

Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion												
Generator Data		03/25/2025																																
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	41.34	39.29	37.68	37.35	38.09	42.58	56.82	65.16	58.12	44.49	41.86	40.06	37.60	37.48	36.21	36.97	40.47	47.48	58.19	67.46	63.76	51.55	45.56	42.63									
		2.12	1.94	1.66	1.51	1.68	2.03	3.27	4.15	3.85	3.30	2.92	2.76	2.62	2.52	2.49	2.55	2.93	3.68	3.91	4.18	3.84	3.06	2.62	2.03									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.42	39.32	37.71	37.46	38.13	42.66	56.82	65.16	58.01	44.32	41.74	39.95	37.46	37.38	36.11	36.87	40.39	47.31	58.24	67.46	63.81	51.55	45.61	42.59									
		2.20	1.98	1.69	1.61	1.71	2.11	3.27	4.15	3.74	3.13	2.80	2.65	2.48	2.41	2.39	2.44	2.85	3.50	3.96	4.18	3.89	3.05	2.66	1.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.42	39.32	37.71	37.46	38.13	42.66	56.82	65.16	58.01	44.32	41.74	39.95	37.46	37.38	36.11	36.87	40.39	47.31	58.24	67.46	63.81	51.55	45.61	42.59									
		2.20	1.98	1.69	1.61	1.71	2.11	3.27	4.15	3.74	3.13	2.80	2.65	2.48	2.41	2.39	2.44	2.85	3.50	3.96	4.18	3.89	3.05	2.66	1.99									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.69	39.59	38.04	37.85	38.56	43.19	57.14	65.22	57.79	43.54	41.08	39.28	36.69	36.57	35.30	36.14	39.60	46.39	56.77	66.01	62.38	50.38	44.45	41.90									
		2.47	2.24	2.02	2.01	2.15	2.64	3.59	4.21	3.53	2.35	2.14	1.98	1.71	1.61	1.58	1.72	2.06	2.58	2.50	2.72	2.46	1.89	1.50	1.30									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY	23798	41.85	39.74	38.22	38.00	38.75	43.39	57.46	65.59	58.06	43.70	41.24	39.39	36.79	36.64	35.40	36.25	39.71	46.52	58.24	67.97	64.17	51.79	45.61	43.08									
		2.63	2.39	2.20	2.15	2.33	2.84	3.91	4.58	3.80	2.51	2.30	2.09	1.82	1.68	1.69	1.82	2.18	2.72	3.96	4.68	4.25	3.30	2.66	2.48									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.69	39.59	38.04	37.85	38.56	43.19	57.14	65.22	57.79	43.54	41.08	39.28	36.69	36.57	35.30	36.14	39.60	46.39	56.77	66.01	62.38	50.38	44.45	41.90									
		2.47	2.24	2.02	2.01	2.15	2.64	3.59	4.21	3.53	2.35	2.14	1.98	1.71	1.61	1.58	1.72	2.06	2.58	2.50	2.72	2.46	1.89	1.50	1.30									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM	23527	41.26	39.25	37.71	37.42	38.09	42.66	56.07	64.06	57.14	43.29	40.73	39.02	36.62	36.64	35.27	36.08	39.56	46.26	57.15	65.94	62.44	50.58	44.71	42.35									
		2.04	1.90	1.69	1.58	1.68	2.11	2.52	3.05	2.87	2.10	1.79	1.72	1.64	1.68	1.55	1.65	2.03	2.45	2.87	2.66	2.52	2.08	1.76	1.74									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.97	37.98	36.56	36.35	36.96	41.24	54.41	62.29	55.29	41.97	39.60	38.01	35.71	35.74	34.46	35.22	38.48	44.81	55.47	64.24	60.82	49.27	43.55	41.05									
		0.75	0.63	0.54	0.50	0.55	0.69	0.86	1.28	1.03	0.78	0.66	0.71	0.73	0.77	0.74	0.79	0.94	1.01	1.19	0.95	0.90	0.78	0.60	0.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.91	37.12	35.84	35.70	36.27	40.47	53.34	60.46	53.72	40.70	38.47	36.82	34.55	34.55	33.34	33.94	37.05	43.37	53.90	62.91	59.74	48.54	43.03	40.73									
		-0.31	-0.22	-0.18	-0.14	-0.15	-0.08	-0.21	-0.55	-0.54	-0.49	-0.47	-0.48	-0.42	-0.42	-0.37	-0.48	-0.49	-0.44	-0.38	-0.38	-0.18	0.05	0.09	0.12									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR	323833	40.59	38.58	37.14	36.96	37.58	41.93	55.32	63.02	55.89	42.26	39.80	38.12	35.78	35.73	34.52	35.28	38.63	45.21	56.18	65.25	61.72	50.00	44.23	41.78									
		1.37	1.23	1.12	1.11	1.16	1.38	1.76	2.01	1.63	1.07	0.86	0.82	0.81	0.77	0.81	0.86	1.09	1.40	1.90	1.96	1.80	1.50	1.29	1.18									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.59	38.58	37.14	36.96	37.58	41.89	55.32	63.02	55.84	42.26	39.80	38.12	35.78	35.73	34.49	35.28	38.63	45.21	56.12	65.18	61.72	50.00	44.23	41.78									
		1.37	1.23	1.12	1.11	1.16	1.34	1.76	2.01	1.57	1.07	0.86	0.82	0.81	0.77	0.78	0.86	1.09	1.40	1.85	1.90	1.80	1.50	1.29	1.18									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23571	39.97	37.98	36.56	36.35	36.96	41.24	54.41	62.29	55.29	41.97	39.60	38.01	35.71	35.74	34.46	35.22	38.48	44.81	55.47	64.24	60.82	49.27	43.55	41.05									
		0.75	0.63	0.54	0.50	0.55	0.69	0.86	1.28	1.03	0.78	0.66	0.71	0.73	0.77	0.74	0.79	0.94	1.01	1.19	0.95	0.90	0.78	0.60	0.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.97 0.75 0.00	37.98 0.63 0.00	36.56 0.54 0.00	36.35 0.50 0.00	36.96 0.55 0.00	41.24 0.69 0.00	54.41 0.86 0.00	62.29 1.28 0.00	55.29 1.03 0.00	41.97 0.78 0.00	39.60 0.66 0.00	38.01 0.71 0.00	35.71 0.73 0.00	35.74 0.77 0.00	34.46 0.74 0.00	35.22 0.79 0.00	38.48 0.94 0.00	44.81 1.01 0.00	55.47 1.19 0.00	64.24 0.95 0.00	60.82 0.90 0.00	49.27 0.78 0.00	43.55 0.60 0.00	41.05 0.45 0.00
ALBANY___3 23573	39.97 0.75 0.00	37.98 0.63 0.00	36.56 0.54 0.00	36.35 0.50 0.00	36.96 0.55 0.00	41.24 0.69 0.00	54.41 0.86 0.00	62.29 1.28 0.00	55.29 1.03 0.00	41.97 0.78 0.00	39.60 0.66 0.00	38.01 0.71 0.00	35.71 0.73 0.00	35.74 0.77 0.00	34.46 0.74 0.00	35.22 0.79 0.00	38.48 0.94 0.00	44.81 1.01 0.00	55.47 1.19 0.00	64.24 0.95 0.00	60.82 0.90 0.00	49.27 0.78 0.00	43.55 0.60 0.00	41.05 0.45 0.00
ALBANY___4 23574	39.97 0.75 0.00	37.98 0.63 0.00	36.56 0.54 0.00	36.35 0.50 0.00	36.96 0.55 0.00	41.24 0.69 0.00	54.41 0.86 0.00	62.29 1.28 0.00	55.29 1.03 0.00	41.97 0.78 0.00	39.60 0.66 0.00	38.01 0.71 0.00	35.71 0.73 0.00	35.74 0.77 0.00	34.46 0.74 0.00	35.22 0.79 0.00	38.48 0.94 0.00	44.81 1.01 0.00	55.47 1.19 0.00	64.24 0.95 0.00	60.82 0.90 0.00	49.27 0.78 0.00	43.55 0.60 0.00	41.05 0.45 0.00
ALBANY___LFGE 323615	40.32 1.10 0.00	38.28 0.93 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.60 1.05 0.00	54.90 1.34 0.00	62.78 1.77 0.00	55.89 1.63 0.00	42.34 1.15 0.00	39.99 1.05 0.00	38.35 1.04 0.00	35.99 1.01 0.00	35.94 0.98 0.00	34.73 1.01 0.00	35.49 1.07 0.00	38.74 1.20 0.00	45.16 1.36 0.00	56.01 1.74 0.00	64.93 1.64 0.00	61.42 1.50 0.00	49.70 1.21 0.00	43.93 0.99 0.00	41.50 0.89 0.00
ALCOA_PA_115KV_PL-6C 55860	38.95 -0.27 0.00	37.16 -0.19 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.34 -0.07 0.00	40.59 0.04 0.00	53.45 -0.11 0.00	60.58 -0.43 0.00	53.78 -0.49 0.00	40.65 -0.54 0.00	38.43 -0.51 0.00	36.78 -0.52 0.00	34.52 -0.45 0.00	34.51 -0.45 0.00	33.34 -0.37 0.00	33.91 -0.52 0.00	37.01 -0.53 0.00	43.37 -0.44 0.00	54.01 -0.27 0.00	63.10 -0.19 0.00	59.92 0.00 0.00	48.73 0.24 0.00	43.20 0.26 0.00	40.93 0.32 0.00
ALCOA_RYNLDS___DRP 24188	38.95 -0.27 0.00	37.16 -0.19 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.34 -0.07 0.00	40.59 0.04 0.00	53.45 -0.11 0.00	60.58 -0.43 0.00	53.78 -0.49 0.00	40.65 -0.54 0.00	38.43 -0.51 0.00	36.78 -0.52 0.00	34.52 -0.45 0.00	34.51 -0.45 0.00	33.34 -0.37 0.00	33.91 -0.52 0.00	37.01 -0.53 0.00	43.37 -0.44 0.00	54.01 -0.27 0.00	63.10 -0.19 0.00	59.92 0.00 0.00	48.73 0.24 0.00	43.20 0.26 0.00	40.93 0.32 0.00
ALCOA___DSASP 323711	38.95 -0.27 0.00	37.16 -0.19 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.34 -0.07 0.00	40.59 0.04 0.00	53.50 -0.05 0.00	60.71 -0.30 0.00	53.77 -0.49 0.00	40.65 -0.54 0.00	38.43 -0.51 0.00	36.78 -0.52 0.00	34.52 -0.46 0.00	34.55 -0.42 0.00	33.34 -0.37 0.00	33.91 -0.52 0.00	37.01 -0.53 0.00	43.37 -0.44 0.00	54.01 -0.27 0.00	63.10 -0.19 0.00	59.92 0.00 0.00	48.74 0.24 0.00	43.20 0.26 0.00	40.93 0.32 0.00
ALLEGHENY___COGEN 23514	38.87 -0.35 0.00	37.20 -0.15 0.00	36.13 0.11 0.00	35.99 0.14 0.00	36.49 0.07 0.00	40.55 0.00 0.00	53.40 -0.16 0.00	60.28 -0.73 0.00	52.91 -1.35 0.00	39.58 -1.61 0.00	37.46 -1.48 0.00	35.92 -1.38 0.00	33.44 -1.54 0.00	33.36 -1.61 0.00	32.13 -1.58 0.00	33.22 -1.21 0.00	36.37 -1.16 0.00	41.26 -2.54 0.00	51.78 -2.50 0.00	62.59 -0.69 0.00	59.38 -0.54 0.00	47.62 -0.87 0.00	42.09 -0.86 0.00	41.58 0.97 0.00
ALTAMONT_115KV_TB 2 55880	40.28 1.06 0.00	38.28 0.93 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.57 1.01 0.00	54.89 1.34 0.00	62.78 1.77 0.00	55.78 1.52 0.00	42.34 1.15 0.00	39.91 0.97 0.00	38.23 0.93 0.00	35.92 0.94 0.00	35.87 0.91 0.00	34.63 0.91 0.00	35.35 0.93 0.00	38.70 1.16 0.00	45.16 1.36 0.00	55.91 1.63 0.00	64.87 1.58 0.00	61.42 1.50 0.00	49.70 1.21 0.00	43.97 1.03 0.00	41.46 0.85 0.00
ALTONA_WT_PWR 323606	37.57 -1.65 0.00	36.11 -1.23 0.00	34.97 -1.05 0.00	34.98 -0.86 0.00	35.54 -0.87 0.00	39.70 -0.85 0.00	52.22 -1.34 0.00	59.24 -1.77 0.00	52.15 -2.12 0.00	39.09 -2.10 0.00	36.76 -2.18 0.00	35.07 -2.24 0.00	32.88 -2.10 0.00	32.94 -2.03 0.00	31.86 -1.85 0.00	32.50 -1.93 0.00	35.66 -1.88 0.00	42.14 -1.66 0.00	52.92 -1.35 0.00	61.26 -2.03 0.00	58.54 -1.38 0.00	48.49 0.00 0.00	42.99 0.04 0.00	40.73 0.12 0.00
AMERICAN_REF_FUEL 24010	36.20 -3.02 0.00	34.69 -2.65 0.00	33.82 -2.20 0.00	33.70 -2.15 0.00	34.05 -2.37 0.00	37.59 -2.96 0.00	48.63 -4.93 0.00	55.09 -5.92 0.00	49.00 -5.26 0.00	37.44 -3.75 0.00	35.75 -3.19 0.00	34.47 -2.84 0.00	32.04 -2.94 0.00	31.96 -3.01 0.00	30.82 -2.90 0.00	31.64 -2.79 0.00	34.50 -3.04 0.00	39.56 -4.25 0.00	48.85 -5.43 0.00	58.79 -4.49 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.94 -3.01 0.00	38.70 -1.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.87 -2.35 0.00	35.36 -1.98 0.00	34.44 -1.58 0.00	34.34 -1.50 0.00	34.85 -1.56 0.00	38.61 -1.95 0.00	50.56 -3.00 0.00	57.60 -3.42 0.00	51.11 -3.15 0.00	38.80 -2.39 0.00	36.91 -2.03 0.00	35.51 -1.79 0.00	33.02 -1.96 0.00	32.94 -2.03 0.00	31.73 -1.99 0.00	32.56 -1.86 0.00	35.40 -2.14 0.00	40.87 -2.93 0.00	50.96 -3.31 0.00	61.95 -1.33 0.00	58.84 -1.08 0.00	47.62 -0.87 0.00	42.51 -0.43 0.00	41.09 0.49 0.00
ARTHUR KILL_GT_1 23520	54.88 2.43 -13.23	54.14 2.24 -14.56	53.44 1.91 -15.51	53.48 1.79 -15.84	54.10 1.89 -15.80	53.49 2.31 -10.63	57.42 3.11 -0.76	64.91 3.91 0.01	60.14 3.53 -2.35	58.60 2.92 -14.49	57.85 2.61 -16.29	57.59 2.46 -17.83	57.55 2.31 -20.27	57.55 2.24 -20.35	57.58 2.22 -21.64	58.33 2.31 -21.60	57.59 2.67 -17.39	58.86 3.33 -11.73	64.42 3.85 -6.28	97.67 4.18 -30.21	97.69 3.89 -33.87	60.32 2.96 -8.87	60.60 2.66 -14.99	56.29 2.19 -13.49
ARTHUR_KILL_2 23512	54.76 2.31 -13.23	54.03 2.13 -14.56	53.37 1.84 -15.51	53.37 1.69 -15.84	54.03 1.82 -15.80	53.37 2.19 -10.63	57.26 2.94 -0.76	64.73 3.72 0.01	59.98 3.37 -2.35	58.48 2.80 -14.49	57.73 2.49 -16.29	57.48 2.35 -17.83	57.48 2.24 -20.27	57.48 2.17 -20.35	57.48 2.13 -21.64	58.23 2.21 -21.60	57.48 2.55 -17.39	58.73 3.20 -11.73	64.25 3.69 -6.28	97.42 3.93 -30.21	97.51 3.72 -33.87	60.18 2.81 -8.87	60.47 2.53 -14.99	56.21 2.11 -13.49
ARTHUR_KILL_3 23513	54.16 1.72 -13.22	53.46 1.57 -14.55	52.82 1.29 -15.51	52.82 1.15 -15.83	53.48 1.27 -15.79	52.80 1.62 -10.62	56.99 2.68 -0.75	64.36 3.35 0.00	59.75 3.15 -2.34	58.35 2.68 -14.48	57.64 2.42 -16.29	57.40 2.28 -17.82	57.37 2.13 -20.26	57.37 2.06 -20.34	57.37 2.02 -21.63	58.08 2.07 -21.59	57.32 2.40 -17.38	58.56 3.02 -11.74	63.83 3.26 -6.29	96.85 3.35 -30.21	96.92 3.11 -33.88	59.78 2.42 -8.86	60.07 2.15 -14.98	55.67 1.58 -13.48

ARTHUR_KILL_COGEN 323718	54.88 2.43 -13.23	54.14 2.24 -14.56	53.44 1.91 -15.51	53.48 1.79 -15.84	54.10 1.89 -15.80	53.49 2.31 -10.63	57.42 3.11 -0.76	64.91 3.91 0.01	60.14 3.53 -2.35	58.60 2.92 -14.49	57.85 2.61 -16.29	57.59 2.46 -17.83	57.55 2.31 -20.27	57.55 2.24 -20.35	57.58 2.22 -21.64	58.33 2.31 -21.60	57.59 2.67 -17.39	58.86 3.33 -11.73	64.42 3.85 -6.28	97.67 4.18 -30.21	97.69 3.89 -33.87	60.32 2.96 -8.87	60.60 2.66 -14.99	56.29 2.19 -13.49
ASHOKAN____ 23654	41.26 2.04 0.00	39.14 1.79 0.00	37.60 1.58 0.00	37.39 1.54 0.00	37.98 1.56 0.00	42.50 1.95 0.00	56.82 3.27 0.00	64.80 3.78 0.00	57.03 2.77 0.00	43.13 1.94 0.00	40.42 1.48 0.00	38.61 1.30 0.00	36.27 1.29 0.00	36.22 1.26 0.00	35.00 1.28 0.00	35.84 1.41 0.00	39.34 1.80 0.00	46.34 2.54 0.00	57.64 3.37 0.00	67.28 3.99 0.00	63.45 3.53 0.00	51.25 2.76 0.00	45.56 2.62 0.00	42.51 1.91 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.07 1.84 -0.01	39.04 1.68 -0.01	37.47 1.44 -0.01	37.14 1.29 -0.01	37.84 1.42 -0.01	42.29 1.74 0.01	56.38 2.84 0.01	64.60 3.60 0.01	57.68 3.42 0.01	44.06 2.88 0.01	41.54 2.61 0.01	39.72 2.42 0.01	37.31 2.34 0.01	37.23 2.27 0.01	35.97 2.26 0.01	36.69 2.27 0.01	40.12 2.59 0.01	47.04 3.24 0.01	57.85 3.58 0.01	66.95 3.67 0.01	63.39 3.47 0.01	51.15 2.67 0.01	45.27 2.32 -0.01	42.24 1.63 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.07 1.84 -0.01	39.04 1.68 -0.01	37.47 1.44 -0.01	37.14 1.29 -0.01	37.84 1.42 -0.01	42.29 1.74 0.01	56.38 2.84 0.01	64.60 3.60 0.01	57.68 3.42 0.01	44.06 2.88 0.01	41.54 2.61 0.01	39.72 2.42 0.01	37.31 2.34 0.01	37.23 2.27 0.01	35.97 2.26 0.01	36.69 2.27 0.01	40.12 2.59 0.01	47.04 3.24 0.01	57.85 3.58 0.01	66.95 3.67 0.01	63.33 3.41 0.01	51.15 2.67 0.01	45.27 2.32 -0.01	42.24 1.63 -0.01
ASTORIA_GT2_1 24094	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT2_2 24095	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT2_3 24096	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT2_4 24097	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT3_1 24098	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT3_2 24099	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT3_3 24100	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT3_4 24101	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT4_1 24102	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT4_2 24103	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT4_3 24104	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01

ASTORIA_GT4_4 24105	41.11 1.88 -0.01	39.03 1.68 -0.01	37.47 1.44 -0.01	37.25 1.40 -0.01	37.84 1.42 -0.01	42.34 1.78 0.00	56.39 2.84 0.01	64.72 3.72 0.01	57.67 3.42 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.20 2.24 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	67.01 3.73 0.01	63.39 3.48 0.01	51.20 2.72 0.01	45.31 2.36 -0.01	42.24 1.62 -0.01
ASTORIA_GT_1 23523	41.15 1.92 -0.01	39.11 1.76 -0.01	37.54 1.51 -0.01	37.21 1.36 -0.01	37.92 1.49 -0.01	42.37 1.83 0.01	56.49 2.94 0.01	64.73 3.72 0.01	57.78 3.53 0.01	44.15 2.97 0.01	41.62 2.68 0.01	39.83 2.54 0.01	37.38 2.41 0.01	37.30 2.34 0.01	36.03 2.32 0.01	36.79 2.37 0.01	40.23 2.70 0.01	47.12 3.33 0.01	57.96 3.69 0.01	67.14 3.86 0.01	63.51 3.59 0.01	51.30 2.81 0.01	45.40 2.45 -0.01	42.36 1.74 -0.01
ASTORIA_GT_10 24110	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.11 4.09 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.82 4.11 -0.42	64.98 3.83 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.05 1.95 -0.50
ASTORIA_GT_11 24225	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.11 4.09 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.82 4.11 -0.42	64.98 3.83 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.05 1.95 -0.50
ASTORIA_GT_12 24226	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.11 4.09 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.82 4.11 -0.42	64.98 3.83 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.05 1.95 -0.50
ASTORIA_GT_13 24227	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.11 4.09 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.82 4.11 -0.42	64.98 3.83 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.05 1.95 -0.50
ASTORIA_GT_5 24106	41.15 1.92 -0.01	39.07 1.72 -0.01	37.54 1.51 -0.01	37.29 1.43 -0.01	37.91 1.49 -0.01	42.38 1.82 0.00	56.49 2.95 0.01	64.79 3.78 0.01	57.78 3.53 0.01	44.15 2.97 0.01	41.62 2.69 0.01	39.83 2.54 0.01	37.34 2.38 0.01	37.27 2.31 0.01	36.03 2.33 0.01	36.79 2.38 0.01	40.23 2.70 0.01	47.13 3.33 0.01	57.96 3.69 0.01	67.14 3.86 0.01	63.51 3.60 0.01	51.30 2.81 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
ASTORIA_GT_7 24107	41.15 1.92 -0.01	39.07 1.72 -0.01	37.54 1.51 -0.01	37.29 1.43 -0.01	37.91 1.49 -0.01	42.38 1.82 0.00	56.49 2.95 0.01	64.79 3.78 0.01	57.78 3.53 0.01	44.15 2.97 0.01	41.62 2.69 0.01	39.83 2.54 0.01	37.34 2.38 0.01	37.27 2.31 0.01	36.03 2.33 0.01	36.79 2.38 0.01	40.23 2.70 0.01	47.13 3.33 0.01	57.96 3.69 0.01	67.14 3.86 0.01	63.51 3.60 0.01	51.30 2.81 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
ASTORIA_GT_8 24108	41.15 1.92 -0.01	39.07 1.72 -0.01	37.54 1.51 -0.01	37.29 1.43 -0.01	37.91 1.49 -0.01	42.38 1.82 0.00	56.49 2.95 0.01	64.79 3.78 0.01	57.78 3.53 0.01	44.15 2.97 0.01	41.62 2.69 0.01	39.83 2.54 0.01	37.34 2.38 0.01	37.27 2.31 0.01	36.03 2.33 0.01	36.79 2.38 0.01	40.23 2.70 0.01	47.13 3.33 0.01	57.96 3.69 0.01	67.14 3.86 0.01	63.51 3.60 0.01	51.30 2.81 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
ASTORIA___2 24149	41.11 1.88 -0.01	39.07 1.72 -0.01	37.51 1.48 -0.01	37.18 1.33 -0.01	37.84 1.42 -0.01	42.33 1.78 0.01	56.38 2.84 0.01	64.60 3.60 0.01	57.68 3.42 0.01	44.06 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.23 2.27 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	66.95 3.67 0.01	63.39 3.47 0.01	51.20 2.71 0.01	45.31 2.36 -0.01	42.28 1.67 -0.01
ASTORIA___3 23516	41.42 2.20 -0.01	39.37 2.02 -0.01	37.76 1.73 -0.01	37.43 1.58 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.05 4.03 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.81 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.61 2.41 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.79 3.85 -5.66	67.76 4.05 -0.42	64.99 3.84 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.18 2.07 -0.50
ASTORIA___4 23517	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.11 4.09 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.82 4.11 -0.42	64.98 3.83 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.05 1.95 -0.50
ASTORIA___5 23518	41.42 2.20 -0.01	39.37 2.02 -0.01	37.76 1.73 -0.01	37.43 1.58 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.05 4.03 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.81 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.61 2.41 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.79 3.85 -5.66	67.76 4.05 -0.42	64.93 3.78 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.18 2.07 -0.50
AST_ENERGY_2_CC3 323677	41.14 1.92 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.17 1.33 0.00	37.87 1.46 0.00	42.38 1.83 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.57 3.31 0.00	43.99 2.80 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.05 2.52 0.00	46.96 3.16 0.00	57.75 3.48 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.43 1.83 0.00
AST_ENERGY_2_CC4 323678	41.14 1.92 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.17 1.33 0.00	37.87 1.46 0.00	42.38 1.83 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.57 3.31 0.00	43.99 2.80 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.05 2.52 0.00	46.96 3.16 0.00	57.75 3.48 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.43 1.83 0.00

