45 0.00	31.04 0.19 0.00	31.28 0.16 0.00	33.02 0.33 0.00	37.50 -0.04 0.00	40.34 -0.45 0.00	41.34 -1.15 0.00	39.32 -1.13 0.00	37.88 -0.69 0.00	38.41 -0.15 0.00	39.10 0.04 0.00	41.20 0.29 0.00	42.21 0.66 0.00	44.92 0.71 0.00	47.37 0.56 0.00	50.96 0.80 0.00	56.76 0.62 0.00	56.80 0.67 0.00	53.71 1.05 0.00	46.43 0.41 0.00	40.83 0.88 0.00	37.76 1.28 0.00
NEPA___ENERGY 23901	41.77 -0.38 0.00	37.35 -0.38 0.00	34.46 0.10 0.00	30.73 -0.12 0.00	30.90 -0.22 0.00	32.73 0.03 0.00	36.97 -0.56 0.00	39.49 -1.31 0.00	40.23 -2.25 0.00	38.51 -1.94 0.00	37.34 -1.23 0.00	38.33 -0.23 0.00	39.17 0.12 0.00	41.41 0.49 0.00	42.45 0.91 0.00	45.10 0.88 0.00	47.37 0.56 0.00	50.61 0.45 0.00	56.09 -0.06 0.00	56.01 -0.11 0.00	53.14 0.47 0.00	45.69 -0.32 0.00	40.79 0.84 0.00	38.20 1.71 0.00

NEVERSINK___HYD 23608	44.55 2.40 0.00	39.92 2.19 0.00	36.18 1.82 0.00	32.49 1.63 0.00	32.74 1.62 0.00	34.43 1.73 0.00	39.52 1.99 0.00	42.83 2.04 0.00	44.61 2.12 0.00	42.48 2.02 0.00	40.46 1.89 0.00	40.37 1.81 0.00	40.93 1.87 0.00	42.84 1.92 0.00	43.45 1.91 0.00	46.30 2.08 0.00	49.20 2.39 0.00	52.47 2.31 0.00	58.89 2.75 0.00	58.71 2.58 0.00	55.24 2.58 0.00	48.18 2.16 0.00	41.75 1.80 0.00	38.09 1.60 0.00
NEWKRMKL_115KV_TB1 55635	42.91 0.76 0.00	38.45 0.72 0.00	35.05 0.69 0.00	31.59 0.74 0.00	31.90 0.78 0.00	33.48 0.78 0.00	38.25 0.71 0.00	41.61 0.82 0.00	43.25 0.76 0.00	41.14 0.69 0.00	39.15 0.58 0.00	39.02 0.46 0.00	39.56 0.51 0.00	41.33 0.41 0.00	41.83 0.29 0.00	44.48 0.27 0.00	47.19 0.37 0.00	50.51 0.35 0.00	56.59 0.45 0.00	56.52 0.39 0.00	53.19 0.53 0.00	46.56 0.55 0.00	40.39 0.44 0.00	36.82 0.33 0.00
NEWTON___FALLS_HYD 23847	42.74 0.59 0.00	38.37 0.64 0.00	34.95 0.58 0.00	31.35 0.49 0.00	31.62 0.50 0.00	33.22 0.52 0.00	38.29 0.75 0.00	41.73 0.94 0.00	43.21 0.72 0.00	41.06 0.61 0.00	39.19 0.62 0.00	39.02 0.46 0.00	39.41 0.35 0.00	41.16 0.25 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.53 -0.28 0.00	50.41 0.25 0.00	56.82 0.67 0.00	57.08 0.95 0.00	53.77 1.11 0.00	47.35 1.33 0.00	41.11 1.16 0.00	37.36 0.88 0.00
NGRID_A1_DSASP 323792	40.64 -1.52 0.00	36.49 -1.24 0.00	33.64 -0.72 0.00	30.24 -0.62 0.00	30.19 -0.93 0.00	31.98 -0.72 0.00	35.81 -1.73 0.00	38.14 -2.65 0.00	38.91 -3.57 0.00	37.26 -3.20 0.00	35.95 -2.62 0.00	37.21 -1.35 0.00	38.08 -0.97 0.00	40.10 -0.82 0.00	41.50 -0.04 0.00	43.77 -0.44 0.00	45.74 -1.07 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	54.22 -1.91 0.00	51.08 -1.58 0.00	44.50 -1.52 0.00	40.07 0.12 0.00	37.18 0.69 0.00
NGRID_A2_DSASP 323793	40.64 -1.52 0.00	36.49 -1.24 0.00	33.64 -0.72 0.00	30.24 -0.62 0.00	30.19 -0.93 0.00	31.98 -0.72 0.00	35.81 -1.73 0.00	38.14 -2.65 0.00	38.91 -3.57 0.00	37.26 -3.20 0.00	35.95 -2.62 0.00	37.21 -1.35 0.00	38.08 -0.97 0.00	40.10 -0.82 0.00	41.50 -0.04 0.00	43.77 -0.44 0.00	45.74 -1.07 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	54.22 -1.91 0.00	51.08 -1.58 0.00	44.50 -1.52 0.00	40.07 0.12 0.00	37.18 0.69 0.00
NGRID_A4_DSASP 323807	40.64 -1.52 0.00	36.49 -1.24 0.00	33.64 -0.72 0.00	30.24 -0.62 0.00	30.19 -0.93 0.00	31.98 -0.72 0.00	35.81 -1.73 0.00	38.14 -2.65 0.00	38.91 -3.57 0.00	37.26 -3.20 0.00	35.95 -2.62 0.00	37.21 -1.35 0.00	38.08 -0.97 0.00	40.10 -0.82 0.00	41.50 -0.04 0.00	43.77 -0.44 0.00	45.74 -1.07 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	54.22 -1.91 0.00	51.08 -1.58 0.00	44.50 -1.52 0.00	40.07 0.12 0.00	37.18 0.69 0.00
NIAGARA_115E_LBMP 323715	41.52 -0.63 0.00	37.20 -0.53 0.00	34.29 -0.07 0.00	29.80 -1.05 0.00	30.78 -0.34 0.00	32.60 -0.10 0.00	36.26 -1.28 0.00	38.22 -2.57 0.00	39.00 -3.48 0.00	37.34 -3.11 0.00	36.02 -2.55 0.00	37.25 -1.31 0.00	38.16 -0.90 0.00	40.18 -0.74 0.00	41.58 0.04 0.00	43.86 -0.36 0.00	45.83 -0.99 0.00	49.16 -1.00 0.00	54.18 -1.97 0.00	54.44 -1.68 0.00	51.29 -1.37 0.00	44.63 -1.38 0.00	40.19 0.24 0.00	37.80 1.31 0.00
NIAGARA_115W_LBMP 323714	40.55 -1.60 0.00	36.41 -1.32 0.00	33.57 -0.79 0.00	30.20 -0.65 0.00	30.13 -1.00 0.00	31.91 -0.79 0.00	35.74 -1.80 0.00	38.06 -2.73 0.00	38.79 -3.70 0.00	37.18 -3.28 0.00	35.87 -2.70 0.00	37.10 -1.47 0.00	38.00 -1.05 0.00	39.98 -0.94 0.00	41.38 -0.17 0.00	43.69 -0.53 0.00	45.59 -1.22 0.00	48.91 -1.25 0.00	53.84 -2.30 0.00	54.05 -2.08 0.00	50.92 -1.74 0.00	44.36 -1.65 0.00	39.99 0.04 0.00	37.11 0.62 0.00
NIAGARA_230_LBMP 323716	41.14 -1.01 0.00	36.90 -0.83 0.00	33.98 -0.38 0.00	30.08 -0.77 0.00	30.50 -0.62 0.00	32.34 -0.36 0.00	36.26 -1.28 0.00	38.59 -2.20 0.00	39.38 -3.10 0.00	37.75 -2.71 0.00	36.37 -2.20 0.00	37.60 -0.96 0.00	38.47 -0.58 0.00	40.51 -0.41 0.00	41.91 0.37 0.00	44.22 0.00 0.00	46.20 -0.61 0.00	49.56 -0.60 0.00	54.57 -1.57 0.00	54.84 -1.29 0.00	51.66 -1.00 0.00	45.00 -1.01 0.00	40.47 0.52 0.00	37.58 1.09 0.00
NIAGARA___115KV_198_GIBSON 55903	40.47 -1.69 0.00	36.26 -1.47 0.00	33.54 -0.82 0.00	29.87 -0.99 0.00	30.00 -1.12 0.00	32.44 -0.26 0.00	35.66 -1.88 0.00	38.02 -2.77 0.00	38.57 -3.91 0.00	36.94 -3.52 0.00	35.87 -2.70 0.00	37.02 -1.54 0.00	37.85 -1.21 0.00	39.93 -0.98 0.00	41.17 -0.37 0.00	43.69 -0.53 0.00	45.59 -1.22 0.00	48.86 -1.30 0.00	53.84 -2.30 0.00	53.66 -2.47 0.00	50.87 -1.79 0.00	43.80 -2.21 0.00	39.39 -0.56 0.00	37.11 0.62 0.00
NIAGARA____ 23760	41.14 -1.01 0.00	36.90 -0.83 0.00	33.98 -0.38 0.00	30.08 -0.77 0.00	30.50 -0.62 0.00	32.34 -0.36 0.00	36.26 -1.28 0.00	38.59 -2.20 0.00	39.38 -3.10 0.00	37.75 -2.71 0.00	36.37 -2.20 0.00	37.60 -0.96 0.00	38.47 -0.58 0.00	40.51 -0.41 0.00	41.91 0.37 0.00	44.22 0.00 0.00	46.20 -0.61 0.00	49.56 -0.60 0.00	54.57 -1.57 0.00	54.84 -1.29 0.00	51.66 -1.00 0.00	45.00 -1.01 0.00	40.47 0.52 0.00	37.58 1.09 0.00
NINE_MILE_1 23575	40.93 -1.22 0.00	36.63 -1.10 0.00	33.40 -0.96 0.00	29.96 -0.90 0.00	30.22 -0.90 0.00	31.75 -0.95 0.00	36.41 -1.13 0.00	39.53 -1.26 0.00	41.04 -1.44 0.00	39.04 -1.42 0.00	37.26 -1.31 0.00	37.33 -1.24 0.00	37.85 -1.21 0.00	39.69 -1.23 0.00	40.38 -1.16 0.00	42.98 -1.24 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.61 -1.51 0.00	51.40 -1.26 0.00	44.86 -1.15 0.00	38.99 -0.96 0.00	35.61 -0.88 0.00
NINE_MILE_2 23744	40.93 -1.22 0.00	36.63 -1.10 0.00	33.40 -0.96 0.00	29.96 -0.90 0.00	30.22 -0.90 0.00	31.75 -0.95 0.00	36.41 -1.13 0.00	39.53 -1.26 0.00	41.04 -1.44 0.00	39.04 -1.42 0.00	37.26 -1.31 0.00	37.33 -1.24 0.00	37.85 -1.21 0.00	39.69 -1.23 0.00	40.38 -1.16 0.00	42.98 -1.24 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.61 -1.51 0.00	51.40 -1.26 0.00	44.86 -1.15 0.00	38.99 -0.96 0.00	35.61 -0.88 0.00
NM_CAPITAL___DRP 24208	43.00 0.84 0.00	38.52 0.79 0.00	35.12 0.76 0.00	31.65 0.80 0.00	31.99 0.87 0.00	33.58 0.88 0.00	38.36 0.83 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.23 0.77 0.00	39.23 0.66 0.00	39.10 0.54 0.00	39.64 0.59 0.00	41.41 0.49 0.00	41.91 0.37 0.00	44.57 0.35 0.00	47.28 0.47 0.00	50.61 0.45 0.00	56.65 0.51 0.00	56.57 0.45 0.00	53.29 0.63 0.00	46.61 0.60 0.00	40.47 0.52 0.00	36.89 0.40 0.00
NM_CENTRAL___DRP 24181	41.65 -0.51 0.00	37.28 -0.45 0.00	33.98 -0.38 0.00	30.54 -0.31 0.00	30.78 -0.34 0.00	32.31 -0.39 0.00	37.05 -0.49 0.00	40.22 -0.57 0.00	41.72 -0.76 0.00	39.73 -0.73 0.00	37.95 -0.62 0.00	37.98 -0.58 0.00	38.51 -0.55 0.00	40.47 -0.45 0.00	41.17 -0.37 0.00	43.82 -0.40 0.00	46.34 -0.47 0.00	49.76 -0.40 0.00	55.64 -0.51 0.00	55.68 -0.45 0.00	52.45 -0.21 0.00	45.69 -0.32 0.00	39.67 -0.28 0.00	36.31 -0.18 0.00

NM_FRONTIER___DRP 24179	40.47 -1.69 0.00	36.26 -1.47 0.00	33.54 -0.82 0.00	29.87 -0.99 0.00	30.00 -1.12 0.00	32.44 -0.26 0.00	35.66 -1.88 0.00	38.02 -2.77 0.00	38.57 -3.91 0.00	36.94 -3.52 0.00	35.87 -2.70 0.00	37.02 -1.54 0.00	37.85 -1.21 0.00	39.93 -0.98 0.00	41.17 -0.37 0.00	43.69 -0.53 0.00	45.59 -1.22 0.00	48.86 -1.30 0.00	53.84 -2.30 0.00	53.66 0.00 0.00	50.87 -1.79 0.00	43.80 -2.21 0.00	39.39 -0.56 0.00	37.11 0.62 0.00
NM_ST_REGIS___HYD 24053	42.57 0.42 0.00	38.15 0.42 0.00	34.74 0.38 0.00	31.13 0.28 0.00	31.37 0.25 0.00	32.99 0.29 0.00	38.06 0.53 0.00	41.65 0.86 0.00	43.21 0.72 0.00	41.18 0.73 0.00	39.26 0.69 0.00	39.14 0.58 0.00	39.45 0.39 0.00	41.33 0.41 0.00	42.00 0.46 0.00	44.57 0.35 0.00	46.72 -0.09 0.00	50.41 0.25 0.00	56.65 0.51 0.00	56.85 0.73 0.00	53.24 0.58 0.00	46.93 0.92 0.00	40.91 0.96 0.00	37.14 0.66 0.00
NORTHPORT___1 23551	45.87 3.71 -0.01	41.40 3.66 -0.01	37.50 3.13 -0.01	33.64 2.78 -0.01	33.93 2.80 -0.01	35.75 3.04 -0.01	41.00 3.45 -0.01	44.22 3.43 0.00	45.50 3.02 0.00	43.94 3.48 -0.01	41.24 2.89 0.22	41.24 2.93 0.25	41.24 2.93 0.75	41.24 2.62 2.30	41.24 2.49 2.79	41.24 2.34 5.32	41.42 2.71 8.10	42.51 2.31 9.96	47.35 2.41 11.21	42.77 2.41 15.76	42.97 1.84 11.53	41.80 1.65 5.87	40.99 1.04 0.00	38.31 1.82 0.00
NORTHPORT___2 23552	46.17 4.01 -0.01	41.59 3.85 -0.01	37.67 3.30 -0.01	33.79 2.93 -0.01	34.05 2.92 -0.01	35.88 3.17 -0.01	41.15 3.60 -0.01	44.42 3.63 0.00	45.75 3.27 0.00	44.15 3.68 -0.01	41.73 3.16 0.00	41.77 3.20 -0.01	42.26 3.20 0.00	43.82 2.91 0.00	44.32 2.78 0.00	46.91 2.70 0.00	49.85 3.04 0.00	52.87 2.71 0.00	58.95 2.81 0.00	58.93 2.81 0.00	54.87 2.21 0.00	47.99 1.98 0.00	41.27 1.32 0.00	38.49 2.01 0.00
NORTHPORT___3 23553	45.28 3.12 -0.01	40.91 3.17 -0.01	37.05 2.68 -0.01	33.24 2.38 -0.01	33.49 2.36 -0.01	35.26 2.55 -0.01	40.47 2.93 -0.01	43.81 3.02 0.00	45.03 2.55 0.00	43.58 3.12 -0.01	41.04 2.47 0.00	41.04 2.47 -0.01	41.52 2.46 0.00	42.84 1.92 0.00	43.33 1.79 0.00	45.90 1.68 0.00	48.78 1.97 0.00	51.67 1.50 0.00	57.66 1.52 0.00	57.58 1.46 0.00	53.66 1.00 0.00	46.93 0.92 0.00	40.59 0.64 0.00	38.06 1.57 0.00
NORTHPORT___4 23650	45.28 3.12 -0.01	40.91 3.17 -0.01	37.05 2.68 -0.01	33.24 2.38 -0.01	33.49 2.36 -0.01	35.26 2.55 -0.01	40.47 2.93 -0.01	43.81 3.02 0.00	45.03 2.55 0.00	43.58 3.12 -0.01	41.04 2.47 0.00	41.04 2.47 -0.01	41.52 2.46 0.00	42.84 1.92 0.00	43.33 1.79 0.00	45.90 1.68 0.00	48.78 1.97 0.00	51.67 1.50 0.00	57.66 1.52 0.00	57.58 1.46 0.00	53.66 1.00 0.00	46.93 0.92 0.00	40.59 0.64 0.00	38.06 1.57 0.00
NORTHPORT___IC 23718	45.95 3.79 0.00	41.43 3.70 0.00	37.56 3.20 0.00	33.69 2.84 0.00	33.92 2.80 0.00	35.74 3.04 0.00	41.03 3.49 0.00	44.26 3.47 0.00	45.67 3.19 0.00	44.18 3.72 0.00	41.43 3.09 0.22	41.35 3.05 0.26	41.36 3.05 0.75	41.40 2.78 2.30	41.49 2.74 2.79	41.42 2.52 5.32	41.61 2.90 8.10	42.76 2.56 9.96	47.63 2.69 11.21	43.11 2.75 15.76	43.23 2.11 11.53	42.17 2.02 5.87	41.63 1.68 0.00	38.31 1.82 0.00
NORTH___COUNTRY_ESR 323785	42.19 0.04 0.00	37.77 0.04 0.00	34.36 0.00 0.00	30.79 -0.06 0.00	31.03 -0.09 0.00	32.60 -0.10 0.00	37.61 0.08 0.00	41.12 0.32 0.00	42.78 0.30 0.00	40.86 0.40 0.00	38.92 0.35 0.00	38.79 0.23 0.00	39.17 0.12 0.00	41.04 0.12 0.00	41.71 0.17 0.00	44.44 0.22 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.54 0.40 0.00	56.63 0.50 0.00	52.93 0.26 0.00	46.38 0.37 0.00	40.31 0.36 0.00	36.75 0.26 0.00
NPX_GEN_1385_PROXY 323591	45.57 3.41 -0.01	41.14 3.40 -0.01	37.29 2.92 -0.01	33.45 2.59 -0.01	33.84 2.71 -0.01	35.75 3.04 -0.01	41.00 3.45 -0.01	44.09 3.30 0.00	45.33 2.85 0.00	43.70 3.24 -0.01	40.89 2.54 0.22	40.82 2.51 0.25	40.69 2.38 0.75	40.70 2.09 2.30	40.66 1.91 2.79	40.89 1.99 5.32	41.00 2.29 8.10	43.28 2.51 9.39	47.00 2.64 11.78	43.00 2.64 15.76	43.18 2.05 11.53	41.62 1.47 5.87	40.71 0.76 0.00	37.95 1.46 0.00
NPX_GEN_CSC 323557	46.29 4.13 -0.01	41.59 3.85 -0.01	37.64 3.27 -0.01	33.70 2.84 -0.01	33.93 2.80 -0.01	35.75 3.04 -0.01	40.96 3.42 -0.01	44.26 3.47 0.00	45.63 3.14 0.00	43.98 3.52 -0.01	41.66 3.09 0.00	41.69 3.12 -0.01	42.14 3.08 0.00	43.70 2.78 0.00	44.20 2.66 0.00	46.69 2.47 0.00	49.76 2.95 0.00	53.34 2.61 -0.58	58.32 2.75 0.58	58.93 2.81 0.00	54.66 2.00 0.00	47.76 1.75 0.00	40.67 0.72 0.00	37.87 1.39 0.00
NSINS_S_GLNS_FALLS 23858	44.26 2.11 0.00	39.65 1.92 0.00	36.18 1.82 0.00	32.43 1.57 0.00	32.77 1.65 0.00	34.50 1.80 0.00	39.49 1.95 0.00	42.79 2.00 0.00	44.52 2.04 0.00	42.16 1.70 0.00	39.84 1.27 0.00	39.72 1.16 0.00	40.11 1.05 0.00	41.94 1.02 0.00	42.54 1.00 0.00	45.28 1.06 0.00	48.08 1.26 0.00	51.72 1.56 0.00	58.28 2.13 0.00	58.37 2.24 0.00	55.45 2.79 0.00	48.31 2.30 0.00	41.83 1.88 0.00	38.17 1.68 0.00
NUCOR_STEEL___DRP 24197	42.28 0.13 0.00	37.88 0.15 0.00	34.53 0.17 0.00	30.94 0.09 0.00	31.18 0.06 0.00	32.83 0.13 0.00	37.61 0.08 0.00	40.83 0.04 0.00	42.23 -0.25 0.00	40.17 -0.28 0.00	38.38 -0.19 0.00	38.45 -0.12 0.00	38.98 -0.08 0.00	41.00 0.08 0.00	41.71 0.17 0.00	44.44 0.22 0.00	47.00 0.19 0.00	50.51 0.35 0.00	56.53 0.39 0.00	56.57 0.45 0.00	53.40 0.74 0.00	46.52 0.51 0.00	40.39 0.44 0.00	36.96 0.47 0.00
NUMBER_THREE_WT_PWR 323818	43.08 0.93 0.00	38.83 1.09 0.00	35.36 1.00 0.00	31.69 0.83 0.00	32.03 0.90 0.00	33.68 0.98 0.00	38.70 1.16 0.00	42.06 1.27 0.00	43.55 1.06 0.00	41.27 0.81 0.00	39.38 0.81 0.00	39.22 0.65 0.00	39.64 0.59 0.00	41.21 0.29 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.76 -0.05 0.00	50.92 0.75 0.00	57.43 1.29 0.00	57.75 1.63 0.00	54.61 1.95 0.00	47.94 1.93 0.00	41.47 1.52 0.00	37.73 1.24 0.00
NYISO_LBMP_REFERENCE 24008	42.15 0.00 0.00	37.73 0.00 0.00	34.36 0.00 0.00	30.85 0.00 0.00	31.12 0.00 0.00	32.70 0.00 0.00	37.54 0.00 0.00	40.79 0.00 0.00	42.48 0.00 0.00	40.46 0.00 0.00	38.57 0.00 0.00	38.56 0.00 0.00	39.06 0.00 0.00	40.92 0.00 0.00	41.54 0.00 0.00	44.22 0.00 0.00	46.81 0.00 0.00	50.16 0.00 0.00	56.14 0.00 0.00	56.12 0.00 0.00	52.66 0.00 0.00	46.01 0.00 0.00	39.95 0.00 0.00	36.49 0.00 0.00
NYPA_BRENTWD____GT 24164	46.63 4.47 -0.01	41.96 4.22 -0.01	38.01 3.64 -0.01	34.07 3.21 -0.01	34.34 3.21 -0.01	36.17 3.46 -0.01	41.48 3.94 -0.01	44.79 4.00 0.00	46.14 3.65 0.00	44.47 4.01 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.61 3.55 0.00	44.19 3.27 0.00	44.74 3.20 0.00	47.27 3.05 0.00	50.32 3.51 0.00	53.32 3.16 0.00	59.57 3.43 0.00	59.55 3.42 0.00	55.40 2.74 0.00	48.45 2.44 0.00	41.59 1.64 0.00	38.75 2.26 0.00

OAKDALE___35_KV_LOAD 356122	42.41 0.25 0.00	37.96 0.23 0.00	34.67 0.31 0.00	31.04 0.19 0.00	31.28 0.16 0.00	32.96 0.26 0.00	37.69 0.15 0.00	40.79 0.00 0.00	42.14 -0.34 0.00	40.17 -0.28 0.00	38.45 -0.12 0.00	38.64 0.08 0.00	39.21 0.16 0.00	41.24 0.33 0.00	42.00 0.46 0.00	44.70 0.49 0.00	47.23 0.42 0.00	50.61 0.45 0.00	56.53 0.39 0.00	56.57 0.45 0.00	53.35 0.68 0.00	46.43 0.41 0.00	40.51 0.56 0.00	37.18 0.69 0.00
OCC_CHEM___DRP 24175	40.59 -1.56 0.00	36.33 -1.40 0.00	33.61 -0.76 0.00	29.93 -0.93 0.00	30.10 -1.03 0.00	32.47 -0.23 0.00	35.77 -1.76 0.00	38.14 -2.65 0.00	38.66 -3.82 0.00	37.02 -3.44 0.00	35.95 -2.62 0.00	37.14 -1.43 0.00	37.92 -1.13 0.00	40.06 -0.86 0.00	41.25 -0.29 0.00	43.77 -0.44 0.00	45.73 -1.08 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	53.82 -2.30 0.00	51.03 -1.63 0.00	43.94 -2.07 0.00	39.51 -0.44 0.00	37.18 0.69 0.00
OH_GEN_PROXY 24063	41.14 -1.01 0.00	36.90 -0.83 0.00	33.98 -0.38 0.00	30.05 -0.80 0.00	30.50 -0.62 0.00	32.31 -0.39 0.00	36.26 -1.28 0.00	38.63 -2.16 0.00	39.47 -3.02 0.00	37.79 -2.67 0.00	36.45 -2.12 0.00	37.64 -0.93 0.00	38.51 -0.55 0.00	40.51 -0.41 0.00	41.91 0.37 0.00	44.26 0.04 0.00	46.30 -0.51 0.00	50.19 -0.55 -0.58	54.11 -1.46 0.58	54.89 -1.24 0.00	51.72 -0.95 0.00	45.04 -0.97 0.00	40.47 0.52 0.00	37.55 1.06 0.00
OLIN_CORP_DRP 24177	41.44 -0.72 0.00	37.05 -0.68 0.00	34.26 -0.10 0.00	30.51 -0.34 0.00	30.69 -0.44 0.00	32.08 -0.62 0.00	36.22 -1.31 0.00	38.30 -2.49 0.00	38.87 -3.61 0.00	37.18 -3.28 0.00	36.10 -2.47 0.00	37.25 -1.31 0.00	38.08 -0.98 0.00	40.22 -0.70 0.00	41.42 -0.12 0.00	44.00 -0.22 0.00	45.92 -0.89 0.00	49.21 -0.95 0.00	54.29 -1.85 0.00	54.16 -1.96 0.00	51.34 -1.32 0.00	44.22 -1.79 0.00	39.71 -0.24 0.00	37.84 1.35 0.00
OLIN_CORP_DSASP 323712	40.64 -1.52 0.00	36.49 -1.24 0.00	33.64 -0.72 0.00	30.24 -0.62 0.00	30.19 -0.93 0.00	31.98 -0.72 0.00	35.81 -1.73 0.00	38.14 -2.65 0.00	38.91 -3.57 0.00	37.26 -3.20 0.00	35.95 -2.62 0.00	37.21 -1.35 0.00	38.08 -0.97 0.00	40.10 -0.82 0.00	41.50 -0.04 0.00	43.77 -0.44 0.00	45.74 -1.07 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	54.22 -1.91 0.00	51.08 -1.58 0.00	44.50 -1.52 0.00	40.07 0.12 0.00	37.18 0.69 0.00
ONEIDA_HERK_LFGE 323681	43.12 0.97 0.00	38.67 0.94 0.00	35.25 0.89 0.00	31.59 0.74 0.00	31.93 0.81 0.00	33.55 0.85 0.00	38.51 0.97 0.00	41.89 1.10 0.00	42.86 0.38 0.00	40.78 0.32 0.00	38.88 0.31 0.00	38.83 0.27 0.00	39.29 0.24 0.00	41.21 0.29 0.00	41.75 0.21 0.00	44.66 0.44 0.00	47.28 0.47 0.00	51.01 0.85 0.00	57.38 1.23 0.00	57.53 1.40 0.00	54.30 1.63 0.00	47.58 1.57 0.00	41.15 1.20 0.00	37.51 1.02 0.00
ONEIDA___115KV_TB4 55905	43.21 1.05 0.00	38.67 0.94 0.00	35.26 0.89 0.00	31.62 0.77 0.00	31.90 0.78 0.00	33.55 0.85 0.00	38.47 0.94 0.00	41.77 0.98 0.00	43.29 0.81 0.00	41.10 0.65 0.00	39.26 0.69 0.00	39.22 0.66 0.00	39.68 0.62 0.00	41.65 0.74 0.00	42.21 0.66 0.00	44.88 0.66 0.00	47.56 0.75 0.00	51.17 1.00 0.00	57.49 1.35 0.00	57.58 1.46 0.00	54.40 1.74 0.00	47.48 1.47 0.00	41.11 1.16 0.00	37.51 1.02 0.00
ONONDAGA_REF_OCCRA 23987	41.86 -0.30 0.00	37.47 -0.26 0.00	34.16 -0.21 0.00	30.64 -0.22 0.00	30.90 -0.22 0.00	32.47 -0.23 0.00	37.24 -0.30 0.00	40.42 -0.37 0.00	41.89 -0.59 0.00	39.89 -0.57 0.00	38.11 -0.46 0.00	38.14 -0.42 0.00	38.67 -0.39 0.00	40.63 -0.29 0.00	41.33 -0.21 0.00	44.00 -0.22 0.00	46.58 -0.23 0.00	50.01 -0.15 0.00	55.92 -0.22 0.00	55.96 -0.17 0.00	52.71 0.05 0.00	45.92 -0.09 0.00	39.87 -0.08 0.00	36.45 -0.04 0.00
ONONDAGA___COGEN 23986	41.94 -0.21 0.00	37.54 -0.19 0.00	34.22 -0.14 0.00	30.70 -0.15 0.00	30.94 -0.19 0.00	32.53 -0.16 0.00	37.31 -0.23 0.00	40.51 -0.29 0.00	41.97 -0.51 0.00	39.97 -0.49 0.00	38.18 -0.39 0.00	38.21 -0.35 0.00	38.74 -0.31 0.00	40.71 -0.20 0.00	41.42 -0.12 0.00	44.08 -0.13 0.00	46.67 -0.14 0.00	50.06 -0.10 0.00	56.03 -0.11 0.00	56.07 -0.06 0.00	52.82 0.16 0.00	46.01 0.00 0.00	39.95 0.00 0.00	36.52 0.04 0.00
ONTARIO___LFGE 23819	42.66 0.51 0.00	38.18 0.45 0.00	34.88 0.52 0.00	31.07 0.22 0.00	31.43 0.31 0.00	33.15 0.46 0.00	37.95 0.41 0.00	41.04 0.25 0.00	42.23 -0.25 0.00	40.18 -0.28 0.00	38.45 -0.12 0.00	38.76 0.19 0.00	39.33 0.28 0.00	41.45 0.53 0.00	42.37 0.83 0.00	45.06 0.84 0.00	47.56 0.75 0.00	50.96 0.80 0.00	56.99 0.84 0.00	57.25 1.12 0.00	54.03 1.37 0.00	47.21 1.19 0.00	41.23 1.28 0.00	37.69 1.20 0.00
ORANGEVILLE_WT_PWR 323706	41.73 -0.42 0.00	37.35 -0.38 0.00	34.36 0.00 0.00	30.39 -0.46 0.00	30.91 -0.22 0.00	32.70 0.00 0.00	36.90 -0.64 0.00	39.28 -1.51 0.00	40.06 -2.42 0.00	38.23 -2.23 0.00	36.83 -1.73 0.00	37.75 -0.81 0.00	38.59 -0.47 0.00	40.67 -0.24 0.00	42.00 0.46 0.00	44.39 0.18 0.00	46.62 -0.19 0.00	50.01 -0.15 0.00	55.58 -0.56 0.00	56.07 -0.06 0.00	53.08 0.42 0.00	46.15 0.14 0.00	41.15 1.20 0.00	38.09 1.60 0.00
ORANGEVILLE___ESR 323794	41.73 -0.42 0.00	37.35 -0.38 0.00	34.36 0.00 0.00	30.39 -0.46 0.00	30.91 -0.22 0.00	32.70 0.00 0.00	36.90 -0.64 0.00	39.28 -1.51 0.00	40.06 -2.42 0.00	38.23 -2.23 0.00	36.83 -1.73 0.00	37.75 -0.81 0.00	38.59 -0.47 0.00	40.67 -0.24 0.00	42.00 0.46 0.00	44.39 0.18 0.00	46.62 -0.19 0.00	50.01 -0.15 0.00	55.58 -0.56 0.00	56.07 -0.06 0.00	53.08 0.42 0.00	46.15 0.14 0.00	41.15 1.20 0.00	38.09 1.60 0.00
OSWEGATCHIE___HYD 24044	42.79 0.63 0.00	38.37 0.64 0.00	34.95 0.58 0.00	31.32 0.46 0.00	31.62 0.50 0.00	33.25 0.56 0.00	38.29 0.75 0.00	41.73 0.94 0.00	43.20 0.72 0.00	41.06 0.61 0.00	39.18 0.62 0.00	39.03 0.46 0.00	39.41 0.35 0.00	41.16 0.25 0.00	41.75 0.21 0.00	44.26 0.04 0.00	46.53 -0.28 0.00	50.41 0.25 0.00	56.82 0.68 0.00	57.08 0.95 0.00	53.77 1.11 0.00	47.35 1.34 0.00	41.11 1.16 0.00	37.36 0.87 0.00
OSWEGO___5 23606	41.23 -0.93 0.00	36.90 -0.83 0.00	33.67 -0.69 0.00	30.17 -0.68 0.00	30.44 -0.68 0.00	32.01 -0.69 0.00	36.67 -0.86 0.00	39.81 -0.98 0.00	41.34 -1.15 0.00	39.37 -1.09 0.00	37.57 -1.00 0.00	37.64 -0.93 0.00	38.16 -0.90 0.00	40.02 -0.90 0.00	40.71 -0.83 0.00	43.33 -0.88 0.00	45.83 -0.99 0.00	49.21 -0.95 0.00	55.02 -1.12 0.00	55.06 -1.07 0.00	51.82 -0.84 0.00	45.23 -0.78 0.00	39.31 -0.64 0.00	35.90 -0.59 0.00
OSWEGO___6 23613	41.23 -0.93 0.00	36.90 -0.83 0.00	33.67 -0.69 0.00	30.17 -0.68 0.00	30.44 -0.68 0.00	32.01 -0.69 0.00	36.67 -0.86 0.00	39.81 -0.98 0.00	41.34 -1.15 0.00	39.37 -1.09 0.00	37.57 -1.00 0.00	37.64 -0.93 0.00	38.16 -0.90 0.00	40.02 -0.90 0.00	40.71 -0.83 0.00	43.33 -0.88 0.00	45.83 -0.99 0.00	49.21 -0.95 0.00	55.02 -1.12 0.00	55.06 -1.07 0.00	51.82 -0.84 0.00	45.23 -0.78 0.00	39.31 -0.64 0.00	35.90 -0.59 0.00

OUTOKUMPU-AB___DRP 24206	41.69 -0.46 0.00	37.28 -0.45 0.00	34.46 0.10 0.00	30.67 -0.19 0.00	30.84 -0.28 0.00	32.83 0.13 0.00	36.67 -0.86 0.00	39.08 -1.71 0.00	39.68 -2.80 0.00	37.95 -2.51 0.00	36.87 -1.70 0.00	38.02 -0.54 0.00	38.90 -0.16 0.00	41.08 0.16 0.00	42.25 0.71 0.00	44.88 0.66 0.00	46.95 0.14 0.00	50.26 0.10 0.00	55.58 -0.56 0.00	55.40 -0.73 0.00	52.50 -0.16 0.00	45.14 -0.87 0.00	40.51 0.56 0.00	38.17 1.68 0.00
OXBOW___BTM 323836	41.27 -0.89 0.00	37.01 -0.72 0.00	34.12 -0.24 0.00	30.45 -0.40 0.00	30.62 -0.50 0.00	32.40 -0.29 0.00	36.33 -1.20 0.00	38.67 -2.12 0.00	39.47 -3.02 0.00	37.79 -2.67 0.00	36.52 -2.05 0.00	37.75 -0.81 0.00	38.67 -0.39 0.00	40.71 -0.20 0.00	42.08 0.54 0.00	44.44 0.22 0.00	46.44 -0.38 0.00	49.81 -0.35 0.00	54.91 -1.24 0.00	55.12 -1.01 0.00	51.92 -0.74 0.00	45.19 -0.83 0.00	40.67 0.72 0.00	37.76 1.28 0.00
OXBOW___ 24026	41.23 -0.93 0.00	36.86 -0.87 0.00	34.09 -0.27 0.00	30.36 -0.49 0.00	30.50 -0.62 0.00	32.70 0.00 0.00	36.26 -1.28 0.00	38.67 -2.12 0.00	39.25 -3.23 0.00	37.54 -2.91 0.00	36.49 -2.08 0.00	37.64 -0.93 0.00	38.51 -0.55 0.00	40.67 -0.25 0.00	41.87 0.33 0.00	44.44 0.22 0.00	46.44 -0.37 0.00	49.76 -0.40 0.00	54.91 -1.24 0.00	54.72 -1.40 0.00	51.87 -0.79 0.00	44.63 -1.38 0.00	40.11 0.16 0.00	37.76 1.28 0.00
OXY_CHEM_DSASP 323612	40.59 -1.56 0.00	36.33 -1.40 0.00	33.61 -0.76 0.00	29.93 -0.93 0.00	30.10 -1.03 0.00	32.47 -0.23 0.00	35.77 -1.76 0.00	38.14 -2.65 0.00	38.66 -3.82 0.00	37.02 -3.44 0.00	35.95 -2.62 0.00	37.14 -1.43 0.00	37.92 -1.13 0.00	40.06 -0.86 0.00	41.25 -0.29 0.00	43.77 -0.44 0.00	45.73 -1.08 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	53.82 -2.30 0.00	51.03 -1.63 0.00	43.94 -2.07 0.00	39.51 -0.44 0.00	37.18 0.69 0.00
OZONE_PARK_ESR 323760	45.65 3.50 0.00	40.90 3.17 0.00	37.01 2.65 0.00	33.17 2.31 0.00	33.43 2.30 0.00	35.18 2.49 0.00	40.46 2.93 0.00	43.93 3.14 0.00	45.88 3.40 0.00	43.77 3.32 0.00	41.62 3.05 0.00	41.57 3.01 0.00	42.14 3.09 0.00	44.07 3.15 0.00	44.62 3.07 0.00	47.53 3.32 0.00	50.32 3.51 0.00	53.17 3.01 0.00	59.45 3.31 0.00	59.27 3.14 0.00	55.61 2.95 0.00	48.73 2.71 0.00	42.27 2.32 0.00	38.46 1.97 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.59 -1.56 0.00	36.33 -1.40 0.00	33.61 -0.76 0.00	29.93 -0.93 0.00	30.10 -1.03 0.00	32.47 -0.23 0.00	35.77 -1.76 0.00	38.14 -2.65 0.00	38.66 -3.82 0.00	37.02 -3.44 0.00	35.95 -2.62 0.00	37.14 -1.43 0.00	37.92 -1.13 0.00	40.06 -0.86 0.00	41.25 -0.29 0.00	43.77 -0.44 0.00	45.73 -1.08 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	53.82 -2.30 0.00	51.03 -1.63 0.00	43.94 -2.07 0.00	39.51 -0.44 0.00	37.18 0.69 0.00
PACKARD___115KV_DUPONT_184 80571	40.59 -1.56 0.00	36.33 -1.40 0.00	33.61 -0.76 0.00	29.93 -0.93 0.00	30.10 -1.03 0.00	32.47 -0.23 0.00	35.77 -1.76 0.00	38.14 -2.65 0.00	38.66 -3.82 0.00	37.02 -3.44 0.00	35.95 -2.62 0.00	37.14 -1.43 0.00	37.92 -1.13 0.00	40.06 -0.86 0.00	41.25 -0.29 0.00	43.77 -0.44 0.00	45.73 -1.08 0.00	49.01 -1.15 0.00	54.01 -2.13 0.00	53.82 -2.30 0.00	51.03 -1.63 0.00	43.94 -2.07 0.00	39.51 -0.44 0.00	37.18 0.69 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.40 3.25 0.00	40.67 2.94 0.00	36.87 2.51 0.00	33.07 2.22 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.13 2.59 0.00	43.40 2.61 0.00	45.33 2.85 0.00	43.21 2.75 0.00	41.08 2.51 0.00	41.03 2.47 0.00	41.60 2.54 0.00	43.54 2.62 0.00	44.08 2.53 0.00	47.00 2.79 0.00	49.62 2.81 0.00	52.07 1.91 0.00	58.16 2.02 0.00	57.98 1.85 0.00	54.40 1.74 0.00	47.90 1.89 0.00	41.71 1.76 0.00	38.06 1.57 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.12 3.96 0.00	41.39 3.66 0.00	37.45 3.09 0.00	33.60 2.75 0.00	33.83 2.71 0.00	35.51 2.81 0.00	40.73 3.19 0.00	43.97 3.18 0.00	45.88 3.40 0.00	43.69 3.24 0.00	41.50 2.93 0.00	41.45 2.89 0.00	41.99 2.93 0.00	43.94 3.03 0.00	44.53 2.99 0.00	47.49 3.27 0.00	50.14 3.32 0.00	52.67 2.51 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.41 2.39 0.00	42.23 2.28 0.00	38.53 2.04 0.00
PATROON___115KV_TB1 80586	43.04 0.89 0.00	38.56 0.83 0.00	35.15 0.79 0.00	31.65 0.80 0.00	31.99 0.87 0.00	33.58 0.88 0.00	38.36 0.83 0.00	41.73 0.94 0.00	43.38 0.89 0.00	41.27 0.81 0.00	39.26 0.69 0.00	39.14 0.58 0.00	39.68 0.62 0.00	41.45 0.53 0.00	41.96 0.42 0.00	44.66 0.44 0.00	47.33 0.51 0.00	50.71 0.55 0.00	56.82 0.67 0.00	56.69 0.56 0.00	53.40 0.74 0.00	46.70 0.69 0.00	40.51 0.56 0.00	36.93 0.44 0.00
PATTRSNVILLE___SOLAR 323815	43.67 1.52 0.00	39.09 1.36 0.00	35.60 1.24 0.00	31.96 1.11 0.00	32.27 1.15 0.00	33.91 1.21 0.00	38.85 1.31 0.00	42.06 1.27 0.00	43.59 1.10 0.00	41.35 0.89 0.00	39.34 0.77 0.00	39.26 0.69 0.00	39.72 0.66 0.00	41.57 0.65 0.00	42.12 0.58 0.00	44.84 0.62 0.00	47.51 0.70 0.00	51.01 0.85 0.00	57.49 1.35 0.00	57.64 1.52 0.00	54.45 1.79 0.00	47.53 1.52 0.00	41.15 1.20 0.00	37.58 1.09 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.60 -0.55 0.00	37.16 -0.57 0.00	34.33 -0.03 0.00	30.57 -0.28 0.00	30.75 -0.37 0.00	32.53 -0.16 0.00	36.75 -0.79 0.00	39.12 -1.67 0.00	39.81 -2.68 0.00	38.11 -2.35 0.00	36.99 -1.58 0.00	38.02 -0.54 0.00	38.94 -0.12 0.00	41.16 0.25 0.00	42.25 0.71 0.00	44.92 0.71 0.00	47.05 0.23 0.00	50.31 0.15 0.00	55.75 -0.39 0.00	55.56 -0.56 0.00	52.66 0.00 0.00	45.28 -0.74 0.00	40.47 0.52 0.00	38.09 1.61 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.89 2.74 0.00	40.26 2.53 0.00	36.53 2.16 0.00	32.77 1.91 0.00	33.02 1.90 0.00	34.76 2.06 0.00	39.86 2.33 0.00	43.24 2.45 0.00	45.12 2.63 0.00	42.92 2.47 0.00	40.84 2.28 0.00	40.76 2.20 0.00	41.28 2.23 0.00	43.17 2.25 0.00	43.74 2.20 0.00	46.60 2.39 0.00	49.39 2.57 0.00	52.57 2.41 0.00	58.78 2.64 0.00	58.65 2.53 0.00	55.19 2.53 0.00	48.22 2.21 0.00	41.83 1.88 0.00	38.13 1.64 0.00
PEEKSKILL___ 23653	44.64 2.49 0.00	40.03 2.30 0.00	36.29 1.92 0.00	32.61 1.76 0.00	32.86 1.74 0.00	34.56 1.86 0.00	39.67 2.14 0.00	43.03 2.24 0.00	44.86 2.38 0.00	42.76 2.30 0.00	40.73 2.16 0.00	40.64 2.08 0.00	41.20 2.15 0.00	43.04 2.13 0.00	43.58 2.04 0.00	46.43 2.21 0.00	49.20 2.39 0.00	52.17 2.01 0.00	58.33 2.19 0.00	58.14 2.02 0.00	54.66 2.00 0.00	47.76 1.75 0.00	41.43 1.48 0.00	37.84 1.35 0.00
PGE MADISON___WINDPWR 24146	45.02 2.87 0.00	40.22 2.49 0.00	36.70 2.34 0.00	32.80 1.94 0.00	33.21 2.09 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.48 2.69 0.00	44.56 2.08 0.00	42.16 1.70 0.00	40.31 1.74 0.00	40.30 1.74 0.00	40.74 1.68 0.00	42.96 2.04 0.00	43.62 2.08 0.00	46.34 2.12 0.00	49.15 2.34 0.00	53.02 2.86 0.00	59.85 3.70 0.00	60.05 3.93 0.00	57.03 4.37 0.00	49.79 3.77 0.00	43.11 3.16 0.00	39.34 2.85 0.00