ATHENS_STG_1 23668	40.44 1.22 0.00	38.35 1.01 0.00	36.92 0.90 0.00	36.70 0.86 0.00	37.32 0.91 0.00	41.65 1.10 0.00	55.05 1.50 0.00	62.84 1.83 0.00	56.00 1.74 0.00	42.59 1.40 0.00	40.19 1.25 0.00	38.46 1.16 0.00	36.13 1.15 0.00	36.12 1.15 0.00	34.83 1.11 0.00	35.56 1.13 0.00	38.89 1.35 0.00	45.47 1.66 0.00	56.18 1.90 0.00	65.06 1.77 0.00	61.60 1.68 0.00	49.85 1.36 0.00	44.14 1.20 0.00	41.58 0.97 0.00
ATHENS_STG_2 23670	40.44 1.22 0.00	38.35 1.01 0.00	36.92 0.90 0.00	36.70 0.86 0.00	37.32 0.91 0.00	41.65 1.10 0.00	55.05 1.50 0.00	62.84 1.83 0.00	56.00 1.74 0.00	42.59 1.40 0.00	40.19 1.25 0.00	38.46 1.16 0.00	36.13 1.15 0.00	36.12 1.15 0.00	34.83 1.11 0.00	35.56 1.13 0.00	38.89 1.35 0.00	45.47 1.66 0.00	56.18 1.90 0.00	65.06 1.77 0.00	61.60 1.68 0.00	49.85 1.36 0.00	44.14 1.20 0.00	41.58 0.97 0.00
ATHENS_STG_3 23677	40.44 1.22 0.00	38.35 1.01 0.00	36.92 0.90 0.00	36.70 0.86 0.00	37.32 0.91 0.00	41.65 1.10 0.00	55.05 1.50 0.00	62.84 1.83 0.00	56.00 1.74 0.00	42.59 1.40 0.00	40.19 1.25 0.00	38.46 1.16 0.00	36.13 1.15 0.00	36.12 1.15 0.00	34.83 1.11 0.00	35.56 1.13 0.00	38.89 1.35 0.00	45.47 1.66 0.00	56.18 1.90 0.00	65.06 1.77 0.00	61.60 1.68 0.00	49.85 1.36 0.00	44.14 1.20 0.00	41.58 0.97 0.00
AUBURN___LFGE 323710	39.18 -0.04 0.00	37.35 0.00 0.00	36.06 0.04 0.00	35.88 0.04 0.00	36.41 0.00 0.00	40.55 0.00 0.00	53.72 0.16 0.00	61.19 0.18 0.00	54.43 0.16 0.00	41.27 0.08 0.00	39.10 0.16 0.00	37.49 0.19 0.00	35.08 0.10 0.00	35.07 0.10 0.00	33.75 0.03 0.00	34.53 0.10 0.00	37.54 0.00 0.00	43.80 0.00 0.00	54.39 0.11 0.00	63.92 0.63 0.00	60.34 0.42 0.00	48.64 0.15 0.00	42.99 0.04 0.00	40.73 0.12 0.00
BABYLON_RES_REC 323704	41.65 2.43 0.00	39.70 2.35 0.00	37.82 1.80 0.00	37.46 1.61 0.00	38.20 1.78 0.00	43.24 2.68 -0.01	56.77 3.21 0.00	65.34 4.33 0.00	58.22 3.96 0.00	44.44 3.25 0.00	41.86 2.92 0.00	39.91 2.61 0.00	37.28 2.31 0.00	37.34 2.38 0.00	36.01 2.29 0.00	36.94 2.51 0.00	40.58 3.04 0.00	47.76 3.94 -0.01	58.78 4.50 0.00	67.08 3.80 0.00	64.00 4.08 0.00	51.64 3.15 0.00	46.00 3.05 -0.01	42.96 2.35 0.00
BABYLON__69_KV_BK2 356345	42.04 2.82 0.00	39.85 2.50 0.00	38.15 2.13 0.00	37.85 2.01 0.00	38.53 2.11 0.00	43.67 3.12 0.00	57.30 3.75 0.00	66.08 5.06 0.00	58.88 4.61 0.00	44.94 3.75 0.00	42.25 3.31 0.00	40.25 2.95 0.00	37.56 2.59 0.00	37.52 2.55 0.00	36.28 2.56 0.00	37.25 2.82 0.00	41.03 3.49 0.00	48.23 4.42 0.00	59.49 5.21 0.00	67.78 4.49 0.00	64.77 4.85 0.00	52.18 3.69 0.00	46.47 3.52 0.00	43.16 2.56 0.00
BALL_HILL_WT_PWR 323825	37.34 -1.88 0.00	35.81 -1.53 0.00	34.83 -1.19 0.00	34.73 -1.11 0.00	35.18 -1.24 0.00	38.93 -1.62 0.00	50.93 -2.62 0.00	57.84 -3.18 0.00	51.33 -2.93 0.00	39.05 -2.14 0.00	37.19 -1.75 0.00	35.77 -1.53 0.00	33.26 -1.71 0.00	33.18 -1.78 0.00	31.96 -1.75 0.00	32.81 -1.62 0.00	35.70 -1.84 0.00	41.13 -2.67 0.00	51.13 -3.15 0.00	61.71 -1.58 0.00	58.48 -1.44 0.00	47.18 -1.31 0.00	42.09 -0.86 0.00	40.65 0.04 0.00
BARON_WINDS___WT_PWR 323822	37.46 -1.76 0.00	35.85 -1.49 0.00	34.76 -1.26 0.00	34.66 -1.18 0.00	35.10 -1.31 0.00	39.01 -1.54 0.00	51.36 -2.20 0.00	58.21 -2.81 0.00	51.71 -2.55 0.00	39.09 -2.10 0.00	37.07 -1.87 0.00	35.59 -1.72 0.00	33.15 -1.82 0.00	33.08 -1.89 0.00	31.83 -1.89 0.00	32.67 -1.75 0.00	35.66 -1.88 0.00	41.48 -2.32 0.00	51.62 -2.66 0.00	61.83 -1.45 0.00	58.54 -1.38 0.00	47.23 -1.26 0.00	42.00 -0.94 0.00	40.36 -0.24 0.00
BARRETT_IC_1 23704	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_10 23701	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_11 23702	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_12 23703	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_2 23705	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_3 23706	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_4 23707	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00

BARRETT_IC_5 23708	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_6 23709	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_7 23710	41.49 2.27 0.00	39.36 2.02 0.00	37.71 1.69 0.00	37.46 1.61 0.00	38.09 1.68 0.00	42.90 2.35 0.00	56.50 2.95 0.00	64.79 3.78 0.00	57.79 3.53 0.00	44.32 3.13 0.00	41.71 2.76 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.94 2.23 0.00	36.80 2.38 0.00	40.43 2.89 0.00	47.40 3.59 0.00	58.13 3.85 0.00	66.77 3.48 0.00	63.52 3.60 0.00	51.40 2.91 0.00	45.78 2.83 0.00	42.64 2.03 0.00
BARRETT_IC_8 23711	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT_IC_9 23700	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT___1 23545	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BARRETT___2 23546	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.39 1.54 0.00	38.09 1.68 0.00	42.91 2.35 -0.01	56.50 2.94 0.00	64.73 3.72 0.00	57.79 3.53 0.00	44.28 3.09 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.25 2.27 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.41 3.59 -0.01	58.19 3.91 0.00	66.76 3.48 0.00	63.45 3.53 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
BATAVIA__115KV_TB1 55881	37.97 -1.26 0.00	36.41 -0.93 0.00	35.37 -0.65 0.00	35.31 -0.54 0.00	35.69 -0.73 0.00	39.50 -1.05 0.00	51.63 -1.93 0.00	58.63 -2.38 0.00	52.04 -2.22 0.00	39.54 -1.65 0.00	37.69 -1.25 0.00	36.15 -1.16 0.00	33.61 -1.36 0.00	33.60 -1.36 0.00	32.23 -1.48 0.00	33.22 -1.20 0.00	36.11 -1.43 0.00	41.92 -1.88 0.00	52.05 -2.23 0.00	62.84 -0.44 0.00	59.32 -0.60 0.00	47.47 -1.02 0.00	42.21 -0.73 0.00	40.48 -0.12 0.00
BAYONEEC___CTG1 323682	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG10 323750	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG2 323683	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG3 323684	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG4 323685	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG5 323686	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG6 323687	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00

BAYONEEC___CTG7 323688	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG8 323689	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BAYONEEC___CTG9 323749	41.14 1.92 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.13 1.29 0.00	37.87 1.46 0.00	42.33 1.78 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.89 3.61 0.00	63.27 3.35 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BEACON___LESR 323632	40.51 1.29 0.00	38.46 1.12 0.00	36.99 0.97 0.00	36.81 0.97 0.00	37.43 1.02 0.00	41.85 1.30 0.00	55.22 1.66 0.00	63.15 2.13 0.00	56.11 1.85 0.00	42.51 1.32 0.00	40.11 1.17 0.00	38.42 1.12 0.00	36.06 1.09 0.00	36.05 1.09 0.00	34.79 1.08 0.00	35.59 1.17 0.00	38.89 1.35 0.00	45.38 1.57 0.00	56.34 2.06 0.00	65.31 2.02 0.00	61.78 1.86 0.00	50.00 1.50 0.00	44.14 1.20 0.00	41.70 1.10 0.00
BEAVER RIVER___HYD 24048	38.67 -0.55 0.00	36.82 -0.52 0.00	35.62 -0.40 0.00	35.38 -0.47 0.00	36.01 -0.40 0.00	40.27 -0.28 0.00	53.56 0.00 0.00	60.89 -0.12 0.00	53.77 -0.49 0.00	40.49 -0.70 0.00	38.12 -0.82 0.00	36.37 -0.93 0.00	33.89 -1.08 0.00	33.99 -0.98 0.00	32.81 -0.91 0.00	32.84 -1.58 0.00	35.89 -1.65 0.00	42.23 -1.58 0.00	52.81 -1.46 0.00	62.34 -0.95 0.00	59.02 -0.90 0.00	47.77 -0.73 0.00	42.51 -0.43 0.00	40.85 0.25 0.00
BEEBEE_GT_13 23619	37.97 -1.26 0.00	36.34 -1.01 0.00	35.23 -0.79 0.00	35.13 -0.72 0.00	35.54 -0.87 0.00	39.38 -1.18 0.00	51.57 -1.98 0.00	58.69 -2.32 0.00	52.26 -2.01 0.00	39.75 -1.44 0.00	37.89 -1.05 0.00	36.37 -0.93 0.00	33.89 -1.08 0.00	33.88 -1.08 0.00	32.57 -1.15 0.00	33.49 -0.93 0.00	36.37 -1.16 0.00	42.23 -1.58 0.00	52.32 -1.95 0.00	62.34 -0.95 0.00	58.84 -1.08 0.00	47.23 -1.26 0.00	41.91 -1.03 0.00	40.04 -0.57 0.00
BENSHRST_27_KV_BENSHRST_1 355998	55.07 2.63 -13.23	54.29 2.39 -14.56	53.62 2.09 -15.51	53.73 2.04 -15.84	54.32 2.11 -15.80	53.70 2.51 -10.63	58.07 3.75 -0.76	65.72 4.70 -0.01	61.14 4.23 -2.65	71.44 3.46 -26.79	72.37 3.12 -30.31	73.83 2.95 -33.58	75.41 2.76 -37.67	75.49 2.69 -37.83	67.42 2.66 -31.04	76.73 2.75 -39.55	72.70 3.15 -32.01	98.04 3.85 -50.39	98.08 4.45 -39.36	98.43 4.94 -30.21	98.41 4.61 -33.87	98.14 3.59 -46.05	98.04 3.09 -52.00	56.49 2.40 -13.49
BETHLEHEM___GRP 23843	39.97 0.75 0.00	37.98 0.63 0.00	36.56 0.54 0.00	36.35 0.50 0.00	36.96 0.55 0.00	41.24 0.69 0.00	54.41 0.86 0.00	62.29 1.28 0.00	55.29 1.03 0.00	41.97 0.78 0.00	39.60 0.66 0.00	38.01 0.71 0.00	35.71 0.73 0.00	35.74 0.77 0.00	34.46 0.74 0.00	35.22 0.79 0.00	38.48 0.94 0.00	44.81 1.01 0.00	55.47 1.19 0.00	64.24 0.95 0.00	60.82 0.90 0.00	49.27 0.78 0.00	43.55 0.60 0.00	41.05 0.45 0.00
BETHLEHEM___GS1 323560	39.96 0.74 0.00	37.98 0.63 0.00	36.56 0.54 0.00	36.35 0.50 0.00	36.96 0.55 0.00	41.24 0.69 0.00	54.41 0.85 0.00	62.17 1.16 0.00	55.29 1.03 0.00	41.97 0.78 0.00	39.60 0.66 0.00	38.01 0.71 0.00	35.71 0.74 0.00	35.70 0.74 0.00	34.46 0.74 0.00	35.22 0.79 0.00	38.48 0.94 0.00	44.81 1.01 0.00	55.53 1.25 0.00	64.30 1.01 0.00	60.82 0.90 0.00	49.27 0.77 0.00	43.54 0.60 0.00	41.13 0.53 0.00
BETHLEHEM___GS2 323561	39.96 0.74 0.00	37.98 0.63 0.00	36.56 0.54 0.00	36.35 0.50 0.00	36.96 0.55 0.00	41.24 0.69 0.00	54.41 0.85 0.00	62.17 1.16 0.00	55.29 1.03 0.00	41.97 0.78 0.00	39.60 0.66 0.00	38.01 0.71 0.00	35.71 0.74 0.00	35.70 0.74 0.00	34.46 0.74 0.00	35.22 0.79 0.00	38.48 0.94 0.00	44.81 1.01 0.00	55.53 1.25 0.00	64.30 1.01 0.00	60.82 0.90 0.00	49.27 0.77 0.00	43.54 0.60 0.00	41.13 0.53 0.00
BETHLEHEM___GS3 323562	39.96 0.74 0.00	37.98 0.63 0.00	36.56 0.54 0.00	36.35 0.50 0.00	36.96 0.55 0.00	41.24 0.69 0.00	54.41 0.85 0.00	62.17 1.16 0.00	55.29 1.03 0.00	41.97 0.78 0.00	39.60 0.66 0.00	38.01 0.71 0.00	35.71 0.74 0.00	35.70 0.74 0.00	34.46 0.74 0.00	35.22 0.79 0.00	38.48 0.94 0.00	44.81 1.01 0.00	55.53 1.25 0.00	64.30 1.01 0.00	60.82 0.90 0.00	49.27 0.77 0.00	43.54 0.60 0.00	41.13 0.53 0.00
BETHLEHEM___STEEL 23779	37.34 -1.88 0.00	35.81 -1.53 0.00	34.83 -1.19 0.00	34.77 -1.08 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.45 -3.11 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.72 -2.47 0.00	36.99 -1.95 0.00	35.66 -1.64 0.00	33.16 -1.82 0.00	33.11 -1.85 0.00	31.86 -1.85 0.00	32.70 -1.72 0.00	35.47 -2.06 0.00	40.91 -2.89 0.00	50.86 -3.42 0.00	61.32 -1.96 0.00	57.88 -2.04 0.00	46.55 -1.94 0.00	41.57 -1.37 0.00	40.08 -0.53 0.00
BETHLHEM_115KV_TB1 79974	40.04 0.82 0.00	38.02 0.67 0.00	36.60 0.58 0.00	36.38 0.54 0.00	37.00 0.58 0.00	41.28 0.73 0.00	54.47 0.91 0.00	62.35 1.34 0.00	55.40 1.14 0.00	42.01 0.82 0.00	39.68 0.74 0.00	38.05 0.75 0.00	35.74 0.77 0.00	35.74 0.77 0.00	34.49 0.78 0.00	35.22 0.79 0.00	38.51 0.98 0.00	44.86 1.05 0.00	55.53 1.25 0.00	64.36 1.08 0.00	60.94 1.02 0.00	49.32 0.82 0.00	43.59 0.64 0.00	41.09 0.49 0.00
BETHPAGE_CC_5 323564	41.57 2.35 0.00	39.62 2.28 0.00	37.78 1.76 0.00	37.42 1.58 0.00	38.13 1.71 0.00	43.03 2.47 -0.01	56.55 3.00 0.00	65.04 4.03 0.00	58.00 3.74 0.00	44.32 3.13 0.00	41.75 2.81 0.00	39.91 2.61 0.00	37.28 2.31 0.00	37.31 2.34 0.00	35.97 2.26 0.00	36.87 2.44 0.00	40.50 2.96 0.00	47.58 3.77 -0.01	58.51 4.24 0.00	66.96 3.67 0.00	63.81 3.89 0.00	51.45 2.96 0.00	45.83 2.88 -0.01	42.88 2.27 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.34 -1.88 0.00	35.85 -1.49 0.00	34.83 -1.19 0.00	34.77 -1.08 0.00	35.10 -1.31 0.00	38.81 -1.74 0.00	50.56 -3.00 0.00	57.29 -3.72 0.00	50.90 -3.36 0.00	38.80 -2.39 0.00	37.03 -1.91 0.00	35.70 -1.60 0.00	33.19 -1.78 0.00	33.15 -1.82 0.00	31.89 -1.82 0.00	32.74 -1.69 0.00	35.51 -2.03 0.00	41.00 -2.80 0.00	50.97 -3.31 0.00	61.45 -1.84 0.00	58.00 -1.92 0.00	46.65 -1.84 0.00	41.66 -1.29 0.00	40.20 -0.41 0.00

BINGHAMTON___COGEN 23790	39.14 -0.08 0.00	37.31 -0.04 0.00	36.06 0.04 0.00	35.92 0.07 0.00	36.45 0.04 0.00	40.51 -0.04 0.00	53.61 0.05 0.00	60.95 -0.06 0.00	54.05 -0.22 0.00	40.98 -0.21 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.80 -0.17 0.00	34.76 -0.21 0.00	33.48 -0.24 0.00	34.25 -0.17 0.00	37.42 -0.11 0.00	43.63 -0.18 0.00	54.17 -0.11 0.00	63.73 0.44 0.00	60.22 0.30 0.00	48.59 0.10 0.00	43.03 0.09 0.00	40.85 0.24 0.00
BIXINCNT_115KV_LOAD 355685	36.47 -2.75 0.00	35.07 -2.28 0.00	34.07 -1.95 0.00	34.02 -1.83 0.00	34.37 -2.04 0.00	38.32 -2.23 0.00	50.13 -3.43 0.00	56.86 -4.15 0.00	50.41 -3.85 0.00	38.27 -2.92 0.00	36.41 -2.53 0.00	35.10 -2.20 0.00	32.53 -2.45 0.00	32.41 -2.55 0.00	31.15 -2.56 0.00	32.05 -2.38 0.00	34.83 -2.70 0.00	40.52 -3.29 0.00	50.80 -3.47 0.00	61.45 -1.84 0.00	58.30 -1.62 0.00	47.04 -1.45 0.00	42.00 -0.94 0.00	40.56 -0.04 0.00
BLACK RIVER___HYD 24047	39.26 0.04 0.00	37.38 0.04 0.00	36.16 0.14 0.00	35.88 0.04 0.00	36.56 0.15 0.00	40.84 0.29 0.00	54.52 0.97 0.00	61.93 0.92 0.00	54.54 0.27 0.00	41.07 -0.12 0.00	38.63 -0.31 0.00	36.86 -0.45 0.00	34.28 -0.70 0.00	34.37 -0.59 0.00	33.17 -0.54 0.00	33.25 -1.17 0.00	36.30 -1.24 0.00	42.75 -1.05 0.00	53.52 -0.76 0.00	63.60 0.32 0.00	60.16 0.24 0.00	48.59 0.10 0.00	43.03 0.09 0.00	41.34 0.73 0.00
BLACKRVR_115KV_TB2 79977	39.26 0.04 0.00	37.38 0.04 0.00	36.16 0.14 0.00	35.88 0.04 0.00	36.56 0.15 0.00	40.84 0.28 0.00	54.36 0.80 0.00	61.93 0.92 0.00	54.53 0.27 0.00	41.07 -0.12 0.00	38.63 -0.31 0.00	36.85 -0.45 0.00	34.27 -0.70 0.00	34.37 -0.59 0.00	33.18 -0.54 0.00	33.25 -1.17 0.00	36.30 -1.24 0.00	42.75 -1.05 0.00	53.57 -0.71 0.00	63.60 0.32 0.00	60.16 0.24 0.00	48.59 0.10 0.00	43.03 0.09 0.00	41.38 0.77 0.00
BLISS_WT_PWR 323608	36.12 -3.10 0.00	34.73 -2.62 0.00	33.79 -2.23 0.00	33.62 -2.22 0.00	34.08 -2.33 0.00	38.04 -2.51 0.00	49.70 -3.86 0.00	56.50 -4.51 0.00	50.14 -4.13 0.00	37.98 -3.21 0.00	36.14 -2.80 0.00	34.84 -2.46 0.00	32.28 -2.69 0.00	32.10 -2.87 0.00	30.88 -2.83 0.00	31.77 -2.65 0.00	34.65 -2.89 0.00	40.26 -3.55 0.00	50.42 -3.85 0.00	61.01 -2.28 0.00	58.06 -1.86 0.00	46.89 -1.60 0.00	41.87 -1.07 0.00	40.56 -0.04 0.00
BLUESTONE___WT_PWR 323821	40.67 1.45 0.00	38.76 1.42 0.00	37.50 1.48 0.00	37.21 1.36 0.00	37.83 1.42 0.00	42.18 1.62 0.00	56.02 2.46 0.00	63.76 2.75 0.00	56.44 2.17 0.00	42.59 1.40 0.00	40.11 1.17 0.00	38.38 1.08 0.00	35.67 0.70 0.00	35.73 0.77 0.00	34.39 0.67 0.00	35.32 0.89 0.00	38.63 1.09 0.00	45.43 1.62 0.00	56.78 2.50 0.00	67.28 3.99 0.00	63.45 3.53 0.00	51.21 2.71 0.00	45.26 2.32 0.00	42.72 2.11 0.00
BLUE_CIRC_CHEM_DRP 24182	40.36 1.14 0.00	38.35 1.01 0.00	36.92 0.90 0.00	36.74 0.90 0.00	37.36 0.95 0.00	41.65 1.09 0.00	54.95 1.39 0.00	62.72 1.71 0.00	55.67 1.41 0.00	42.18 0.99 0.00	39.76 0.82 0.00	38.09 0.78 0.00	35.78 0.80 0.00	35.74 0.77 0.00	34.49 0.78 0.00	35.25 0.83 0.00	38.55 1.01 0.00	45.03 1.23 0.00	55.80 1.52 0.00	64.74 1.46 0.00	61.36 1.44 0.00	49.66 1.16 0.00	43.93 0.99 0.00	41.46 0.85 0.00
BOC_GAS_DRP 24189	40.08 0.86 0.00	38.09 0.75 0.00	36.67 0.65 0.00	36.49 0.65 0.00	37.07 0.66 0.00	41.36 0.81 0.00	54.57 1.02 0.00	62.41 1.40 0.00	55.51 1.25 0.00	42.14 0.95 0.00	39.76 0.82 0.00	38.12 0.82 0.00	35.81 0.84 0.00	35.80 0.84 0.00	34.52 0.81 0.00	35.25 0.83 0.00	38.55 1.01 0.00	44.94 1.14 0.00	55.63 1.36 0.00	64.43 1.14 0.00	61.06 1.14 0.00	49.41 0.92 0.00	43.72 0.77 0.00	41.21 0.61 0.00
BOONVILLE_115KV_TB1 79983	39.61 0.39 0.00	37.68 0.34 0.00	36.42 0.40 0.00	36.17 0.32 0.00	36.81 0.40 0.00	41.08 0.53 0.00	54.41 0.86 0.00	62.29 1.28 0.00	55.19 0.92 0.00	41.68 0.49 0.00	39.29 0.35 0.00	37.53 0.22 0.00	34.97 0.00 0.00	35.04 0.07 0.00	33.78 0.07 0.00	34.35 -0.07 0.00	37.50 -0.04 0.00	43.98 0.18 0.00	54.77 0.49 0.00	64.36 1.08 0.00	60.82 0.90 0.00	49.17 0.68 0.00	43.67 0.73 0.00	41.42 0.81 0.00
BORALEX_4TH_BRANCH 23824	41.26 2.04 0.00	39.29 1.94 0.00	37.71 1.69 0.00	37.49 1.65 0.00	38.09 1.68 0.00	42.66 2.11 0.00	56.07 2.52 0.00	64.18 3.17 0.00	57.14 2.88 0.00	43.25 2.06 0.00	40.73 1.79 0.00	39.02 1.72 0.00	36.62 1.64 0.00	36.64 1.68 0.00	35.27 1.55 0.00	36.08 1.65 0.00	39.60 2.06 0.00	46.26 2.45 0.00	57.10 2.82 0.00	65.82 2.53 0.00	62.38 2.46 0.00	50.53 2.04 0.00	44.66 1.72 0.00	42.19 1.58 0.00
BOWLINE___1 23526	40.67 1.45 0.00	38.69 1.34 0.00	37.10 1.08 0.00	36.85 1.00 0.00	37.51 1.09 0.00	41.93 1.38 0.00	55.75 2.20 0.00	63.76 2.75 0.00	56.81 2.55 0.00	43.33 2.14 0.00	40.85 1.91 0.00	39.06 1.75 0.00	36.62 1.64 0.00	36.58 1.61 0.00	35.30 1.58 0.00	36.08 1.65 0.00	39.45 1.91 0.00	46.21 2.41 0.00	56.99 2.71 0.00	66.07 2.78 0.00	62.49 2.57 0.00	50.48 1.99 0.00	44.71 1.76 0.00	41.94 1.34 0.00
BOWLINE___2 23595	40.67 1.45 0.00	38.69 1.34 0.00	37.10 1.08 0.00	36.85 1.00 0.00	37.51 1.09 0.00	41.93 1.38 0.00	55.75 2.20 0.00	63.76 2.75 0.00	56.81 2.55 0.00	43.33 2.14 0.00	40.85 1.91 0.00	39.06 1.75 0.00	36.62 1.64 0.00	36.58 1.61 0.00	35.30 1.58 0.00	36.08 1.65 0.00	39.45 1.91 0.00	46.21 2.41 0.00	56.99 2.71 0.00	66.07 2.78 0.00	62.49 2.57 0.00	50.48 1.99 0.00	44.71 1.76 0.00	41.94 1.34 0.00
BRADY___115KV_TB2 356060	39.06 -0.16 0.00	37.31 -0.04 0.00	36.06 0.04 0.00	35.92 0.07 0.00	36.52 0.11 0.00	40.84 0.28 0.00	53.77 0.21 0.00	60.83 -0.18 0.00	53.83 -0.43 0.00	40.61 -0.58 0.00	38.36 -0.58 0.00	36.63 -0.67 0.00	34.38 -0.59 0.00	34.37 -0.59 0.00	33.24 -0.47 0.00	33.80 -0.62 0.00	36.94 -0.60 0.00	43.41 -0.39 0.00	54.17 -0.11 0.00	63.54 0.25 0.00	60.28 0.36 0.00	49.03 0.53 0.00	43.46 0.52 0.00	41.17 0.57 0.00
BRANSCOMB___SOLAR 323811	41.26 2.04 0.00	39.17 1.83 0.00	37.68 1.66 0.00	37.46 1.61 0.00	38.16 1.75 0.00	42.70 2.15 0.00	56.39 2.84 0.00	64.30 3.29 0.00	57.08 2.82 0.00	43.09 1.90 0.00	40.61 1.67 0.00	38.83 1.53 0.00	36.37 1.40 0.00	36.29 1.33 0.00	35.03 1.31 0.00	35.87 1.45 0.00	39.27 1.73 0.00	45.99 2.19 0.00	57.26 2.98 0.00	66.57 3.29 0.00	62.91 2.99 0.00	50.87 2.38 0.00	44.92 1.98 0.00	42.43 1.83 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.89 2.67 0.00	39.70 2.35 0.00	38.00 1.98 0.00	37.71 1.86 0.00	38.38 1.97 0.00	43.55 3.00 0.00	57.09 3.53 0.00	65.83 4.82 0.00	58.71 4.45 0.00	44.81 3.62 0.00	42.13 3.19 0.00	40.14 2.83 0.00	37.46 2.48 0.00	37.41 2.45 0.00	36.18 2.46 0.00	37.14 2.72 0.00	40.92 3.38 0.00	48.10 4.29 0.00	59.22 4.94 0.00	67.34 4.05 0.00	64.47 4.55 0.00	51.93 3.44 0.00	46.25 3.31 0.00	43.00 2.40 0.00