PIERCEFIELD___HYD 23852	42.49 0.34 0.00	38.07 0.34 0.00	34.67 0.31 0.00	31.07 0.22 0.00	31.34 0.22 0.00	32.93 0.23 0.00	38.02 0.49 0.00	41.57 0.78 0.00	43.12 0.64 0.00	41.10 0.65 0.00	39.15 0.58 0.00	39.02 0.46 0.00	39.37 0.31 0.00	41.20 0.29 0.00	41.87 0.33 0.00	44.35 0.13 0.00	46.48 -0.33 0.00	50.16 0.00 0.00	56.37 0.22 0.00	56.57 0.45 0.00	52.98 0.32 0.00	46.79 0.78 0.00	40.79 0.84 0.00	37.07 0.58 0.00
PINELAWN_CC_1 323563	46.21 4.05 -0.01	41.55 3.81 -0.01	37.64 3.27 -0.01	33.76 2.90 -0.01	34.03 2.89 -0.01	35.81 3.11 -0.01	41.11 3.57 -0.01	44.42 3.63 0.00	45.80 3.32 0.00	44.11 3.64 -0.01	41.77 3.20 0.00	41.77 3.20 -0.01	42.26 3.20 0.00	43.86 2.95 0.00	44.37 2.83 0.00	46.96 2.74 0.00	49.95 3.14 0.00	52.92 2.76 0.00	59.12 2.97 0.00	59.10 2.97 0.00	55.03 2.37 0.00	48.13 2.12 0.00	41.47 1.52 0.00	38.57 2.08 0.00
PJM_GEN_HTTP_PROXY 323702	45.10 2.95 0.00	40.45 2.72 0.00	36.59 2.23 0.00	32.83 1.98 0.00	33.08 1.96 0.00	34.82 2.12 0.00	40.05 2.52 0.00	43.48 2.69 0.00	45.37 2.89 0.00	43.29 2.83 0.00	41.23 2.66 0.00	41.15 2.58 0.00	41.67 2.62 0.00	43.57 2.66 0.00	44.12 2.58 0.00	46.96 2.74 0.00	49.71 2.90 0.00	53.15 2.41 -0.58	58.21 2.64 0.58	58.54 2.41 0.00	54.98 2.31 0.00	48.13 2.12 0.00	41.71 1.76 0.00	38.06 1.57 0.00
PJM_GEN_KEystone 24065	42.91 0.76 0.00	38.48 0.75 0.00	35.12 0.76 0.00	31.34 0.49 0.00	31.68 0.56 0.00	33.45 0.75 0.00	38.10 0.56 0.00	41.08 0.29 0.00	42.44 -0.04 0.00	40.58 0.12 0.00	38.84 0.27 0.00	39.22 0.65 0.00	39.91 0.86 0.00	41.86 0.94 0.00	42.70 1.16 0.00	45.32 1.11 0.00	47.84 1.03 0.00	51.49 0.75 -0.58	56.07 0.50 0.58	56.63 0.50 0.00	53.34 0.68 0.00	46.52 0.51 0.00	40.83 0.88 0.00	37.51 1.02 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.53 3.37 -0.01	40.91 3.17 -0.01	37.08 2.71 -0.01	33.27 2.41 -0.01	33.53 2.40 -0.01	35.29 2.58 -0.01	40.55 3.00 -0.01	43.85 3.06 0.00	45.29 2.80 0.00	43.62 3.16 -0.01	41.31 2.74 0.00	41.31 2.74 -0.01	41.79 2.73 0.00	43.37 2.45 0.00	43.87 2.32 0.00	46.51 2.30 0.00	49.38 2.57 0.00	52.89 2.16 -0.58	57.81 2.25 0.58	58.31 2.19 0.00	54.40 1.74 0.00	47.58 1.57 0.00	41.07 1.12 0.00	38.17 1.68 0.00
PJM_GEN_VFT_PROXY 323633	44.98 2.82 0.00	40.30 2.57 0.00	36.46 2.10 0.00	32.70 1.85 0.00	32.96 1.84 0.00	34.69 1.99 0.00	39.90 2.37 0.00	43.36 2.37 0.00	45.24 2.76 0.00	43.21 2.75 0.00	41.11 2.54 0.00	41.03 2.47 0.00	41.56 2.50 0.00	43.45 2.54 0.00	43.99 2.45 0.00	46.83 2.61 0.00	49.57 2.76 0.00	52.89 2.16 -0.58	57.98 2.41 0.58	58.26 2.13 0.00	54.71 2.05 0.00	47.94 1.93 0.00	41.55 1.60 0.00	37.91 1.42 0.00
PLATSBURG_115KV_PMLD1 355749	42.74 0.59 0.00	38.26 0.53 0.00	34.81 0.45 0.00	31.19 0.34 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.10 0.56 0.00	41.65 0.86 0.00	43.29 0.81 0.00	41.31 0.85 0.00	39.38 0.81 0.00	39.26 0.69 0.00	39.64 0.59 0.00	41.53 0.61 0.00	42.21 0.66 0.00	45.01 0.80 0.00	47.47 0.66 0.00	51.12 0.95 0.00	57.26 1.12 0.00	57.42 1.29 0.00	53.66 1.00 0.00	47.02 1.01 0.00	40.87 0.92 0.00	37.25 0.77 0.00
PLEASANTVLY___LBMP 24000	44.26 2.11 0.00	39.69 1.96 0.00	36.01 1.65 0.00	32.36 1.51 0.00	32.62 1.49 0.00	34.30 1.60 0.00	39.34 1.80 0.00	42.67 1.88 0.00	44.48 2.00 0.00	42.40 1.94 0.00	40.34 1.77 0.00	40.26 1.70 0.00	40.81 1.76 0.00	42.59 1.68 0.00	43.16 1.62 0.00	45.94 1.72 0.00	48.68 1.87 0.00	51.77 1.61 0.00	57.88 1.74 0.00	57.75 1.63 0.00	54.29 1.63 0.00	47.58 1.56 0.00	41.27 1.32 0.00	37.62 1.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	44.64 2.49 0.00	40.03 2.30 0.00	36.29 1.92 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.53 1.83 0.00	39.64 2.10 0.00	43.04 2.24 0.00	44.86 2.38 0.00	42.80 2.35 0.00	40.73 2.16 0.00	40.64 2.08 0.00	41.20 2.15 0.00	43.04 2.13 0.00	43.58 2.04 0.00	46.38 2.17 0.00	49.15 2.34 0.00	52.22 2.06 0.00	58.39 2.25 0.00	58.26 2.13 0.00	54.72 2.05 0.00	47.90 1.89 0.00	41.51 1.56 0.00	37.95 1.46 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	44.64 2.49 0.00	40.03 2.30 0.00	36.29 1.92 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.53 1.83 0.00	39.64 2.10 0.00	43.04 2.24 0.00	44.86 2.38 0.00	42.80 2.35 0.00	40.73 2.16 0.00	40.64 2.08 0.00	41.20 2.15 0.00	43.04 2.13 0.00	43.58 2.04 0.00	46.38 2.17 0.00	49.15 2.34 0.00	52.22 2.06 0.00	58.39 2.25 0.00	58.26 2.13 0.00	54.72 2.05 0.00	47.90 1.89 0.00	41.51 1.56 0.00	37.95 1.46 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	44.64 2.49 0.00	40.03 2.30 0.00	36.29 1.92 0.00	32.58 1.73 0.00	32.87 1.74 0.00	34.53 1.83 0.00	39.64 2.10 0.00	42.95 2.16 0.00	44.82 2.34 0.00	42.68 2.23 0.00	40.58 2.01 0.00	40.49 1.93 0.00	41.05 1.99 0.00	42.88 1.96 0.00	43.45 1.91 0.00	46.30 2.08 0.00	49.11 2.29 0.00	52.32 2.16 0.00	58.56 2.41 0.00	58.43 2.30 0.00	54.93 2.26 0.00	48.08 2.07 0.00	41.67 1.72 0.00	37.98 1.50 0.00
POLETTI_____ 23519	45.10 2.95 0.00	40.45 2.72 0.00	36.60 2.23 0.00	32.83 1.97 0.00	33.05 1.93 0.00	34.79 2.09 0.00	40.01 2.48 0.00	43.48 2.69 0.00	45.40 2.93 0.02	43.31 2.87 0.02	41.18 2.62 0.02	41.09 2.55 0.02	41.66 2.62 0.02	43.56 2.66 0.02	44.10 2.58 0.02	46.94 2.74 0.02	49.70 2.90 0.02	52.50 2.36 0.02	58.71 2.58 0.02	58.52 2.41 0.02	54.91 2.26 0.02	48.18 2.16 0.00	41.79 1.84 0.00	38.02 1.53 0.00
POMONA___ESR 323819	44.60 2.44 0.00	39.99 2.26 0.00	36.25 1.89 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.53 1.83 0.00	39.60 2.06 0.00	42.95 2.16 0.00	44.78 2.29 0.00	42.72 2.26 0.00	40.69 2.12 0.00	40.60 2.04 0.00	41.16 2.11 0.00	43.04 2.13 0.00	43.58 2.04 0.00	46.38 2.17 0.00	49.20 2.39 0.00	52.17 2.01 0.00	58.39 2.25 0.00	58.14 2.02 0.00	54.66 2.00 0.00	47.76 1.75 0.00	41.43 1.48 0.00	37.84 1.35 0.00
PORT_JEFF_3 23555	46.50 4.34 -0.01	41.81 4.08 -0.01	37.84 3.47 -0.01	33.92 3.06 -0.01	34.18 3.05 -0.01	36.01 3.30 -0.01	41.30 3.75 -0.01	44.54 3.75 0.00	45.88 3.40 0.00	44.27 3.80 -0.01	41.89 3.32 0.00	41.92 3.35 -0.01	42.42 3.36 0.00	43.99 3.07 0.00	44.45 2.91 0.00	46.74 2.52 0.00	49.76 2.95 0.00	52.77 2.61 0.00	58.89 2.75 0.00	58.87 2.75 0.00	54.71 2.05 0.00	47.90 1.89 0.00	41.15 1.20 0.00	38.38 1.90 0.00
PORT_JEFF_4 23616	46.50 4.34 -0.01	41.81 4.08 -0.01	37.84 3.47 -0.01	33.92 3.06 -0.01	34.18 3.05 -0.01	36.01 3.30 -0.01	41.30 3.75 -0.01	44.54 3.75 0.00	45.88 3.40 0.00	44.27 3.80 -0.01	41.89 3.32 0.00	41.92 3.35 -0.01	42.42 3.36 0.00	43.99 3.07 0.00	44.45 2.91 0.00	46.74 2.52 0.00	49.76 2.95 0.00	52.77 2.61 0.00	58.89 2.75 0.00	58.87 2.75 0.00	54.71 2.05 0.00	47.90 1.89 0.00	41.15 1.20 0.00	38.38 1.90 0.00

PORT_JEFF_IC 23713	46.62 4.47 0.00	41.88 4.15 0.00	37.94 3.57 0.00	34.00 3.15 0.00	34.23 3.11 0.00	36.07 3.37 0.00	41.36 3.83 0.00	44.63 3.83 0.00	46.14 3.65 0.00	44.54 4.09 0.00	42.12 3.55 0.00	42.11 3.55 0.00	42.61 3.55 0.00	44.19 3.27 0.00	44.82 3.28 0.00	47.00 2.79 0.00	50.09 3.28 0.00	53.17 3.01 0.00	59.34 3.20 0.00	59.38 3.26 0.00	55.14 2.48 0.00	48.45 2.44 0.00	41.83 1.88 0.00	38.42 1.93 0.00
PPL PILGRIM_ST_GT1 24216	46.63 4.47 -0.01	41.96 4.22 -0.01	38.01 3.64 -0.01	34.07 3.21 -0.01	34.34 3.21 -0.01	36.17 3.46 -0.01	41.48 3.94 -0.01	44.79 4.00 0.00	46.14 3.65 0.00	44.47 4.01 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.61 3.55 0.00	44.19 3.27 0.00	44.74 3.20 0.00	47.27 3.05 0.00	50.32 3.51 0.00	53.32 3.16 0.00	59.57 3.43 0.00	59.55 3.42 0.00	55.40 2.74 0.00	48.45 2.44 0.00	41.59 1.64 0.00	38.75 2.26 0.00
PPL PILGRIM_ST_GT2 24217	46.63 4.47 -0.01	41.96 4.22 -0.01	38.01 3.64 -0.01	34.07 3.21 -0.01	34.34 3.21 -0.01	36.17 3.46 -0.01	41.48 3.94 -0.01	44.79 4.00 0.00	46.14 3.65 0.00	44.47 4.01 -0.01	42.08 3.51 0.00	42.12 3.55 -0.01	42.61 3.55 0.00	44.19 3.27 0.00	44.74 3.20 0.00	47.27 3.05 0.00	50.32 3.51 0.00	53.32 3.16 0.00	59.57 3.43 0.00	59.55 3.42 0.00	55.40 2.74 0.00	48.45 2.44 0.00	41.59 1.64 0.00	38.75 2.26 0.00
PPL_SHRM_GT3 24213	46.33 4.17 -0.01	41.63 3.89 -0.01	37.67 3.30 -0.01	33.76 2.90 -0.01	33.99 2.86 -0.01	35.81 3.11 -0.01	41.04 3.49 -0.01	44.30 3.51 0.00	45.67 3.19 0.00	44.03 3.56 -0.01	41.69 3.12 0.00	41.69 3.12 -0.01	42.18 3.13 0.00	43.74 2.82 0.00	44.24 2.70 0.00	46.69 2.47 0.00	49.81 3.00 0.00	52.82 2.66 0.00	58.95 2.81 0.00	58.99 2.86 0.00	54.71 2.05 0.00	47.81 1.79 0.00	40.71 0.76 0.00	37.91 1.42 0.00
PPL_SHRM_GT4 24214	46.33 4.17 -0.01	41.63 3.89 -0.01	37.67 3.30 -0.01	33.76 2.90 -0.01	33.99 2.86 -0.01	35.81 3.11 -0.01	41.04 3.49 -0.01	44.30 3.51 0.00	45.67 3.19 0.00	44.03 3.56 -0.01	41.69 3.12 0.00	41.69 3.12 -0.01	42.18 3.13 0.00	43.74 2.82 0.00	44.24 2.70 0.00	46.69 2.47 0.00	49.81 3.00 0.00	52.82 2.66 0.00	58.95 2.81 0.00	58.99 2.86 0.00	54.71 2.05 0.00	47.81 1.79 0.00	40.71 0.76 0.00	37.91 1.42 0.00
PROJECT___ORANGE 1 24174	41.69 -0.46 0.00	37.32 -0.42 0.00	34.02 -0.34 0.00	30.54 -0.31 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.09 -0.45 0.00	40.26 -0.53 0.00	41.76 -0.72 0.00	39.73 -0.73 0.00	37.95 -0.62 0.00	38.02 -0.54 0.00	38.55 -0.51 0.00	40.51 -0.41 0.00	41.21 -0.33 0.00	43.86 -0.35 0.00	46.39 -0.42 0.00	49.81 -0.35 0.00	55.69 -0.45 0.00	55.68 -0.45 0.00	52.50 -0.16 0.00	45.69 -0.32 0.00	39.71 -0.24 0.00	36.31 -0.18 0.00
PROJECT___ORANGE 2 24166	41.69 -0.46 0.00	37.32 -0.42 0.00	34.02 -0.34 0.00	30.54 -0.31 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.09 -0.45 0.00	40.26 -0.53 0.00	41.76 -0.72 0.00	39.73 -0.73 0.00	37.95 -0.62 0.00	38.02 -0.54 0.00	38.55 -0.51 0.00	40.51 -0.41 0.00	41.21 -0.33 0.00	43.86 -0.35 0.00	46.39 -0.42 0.00	49.81 -0.35 0.00	55.69 -0.45 0.00	55.68 -0.45 0.00	52.50 -0.16 0.00	45.69 -0.32 0.00	39.71 -0.24 0.00	36.31 -0.18 0.00
PUCKETT___SOLAR 323809	43.04 0.89 0.00	38.52 0.79 0.00	35.15 0.79 0.00	31.41 0.56 0.00	31.74 0.62 0.00	33.45 0.75 0.00	38.33 0.79 0.00	41.44 0.65 0.00	42.70 0.21 0.00	40.62 0.16 0.00	38.80 0.23 0.00	38.91 0.35 0.00	39.49 0.43 0.00	41.53 0.61 0.00	42.29 0.75 0.00	44.97 0.75 0.00	47.61 0.80 0.00	51.11 0.95 0.00	57.26 1.12 0.00	57.47 1.34 0.00	54.30 1.63 0.00	47.35 1.34 0.00	41.23 1.28 0.00	37.69 1.20 0.00
PYRITES___HYD 24023	43.04 0.89 0.00	38.56 0.83 0.00	35.08 0.72 0.00	31.47 0.62 0.00	31.71 0.59 0.00	33.32 0.62 0.00	38.47 0.94 0.00	41.97 1.18 0.00	43.42 0.93 0.00	41.31 0.85 0.00	39.34 0.77 0.00	39.18 0.62 0.00	39.49 0.43 0.00	41.37 0.45 0.00	42.04 0.50 0.00	44.62 0.40 0.00	46.86 0.05 0.00	50.61 0.45 0.00	57.04 0.90 0.00	57.42 1.29 0.00	53.87 1.21 0.00	47.53 1.52 0.00	41.31 1.36 0.00	37.51 1.02 0.00
QUAKERRD_115KV_BK1 80622	41.23 -0.93 0.00	36.82 -0.91 0.00	33.74 -0.62 0.00	30.14 -0.71 0.00	30.38 -0.75 0.00	32.08 -0.62 0.00	36.56 -0.98 0.00	39.57 -1.22 0.00	40.74 -1.74 0.00	38.84 -1.62 0.00	37.30 -1.27 0.00	37.67 -0.89 0.00	38.28 -0.78 0.00	40.30 -0.61 0.00	41.17 -0.37 0.00	43.86 -0.35 0.00	46.30 -0.51 0.00	49.76 -0.40 0.00	55.47 -0.67 0.00	55.45 -0.67 0.00	52.35 -0.32 0.00	45.37 -0.64 0.00	39.71 -0.24 0.00	36.49 0.00 0.00
QUENSBRY_115KV_TB8 356137	44.30 2.15 0.00	39.69 1.96 0.00	36.22 1.86 0.00	32.43 1.57 0.00	32.77 1.65 0.00	34.50 1.80 0.00	39.53 1.99 0.00	42.83 2.04 0.00	44.57 2.08 0.00	42.20 1.74 0.00	39.88 1.31 0.00	39.76 1.20 0.00	40.11 1.05 0.00	41.94 1.02 0.00	42.58 1.04 0.00	45.28 1.06 0.00	48.08 1.26 0.00	51.77 1.61 0.00	58.39 2.25 0.00	58.43 2.30 0.00	55.56 2.90 0.00	48.41 2.39 0.00	41.87 1.92 0.00	38.20 1.71 0.00
RAMAPO___LBMP 323565	44.43 2.28 0.00	39.84 2.11 0.00	36.15 1.79 0.00	32.46 1.60 0.00	32.74 1.62 0.00	34.43 1.73 0.00	39.49 1.95 0.00	42.83 2.04 0.00	44.65 2.17 0.00	42.60 2.14 0.00	40.54 1.97 0.00	40.49 1.93 0.00	41.05 1.99 0.00	42.88 1.96 0.00	43.41 1.87 0.00	46.21 1.99 0.00	48.96 2.15 0.00	51.97 1.81 0.00	58.11 1.96 0.00	57.98 1.85 0.00	54.45 1.79 0.00	47.67 1.66 0.00	41.39 1.44 0.00	37.73 1.24 0.00
RANKINE____ 23646	41.82 -0.34 0.00	37.35 -0.38 0.00	34.53 0.17 0.00	30.76 -0.09 0.00	30.90 -0.22 0.00	32.73 0.03 0.00	36.86 -0.68 0.00	39.32 -1.47 0.00	39.98 -2.51 0.00	38.23 -2.23 0.00	37.14 -1.43 0.00	38.21 -0.35 0.00	39.10 0.04 0.00	41.29 0.37 0.00	42.45 0.91 0.00	45.10 0.88 0.00	47.19 0.37 0.00	50.51 0.35 0.00	55.92 -0.22 0.00	55.79 -0.34 0.00	52.87 0.21 0.00	45.51 -0.51 0.00	40.75 0.80 0.00	38.31 1.82 0.00
RAVENSWOOD_GT2_1 24244	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.22 2.21 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT2_2 24245	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.22 2.21 0.00	41.87 1.92 0.00	38.09 1.61 0.00

RAVENSWOOD_GT2_3 24246	45.19 3.04 0.00	40.52 2.79 0.00	36.70 2.34 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.13 2.59 0.00	43.57 2.77 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.27 2.70 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.81 3.00 0.00	52.62 2.46 0.00	58.89 2.75 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.91 1.96 0.00	38.09 1.61 0.00
RAVENSWOOD_GT2_4 24247	45.19 3.04 0.00	40.52 2.79 0.00	36.70 2.34 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.13 2.59 0.00	43.57 2.77 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.27 2.70 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.66 2.74 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.81 3.00 0.00	52.62 2.46 0.00	58.89 2.75 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.91 1.96 0.00	38.09 1.61 0.00
RAVENSWOOD_GT3_1 24248	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT3_2 24249	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT3_3 24250	45.27 3.12 0.00	40.56 2.83 0.00	36.73 2.37 0.00	32.95 2.10 0.00	33.18 2.05 0.00	34.92 2.22 0.00	40.16 2.63 0.00	43.61 2.81 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.79 2.73 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.09 2.87 0.00	49.85 3.04 0.00	52.72 2.56 0.00	58.95 2.81 0.00	58.71 2.58 0.00	55.08 2.42 0.00	48.31 2.30 0.00	41.95 2.00 0.00	38.13 1.64 0.00
RAVENSWOOD_GT3_4 24251	45.27 3.12 0.00	40.56 2.83 0.00	36.73 2.37 0.00	32.95 2.10 0.00	33.18 2.05 0.00	34.92 2.22 0.00	40.16 2.63 0.00	43.61 2.81 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.79 2.73 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.09 2.87 0.00	49.85 3.04 0.00	52.72 2.56 0.00	58.95 2.81 0.00	58.71 2.58 0.00	55.08 2.42 0.00	48.31 2.30 0.00	41.95 2.00 0.00	38.13 1.64 0.00
RAVENSWOOD_GT_1 23729	45.40 3.25 0.00	40.71 2.98 0.00	36.84 2.47 0.00	33.07 2.22 0.00	33.30 2.18 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.83 2.77 0.00	43.78 2.86 0.00	44.32 2.78 0.00	47.27 3.05 0.00	49.90 3.09 0.00	52.42 2.26 0.00	58.56 2.41 0.00	58.31 2.19 0.00	54.77 2.11 0.00	48.13 2.12 0.00	41.87 1.92 0.00	38.13 1.64 0.00
RAVENSWOOD_GT_10 24258	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT_11 24259	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT_4 24252	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT_5 24254	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT_6 24253	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT_7 24255	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.20 2.66 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00
RAVENSWOOD_GT_9 24257	45.19 3.04 0.00	40.52 2.79 0.00	36.66 2.30 0.00	32.89 2.04 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.23 2.66 0.00	41.18 2.62 0.00	41.75 2.69 0.00	43.62 2.70 0.00	44.16 2.62 0.00	47.05 2.83 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.27 2.25 0.00	41.87 1.92 0.00	38.09 1.61 0.00

RAVENSWOOD___1 23533	45.41 3.25 -0.01	40.68 2.94 -0.01	36.81 2.44 -0.01	33.05 2.19 -0.01	33.28 2.15 -0.01	34.95 2.25 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.37 2.91 0.00	41.31 2.74 0.00	41.22 2.66 0.00	41.79 2.73 0.00	43.74 2.82 0.00	44.28 2.74 0.00	47.23 3.01 0.00	49.85 3.04 0.00	52.37 2.20 0.00	58.44 2.30 0.01	58.19 2.08 0.01	54.65 2.00 0.01	47.94 1.93 0.00	41.71 1.76 0.00	38.09 1.60 0.00
RAVENSWOOD___2 23534	45.41 3.25 -0.01	40.68 2.94 -0.01	36.81 2.44 -0.01	33.05 2.19 -0.01	33.28 2.15 -0.01	34.95 2.25 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.50 3.02 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.22 2.66 0.00	41.79 2.73 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.23 3.01 0.00	49.85 3.04 0.00	52.37 2.20 0.00	58.44 2.30 0.01	58.13 2.02 0.01	54.65 2.00 0.01	47.94 1.93 0.00	41.67 1.72 0.00	38.09 1.60 0.00
RAVENSWOOD___3 23535	45.19 3.04 0.00	40.48 2.75 0.00	36.63 2.27 0.00	32.89 2.04 0.00	33.12 1.99 0.00	34.85 2.16 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.41 2.93 0.00	43.33 2.87 0.00	41.27 2.70 0.00	41.15 2.58 0.00	41.71 2.66 0.00	43.62 2.70 0.00	44.12 2.58 0.00	47.00 2.79 0.00	49.76 2.95 0.00	52.62 2.46 0.00	58.84 2.69 0.00	58.54 2.41 0.00	55.03 2.37 0.00	48.13 2.12 0.00	41.75 1.80 0.00	38.09 1.60 0.00
RAVENSWOOD___4 23820	45.36 3.20 -0.01	40.68 2.94 -0.01	36.81 2.44 -0.01	33.05 2.19 -0.01	33.28 2.15 -0.01	34.95 2.25 0.00	40.16 2.63 0.00	43.57 2.78 0.00	45.46 2.97 0.00	43.37 2.91 0.00	41.27 2.70 0.00	41.19 2.62 0.00	41.75 2.69 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.23 3.01 0.00	49.85 3.04 0.00	52.32 2.16 0.00	58.38 2.25 0.01	58.13 2.02 0.01	54.60 1.95 0.01	47.90 1.89 0.00	41.67 1.72 0.00	38.09 1.60 0.00
RCPL_TRUST___DRP 24196	45.19 3.04 0.00	40.52 2.79 0.00	36.70 2.34 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.13 2.59 0.00	43.61 2.81 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.79 2.73 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.09 2.87 0.00	49.85 3.04 0.00	52.72 2.56 0.00	58.95 2.81 0.00	58.71 2.58 0.00	55.08 2.42 0.00	48.31 2.30 0.00	41.91 1.96 0.00	38.13 1.64 0.00
RED___ROCHESTER 323720	42.49 0.34 0.00	37.96 0.23 0.00	34.78 0.41 0.00	30.91 0.06 0.00	31.28 0.16 0.00	33.02 0.33 0.00	37.57 0.04 0.00	40.59 -0.20 0.00	41.85 -0.64 0.00	39.89 -0.57 0.00	38.26 -0.31 0.00	38.83 0.27 0.00	39.56 0.51 0.00	41.61 0.69 0.00	42.70 1.16 0.00	45.32 1.11 0.00	47.80 0.98 0.00	51.46 1.30 0.00	57.32 1.18 0.00	57.47 1.34 0.00	54.08 1.42 0.00	47.07 1.06 0.00	41.31 1.36 0.00	37.76 1.28 0.00
REGAN___SOLAR 323812	44.72 2.57 0.00	39.99 2.26 0.00	36.46 2.10 0.00	32.64 1.79 0.00	32.99 1.87 0.00	34.79 2.09 0.00	39.86 2.33 0.00	43.03 2.24 0.00	44.52 2.04 0.00	42.08 1.62 0.00	39.96 1.39 0.00	39.83 1.27 0.00	40.31 1.25 0.00	42.23 1.31 0.00	42.75 1.21 0.00	45.59 1.37 0.00	48.26 1.45 0.00	52.02 1.86 0.00	58.95 2.81 0.00	59.38 3.25 0.00	56.24 3.58 0.00	49.00 2.99 0.00	42.31 2.36 0.00	38.53 2.04 0.00
RENSSELAER___COGEN 23796	42.79 0.63 0.00	38.33 0.60 0.00	34.95 0.58 0.00	31.53 0.68 0.00	31.84 0.72 0.00	33.39 0.69 0.00	38.17 0.64 0.00	41.48 0.69 0.00	43.12 0.64 0.00	41.02 0.57 0.00	39.03 0.46 0.00	38.91 0.35 0.00	39.41 0.35 0.00	41.21 0.29 0.00	41.67 0.13 0.00	44.39 0.18 0.00	47.05 0.24 0.00	50.36 0.20 0.00	56.42 0.28 0.00	56.29 0.17 0.00	53.03 0.37 0.00	46.34 0.32 0.00	40.23 0.28 0.00	36.71 0.22 0.00
REPUBLIC_115KV_BARTNBK 55605	46.45 4.30 0.00	41.54 3.81 0.00	37.97 3.61 0.00	33.91 3.05 0.00	34.27 3.14 0.00	36.20 3.50 0.00	41.40 3.87 0.00	44.83 4.04 0.00	46.56 4.08 0.00	43.98 3.52 0.00	41.58 3.01 0.00	41.42 2.85 0.00	41.75 2.69 0.00	43.74 2.82 0.00	44.37 2.82 0.00	47.18 2.96 0.00	50.09 3.28 0.00	54.18 4.01 0.00	61.42 5.28 0.00	61.63 5.50 0.00	58.77 6.11 0.00	50.98 4.97 0.00	43.95 4.00 0.00	40.10 3.61 0.00
REVERE_CPPR_DRP 24186	43.59 1.43 0.00	39.01 1.28 0.00	35.56 1.20 0.00	31.90 1.05 0.00	32.21 1.09 0.00	33.84 1.14 0.00	38.85 1.31 0.00	42.22 1.43 0.00	43.72 1.23 0.00	41.47 1.01 0.00	39.61 1.04 0.00	39.53 0.96 0.00	39.96 0.90 0.00	41.90 0.98 0.00	42.45 0.91 0.00	45.10 0.88 0.00	47.79 0.98 0.00	51.52 1.35 0.00	57.99 1.85 0.00	58.09 1.96 0.00	54.93 2.26 0.00	47.99 1.98 0.00	41.51 1.56 0.00	37.87 1.39 0.00
REYNLDPA_13_KV_LD 356490	42.19 0.04 0.00	37.81 0.08 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.09 -0.03 0.00	32.66 -0.03 0.00	37.69 0.15 0.00	41.12 0.33 0.00	42.78 0.30 0.00	40.82 0.36 0.00	38.92 0.35 0.00	38.79 0.23 0.00	39.17 0.12 0.00	41.08 0.16 0.00	41.71 0.17 0.00	44.44 0.22 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.48 0.34 0.00	56.57 0.45 0.00	52.82 0.16 0.00	46.33 0.32 0.00	40.27 0.32 0.00	36.71 0.22 0.00
REYNOLDS_115KV_TB3 80639	43.12 0.97 0.00	38.67 0.94 0.00	35.26 0.89 0.00	31.75 0.89 0.00	32.09 0.96 0.00	33.68 0.98 0.00	38.47 0.94 0.00	41.77 0.98 0.00	43.42 0.93 0.00	41.35 0.89 0.00	39.30 0.73 0.00	39.22 0.66 0.00	39.72 0.66 0.00	41.49 0.57 0.00	42.04 0.50 0.00	44.70 0.49 0.00	47.42 0.61 0.00	50.76 0.60 0.00	56.76 0.62 0.00	56.69 0.56 0.00	53.40 0.74 0.00	46.75 0.74 0.00	40.55 0.60 0.00	36.96 0.47 0.00
RIVERBAY____ 323610	46.12 3.96 0.00	41.39 3.66 0.00	37.45 3.09 0.00	33.60 2.75 0.00	33.83 2.71 0.00	35.51 2.81 0.00	40.73 3.19 0.00	43.97 3.18 0.00	45.88 3.40 0.00	43.69 3.24 0.00	41.50 2.93 0.00	41.45 2.89 0.00	41.99 2.93 0.00	43.94 3.03 0.00	44.53 2.99 0.00	47.49 3.27 0.00	50.14 3.32 0.00	52.67 2.51 0.00	58.84 2.69 0.00	58.65 2.53 0.00	55.03 2.37 0.00	48.41 2.39 0.00	42.23 2.28 0.00	38.53 2.04 0.00
RIVERSDE_115KV_TB3 55908	43.00 0.84 0.00	38.52 0.79 0.00	35.12 0.76 0.00	31.65 0.80 0.00	31.99 0.87 0.00	33.58 0.88 0.00	38.36 0.83 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.23 0.77 0.00	39.23 0.66 0.00	39.10 0.54 0.00	39.64 0.59 0.00	41.41 0.49 0.00	41.91 0.37 0.00	44.57 0.35 0.00	47.28 0.47 0.00	50.61 0.45 0.00	56.65 0.51 0.00	56.57 0.45 0.00	53.29 0.63 0.00	46.61 0.60 0.00	40.47 0.52 0.00	36.89 0.40 0.00
ROARING___BROOK_WT_PWR 323790	41.86 -0.29 0.00	37.51 -0.23 0.00	34.16 -0.20 0.00	30.64 -0.21 0.00	30.91 -0.22 0.00	32.50 -0.20 0.00	37.35 -0.19 0.00	40.67 -0.12 0.00	42.40 -0.08 0.00	40.42 -0.04 0.00	38.53 -0.04 0.00	38.48 -0.08 0.00	38.94 -0.12 0.00	40.79 -0.12 0.00	41.38 -0.17 0.00	44.00 -0.22 0.00	46.53 -0.28 0.00	49.86 -0.30 0.00	55.81 -0.33 0.00	55.79 -0.33 0.00	52.30 -0.37 0.00	45.74 -0.27 0.00	39.75 -0.20 0.00	36.34 -0.15 0.00