BRISTLHL_115KV_TB1 79998	38.51 -0.71 0.00	36.71 -0.63 0.00	35.44 -0.58 0.00	35.27 -0.57 0.00	35.79 -0.62 0.00	39.78 -0.77 0.00	52.59 -0.96 0.00	59.91 -1.10 0.00	53.29 -0.98 0.00	40.45 -0.74 0.00	38.32 -0.62 0.00	36.78 -0.52 0.00	34.45 -0.52 0.00	34.44 -0.52 0.00	33.14 -0.57 0.00	33.87 -0.55 0.00	36.82 -0.71 0.00	42.84 -0.96 0.00	53.19 -1.09 0.00	62.27 -1.01 0.00	58.84 -1.08 0.00	47.52 -0.97 0.00	42.04 -0.90 0.00	39.83 -0.77 0.00
BROOKHAVEN___DRP 24191	41.53 2.31 0.00	39.36 2.02 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.09 1.68 0.00	43.43 2.88 0.00	56.61 3.05 0.00	65.28 4.27 0.00	58.50 4.23 0.00	44.65 3.46 0.00	41.94 3.00 0.00	39.91 2.61 0.00	37.28 2.31 0.00	37.27 2.31 0.00	36.04 2.33 0.00	37.01 2.58 0.00	40.69 3.15 0.00	47.88 4.07 0.00	58.95 4.67 0.00	66.26 2.97 0.00	63.81 3.89 0.00	51.45 2.96 0.00	45.91 2.96 0.00	42.64 2.03 0.00
BROOKLYN_NAVY_YARD 23515	41.10 1.88 0.00	39.06 1.72 0.00	37.42 1.40 0.00	37.10 1.25 0.00	37.83 1.42 0.00	42.29 1.74 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.63 2.21 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	67.02 3.73 0.00	63.39 3.47 0.00	51.21 2.71 0.00	45.30 2.36 0.00	42.39 1.78 0.00
BROOKLYN___ARMY_DRP 323595	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
BROOKVLE_69_KV_TB1 55790	41.77 2.55 0.00	39.59 2.24 0.00	37.93 1.91 0.00	37.64 1.79 0.00	38.31 1.89 0.00	43.19 2.64 0.00	56.93 3.37 0.00	65.53 4.51 0.00	58.28 4.02 0.00	44.61 3.42 0.00	42.02 3.08 0.00	40.10 2.80 0.00	37.46 2.48 0.00	37.38 2.41 0.00	36.14 2.43 0.00	37.04 2.62 0.00	40.69 3.15 0.00	47.75 3.94 0.00	58.78 4.51 0.00	67.53 4.24 0.00	64.23 4.31 0.00	51.79 3.30 0.00	46.08 3.13 0.00	42.88 2.27 0.00
BROOME_2_LFGE 323671	39.14 -0.08 0.00	37.31 -0.04 0.00	36.06 0.04 0.00	35.92 0.07 0.00	36.45 0.04 0.00	40.51 -0.04 0.00	53.56 0.00 0.00	60.95 -0.06 0.00	54.05 -0.22 0.00	40.98 -0.20 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.80 -0.17 0.00	34.76 -0.21 0.00	33.48 -0.23 0.00	34.25 -0.17 0.00	37.46 -0.07 0.00	43.63 -0.17 0.00	54.11 -0.16 0.00	63.67 0.38 0.00	60.16 0.24 0.00	48.54 0.05 0.00	43.03 0.09 0.00	40.85 0.25 0.00
BROOME___LFGE 323600	39.14 -0.08 0.00	37.31 -0.04 0.00	36.06 0.04 0.00	35.92 0.07 0.00	36.45 0.04 0.00	40.51 -0.04 0.00	53.56 0.00 0.00	60.95 -0.06 0.00	54.05 -0.22 0.00	40.98 -0.20 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.80 -0.17 0.00	34.76 -0.21 0.00	33.48 -0.23 0.00	34.25 -0.17 0.00	37.46 -0.07 0.00	43.63 -0.17 0.00	54.11 -0.16 0.00	63.67 0.38 0.00	60.16 0.24 0.00	48.54 0.05 0.00	43.03 0.09 0.00	40.85 0.25 0.00
BROWNFLS_115KV_TB_3_5 80003	38.16 -1.06 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	34.95 -0.90 0.00	35.58 -0.84 0.00	39.78 -0.77 0.00	52.65 -0.91 0.00	59.73 -1.28 0.00	52.85 -1.41 0.00	39.83 -1.36 0.00	37.54 -1.40 0.00	35.85 -1.45 0.00	33.51 -1.47 0.00	33.57 -1.40 0.00	32.40 -1.31 0.00	32.63 -1.79 0.00	35.62 -1.91 0.00	41.92 -1.88 0.00	52.38 -1.90 0.00	61.64 -1.65 0.00	58.42 -1.50 0.00	47.47 -1.02 0.00	42.17 -0.77 0.00	40.28 -0.32 0.00
BROWNSV1_27_KV_LOAD 356125	41.42 2.20 0.00	39.32 1.98 0.00	37.71 1.69 0.00	37.49 1.65 0.00	38.13 1.71 0.00	42.66 2.11 0.00	56.88 3.32 0.00	65.22 4.21 0.00	58.06 3.80 0.00	44.36 3.17 0.00	41.78 2.84 0.00	39.99 2.69 0.00	37.49 2.52 0.00	37.41 2.45 0.00	36.14 2.43 0.00	36.90 2.48 0.00	40.43 2.89 0.00	47.35 3.55 0.00	58.29 4.02 0.00	67.59 4.30 0.00	63.93 4.01 0.00	51.60 3.10 0.00	45.65 2.71 0.00	42.64 2.03 0.00
BURROWS___LYONSDAL 23803	39.38 0.16 0.00	37.46 0.11 0.00	36.20 0.18 0.00	35.95 0.11 0.00	36.60 0.18 0.00	40.84 0.28 0.00	54.15 0.59 0.00	61.93 0.92 0.00	54.81 0.54 0.00	41.40 0.21 0.00	38.98 0.04 0.00	37.27 -0.04 0.00	34.69 -0.28 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	33.98 -0.45 0.00	37.12 -0.41 0.00	43.59 -0.22 0.00	54.28 0.00 0.00	63.92 0.63 0.00	60.40 0.48 0.00	48.83 0.34 0.00	43.46 0.52 0.00	41.30 0.69 0.00
CAITHNESS_CC_1 323624	41.49 2.27 0.00	39.66 2.32 0.00	37.64 1.62 0.00	37.28 1.44 0.00	38.09 1.68 0.00	43.36 2.80 -0.01	56.50 2.94 0.00	65.16 4.15 0.00	58.39 4.12 0.00	44.49 3.30 0.00	41.86 2.92 0.00	39.87 2.57 0.00	37.28 2.31 0.00	37.38 2.41 0.00	36.01 2.29 0.00	36.97 2.55 0.00	40.58 3.04 0.00	47.84 4.03 -0.01	58.89 4.61 0.00	66.26 2.98 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.87 2.92 -0.01	42.80 2.19 0.00
CALPINE BETH_PAGE_GT4 24209	41.49 2.27 0.00	39.36 2.02 0.00	37.68 1.66 0.00	37.42 1.58 0.00	38.05 1.64 0.00	42.86 2.31 0.00	56.39 2.84 0.00	64.92 3.90 0.00	57.74 3.47 0.00	44.20 3.01 0.00	41.63 2.69 0.00	39.84 2.54 0.00	37.21 2.24 0.00	37.13 2.17 0.00	35.91 2.19 0.00	36.80 2.38 0.00	40.50 2.97 0.00	47.35 3.55 0.00	58.29 4.02 0.00	66.77 3.48 0.00	63.58 3.66 0.00	51.30 2.81 0.00	45.65 2.71 0.00	42.64 2.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.49 2.27 0.00	39.55 2.20 0.00	37.71 1.69 0.00	37.35 1.51 0.00	38.05 1.64 0.00	42.87 2.31 -0.01	56.39 2.84 0.00	64.80 3.78 0.00	57.74 3.48 0.00	44.16 2.97 0.00	41.63 2.68 0.00	39.84 2.54 0.00	37.21 2.24 0.00	37.24 2.27 0.00	35.91 2.19 0.00	36.80 2.37 0.00	40.43 2.89 0.00	47.36 3.55 -0.01	58.29 4.02 0.00	66.70 3.42 0.00	63.58 3.66 0.00	51.30 2.81 0.00	45.70 2.75 -0.01	42.80 2.19 0.00
CALPINE_BP_GT1 23823	41.49 2.27 0.00	39.55 2.20 0.00	37.71 1.69 0.00	37.35 1.51 0.00	38.05 1.64 0.00	42.87 2.31 -0.01	56.39 2.84 0.00	64.80 3.78 0.00	57.74 3.48 0.00	44.16 2.97 0.00	41.63 2.68 0.00	39.84 2.54 0.00	37.21 2.24 0.00	37.24 2.27 0.00	35.91 2.19 0.00	36.80 2.37 0.00	40.43 2.89 0.00	47.36 3.55 -0.01	58.29 4.02 0.00	66.70 3.42 0.00	63.58 3.66 0.00	51.30 2.81 0.00	45.70 2.75 -0.01	42.80 2.19 0.00
CALSPAN___DRP 24200	37.34 -1.88 0.00	35.81 -1.53 0.00	34.83 -1.19 0.00	34.77 -1.08 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.45 -3.11 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.72 -2.47 0.00	36.99 -1.95 0.00	35.66 -1.64 0.00	33.16 -1.82 0.00	33.11 -1.85 0.00	31.86 -1.85 0.00	32.70 -1.72 0.00	35.47 -2.06 0.00	40.91 -2.89 0.00	50.86 -3.42 0.00	61.32 -1.96 0.00	57.88 -2.04 0.00	46.55 -1.94 0.00	41.57 -1.37 0.00	40.08 -0.53 0.00

CALVERTON___SOLAR 323806	41.57 2.35 0.00	39.77 2.43 0.00	37.71 1.69 0.00	37.35 1.51 0.00	38.16 1.75 0.00	43.52 2.96 -0.01	56.66 3.11 0.00	65.28 4.27 0.00	58.61 4.34 0.00	44.65 3.46 0.00	41.98 3.04 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.65 3.11 0.00	47.93 4.12 -0.01	59.05 4.78 0.00	66.20 2.91 0.00	63.81 3.89 0.00	51.50 3.01 0.00	46.00 3.05 -0.01	42.88 2.27 0.00
CANDIGU_WT_PWR 323617	37.46 -1.76 0.00	35.85 -1.49 0.00	34.76 -1.26 0.00	34.66 -1.18 0.00	35.10 -1.31 0.00	39.01 -1.54 0.00	51.36 -2.20 0.00	58.21 -2.81 0.00	51.71 -2.55 0.00	39.09 -2.10 0.00	37.07 -1.87 0.00	35.59 -1.72 0.00	33.15 -1.82 0.00	33.08 -1.89 0.00	31.83 -1.89 0.00	32.67 -1.75 0.00	35.66 -1.88 0.00	41.48 -2.32 0.00	51.62 -2.66 0.00	61.83 -1.45 0.00	58.54 -1.38 0.00	47.23 -1.26 0.00	42.00 -0.94 0.00	40.36 -0.24 0.00
CARR STREET_E_SYR 24060	38.90 -0.32 0.00	37.04 -0.30 0.00	35.81 -0.21 0.00	35.63 -0.21 0.00	36.16 -0.25 0.00	40.19 -0.37 0.00	53.13 -0.43 0.00	60.52 -0.49 0.00	53.89 -0.38 0.00	40.90 -0.29 0.00	38.79 -0.16 0.00	37.19 -0.11 0.00	34.84 -0.14 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	34.29 -0.14 0.00	37.28 -0.26 0.00	43.32 -0.48 0.00	53.68 -0.60 0.00	62.97 -0.31 0.00	59.50 -0.42 0.00	48.01 -0.48 0.00	42.47 -0.47 0.00	40.20 -0.41 0.00
CARTHAGE___PAPER 23857	38.87 -0.35 0.00	37.01 -0.34 0.00	35.81 -0.21 0.00	35.56 -0.29 0.00	36.23 -0.18 0.00	40.51 -0.04 0.00	53.98 0.43 0.00	61.38 0.37 0.00	54.05 -0.22 0.00	40.65 -0.54 0.00	38.28 -0.66 0.00	36.48 -0.82 0.00	34.00 -0.98 0.00	34.06 -0.91 0.00	32.87 -0.84 0.00	32.39 -2.03 0.00	35.40 -2.14 0.00	41.75 -2.06 0.00	52.27 -2.01 0.00	61.89 -1.39 0.00	58.66 -1.26 0.00	47.42 -1.07 0.00	42.13 -0.82 0.00	41.05 0.45 0.00
CASSADAGA_WT_PWR 323784	36.71 -2.51 0.00	35.22 -2.13 0.00	34.33 -1.69 0.00	34.27 -1.58 0.00	34.78 -1.64 0.00	38.57 -1.99 0.00	50.61 -2.95 0.00	57.72 -3.30 0.00	51.23 -3.04 0.00	38.80 -2.39 0.00	36.88 -2.07 0.00	35.44 -1.86 0.00	32.94 -2.03 0.00	32.87 -2.10 0.00	31.66 -2.06 0.00	32.50 -1.93 0.00	35.32 -2.21 0.00	40.82 -2.98 0.00	51.07 -3.20 0.00	62.15 -1.14 0.00	59.14 -0.78 0.00	47.91 -0.58 0.00	42.77 -0.17 0.00	41.29 0.69 0.00
CE_DUNWOOD___DRP 24194	41.02 1.80 0.00	38.95 1.61 0.00	37.39 1.37 0.00	37.14 1.29 0.00	37.80 1.38 0.00	42.30 1.74 0.00	56.18 2.62 0.00	64.43 3.42 0.00	57.36 3.09 0.00	43.74 2.55 0.00	41.24 2.30 0.00	39.43 2.13 0.00	36.97 1.99 0.00	36.89 1.92 0.00	35.64 1.92 0.00	36.42 2.00 0.00	39.86 2.33 0.00	46.70 2.89 0.00	57.53 3.26 0.00	66.64 3.35 0.00	63.10 3.18 0.00	50.92 2.42 0.00	45.09 2.15 0.00	42.19 1.58 0.00
CE_MILLWOOD___DRP 24193	40.91 1.69 0.00	38.84 1.49 0.00	37.28 1.26 0.00	37.06 1.22 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.02 2.46 0.00	64.18 3.17 0.00	57.09 2.82 0.00	43.58 2.39 0.00	41.04 2.10 0.00	39.28 1.98 0.00	36.83 1.85 0.00	36.75 1.78 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.71 2.18 0.00	46.52 2.72 0.00	57.32 3.04 0.00	66.39 3.10 0.00	62.86 2.94 0.00	50.77 2.28 0.00	44.92 1.98 0.00	42.03 1.42 0.00
CE_NYC2_DRP 24202	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.17 4.15 -0.01	58.40 3.74 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.88 4.18 -0.42	65.04 3.89 -1.23	57.92 3.05 -6.37	53.09 2.66 -7.48	43.09 1.99 -0.50
CE_NYC_DRP 24195	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.61 3.05 0.00	64.85 3.84 0.00	57.79 3.53 0.00	44.16 2.97 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.32 2.34 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.73 2.31 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.39 1.79 0.00
CHAFFEE___LFGE 323603	37.42 -1.80 0.00	35.89 -1.46 0.00	34.87 -1.15 0.00	34.73 -1.11 0.00	35.18 -1.24 0.00	39.01 -1.54 0.00	51.25 -2.30 0.00	58.02 -2.99 0.00	51.44 -2.82 0.00	39.05 -2.14 0.00	37.19 -1.75 0.00	35.77 -1.53 0.00	33.26 -1.71 0.00	33.15 -1.82 0.00	31.93 -1.79 0.00	32.74 -1.69 0.00	35.58 -1.95 0.00	41.09 -2.72 0.00	51.02 -3.26 0.00	61.45 -1.84 0.00	58.12 -1.80 0.00	46.84 -1.65 0.00	41.74 -1.20 0.00	40.32 -0.28 0.00
CHATEAUG_35_KV_LOAD 355732	38.08 -1.14 0.00	36.45 -0.90 0.00	35.23 -0.79 0.00	35.20 -0.65 0.00	35.76 -0.66 0.00	39.90 -0.65 0.00	52.54 -1.02 0.00	59.12 -1.89 0.00	52.64 -1.63 0.00	39.62 -1.57 0.00	37.34 -1.60 0.00	35.66 -1.64 0.00	33.51 -1.47 0.00	33.53 -1.43 0.00	32.43 -1.28 0.00	33.08 -1.34 0.00	36.22 -1.31 0.00	42.58 -1.23 0.00	53.25 -1.03 0.00	62.02 -1.27 0.00	59.14 -0.78 0.00	48.40 -0.10 0.00	42.90 -0.04 0.00	40.65 0.04 0.00
CHATEAUG_WT_PWR 323614	37.96 -1.26 0.00	36.37 -0.97 0.00	35.19 -0.83 0.00	35.13 -0.72 0.00	35.69 -0.73 0.00	39.82 -0.73 0.00	52.43 -1.13 0.00	59.55 -1.46 0.00	52.58 -1.68 0.00	39.58 -1.61 0.00	37.31 -1.63 0.00	35.62 -1.68 0.00	33.44 -1.54 0.00	33.46 -1.50 0.00	32.37 -1.35 0.00	33.01 -1.41 0.00	36.11 -1.43 0.00	42.49 -1.31 0.00	53.13 -1.14 0.00	61.77 -1.52 0.00	58.90 -1.02 0.00	48.30 -0.19 0.00	42.82 -0.13 0.00	40.61 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	38.08 -1.14 0.00	36.45 -0.90 0.00	35.23 -0.79 0.00	35.20 -0.65 0.00	35.76 -0.66 0.00	39.90 -0.65 0.00	52.54 -1.02 0.00	59.12 -1.89 0.00	52.64 -1.63 0.00	39.62 -1.57 0.00	37.34 -1.60 0.00	35.66 -1.64 0.00	33.51 -1.47 0.00	33.53 -1.43 0.00	32.43 -1.28 0.00	33.08 -1.34 0.00	36.22 -1.31 0.00	42.58 -1.23 0.00	53.25 -1.03 0.00	62.02 -1.27 0.00	59.14 -0.78 0.00	48.40 -0.10 0.00	42.90 -0.04 0.00	40.65 0.04 0.00
CHAUTAUQUA___LFGE 323629	37.34 -1.88 0.00	35.81 -1.53 0.00	34.87 -1.15 0.00	34.77 -1.07 0.00	35.21 -1.20 0.00	39.01 -1.54 0.00	51.09 -2.46 0.00	58.02 -2.99 0.00	51.50 -2.77 0.00	39.13 -2.06 0.00	37.27 -1.67 0.00	35.85 -1.46 0.00	33.33 -1.64 0.00	33.25 -1.71 0.00	32.03 -1.68 0.00	32.88 -1.55 0.00	35.74 -1.80 0.00	41.22 -2.58 0.00	51.35 -2.93 0.00	62.15 -1.14 0.00	58.90 -1.02 0.00	47.57 -0.92 0.00	42.43 -0.51 0.00	41.01 0.41 0.00
CHERRYST_13_KV_LD 356241	41.30 2.08 0.00	39.21 1.87 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.05 1.64 0.00	42.54 1.99 0.00	56.77 3.21 0.00	65.10 4.09 0.00	57.95 3.69 0.00	44.28 3.09 0.00	41.71 2.76 0.00	39.91 2.61 0.00	37.42 2.45 0.00	37.34 2.38 0.00	36.08 2.36 0.00	36.83 2.41 0.00	40.35 2.82 0.00	47.22 3.42 0.00	58.08 3.80 0.00	67.34 4.05 0.00	63.69 3.77 0.00	51.45 2.96 0.00	45.48 2.53 0.00	42.51 1.91 0.00

CHESTROR_138KV_BK263 355645	40.51 1.29 0.00	38.47 1.12 0.00	36.96 0.94 0.00	36.74 0.90 0.00	37.36 0.95 0.00	41.77 1.22 0.00	55.43 1.87 0.00	63.45 2.44 0.00	56.43 2.17 0.00	43.00 1.81 0.00	40.50 1.56 0.00	38.76 1.45 0.00	36.34 1.36 0.00	36.29 1.33 0.00	35.03 1.31 0.00	35.80 1.38 0.00	39.19 1.65 0.00	45.86 2.06 0.00	56.61 2.33 0.00	65.75 2.47 0.00	62.20 2.28 0.00	50.24 1.75 0.00	44.49 1.55 0.00	41.70 1.10 0.00
CH_MIDHUDSON___DRP 24192	40.91 1.69 0.00	38.84 1.49 0.00	37.32 1.30 0.00	37.06 1.22 0.00	37.69 1.27 0.00	42.17 1.62 0.00	55.91 2.36 0.00	64.06 3.05 0.00	56.98 2.71 0.00	43.37 2.18 0.00	40.85 1.91 0.00	39.09 1.79 0.00	36.69 1.71 0.00	36.61 1.64 0.00	35.37 1.65 0.00	36.14 1.72 0.00	39.56 2.03 0.00	46.39 2.58 0.00	57.21 2.93 0.00	66.32 3.04 0.00	62.74 2.82 0.00	50.67 2.18 0.00	44.83 1.89 0.00	42.03 1.42 0.00
CH_MISC_IPPS 23765	41.10 1.88 0.00	39.03 1.68 0.00	37.46 1.44 0.00	37.21 1.36 0.00	37.83 1.42 0.00	42.33 1.78 0.00	56.29 2.73 0.00	64.43 3.41 0.00	57.30 3.04 0.00	43.62 2.43 0.00	41.04 2.10 0.00	39.24 1.94 0.00	36.83 1.85 0.00	36.78 1.82 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.75 2.21 0.00	46.69 2.89 0.00	57.64 3.37 0.00	66.96 3.67 0.00	63.21 3.29 0.00	51.01 2.52 0.00	45.22 2.27 0.00	42.43 1.83 0.00
CH_RES_BVR_FALLS 23983	38.36 -0.86 0.00	36.56 -0.79 0.00	35.26 -0.76 0.00	35.09 -0.75 0.00	35.65 -0.77 0.00	39.74 -0.81 0.00	52.43 -1.13 0.00	59.73 -1.28 0.00	53.02 -1.25 0.00	40.20 -0.99 0.00	37.97 -0.97 0.00	36.33 -0.97 0.00	34.10 -0.87 0.00	34.09 -0.87 0.00	32.91 -0.81 0.00	33.56 -0.86 0.00	36.64 -0.90 0.00	42.88 -0.92 0.00	53.35 -0.92 0.00	62.34 -0.95 0.00	59.14 -0.78 0.00	47.96 -0.53 0.00	42.51 -0.43 0.00	40.28 -0.33 0.00
CH_RES_NIAGARA 23895	36.28 -2.94 0.00	34.84 -2.50 0.00	33.89 -2.13 0.00	33.84 -2.01 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.74 -4.82 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.83 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.10 -2.87 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.38 -3.15 0.00	39.64 -4.16 0.00	49.12 -5.16 0.00	59.11 -4.18 0.00	55.79 -4.13 0.00	44.81 -3.69 0.00	40.07 -2.88 0.00	38.74 -1.87 0.00
CH_RES_SYRACUSE 23985	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.43 -0.12 0.00	53.45 -0.11 0.00	60.89 -0.12 0.00	54.21 -0.05 0.00	41.11 -0.08 0.00	38.98 0.04 0.00	37.38 0.07 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.42 0.00 0.00	37.43 -0.11 0.00	43.59 -0.22 0.00	54.01 -0.27 0.00	63.35 0.06 0.00	59.80 -0.12 0.00	48.30 -0.19 0.00	42.69 -0.26 0.00	40.40 -0.20 0.00
CLINTON_WT_PWR 323605	37.96 -1.26 0.00	36.37 -0.97 0.00	35.19 -0.83 0.00	35.13 -0.72 0.00	35.69 -0.73 0.00	39.82 -0.73 0.00	52.43 -1.13 0.00	59.55 -1.46 0.00	52.58 -1.68 0.00	39.58 -1.61 0.00	37.31 -1.63 0.00	35.62 -1.68 0.00	33.44 -1.54 0.00	33.46 -1.50 0.00	32.37 -1.35 0.00	33.01 -1.41 0.00	36.11 -1.43 0.00	42.49 -1.31 0.00	53.13 -1.14 0.00	61.77 -1.52 0.00	58.90 -1.02 0.00	48.30 -0.19 0.00	42.82 -0.13 0.00	40.61 0.00 0.00
CLINTON___LFGE 323618	38.00 -1.22 0.00	36.49 -0.86 0.00	35.30 -0.72 0.00	35.31 -0.54 0.00	35.87 -0.55 0.00	40.11 -0.45 0.00	52.75 -0.80 0.00	59.91 -1.10 0.00	52.74 -1.52 0.00	39.58 -1.61 0.00	37.27 -1.67 0.00	35.55 -1.75 0.00	33.40 -1.57 0.00	33.43 -1.54 0.00	32.33 -1.38 0.00	32.94 -1.48 0.00	36.15 -1.39 0.00	42.71 -1.09 0.00	53.57 -0.71 0.00	62.08 -1.20 0.00	59.32 -0.60 0.00	48.93 0.44 0.00	43.33 0.39 0.00	41.05 0.45 0.00
COBBLENY_34_KV_TB1 80064	37.42 -1.80 0.00	35.93 -1.42 0.00	34.87 -1.15 0.00	34.81 -1.04 0.00	35.18 -1.24 0.00	39.01 -1.54 0.00	51.31 -2.25 0.00	58.02 -2.99 0.00	51.44 -2.82 0.00	39.05 -2.14 0.00	37.19 -1.75 0.00	35.77 -1.53 0.00	33.26 -1.71 0.00	33.18 -1.78 0.00	31.96 -1.75 0.00	32.74 -1.69 0.00	35.51 -2.03 0.00	41.09 -2.72 0.00	51.24 -3.04 0.00	61.70 -1.58 0.00	58.30 -1.62 0.00	46.94 -1.55 0.00	41.78 -1.16 0.00	40.28 -0.32 0.00
COFFEEN___115KV_TB3 355620	39.53 0.31 0.00	37.61 0.26 0.00	36.42 0.40 0.00	36.13 0.29 0.00	36.81 0.40 0.00	41.12 0.57 0.00	54.73 1.18 0.00	62.35 1.34 0.00	54.86 0.60 0.00	41.23 0.04 0.00	38.79 -0.16 0.00	37.00 -0.30 0.00	34.38 -0.59 0.00	34.48 -0.49 0.00	33.28 -0.44 0.00	33.39 -1.03 0.00	36.49 -1.05 0.00	43.02 -0.79 0.00	53.95 -0.33 0.00	64.24 0.95 0.00	60.70 0.78 0.00	49.03 0.53 0.00	43.42 0.47 0.00	41.66 1.06 0.00
COLDSPRG_115KV_BK1 355956	37.81 -1.41 0.00	36.30 -1.05 0.00	35.26 -0.76 0.00	35.27 -0.57 0.00	35.65 -0.76 0.00	39.54 -1.01 0.00	52.06 -1.50 0.00	59.06 -1.95 0.00	52.36 -1.90 0.00	39.75 -1.44 0.00	37.81 -1.13 0.00	36.41 -0.90 0.00	33.82 -1.15 0.00	33.74 -1.22 0.00	32.47 -1.25 0.00	33.29 -1.14 0.00	36.07 -1.46 0.00	41.75 -2.06 0.00	52.21 -2.06 0.00	63.29 0.00 0.00	59.92 0.00 0.00	48.35 -0.15 0.00	43.07 0.13 0.00	41.46 0.85 0.00
COLONIE_LFGE___ 323577	40.83 1.61 0.00	38.80 1.46 0.00	37.31 1.29 0.00	37.06 1.22 0.00	37.72 1.31 0.00	42.18 1.62 0.00	55.59 2.03 0.00	63.45 2.44 0.00	56.49 2.23 0.00	42.79 1.60 0.00	40.34 1.40 0.00	38.61 1.30 0.00	36.23 1.26 0.00	36.22 1.26 0.00	34.93 1.21 0.00	35.70 1.27 0.00	39.08 1.54 0.00	45.69 1.88 0.00	56.61 2.33 0.00	65.56 2.27 0.00	62.02 2.10 0.00	50.19 1.70 0.00	44.36 1.42 0.00	41.94 1.34 0.00
COOPERNY_115KV_TB1 80082	40.12 0.90 0.00	38.13 0.78 0.00	36.70 0.68 0.00	36.49 0.65 0.00	37.11 0.69 0.00	41.40 0.85 0.00	54.89 1.34 0.00	62.72 1.71 0.00	55.78 1.52 0.00	42.51 1.32 0.00	40.07 1.13 0.00	38.35 1.04 0.00	35.95 0.98 0.00	35.91 0.94 0.00	34.66 0.94 0.00	35.42 1.00 0.00	38.70 1.16 0.00	45.25 1.45 0.00	55.91 1.63 0.00	64.99 1.71 0.00	61.54 1.62 0.00	49.75 1.26 0.00	44.06 1.12 0.00	41.38 0.77 0.00
COPENHAGEN_WT_PWR 323753	39.18 -0.04 0.00	37.27 -0.07 0.00	36.09 0.07 0.00	35.81 -0.04 0.00	36.49 0.07 0.00	40.71 0.16 0.00	54.31 0.75 0.00	61.75 0.73 0.00	54.43 0.16 0.00	40.98 -0.20 0.00	38.59 -0.35 0.00	36.82 -0.49 0.00	34.28 -0.70 0.00	34.37 -0.59 0.00	33.14 -0.57 0.00	33.29 -1.14 0.00	36.33 -1.20 0.00	42.71 -1.09 0.00	53.46 -0.81 0.00	63.41 0.13 0.00	59.98 0.06 0.00	48.44 -0.05 0.00	42.90 -0.04 0.00	41.13 0.53 0.00
CORNELL_____ 23752	39.81 0.59 0.00	37.98 0.63 0.00	36.67 0.65 0.00	36.49 0.65 0.00	37.03 0.62 0.00	41.28 0.73 0.00	54.73 1.18 0.00	62.23 1.22 0.00	55.29 1.03 0.00	41.77 0.58 0.00	39.49 0.55 0.00	37.82 0.52 0.00	35.36 0.38 0.00	35.35 0.38 0.00	34.05 0.34 0.00	34.87 0.45 0.00	37.95 0.41 0.00	44.42 0.61 0.00	55.31 1.03 0.00	65.12 1.84 0.00	61.48 1.56 0.00	49.61 1.12 0.00	43.80 0.86 0.00	41.46 0.85 0.00

CORONA V_69_KV_TB1 355595	41.65 2.43 0.00	39.51 2.17 0.00	37.82 1.80 0.00	37.57 1.72 0.00	38.20 1.78 0.00	43.07 2.51 0.00	56.82 3.27 0.00	65.22 4.21 0.00	58.06 3.80 0.00	44.44 3.25 0.00	41.86 2.92 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.27 2.31 0.00	36.01 2.29 0.00	36.87 2.44 0.00	40.50 2.97 0.00	47.53 3.72 0.00	58.40 4.13 0.00	67.21 3.92 0.00	63.87 3.95 0.00	51.60 3.10 0.00	45.86 2.92 0.00	42.72 2.11 0.00
CORTLAND_115KV_TB3 80093	39.53 0.31 0.00	37.68 0.34 0.00	36.38 0.36 0.00	36.20 0.36 0.00	36.74 0.33 0.00	40.92 0.36 0.00	54.20 0.64 0.00	61.68 0.67 0.00	54.81 0.54 0.00	41.52 0.33 0.00	39.25 0.31 0.00	37.64 0.34 0.00	35.18 0.21 0.00	35.18 0.21 0.00	33.88 0.17 0.00	34.66 0.24 0.00	37.73 0.19 0.00	44.07 0.26 0.00	54.77 0.49 0.00	64.36 1.08 0.00	60.82 0.90 0.00	49.07 0.58 0.00	43.37 0.43 0.00	41.09 0.49 0.00
COXSACKIE___GT 23611	41.38 2.16 0.00	39.25 1.90 0.00	37.75 1.73 0.00	37.57 1.72 0.00	38.20 1.78 0.00	42.74 2.19 0.00	56.77 3.21 0.00	64.73 3.72 0.00	56.98 2.71 0.00	42.84 1.65 0.00	40.19 1.25 0.00	38.38 1.08 0.00	36.06 1.09 0.00	36.01 1.05 0.00	34.79 1.08 0.00	35.66 1.24 0.00	39.11 1.58 0.00	45.99 2.19 0.00	57.48 3.20 0.00	67.15 3.86 0.00	63.33 3.41 0.00	51.11 2.62 0.00	45.26 2.32 0.00	42.63 2.03 0.00
CPV_VALLEY___CC1 323721	40.24 1.02 0.00	38.28 0.93 0.00	36.78 0.76 0.00	36.52 0.68 0.00	37.14 0.73 0.00	41.49 0.93 0.00	55.05 1.50 0.00	62.90 1.89 0.00	56.00 1.74 0.00	42.71 1.52 0.00	40.27 1.32 0.00	38.53 1.23 0.00	36.13 1.15 0.00	36.08 1.12 0.00	34.83 1.11 0.00	35.59 1.17 0.00	38.89 1.35 0.00	45.51 1.71 0.00	56.18 1.90 0.00	65.18 1.90 0.00	61.72 1.80 0.00	49.85 1.36 0.00	44.19 1.25 0.00	41.54 0.93 0.00
CPV_VALLEY___CC2 323722	40.24 1.02 0.00	38.28 0.93 0.00	36.78 0.76 0.00	36.52 0.68 0.00	37.14 0.73 0.00	41.49 0.93 0.00	55.05 1.50 0.00	62.90 1.89 0.00	56.00 1.74 0.00	42.71 1.52 0.00	40.27 1.32 0.00	38.53 1.23 0.00	36.13 1.15 0.00	36.08 1.12 0.00	34.83 1.11 0.00	35.59 1.17 0.00	38.89 1.35 0.00	45.51 1.71 0.00	56.18 1.90 0.00	65.18 1.90 0.00	61.72 1.80 0.00	49.85 1.36 0.00	44.19 1.25 0.00	41.54 0.93 0.00
CRESCENT___HYD 24018	40.83 1.61 0.00	38.80 1.46 0.00	37.31 1.29 0.00	37.06 1.22 0.00	37.72 1.31 0.00	42.18 1.62 0.00	55.59 2.03 0.00	63.45 2.44 0.00	56.49 2.23 0.00	42.79 1.60 0.00	40.34 1.40 0.00	38.61 1.30 0.00	36.23 1.26 0.00	36.22 1.26 0.00	34.93 1.21 0.00	35.70 1.27 0.00	39.08 1.54 0.00	45.69 1.88 0.00	56.61 2.33 0.00	65.56 2.27 0.00	62.02 2.10 0.00	50.19 1.70 0.00	44.36 1.42 0.00	41.94 1.34 0.00
CRICKET___VALLEY_CC1 323756	40.71 1.49 0.00	38.73 1.38 0.00	37.17 1.15 0.00	36.88 1.04 0.00	37.54 1.13 0.00	42.01 1.46 0.00	55.54 1.98 0.00	63.57 2.56 0.00	56.65 2.38 0.00	43.13 1.94 0.00	40.61 1.67 0.00	38.87 1.57 0.00	36.48 1.50 0.00	36.47 1.50 0.00	35.16 1.45 0.00	35.94 1.51 0.00	39.34 1.80 0.00	46.08 2.28 0.00	56.83 2.55 0.00	65.63 2.34 0.00	62.14 2.22 0.00	50.24 1.74 0.00	44.49 1.54 0.00	41.87 1.26 0.00
CRICKET___VALLEY_CC2 323757	40.71 1.49 0.00	38.73 1.38 0.00	37.17 1.15 0.00	36.88 1.04 0.00	37.54 1.13 0.00	42.01 1.46 0.00	55.54 1.98 0.00	63.57 2.56 0.00	56.65 2.38 0.00	43.13 1.94 0.00	40.61 1.67 0.00	38.87 1.57 0.00	36.48 1.50 0.00	36.47 1.50 0.00	35.16 1.45 0.00	35.94 1.51 0.00	39.34 1.80 0.00	46.08 2.28 0.00	56.83 2.55 0.00	65.63 2.34 0.00	62.14 2.22 0.00	50.24 1.74 0.00	44.49 1.54 0.00	41.87 1.26 0.00
CRICKET___VALLEY_CC3 323758	40.71 1.49 0.00	38.73 1.38 0.00	37.17 1.15 0.00	36.88 1.04 0.00	37.54 1.13 0.00	42.01 1.46 0.00	55.54 1.98 0.00	63.57 2.56 0.00	56.65 2.38 0.00	43.13 1.94 0.00	40.61 1.67 0.00	38.87 1.57 0.00	36.48 1.50 0.00	36.47 1.50 0.00	35.16 1.45 0.00	35.94 1.51 0.00	39.34 1.80 0.00	46.08 2.28 0.00	56.83 2.55 0.00	65.63 2.34 0.00	62.14 2.22 0.00	50.24 1.74 0.00	44.49 1.54 0.00	41.87 1.26 0.00
CRUCIBLE_METL_DRP 24180	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.43 -0.12 0.00	53.45 -0.11 0.00	60.89 -0.12 0.00	54.21 -0.05 0.00	41.11 -0.08 0.00	38.98 0.04 0.00	37.38 0.07 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.42 0.00 0.00	37.42 -0.11 0.00	43.59 -0.22 0.00	54.06 -0.22 0.00	63.35 0.06 0.00	59.86 -0.06 0.00	48.30 -0.19 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00
DAHOWA___HYDRO 323763	41.38 2.16 0.00	39.29 1.94 0.00	37.78 1.76 0.00	37.57 1.72 0.00	38.27 1.86 0.00	42.82 2.27 0.00	56.61 3.05 0.00	64.55 3.54 0.00	57.25 2.98 0.00	43.17 1.98 0.00	40.73 1.79 0.00	38.94 1.64 0.00	36.44 1.47 0.00	36.37 1.40 0.00	35.10 1.38 0.00	35.90 1.48 0.00	39.34 1.80 0.00	46.08 2.28 0.00	57.48 3.20 0.00	66.83 3.54 0.00	63.15 3.23 0.00	51.06 2.57 0.00	45.05 2.10 0.00	42.55 1.95 0.00
DANC___LFGE 323619	38.87 -0.35 0.00	36.97 -0.37 0.00	35.77 -0.25 0.00	35.52 -0.32 0.00	36.16 -0.25 0.00	40.31 -0.24 0.00	53.56 0.00 0.00	60.95 -0.06 0.00	53.89 -0.38 0.00	40.70 -0.49 0.00	38.40 -0.55 0.00	36.70 -0.60 0.00	34.24 -0.74 0.00	34.30 -0.67 0.00	33.07 -0.64 0.00	33.42 -1.00 0.00	36.45 -1.09 0.00	42.71 -1.09 0.00	53.24 -1.03 0.00	62.91 -0.38 0.00	59.44 -0.48 0.00	48.01 -0.48 0.00	42.47 -0.47 0.00	40.52 -0.08 0.00
DANSKAMMER___1 23586	41.10 1.88 0.00	39.03 1.68 0.00	37.46 1.44 0.00	37.21 1.36 0.00	37.83 1.42 0.00	42.33 1.78 0.00	56.29 2.73 0.00	64.43 3.41 0.00	57.30 3.04 0.00	43.62 2.43 0.00	41.04 2.10 0.00	39.24 1.94 0.00	36.83 1.85 0.00	36.78 1.82 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.75 2.21 0.00	46.69 2.89 0.00	57.64 3.37 0.00	66.96 3.67 0.00	63.21 3.29 0.00	51.01 2.52 0.00	45.22 2.27 0.00	42.43 1.83 0.00
DANSKAMMER___2 23589	41.10 1.88 0.00	39.03 1.68 0.00	37.46 1.44 0.00	37.21 1.36 0.00	37.83 1.42 0.00	42.33 1.78 0.00	56.29 2.73 0.00	64.43 3.41 0.00	57.30 3.04 0.00	43.62 2.43 0.00	41.04 2.10 0.00	39.24 1.94 0.00	36.83 1.85 0.00	36.78 1.82 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.75 2.21 0.00	46.69 2.89 0.00	57.64 3.37 0.00	66.96 3.67 0.00	63.21 3.29 0.00	51.01 2.52 0.00	45.22 2.27 0.00	42.43 1.83 0.00
DANSKAMMER___3 23590	41.10 1.88 0.00	39.03 1.68 0.00	37.46 1.44 0.00	37.21 1.36 0.00	37.83 1.42 0.00	42.33 1.78 0.00	56.29 2.73 0.00	64.43 3.41 0.00	57.30 3.04 0.00	43.62 2.43 0.00	41.04 2.10 0.00	39.24 1.94 0.00	36.83 1.85 0.00	36.78 1.82 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.75 2.21 0.00	46.69 2.89 0.00	57.64 3.37 0.00	66.96 3.67 0.00	63.21 3.29 0.00	51.01 2.52 0.00	45.22 2.27 0.00	42.43 1.83 0.00

DANSKAMMER___4 23591	41.10 1.88 0.00	39.03 1.68 0.00	37.46 1.44 0.00	37.21 1.36 0.00	37.83 1.42 0.00	42.33 1.78 0.00	56.29 2.73 0.00	64.43 3.41 0.00	57.30 3.04 0.00	43.62 2.43 0.00	41.04 2.10 0.00	39.24 1.94 0.00	36.83 1.85 0.00	36.78 1.82 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.75 2.21 0.00	46.69 2.89 0.00	57.64 3.37 0.00	66.96 3.67 0.00	63.21 3.29 0.00	51.01 2.52 0.00	45.22 2.27 0.00	42.43 1.83 0.00
DANSKAMMER___DIESEL 23592	41.10 1.88 0.00	39.03 1.68 0.00	37.46 1.44 0.00	37.24 1.40 0.00	37.83 1.42 0.00	42.34 1.78 0.00	56.29 2.73 0.00	64.49 3.48 0.00	57.30 3.04 0.00	43.62 2.43 0.00	41.04 2.10 0.00	39.24 1.94 0.00	36.83 1.85 0.00	36.75 1.78 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.75 2.21 0.00	46.65 2.85 0.00	57.64 3.37 0.00	66.96 3.67 0.00	63.28 3.36 0.00	51.01 2.52 0.00	45.22 2.28 0.00	42.35 1.75 0.00
DARBY___SOLAR 323810	41.30 2.08 0.00	39.21 1.87 0.00	37.71 1.69 0.00	37.49 1.65 0.00	38.20 1.78 0.00	42.74 2.19 0.00	56.45 2.89 0.00	64.36 3.35 0.00	57.14 2.87 0.00	43.13 1.94 0.00	40.65 1.71 0.00	38.87 1.57 0.00	36.41 1.43 0.00	36.33 1.36 0.00	35.07 1.35 0.00	35.87 1.45 0.00	39.30 1.76 0.00	46.04 2.23 0.00	57.31 3.04 0.00	66.64 3.35 0.00	62.97 3.05 0.00	50.92 2.42 0.00	44.96 2.02 0.00	42.47 1.87 0.00
DASHVILLE___HYD 23610	40.83 1.61 0.00	38.73 1.38 0.00	37.24 1.22 0.00	36.99 1.15 0.00	37.62 1.20 0.00	42.01 1.46 0.00	55.91 2.36 0.00	63.94 2.93 0.00	56.76 2.50 0.00	43.21 2.02 0.00	40.65 1.71 0.00	38.87 1.57 0.00	36.51 1.54 0.00	36.43 1.47 0.00	35.20 1.48 0.00	35.97 1.55 0.00	39.41 1.88 0.00	46.21 2.41 0.00	57.10 2.82 0.00	66.32 3.04 0.00	62.68 2.76 0.00	50.63 2.13 0.00	44.88 1.93 0.00	41.99 1.38 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.61 2.39 0.00	39.44 2.09 0.00	37.75 1.73 0.00	37.53 1.68 0.00	38.27 1.86 0.00	43.76 3.20 0.00	56.88 3.32 0.00	65.71 4.70 0.00	58.88 4.61 0.00	44.86 3.67 0.00	41.98 3.04 0.00	39.88 2.57 0.00	37.18 2.20 0.00	37.17 2.20 0.00	35.94 2.23 0.00	36.90 2.48 0.00	40.54 3.00 0.00	47.70 3.90 0.00	58.89 4.61 0.00	65.94 2.66 0.00	63.75 3.83 0.00	51.50 3.01 0.00	46.12 3.18 0.00	43.00 2.40 0.00
DELAWARE___LFGE 323621	40.24 1.02 0.00	38.28 0.93 0.00	36.96 0.94 0.00	36.74 0.90 0.00	37.36 0.95 0.00	41.61 1.05 0.00	55.06 1.50 0.00	62.84 1.83 0.00	55.84 1.57 0.00	42.43 1.24 0.00	40.03 1.09 0.00	38.31 1.01 0.00	35.85 0.87 0.00	35.84 0.87 0.00	34.56 0.84 0.00	35.28 0.86 0.00	38.59 1.05 0.00	45.12 1.31 0.00	55.96 1.68 0.00	65.31 2.03 0.00	61.78 1.86 0.00	50.00 1.50 0.00	44.23 1.29 0.00	41.66 1.06 0.00
DERFIELD_115KV_TB7 355931	39.34 0.12 0.00	37.42 0.07 0.00	36.09 0.07 0.00	35.92 0.07 0.00	36.49 0.07 0.00	40.63 0.08 0.00	53.72 0.16 0.00	61.19 0.18 0.00	54.43 0.16 0.00	41.35 0.16 0.00	39.06 0.12 0.00	37.41 0.11 0.00	35.04 0.07 0.00	35.07 0.10 0.00	33.82 0.10 0.00	34.53 0.10 0.00	37.65 0.11 0.00	43.98 0.18 0.00	54.49 0.22 0.00	63.54 0.25 0.00	60.10 0.18 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.69 0.08 0.00
DOGLEVILLE___HYD 23807	38.59 -0.63 0.00	36.71 -0.64 0.00	35.41 -0.61 0.00	35.27 -0.57 0.00	35.90 -0.51 0.00	40.07 -0.48 0.00	52.97 -0.59 0.00	60.34 -0.67 0.00	53.56 -0.71 0.00	40.57 -0.62 0.00	38.24 -0.70 0.00	36.63 -0.67 0.00	34.28 -0.70 0.00	34.30 -0.67 0.00	33.04 -0.67 0.00	33.74 -0.69 0.00	36.79 -0.75 0.00	43.06 -0.74 0.00	53.63 -0.65 0.00	62.72 -0.57 0.00	59.38 -0.54 0.00	48.15 -0.34 0.00	42.65 -0.30 0.00	40.28 -0.33 0.00
DUNKIRK___115KV_TB_200 55889	37.38 -1.84 0.00	35.89 -1.46 0.00	34.90 -1.12 0.00	34.88 -0.97 0.00	35.25 -1.17 0.00	39.05 -1.50 0.00	51.20 -2.36 0.00	58.08 -2.93 0.00	51.55 -2.71 0.00	39.17 -2.02 0.00	37.31 -1.64 0.00	35.88 -1.42 0.00	33.37 -1.61 0.00	33.32 -1.64 0.00	32.06 -1.65 0.00	32.91 -1.51 0.00	35.66 -1.88 0.00	41.26 -2.54 0.00	51.51 -2.77 0.00	62.40 -0.89 0.00	59.02 -0.90 0.00	47.62 -0.87 0.00	42.47 -0.47 0.00	40.89 0.28 0.00
DUNKIRK___1 23563	37.38 -1.84 0.00	35.89 -1.46 0.00	34.90 -1.12 0.00	34.88 -0.97 0.00	35.25 -1.17 0.00	39.05 -1.50 0.00	51.20 -2.36 0.00	58.08 -2.93 0.00	51.55 -2.71 0.00	39.17 -2.02 0.00	37.31 -1.64 0.00	35.88 -1.42 0.00	33.37 -1.61 0.00	33.32 -1.64 0.00	32.06 -1.65 0.00	32.91 -1.51 0.00	35.66 -1.88 0.00	41.26 -2.54 0.00	51.51 -2.77 0.00	62.40 -0.89 0.00	59.02 -0.90 0.00	47.62 -0.87 0.00	42.47 -0.47 0.00	40.89 0.28 0.00
DUNKIRK___2 23564	37.38 -1.84 0.00	35.89 -1.46 0.00	34.90 -1.12 0.00	34.88 -0.97 0.00	35.25 -1.17 0.00	39.05 -1.50 0.00	51.20 -2.36 0.00	58.08 -2.93 0.00	51.55 -2.71 0.00	39.17 -2.02 0.00	37.31 -1.64 0.00	35.88 -1.42 0.00	33.37 -1.61 0.00	33.32 -1.64 0.00	32.06 -1.65 0.00	32.91 -1.51 0.00	35.66 -1.88 0.00	41.26 -2.54 0.00	51.51 -2.77 0.00	62.40 -0.89 0.00	59.02 -0.90 0.00	47.62 -0.87 0.00	42.47 -0.47 0.00	40.89 0.28 0.00
DUNKIRK___3 23565	37.38 -1.84 0.00	35.85 -1.49 0.00	34.87 -1.15 0.00	34.84 -1.00 0.00	35.21 -1.20 0.00	38.97 -1.58 0.00	51.04 -2.52 0.00	57.84 -3.17 0.00	51.33 -2.93 0.00	39.05 -2.14 0.00	37.23 -1.71 0.00	35.81 -1.49 0.00	33.30 -1.68 0.00	33.25 -1.71 0.00	32.00 -1.72 0.00	32.84 -1.58 0.00	35.59 -1.95 0.00	41.18 -2.63 0.00	51.35 -2.93 0.00	62.02 -1.27 0.00	58.66 -1.26 0.00	47.28 -1.21 0.00	42.17 -0.77 0.00	40.65 0.04 0.00
DUNKIRK___4 23566	37.38 -1.84 0.00	35.85 -1.49 0.00	34.87 -1.15 0.00	34.84 -1.00 0.00	35.21 -1.20 0.00	38.97 -1.58 0.00	51.04 -2.52 0.00	57.84 -3.17 0.00	51.33 -2.93 0.00	39.05 -2.14 0.00	37.23 -1.71 0.00	35.81 -1.49 0.00	33.30 -1.68 0.00	33.25 -1.71 0.00	32.00 -1.72 0.00	32.84 -1.58 0.00	35.59 -1.95 0.00	41.18 -2.63 0.00	51.35 -2.93 0.00	62.02 -1.27 0.00	58.66 -1.26 0.00	47.28 -1.21 0.00	42.17 -0.77 0.00	40.65 0.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	41.06 1.84 0.00	38.99 1.64 0.00	37.42 1.40 0.00	37.17 1.33 0.00	37.83 1.42 0.00	42.34 1.78 0.00	56.29 2.73 0.00	64.55 3.54 0.00	57.47 3.20 0.00	43.87 2.68 0.00	41.32 2.38 0.00	39.54 2.24 0.00	37.07 2.10 0.00	36.99 2.03 0.00	35.74 2.02 0.00	36.49 2.07 0.00	39.98 2.44 0.00	46.83 3.02 0.00	57.64 3.37 0.00	66.77 3.48 0.00	63.22 3.30 0.00	51.06 2.57 0.00	45.18 2.23 0.00	42.23 1.62 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.75 1.53 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.96 1.11 0.00	37.58 1.17 0.00	42.01 1.46 0.00	55.81 2.25 0.00	64.00 2.99 0.00	56.87 2.60 0.00	43.29 2.10 0.00	40.77 1.83 0.00	38.98 1.68 0.00	36.58 1.61 0.00	36.50 1.54 0.00	35.27 1.55 0.00	36.04 1.62 0.00	39.49 1.95 0.00	46.26 2.45 0.00	57.15 2.88 0.00	66.39 3.10 0.00	62.74 2.82 0.00	50.63 2.13 0.00	44.88 1.93 0.00	42.03 1.42 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	41.27 2.04 -0.01	39.18 1.83 -0.01	37.65 1.62 -0.01	37.39 1.54 -0.01	38.02 1.60 -0.01	42.46 1.91 0.00	56.60 3.05 0.01	64.85 3.84 0.01	57.73 3.47 0.01	44.11 2.92 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.27 2.31 0.01	37.20 2.24 0.01	35.93 2.23 0.01	36.69 2.27 0.01	40.19 2.67 0.01	47.08 3.29 0.01	57.91 3.64 0.01	67.14 3.86 0.01	63.51 3.60 0.01	51.30 2.81 0.01	45.40 2.45 -0.01	42.40 1.79 -0.01
E179THST_13_KV_LOAD 356214	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.54 1.68 -0.01	38.13 1.71 -0.01	42.62 2.07 0.00	56.81 3.27 0.01	65.15 4.15 0.01	58.00 3.74 0.01	44.27 3.09 0.01	41.74 2.80 0.01	39.94 2.65 0.01	37.45 2.48 0.01	37.34 2.38 0.01	36.07 2.36 0.01	36.86 2.44 0.01	40.38 2.85 0.01	47.26 3.46 0.01	58.18 3.91 0.01	67.46 4.18 0.01	63.81 3.89 0.01	51.54 3.05 0.01	45.61 2.66 -0.01	42.56 1.95 -0.01
EAST HAMPTON___GT 23717	41.30 2.08 0.00	39.59 2.24 0.00	37.53 1.51 0.00	37.21 1.36 0.00	38.13 1.71 0.00	43.56 3.00 -0.01	56.66 3.11 0.00	65.34 4.33 0.00	58.61 4.34 0.00	44.52 3.33 0.00	41.55 2.61 0.00	39.39 2.09 0.00	36.72 1.75 0.00	36.85 1.89 0.00	35.50 1.79 0.00	36.42 2.00 0.00	39.79 2.25 0.00	47.01 3.20 -0.01	58.13 3.85 0.00	65.00 1.71 0.00	62.86 2.94 0.00	51.01 2.52 0.00	45.91 2.96 -0.01	43.21 2.60 0.00
EAST RIVER___6 23660	41.26 2.04 0.00	39.21 1.87 0.00	37.57 1.55 0.00	37.28 1.44 0.00	37.98 1.56 0.00	42.50 1.95 0.00	56.66 3.11 0.00	64.80 3.78 0.00	57.84 3.58 0.00	44.19 3.01 0.00	41.63 2.68 0.00	39.84 2.54 0.00	37.35 2.38 0.00	37.27 2.31 0.00	36.01 2.29 0.00	36.77 2.34 0.00	40.24 2.70 0.00	47.18 3.37 0.00	57.97 3.69 0.00	67.15 3.86 0.00	63.51 3.59 0.00	51.35 2.86 0.00	45.43 2.49 0.00	42.55 1.95 0.00
EAST RIVER___7 23524	41.26 2.04 0.00	39.21 1.87 0.00	37.57 1.55 0.00	37.28 1.44 0.00	37.98 1.56 0.00	42.50 1.95 0.00	56.66 3.11 0.00	64.80 3.78 0.00	57.84 3.58 0.00	44.19 3.01 0.00	41.63 2.68 0.00	39.84 2.54 0.00	37.35 2.38 0.00	37.27 2.31 0.00	36.01 2.29 0.00	36.77 2.34 0.00	40.24 2.70 0.00	47.18 3.37 0.00	57.97 3.69 0.00	67.15 3.86 0.00	63.51 3.59 0.00	51.35 2.86 0.00	45.43 2.49 0.00	42.55 1.95 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	41.02 1.80 0.00	38.95 1.61 0.00	37.39 1.37 0.00	37.14 1.29 0.00	37.80 1.38 0.00	42.30 1.74 0.00	56.18 2.62 0.00	64.43 3.42 0.00	57.36 3.09 0.00	43.74 2.55 0.00	41.24 2.30 0.00	39.43 2.13 0.00	36.97 1.99 0.00	36.89 1.92 0.00	35.64 1.92 0.00	36.42 2.00 0.00	39.86 2.33 0.00	46.70 2.89 0.00	57.53 3.26 0.00	66.64 3.35 0.00	63.10 3.18 0.00	50.92 2.42 0.00	45.09 2.15 0.00	42.19 1.58 0.00
EAST_HAMPTON___DIESEL 23722	41.22 2.00 0.00	39.51 2.17 0.00	37.46 1.44 0.00	37.17 1.33 0.00	38.05 1.64 0.00	43.48 2.92 -0.01	56.55 3.00 0.00	65.22 4.21 0.00	58.55 4.29 0.00	44.49 3.30 0.00	41.47 2.53 0.00	39.32 2.01 0.00	36.65 1.68 0.00	36.75 1.78 0.00	35.43 1.72 0.00	36.32 1.89 0.00	39.68 2.14 0.00	46.88 3.07 -0.01	57.97 3.69 0.00	64.80 1.52 0.00	62.74 2.82 0.00	50.92 2.42 0.00	45.83 2.88 -0.01	43.16 2.56 0.00
EAST_POINT___SOLAR 323840	42.32 3.10 0.00	40.15 2.80 0.00	38.65 2.63 0.00	38.50 2.65 0.00	39.26 2.84 0.00	43.96 3.41 0.00	58.06 4.50 0.00	65.53 4.51 0.00	57.30 3.04 0.00	42.63 1.44 0.00	40.15 1.21 0.00	37.90 0.59 0.00	35.67 0.70 0.00	35.60 0.63 0.00	34.22 0.51 0.00	35.32 0.89 0.00	39.04 1.50 0.00	46.65 2.85 0.00	58.95 4.67 0.00	69.23 5.95 0.00	65.37 5.45 0.00	53.05 4.56 0.00	46.68 3.73 0.00	44.02 3.41 0.00
EAST_PULASKI___ESR 323781	38.63 -0.59 0.00	36.79 -0.56 0.00	35.55 -0.47 0.00	35.34 -0.50 0.00	35.94 -0.47 0.00	39.98 -0.57 0.00	52.97 -0.59 0.00	60.34 -0.67 0.00	53.50 -0.76 0.00	40.53 -0.66 0.00	38.32 -0.62 0.00	36.70 -0.60 0.00	34.31 -0.67 0.00	34.30 -0.67 0.00	33.07 -0.64 0.00	33.67 -0.76 0.00	36.68 -0.86 0.00	42.75 -1.05 0.00	53.13 -1.14 0.00	62.53 -0.76 0.00	59.08 -0.84 0.00	47.67 -0.82 0.00	42.17 -0.77 0.00	40.04 -0.57 0.00
EAST_RIVER___1 323558	41.22 2.00 0.00	39.17 1.83 0.00	37.57 1.55 0.00	37.24 1.40 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.61 3.05 0.00	64.80 3.78 0.00	57.79 3.53 0.00	44.11 2.92 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.32 2.34 0.00	37.24 2.27 0.00	35.94 2.22 0.00	36.73 2.31 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.45 3.53 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.51 1.91 0.00
EAST_RIVER___2 323559	41.26 2.04 0.00	39.21 1.87 0.00	37.57 1.55 0.00	37.28 1.44 0.00	37.98 1.56 0.00	42.50 1.95 0.00	56.66 3.11 0.00	64.80 3.78 0.00	57.84 3.58 0.00	44.19 3.01 0.00	41.63 2.68 0.00	39.84 2.54 0.00	37.35 2.38 0.00	37.27 2.31 0.00	36.01 2.29 0.00	36.77 2.34 0.00	40.24 2.70 0.00	47.18 3.37 0.00	57.97 3.69 0.00	67.15 3.86 0.00	63.51 3.59 0.00	51.35 2.86 0.00	45.43 2.49 0.00	42.55 1.95 0.00
EAST___DELAWARE_HYD 23607	40.59 1.37 0.00	38.58 1.23 0.00	37.07 1.05 0.00	36.81 0.97 0.00	37.43 1.02 0.00	41.89 1.34 0.00	55.70 2.14 0.00	63.69 2.68 0.00	56.54 2.28 0.00	43.00 1.81 0.00	40.46 1.52 0.00	38.64 1.34 0.00	36.23 1.26 0.00	36.22 1.26 0.00	34.96 1.25 0.00	35.76 1.34 0.00	39.15 1.61 0.00	45.99 2.19 0.00	56.94 2.66 0.00	66.26 2.98 0.00	62.62 2.70 0.00	50.48 1.99 0.00	44.75 1.80 0.00	41.99 1.38 0.00
EIGHT_POINT___WT_PWR 323820	37.50 -1.72 0.00	35.96 -1.38 0.00	34.80 -1.22 0.00	34.70 -1.15 0.00	35.07 -1.35 0.00	38.97 -1.58 0.00	51.52 -2.04 0.00	58.33 -2.68 0.00	51.93 -2.33 0.00	39.09 -2.10 0.00	37.07 -1.87 0.00	35.59 -1.72 0.00	33.09 -1.89 0.00	33.04 -1.92 0.00	31.83 -1.89 0.00	32.74 -1.69 0.00	35.81 -1.73 0.00	41.75 -2.06 0.00	52.10 -2.17 0.00	62.65 -0.63 0.00	59.32 -0.60 0.00	47.86 -0.63 0.00	42.43 -0.51 0.00	40.81 0.20 0.00
ELBRIDGE_115KV_TB2 80188	38.87 -0.35 0.00	37.05 -0.30 0.00	35.80 -0.22 0.00	35.63 -0.22 0.00	36.16 -0.25 0.00	40.19 -0.36 0.00	53.13 -0.43 0.00	60.52 -0.49 0.00	53.83 -0.43 0.00	40.86 -0.33 0.00	38.71 -0.23 0.00	37.15 -0.15 0.00	34.76 -0.21 0.00	34.76 -0.21 0.00	33.45 -0.27 0.00	34.22 -0.21 0.00	37.20 -0.34 0.00	43.32 -0.48 0.00	53.73 -0.54 0.00	62.97 -0.32 0.00	59.50 -0.42 0.00	48.06 -0.44 0.00	42.51 -0.43 0.00	40.28 -0.32 0.00
ELEC_TRO_TEK 24086	41.42 2.20 0.00	39.29 1.94 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.05 1.64 0.00	42.86 2.31 0.00	56.50 2.95 0.00	64.98 3.97 0.00	57.84 3.58 0.00	44.24 3.05 0.00	41.67 2.73 0.00	39.80 2.50 0.00	37.21 2.24 0.00	37.13 2.17 0.00	35.87 2.16 0.00	36.76 2.34 0.00	40.39 2.85 0.00	47.35 3.55 0.00	58.24 3.96 0.00	66.89 3.61 0.00	63.64 3.72 0.00	51.35 2.86 0.00	45.69 2.75 0.00	42.55 1.95 0.00