ROCHESRG_115KV_T4 355643	41.94 -0.21 0.00	37.47 -0.26 0.00	34.36 0.00 0.00	30.70 -0.15 0.00	30.90 -0.22 0.00	32.66 -0.03 0.00	37.16 -0.38 0.00	40.10 -0.69 0.00	41.25 -1.23 0.00	39.32 -1.13 0.00	37.80 -0.77 0.00	38.33 -0.23 0.00	38.98 -0.08 0.00	41.08 0.16 0.00	42.00 0.46 0.00	44.70 0.49 0.00	47.14 0.33 0.00	50.66 0.50 0.00	56.37 0.22 0.00	56.35 0.22 0.00	53.24 0.58 0.00	46.10 0.09 0.00	40.47 0.52 0.00	37.29 0.80 0.00
ROCHESTER_9_IC 23652	42.19 0.04 0.00	37.69 -0.04 0.00	34.57 0.21 0.00	30.88 0.03 0.00	31.09 -0.03 0.00	32.83 0.13 0.00	37.39 -0.15 0.00	40.34 -0.45 0.00	41.51 -0.98 0.00	39.57 -0.89 0.00	38.07 -0.50 0.00	38.56 0.00 0.00	39.25 0.20 0.00	41.33 0.41 0.00	42.29 0.75 0.00	45.01 0.80 0.00	47.47 0.66 0.00	51.07 0.90 0.00	56.87 0.73 0.00	56.80 0.67 0.00	53.66 1.00 0.00	46.47 0.46 0.00	40.75 0.80 0.00	37.55 1.06 0.00
ROCKVIEW_13_KV_LD 356306	45.19 3.04 0.00	40.52 2.79 0.00	36.70 2.34 0.00	32.92 2.07 0.00	33.18 2.05 0.00	34.89 2.19 0.00	40.09 2.55 0.00	43.52 2.73 0.00	45.41 2.93 0.00	43.33 2.87 0.00	41.23 2.66 0.00	41.15 2.58 0.00	41.71 2.66 0.00	43.58 2.66 0.00	44.12 2.58 0.00	46.96 2.74 0.00	49.76 2.95 0.00	52.72 2.56 0.00	59.01 2.86 0.00	58.82 2.69 0.00	55.24 2.58 0.00	48.31 2.30 0.00	41.91 1.96 0.00	38.13 1.64 0.00
ROME____115KV_TB2 80656	43.59 1.43 0.00	39.01 1.28 0.00	35.56 1.20 0.00	31.90 1.05 0.00	32.21 1.09 0.00	33.84 1.14 0.00	38.85 1.31 0.00	42.22 1.43 0.00	43.72 1.23 0.00	41.47 1.01 0.00	39.61 1.04 0.00	39.53 0.96 0.00	39.96 0.90 0.00	41.90 0.98 0.00	42.45 0.91 0.00	45.10 0.88 0.00	47.79 0.98 0.00	51.52 1.35 0.00	57.99 1.85 0.00	58.09 1.96 0.00	54.93 2.26 0.00	47.99 1.98 0.00	41.51 1.56 0.00	37.87 1.39 0.00
ROSETON____1 23587	44.18 2.02 0.00	39.62 1.89 0.00	35.94 1.58 0.00	32.30 1.45 0.00	32.55 1.43 0.00	34.23 1.54 0.00	39.26 1.73 0.00	42.63 1.84 0.00	44.40 1.91 0.00	42.32 1.86 0.00	40.31 1.74 0.00	40.22 1.66 0.00	40.74 1.68 0.00	42.60 1.68 0.00	43.12 1.58 0.00	45.90 1.68 0.00	48.64 1.82 0.00	51.77 1.60 0.00	57.88 1.74 0.00	57.64 1.52 0.00	54.24 1.58 0.00	47.44 1.43 0.00	41.11 1.16 0.00	37.62 1.13 0.00
ROSETON____2 23588	44.18 2.02 0.00	39.62 1.89 0.00	35.94 1.58 0.00	32.30 1.45 0.00	32.55 1.43 0.00	34.23 1.54 0.00	39.26 1.73 0.00	42.63 1.84 0.00	44.40 1.91 0.00	42.32 1.86 0.00	40.31 1.74 0.00	40.22 1.66 0.00	40.74 1.68 0.00	42.60 1.68 0.00	43.12 1.58 0.00	45.90 1.68 0.00	48.64 1.82 0.00	51.77 1.60 0.00	57.88 1.74 0.00	57.64 1.52 0.00	54.24 1.58 0.00	47.44 1.43 0.00	41.11 1.16 0.00	37.62 1.13 0.00
ROTTRDAM_115KV_TB3 80664	43.38 1.22 0.00	38.86 1.13 0.00	35.39 1.03 0.00	31.78 0.93 0.00	32.09 0.96 0.00	33.71 1.01 0.00	38.62 1.09 0.00	41.89 1.10 0.00	43.55 1.06 0.00	41.43 0.97 0.00	39.38 0.81 0.00	39.33 0.77 0.00	39.80 0.74 0.00	41.65 0.74 0.00	42.25 0.71 0.00	44.97 0.75 0.00	47.65 0.84 0.00	51.07 0.90 0.00	57.26 1.12 0.00	57.25 1.12 0.00	53.98 1.32 0.00	47.16 1.15 0.00	40.87 0.92 0.00	37.29 0.80 0.00
RUSSELL____1 23602	42.45 0.30 0.00	37.88 0.15 0.00	34.74 0.38 0.00	31.01 0.15 0.00	31.25 0.12 0.00	32.99 0.29 0.00	37.57 0.04 0.00	40.59 -0.20 0.00	41.72 -0.76 0.00	39.77 -0.69 0.00	38.26 -0.31 0.00	38.79 0.23 0.00	39.49 0.43 0.00	41.61 0.70 0.00	42.58 1.04 0.00	45.32 1.11 0.00	47.79 0.98 0.00	51.47 1.30 0.00	57.32 1.18 0.00	57.25 1.12 0.00	54.08 1.42 0.00	46.79 0.78 0.00	41.03 1.08 0.00	37.76 1.28 0.00
RUSSELL____2 23532	42.45 0.30 0.00	37.88 0.15 0.00	34.74 0.38 0.00	31.01 0.15 0.00	31.25 0.12 0.00	32.99 0.29 0.00	37.57 0.04 0.00	40.59 -0.20 0.00	41.72 -0.76 0.00	39.77 -0.69 0.00	38.26 -0.31 0.00	38.79 0.23 0.00	39.49 0.43 0.00	41.61 0.70 0.00	42.58 1.04 0.00	45.32 1.11 0.00	47.79 0.98 0.00	51.47 1.30 0.00	57.32 1.18 0.00	57.25 1.12 0.00	54.08 1.42 0.00	46.79 0.78 0.00	41.03 1.08 0.00	37.76 1.28 0.00
RUSSELL____3 23549	42.45 0.30 0.00	37.88 0.15 0.00	34.74 0.38 0.00	31.01 0.15 0.00	31.25 0.12 0.00	32.99 0.29 0.00	37.57 0.04 0.00	40.59 -0.20 0.00	41.72 -0.76 0.00	39.77 -0.69 0.00	38.26 -0.31 0.00	38.79 0.23 0.00	39.49 0.43 0.00	41.61 0.70 0.00	42.58 1.04 0.00	45.32 1.11 0.00	47.79 0.98 0.00	51.47 1.30 0.00	57.32 1.18 0.00	57.25 1.12 0.00	54.08 1.42 0.00	46.79 0.78 0.00	41.03 1.08 0.00	37.76 1.28 0.00
RUSSELL____4 23556	42.45 0.30 0.00	37.88 0.15 0.00	34.74 0.38 0.00	31.01 0.15 0.00	31.25 0.12 0.00	32.99 0.29 0.00	37.57 0.04 0.00	40.59 -0.20 0.00	41.72 -0.76 0.00	39.77 -0.69 0.00	38.26 -0.31 0.00	38.79 0.23 0.00	39.49 0.43 0.00	41.61 0.70 0.00	42.58 1.04 0.00	45.32 1.11 0.00	47.79 0.98 0.00	51.47 1.30 0.00	57.32 1.18 0.00	57.25 1.12 0.00	54.08 1.42 0.00	46.79 0.78 0.00	41.03 1.08 0.00	37.76 1.28 0.00
RUSSELL____STATION 23914	42.45 0.30 0.00	37.88 0.15 0.00	34.74 0.38 0.00	31.01 0.15 0.00	31.25 0.12 0.00	32.99 0.29 0.00	37.57 0.04 0.00	40.59 -0.20 0.00	41.72 -0.76 0.00	39.77 -0.69 0.00	38.26 -0.31 0.00	38.79 0.23 0.00	39.49 0.43 0.00	41.61 0.70 0.00	42.58 1.04 0.00	45.32 1.11 0.00	47.79 0.98 0.00	51.47 1.30 0.00	57.32 1.18 0.00	57.25 1.12 0.00	54.08 1.42 0.00	46.79 0.78 0.00	41.03 1.08 0.00	37.76 1.28 0.00
S SALMON____HYD 24043	42.11 -0.04 0.00	37.69 -0.04 0.00	34.40 0.03 0.00	30.79 -0.06 0.00	31.09 -0.03 0.00	32.70 0.00 0.00	37.50 -0.04 0.00	40.71 -0.08 0.00	42.14 -0.34 0.00	40.05 -0.40 0.00	38.22 -0.35 0.00	38.18 -0.39 0.00	38.67 -0.39 0.00	40.55 -0.37 0.00	41.17 -0.37 0.00	43.73 -0.49 0.00	46.20 -0.61 0.00	49.81 -0.35 0.00	55.92 -0.22 0.00	56.12 0.00 0.00	53.03 0.37 0.00	46.34 0.32 0.00	40.19 0.24 0.00	36.63 0.15 0.00
S.PERRY__115KV_TB1 80734	43.42 1.26 0.00	38.79 1.06 0.00	35.63 1.27 0.00	31.75 0.89 0.00	31.99 0.87 0.00	33.84 1.14 0.00	38.47 0.94 0.00	41.16 0.37 0.00	41.80 -0.68 0.00	39.65 -0.81 0.00	38.07 -0.50 0.00	38.60 0.04 0.00	39.25 0.20 0.00	41.49 0.57 0.00	42.54 1.00 0.00	45.32 1.11 0.00	47.89 1.08 0.00	51.77 1.61 0.00	58.16 2.02 0.00	58.82 2.69 0.00	55.93 3.27 0.00	48.36 2.35 0.00	42.39 2.44 0.00	39.08 2.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.56 -0.59 0.00	37.13 -0.60 0.00	34.33 -0.03 0.00	30.57 -0.28 0.00	30.75 -0.37 0.00	32.60 -0.10 0.00	36.60 -0.94 0.00	39.04 -1.75 0.00	39.68 -2.80 0.00	37.95 -2.51 0.00	36.83 -1.74 0.00	37.98 -0.58 0.00	38.82 -0.23 0.00	41.00 0.08 0.00	42.16 0.62 0.00	44.79 0.57 0.00	46.86 0.05 0.00	50.16 0.00 0.00	55.41 -0.73 0.00	55.28 -0.84 0.00	52.40 -0.26 0.00	45.09 -0.92 0.00	40.47 0.52 0.00	38.06 1.57 0.00

SAWYER___23_KV_LOAD 55526	41.56 -0.59 0.00	37.13 -0.60 0.00	34.33 -0.03 0.00	30.57 -0.28 0.00	30.75 -0.37 0.00	32.60 -0.10 0.00	36.60 -0.94 0.00	39.04 -1.75 0.00	39.68 -2.80 0.00	37.95 -2.51 0.00	36.83 -1.74 0.00	37.98 -0.58 0.00	38.82 -0.23 0.00	41.00 0.08 0.00	42.16 0.62 0.00	44.79 0.57 0.00	46.86 0.05 0.00	50.16 0.00 0.00	55.41 -0.73 0.00	55.28 -0.84 0.00	52.40 -0.26 0.00	45.09 -0.92 0.00	40.47 0.52 0.00	38.06 1.57 0.00
SELKIRK___I 23801	43.12 0.97 0.00	38.67 0.94 0.00	35.22 0.86 0.00	31.75 0.90 0.00	32.06 0.93 0.00	33.61 0.91 0.00	38.44 0.90 0.00	41.69 0.90 0.00	43.33 0.85 0.00	41.14 0.69 0.00	39.11 0.54 0.00	38.99 0.42 0.00	39.49 0.43 0.00	41.28 0.37 0.00	41.83 0.29 0.00	44.57 0.35 0.00	47.23 0.42 0.00	50.61 0.45 0.00	56.76 0.62 0.00	56.74 0.62 0.00	53.50 0.84 0.00	46.75 0.73 0.00	40.55 0.60 0.00	37.04 0.55 0.00
SELKIRK___II 23799	42.95 0.80 0.00	38.48 0.75 0.00	35.05 0.69 0.00	31.62 0.77 0.00	31.90 0.78 0.00	33.45 0.75 0.00	38.29 0.75 0.00	41.56 0.77 0.00	43.25 0.77 0.00	41.14 0.69 0.00	39.15 0.58 0.00	39.06 0.50 0.00	39.56 0.51 0.00	41.37 0.45 0.00	41.87 0.33 0.00	44.57 0.35 0.00	47.28 0.47 0.00	50.56 0.40 0.00	56.65 0.50 0.00	56.52 0.40 0.00	53.24 0.58 0.00	46.52 0.51 0.00	40.35 0.40 0.00	36.85 0.36 0.00
SENECA OSWGO___HYD 24041	41.48 -0.68 0.00	37.13 -0.61 0.00	33.85 -0.51 0.00	30.36 -0.49 0.00	30.62 -0.50 0.00	32.17 -0.52 0.00	36.90 -0.64 0.00	40.06 -0.73 0.00	41.55 -0.93 0.00	39.57 -0.89 0.00	37.76 -0.81 0.00	37.79 -0.77 0.00	38.31 -0.74 0.00	40.22 -0.70 0.00	40.92 -0.62 0.00	43.56 -0.66 0.00	46.11 -0.70 0.00	49.51 -0.65 0.00	55.41 -0.73 0.00	55.45 -0.67 0.00	52.24 -0.42 0.00	45.55 -0.46 0.00	39.55 -0.40 0.00	36.12 -0.36 0.00
SENECA___115KV_TB3 355854	41.86 -0.30 0.00	37.43 -0.30 0.00	34.57 0.21 0.00	30.79 -0.06 0.00	30.97 -0.16 0.00	32.76 0.07 0.00	36.94 -0.60 0.00	39.36 -1.43 0.00	40.02 -2.46 0.00	38.27 -2.18 0.00	37.18 -1.39 0.00	38.29 -0.27 0.00	39.13 0.08 0.00	41.37 0.45 0.00	42.50 0.96 0.00	45.19 0.97 0.00	47.28 0.47 0.00	50.61 0.45 0.00	56.03 -0.11 0.00	55.90 -0.22 0.00	52.98 0.32 0.00	45.55 -0.46 0.00	40.83 0.88 0.00	38.35 1.86 0.00
SENECA___ENERGY 23797	42.19 0.04 0.00	37.77 0.04 0.00	34.47 0.10 0.00	30.76 -0.09 0.00	31.09 -0.03 0.00	32.76 0.07 0.00	37.54 0.00 0.00	40.67 -0.12 0.00	42.02 -0.47 0.00	39.97 -0.48 0.00	38.22 -0.35 0.00	38.41 -0.15 0.00	39.02 -0.04 0.00	41.04 0.12 0.00	41.87 0.33 0.00	44.53 0.31 0.00	47.05 0.24 0.00	50.52 0.35 0.00	56.48 0.34 0.00	56.63 0.50 0.00	53.40 0.74 0.00	46.57 0.55 0.00	40.59 0.64 0.00	37.07 0.58 0.00
SHOEMAKER___GT 23640	43.96 1.81 0.00	39.43 1.70 0.00	35.77 1.41 0.00	32.15 1.30 0.00	32.40 1.28 0.00	34.07 1.37 0.00	39.08 1.54 0.00	42.34 1.55 0.00	44.10 1.61 0.00	41.99 1.54 0.00	40.00 1.43 0.00	39.95 1.39 0.00	40.46 1.40 0.00	42.31 1.39 0.00	42.91 1.37 0.00	45.72 1.50 0.00	48.45 1.64 0.00	51.62 1.46 0.00	57.82 1.68 0.00	57.64 1.52 0.00	54.24 1.58 0.00	47.39 1.38 0.00	41.11 1.16 0.00	37.58 1.09 0.00
SHOEMAKR_138KV_BK 111 55601	44.01 1.85 0.00	39.43 1.70 0.00	35.81 1.44 0.00	32.15 1.30 0.00	32.40 1.28 0.00	34.07 1.37 0.00	39.08 1.54 0.00	42.34 1.55 0.00	44.14 1.66 0.00	42.07 1.62 0.00	40.04 1.47 0.00	39.99 1.43 0.00	40.50 1.45 0.00	42.35 1.43 0.00	42.95 1.41 0.00	45.72 1.50 0.00	48.50 1.69 0.00	51.62 1.45 0.00	57.77 1.63 0.00	57.70 1.57 0.00	54.24 1.58 0.00	47.44 1.43 0.00	41.15 1.20 0.00	37.55 1.06 0.00
SHOREHAM_IC_1 23715	46.33 4.17 -0.01	41.63 3.89 -0.01	37.67 3.30 -0.01	33.76 2.90 -0.01	33.99 2.86 -0.01	35.81 3.11 -0.01	41.04 3.49 -0.01	44.30 3.51 0.00	45.67 3.19 0.00	44.03 3.56 -0.01	41.69 3.12 0.00	41.69 3.12 -0.01	42.18 3.13 0.00	43.74 2.82 0.00	44.24 2.70 0.00	46.69 2.47 0.00	49.81 3.00 0.00	52.82 2.66 0.00	58.95 2.81 0.00	58.99 2.86 0.00	54.71 2.05 0.00	47.81 1.79 0.00	40.71 0.76 0.00	37.91 1.42 0.00
SHOREHAM_IC_2 23716	46.41 4.26 0.00	41.65 3.92 0.00	37.70 3.33 0.00	33.81 2.96 0.00	34.02 2.89 0.00	35.80 3.11 0.00	41.06 3.53 0.00	44.34 3.55 0.00	45.84 3.36 0.00	44.22 3.76 0.00	41.85 3.28 0.00	41.80 3.24 0.00	42.30 3.24 0.00	43.90 2.99 0.00	44.53 2.99 0.00	46.83 2.61 0.00	49.95 3.14 0.00	53.02 2.86 0.00	59.17 3.03 0.00	59.32 3.20 0.00	54.93 2.26 0.00	48.22 2.21 0.00	41.31 1.36 0.00	37.91 1.42 0.00
SISSONVILLE____ 23735	42.49 0.34 0.00	38.07 0.34 0.00	34.67 0.31 0.00	31.07 0.22 0.00	31.34 0.22 0.00	32.93 0.23 0.00	38.02 0.49 0.00	41.57 0.78 0.00	43.12 0.64 0.00	41.10 0.65 0.00	39.15 0.58 0.00	39.02 0.46 0.00	39.37 0.31 0.00	41.20 0.29 0.00	41.87 0.33 0.00	44.35 0.13 0.00	46.48 -0.33 0.00	50.16 0.00 0.00	56.37 0.22 0.00	56.57 0.45 0.00	52.98 0.32 0.00	46.79 0.78 0.00	40.79 0.84 0.00	37.07 0.58 0.00
SITHE_IND_GS1 24169	40.89 -1.26 0.00	36.60 -1.13 0.00	33.40 -0.96 0.00	29.93 -0.92 0.00	30.19 -0.93 0.00	31.75 -0.95 0.00	36.37 -1.16 0.00	39.48 -1.31 0.00	41.00 -1.49 0.00	39.04 -1.42 0.00	37.26 -1.31 0.00	37.33 -1.24 0.00	37.85 -1.21 0.00	39.69 -1.23 0.00	40.38 -1.16 0.00	42.93 -1.28 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.61 -1.51 0.00	51.40 -1.26 0.00	44.82 -1.20 0.00	38.99 -0.96 0.00	35.61 -0.88 0.00
SITHE_IND_GS2 24170	40.89 -1.26 0.00	36.60 -1.13 0.00	33.40 -0.96 0.00	29.93 -0.92 0.00	30.19 -0.93 0.00	31.75 -0.95 0.00	36.37 -1.16 0.00	39.48 -1.31 0.00	41.00 -1.49 0.00	39.04 -1.42 0.00	37.26 -1.31 0.00	37.33 -1.24 0.00	37.85 -1.21 0.00	39.69 -1.23 0.00	40.38 -1.16 0.00	42.93 -1.28 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.61 -1.51 0.00	51.40 -1.26 0.00	44.82 -1.20 0.00	38.99 -0.96 0.00	35.61 -0.88 0.00
SITHE_IND_GS3 24171	40.89 -1.26 0.00	36.60 -1.13 0.00	33.40 -0.96 0.00	29.93 -0.92 0.00	30.19 -0.93 0.00	31.75 -0.95 0.00	36.37 -1.16 0.00	39.48 -1.31 0.00	41.00 -1.49 0.00	39.04 -1.42 0.00	37.26 -1.31 0.00	37.33 -1.24 0.00	37.85 -1.21 0.00	39.69 -1.23 0.00	40.38 -1.16 0.00	42.93 -1.28 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.61 -1.51 0.00	51.40 -1.26 0.00	44.82 -1.20 0.00	38.99 -0.96 0.00	35.61 -0.88 0.00
SITHE_IND_GS4 24172	40.89 -1.26 0.00	36.60 -1.13 0.00	33.40 -0.96 0.00	29.93 -0.92 0.00	30.19 -0.93 0.00	31.75 -0.95 0.00	36.37 -1.16 0.00	39.48 -1.31 0.00	41.00 -1.49 0.00	39.04 -1.42 0.00	37.26 -1.31 0.00	37.33 -1.24 0.00	37.85 -1.21 0.00	39.69 -1.23 0.00	40.38 -1.16 0.00	42.93 -1.28 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.61 -1.51 0.00	51.40 -1.26 0.00	44.82 -1.20 0.00	38.99 -0.96 0.00	35.61 -0.88 0.00