ELLENBURG_WT_PWR 323604	37.96 -1.26 0.00	36.37 -0.97 0.00	35.19 -0.83 0.00	35.13 -0.72 0.00	35.69 -0.73 0.00	39.82 -0.73 0.00	52.43 -1.13 0.00	59.55 -1.46 0.00	52.58 -1.68 0.00	39.58 -1.61 0.00	37.31 -1.63 0.00	35.62 -1.68 0.00	33.44 -1.54 0.00	33.46 -1.50 0.00	32.37 -1.35 0.00	33.01 -1.41 0.00	36.11 -1.43 0.00	42.49 -1.31 0.00	53.13 -1.14 0.00	61.77 -1.52 0.00	58.90 -1.02 0.00	48.30 -0.19 0.00	42.82 -0.13 0.00	40.61 0.00 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.14 -2.08 0.00	35.63 -1.72 0.00	34.65 -1.37 0.00	34.59 -1.25 0.00	34.88 -1.53 0.00	38.56 -1.99 0.00	50.13 -3.43 0.00	56.80 -4.21 0.00	50.47 -3.80 0.00	38.51 -2.68 0.00	36.80 -2.14 0.00	35.47 -1.83 0.00	32.95 -2.03 0.00	32.94 -2.03 0.00	31.69 -2.02 0.00	32.53 -1.89 0.00	35.29 -2.25 0.00	40.69 -3.11 0.00	50.53 -3.75 0.00	60.88 -2.40 0.00	57.46 -2.46 0.00	46.21 -2.28 0.00	41.27 -1.67 0.00	39.79 -0.81 0.00
EMPIRE_CC_1 323656	40.40 1.18 0.00	38.39 1.04 0.00	36.92 0.90 0.00	36.67 0.83 0.00	37.29 0.87 0.00	41.65 1.10 0.00	54.68 1.13 0.00	62.47 1.46 0.00	55.67 1.41 0.00	42.30 1.11 0.00	39.80 0.86 0.00	38.16 0.86 0.00	35.92 0.94 0.00	35.94 0.98 0.00	34.63 0.91 0.00	35.39 0.96 0.00	38.70 1.16 0.00	45.12 1.31 0.00	55.79 1.52 0.00	64.36 1.07 0.00	60.94 1.02 0.00	49.41 0.92 0.00	43.72 0.77 0.00	41.42 0.81 0.00
EMPIRE_CC_2 323658	40.40 1.18 0.00	38.39 1.04 0.00	36.92 0.90 0.00	36.67 0.83 0.00	37.29 0.87 0.00	41.65 1.10 0.00	54.68 1.13 0.00	62.47 1.46 0.00	55.67 1.41 0.00	42.30 1.11 0.00	39.80 0.86 0.00	38.16 0.86 0.00	35.92 0.94 0.00	35.94 0.98 0.00	34.63 0.91 0.00	35.39 0.96 0.00	38.70 1.16 0.00	45.12 1.31 0.00	55.79 1.52 0.00	64.36 1.07 0.00	60.94 1.02 0.00	49.41 0.92 0.00	43.72 0.77 0.00	41.42 0.81 0.00
ENORWICH_115KV_TB1 80156	41.42 2.20 0.00	39.51 2.17 0.00	38.22 2.20 0.00	37.92 2.08 0.00	38.60 2.18 0.00	43.07 2.51 0.00	57.25 3.70 0.00	65.16 4.15 0.00	57.47 3.20 0.00	43.17 1.98 0.00	40.58 1.64 0.00	38.79 1.49 0.00	35.95 0.98 0.00	36.08 1.12 0.00	34.69 0.98 0.00	35.73 1.31 0.00	39.08 1.54 0.00	46.13 2.32 0.00	57.91 3.64 0.00	68.98 5.70 0.00	64.95 5.03 0.00	52.37 3.88 0.00	46.21 3.26 0.00	43.53 2.92 0.00
ERIE_ST__34_KV_TB1-2 80199	37.53 -1.69 0.00	36.00 -1.34 0.00	34.98 -1.04 0.00	34.91 -0.93 0.00	35.25 -1.17 0.00	39.01 -1.54 0.00	50.93 -2.62 0.00	57.66 -3.36 0.00	51.22 -3.04 0.00	39.05 -2.14 0.00	37.27 -1.67 0.00	35.96 -1.34 0.00	33.37 -1.61 0.00	33.36 -1.61 0.00	32.10 -1.62 0.00	32.94 -1.48 0.00	35.74 -1.80 0.00	41.26 -2.54 0.00	51.35 -2.93 0.00	61.83 -1.46 0.00	58.30 -1.62 0.00	46.89 -1.60 0.00	41.83 -1.12 0.00	40.36 -0.24 0.00
ERIE_WT_PWR 323693	37.30 -1.92 0.00	35.74 -1.60 0.00	34.80 -1.22 0.00	34.66 -1.18 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.34 -3.21 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.72 -2.47 0.00	36.99 -1.95 0.00	35.66 -1.64 0.00	33.12 -1.85 0.00	33.04 -1.92 0.00	31.86 -1.85 0.00	32.70 -1.72 0.00	35.58 -1.95 0.00	40.87 -2.93 0.00	50.64 -3.64 0.00	61.01 -2.28 0.00	57.70 -2.22 0.00	46.46 -2.03 0.00	41.48 -1.46 0.00	40.12 -0.49 0.00
ESPRGFLD_115KV_TB1 80157	41.22 2.00 0.00	39.17 1.83 0.00	37.82 1.80 0.00	37.60 1.76 0.00	38.27 1.86 0.00	42.74 2.19 0.00	56.61 3.05 0.00	64.55 3.54 0.00	57.09 2.82 0.00	43.04 1.85 0.00	40.58 1.64 0.00	38.68 1.38 0.00	36.16 1.19 0.00	36.15 1.19 0.00	34.83 1.11 0.00	35.66 1.24 0.00	39.08 1.54 0.00	46.04 2.23 0.00	57.53 3.26 0.00	67.53 4.24 0.00	63.75 3.83 0.00	51.74 3.25 0.00	45.61 2.66 0.00	42.96 2.36 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.77 0.55 0.00	37.91 0.56 0.00	36.63 0.61 0.00	36.45 0.61 0.00	37.00 0.58 0.00	41.20 0.65 0.00	54.63 1.07 0.00	62.11 1.10 0.00	55.19 0.92 0.00	41.73 0.54 0.00	39.41 0.47 0.00	37.79 0.48 0.00	35.29 0.31 0.00	35.28 0.31 0.00	33.98 0.27 0.00	34.80 0.38 0.00	37.88 0.34 0.00	44.33 0.53 0.00	55.20 0.92 0.00	64.99 1.71 0.00	61.36 1.44 0.00	49.46 0.97 0.00	43.72 0.77 0.00	41.38 0.77 0.00
ETNA____115KV_TB2 80207	39.77 0.55 0.00	37.91 0.56 0.00	36.63 0.61 0.00	36.45 0.61 0.00	37.00 0.58 0.00	41.20 0.65 0.00	54.63 1.07 0.00	62.11 1.10 0.00	55.19 0.92 0.00	41.73 0.54 0.00	39.41 0.47 0.00	37.79 0.48 0.00	35.29 0.31 0.00	35.28 0.31 0.00	33.98 0.27 0.00	34.80 0.38 0.00	37.88 0.34 0.00	44.33 0.53 0.00	55.20 0.92 0.00	64.99 1.71 0.00	61.36 1.44 0.00	49.46 0.97 0.00	43.72 0.77 0.00	41.38 0.77 0.00
EUCLID__115KV_TB2 356179	38.71 -0.51 0.00	36.90 -0.45 0.00	35.62 -0.40 0.00	35.49 -0.36 0.00	36.01 -0.40 0.00	39.98 -0.57 0.00	52.86 -0.70 0.00	60.22 -0.79 0.00	53.61 -0.65 0.00	40.70 -0.49 0.00	38.59 -0.35 0.00	37.00 -0.30 0.00	34.62 -0.35 0.00	34.62 -0.35 0.00	33.34 -0.37 0.00	34.08 -0.34 0.00	37.05 -0.49 0.00	43.10 -0.70 0.00	53.46 -0.81 0.00	62.65 -0.63 0.00	59.20 -0.72 0.00	47.76 -0.73 0.00	42.30 -0.64 0.00	40.12 -0.49 0.00
E_CANADA_CAP_HY 24051	41.85 2.63 0.00	39.74 2.39 0.00	38.29 2.27 0.00	38.10 2.26 0.00	38.85 2.44 0.00	43.47 2.92 0.00	57.36 3.80 0.00	65.34 4.33 0.00	57.52 3.26 0.00	43.09 1.90 0.00	40.61 1.67 0.00	38.61 1.30 0.00	36.16 1.19 0.00	36.08 1.12 0.00	34.76 1.05 0.00	35.73 1.31 0.00	39.27 1.73 0.00	46.43 2.63 0.00	58.35 4.07 0.00	68.41 5.12 0.00	64.65 4.73 0.00	52.66 4.17 0.00	46.34 3.39 0.00	43.69 3.08 0.00
E_CANADA_MHWK_HY 24050	38.59 -0.63 0.00	36.71 -0.64 0.00	35.41 -0.61 0.00	35.27 -0.57 0.00	35.90 -0.51 0.00	40.07 -0.48 0.00	52.97 -0.59 0.00	60.34 -0.67 0.00	53.56 -0.71 0.00	40.57 -0.62 0.00	38.24 -0.70 0.00	36.63 -0.67 0.00	34.28 -0.70 0.00	34.30 -0.67 0.00	33.04 -0.67 0.00	33.74 -0.69 0.00	36.79 -0.75 0.00	43.06 -0.74 0.00	53.63 -0.65 0.00	62.72 -0.57 0.00	59.38 -0.54 0.00	48.15 -0.34 0.00	42.65 -0.30 0.00	40.28 -0.33 0.00
E_FISHKILL__LBMP 23776	40.79 1.57 0.00	38.76 1.42 0.00	37.21 1.19 0.00	36.99 1.15 0.00	37.62 1.20 0.00	42.05 1.50 0.00	55.81 2.25 0.00	63.88 2.87 0.00	56.87 2.60 0.00	43.37 2.18 0.00	40.85 1.91 0.00	39.09 1.79 0.00	36.69 1.71 0.00	36.61 1.64 0.00	35.33 1.62 0.00	36.11 1.69 0.00	39.53 1.99 0.00	46.30 2.50 0.00	57.05 2.77 0.00	66.07 2.78 0.00	62.56 2.64 0.00	50.53 2.04 0.00	44.75 1.80 0.00	41.95 1.34 0.00
FALCON____SEABRD_CC1 323796	37.77 -1.45 0.00	36.26 -1.08 0.00	35.08 -0.94 0.00	35.09 -0.75 0.00	35.65 -0.77 0.00	39.86 -0.69 0.00	52.43 -1.13 0.00	59.49 -1.52 0.00	52.42 -1.85 0.00	39.30 -1.89 0.00	36.99 -1.95 0.00	35.29 -2.01 0.00	33.12 -1.85 0.00	33.15 -1.82 0.00	32.06 -1.65 0.00	32.70 -1.72 0.00	35.89 -1.65 0.00	42.36 -1.44 0.00	53.13 -1.14 0.00	61.32 -1.96 0.00	58.60 -1.32 0.00	48.59 0.10 0.00	43.07 0.13 0.00	40.81 0.20 0.00

FALCON___SEABRD_CC2 323797	37.77 -1.45 0.00	36.26 -1.08 0.00	35.08 -0.94 0.00	35.09 -0.75 0.00	35.65 -0.77 0.00	39.86 -0.69 0.00	52.43 -1.13 0.00	59.49 -1.52 0.00	52.42 -1.85 0.00	39.30 -1.89 0.00	36.99 -1.95 0.00	35.29 -2.01 0.00	33.12 -1.85 0.00	33.15 -1.82 0.00	32.06 -1.65 0.00	32.70 -1.72 0.00	35.89 -1.65 0.00	42.36 -1.44 0.00	53.13 -1.14 0.00	61.32 -1.96 0.00	58.60 -1.32 0.00	48.59 0.10 0.00	43.07 0.13 0.00	40.81 0.20 0.00
FAR ROCKAWAY___4 23548	41.93 2.71 0.00	39.74 2.39 0.00	38.07 2.05 0.00	37.82 1.97 0.00	38.45 2.04 0.00	43.31 2.76 0.00	57.20 3.64 0.00	65.71 4.70 0.00	58.44 4.18 0.00	44.69 3.50 0.00	42.10 3.15 0.00	40.17 2.87 0.00	37.53 2.55 0.00	37.48 2.52 0.00	36.21 2.49 0.00	37.07 2.65 0.00	40.77 3.23 0.00	47.83 4.03 0.00	58.89 4.61 0.00	67.72 4.43 0.00	64.41 4.49 0.00	52.03 3.54 0.00	46.25 3.31 0.00	43.04 2.44 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.61 3.05 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.11 2.92 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.32 2.34 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.73 2.31 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.39 1.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	41.22 2.00 0.00	39.14 1.79 0.00	37.57 1.55 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.61 3.05 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.11 2.92 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.32 2.34 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.73 2.31 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.39 1.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	41.22 2.00 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.94 1.53 0.00	42.42 1.87 0.00	56.56 3.00 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.11 2.92 0.00	41.55 2.61 0.00	39.76 2.46 0.00	37.28 2.31 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.70 2.27 0.00	40.20 2.67 0.00	47.05 3.24 0.00	57.91 3.64 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.26 2.76 0.00	45.35 2.40 0.00	42.39 1.79 0.00
FARRAGUT___LBMP 323566	41.18 1.96 0.00	39.10 1.76 0.00	37.50 1.48 0.00	37.28 1.43 0.00	37.91 1.49 0.00	42.42 1.87 0.00	56.50 2.95 0.00	64.79 3.78 0.00	57.68 3.42 0.00	44.07 2.88 0.00	41.51 2.57 0.00	39.73 2.42 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.91 2.19 0.00	36.66 2.24 0.00	40.17 2.63 0.00	47.00 3.20 0.00	57.86 3.58 0.00	67.08 3.80 0.00	63.40 3.48 0.00	51.21 2.72 0.00	45.35 2.40 0.00	42.35 1.75 0.00
FENNER___WINDPWR 24204	39.81 0.59 0.00	37.91 0.56 0.00	36.63 0.61 0.00	36.42 0.57 0.00	37.03 0.62 0.00	41.24 0.69 0.00	54.68 1.13 0.00	62.23 1.22 0.00	55.29 1.03 0.00	41.85 0.66 0.00	39.56 0.62 0.00	37.86 0.56 0.00	35.36 0.39 0.00	35.39 0.42 0.00	34.09 0.37 0.00	34.84 0.41 0.00	37.99 0.45 0.00	44.42 0.61 0.00	55.20 0.92 0.00	64.87 1.58 0.00	61.24 1.32 0.00	49.46 0.97 0.00	43.76 0.81 0.00	41.37 0.77 0.00
FIBERTEK___ENERGY 23856	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.43 -0.12 0.00	53.45 -0.11 0.00	60.89 -0.12 0.00	54.21 -0.05 0.00	41.11 -0.08 0.00	38.98 0.04 0.00	37.38 0.07 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.42 0.00 0.00	37.42 -0.11 0.00	43.59 -0.22 0.00	54.06 -0.22 0.00	63.35 0.06 0.00	59.86 -0.06 0.00	48.30 -0.19 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00
FITZPATRICK____ 23598	38.16 -1.06 0.00	36.34 -1.01 0.00	35.08 -0.94 0.00	34.91 -0.93 0.00	35.47 -0.95 0.00	39.37 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	39.99 -1.20 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.06 -0.91 0.00	34.06 -0.91 0.00	32.81 -0.91 0.00	33.53 -0.90 0.00	36.45 -1.09 0.00	42.36 -1.44 0.00	52.49 -1.79 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.94 -1.55 0.00	41.53 -1.42 0.00	39.35 -1.26 0.00
FLOWRFLD_69_KV_BK1 356044	41.85 2.63 0.00	39.66 2.32 0.00	37.93 1.91 0.00	37.67 1.83 0.00	38.34 1.93 0.00	43.63 3.08 0.00	56.98 3.43 0.00	65.77 4.76 0.00	58.71 4.45 0.00	44.86 3.67 0.00	42.17 3.23 0.00	40.17 2.87 0.00	37.49 2.52 0.00	37.45 2.48 0.00	36.24 2.53 0.00	37.21 2.79 0.00	40.99 3.45 0.00	48.18 4.38 0.00	59.38 5.10 0.00	67.21 3.92 0.00	64.47 4.55 0.00	51.89 3.39 0.00	46.29 3.35 0.00	42.96 2.36 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.18 1.96 0.00	39.06 1.72 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.91 1.49 0.00	42.42 1.87 0.00	56.39 2.84 0.00	64.61 3.60 0.00	57.36 3.09 0.00	43.66 2.47 0.00	41.08 2.14 0.00	39.32 2.01 0.00	36.86 1.89 0.00	36.78 1.82 0.00	35.54 1.82 0.00	36.35 1.93 0.00	39.83 2.29 0.00	46.74 2.93 0.00	57.75 3.47 0.00	67.08 3.80 0.00	63.40 3.48 0.00	51.11 2.62 0.00	45.26 2.32 0.00	42.39 1.79 0.00
FORT ORANGE____ 23900	40.32 1.10 0.00	38.28 0.93 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.60 1.05 0.00	54.90 1.34 0.00	62.72 1.71 0.00	55.73 1.47 0.00	42.22 1.03 0.00	39.80 0.86 0.00	38.16 0.86 0.00	35.85 0.87 0.00	35.84 0.87 0.00	34.59 0.88 0.00	35.35 0.93 0.00	38.66 1.13 0.00	45.12 1.31 0.00	55.96 1.68 0.00	64.87 1.58 0.00	61.42 1.50 0.00	49.70 1.21 0.00	43.93 0.99 0.00	41.50 0.89 0.00
FORT_DRUM_COGEN 23780	39.18 -0.04 0.00	37.31 -0.04 0.00	36.09 0.07 0.00	35.81 -0.04 0.00	36.49 0.07 0.00	40.75 0.20 0.00	54.25 0.70 0.00	61.80 0.79 0.00	54.48 0.22 0.00	40.98 -0.21 0.00	38.59 -0.35 0.00	36.82 -0.48 0.00	34.24 -0.73 0.00	34.34 -0.63 0.00	33.14 -0.57 0.00	33.22 -1.20 0.00	36.22 -1.31 0.00	42.67 -1.14 0.00	53.46 -0.81 0.00	63.48 0.19 0.00	59.98 0.06 0.00	48.49 0.00 0.00	42.94 0.00 0.00	41.30 0.69 0.00
FOX_HILLS___ESR 323835	54.88 2.43 -13.23	54.11 2.20 -14.56	53.48 1.95 -15.51	53.55 1.86 -15.84	54.14 1.93 -15.80	53.49 2.31 -10.63	57.64 3.32 -0.76	65.17 4.15 -0.01	60.65 3.74 -2.65	71.07 3.09 -26.79	72.02 2.76 -30.31	73.49 2.61 -33.58	75.10 2.45 -37.67	75.18 2.38 -37.83	67.11 2.36 -31.04	76.42 2.44 -39.55	57.74 2.82 -17.39	58.99 3.46 -11.73	97.54 3.91 -39.36	97.80 4.30 -30.21	97.81 4.01 -33.87	97.70 3.15 -46.05	97.70 2.75 -52.00	56.17 2.07 -13.49
FPL FAR_ROCK_GT1 24212	41.92 2.70 0.00	39.89 2.54 0.00	38.07 2.05 0.00	37.71 1.86 0.00	38.45 2.04 0.00	43.32 2.76 -0.01	57.20 3.64 0.00	65.65 4.63 0.00	58.44 4.18 0.00	44.65 3.46 0.00	42.09 3.15 0.00	40.17 2.87 0.00	37.53 2.55 0.00	37.55 2.59 0.00	36.21 2.49 0.00	37.07 2.65 0.00	40.73 3.19 0.00	47.84 4.03 -0.01	58.89 4.61 0.00	67.71 4.43 0.00	64.35 4.43 0.00	52.03 3.54 0.00	46.26 3.31 -0.01	43.21 2.60 0.00

FPL FAR_ROCK_GT2 23815	41.92 2.70 0.00	39.89 2.54 0.00	38.07 2.05 0.00	37.71 1.86 0.00	38.45 2.04 0.00	43.32 2.76 -0.01	57.20 3.64 0.00	65.65 4.63 0.00	58.44 4.18 0.00	44.65 3.46 0.00	42.09 3.15 0.00	40.17 2.87 0.00	37.53 2.55 0.00	37.55 2.59 0.00	36.21 2.49 0.00	37.07 2.65 0.00	40.73 3.19 0.00	47.84 4.03 -0.01	58.89 4.61 0.00	67.71 4.43 0.00	64.35 4.43 0.00	52.03 3.54 0.00	46.26 3.31 -0.01	43.21 2.60 0.00
FRANKLIN_FALL_HYD 24054	38.28 -0.94 0.00	36.60 -0.75 0.00	35.41 -0.61 0.00	35.34 -0.50 0.00	35.94 -0.47 0.00	40.19 -0.36 0.00	52.91 -0.64 0.00	59.67 -1.34 0.00	53.02 -1.25 0.00	39.91 -1.28 0.00	37.66 -1.29 0.00	35.96 -1.34 0.00	33.75 -1.22 0.00	33.78 -1.19 0.00	32.67 -1.05 0.00	33.25 -1.17 0.00	36.37 -1.16 0.00	42.84 -0.96 0.00	53.57 -0.71 0.00	62.59 -0.70 0.00	59.62 -0.30 0.00	48.73 0.24 0.00	43.16 0.21 0.00	40.89 0.28 0.00
FREEPORT_EQUS_GT1 23764	41.69 2.47 0.00	39.66 2.32 0.00	37.86 1.84 0.00	37.49 1.65 0.00	38.23 1.82 0.00	43.12 2.56 -0.01	56.77 3.21 0.00	65.22 4.21 0.00	58.12 3.85 0.00	44.40 3.21 0.00	41.86 2.92 0.00	39.95 2.65 0.00	37.35 2.38 0.00	37.38 2.41 0.00	36.04 2.32 0.00	36.94 2.51 0.00	40.58 3.04 0.00	47.67 3.86 -0.01	58.67 4.39 0.00	67.28 3.99 0.00	64.05 4.13 0.00	51.69 3.20 0.00	46.00 3.05 -0.01	42.96 2.35 0.00
FREEPORT___CT2 23818	41.69 2.47 0.00	39.66 2.32 0.00	37.86 1.84 0.00	37.49 1.65 0.00	38.23 1.82 0.00	43.12 2.56 -0.01	56.77 3.21 0.00	65.22 4.21 0.00	58.12 3.85 0.00	44.40 3.21 0.00	41.86 2.92 0.00	39.95 2.65 0.00	37.35 2.38 0.00	37.38 2.41 0.00	36.04 2.32 0.00	36.94 2.51 0.00	40.58 3.04 0.00	47.67 3.86 -0.01	58.67 4.39 0.00	67.28 3.99 0.00	64.05 4.13 0.00	51.69 3.20 0.00	46.00 3.05 -0.01	42.96 2.35 0.00
FRESHKLS_33_KV_LOAD 356253	54.88 2.43 -13.23	54.11 2.20 -14.56	53.44 1.91 -15.51	53.55 1.86 -15.84	54.10 1.89 -15.80	53.49 2.31 -10.63	57.42 3.11 -0.76	64.97 3.97 0.01	60.14 3.53 -2.35	58.60 2.92 -14.49	57.84 2.61 -16.29	57.59 2.46 -17.83	57.55 2.31 -20.27	57.51 2.20 -20.35	57.58 2.23 -21.64	58.33 2.31 -21.60	57.59 2.67 -17.39	58.82 3.29 -11.73	64.31 3.75 -6.28	97.61 4.11 -30.21	97.63 3.83 -33.87	60.37 3.01 -8.87	60.60 2.66 -14.99	56.05 1.95 -13.49
FULTON COGEN____ 23766	38.51 -0.71 0.00	36.71 -0.63 0.00	35.44 -0.58 0.00	35.27 -0.57 0.00	35.79 -0.62 0.00	39.78 -0.77 0.00	52.59 -0.96 0.00	59.91 -1.10 0.00	53.29 -0.98 0.00	40.45 -0.74 0.00	38.32 -0.62 0.00	36.78 -0.52 0.00	34.45 -0.52 0.00	34.44 -0.52 0.00	33.14 -0.57 0.00	33.87 -0.55 0.00	36.82 -0.71 0.00	42.84 -0.96 0.00	53.19 -1.09 0.00	62.27 -1.01 0.00	58.84 -1.08 0.00	47.52 -0.97 0.00	42.04 -0.90 0.00	39.83 -0.77 0.00
FULTON___LFGE 323630	41.92 2.70 0.00	39.81 2.46 0.00	38.33 2.31 0.00	38.14 2.30 0.00	38.89 2.48 0.00	43.55 3.00 0.00	57.57 4.02 0.00	65.59 4.58 0.00	57.79 3.53 0.00	43.33 2.14 0.00	40.85 1.91 0.00	38.83 1.53 0.00	36.34 1.36 0.00	36.26 1.29 0.00	34.96 1.25 0.00	35.90 1.48 0.00	39.41 1.88 0.00	46.57 2.76 0.00	58.46 4.18 0.00	68.48 5.19 0.00	64.72 4.80 0.00	52.47 3.98 0.00	46.21 3.26 0.00	43.57 2.96 0.00
G.F.CEMENT___DRP 24184	41.69 2.47 0.00	39.59 2.24 0.00	38.04 2.02 0.00	37.85 2.01 0.00	38.56 2.15 0.00	43.19 2.64 0.00	57.14 3.59 0.00	65.22 4.21 0.00	57.79 3.53 0.00	43.54 2.35 0.00	41.08 2.14 0.00	39.28 1.98 0.00	36.69 1.71 0.00	36.57 1.61 0.00	35.30 1.58 0.00	36.14 1.72 0.00	39.60 2.06 0.00	46.39 2.58 0.00	56.77 2.50 0.00	66.01 2.72 0.00	62.38 2.46 0.00	50.38 1.89 0.00	44.45 1.50 0.00	41.90 1.30 0.00
GARDENVILLE___LBMP 24039	37.22 -2.00 0.00	35.70 -1.64 0.00	34.72 -1.30 0.00	34.66 -1.18 0.00	34.99 -1.42 0.00	38.65 -1.91 0.00	50.34 -3.21 0.00	56.98 -4.03 0.00	50.68 -3.58 0.00	38.64 -2.55 0.00	36.88 -2.06 0.00	35.55 -1.75 0.00	33.05 -1.92 0.00	33.01 -1.96 0.00	31.76 -1.96 0.00	32.60 -1.82 0.00	35.36 -2.18 0.00	40.83 -2.98 0.00	50.69 -3.58 0.00	61.13 -2.15 0.00	57.70 -2.22 0.00	46.41 -2.09 0.00	41.44 -1.50 0.00	39.96 -0.65 0.00
GARDNVLA_35_KV_LD 355827	37.46 -1.76 0.00	35.93 -1.42 0.00	34.94 -1.08 0.00	34.84 -1.00 0.00	35.18 -1.24 0.00	38.89 -1.66 0.00	50.61 -2.95 0.00	57.35 -3.66 0.00	50.95 -3.31 0.00	38.88 -2.31 0.00	37.15 -1.79 0.00	35.81 -1.49 0.00	33.30 -1.68 0.00	33.25 -1.71 0.00	32.00 -1.72 0.00	32.84 -1.58 0.00	35.59 -1.95 0.00	41.04 -2.76 0.00	51.02 -3.26 0.00	61.51 -1.77 0.00	58.06 -1.86 0.00	46.70 -1.79 0.00	41.70 -1.25 0.00	40.24 -0.37 0.00
GELCKHM___115KV_LOAD 80723	38.87 -0.35 0.00	37.05 -0.30 0.00	35.77 -0.25 0.00	35.59 -0.25 0.00	36.12 -0.29 0.00	40.15 -0.41 0.00	53.07 -0.48 0.00	60.46 -0.55 0.00	53.83 -0.43 0.00	40.86 -0.33 0.00	38.71 -0.23 0.00	37.15 -0.15 0.00	34.76 -0.21 0.00	34.76 -0.21 0.00	33.48 -0.24 0.00	34.22 -0.21 0.00	37.20 -0.34 0.00	43.28 -0.53 0.00	53.68 -0.60 0.00	62.91 -0.38 0.00	59.44 -0.48 0.00	47.96 -0.53 0.00	42.43 -0.52 0.00	40.24 -0.37 0.00
GENERAL___MILLS 23808	37.34 -1.88 0.00	35.81 -1.53 0.00	34.83 -1.19 0.00	34.77 -1.08 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.45 -3.11 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.72 -2.47 0.00	36.99 -1.95 0.00	35.66 -1.64 0.00	33.16 -1.82 0.00	33.11 -1.85 0.00	31.86 -1.85 0.00	32.70 -1.72 0.00	35.47 -2.06 0.00	40.91 -2.89 0.00	50.86 -3.42 0.00	61.32 -1.96 0.00	57.88 -2.04 0.00	46.55 -1.94 0.00	41.57 -1.37 0.00	40.08 -0.53 0.00
GE_PLASTICS___DRP 24183	40.16 0.94 0.00	38.17 0.82 0.00	36.74 0.72 0.00	36.53 0.68 0.00	37.14 0.73 0.00	41.44 0.89 0.00	54.68 1.12 0.00	62.54 1.53 0.00	55.57 1.30 0.00	42.18 0.99 0.00	39.80 0.86 0.00	38.12 0.82 0.00	35.81 0.84 0.00	35.80 0.84 0.00	34.56 0.84 0.00	35.28 0.86 0.00	38.59 1.05 0.00	44.99 1.18 0.00	55.69 1.41 0.00	64.55 1.27 0.00	61.12 1.20 0.00	49.51 1.02 0.00	43.76 0.82 0.00	41.25 0.65 0.00
GILBOA___1 23756	40.16 0.94 0.00	38.17 0.82 0.00	36.85 0.83 0.00	36.78 0.93 0.00	37.25 0.84 0.00	41.40 0.85 0.00	54.79 1.23 0.00	62.35 1.34 0.00	55.62 1.36 0.00	42.30 1.11 0.00	39.91 0.97 0.00	38.20 0.89 0.00	35.95 0.98 0.00	35.94 0.98 0.00	34.66 0.94 0.00	35.28 0.86 0.00	38.59 1.05 0.00	45.08 1.27 0.00	55.74 1.47 0.00	64.49 1.20 0.00	61.18 1.26 0.00	49.56 1.07 0.00	43.89 0.94 0.00	41.42 0.81 0.00
GILBOA___2 23757	40.16 0.94 0.00	38.17 0.82 0.00	36.85 0.83 0.00	36.78 0.93 0.00	37.25 0.84 0.00	41.40 0.85 0.00	54.79 1.23 0.00	62.35 1.34 0.00	55.62 1.36 0.00	42.30 1.11 0.00	39.91 0.97 0.00	38.20 0.89 0.00	35.95 0.98 0.00	35.94 0.98 0.00	34.66 0.94 0.00	35.28 0.86 0.00	38.59 1.05 0.00	45.08 1.27 0.00	55.74 1.47 0.00	64.49 1.20 0.00	61.18 1.26 0.00	49.56 1.07 0.00	43.89 0.94 0.00	41.42 0.81 0.00

GILBOA___3 23758	40.16 0.94 0.00	38.17 0.82 0.00	36.85 0.83 0.00	36.78 0.93 0.00	37.25 0.84 0.00	41.40 0.85 0.00	54.79 1.23 0.00	62.35 1.34 0.00	55.62 1.36 0.00	42.30 1.11 0.00	39.91 0.97 0.00	38.20 0.89 0.00	35.95 0.98 0.00	35.94 0.98 0.00	34.66 0.94 0.00	35.28 0.86 0.00	38.59 1.05 0.00	45.08 1.27 0.00	55.74 1.47 0.00	64.49 1.20 0.00	61.18 1.26 0.00	49.56 1.07 0.00	43.89 0.94 0.00	41.42 0.81 0.00
GILBOA___4 23759	40.16 0.94 0.00	38.17 0.82 0.00	36.85 0.83 0.00	36.78 0.93 0.00	37.25 0.84 0.00	41.40 0.85 0.00	54.79 1.23 0.00	62.35 1.34 0.00	55.62 1.36 0.00	42.30 1.11 0.00	39.91 0.97 0.00	38.20 0.89 0.00	35.95 0.98 0.00	35.94 0.98 0.00	34.66 0.94 0.00	35.28 0.86 0.00	38.59 1.05 0.00	45.08 1.27 0.00	55.74 1.47 0.00	64.49 1.20 0.00	61.18 1.26 0.00	49.56 1.07 0.00	43.89 0.94 0.00	41.42 0.81 0.00
GILBOA___ 23599	40.16 0.94 0.00	38.17 0.82 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.40 0.85 0.00	54.79 1.23 0.00	62.41 1.40 0.00	55.62 1.36 0.00	42.30 1.11 0.00	39.91 0.97 0.00	38.20 0.90 0.00	35.95 0.98 0.00	35.94 0.98 0.00	34.66 0.94 0.00	35.28 0.86 0.00	38.59 1.05 0.00	45.07 1.27 0.00	55.74 1.47 0.00	64.49 1.20 0.00	61.18 1.26 0.00	49.56 1.07 0.00	43.85 0.90 0.00	41.34 0.73 0.00
GINNA___ 23603	36.55 -2.67 0.00	34.92 -2.43 0.00	33.82 -2.20 0.00	33.66 -2.19 0.00	34.16 -2.26 0.00	37.87 -2.68 0.00	49.81 -3.75 0.00	56.80 -4.21 0.00	50.63 -3.64 0.00	38.47 -2.72 0.00	36.61 -2.34 0.00	35.03 -2.28 0.00	32.70 -2.27 0.00	32.69 -2.27 0.00	31.42 -2.29 0.00	32.22 -2.20 0.00	35.06 -2.48 0.00	40.65 -3.15 0.00	50.21 -4.07 0.00	59.68 -3.60 0.00	56.44 -3.48 0.00	45.29 -3.20 0.00	40.15 -2.79 0.00	38.25 -2.36 0.00
GLEN PARK___ 23778	39.46 0.24 0.00	37.53 0.19 0.00	36.34 0.32 0.00	36.06 0.22 0.00	36.74 0.33 0.00	41.04 0.49 0.00	54.79 1.23 0.00	62.23 1.22 0.00	54.75 0.49 0.00	41.19 0.00 0.00	38.75 -0.19 0.00	36.97 -0.34 0.00	34.35 -0.63 0.00	34.44 -0.52 0.00	33.24 -0.47 0.00	33.36 -1.07 0.00	36.45 -1.09 0.00	42.93 -0.88 0.00	53.84 -0.44 0.00	64.05 0.76 0.00	60.52 0.60 0.00	48.93 0.44 0.00	43.29 0.34 0.00	41.50 0.89 0.00
GLENDALE_27_KV_LOAD 356172	41.58 2.35 -0.01	39.44 2.09 -0.01	37.86 1.84 -0.01	37.61 1.76 -0.01	38.28 1.86 -0.01	42.78 2.23 0.00	57.07 3.48 -0.04	65.41 4.39 -0.01	58.61 3.96 -0.39	57.29 3.25 -12.85	56.53 2.96 -14.63	56.52 2.80 -16.42	55.76 2.62 -18.17	55.73 2.52 -18.25	46.41 2.49 -10.20	55.76 2.58 -18.76	55.81 3.00 -15.27	58.05 3.64 -10.61	64.12 4.18 -5.67	68.20 4.49 -0.42	65.34 4.19 -1.23	58.12 3.25 -6.38	53.26 2.83 -7.49	43.22 2.11 -0.50
GLENWOOD_IC_1_G5 23712	41.65 2.43 0.00	39.47 2.13 0.00	37.82 1.80 0.00	37.57 1.72 0.00	38.20 1.78 0.00	43.07 2.51 0.00	56.82 3.27 0.00	65.34 4.33 0.00	58.12 3.85 0.00	44.48 3.30 0.00	41.90 2.96 0.00	39.99 2.69 0.00	37.39 2.41 0.00	37.31 2.34 0.00	36.08 2.36 0.00	36.94 2.51 0.00	40.62 3.08 0.00	47.62 3.81 0.00	58.62 4.34 0.00	67.34 4.05 0.00	64.05 4.13 0.00	51.64 3.15 0.00	45.95 3.01 0.00	42.76 2.15 0.00
GLENWOOD_IC_2_G1 23688	41.53 2.31 0.00	39.55 2.20 0.00	37.78 1.76 0.00	37.42 1.58 0.00	38.13 1.71 0.00	42.95 2.39 -0.01	56.66 3.11 0.00	65.10 4.09 0.00	58.00 3.74 0.00	44.32 3.13 0.00	41.78 2.84 0.00	39.91 2.61 0.00	37.32 2.34 0.00	37.31 2.34 0.00	35.97 2.26 0.00	36.87 2.44 0.00	40.47 2.93 0.00	47.49 3.68 -0.01	58.46 4.18 0.00	67.15 3.86 0.00	63.81 3.89 0.00	51.50 3.01 0.00	45.83 2.88 -0.01	42.84 2.23 0.00
GLENWOOD_IC_3_G1 23689	41.53 2.31 0.00	39.55 2.20 0.00	37.78 1.76 0.00	37.42 1.58 0.00	38.13 1.71 0.00	42.95 2.39 -0.01	56.66 3.11 0.00	65.10 4.09 0.00	58.00 3.74 0.00	44.32 3.13 0.00	41.78 2.84 0.00	39.91 2.61 0.00	37.32 2.34 0.00	37.31 2.34 0.00	35.97 2.26 0.00	36.87 2.44 0.00	40.47 2.93 0.00	47.49 3.68 -0.01	58.46 4.18 0.00	67.15 3.86 0.00	63.81 3.89 0.00	51.50 3.01 0.00	45.83 2.88 -0.01	42.84 2.23 0.00
GLENWOOD___4 23550	41.65 2.43 0.00	39.47 2.13 0.00	37.82 1.80 0.00	37.57 1.72 0.00	38.20 1.78 0.00	43.07 2.51 0.00	56.82 3.27 0.00	65.34 4.33 0.00	58.12 3.85 0.00	44.48 3.30 0.00	41.90 2.96 0.00	39.99 2.69 0.00	37.39 2.41 0.00	37.31 2.34 0.00	36.08 2.36 0.00	36.94 2.51 0.00	40.62 3.08 0.00	47.62 3.81 0.00	58.62 4.34 0.00	67.34 4.05 0.00	64.05 4.13 0.00	51.64 3.15 0.00	45.95 3.01 0.00	42.76 2.15 0.00
GLENWOOD___5 23614	41.65 2.43 0.00	39.47 2.13 0.00	37.82 1.80 0.00	37.57 1.72 0.00	38.20 1.78 0.00	43.07 2.51 0.00	56.82 3.27 0.00	65.34 4.33 0.00	58.12 3.85 0.00	44.48 3.30 0.00	41.90 2.96 0.00	39.99 2.69 0.00	37.39 2.41 0.00	37.31 2.34 0.00	36.08 2.36 0.00	36.94 2.51 0.00	40.62 3.08 0.00	47.62 3.81 0.00	58.62 4.34 0.00	67.34 4.05 0.00	64.05 4.13 0.00	51.64 3.15 0.00	45.95 3.01 0.00	42.76 2.15 0.00
GLOBAL GREEN_PORT_GT1 23814	41.57 2.35 0.00	39.85 2.50 0.00	37.78 1.76 0.00	37.46 1.61 0.00	38.34 1.93 0.00	43.81 3.25 -0.01	56.99 3.43 0.00	65.77 4.76 0.00	58.98 4.72 0.00	44.82 3.63 0.00	41.90 2.96 0.00	39.76 2.46 0.00	37.07 2.10 0.00	37.17 2.20 0.00	35.84 2.13 0.00	36.77 2.34 0.00	40.24 2.70 0.00	47.49 3.68 -0.01	58.73 4.45 0.00	65.75 2.47 0.00	63.58 3.66 0.00	51.45 2.96 0.00	46.17 3.22 -0.01	43.33 2.72 0.00
GLOBE___DSASP 323697	36.16 -3.06 0.00	34.73 -2.61 0.00	33.79 -2.23 0.00	33.73 -2.11 0.00	34.01 -2.40 0.00	37.55 -3.00 0.00	48.58 -4.98 0.00	54.97 -6.04 0.00	48.89 -5.37 0.00	37.36 -3.83 0.00	35.71 -3.23 0.00	34.43 -2.87 0.00	32.00 -2.97 0.00	31.99 -2.97 0.00	30.78 -2.93 0.00	31.64 -2.79 0.00	34.27 -3.27 0.00	39.51 -4.29 0.00	48.96 -5.32 0.00	58.92 -4.37 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.94 -3.01 0.00	38.62 -1.99 0.00
GOETHSLN___LBMP 323567	40.95 1.73 0.00	38.88 1.53 0.00	37.28 1.26 0.00	37.06 1.22 0.00	37.69 1.27 0.00	42.17 1.62 0.00	56.23 2.68 0.00	64.43 3.42 0.00	57.41 3.15 0.00	43.87 2.68 0.00	41.36 2.41 0.00	39.54 2.24 0.00	37.07 2.10 0.00	36.99 2.03 0.00	35.74 2.02 0.00	36.49 2.07 0.00	39.94 2.40 0.00	46.78 2.98 0.00	57.53 3.26 0.00	66.64 3.35 0.00	63.04 3.12 0.00	50.92 2.42 0.00	45.09 2.15 0.00	42.11 1.50 0.00
GOLAH___69_KV_TB 1_2 80279	37.97 -1.26 0.00	36.30 -1.05 0.00	35.23 -0.79 0.00	35.13 -0.72 0.00	35.54 -0.87 0.00	39.42 -1.14 0.00	51.57 -1.98 0.00	58.63 -2.38 0.00	51.98 -2.28 0.00	39.54 -1.65 0.00	37.66 -1.29 0.00	36.11 -1.19 0.00	33.65 -1.33 0.00	33.64 -1.33 0.00	32.30 -1.42 0.00	33.22 -1.20 0.00	36.11 -1.43 0.00	41.88 -1.93 0.00	52.00 -2.28 0.00	62.27 -1.01 0.00	58.84 -1.08 0.00	47.28 -1.21 0.00	41.96 -0.99 0.00	40.12 -0.49 0.00

GOODYEAR_LAKE_HYD 323669	40.63 1.41 0.00	38.65 1.31 0.00	37.32 1.30 0.00	37.10 1.25 0.00	37.72 1.31 0.00	42.05 1.50 0.00	55.70 2.14 0.00	63.57 2.56 0.00	56.43 2.17 0.00	42.80 1.61 0.00	40.34 1.40 0.00	38.57 1.27 0.00	36.06 1.08 0.00	36.08 1.12 0.00	34.76 1.05 0.00	35.56 1.14 0.00	38.85 1.31 0.00	45.56 1.75 0.00	56.61 2.33 0.00	66.26 2.97 0.00	62.62 2.70 0.00	50.67 2.18 0.00	44.79 1.85 0.00	42.19 1.58 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.14 -0.08 0.00	37.35 0.00 0.00	36.09 0.07 0.00	35.95 0.11 0.00	36.45 0.04 0.00	40.55 0.00 0.00	53.61 0.05 0.00	60.95 -0.06 0.00	54.05 -0.22 0.00	41.02 -0.16 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.80 -0.17 0.00	34.76 -0.21 0.00	33.48 -0.24 0.00	34.25 -0.17 0.00	37.42 -0.11 0.00	43.63 -0.18 0.00	54.17 -0.11 0.00	63.73 0.44 0.00	60.22 0.30 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.89 0.28 0.00
GOUDEY___7 23579	39.14 -0.08 0.00	37.35 0.00 0.00	36.09 0.07 0.00	35.95 0.11 0.00	36.45 0.04 0.00	40.55 0.00 0.00	53.61 0.05 0.00	60.95 -0.06 0.00	54.05 -0.22 0.00	41.02 -0.16 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.80 -0.17 0.00	34.76 -0.21 0.00	33.48 -0.24 0.00	34.25 -0.17 0.00	37.42 -0.11 0.00	43.63 -0.18 0.00	54.17 -0.11 0.00	63.73 0.44 0.00	60.22 0.30 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.89 0.28 0.00
GOUDEY___8 23580	39.14 -0.08 0.00	37.35 0.00 0.00	36.09 0.07 0.00	35.95 0.11 0.00	36.45 0.04 0.00	40.55 0.00 0.00	53.61 0.05 0.00	60.95 -0.06 0.00	54.05 -0.22 0.00	41.02 -0.16 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.80 -0.17 0.00	34.76 -0.21 0.00	33.48 -0.24 0.00	34.25 -0.17 0.00	37.42 -0.11 0.00	43.63 -0.18 0.00	54.17 -0.11 0.00	63.73 0.44 0.00	60.22 0.30 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.89 0.28 0.00
GOWANUS_GT1_1 24077	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT1_2 24078	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT1_3 24079	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT1_4 24080	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT1_5 24084	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT1_6 24111	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT1_7 24112	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT1_8 24113	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT2_1 24114	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT2_2 24115	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT2_3 24116	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49

GOWANUS_GT2_4 24117	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT2_5 24118	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT2_6 24119	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT2_7 24120	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT2_8 24121	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_1 24122	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_2 24123	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_3 24124	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_4 24125	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_5 24126	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_6 24127	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_7 24128	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT3_8 24129	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
GOWANUS_GT4_1 24130	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT4_2 24131	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49

GOWANUS_GT4_3 24132	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT4_4 24133	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT4_5 24134	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT4_6 24135	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT4_7 24136	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GOWANUS_GT4_8 24137	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GREENBSH_115KV_TB3 55895	40.12 0.90 0.00	38.13 0.78 0.00	36.67 0.65 0.00	36.45 0.61 0.00	37.07 0.66 0.00	41.40 0.85 0.00	54.63 1.07 0.00	62.48 1.46 0.00	55.57 1.30 0.00	42.14 0.95 0.00	39.76 0.82 0.00	38.12 0.82 0.00	35.81 0.84 0.00	35.80 0.84 0.00	34.56 0.84 0.00	35.32 0.90 0.00	38.59 1.05 0.00	44.99 1.18 0.00	55.69 1.41 0.00	64.49 1.20 0.00	61.06 1.14 0.00	49.41 0.92 0.00	43.67 0.73 0.00	41.17 0.57 0.00
GREENDGE_115KV_TB5 80291	38.75 -0.47 0.00	37.05 -0.30 0.00	35.84 -0.18 0.00	35.74 -0.11 0.00	36.23 -0.18 0.00	40.35 -0.20 0.00	53.40 -0.16 0.00	60.22 -0.79 0.00	53.88 -0.38 0.00	40.70 -0.49 0.00	38.59 -0.35 0.00	36.97 -0.34 0.00	34.48 -0.49 0.00	34.48 -0.49 0.00	33.18 -0.54 0.00	34.01 -0.41 0.00	36.97 -0.56 0.00	43.28 -0.53 0.00	53.95 -0.33 0.00	63.60 0.32 0.00	59.98 0.06 0.00	48.59 0.10 0.00	42.99 0.04 0.00	40.89 0.28 0.00
GREENIDGE___3 23582	38.75 -0.47 0.00	37.05 -0.30 0.00	35.84 -0.18 0.00	35.74 -0.11 0.00	36.23 -0.18 0.00	40.35 -0.20 0.00	53.40 -0.16 0.00	60.22 -0.79 0.00	53.88 -0.38 0.00	40.70 -0.49 0.00	38.59 -0.35 0.00	36.97 -0.34 0.00	34.48 -0.49 0.00	34.48 -0.49 0.00	33.18 -0.54 0.00	34.01 -0.41 0.00	36.97 -0.56 0.00	43.28 -0.53 0.00	53.95 -0.33 0.00	63.60 0.32 0.00	59.98 0.06 0.00	48.59 0.10 0.00	42.99 0.04 0.00	40.89 0.28 0.00
GREENIDGE___4 23583	38.75 -0.47 0.00	37.04 -0.30 0.00	35.84 -0.18 0.00	35.70 -0.14 0.00	36.23 -0.18 0.00	40.35 -0.20 0.00	53.40 -0.16 0.00	60.16 -0.85 0.00	53.89 -0.38 0.00	40.70 -0.49 0.00	38.59 -0.35 0.00	36.97 -0.34 0.00	34.48 -0.49 0.00	34.48 -0.49 0.00	33.17 -0.54 0.00	34.01 -0.41 0.00	37.05 -0.49 0.00	43.23 -0.57 0.00	53.35 -0.92 0.00	63.41 0.13 0.00	59.86 -0.06 0.00	48.49 0.00 0.00	42.90 -0.04 0.00	40.85 0.25 0.00
GREENLWN_69_KV_BK 3 55738	41.42 2.20 0.00	39.29 1.94 0.00	37.60 1.58 0.00	37.35 1.51 0.00	37.98 1.57 0.00	42.90 2.35 0.00	56.02 2.46 0.00	64.49 3.48 0.00	57.47 3.20 0.00	44.28 3.09 0.00	41.67 2.73 0.00	39.76 2.46 0.00	37.14 2.17 0.00	37.10 2.13 0.00	35.87 2.16 0.00	36.76 2.34 0.00	40.47 2.93 0.00	47.40 3.59 0.00	57.97 3.69 0.00	66.26 2.97 0.00	63.16 3.24 0.00	51.01 2.52 0.00	45.74 2.79 0.00	42.51 1.91 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49
GRISSOM___SOLAR 323813	41.81 2.59 0.00	39.70 2.35 0.00	38.18 2.16 0.00	38.03 2.19 0.00	38.75 2.33 0.00	43.35 2.80 0.00	57.36 3.80 0.00	65.34 4.33 0.00	57.63 3.37 0.00	43.29 2.10 0.00	40.81 1.87 0.00	38.87 1.57 0.00	36.37 1.40 0.00	36.29 1.33 0.00	35.00 1.28 0.00	35.90 1.48 0.00	39.41 1.88 0.00	46.43 2.63 0.00	58.24 3.96 0.00	68.16 4.87 0.00	64.35 4.43 0.00	52.18 3.68 0.00	45.95 3.01 0.00	43.37 2.76 0.00
GROVEVILLE___HYD 323602	41.18 1.96 0.00	39.06 1.72 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.91 1.49 0.00	42.42 1.87 0.00	56.39 2.84 0.00	64.61 3.60 0.00	57.36 3.09 0.00	43.66 2.47 0.00	41.08 2.14 0.00	39.32 2.01 0.00	36.86 1.89 0.00	36.78 1.82 0.00	35.54 1.82 0.00	36.35 1.93 0.00	39.83 2.29 0.00	46.74 2.93 0.00	57.75 3.47 0.00	67.08 3.80 0.00	63.40 3.48 0.00	51.11 2.62 0.00	45.26 2.32 0.00	42.39 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.43 -0.12 0.00	53.45 -0.11 0.00	60.89 -0.12 0.00	54.21 -0.05 0.00	41.11 -0.08 0.00	38.98 0.04 0.00	37.38 0.07 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.42 0.00 0.00	37.42 -0.11 0.00	43.59 -0.22 0.00	54.06 -0.22 0.00	63.35 0.06 0.00	59.86 -0.06 0.00	48.30 -0.19 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00