SITHE___BATAVIA 24024	42.95 0.80 0.00	38.37 0.64 0.00	35.32 0.96 0.00	31.04 0.19 0.00	31.71 0.59 0.00	33.55 0.85 0.00	37.80 0.26 0.00	40.34 -0.45 0.00	41.25 -1.23 0.00	39.32 -1.13 0.00	37.88 -0.69 0.00	38.79 0.23 0.00	39.84 0.78 0.00	41.98 1.06 0.00	43.33 1.79 0.00	45.90 1.68 0.00	48.21 1.40 0.00	52.02 1.86 0.00	57.82 1.68 0.00	58.20 2.08 0.00	54.87 2.21 0.00	47.67 1.65 0.00	42.27 2.32 0.00	39.04 2.55 0.00
SITHE___INDEPEND 23800	40.89 -1.26 0.00	36.60 -1.13 0.00	33.37 -1.00 0.00	29.96 -0.89 0.00	30.19 -0.93 0.00	31.75 -0.95 0.00	36.37 -1.16 0.00	39.49 -1.31 0.00	41.00 -1.49 0.00	39.00 -1.46 0.00	37.26 -1.31 0.00	37.33 -1.23 0.00	37.81 -1.25 0.00	39.69 -1.23 0.00	40.34 -1.20 0.00	42.93 -1.28 0.00	45.45 -1.36 0.00	48.81 -1.35 0.00	54.57 -1.57 0.00	54.55 -1.57 0.00	51.40 -1.26 0.00	44.77 -1.24 0.00	38.91 -1.04 0.00	35.61 -0.88 0.00
SITHE___MASSENA 23902	42.24 0.08 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.12 0.00 0.00	32.70 0.00 0.00	37.72 0.19 0.00	41.20 0.41 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.96 0.39 0.00	38.87 0.31 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.79 0.25 0.00	44.48 0.27 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.48 0.34 0.00	56.57 0.45 0.00	52.93 0.26 0.00	46.43 0.41 0.00	40.39 0.44 0.00	36.75 0.26 0.00
SITHE___OGDNSBRG 24021	42.91 0.76 0.00	38.41 0.68 0.00	34.98 0.62 0.00	31.35 0.49 0.00	31.62 0.50 0.00	33.22 0.52 0.00	38.29 0.75 0.00	41.77 0.98 0.00	43.25 0.76 0.00	41.18 0.73 0.00	39.19 0.62 0.00	39.06 0.50 0.00	39.37 0.31 0.00	41.24 0.33 0.00	41.91 0.37 0.00	44.57 0.35 0.00	46.86 0.05 0.00	50.56 0.40 0.00	56.98 0.84 0.00	57.36 1.23 0.00	53.77 1.11 0.00	47.35 1.33 0.00	41.15 1.20 0.00	37.36 0.88 0.00
SITHE___STERLING 23777	43.25 1.09 0.00	38.67 0.94 0.00	35.25 0.89 0.00	31.59 0.74 0.00	31.90 0.78 0.00	33.55 0.85 0.00	38.47 0.94 0.00	41.81 1.02 0.00	43.29 0.81 0.00	41.10 0.65 0.00	39.26 0.69 0.00	39.22 0.65 0.00	39.68 0.62 0.00	41.65 0.74 0.00	42.25 0.71 0.00	44.88 0.66 0.00	47.56 0.75 0.00	51.17 1.00 0.00	57.49 1.35 0.00	57.58 1.46 0.00	54.40 1.74 0.00	47.48 1.47 0.00	41.15 1.20 0.00	37.51 1.02 0.00
SLEIGHT__34_KV_TB1 80719	41.90 -0.25 0.00	37.43 -0.30 0.00	34.26 -0.10 0.00	30.61 -0.25 0.00	30.84 -0.28 0.00	32.57 -0.13 0.00	37.24 -0.30 0.00	40.30 -0.49 0.00	41.55 -0.93 0.00	39.57 -0.89 0.00	37.95 -0.62 0.00	38.25 -0.31 0.00	38.86 -0.20 0.00	40.92 0.00 0.00	41.75 0.21 0.00	44.48 0.27 0.00	47.00 0.19 0.00	50.51 0.35 0.00	56.37 0.22 0.00	56.41 0.28 0.00	53.24 0.58 0.00	46.20 0.18 0.00	40.31 0.36 0.00	36.96 0.47 0.00
SMITHTWN_69_KV_BK 1 55830	46.62 4.47 0.00	41.92 4.19 0.00	37.94 3.57 0.00	34.03 3.18 0.00	34.23 3.11 0.00	36.07 3.37 0.00	41.36 3.83 0.00	44.67 3.88 0.00	46.18 3.70 0.00	44.62 4.17 0.00	42.19 3.63 0.00	42.19 3.62 0.00	42.69 3.63 0.00	44.27 3.36 0.00	44.91 3.36 0.00	47.22 3.01 0.00	50.28 3.46 0.00	53.37 3.21 0.00	59.57 3.42 0.00	59.60 3.48 0.00	55.35 2.69 0.00	48.59 2.58 0.00	41.99 2.04 0.00	38.57 2.08 0.00
SOUTH CAIRO___GT 23612	44.05 1.90 0.00	39.43 1.70 0.00	35.87 1.51 0.00	32.27 1.42 0.00	32.62 1.49 0.00	34.23 1.54 0.00	39.15 1.61 0.00	42.34 1.55 0.00	43.97 1.49 0.00	41.59 1.13 0.00	39.38 0.81 0.00	39.18 0.62 0.00	39.68 0.62 0.00	41.45 0.53 0.00	42.08 0.54 0.00	44.88 0.66 0.00	47.79 0.98 0.00	51.57 1.40 0.00	58.16 2.02 0.00	58.31 2.19 0.00	55.08 2.42 0.00	48.04 2.02 0.00	41.59 1.64 0.00	37.84 1.35 0.00
SOUTH HAMPTN___IC 23720	47.13 4.97 -0.01	42.30 4.56 -0.01	38.29 3.92 -0.01	34.25 3.39 -0.01	34.46 3.33 -0.01	36.27 3.56 -0.01	41.45 3.90 -0.01	44.95 4.16 0.00	46.39 3.91 0.00	44.75 4.29 -0.01	42.43 3.86 0.00	42.46 3.89 -0.01	42.92 3.87 0.00	44.52 3.60 0.00	45.07 3.53 0.00	47.62 3.40 0.00	50.79 3.98 0.00	53.87 3.71 0.00	60.13 3.99 0.00	60.22 4.09 0.00	55.50 2.84 0.00	48.50 2.48 0.00	41.23 1.28 0.00	38.49 2.01 0.00
SOUTHDOW_115KV_TB1 355954	42.32 0.17 0.00	37.81 0.08 0.00	34.91 0.55 0.00	31.10 0.25 0.00	31.28 0.16 0.00	33.09 0.39 0.00	37.76 0.23 0.00	40.42 -0.37 0.00	41.34 -1.15 0.00	39.40 -1.05 0.00	38.38 -0.19 0.00	39.33 0.77 0.00	40.31 1.25 0.00	42.51 1.60 0.00	43.58 2.04 0.00	46.30 2.08 0.00	48.59 1.78 0.00	51.47 1.30 0.00	57.15 1.01 0.00	57.14 1.01 0.00	54.29 1.63 0.00	46.56 0.55 0.00	41.67 1.72 0.00	38.93 2.44 0.00
SOUTHOLD_69_KV_BK 2 55809	47.42 5.27 0.00	42.52 4.79 0.00	38.49 4.12 0.00	34.43 3.58 0.00	34.58 3.45 0.00	36.36 3.66 0.00	41.40 3.87 0.00	45.12 4.32 0.00	46.73 4.25 0.00	45.07 4.61 0.00	42.77 4.20 0.00	42.73 4.16 0.00	43.20 4.14 0.00	44.80 3.89 0.00	45.49 3.95 0.00	47.93 3.71 0.00	51.21 4.40 0.00	54.38 4.21 0.00	60.69 4.55 0.00	60.84 4.71 0.00	55.72 3.05 0.00	48.82 2.81 0.00	41.75 1.80 0.00	38.53 2.04 0.00
SOUTHOLD___IC 23719	47.34 5.18 -0.01	42.49 4.75 -0.01	38.46 4.09 -0.01	34.41 3.55 -0.01	34.55 3.42 -0.01	36.33 3.63 -0.01	41.41 3.87 -0.01	45.07 4.28 0.00	46.56 4.08 0.00	44.88 4.41 -0.01	42.58 4.01 0.00	42.62 4.05 -0.01	43.08 4.02 0.00	44.68 3.76 0.00	45.24 3.70 0.00	47.80 3.58 0.00	51.03 4.21 0.00	54.18 4.01 0.00	60.41 4.26 0.00	60.51 4.38 0.00	55.50 2.84 0.00	48.45 2.44 0.00	41.15 1.20 0.00	38.53 2.04 0.00
SOUTH_FORK_WT_PWR 323839	47.13 4.97 -0.01	42.30 4.56 -0.01	38.25 3.88 -0.01	34.22 3.36 -0.01	34.34 3.21 -0.01	36.11 3.40 -0.01	41.00 3.45 -0.01	44.79 4.00 0.00	46.26 3.78 0.00	44.59 4.13 -0.01	42.35 3.78 0.00	42.35 3.78 -0.01	42.77 3.71 0.00	44.35 3.44 0.00	44.90 3.36 0.00	47.44 3.23 0.00	50.69 3.88 0.00	53.78 3.61 0.00	60.01 3.87 0.00	60.11 3.99 0.00	54.82 2.16 0.00	47.85 1.84 0.00	40.63 0.68 0.00	38.24 1.75 0.00
SPIERFLS_115KV_TB 1 80737	44.01 1.85 0.00	39.43 1.70 0.00	35.98 1.62 0.00	32.24 1.39 0.00	32.55 1.43 0.00	34.30 1.60 0.00	39.26 1.73 0.00	42.55 1.75 0.00	44.27 1.78 0.00	41.91 1.46 0.00	39.61 1.04 0.00	39.49 0.93 0.00	39.84 0.78 0.00	41.65 0.74 0.00	42.25 0.71 0.00	44.97 0.75 0.00	47.70 0.89 0.00	51.37 1.20 0.00	57.88 1.74 0.00	57.92 1.80 0.00	55.14 2.48 0.00	48.04 2.02 0.00	41.55 1.60 0.00	37.95 1.46 0.00
ST LAWRENCE____ 23600	41.77 -0.38 0.00	37.39 -0.34 0.00	34.05 -0.31 0.00	30.51 -0.34 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.28 -0.26 0.00	40.67 -0.12 0.00	42.36 -0.13 0.00	40.42 -0.04 0.00	38.49 -0.08 0.00	38.41 -0.15 0.00	38.82 -0.23 0.00	40.67 -0.24 0.00	41.29 -0.25 0.00	44.00 -0.22 0.00	46.44 -0.38 0.00	49.91 -0.25 0.00	55.92 -0.22 0.00	55.96 -0.17 0.00	52.24 -0.42 0.00	45.78 -0.23 0.00	39.79 -0.16 0.00	36.31 -0.18 0.00

STATE_CA_115KV_115_LB 55624	43.04 0.89 0.00	38.56 0.83 0.00	35.15 0.79 0.00	31.69 0.83 0.00	31.99 0.87 0.00	33.58 0.88 0.00	38.40 0.86 0.00	41.73 0.94 0.00	43.38 0.89 0.00	41.27 0.81 0.00	39.26 0.69 0.00	39.18 0.62 0.00	39.68 0.62 0.00	41.45 0.53 0.00	41.96 0.42 0.00	44.66 0.44 0.00	47.33 0.51 0.00	50.71 0.55 0.00	56.82 0.67 0.00	56.69 0.56 0.00	53.40 0.74 0.00	46.70 0.69 0.00	40.51 0.56 0.00	36.93 0.44 0.00
STATE_ST_34_KV_LOAD 55959	42.32 0.17 0.00	37.88 0.15 0.00	34.57 0.21 0.00	30.94 0.09 0.00	31.18 0.06 0.00	32.83 0.13 0.00	37.65 0.11 0.00	40.87 0.08 0.00	42.27 -0.21 0.00	40.21 -0.24 0.00	38.42 -0.15 0.00	38.48 -0.08 0.00	39.02 -0.04 0.00	41.04 0.12 0.00	41.79 0.25 0.00	44.53 0.31 0.00	47.09 0.28 0.00	50.56 0.40 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.56 0.55 0.00	40.43 0.48 0.00	36.96 0.47 0.00
STATION_5_MISC_HYD 23604	42.24 0.08 0.00	37.73 0.00 0.00	34.57 0.21 0.00	30.76 -0.09 0.00	31.15 0.03 0.00	32.86 0.16 0.00	37.39 -0.15 0.00	40.34 -0.45 0.00	41.59 -0.89 0.00	39.69 -0.77 0.00	38.07 -0.50 0.00	38.64 0.08 0.00	39.33 0.28 0.00	41.37 0.45 0.00	42.41 0.87 0.00	45.01 0.80 0.00	47.47 0.66 0.00	51.11 0.95 0.00	56.87 0.73 0.00	57.02 0.90 0.00	53.66 1.00 0.00	46.75 0.73 0.00	41.03 1.08 0.00	37.55 1.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.11 -0.04 0.00	37.65 -0.08 0.00	34.46 0.10 0.00	30.79 -0.06 0.00	31.03 -0.09 0.00	32.76 0.07 0.00	37.42 -0.11 0.00	40.51 -0.29 0.00	41.72 -0.76 0.00	39.73 -0.73 0.00	38.11 -0.46 0.00	38.45 -0.12 0.00	39.06 0.00 0.00	41.12 0.20 0.00	42.00 0.46 0.00	44.70 0.49 0.00	47.23 0.42 0.00	50.76 0.60 0.00	56.65 0.51 0.00	56.63 0.51 0.00	53.50 0.84 0.00	46.43 0.41 0.00	40.59 0.64 0.00	37.25 0.77 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.94 -0.21 0.00	37.47 -0.26 0.00	34.36 0.00 0.00	30.70 -0.15 0.00	30.90 -0.22 0.00	32.63 -0.07 0.00	37.16 -0.38 0.00	40.18 -0.61 0.00	41.34 -1.15 0.00	39.40 -1.05 0.00	37.91 -0.66 0.00	38.37 -0.19 0.00	39.02 -0.04 0.00	41.12 0.20 0.00	42.04 0.50 0.00	44.75 0.53 0.00	47.23 0.42 0.00	50.81 0.65 0.00	56.53 0.39 0.00	56.52 0.39 0.00	53.35 0.68 0.00	46.24 0.23 0.00	40.51 0.56 0.00	37.25 0.77 0.00
STA_56___34_KV_BUS2 355983	41.94 -0.21 0.00	37.47 -0.26 0.00	34.36 0.00 0.00	30.70 -0.15 0.00	30.90 -0.22 0.00	32.63 -0.07 0.00	37.16 -0.38 0.00	40.18 -0.61 0.00	41.34 -1.15 0.00	39.40 -1.05 0.00	37.91 -0.66 0.00	38.37 -0.19 0.00	39.02 -0.04 0.00	41.12 0.20 0.00	42.04 0.50 0.00	44.75 0.53 0.00	47.23 0.42 0.00	50.81 0.65 0.00	56.53 0.39 0.00	56.52 0.39 0.00	53.35 0.68 0.00	46.24 0.23 0.00	40.51 0.56 0.00	37.25 0.77 0.00
STA_67___115KV_BK2 355882	42.11 -0.04 0.00	37.58 -0.15 0.00	34.50 0.14 0.00	30.79 -0.06 0.00	31.03 -0.09 0.00	32.76 0.07 0.00	37.27 -0.26 0.00	40.26 -0.53 0.00	41.38 -1.10 0.00	39.45 -1.01 0.00	37.95 -0.62 0.00	38.48 -0.08 0.00	39.13 0.08 0.00	41.24 0.33 0.00	42.16 0.62 0.00	44.88 0.66 0.00	47.33 0.51 0.00	50.91 0.75 0.00	56.65 0.51 0.00	56.63 0.51 0.00	53.50 0.84 0.00	46.33 0.32 0.00	40.67 0.72 0.00	37.44 0.95 0.00
STA_7___115KV_9TRANS 80674	42.45 0.30 0.00	37.88 0.15 0.00	34.74 0.38 0.00	31.01 0.15 0.00	31.25 0.12 0.00	32.99 0.29 0.00	37.57 0.04 0.00	40.59 -0.20 0.00	41.72 -0.76 0.00	39.77 -0.69 0.00	38.26 -0.31 0.00	38.79 0.23 0.00	39.49 0.43 0.00	41.61 0.70 0.00	42.58 1.04 0.00	45.32 1.11 0.00	47.79 0.98 0.00	51.47 1.30 0.00	57.32 1.18 0.00	57.25 1.12 0.00	54.08 1.42 0.00	46.79 0.78 0.00	41.03 1.08 0.00	37.76 1.28 0.00
STA_82___115KV_TB1 80780	42.11 -0.04 0.00	37.58 -0.15 0.00	34.50 0.14 0.00	30.82 -0.03 0.00	31.03 -0.09 0.00	32.76 0.07 0.00	37.31 -0.23 0.00	40.26 -0.53 0.00	41.38 -1.10 0.00	39.45 -1.01 0.00	37.95 -0.62 0.00	38.48 -0.08 0.00	39.13 0.08 0.00	41.24 0.33 0.00	42.16 0.62 0.00	44.92 0.71 0.00	47.33 0.51 0.00	50.91 0.75 0.00	56.70 0.56 0.00	56.63 0.51 0.00	53.50 0.84 0.00	46.33 0.32 0.00	40.67 0.72 0.00	37.47 0.99 0.00
STEEL___WIND 323596	41.90 -0.25 0.00	37.51 -0.23 0.00	34.57 0.21 0.00	30.51 -0.34 0.00	31.03 -0.09 0.00	32.86 0.16 0.00	36.93 -0.60 0.00	39.36 -1.43 0.00	40.19 -2.29 0.00	38.48 -1.98 0.00	37.14 -1.43 0.00	38.29 -0.27 0.00	39.25 0.20 0.00	41.33 0.41 0.00	42.70 1.16 0.00	45.10 0.88 0.00	47.23 0.42 0.00	50.61 0.45 0.00	55.97 -0.17 0.00	56.18 0.06 0.00	52.98 0.32 0.00	46.01 0.00 0.00	41.31 1.36 0.00	38.31 1.82 0.00
STEPHTWN_115KV_BK_2 55603	43.21 1.05 0.00	38.71 0.98 0.00	35.29 0.93 0.00	31.78 0.93 0.00	32.12 1.00 0.00	33.71 1.01 0.00	38.55 1.01 0.00	41.89 1.10 0.00	43.59 1.10 0.00	41.43 0.97 0.00	39.42 0.85 0.00	39.29 0.73 0.00	39.84 0.78 0.00	41.61 0.70 0.00	42.16 0.62 0.00	44.88 0.66 0.00	47.61 0.80 0.00	51.02 0.85 0.00	57.15 1.01 0.00	57.08 0.95 0.00	53.77 1.11 0.00	46.98 0.97 0.00	40.71 0.76 0.00	37.11 0.62 0.00
STEUBEN_REC_LFGE 323667	42.41 0.25 0.00	37.96 0.23 0.00	34.88 0.52 0.00	31.07 0.22 0.00	31.31 0.19 0.00	33.16 0.46 0.00	37.72 0.19 0.00	40.42 -0.37 0.00	41.12 -1.36 0.00	39.12 -1.34 0.00	37.68 -0.89 0.00	38.25 -0.31 0.00	38.98 -0.08 0.00	41.24 0.33 0.00	42.29 0.75 0.00	45.01 0.80 0.00	47.47 0.66 0.00	50.91 0.75 0.00	56.98 0.84 0.00	57.36 1.23 0.00	54.56 1.90 0.00	47.21 1.20 0.00	41.63 1.68 0.00	38.60 2.12 0.00
STILLWATER___SOLAR 323814	44.09 1.94 0.00	39.50 1.77 0.00	36.01 1.65 0.00	32.33 1.48 0.00	32.65 1.52 0.00	34.33 1.63 0.00	39.30 1.76 0.00	42.63 1.84 0.00	44.27 1.78 0.00	41.95 1.50 0.00	39.84 1.27 0.00	39.72 1.16 0.00	40.19 1.13 0.00	42.06 1.14 0.00	42.58 1.04 0.00	45.41 1.19 0.00	48.17 1.36 0.00	51.77 1.60 0.00	58.16 2.02 0.00	58.14 2.02 0.00	54.98 2.31 0.00	47.99 1.98 0.00	41.55 1.60 0.00	37.95 1.46 0.00
STONY___BROOK 24151	46.63 4.47 -0.01	41.93 4.19 -0.01	37.94 3.57 -0.01	34.01 3.15 -0.01	34.24 3.11 -0.01	36.07 3.37 -0.01	41.37 3.83 -0.01	44.67 3.88 0.00	46.01 3.52 0.00	44.39 3.92 0.00	42.04 3.47 0.00	42.08 3.51 -0.01	42.57 3.52 0.00	44.15 3.23 0.00	44.61 3.07 0.00	47.00 2.79 0.00	50.09 3.28 0.00	53.07 2.91 0.00	59.23 3.09 0.00	59.27 3.14 0.00	55.03 2.37 0.00	48.18 2.16 0.00	41.31 1.36 0.00	38.49 2.01 0.00
STURGEON_POOL_HYD 23609	44.30 2.15 0.00	39.73 2.00 0.00	36.01 1.65 0.00	32.33 1.48 0.00	32.62 1.49 0.00	34.23 1.54 0.00	39.30 1.76 0.00	42.59 1.79 0.00	44.44 1.95 0.00	42.36 1.90 0.00	40.27 1.70 0.00	40.18 1.62 0.00	40.74 1.68 0.00	42.55 1.64 0.00	43.16 1.62 0.00	45.99 1.77 0.00	48.78 1.97 0.00	51.87 1.71 0.00	58.05 1.91 0.00	57.92 1.80 0.00	54.40 1.74 0.00	47.62 1.61 0.00	41.31 1.36 0.00	37.66 1.17 0.00