HAMLTNNY_34_KV_TB 80303	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.84 0.00 0.00	36.38 -0.04 0.00	40.43 -0.12 0.00	53.50 -0.05 0.00	60.95 -0.06 0.00	54.26 0.00 0.00	41.15 -0.04 0.00	38.98 0.04 0.00	37.38 0.07 0.00	35.01 0.03 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.46 0.03 0.00	37.42 -0.11 0.00	43.63 -0.18 0.00	54.11 -0.16 0.00	63.54 0.25 0.00	59.98 0.06 0.00	48.40 -0.10 0.00	42.81 -0.13 0.00	40.56 -0.04 0.00
HAMPSHIRE___PAPER_HYD 323593	38.16 -1.06 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	34.95 -0.89 0.00	35.58 -0.84 0.00	39.78 -0.77 0.00	52.70 -0.86 0.00	59.85 -1.16 0.00	52.85 -1.41 0.00	39.83 -1.36 0.00	37.54 -1.40 0.00	35.85 -1.46 0.00	33.51 -1.47 0.00	33.57 -1.40 0.00	32.40 -1.32 0.00	32.63 -1.79 0.00	35.62 -1.91 0.00	41.92 -1.88 0.00	52.38 -1.90 0.00	61.58 -1.71 0.00	58.42 -1.50 0.00	47.47 -1.02 0.00	42.17 -0.77 0.00	40.24 -0.37 0.00
HARDSCRABBLE_WT_PWR 323673	38.59 -0.63 0.00	36.71 -0.64 0.00	35.44 -0.58 0.00	35.31 -0.54 0.00	35.94 -0.47 0.00	40.11 -0.45 0.00	53.02 -0.54 0.00	60.40 -0.61 0.00	53.61 -0.65 0.00	40.61 -0.58 0.00	38.32 -0.62 0.00	36.67 -0.63 0.00	34.31 -0.67 0.00	34.34 -0.63 0.00	33.07 -0.64 0.00	33.77 -0.66 0.00	36.82 -0.71 0.00	43.10 -0.70 0.00	53.68 -0.60 0.00	62.78 -0.51 0.00	59.44 -0.48 0.00	48.20 -0.29 0.00	42.69 -0.26 0.00	40.32 -0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.71 1.49 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.92 1.08 0.00	37.54 1.13 0.00	41.97 1.42 0.00	55.81 2.25 0.00	63.94 2.93 0.00	56.87 2.60 0.00	43.33 2.14 0.00	40.81 1.87 0.00	39.02 1.72 0.00	36.58 1.61 0.00	36.54 1.57 0.00	35.30 1.58 0.00	36.08 1.65 0.00	39.49 1.95 0.00	46.26 2.45 0.00	57.10 2.82 0.00	66.39 3.10 0.00	62.74 2.82 0.00	50.63 2.13 0.00	44.83 1.89 0.00	41.99 1.38 0.00
HARSNRAD_115KV_TB1 81005	36.63 -2.59 0.00	35.14 -2.20 0.00	34.18 -1.84 0.00	34.12 -1.72 0.00	34.45 -1.97 0.00	38.04 -2.51 0.00	49.38 -4.18 0.00	55.89 -5.12 0.00	49.65 -4.61 0.00	37.89 -3.30 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.38 -2.59 0.00	31.15 -2.56 0.00	32.01 -2.41 0.00	34.72 -2.82 0.00	40.12 -3.68 0.00	49.77 -4.51 0.00	60.00 -3.29 0.00	56.62 -3.30 0.00	45.49 -3.01 0.00	40.62 -2.32 0.00	39.22 -1.38 0.00
HARZA MOOSE___RIVER 24016	39.38 0.16 0.00	37.46 0.11 0.00	36.20 0.18 0.00	35.95 0.11 0.00	36.60 0.18 0.00	40.84 0.28 0.00	54.15 0.59 0.00	61.93 0.92 0.00	54.81 0.54 0.00	41.40 0.21 0.00	38.98 0.04 0.00	37.27 -0.04 0.00	34.69 -0.28 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	33.98 -0.45 0.00	37.12 -0.41 0.00	43.59 -0.22 0.00	54.28 0.00 0.00	63.92 0.63 0.00	60.40 0.48 0.00	48.83 0.34 0.00	43.46 0.52 0.00	41.30 0.69 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.87 -0.35 0.00	37.05 -0.30 0.00	35.77 -0.25 0.00	35.63 -0.22 0.00	36.16 -0.25 0.00	40.19 -0.36 0.00	53.13 -0.43 0.00	60.52 -0.49 0.00	53.88 -0.38 0.00	40.90 -0.29 0.00	38.75 -0.19 0.00	37.19 -0.11 0.00	34.80 -0.17 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	34.25 -0.17 0.00	37.24 -0.30 0.00	43.32 -0.48 0.00	53.73 -0.54 0.00	62.97 -0.32 0.00	59.50 -0.42 0.00	48.01 -0.48 0.00	42.47 -0.47 0.00	40.28 -0.32 0.00
HELLGATE_13_KV_LD 55870	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.11 4.09 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.82 4.11 -0.42	64.98 3.83 -1.23	57.92 3.05 -6.37	53.09 2.66 -7.48	43.05 1.95 -0.50
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.42 2.20 -0.01	39.33 1.98 -0.01	37.76 1.73 -0.01	37.50 1.65 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.11 4.09 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.80 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.58 2.38 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.85 3.91 -5.66	67.82 4.11 -0.42	64.98 3.83 -1.23	57.92 3.05 -6.37	53.09 2.66 -7.48	43.05 1.95 -0.50
HEMPSTEAD____ 23647	41.49 2.27 0.00	39.51 2.17 0.00	37.71 1.69 0.00	37.35 1.51 0.00	38.05 1.64 0.00	42.91 2.35 -0.01	56.55 3.00 0.00	64.97 3.96 0.00	57.90 3.64 0.00	44.24 3.05 0.00	41.71 2.77 0.00	39.84 2.54 0.00	37.21 2.24 0.00	37.24 2.27 0.00	35.91 2.19 0.00	36.80 2.37 0.00	40.39 2.85 0.00	47.45 3.63 -0.01	58.40 4.12 0.00	66.96 3.67 0.00	63.70 3.78 0.00	51.40 2.91 0.00	45.79 2.83 -0.01	42.76 2.15 0.00
HEWLETT_69_KV_BK3 55828	41.73 2.51 0.00	39.59 2.24 0.00	37.93 1.91 0.00	37.67 1.83 0.00	38.31 1.89 0.00	43.15 2.60 0.00	56.93 3.37 0.00	65.40 4.39 0.00	58.22 3.96 0.00	44.53 3.34 0.00	41.94 3.00 0.00	40.06 2.76 0.00	37.42 2.45 0.00	37.34 2.38 0.00	36.11 2.39 0.00	36.97 2.55 0.00	40.62 3.08 0.00	47.66 3.85 0.00	58.62 4.34 0.00	67.40 4.11 0.00	64.11 4.19 0.00	51.79 3.30 0.00	46.04 3.09 0.00	42.88 2.27 0.00
HICKLING___1 23621	38.51 -0.71 0.00	36.86 -0.49 0.00	35.70 -0.32 0.00	35.59 -0.25 0.00	36.05 -0.36 0.00	40.11 -0.45 0.00	52.97 -0.59 0.00	60.04 -0.98 0.00	53.50 -0.76 0.00	40.53 -0.66 0.00	38.40 -0.55 0.00	36.85 -0.45 0.00	34.38 -0.59 0.00	34.30 -0.66 0.00	33.01 -0.71 0.00	33.84 -0.59 0.00	36.71 -0.83 0.00	42.84 -0.96 0.00	53.41 -0.87 0.00	63.48 0.19 0.00	59.92 0.00 0.00	48.35 -0.15 0.00	42.86 -0.09 0.00	40.89 0.28 0.00
HICKLING___2 23622	38.51 -0.71 0.00	36.86 -0.49 0.00	35.70 -0.32 0.00	35.59 -0.25 0.00	36.05 -0.36 0.00	40.11 -0.45 0.00	52.97 -0.59 0.00	60.04 -0.98 0.00	53.50 -0.76 0.00	40.53 -0.66 0.00	38.40 -0.55 0.00	36.85 -0.45 0.00	34.38 -0.59 0.00	34.30 -0.66 0.00	33.01 -0.71 0.00	33.84 -0.59 0.00	36.71 -0.83 0.00	42.84 -0.96 0.00	53.41 -0.87 0.00	63.48 0.19 0.00	59.92 0.00 0.00	48.35 -0.15 0.00	42.86 -0.09 0.00	40.89 0.28 0.00
HIGH FALLS___HY 23754	40.87 1.65 0.00	38.80 1.46 0.00	37.28 1.26 0.00	37.06 1.22 0.00	37.65 1.24 0.00	42.13 1.58 0.00	56.07 2.52 0.00	64.24 3.23 0.00	56.98 2.71 0.00	43.41 2.22 0.00	40.81 1.87 0.00	39.02 1.72 0.00	36.58 1.61 0.00	36.54 1.57 0.00	35.30 1.58 0.00	36.08 1.65 0.00	39.53 1.99 0.00	46.43 2.63 0.00	57.43 3.15 0.00	66.83 3.54 0.00	63.16 3.24 0.00	50.87 2.38 0.00	45.09 2.15 0.00	42.19 1.58 0.00
HIGH_RIVER___SOLAR 323847	41.03 1.81 0.00	38.99 1.64 0.00	37.53 1.51 0.00	37.32 1.47 0.00	37.98 1.56 0.00	42.46 1.91 0.00	56.07 2.52 0.00	64.36 3.35 0.00	56.98 2.71 0.00	42.84 1.65 0.00	40.34 1.40 0.00	38.53 1.23 0.00	36.13 1.15 0.00	36.08 1.12 0.00	34.79 1.08 0.00	35.66 1.24 0.00	39.11 1.58 0.00	46.08 2.28 0.00	57.59 3.31 0.00	67.21 3.93 0.00	63.51 3.59 0.00	51.40 2.91 0.00	45.35 2.40 0.00	42.80 2.19 0.00

HILLBURN___GT 23639	40.71 1.49 0.00	38.69 1.34 0.00	37.14 1.12 0.00	36.85 1.00 0.00	37.54 1.13 0.00	41.97 1.42 0.00	55.80 2.25 0.00	63.88 2.87 0.00	56.87 2.60 0.00	43.41 2.22 0.00	40.89 1.95 0.00	39.13 1.83 0.00	36.69 1.71 0.00	36.61 1.64 0.00	35.37 1.65 0.00	36.11 1.69 0.00	39.49 1.95 0.00	46.30 2.50 0.00	57.04 2.77 0.00	66.20 2.91 0.00	62.62 2.70 0.00	50.58 2.08 0.00	44.79 1.85 0.00	41.99 1.38 0.00
HILLSIDE_115KV_TB1 80332	38.20 -1.02 0.00	36.52 -0.82 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.72 -0.69 0.00	39.70 -0.85 0.00	52.43 -1.12 0.00	59.42 -1.59 0.00	53.02 -1.25 0.00	40.24 -0.95 0.00	38.12 -0.82 0.00	36.59 -0.71 0.00	34.14 -0.84 0.00	34.09 -0.87 0.00	32.80 -0.91 0.00	33.60 -0.83 0.00	36.41 -1.13 0.00	42.40 -1.40 0.00	52.76 -1.52 0.00	62.59 -0.70 0.00	59.14 -0.78 0.00	47.67 -0.82 0.00	42.30 -0.64 0.00	40.36 -0.24 0.00
HISHELDN_WT_PWR 323625	36.36 -2.86 0.00	34.84 -2.50 0.00	33.86 -2.16 0.00	33.73 -2.11 0.00	34.16 -2.26 0.00	37.92 -2.64 0.00	49.48 -4.07 0.00	56.07 -4.94 0.00	49.82 -4.45 0.00	37.81 -3.38 0.00	35.94 -3.00 0.00	34.54 -2.76 0.00	32.14 -2.83 0.00	32.06 -2.90 0.00	30.88 -2.83 0.00	31.74 -2.69 0.00	34.68 -2.85 0.00	40.13 -3.68 0.00	49.88 -4.39 0.00	60.19 -3.10 0.00	57.04 -2.88 0.00	45.97 -2.52 0.00	41.01 -1.93 0.00	39.59 -1.01 0.00
HOLTSVILLE_IC_1 23690	41.57 2.35 0.00	39.74 2.39 0.00	37.75 1.73 0.00	37.39 1.54 0.00	38.16 1.75 0.00	43.40 2.84 -0.01	56.66 3.11 0.00	65.28 4.27 0.00	58.44 4.18 0.00	44.57 3.38 0.00	41.94 3.00 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.04 2.32 0.00	37.01 2.58 0.00	40.65 3.11 0.00	47.89 4.07 -0.01	59.00 4.72 0.00	66.57 3.29 0.00	63.87 3.95 0.00	51.55 3.06 0.00	46.00 3.05 -0.01	42.88 2.27 0.00
HOLTSVILLE_IC_10 23699	41.77 2.55 0.00	39.92 2.57 0.00	37.89 1.87 0.00	37.53 1.69 0.00	38.31 1.89 0.00	43.60 3.04 -0.01	56.93 3.38 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.10 2.80 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.33 5.05 0.00	66.96 3.67 0.00	64.29 4.37 0.00	51.79 3.30 0.00	46.21 3.26 -0.01	43.08 2.48 0.00
HOLTSVILLE_IC_2 23691	41.57 2.35 0.00	39.74 2.39 0.00	37.75 1.73 0.00	37.39 1.54 0.00	38.16 1.75 0.00	43.40 2.84 -0.01	56.66 3.11 0.00	65.28 4.27 0.00	58.44 4.18 0.00	44.57 3.38 0.00	41.94 3.00 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.04 2.32 0.00	37.01 2.58 0.00	40.65 3.11 0.00	47.89 4.07 -0.01	59.00 4.72 0.00	66.57 3.29 0.00	63.87 3.95 0.00	51.55 3.06 0.00	46.00 3.05 -0.01	42.88 2.27 0.00
HOLTSVILLE_IC_3 23692	41.57 2.35 0.00	39.74 2.39 0.00	37.75 1.73 0.00	37.39 1.54 0.00	38.16 1.75 0.00	43.40 2.84 -0.01	56.66 3.11 0.00	65.28 4.27 0.00	58.44 4.18 0.00	44.57 3.38 0.00	41.94 3.00 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.04 2.32 0.00	37.01 2.58 0.00	40.65 3.11 0.00	47.89 4.07 -0.01	59.00 4.72 0.00	66.57 3.29 0.00	63.87 3.95 0.00	51.55 3.06 0.00	46.00 3.05 -0.01	42.88 2.27 0.00
HOLTSVILLE_IC_4 23693	41.57 2.35 0.00	39.74 2.39 0.00	37.75 1.73 0.00	37.39 1.54 0.00	38.16 1.75 0.00	43.40 2.84 -0.01	56.66 3.11 0.00	65.28 4.27 0.00	58.44 4.18 0.00	44.57 3.38 0.00	41.94 3.00 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.04 2.32 0.00	37.01 2.58 0.00	40.65 3.11 0.00	47.89 4.07 -0.01	59.00 4.72 0.00	66.57 3.29 0.00	63.87 3.95 0.00	51.55 3.06 0.00	46.00 3.05 -0.01	42.88 2.27 0.00
HOLTSVILLE_IC_5 23694	41.57 2.35 0.00	39.74 2.39 0.00	37.75 1.73 0.00	37.39 1.54 0.00	38.16 1.75 0.00	43.40 2.84 -0.01	56.66 3.11 0.00	65.28 4.27 0.00	58.44 4.18 0.00	44.57 3.38 0.00	41.94 3.00 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.04 2.32 0.00	37.01 2.58 0.00	40.65 3.11 0.00	47.89 4.07 -0.01	59.00 4.72 0.00	66.57 3.29 0.00	63.87 3.95 0.00	51.55 3.06 0.00	46.00 3.05 -0.01	42.88 2.27 0.00
HOLTSVILLE_IC_6 23695	41.77 2.55 0.00	39.92 2.57 0.00	37.89 1.87 0.00	37.53 1.69 0.00	38.31 1.89 0.00	43.60 3.04 -0.01	56.93 3.38 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.10 2.80 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.33 5.05 0.00	66.96 3.67 0.00	64.29 4.37 0.00	51.79 3.30 0.00	46.21 3.26 -0.01	43.08 2.48 0.00
HOLTSVILLE_IC_7 23696	41.77 2.55 0.00	39.92 2.57 0.00	37.89 1.87 0.00	37.53 1.69 0.00	38.31 1.89 0.00	43.60 3.04 -0.01	56.93 3.38 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.10 2.80 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.33 5.05 0.00	66.96 3.67 0.00	64.29 4.37 0.00	51.79 3.30 0.00	46.21 3.26 -0.01	43.08 2.48 0.00
HOLTSVILLE_IC_8 23697	41.77 2.55 0.00	39.92 2.57 0.00	37.89 1.87 0.00	37.53 1.69 0.00	38.31 1.89 0.00	43.60 3.04 -0.01	56.93 3.38 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.10 2.80 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.33 5.05 0.00	66.96 3.67 0.00	64.29 4.37 0.00	51.79 3.30 0.00	46.21 3.26 -0.01	43.08 2.48 0.00
HOLTSVILLE_IC_9 23698	41.77 2.55 0.00	39.92 2.57 0.00	37.89 1.87 0.00	37.53 1.69 0.00	38.31 1.89 0.00	43.60 3.04 -0.01	56.93 3.38 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.10 2.80 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.33 5.05 0.00	66.96 3.67 0.00	64.29 4.37 0.00	51.79 3.30 0.00	46.21 3.26 -0.01	43.08 2.48 0.00
HOMER_HL_115KV_TB2 355744	37.53 -1.69 0.00	36.04 -1.31 0.00	35.01 -1.01 0.00	34.98 -0.86 0.00	35.32 -1.09 0.00	39.13 -1.42 0.00	51.47 -2.09 0.00	58.20 -2.81 0.00	51.60 -2.66 0.00	39.21 -1.98 0.00	37.31 -1.64 0.00	35.88 -1.42 0.00	33.33 -1.64 0.00	33.29 -1.68 0.00	32.06 -1.65 0.00	32.84 -1.58 0.00	35.62 -1.91 0.00	41.26 -2.54 0.00	51.45 -2.82 0.00	61.96 -1.33 0.00	58.54 -1.38 0.00	47.18 -1.31 0.00	42.00 -0.94 0.00	40.48 -0.12 0.00
HOWARD_WT_PWR 323690	37.42 -1.80 0.00	35.93 -1.42 0.00	34.76 -1.26 0.00	34.66 -1.18 0.00	35.03 -1.38 0.00	38.93 -1.62 0.00	51.52 -2.04 0.00	58.33 -2.68 0.00	51.93 -2.33 0.00	39.09 -2.10 0.00	37.07 -1.87 0.00	35.59 -1.72 0.00	33.09 -1.89 0.00	33.04 -1.92 0.00	31.83 -1.89 0.00	32.74 -1.69 0.00	35.77 -1.76 0.00	41.75 -2.06 0.00	52.10 -2.17 0.00	62.65 -0.63 0.00	59.38 -0.54 0.00	47.86 -0.63 0.00	42.47 -0.47 0.00	40.85 0.25 0.00

HQ_GEN_CEDARS 23644	38.87 -0.35 0.00	37.08 -0.26 0.00	35.80 -0.22 0.00	35.70 -0.14 0.00	36.27 -0.15 0.00	40.51 -0.04 0.00	53.34 -0.21 0.00	60.46 -0.55 0.00	53.67 -0.60 0.00	40.57 -0.62 0.00	38.32 -0.62 0.00	36.67 -0.63 0.00	34.41 -0.56 0.00	34.41 -0.56 0.00	33.24 -0.47 0.00	33.80 -0.62 0.00	36.90 -0.64 0.00	43.24 -0.57 0.00	53.84 -0.43 0.00	62.97 -0.32 0.00	59.80 -0.12 0.00	48.64 0.15 0.00	43.12 0.17 0.00	40.85 0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	38.87 -0.35 0.00	37.09 -0.26 0.00	35.81 -0.21 0.00	35.70 -0.14 0.00	36.27 -0.15 0.00	40.51 -0.04 0.00	53.40 -0.16 0.00	60.59 -0.42 0.00	53.67 -0.60 0.00	40.57 -0.62 0.00	38.32 -0.62 0.00	36.67 -0.63 0.00	34.41 -0.56 0.00	34.41 -0.56 0.00	33.24 -0.47 0.00	33.81 -0.62 0.00	36.90 -0.64 0.00	43.23 -0.57 0.00	53.84 -0.44 0.00	62.91 -0.38 0.00	59.80 -0.12 0.00	48.64 0.15 0.00	43.12 0.17 0.00	40.85 0.25 0.00
HQ_GEN_IMPORT 323601	38.99 -0.23 0.00	37.16 -0.19 0.00	35.88 -0.14 0.00	35.74 -0.11 0.00	36.31 -0.11 0.00	40.47 -0.08 0.00	53.40 -0.16 0.00	60.71 -0.30 0.00	53.89 -0.38 0.00	40.86 -0.33 0.00	38.59 -0.35 0.00	36.97 -0.34 0.00	34.66 -0.32 0.00	34.68 -0.28 0.00	33.44 -0.27 0.00	34.11 -0.31 0.00	37.20 -0.34 0.00	43.50 -0.30 0.00	54.01 -0.27 0.00	62.97 -0.31 0.00	59.68 -0.24 0.00	48.44 -0.05 0.00	42.90 -0.04 0.00	40.61 0.00 0.00
HQ_GEN_WHEEL 23651	38.99 -0.23 0.00	37.16 -0.19 0.00	35.88 -0.14 0.00	35.74 -0.11 0.00	36.31 -0.11 0.00	40.47 -0.08 0.00	53.40 -0.16 0.00	60.71 -0.30 0.00	53.89 -0.38 0.00	40.86 -0.33 0.00	38.59 -0.35 0.00	36.97 -0.34 0.00	34.66 -0.32 0.00	34.68 -0.28 0.00	33.44 -0.27 0.00	34.11 -0.31 0.00	37.20 -0.34 0.00	43.50 -0.30 0.00	54.01 -0.27 0.00	62.97 -0.31 0.00	59.68 -0.24 0.00	48.44 -0.05 0.00	42.90 -0.04 0.00	40.61 0.00 0.00
HUDSON AVE_GT_3 23810	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.94 1.53 0.00	42.42 1.87 0.00	56.56 3.00 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.11 2.92 0.00	41.55 2.61 0.00	39.76 2.46 0.00	37.28 2.31 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.70 2.27 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.39 1.79 0.00
HUDSON AVE_GT_4 23540	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.94 1.53 0.00	42.42 1.87 0.00	56.56 3.00 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.11 2.92 0.00	41.55 2.61 0.00	39.76 2.46 0.00	37.28 2.31 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.70 2.27 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.39 1.79 0.00
HUDSON AVE_GT_5 23657	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.94 1.53 0.00	42.42 1.87 0.00	56.56 3.00 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.11 2.92 0.00	41.55 2.61 0.00	39.76 2.46 0.00	37.28 2.31 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.70 2.27 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.39 1.79 0.00
HUDSON_AVE_10 24168	41.10 1.88 0.00	39.03 1.68 0.00	37.42 1.40 0.00	37.17 1.33 0.00	37.83 1.42 0.00	42.30 1.74 0.00	56.45 2.89 0.00	64.73 3.72 0.00	57.63 3.36 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.13 2.17 0.00	35.87 2.16 0.00	36.63 2.20 0.00	40.13 2.59 0.00	47.00 3.20 0.00	57.81 3.53 0.00	67.02 3.73 0.00	63.40 3.48 0.00	51.21 2.72 0.00	45.31 2.36 0.00	42.27 1.66 0.00
HUDSON___115KV_TB 4 355613	40.79 1.57 0.00	38.73 1.38 0.00	37.24 1.22 0.00	37.03 1.18 0.00	37.69 1.27 0.00	42.09 1.54 0.00	55.70 2.14 0.00	63.63 2.62 0.00	56.27 2.01 0.00	42.47 1.28 0.00	39.99 1.05 0.00	38.27 0.97 0.00	35.95 0.98 0.00	35.94 0.98 0.00	34.69 0.98 0.00	35.49 1.07 0.00	38.89 1.35 0.00	45.47 1.66 0.00	56.56 2.28 0.00	65.75 2.47 0.00	62.20 2.28 0.00	50.29 1.79 0.00	44.45 1.50 0.00	41.86 1.26 0.00
HUNTER MOUNT___DRP 323613	40.95 1.73 0.00	38.88 1.53 0.00	37.39 1.37 0.00	37.17 1.33 0.00	37.80 1.38 0.00	42.26 1.70 0.00	55.97 2.41 0.00	63.94 2.93 0.00	56.38 2.12 0.00	42.55 1.36 0.00	39.99 1.05 0.00	38.27 0.97 0.00	35.92 0.94 0.00	35.91 0.94 0.00	34.66 0.94 0.00	35.49 1.07 0.00	38.89 1.35 0.00	45.56 1.75 0.00	56.72 2.44 0.00	66.07 2.78 0.00	62.44 2.52 0.00	50.48 1.99 0.00	44.66 1.72 0.00	42.03 1.42 0.00
HUNTINGTON_RES_REC 323705	41.61 2.39 0.00	39.70 2.35 0.00	37.78 1.76 0.00	37.42 1.58 0.00	38.16 1.75 0.00	43.28 2.72 -0.01	56.45 2.89 0.00	64.97 3.96 0.00	58.06 3.80 0.00	44.49 3.30 0.00	41.90 2.96 0.00	39.95 2.65 0.00	37.28 2.31 0.00	37.38 2.41 0.00	36.01 2.29 0.00	36.97 2.55 0.00	40.65 3.11 0.00	47.80 3.99 -0.01	58.73 4.45 0.00	66.70 3.42 0.00	63.76 3.84 0.00	51.45 2.96 0.00	46.05 3.09 -0.01	42.96 2.35 0.00
HUNTLEY___63 23557	37.02 -2.20 0.00	35.52 -1.83 0.00	34.54 -1.48 0.00	34.48 -1.36 0.00	34.78 -1.64 0.00	38.40 -2.15 0.00	49.86 -3.70 0.00	56.50 -4.51 0.00	50.19 -4.07 0.00	38.31 -2.88 0.00	36.60 -2.34 0.00	35.33 -1.98 0.00	32.81 -2.17 0.00	32.80 -2.17 0.00	31.56 -2.16 0.00	32.39 -2.03 0.00	35.14 -2.40 0.00	40.52 -3.29 0.00	50.32 -3.96 0.00	60.63 -2.66 0.00	57.22 -2.70 0.00	45.97 -2.52 0.00	41.10 -1.85 0.00	39.63 -0.97 0.00
HUNTLEY___64 23558	37.02 -2.20 0.00	35.52 -1.83 0.00	34.54 -1.48 0.00	34.48 -1.36 0.00	34.78 -1.64 0.00	38.40 -2.15 0.00	49.86 -3.70 0.00	56.50 -4.51 0.00	50.19 -4.07 0.00	38.31 -2.88 0.00	36.60 -2.34 0.00	35.33 -1.98 0.00	32.81 -2.17 0.00	32.80 -2.17 0.00	31.56 -2.16 0.00	32.39 -2.03 0.00	35.14 -2.40 0.00	40.52 -3.29 0.00	50.32 -3.96 0.00	60.63 -2.66 0.00	57.22 -2.70 0.00	45.97 -2.52 0.00	41.10 -1.85 0.00	39.63 -0.97 0.00
HUNTLEY___65 23559	37.02 -2.20 0.00	35.52 -1.83 0.00	34.54 -1.48 0.00	34.48 -1.36 0.00	34.78 -1.64 0.00	38.40 -2.15 0.00	49.86 -3.70 0.00	56.50 -4.51 0.00	50.19 -4.07 0.00	38.31 -2.88 0.00	36.60 -2.34 0.00	35.33 -1.98 0.00	32.81 -2.17 0.00	32.80 -2.17 0.00	31.56 -2.16 0.00	32.39 -2.03 0.00	35.14 -2.40 0.00	40.52 -3.29 0.00	50.32 -3.96 0.00	60.63 -2.66 0.00	57.22 -2.70 0.00	45.97 -2.52 0.00	41.10 -1.85 0.00	39.63 -0.97 0.00
HUNTLEY___66 23560	37.02 -2.20 0.00	35.52 -1.83 0.00	34.54 -1.48 0.00	34.48 -1.36 0.00	34.78 -1.64 0.00	38.40 -2.15 0.00	49.86 -3.70 0.00	56.50 -4.51 0.00	50.19 -4.07 0.00	38.31 -2.88 0.00	36.60 -2.34 0.00	35.33 -1.98 0.00	32.81 -2.17 0.00	32.80 -2.17 0.00	31.56 -2.16 0.00	32.39 -2.03 0.00	35.14 -2.40 0.00	40.52 -3.29 0.00	50.32 -3.96 0.00	60.63 -2.66 0.00	57.22 -2.70 0.00	45.97 -2.52 0.00	41.10 -1.85 0.00	39.63 -0.97 0.00