ST_LAW_115_BK7_LBMP 345037	41.77 -0.38 0.00	37.39 -0.34 0.00	34.05 -0.31 0.00	30.51 -0.34 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.28 -0.26 0.00	40.67 -0.12 0.00	42.40 -0.08 0.00	40.42 -0.04 0.00	38.49 -0.08 0.00	38.41 -0.15 0.00	38.82 -0.23 0.00	40.67 -0.24 0.00	41.29 -0.25 0.00	44.00 -0.22 0.00	46.39 -0.42 0.00	49.86 -0.30 0.00	55.86 -0.28 0.00	55.96 -0.17 0.00	52.24 -0.42 0.00	45.78 -0.23 0.00	39.79 -0.16 0.00	36.31 -0.18 0.00
ST_LAW_115_BK8_LBMP 345038	41.77 -0.38 0.00	37.39 -0.34 0.00	34.05 -0.31 0.00	30.51 -0.34 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.28 -0.26 0.00	40.67 -0.12 0.00	42.40 -0.08 0.00	40.42 -0.04 0.00	38.49 -0.08 0.00	38.41 -0.15 0.00	38.82 -0.23 0.00	40.67 -0.24 0.00	41.29 -0.25 0.00	44.00 -0.22 0.00	46.39 -0.42 0.00	49.86 -0.30 0.00	55.86 -0.28 0.00	55.96 -0.17 0.00	52.24 -0.42 0.00	45.78 -0.23 0.00	39.79 -0.16 0.00	36.31 -0.18 0.00
ST_LAW_230_BK5_LBMP 345035	41.77 -0.38 0.00	37.39 -0.34 0.00	34.05 -0.31 0.00	30.51 -0.34 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.28 -0.26 0.00	40.67 -0.12 0.00	42.36 -0.13 0.00	40.42 -0.04 0.00	38.49 -0.08 0.00	38.41 -0.15 0.00	38.82 -0.23 0.00	40.67 -0.24 0.00	41.29 -0.25 0.00	44.00 -0.22 0.00	46.44 -0.38 0.00	49.91 -0.25 0.00	55.92 -0.22 0.00	55.96 -0.17 0.00	52.24 -0.42 0.00	45.78 -0.23 0.00	39.79 -0.16 0.00	36.31 -0.18 0.00
ST_LAW_230_BK6_LBMP 345036	41.77 -0.38 0.00	37.39 -0.34 0.00	34.05 -0.31 0.00	30.51 -0.34 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.28 -0.26 0.00	40.67 -0.12 0.00	42.36 -0.13 0.00	40.42 -0.04 0.00	38.49 -0.08 0.00	38.41 -0.15 0.00	38.82 -0.23 0.00	40.67 -0.24 0.00	41.29 -0.25 0.00	44.00 -0.22 0.00	46.44 -0.38 0.00	49.91 -0.25 0.00	55.92 -0.22 0.00	55.96 -0.17 0.00	52.24 -0.42 0.00	45.78 -0.23 0.00	39.79 -0.16 0.00	36.31 -0.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.26 2.11 0.00	39.69 1.96 0.00	36.01 1.65 0.00	32.33 1.48 0.00	32.62 1.49 0.00	34.30 1.60 0.00	39.30 1.76 0.00	42.63 1.84 0.00	44.44 1.95 0.00	42.40 1.94 0.00	40.34 1.77 0.00	40.26 1.70 0.00	40.81 1.76 0.00	42.68 1.76 0.00	43.24 1.70 0.00	46.03 1.81 0.00	48.82 2.01 0.00	51.87 1.71 0.00	58.05 1.91 0.00	57.92 1.80 0.00	54.45 1.79 0.00	47.62 1.61 0.00	41.31 1.36 0.00	37.69 1.20 0.00
SWANROAD_115KV_TB1 355699	41.52 -0.63 0.00	37.13 -0.60 0.00	34.33 -0.03 0.00	30.57 -0.28 0.00	30.72 -0.40 0.00	32.08 -0.62 0.00	36.30 -1.24 0.00	38.34 -2.45 0.00	38.87 -3.61 0.00	37.22 -3.24 0.00	36.14 -2.43 0.00	37.29 -1.27 0.00	38.12 -0.94 0.00	40.26 -0.65 0.00	41.46 -0.08 0.00	44.00 -0.22 0.00	45.97 -0.84 0.00	49.31 -0.85 0.00	54.40 -1.74 0.00	54.22 -1.91 0.00	51.40 -1.26 0.00	44.26 -1.75 0.00	39.79 -0.16 0.00	37.91 1.42 0.00
SYNERGY___BIOGAS 323694	42.91 0.76 0.00	38.26 0.53 0.00	35.29 0.93 0.00	31.44 0.59 0.00	31.62 0.50 0.00	33.29 0.59 0.00	37.76 0.23 0.00	40.30 -0.49 0.00	41.04 -1.44 0.00	39.12 -1.34 0.00	37.84 -0.73 0.00	38.72 0.15 0.00	39.72 0.66 0.00	41.94 1.02 0.00	43.12 1.58 0.00	45.90 1.68 0.00	48.22 1.40 0.00	51.97 1.81 0.00	57.83 1.68 0.00	57.86 1.74 0.00	54.82 2.16 0.00	47.25 1.24 0.00	41.83 1.88 0.00	39.04 2.55 0.00
SYRACUSE___ENERGY_ST1 323597	41.94 -0.21 0.00	37.54 -0.19 0.00	34.22 -0.14 0.00	30.70 -0.15 0.00	30.94 -0.19 0.00	32.53 -0.16 0.00	37.31 -0.23 0.00	40.51 -0.29 0.00	41.97 -0.51 0.00	39.97 -0.49 0.00	38.18 -0.39 0.00	38.21 -0.35 0.00	38.74 -0.31 0.00	40.71 -0.20 0.00	41.42 -0.12 0.00	44.08 -0.13 0.00	46.67 -0.14 0.00	50.06 -0.10 0.00	56.03 -0.11 0.00	56.07 -0.06 0.00	52.82 0.16 0.00	46.01 0.00 0.00	39.95 0.00 0.00	36.52 0.04 0.00
SYRACUSE___ENERGY_ST2 323598	41.94 -0.21 0.00	37.54 -0.19 0.00	34.22 -0.14 0.00	30.70 -0.15 0.00	30.94 -0.19 0.00	32.53 -0.16 0.00	37.31 -0.23 0.00	40.51 -0.29 0.00	41.97 -0.51 0.00	39.97 -0.49 0.00	38.18 -0.39 0.00	38.21 -0.35 0.00	38.74 -0.31 0.00	40.71 -0.20 0.00	41.42 -0.12 0.00	44.08 -0.13 0.00	46.67 -0.14 0.00	50.06 -0.10 0.00	56.03 -0.11 0.00	56.07 -0.06 0.00	52.82 0.16 0.00	46.01 0.00 0.00	39.95 0.00 0.00	36.52 0.04 0.00
SYRACUSE___POWER 24017	41.82 -0.34 0.00	37.43 -0.30 0.00	34.12 -0.24 0.00	30.64 -0.22 0.00	30.87 -0.25 0.00	32.44 -0.26 0.00	37.20 -0.34 0.00	40.38 -0.41 0.00	41.89 -0.59 0.00	39.85 -0.61 0.00	38.07 -0.50 0.00	38.14 -0.42 0.00	38.67 -0.39 0.00	40.63 -0.29 0.00	41.29 -0.25 0.00	44.00 -0.22 0.00	46.53 -0.28 0.00	49.96 -0.20 0.00	55.92 -0.22 0.00	55.90 -0.22 0.00	52.71 0.05 0.00	45.87 -0.14 0.00	39.87 -0.08 0.00	36.45 -0.04 0.00
TALLMAN_138KV_BK151 55660	44.56 2.40 0.00	39.99 2.26 0.00	36.25 1.89 0.00	32.58 1.73 0.00	32.83 1.71 0.00	34.53 1.83 0.00	39.60 2.06 0.00	42.95 2.16 0.00	44.82 2.34 0.00	42.76 2.31 0.00	40.69 2.12 0.00	40.61 2.04 0.00	41.20 2.15 0.00	43.04 2.13 0.00	43.58 2.04 0.00	46.38 2.17 0.00	49.15 2.34 0.00	52.17 2.01 0.00	58.33 2.19 0.00	58.15 2.02 0.00	54.61 1.95 0.00	47.81 1.79 0.00	41.51 1.56 0.00	37.84 1.35 0.00
TEALLAVE_115KV_TB7 355573	41.65 -0.51 0.00	37.28 -0.45 0.00	33.98 -0.38 0.00	30.54 -0.31 0.00	30.78 -0.34 0.00	32.31 -0.39 0.00	37.05 -0.49 0.00	40.22 -0.57 0.00	41.72 -0.76 0.00	39.73 -0.73 0.00	37.95 -0.62 0.00	37.98 -0.58 0.00	38.51 -0.55 0.00	40.47 -0.45 0.00	41.17 -0.37 0.00	43.82 -0.40 0.00	46.34 -0.47 0.00	49.76 -0.40 0.00	55.64 -0.51 0.00	55.68 -0.45 0.00	52.45 -0.21 0.00	45.69 -0.32 0.00	39.67 -0.28 0.00	36.31 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	42.15 0.00 0.00	37.65 -0.08 0.00	34.77 0.41 0.00	30.98 0.12 0.00	31.15 0.03 0.00	32.73 0.03 0.00	37.01 -0.53 0.00	39.36 -1.43 0.00	40.02 -2.46 0.00	38.23 -2.23 0.00	37.07 -1.50 0.00	38.10 -0.46 0.00	39.10 0.04 0.00	41.29 0.37 0.00	42.45 0.91 0.00	45.15 0.93 0.00	47.33 0.51 0.00	50.81 0.65 0.00	56.31 0.17 0.00	56.24 0.11 0.00	53.29 0.63 0.00	45.92 -0.09 0.00	40.91 0.96 0.00	38.42 1.93 0.00
TEMPLE___115KV_TB 2 55572	41.69 -0.46 0.00	37.32 -0.42 0.00	34.02 -0.34 0.00	30.54 -0.31 0.00	30.78 -0.34 0.00	32.34 -0.36 0.00	37.09 -0.45 0.00	40.26 -0.53 0.00	41.76 -0.72 0.00	39.73 -0.73 0.00	37.95 -0.62 0.00	38.02 -0.54 0.00	38.55 -0.51 0.00	40.51 -0.41 0.00	41.21 -0.33 0.00	43.86 -0.35 0.00	46.39 -0.42 0.00	49.81 -0.35 0.00	55.69 -0.45 0.00	55.68 -0.45 0.00	52.50 -0.16 0.00	45.69 -0.32 0.00	39.71 -0.24 0.00	36.31 -0.18 0.00
TIANA___69_KV_BK 1 55817	47.08 4.93 0.00	42.26 4.53 0.00	38.21 3.85 0.00	34.25 3.39 0.00	34.42 3.30 0.00	36.26 3.56 0.00	41.48 3.94 0.00	44.91 4.12 0.00	46.48 3.99 0.00	44.87 4.41 0.00	42.50 3.93 0.00	42.50 3.93 0.00	42.96 3.91 0.00	44.60 3.68 0.00	45.24 3.70 0.00	47.67 3.45 0.00	50.84 4.03 0.00	53.97 3.81 0.00	60.24 4.10 0.00	60.33 4.21 0.00	55.72 3.05 0.00	48.82 2.81 0.00	41.83 1.88 0.00	38.42 1.93 0.00

TILDEN___115KV_TB1 80814	41.82 -0.34 0.00	37.43 -0.30 0.00	34.12 -0.24 0.00	30.64 -0.22 0.00	30.87 -0.25 0.00	32.44 -0.26 0.00	37.20 -0.34 0.00	40.38 -0.41 0.00	41.89 -0.59 0.00	39.85 -0.61 0.00	38.07 -0.50 0.00	38.14 -0.42 0.00	38.67 -0.39 0.00	40.63 -0.29 0.00	41.29 -0.25 0.00	44.00 -0.22 0.00	46.53 -0.28 0.00	49.96 -0.20 0.00	55.92 -0.22 0.00	55.90 -0.22 0.00	52.71 0.05 0.00	45.87 -0.14 0.00	39.87 -0.08 0.00	36.45 -0.04 0.00
TRIGEN___CC 323695	45.69 3.54 0.00	40.97 3.24 0.00	37.15 2.78 0.00	33.35 2.50 0.00	33.58 2.46 0.00	35.35 2.65 0.00	40.58 3.04 0.00	43.93 3.14 0.00	45.58 3.10 0.00	43.77 3.32 0.00	41.58 3.01 0.00	41.49 2.93 0.00	42.03 2.97 0.00	43.66 2.74 0.00	44.28 2.74 0.00	46.87 2.65 0.00	49.71 2.90 0.00	52.72 2.56 0.00	58.89 2.75 0.00	58.82 2.69 0.00	54.87 2.21 0.00	48.18 2.16 0.00	41.79 1.84 0.00	38.28 1.79 0.00
TRINITY___115KV__4 BK 55933	42.87 0.72 0.00	38.41 0.68 0.00	35.01 0.65 0.00	31.56 0.71 0.00	31.90 0.78 0.00	33.48 0.78 0.00	38.25 0.71 0.00	41.57 0.78 0.00	43.21 0.72 0.00	41.10 0.65 0.00	39.11 0.54 0.00	38.99 0.42 0.00	39.53 0.47 0.00	41.29 0.37 0.00	41.79 0.25 0.00	44.44 0.22 0.00	47.14 0.33 0.00	50.46 0.30 0.00	56.53 0.39 0.00	56.41 0.28 0.00	53.14 0.47 0.00	46.52 0.51 0.00	40.35 0.40 0.00	36.78 0.29 0.00
UNION___PROCESSING_DRP 323587	42.11 -0.04 0.00	37.62 -0.11 0.00	34.50 0.14 0.00	30.82 -0.03 0.00	31.03 -0.09 0.00	32.76 0.07 0.00	37.31 -0.23 0.00	40.26 -0.53 0.00	41.42 -1.06 0.00	39.49 -0.97 0.00	37.95 -0.62 0.00	38.48 -0.08 0.00	39.13 0.08 0.00	41.24 0.33 0.00	42.21 0.66 0.00	44.92 0.71 0.00	47.37 0.56 0.00	50.91 0.75 0.00	56.70 0.56 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.38 0.37 0.00	40.67 0.72 0.00	37.47 0.99 0.00
UPPER HUDSON___HYD 24058	44.01 1.85 0.00	39.43 1.70 0.00	35.98 1.62 0.00	32.24 1.39 0.00	32.55 1.43 0.00	34.27 1.57 0.00	39.26 1.73 0.00	42.54 1.75 0.00	44.27 1.78 0.00	41.91 1.45 0.00	39.61 1.04 0.00	39.49 0.92 0.00	39.84 0.78 0.00	41.65 0.74 0.00	42.17 0.62 0.00	45.01 0.80 0.00	47.75 0.94 0.00	51.36 1.20 0.00	57.88 1.74 0.00	57.87 1.74 0.00	55.14 2.48 0.00	47.99 1.98 0.00	41.51 1.56 0.00	37.95 1.46 0.00
UPPER RAQUET___HYD 24056	42.49 0.34 0.00	38.07 0.34 0.00	34.67 0.31 0.00	31.04 0.19 0.00	31.34 0.22 0.00	32.93 0.23 0.00	38.02 0.49 0.00	41.56 0.77 0.00	43.12 0.64 0.00	41.10 0.65 0.00	39.15 0.58 0.00	39.03 0.46 0.00	39.37 0.31 0.00	41.21 0.29 0.00	41.87 0.33 0.00	44.35 0.13 0.00	46.49 -0.33 0.00	50.16 0.00 0.00	56.37 0.23 0.00	56.57 0.45 0.00	52.98 0.32 0.00	46.79 0.78 0.00	40.79 0.84 0.00	37.07 0.58 0.00
VALLEY44_115KV_TB2 355964	41.35 -0.80 0.00	36.98 -0.75 0.00	34.12 -0.24 0.00	30.42 -0.43 0.00	30.59 -0.53 0.00	32.40 -0.29 0.00	36.71 -0.83 0.00	39.16 -1.63 0.00	39.89 -2.59 0.00	38.15 -2.31 0.00	36.99 -1.58 0.00	37.91 -0.66 0.00	38.78 -0.27 0.00	41.00 0.08 0.00	41.96 0.42 0.00	44.66 0.44 0.00	46.91 0.09 0.00	50.01 -0.15 0.00	55.47 -0.67 0.00	55.40 -0.73 0.00	52.56 -0.11 0.00	45.18 -0.83 0.00	40.27 0.32 0.00	37.76 1.28 0.00
VALLEY___115KV_TB 1-4 80826	42.95 0.80 0.00	38.45 0.72 0.00	35.01 0.65 0.00	31.41 0.56 0.00	31.71 0.59 0.00	33.35 0.65 0.00	38.25 0.71 0.00	41.57 0.78 0.00	43.25 0.76 0.00	41.18 0.73 0.00	39.34 0.77 0.00	39.33 0.77 0.00	39.80 0.74 0.00	41.74 0.82 0.00	42.33 0.79 0.00	45.06 0.84 0.00	47.65 0.84 0.00	51.07 0.90 0.00	57.21 1.07 0.00	57.14 1.01 0.00	53.71 1.05 0.00	46.98 0.97 0.00	40.75 0.80 0.00	37.25 0.77 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.67 1.52 0.00	39.09 1.36 0.00	35.60 1.24 0.00	31.93 1.08 0.00	32.18 1.06 0.00	33.87 1.18 0.00	38.85 1.31 0.00	42.14 1.35 0.00	43.67 1.19 0.00	41.55 1.09 0.00	39.69 1.12 0.00	39.72 1.16 0.00	40.23 1.17 0.00	42.27 1.35 0.00	42.83 1.29 0.00	45.54 1.33 0.00	48.26 1.45 0.00	51.67 1.50 0.00	57.99 1.85 0.00	57.98 1.85 0.00	54.72 2.05 0.00	47.76 1.75 0.00	41.43 1.48 0.00	37.84 1.35 0.00
VISCHER___FERRY HYD 24020	43.71 1.56 0.00	39.16 1.43 0.00	35.67 1.31 0.00	32.12 1.27 0.00	32.40 1.28 0.00	34.04 1.34 0.00	38.96 1.43 0.00	42.26 1.47 0.00	43.93 1.45 0.00	41.75 1.29 0.00	39.69 1.12 0.00	39.60 1.04 0.00	40.11 1.05 0.00	41.90 0.98 0.00	42.45 0.91 0.00	45.23 1.02 0.00	47.93 1.12 0.00	51.42 1.25 0.00	57.55 1.40 0.00	57.42 1.29 0.00	54.24 1.58 0.00	47.39 1.38 0.00	41.07 1.12 0.00	37.51 1.02 0.00
V_A_10_SYNC_DSASP 323832	41.35 -0.80 0.00	36.98 -0.75 0.00	34.12 -0.24 0.00	30.42 -0.43 0.00	30.59 -0.53 0.00	32.44 -0.26 0.00	36.52 -1.01 0.00	39.08 -1.71 0.00	39.81 -2.68 0.00	38.07 -2.39 0.00	36.83 -1.74 0.00	37.83 -0.73 0.00	38.59 -0.47 0.00	40.75 -0.16 0.00	41.87 0.33 0.00	44.48 0.27 0.00	46.58 -0.23 0.00	49.96 -0.20 0.00	55.19 -0.95 0.00	55.06 -1.07 0.00	52.13 -0.53 0.00	45.00 -1.01 0.00	40.19 0.24 0.00	37.58 1.09 0.00
V_CMM_10_SYNC_DSASP 323787	41.98 -0.17 0.00	37.62 -0.11 0.00	34.23 -0.14 0.00	30.67 -0.18 0.00	30.94 -0.19 0.00	32.50 -0.20 0.00	37.46 -0.07 0.00	40.91 0.12 0.00	42.57 0.09 0.00	40.62 0.16 0.00	38.69 0.12 0.00	38.60 0.04 0.00	39.02 -0.04 0.00	40.88 -0.04 0.00	41.50 -0.04 0.00	44.22 0.00 0.00	46.62 -0.19 0.00	50.16 0.00 0.00	56.14 0.00 0.00	56.24 0.11 0.00	52.56 -0.11 0.00	46.06 0.05 0.00	40.03 0.08 0.00	36.52 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	42.74 0.59 0.00	38.26 0.53 0.00	34.81 0.45 0.00	31.16 0.31 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.10 0.56 0.00	41.65 0.86 0.00	43.29 0.81 0.00	41.31 0.85 0.00	39.38 0.81 0.00	39.26 0.69 0.00	39.64 0.59 0.00	41.53 0.61 0.00	42.20 0.66 0.00	45.01 0.80 0.00	47.47 0.66 0.00	51.11 0.95 0.00	57.26 1.12 0.00	57.42 1.29 0.00	53.66 1.00 0.00	47.02 1.01 0.00	40.87 0.92 0.00	37.26 0.77 0.00
V_D_10_SYNC_DSASP 323841	42.24 0.08 0.00	37.84 0.11 0.00	34.43 0.07 0.00	30.85 0.00 0.00	31.12 0.00 0.00	32.70 0.00 0.00	37.72 0.19 0.00	41.20 0.41 0.00	42.82 0.34 0.00	40.86 0.40 0.00	38.96 0.39 0.00	38.83 0.27 0.00	39.21 0.16 0.00	41.08 0.16 0.00	41.75 0.21 0.00	44.48 0.27 0.00	46.86 0.05 0.00	50.41 0.25 0.00	56.48 0.34 0.00	56.57 0.45 0.00	52.93 0.26 0.00	46.43 0.41 0.00	40.39 0.44 0.00	36.75 0.26 0.00
V_E_10_SYNC_DSASP 323830	45.02 2.87 0.00	40.22 2.49 0.00	36.70 2.34 0.00	32.80 1.94 0.00	33.21 2.09 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.48 2.69 0.00	44.56 2.08 0.00	42.16 1.70 0.00	40.31 1.74 0.00	40.30 1.74 0.00	40.74 1.68 0.00	42.96 2.04 0.00	43.62 2.08 0.00	46.34 2.12 0.00	49.15 2.34 0.00	53.02 2.86 0.00	59.85 3.70 0.00	60.05 3.93 0.00	57.03 4.37 0.00	49.79 3.77 0.00	43.11 3.16 0.00	39.34 2.85 0.00

V_F_30_NSYNC___DSASP 323816	44.13 1.98 0.00	39.54 1.81 0.00	36.05 1.68 0.00	32.36 1.51 0.00	32.68 1.56 0.00	34.36 1.67 0.00	39.34 1.80 0.00	42.67 1.88 0.00	44.31 1.83 0.00	42.03 1.58 0.00	39.92 1.35 0.00	39.80 1.23 0.00	40.27 1.21 0.00	42.14 1.23 0.00	42.70 1.16 0.00	45.54 1.33 0.00	48.26 1.45 0.00	51.82 1.65 0.00	58.27 2.13 0.00	58.20 2.08 0.00	55.09 2.42 0.00	48.03 2.02 0.00	41.59 1.64 0.00	37.98 1.50 0.00
V_F_30_SYNC_DSASP 323786	43.04 0.89 0.00	38.56 0.83 0.00	35.15 0.79 0.00	31.65 0.80 0.00	31.99 0.87 0.00	33.58 0.88 0.00	38.36 0.83 0.00	41.73 0.94 0.00	43.38 0.89 0.00	41.27 0.81 0.00	39.26 0.69 0.00	39.14 0.58 0.00	39.68 0.62 0.00	41.45 0.53 0.00	41.96 0.42 0.00	44.66 0.44 0.00	47.33 0.51 0.00	50.71 0.55 0.00	56.82 0.67 0.00	56.69 0.56 0.00	53.40 0.74 0.00	46.70 0.69 0.00	40.51 0.56 0.00	36.93 0.44 0.00
V_XM_10_SYNC_DSASP 323789	42.74 0.59 0.00	38.26 0.53 0.00	34.81 0.45 0.00	31.16 0.31 0.00	31.43 0.31 0.00	33.02 0.33 0.00	38.10 0.56 0.00	41.65 0.86 0.00	43.29 0.81 0.00	41.31 0.85 0.00	39.38 0.81 0.00	39.26 0.69 0.00	39.64 0.59 0.00	41.53 0.61 0.00	42.20 0.66 0.00	45.01 0.80 0.00	47.47 0.66 0.00	51.11 0.95 0.00	57.26 1.12 0.00	57.42 1.29 0.00	53.66 1.00 0.00	47.02 1.01 0.00	40.87 0.92 0.00	37.26 0.77 0.00
W.BABYLN_69_KV_BK1 56697	46.83 4.68 0.00	42.07 4.34 0.00	38.11 3.75 0.00	34.15 3.30 0.00	34.39 3.27 0.00	36.23 3.53 0.00	41.55 4.02 0.00	44.91 4.12 0.00	46.43 3.95 0.00	44.79 4.33 0.00	42.39 3.82 0.00	42.38 3.82 0.00	42.88 3.83 0.00	44.52 3.60 0.00	45.16 3.61 0.00	47.67 3.45 0.00	50.70 3.89 0.00	53.82 3.66 0.00	60.07 3.93 0.00	60.17 4.04 0.00	55.93 3.27 0.00	49.00 2.99 0.00	42.43 2.48 0.00	38.90 2.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	44.72 2.57 0.00	40.11 2.38 0.00	36.35 1.99 0.00	32.67 1.82 0.00	32.93 1.81 0.00	34.63 1.93 0.00	39.71 2.18 0.00	43.04 2.24 0.00	44.95 2.46 0.00	42.88 2.43 0.00	40.81 2.24 0.00	40.72 2.16 0.00	41.28 2.23 0.00	43.13 2.21 0.00	43.70 2.16 0.00	46.52 2.30 0.00	49.29 2.48 0.00	52.32 2.16 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.82 2.16 0.00	47.99 1.98 0.00	41.63 1.68 0.00	37.95 1.46 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.19 3.04 0.00	40.52 2.79 0.00	36.70 2.34 0.00	32.92 2.07 0.00	33.15 2.02 0.00	34.89 2.19 0.00	40.13 2.59 0.00	43.61 2.81 0.00	45.54 3.06 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.26 2.70 0.00	41.79 2.73 0.00	43.70 2.78 0.00	44.24 2.70 0.00	47.09 2.87 0.00	49.85 3.04 0.00	52.72 2.56 0.00	58.95 2.81 0.00	58.71 2.58 0.00	55.08 2.42 0.00	48.31 2.30 0.00	41.91 1.96 0.00	38.13 1.64 0.00
W50THST__13_KV_LOAD 356117	45.44 3.29 0.00	40.75 3.02 0.00	36.87 2.51 0.00	33.07 2.22 0.00	33.33 2.21 0.00	35.08 2.39 0.00	40.39 2.85 0.00	43.85 3.06 0.00	45.84 3.36 0.00	43.73 3.28 0.00	41.58 3.01 0.00	41.53 2.97 0.00	42.06 3.01 0.00	43.99 3.07 0.00	44.53 2.99 0.00	47.40 3.18 0.00	50.18 3.37 0.00	53.02 2.86 0.00	59.29 3.14 0.00	59.04 2.92 0.00	55.40 2.74 0.00	48.54 2.53 0.00	42.11 2.16 0.00	38.31 1.82 0.00
WADING RIVER_IC_1 23522	46.29 4.13 -0.01	41.59 3.85 -0.01	37.64 3.27 -0.01	33.70 2.84 -0.01	33.93 2.80 -0.01	35.75 3.04 -0.01	40.96 3.42 -0.01	44.26 3.47 0.00	45.63 3.14 0.00	43.98 3.52 -0.01	41.66 3.09 0.00	41.66 3.09 -0.01	42.14 3.08 0.00	43.70 2.78 0.00	44.20 2.66 0.00	46.65 2.43 0.00	49.76 2.95 0.00	52.77 2.61 0.00	58.89 2.75 0.00	58.93 2.81 0.00	54.66 2.00 0.00	47.76 1.75 0.00	40.63 0.68 0.00	37.87 1.39 0.00
WADING RIVER_IC_2 23547	46.29 4.13 -0.01	41.59 3.85 -0.01	37.64 3.27 -0.01	33.70 2.84 -0.01	33.93 2.80 -0.01	35.75 3.04 -0.01	40.96 3.42 -0.01	44.26 3.47 0.00	45.63 3.14 0.00	43.98 3.52 -0.01	41.66 3.09 0.00	41.66 3.09 -0.01	42.14 3.08 0.00	43.70 2.78 0.00	44.20 2.66 0.00	46.65 2.43 0.00	49.76 2.95 0.00	52.77 2.61 0.00	58.89 2.75 0.00	58.93 2.81 0.00	54.66 2.00 0.00	47.76 1.75 0.00	40.63 0.68 0.00	37.87 1.39 0.00
WADING RIVER_IC_3 23601	46.29 4.13 -0.01	41.59 3.85 -0.01	37.64 3.27 -0.01	33.70 2.84 -0.01	33.93 2.80 -0.01	35.75 3.04 -0.01	40.96 3.42 -0.01	44.26 3.47 0.00	45.63 3.14 0.00	43.98 3.52 -0.01	41.66 3.09 0.00	41.66 3.09 -0.01	42.14 3.08 0.00	43.70 2.78 0.00	44.20 2.66 0.00	46.65 2.43 0.00	49.76 2.95 0.00	52.77 2.61 0.00	58.89 2.75 0.00	58.93 2.81 0.00	54.66 2.00 0.00	47.76 1.75 0.00	40.63 0.68 0.00	37.87 1.39 0.00
WALDENNY_12_KV_BK2 80841	41.94 -0.21 0.00	37.47 -0.26 0.00	34.64 0.27 0.00	30.85 0.00 0.00	31.03 -0.09 0.00	32.76 0.07 0.00	36.94 -0.60 0.00	39.36 -1.43 0.00	40.02 -2.46 0.00	38.31 -2.14 0.00	37.22 -1.35 0.00	38.29 -0.27 0.00	39.17 0.12 0.00	41.41 0.49 0.00	42.54 1.00 0.00	45.23 1.02 0.00	47.33 0.51 0.00	50.66 0.50 0.00	56.03 -0.11 0.00	55.90 -0.22 0.00	52.98 0.32 0.00	45.55 -0.46 0.00	40.79 0.84 0.00	38.42 1.93 0.00
WALDEN___HYDRO 24148	44.47 2.32 0.00	39.88 2.15 0.00	36.18 1.82 0.00	32.49 1.64 0.00	32.74 1.62 0.00	34.43 1.73 0.00	39.49 1.95 0.00	42.79 2.00 0.00	44.65 2.17 0.00	42.52 2.06 0.00	40.46 1.89 0.00	40.37 1.81 0.00	40.93 1.87 0.00	42.80 1.88 0.00	43.37 1.83 0.00	46.21 1.99 0.00	49.01 2.20 0.00	52.12 1.96 0.00	58.33 2.19 0.00	58.26 2.13 0.00	54.72 2.05 0.00	47.90 1.89 0.00	41.51 1.56 0.00	37.84 1.35 0.00
WARRENSBURG____ 23737	44.01 1.85 0.00	39.43 1.70 0.00	35.98 1.62 0.00	32.24 1.39 0.00	32.55 1.43 0.00	34.30 1.60 0.00	39.26 1.73 0.00	42.55 1.75 0.00	44.27 1.78 0.00	41.91 1.46 0.00	39.61 1.04 0.00	39.49 0.93 0.00	39.84 0.78 0.00	41.65 0.74 0.00	42.25 0.71 0.00	44.97 0.75 0.00	47.70 0.89 0.00	51.37 1.20 0.00	57.88 1.74 0.00	57.92 1.80 0.00	55.14 2.48 0.00	48.04 2.02 0.00	41.55 1.60 0.00	37.95 1.46 0.00
WATERSIDE___6 8 9 23538	45.40 3.25 0.00	40.67 2.94 0.00	36.84 2.47 0.00	33.04 2.19 0.00	33.30 2.18 0.00	34.99 2.29 0.00	40.16 2.63 0.00	43.57 2.77 0.00	45.50 3.02 0.00	43.41 2.95 0.00	41.27 2.70 0.00	41.22 2.66 0.00	41.79 2.73 0.00	43.70 2.78 0.00	44.28 2.74 0.00	47.22 3.01 0.00	49.85 3.04 0.00	52.32 2.16 0.00	58.39 2.25 0.00	58.20 2.08 0.00	54.61 1.95 0.00	48.04 2.02 0.00	41.79 1.84 0.00	38.09 1.61 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.74 0.59 0.00	38.26 0.53 0.00	34.84 0.48 0.00	31.28 0.43 0.00	31.56 0.44 0.00	33.19 0.49 0.00	38.06 0.53 0.00	41.36 0.57 0.00	43.04 0.55 0.00	40.98 0.53 0.00	39.07 0.50 0.00	39.10 0.54 0.00	39.56 0.51 0.00	41.49 0.57 0.00	42.08 0.54 0.00	44.79 0.57 0.00	47.42 0.61 0.00	50.76 0.60 0.00	56.87 0.73 0.00	56.80 0.67 0.00	53.40 0.74 0.00	46.70 0.69 0.00	40.51 0.56 0.00	37.04 0.55 0.00

WDELAWARE___HYD 323627	44.60 2.44 0.00	39.96 2.23 0.00	36.22 1.85 0.00	32.49 1.63 0.00	32.74 1.62 0.00	34.46 1.76 0.00	39.52 1.99 0.00	42.83 2.04 0.00	44.65 2.17 0.00	42.48 2.02 0.00	40.46 1.89 0.00	40.41 1.85 0.00	40.93 1.87 0.00	42.84 1.92 0.00	43.45 1.91 0.00	46.34 2.12 0.00	49.20 2.39 0.00	52.47 2.31 0.00	58.89 2.75 0.00	58.71 2.58 0.00	55.24 2.58 0.00	48.22 2.21 0.00	41.75 1.80 0.00	38.09 1.60 0.00
WEST BABYLON___IC 23714	46.83 4.68 0.00	42.07 4.34 0.00	38.11 3.75 0.00	34.15 3.30 0.00	34.39 3.27 0.00	36.23 3.53 0.00	41.55 4.02 0.00	44.91 4.12 0.00	46.43 3.95 0.00	44.79 4.33 0.00	42.39 3.82 0.00	42.38 3.83 0.00	42.88 3.83 0.00	44.52 3.60 0.00	45.16 3.61 0.00	47.67 3.45 0.00	50.70 3.89 0.00	53.82 3.66 0.00	60.07 3.93 0.00	60.17 4.04 0.00	55.93 3.27 0.00	49.00 2.99 0.00	42.43 2.48 0.00	38.90 2.41 0.00
WEST CANADA___HYD 24049	42.36 0.21 0.00	37.92 0.19 0.00	34.53 0.17 0.00	31.01 0.16 0.00	31.28 0.16 0.00	32.86 0.16 0.00	37.72 0.19 0.00	40.96 0.16 0.00	42.61 0.13 0.00	40.58 0.12 0.00	38.69 0.12 0.00	38.68 0.12 0.00	39.17 0.12 0.00	41.00 0.08 0.00	41.62 0.08 0.00	44.31 0.09 0.00	46.91 0.09 0.00	50.26 0.10 0.00	56.25 0.11 0.00	56.24 0.11 0.00	52.87 0.21 0.00	46.20 0.18 0.00	40.07 0.12 0.00	36.60 0.11 0.00
WESTERN_NY_WIND 24143	42.87 0.72 0.00	38.22 0.49 0.00	35.26 0.89 0.00	31.41 0.56 0.00	31.59 0.47 0.00	33.25 0.56 0.00	37.69 0.15 0.00	40.26 -0.53 0.00	40.95 -1.53 0.00	39.04 -1.42 0.00	37.80 -0.77 0.00	38.68 0.12 0.00	39.68 0.62 0.00	41.94 1.02 0.00	43.12 1.58 0.00	45.85 1.64 0.00	48.22 1.40 0.00	51.97 1.81 0.00	57.77 1.63 0.00	57.81 1.68 0.00	54.77 2.11 0.00	47.21 1.20 0.00	41.79 1.84 0.00	39.08 2.59 0.00
WESTOVER___LESR 323668	42.49 0.34 0.00	38.03 0.30 0.00	34.74 0.38 0.00	31.10 0.25 0.00	31.34 0.22 0.00	33.02 0.33 0.00	37.76 0.23 0.00	40.87 0.08 0.00	42.19 -0.30 0.00	40.21 -0.24 0.00	38.49 -0.08 0.00	38.72 0.15 0.00	39.29 0.23 0.00	41.33 0.41 0.00	42.08 0.54 0.00	44.79 0.57 0.00	47.37 0.56 0.00	50.71 0.55 0.00	56.65 0.51 0.00	56.69 0.56 0.00	53.50 0.84 0.00	46.52 0.51 0.00	40.59 0.64 0.00	37.29 0.80 0.00
WETHRSFD_WT_PWR 323626	41.73 -0.42 0.00	37.39 -0.34 0.00	34.36 0.00 0.00	30.42 -0.43 0.00	30.91 -0.22 0.00	32.70 0.00 0.00	36.90 -0.64 0.00	39.32 -1.47 0.00	40.06 -2.42 0.00	38.23 -2.23 0.00	36.83 -1.73 0.00	37.75 -0.81 0.00	38.59 -0.47 0.00	40.67 -0.24 0.00	41.96 0.42 0.00	44.39 0.18 0.00	46.62 -0.19 0.00	50.01 -0.15 0.00	55.58 -0.56 0.00	56.12 0.00 0.00	53.08 0.42 0.00	46.20 0.18 0.00	41.19 1.24 0.00	38.09 1.60 0.00
WHAVSTOR_138KV_BK127 55557	44.51 2.36 0.00	39.92 2.19 0.00	36.22 1.86 0.00	32.55 1.70 0.00	32.80 1.68 0.00	34.50 1.80 0.00	39.56 2.03 0.00	42.87 2.08 0.00	44.74 2.25 0.00	42.68 2.23 0.00	40.61 2.04 0.00	40.57 2.01 0.00	41.13 2.07 0.00	42.92 2.00 0.00	43.49 1.95 0.00	46.30 2.08 0.00	49.06 2.25 0.00	52.02 1.86 0.00	58.22 2.08 0.00	58.03 1.91 0.00	54.50 1.84 0.00	47.71 1.70 0.00	41.43 1.48 0.00	37.76 1.28 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.51 2.36 0.00	39.92 2.19 0.00	36.22 1.86 0.00	32.55 1.70 0.00	32.80 1.68 0.00	34.50 1.80 0.00	39.56 2.03 0.00	42.87 2.08 0.00	44.74 2.25 0.00	42.68 2.23 0.00	40.61 2.04 0.00	40.57 2.01 0.00	41.13 2.07 0.00	42.92 2.00 0.00	43.49 1.95 0.00	46.30 2.08 0.00	49.06 2.25 0.00	52.02 1.86 0.00	58.22 2.08 0.00	58.03 1.91 0.00	54.50 1.84 0.00	47.71 1.70 0.00	41.43 1.48 0.00	37.76 1.28 0.00
WHITEHAL_115KV_TB1 80871	45.06 2.91 0.00	40.33 2.60 0.00	36.84 2.47 0.00	32.95 2.10 0.00	33.30 2.18 0.00	35.08 2.39 0.00	40.20 2.67 0.00	43.52 2.73 0.00	45.24 2.76 0.00	42.76 2.31 0.00	40.42 1.85 0.00	40.30 1.74 0.00	40.66 1.60 0.00	42.55 1.64 0.00	43.16 1.62 0.00	45.94 1.72 0.00	48.78 1.97 0.00	52.62 2.46 0.00	59.40 3.26 0.00	59.55 3.42 0.00	56.66 4.00 0.00	49.33 3.31 0.00	42.59 2.64 0.00	38.86 2.37 0.00
WHITEPLN_13_KV_LOAD 356215	45.31 3.16 0.00	40.64 2.91 0.00	36.84 2.47 0.00	33.01 2.16 0.00	33.27 2.15 0.00	35.02 2.32 0.00	40.24 2.70 0.00	43.69 2.90 0.00	45.63 3.14 0.00	43.49 3.03 0.00	41.42 2.85 0.00	41.30 2.74 0.00	41.91 2.85 0.00	43.74 2.82 0.00	44.28 2.74 0.00	47.14 2.92 0.00	49.99 3.18 0.00	52.92 2.76 0.00	59.40 3.26 0.00	59.16 3.03 0.00	55.51 2.84 0.00	48.45 2.44 0.00	42.03 2.08 0.00	38.24 1.75 0.00
WM_FLOYD_69_KV_BK2 356380	46.75 4.59 0.00	41.99 4.26 0.00	38.00 3.64 0.00	34.06 3.21 0.00	34.30 3.17 0.00	36.13 3.43 0.00	41.40 3.87 0.00	44.71 3.92 0.00	46.22 3.74 0.00	44.58 4.13 0.00	42.19 3.63 0.00	42.15 3.59 0.00	42.65 3.59 0.00	44.27 3.36 0.00	44.91 3.36 0.00	47.22 3.01 0.00	50.32 3.51 0.00	53.42 3.26 0.00	59.68 3.54 0.00	59.77 3.65 0.00	55.40 2.74 0.00	48.64 2.62 0.00	41.71 1.76 0.00	38.28 1.79 0.00
WOODARD___115KV_TB2 355635	41.65 -0.51 0.00	37.28 -0.45 0.00	33.98 -0.38 0.00	30.51 -0.34 0.00	30.75 -0.37 0.00	32.31 -0.39 0.00	37.05 -0.49 0.00	40.22 -0.57 0.00	41.72 -0.76 0.00	39.73 -0.73 0.00	37.91 -0.66 0.00	37.98 -0.58 0.00	38.51 -0.55 0.00	40.43 -0.49 0.00	41.13 -0.42 0.00	43.77 -0.44 0.00	46.34 -0.47 0.00	49.71 -0.45 0.00	55.64 -0.51 0.00	55.62 -0.51 0.00	52.40 -0.26 0.00	45.64 -0.37 0.00	39.67 -0.28 0.00	36.27 -0.22 0.00
WOODMERE_69_KV_BK1 55827	46.24 4.09 0.00	41.47 3.74 0.00	37.56 3.20 0.00	33.72 2.87 0.00	33.99 2.86 0.00	35.74 3.04 0.00	41.03 3.49 0.00	44.42 3.63 0.00	46.05 3.57 0.00	44.26 3.80 0.00	42.04 3.47 0.00	42.03 3.47 0.00	42.53 3.48 0.00	44.19 3.27 0.00	44.82 3.28 0.00	47.40 3.18 0.00	50.32 3.51 0.00	53.42 3.26 0.00	59.68 3.54 0.00	59.72 3.59 0.00	55.61 2.95 0.00	48.77 2.76 0.00	42.31 2.36 0.00	38.82 2.34 0.00
YORK___WARBASSE 23770	45.61 3.46 0.00	40.86 3.13 0.00	36.94 2.58 0.00	33.14 2.28 0.00	33.36 2.24 0.00	35.02 2.32 0.00	40.20 2.67 0.00	43.61 2.81 0.00	45.58 3.10 0.00	43.45 2.99 0.00	41.31 2.74 0.00	41.30 2.74 0.00	41.87 2.81 0.00	43.86 2.95 0.00	44.45 2.91 0.00	47.40 3.18 0.00	49.95 3.14 0.00	52.37 2.21 0.00	58.56 2.41 0.00	58.37 2.24 0.00	54.77 2.11 0.00	48.08 2.07 0.00	41.91 1.96 0.00	38.20 1.71 0.00