HUNTLEY___67 23561	36.91 -2.31 0.00	35.40 -1.94 0.00	34.44 -1.58 0.00	34.38 -1.47 0.00	34.70 -1.71 0.00	38.32 -2.23 0.00	49.75 -3.80 0.00	56.31 -4.70 0.00	50.09 -4.18 0.00	38.22 -2.97 0.00	36.53 -2.41 0.00	35.21 -2.09 0.00	32.74 -2.24 0.00	32.69 -2.27 0.00	31.46 -2.26 0.00	32.32 -2.10 0.00	35.02 -2.52 0.00	40.43 -3.37 0.00	50.15 -4.13 0.00	60.37 -2.91 0.00	56.98 -2.94 0.00	45.82 -2.67 0.00	40.93 -2.02 0.00	39.51 -1.10 0.00
HUNTLEY___68 23562	36.91 -2.31 0.00	35.40 -1.94 0.00	34.44 -1.58 0.00	34.38 -1.47 0.00	34.70 -1.71 0.00	38.32 -2.23 0.00	49.75 -3.80 0.00	56.31 -4.70 0.00	50.09 -4.18 0.00	38.22 -2.97 0.00	36.53 -2.41 0.00	35.21 -2.09 0.00	32.74 -2.24 0.00	32.69 -2.27 0.00	31.46 -2.26 0.00	32.32 -2.10 0.00	35.02 -2.52 0.00	40.43 -3.37 0.00	50.15 -4.13 0.00	60.37 -2.91 0.00	56.98 -2.94 0.00	45.82 -2.67 0.00	40.93 -2.02 0.00	39.51 -1.10 0.00
HYLAND___LFGE 323620	38.99 -0.23 0.00	37.31 -0.04 0.00	36.24 0.22 0.00	36.10 0.25 0.00	36.60 0.18 0.00	40.71 0.16 0.00	53.56 0.00 0.00	60.40 -0.61 0.00	52.85 -1.41 0.00	39.42 -1.77 0.00	37.27 -1.67 0.00	35.74 -1.57 0.00	33.26 -1.71 0.00	33.18 -1.78 0.00	32.00 -1.72 0.00	33.08 -1.34 0.00	36.30 -1.24 0.00	41.26 -2.54 0.00	51.89 -2.39 0.00	62.91 -0.38 0.00	59.68 -0.24 0.00	47.86 -0.63 0.00	42.26 -0.69 0.00	41.70 1.10 0.00
INDECK___CORINTH 23802	41.57 2.35 0.00	39.47 2.13 0.00	37.96 1.94 0.00	37.78 1.93 0.00	38.49 2.07 0.00	43.07 2.52 0.00	57.04 3.48 0.00	65.04 4.03 0.00	57.68 3.42 0.00	43.49 2.31 0.00	41.04 2.10 0.00	39.20 1.90 0.00	36.65 1.68 0.00	36.54 1.57 0.00	35.27 1.55 0.00	36.11 1.69 0.00	39.53 1.99 0.00	46.30 2.50 0.00	57.80 3.53 0.00	67.40 4.11 0.00	63.70 3.78 0.00	51.45 2.96 0.00	45.30 2.36 0.00	42.80 2.19 0.00
INDECK___ILION 23567	39.06 -0.16 0.00	37.16 -0.19 0.00	35.84 -0.18 0.00	35.67 -0.18 0.00	36.30 -0.11 0.00	40.47 -0.08 0.00	53.45 -0.11 0.00	60.95 -0.06 0.00	54.16 -0.11 0.00	41.07 -0.12 0.00	38.79 -0.16 0.00	37.12 -0.19 0.00	34.76 -0.21 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	34.22 -0.21 0.00	37.35 -0.19 0.00	43.67 -0.13 0.00	54.22 -0.05 0.00	63.29 0.00 0.00	59.92 0.00 0.00	48.54 0.05 0.00	42.99 0.04 0.00	40.61 0.00 0.00
INDECK___OLEAN 23982	37.57 -1.65 0.00	36.04 -1.31 0.00	35.01 -1.01 0.00	34.88 -0.97 0.00	35.32 -1.09 0.00	39.13 -1.42 0.00	51.41 -2.14 0.00	58.14 -2.87 0.00	51.61 -2.66 0.00	39.21 -1.98 0.00	37.31 -1.63 0.00	35.88 -1.42 0.00	33.33 -1.64 0.00	33.25 -1.71 0.00	32.03 -1.68 0.00	32.84 -1.58 0.00	35.70 -1.84 0.00	41.26 -2.54 0.00	51.24 -3.04 0.00	61.71 -1.58 0.00	58.36 -1.56 0.00	47.08 -1.41 0.00	41.91 -1.03 0.00	40.56 -0.04 0.00
INDECK___OSWEGO 23783	38.39 -0.83 0.00	36.60 -0.75 0.00	35.33 -0.69 0.00	35.16 -0.68 0.00	35.69 -0.73 0.00	39.66 -0.89 0.00	52.38 -1.18 0.00	59.67 -1.34 0.00	53.07 -1.19 0.00	40.28 -0.91 0.00	38.20 -0.74 0.00	36.59 -0.71 0.00	34.28 -0.70 0.00	34.27 -0.70 0.00	33.01 -0.71 0.00	33.70 -0.72 0.00	36.64 -0.90 0.00	42.62 -1.18 0.00	52.81 -1.46 0.00	61.89 -1.39 0.00	58.48 -1.44 0.00	47.28 -1.21 0.00	41.83 -1.12 0.00	39.59 -1.01 0.00
INDECK___YERKES 23781	37.06 -2.16 0.00	35.48 -1.87 0.00	34.58 -1.44 0.00	34.41 -1.43 0.00	34.81 -1.60 0.00	38.44 -2.11 0.00	49.81 -3.75 0.00	56.56 -4.45 0.00	50.25 -4.01 0.00	38.35 -2.84 0.00	36.64 -2.30 0.00	35.32 -1.98 0.00	32.84 -2.13 0.00	32.80 -2.17 0.00	31.59 -2.12 0.00	32.43 -2.00 0.00	35.32 -2.21 0.00	40.52 -3.29 0.00	50.10 -4.18 0.00	60.38 -2.91 0.00	57.10 -2.82 0.00	45.92 -2.57 0.00	41.01 -1.93 0.00	39.67 -0.93 0.00
INDIAN POINT_GT_1 24139	40.75 1.53 0.00	38.73 1.38 0.00	37.17 1.15 0.00	36.96 1.11 0.00	37.58 1.17 0.00	42.01 1.46 0.00	55.86 2.30 0.00	63.94 2.93 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.93 1.99 0.00	39.17 1.87 0.00	36.72 1.75 0.00	36.64 1.68 0.00	35.40 1.69 0.00	36.14 1.72 0.00	39.56 2.03 0.00	46.35 2.54 0.00	57.10 2.82 0.00	66.20 2.91 0.00	62.68 2.76 0.00	50.63 2.13 0.00	44.79 1.85 0.00	41.95 1.34 0.00
INDIAN POINT_GT_2 23659	40.75 1.53 0.00	38.73 1.38 0.00	37.17 1.15 0.00	36.96 1.11 0.00	37.58 1.17 0.00	42.01 1.46 0.00	55.86 2.30 0.00	63.94 2.93 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.93 1.99 0.00	39.17 1.87 0.00	36.72 1.75 0.00	36.64 1.68 0.00	35.40 1.69 0.00	36.14 1.72 0.00	39.56 2.03 0.00	46.35 2.54 0.00	57.10 2.82 0.00	66.20 2.91 0.00	62.68 2.76 0.00	50.63 2.13 0.00	44.79 1.85 0.00	41.95 1.34 0.00
INDIAN POINT_GT_3 24019	40.75 1.53 0.00	38.73 1.38 0.00	37.17 1.15 0.00	36.96 1.11 0.00	37.58 1.17 0.00	42.01 1.46 0.00	55.86 2.30 0.00	63.94 2.93 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.93 1.99 0.00	39.17 1.87 0.00	36.72 1.75 0.00	36.64 1.68 0.00	35.40 1.69 0.00	36.14 1.72 0.00	39.56 2.03 0.00	46.35 2.54 0.00	57.10 2.82 0.00	66.20 2.91 0.00	62.68 2.76 0.00	50.63 2.13 0.00	44.79 1.85 0.00	41.95 1.34 0.00
INDIAN POINT___2 23530	40.63 1.41 0.00	38.62 1.27 0.00	37.07 1.05 0.00	36.78 0.93 0.00	37.47 1.06 0.00	41.89 1.34 0.00	55.64 2.09 0.00	63.69 2.68 0.00	56.76 2.50 0.00	43.29 2.10 0.00	40.77 1.83 0.00	39.02 1.72 0.00	36.58 1.61 0.00	36.54 1.57 0.00	35.27 1.55 0.00	36.01 1.58 0.00	39.38 1.84 0.00	46.17 2.36 0.00	56.88 2.61 0.00	66.01 2.72 0.00	62.44 2.52 0.00	50.43 1.94 0.00	44.66 1.72 0.00	41.90 1.30 0.00
INDIAN POINT___3 23531	40.83 1.61 0.00	38.76 1.42 0.00	37.21 1.19 0.00	36.99 1.15 0.00	37.62 1.20 0.00	42.09 1.54 0.00	55.91 2.36 0.00	64.06 3.05 0.00	57.03 2.77 0.00	43.50 2.31 0.00	40.97 2.02 0.00	39.20 1.90 0.00	36.76 1.78 0.00	36.68 1.71 0.00	35.43 1.72 0.00	36.21 1.79 0.00	39.64 2.10 0.00	46.39 2.58 0.00	57.15 2.88 0.00	66.26 2.97 0.00	62.74 2.82 0.00	50.67 2.18 0.00	44.83 1.89 0.00	41.99 1.38 0.00
INGHAM_C_115KV_TB7 356103	38.59 -0.63 0.00	36.67 -0.67 0.00	35.41 -0.61 0.00	35.27 -0.57 0.00	35.90 -0.51 0.00	40.07 -0.49 0.00	52.97 -0.59 0.00	60.34 -0.67 0.00	53.56 -0.71 0.00	40.57 -0.62 0.00	38.24 -0.70 0.00	36.63 -0.67 0.00	34.27 -0.70 0.00	34.30 -0.66 0.00	33.04 -0.67 0.00	33.74 -0.69 0.00	36.82 -0.71 0.00	43.06 -0.74 0.00	53.57 -0.71 0.00	62.72 -0.57 0.00	59.38 -0.54 0.00	48.10 -0.39 0.00	42.60 -0.34 0.00	40.28 -0.32 0.00
IP CORINTH___1 23988	41.57 2.35 0.00	39.51 2.17 0.00	37.96 1.95 0.00	37.78 1.94 0.00	38.49 2.08 0.00	43.07 2.51 0.00	57.04 3.48 0.00	65.10 4.09 0.00	57.68 3.42 0.00	43.50 2.31 0.00	41.04 2.10 0.00	39.20 1.90 0.00	36.65 1.68 0.00	36.54 1.57 0.00	35.27 1.55 0.00	36.11 1.69 0.00	39.56 2.03 0.00	46.30 2.50 0.00	56.39 2.12 0.00	65.50 2.22 0.00	61.90 1.98 0.00	50.00 1.50 0.00	44.15 1.20 0.00	41.62 1.02 0.00

IP__TICONDEROGA 23804	42.67 3.45 0.00	40.48 3.14 0.00	38.90 2.88 0.00	38.68 2.83 0.00	39.51 3.10 0.00	44.36 3.81 0.00	58.80 5.25 0.00	67.11 6.10 0.00	59.09 4.83 0.00	44.28 3.09 0.00	41.78 2.84 0.00	39.91 2.61 0.00	37.14 2.17 0.00	36.89 1.92 0.00	35.67 1.96 0.00	36.59 2.17 0.00	40.13 2.59 0.00	47.09 3.29 0.00	58.02 3.75 0.00	67.78 4.49 0.00	63.99 4.07 0.00	51.60 3.10 0.00	45.39 2.45 0.00	42.84 2.23 0.00
ISLIP_RES_REC 323679	41.89 2.67 0.00	40.04 2.69 0.00	38.04 2.02 0.00	37.64 1.79 0.00	38.42 2.00 0.00	43.76 3.20 -0.01	57.14 3.59 0.00	65.95 4.94 0.00	58.98 4.72 0.00	44.90 3.71 0.00	42.29 3.35 0.00	40.25 2.95 0.00	37.56 2.59 0.00	37.66 2.69 0.00	36.31 2.60 0.00	37.28 2.86 0.00	40.99 3.45 0.00	48.28 4.47 -0.01	59.60 5.32 0.00	67.28 3.99 0.00	64.53 4.61 0.00	52.03 3.54 0.00	46.39 3.44 -0.01	43.24 2.64 0.00
JAMAICA__27_KV_LOAD 355505	41.22 2.00 0.00	39.10 1.76 0.00	37.46 1.44 0.00	37.17 1.33 0.00	37.87 1.46 0.00	42.38 1.82 0.00	56.66 3.11 0.00	64.98 3.97 0.00	57.84 3.58 0.00	44.20 3.01 0.00	41.63 2.69 0.00	39.84 2.54 0.00	37.35 2.38 0.00	37.27 2.31 0.00	36.01 2.29 0.00	36.80 2.38 0.00	40.32 2.78 0.00	47.22 3.42 0.00	58.13 3.85 0.00	67.46 4.18 0.00	63.81 3.89 0.00	51.50 3.01 0.00	45.52 2.58 0.00	42.43 1.83 0.00
JANIS__SOLAR 323808	40.59 1.37 0.00	38.69 1.34 0.00	37.42 1.40 0.00	37.21 1.36 0.00	37.80 1.38 0.00	42.18 1.62 0.00	56.07 2.52 0.00	63.63 2.62 0.00	56.11 1.85 0.00	42.18 0.99 0.00	39.72 0.78 0.00	37.97 0.67 0.00	35.36 0.39 0.00	35.39 0.42 0.00	34.09 0.37 0.00	35.04 0.62 0.00	38.33 0.79 0.00	45.08 1.27 0.00	56.45 2.17 0.00	66.96 3.67 0.00	63.15 3.23 0.00	50.92 2.42 0.00	44.92 1.98 0.00	42.43 1.83 0.00
JARVIS____ 23743	39.34 0.12 0.00	37.42 0.07 0.00	36.09 0.07 0.00	35.92 0.07 0.00	36.49 0.07 0.00	40.63 0.08 0.00	53.72 0.16 0.00	61.19 0.18 0.00	54.43 0.16 0.00	41.36 0.17 0.00	39.06 0.12 0.00	37.41 0.11 0.00	35.04 0.07 0.00	35.07 0.11 0.00	33.82 0.10 0.00	34.53 0.10 0.00	37.65 0.11 0.00	43.98 0.18 0.00	54.50 0.22 0.00	63.54 0.25 0.00	60.16 0.24 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.73 0.12 0.00
JENNISON__1 23625	40.63 1.41 0.00	38.73 1.38 0.00	37.42 1.40 0.00	37.17 1.33 0.00	37.80 1.38 0.00	42.13 1.58 0.00	55.91 2.36 0.00	63.70 2.68 0.00	56.33 2.06 0.00	42.59 1.40 0.00	40.11 1.17 0.00	38.38 1.08 0.00	35.71 0.73 0.00	35.77 0.80 0.00	34.42 0.71 0.00	35.32 0.90 0.00	38.63 1.09 0.00	45.38 1.58 0.00	56.67 2.39 0.00	67.08 3.80 0.00	63.28 3.36 0.00	51.06 2.57 0.00	45.09 2.15 0.00	42.55 1.95 0.00
JENNISON__2 23626	40.63 1.41 0.00	38.73 1.38 0.00	37.42 1.40 0.00	37.17 1.33 0.00	37.80 1.38 0.00	42.13 1.58 0.00	55.91 2.36 0.00	63.70 2.68 0.00	56.33 2.06 0.00	42.59 1.40 0.00	40.11 1.17 0.00	38.38 1.08 0.00	35.71 0.73 0.00	35.77 0.80 0.00	34.42 0.71 0.00	35.32 0.90 0.00	38.63 1.09 0.00	45.38 1.58 0.00	56.67 2.39 0.00	67.08 3.80 0.00	63.28 3.36 0.00	51.06 2.57 0.00	45.09 2.15 0.00	42.55 1.95 0.00
JERICHO_RISE_WT_PWR 323719	37.96 -1.26 0.00	36.37 -0.97 0.00	35.16 -0.86 0.00	35.13 -0.72 0.00	35.69 -0.73 0.00	39.82 -0.73 0.00	52.43 -1.13 0.00	59.55 -1.46 0.00	52.58 -1.68 0.00	39.58 -1.61 0.00	37.31 -1.63 0.00	35.66 -1.64 0.00	33.47 -1.50 0.00	33.50 -1.47 0.00	32.40 -1.32 0.00	33.01 -1.41 0.00	36.15 -1.39 0.00	42.49 -1.31 0.00	53.13 -1.14 0.00	61.83 -1.45 0.00	58.90 -1.02 0.00	48.25 -0.24 0.00	42.77 -0.17 0.00	40.52 -0.08 0.00
KATONAH__115KV_46KV_TB4 355592	41.22 2.00 0.00	39.17 1.83 0.00	37.60 1.58 0.00	37.35 1.51 0.00	37.98 1.57 0.00	42.50 1.95 0.00	56.45 2.89 0.00	64.61 3.60 0.00	57.57 3.31 0.00	43.91 2.72 0.00	41.36 2.41 0.00	39.65 2.35 0.00	37.14 2.17 0.00	37.06 2.10 0.00	35.81 2.09 0.00	36.59 2.17 0.00	40.05 2.52 0.00	46.96 3.15 0.00	57.86 3.58 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.21 2.72 0.00	45.31 2.36 0.00	42.39 1.79 0.00
KCE_NY_1 323755	41.34 2.12 0.00	39.29 1.94 0.00	37.78 1.76 0.00	37.57 1.72 0.00	38.23 1.82 0.00	42.74 2.19 0.00	56.45 2.89 0.00	64.43 3.41 0.00	57.19 2.93 0.00	43.21 2.02 0.00	40.77 1.83 0.00	38.98 1.68 0.00	36.48 1.50 0.00	36.43 1.47 0.00	35.13 1.42 0.00	35.97 1.55 0.00	39.38 1.84 0.00	46.08 2.28 0.00	57.37 3.09 0.00	66.70 3.42 0.00	63.03 3.11 0.00	50.96 2.47 0.00	45.01 2.06 0.00	42.51 1.91 0.00
KCE_NY_6_ESR 323823	37.30 -1.92 0.00	35.74 -1.60 0.00	34.80 -1.22 0.00	34.66 -1.18 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.34 -3.21 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.72 -2.47 0.00	36.99 -1.95 0.00	35.66 -1.64 0.00	33.12 -1.85 0.00	33.04 -1.92 0.00	31.86 -1.85 0.00	32.70 -1.72 0.00	35.58 -1.95 0.00	40.87 -2.93 0.00	50.64 -3.64 0.00	61.01 -2.28 0.00	57.70 -2.22 0.00	46.46 -2.03 0.00	41.48 -1.46 0.00	40.12 -0.49 0.00
KEDC_PORT_JEFF_GT2 24210	41.81 2.59 0.00	39.96 2.61 0.00	37.93 1.91 0.00	37.57 1.72 0.00	38.34 1.93 0.00	43.60 3.04 -0.01	56.99 3.43 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.77 3.58 0.00	42.17 3.23 0.00	40.14 2.83 0.00	37.49 2.52 0.00	37.59 2.62 0.00	36.21 2.49 0.00	37.18 2.75 0.00	40.88 3.34 0.00	48.19 4.38 -0.01	59.38 5.10 0.00	67.08 3.80 0.00	64.35 4.43 0.00	51.84 3.34 0.00	46.26 3.31 -0.01	43.12 2.52 0.00
KEDC_PORT_JEFF_GT3 24211	41.81 2.59 0.00	39.96 2.61 0.00	37.93 1.91 0.00	37.57 1.72 0.00	38.34 1.93 0.00	43.60 3.04 -0.01	56.99 3.43 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.77 3.58 0.00	42.17 3.23 0.00	40.14 2.83 0.00	37.49 2.52 0.00	37.59 2.62 0.00	36.21 2.49 0.00	37.18 2.75 0.00	40.88 3.34 0.00	48.19 4.38 -0.01	59.38 5.10 0.00	67.08 3.80 0.00	64.35 4.43 0.00	51.84 3.34 0.00	46.26 3.31 -0.01	43.12 2.52 0.00
KEDC_GLWD_GT4 24219	41.65 2.43 0.00	39.66 2.32 0.00	37.86 1.84 0.00	37.49 1.65 0.00	38.20 1.78 0.00	43.08 2.52 -0.01	56.82 3.27 0.00	65.28 4.27 0.00	58.12 3.85 0.00	44.44 3.25 0.00	41.90 2.96 0.00	39.99 2.69 0.00	37.39 2.41 0.00	37.38 2.41 0.00	36.07 2.36 0.00	36.94 2.51 0.00	40.54 3.00 0.00	47.62 3.81 -0.01	58.62 4.34 0.00	67.28 3.99 0.00	64.00 4.08 0.00	51.64 3.15 0.00	45.96 3.01 -0.01	42.92 2.31 0.00
KEDC_GLWD_GT5 24220	41.65 2.43 0.00	39.66 2.32 0.00	37.86 1.84 0.00	37.49 1.65 0.00	38.20 1.78 0.00	43.08 2.52 -0.01	56.82 3.27 0.00	65.28 4.27 0.00	58.12 3.85 0.00	44.44 3.25 0.00	41.90 2.96 0.00	39.99 2.69 0.00	37.39 2.41 0.00	37.38 2.41 0.00	36.07 2.36 0.00	36.94 2.51 0.00	40.54 3.00 0.00	47.62 3.81 -0.01	58.62 4.34 0.00	67.28 3.99 0.00	64.00 4.08 0.00	51.64 3.15 0.00	45.96 3.01 -0.01	42.92 2.31 0.00

KENSICO____ 23655	41.02 1.80 0.00	38.95 1.61 0.00	37.39 1.37 0.00	37.14 1.29 0.00	37.80 1.38 0.00	42.30 1.74 0.00	56.18 2.62 0.00	64.43 3.42 0.00	57.36 3.09 0.00	43.74 2.55 0.00	41.24 2.30 0.00	39.43 2.13 0.00	36.97 1.99 0.00	36.89 1.92 0.00	35.64 1.92 0.00	36.42 2.00 0.00	39.86 2.33 0.00	46.70 2.89 0.00	57.53 3.26 0.00	66.64 3.35 0.00	63.10 3.18 0.00	50.92 2.42 0.00	45.09 2.15 0.00	42.19 1.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.91 1.69 0.00	38.80 1.46 0.00	37.28 1.26 0.00	37.06 1.22 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.07 2.52 0.00	64.18 3.17 0.00	56.92 2.66 0.00	43.33 2.14 0.00	40.73 1.79 0.00	38.94 1.64 0.00	36.51 1.54 0.00	36.47 1.50 0.00	35.23 1.52 0.00	36.01 1.58 0.00	39.49 1.95 0.00	46.39 2.58 0.00	57.37 3.09 0.00	66.77 3.48 0.00	63.10 3.18 0.00	50.87 2.38 0.00	45.05 2.10 0.00	42.19 1.58 0.00
KIAC_JFK_GT1 23816	40.99 1.76 0.00	38.91 1.57 0.00	37.28 1.26 0.00	36.99 1.15 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.29 2.73 0.00	64.61 3.60 0.00	57.52 3.26 0.00	43.99 2.80 0.00	41.43 2.49 0.00	39.65 2.35 0.00	37.18 2.20 0.00	37.10 2.13 0.00	35.84 2.12 0.00	36.59 2.17 0.00	40.09 2.55 0.00	46.96 3.15 0.00	57.81 3.53 0.00	67.02 3.73 0.00	63.46 3.54 0.00	51.16 2.67 0.00	45.26 2.32 0.00	42.19 1.58 0.00
KIAC_JFK_GT2 23817	40.99 1.76 0.00	38.91 1.57 0.00	37.28 1.26 0.00	36.99 1.15 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.29 2.73 0.00	64.61 3.60 0.00	57.52 3.26 0.00	43.99 2.80 0.00	41.43 2.49 0.00	39.65 2.35 0.00	37.18 2.20 0.00	37.10 2.13 0.00	35.84 2.12 0.00	36.59 2.17 0.00	40.09 2.55 0.00	46.96 3.15 0.00	57.81 3.53 0.00	67.02 3.73 0.00	63.46 3.54 0.00	51.16 2.67 0.00	45.26 2.32 0.00	42.19 1.58 0.00
KIAC_JFK____ 323774	40.99 1.77 0.00	38.95 1.60 0.00	37.28 1.26 0.00	36.92 1.07 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.29 2.73 0.00	64.55 3.54 0.00	57.52 3.26 0.00	43.99 2.80 0.00	41.44 2.49 0.00	39.65 2.35 0.00	37.18 2.20 0.00	37.10 2.13 0.00	35.84 2.13 0.00	36.59 2.17 0.00	40.09 2.55 0.00	46.96 3.16 0.00	57.80 3.53 0.00	67.02 3.73 0.00	63.39 3.47 0.00	51.16 2.67 0.00	45.26 2.32 0.00	42.31 1.71 0.00
KINTIGH____ 23543	36.98 -2.24 0.00	35.44 -1.90 0.00	34.44 -1.58 0.00	34.38 -1.47 0.00	34.70 -1.71 0.00	38.36 -2.19 0.00	49.91 -3.64 0.00	56.62 -4.39 0.00	50.36 -3.91 0.00	38.43 -2.76 0.00	36.68 -2.26 0.00	35.29 -2.01 0.00	32.84 -2.13 0.00	32.83 -2.13 0.00	31.59 -2.12 0.00	32.46 -1.96 0.00	35.21 -2.33 0.00	40.69 -3.11 0.00	50.42 -3.85 0.00	60.37 -2.91 0.00	56.98 -2.94 0.00	45.78 -2.72 0.00	40.84 -2.10 0.00	39.27 -1.34 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.00 -1.22 0.00	36.49 -0.86 0.00	35.30 -0.72 0.00	35.31 -0.54 0.00	35.87 -0.55 0.00	40.11 -0.45 0.00	52.75 -0.80 0.00	58.88 -2.14 0.00	52.74 -1.52 0.00	39.58 -1.61 0.00	37.27 -1.67 0.00	35.55 -1.75 0.00	33.40 -1.57 0.00	33.43 -1.54 0.00	32.33 -1.38 0.00	32.94 -1.48 0.00	36.15 -1.39 0.00	42.71 -1.10 0.00	53.52 -0.76 0.00	62.08 -1.20 0.00	59.32 -0.60 0.00	48.93 0.44 0.00	43.33 0.39 0.00	41.05 0.45 0.00
LACHUTE__HYDRO 323717	42.67 3.45 0.00	40.48 3.14 0.00	38.90 2.88 0.00	38.68 2.83 0.00	39.51 3.09 0.00	44.36 3.81 0.00	58.81 5.25 0.00	67.05 6.04 0.00	59.09 4.83 0.00	44.28 3.09 0.00	41.78 2.84 0.00	39.91 2.61 0.00	37.14 2.17 0.00	36.89 1.92 0.00	35.67 1.95 0.00	36.59 2.17 0.00	40.09 2.55 0.00	47.09 3.29 0.00	59.27 4.99 0.00	69.49 6.21 0.00	65.55 5.63 0.00	52.86 4.37 0.00	46.42 3.48 0.00	43.89 3.29 0.00
LAWRNCALV_115KV_TB1 80681	38.28 -0.94 0.00	36.52 -0.82 0.00	35.30 -0.72 0.00	35.16 -0.68 0.00	35.76 -0.66 0.00	39.98 -0.57 0.00	52.70 -0.86 0.00	59.55 -1.46 0.00	52.80 -1.47 0.00	39.87 -1.32 0.00	37.66 -1.29 0.00	35.96 -1.34 0.00	33.72 -1.26 0.00	33.74 -1.22 0.00	32.60 -1.11 0.00	33.08 -1.34 0.00	36.15 -1.39 0.00	42.45 -1.36 0.00	52.92 -1.36 0.00	61.96 -1.33 0.00	58.90 -1.02 0.00	48.01 -0.48 0.00	42.56 -0.39 0.00	40.36 -0.24 0.00
LEDERLE____ 23769	40.83 1.61 0.00	38.76 1.42 0.00	37.24 1.22 0.00	37.03 1.18 0.00	37.65 1.24 0.00	42.09 1.54 0.00	55.97 2.41 0.00	64.12 3.11 0.00	57.09 2.82 0.00	43.54 2.35 0.00	41.00 2.06 0.00	39.24 1.94 0.00	36.79 1.82 0.00	36.71 1.75 0.00	35.47 1.75 0.00	36.25 1.82 0.00	39.64 2.10 0.00	46.43 2.63 0.00	57.26 2.99 0.00	66.45 3.16 0.00	62.86 2.94 0.00	50.72 2.23 0.00	44.92 1.98 0.00	42.03 1.42 0.00
LIGHTHSE_115KV_TB6 355974	38.67 -0.55 0.00	36.82 -0.52 0.00	35.59 -0.43 0.00	35.38 -0.47 0.00	35.94 -0.47 0.00	40.02 -0.53 0.00	53.02 -0.54 0.00	60.40 -0.61 0.00	53.56 -0.71 0.00	40.53 -0.66 0.00	38.32 -0.62 0.00	36.67 -0.63 0.00	34.27 -0.70 0.00	34.30 -0.66 0.00	33.04 -0.67 0.00	33.60 -0.83 0.00	36.56 -0.98 0.00	42.75 -1.05 0.00	53.19 -1.09 0.00	62.59 -0.70 0.00	59.14 -0.78 0.00	47.72 -0.78 0.00	42.26 -0.69 0.00	40.20 -0.41 0.00
LINDEN COGEN____ 23786	40.91 1.69 0.00	38.88 1.53 0.00	37.28 1.26 0.00	36.96 1.11 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.23 2.68 0.00	64.36 3.35 0.00	57.36 3.09 0.00	43.83 2.64 0.00	41.32 2.38 0.00	39.54 2.24 0.00	37.07 2.10 0.00	36.99 2.03 0.00	35.70 1.99 0.00	36.49 2.07 0.00	39.90 2.37 0.00	46.78 2.98 0.00	57.48 3.20 0.00	66.57 3.29 0.00	62.97 3.05 0.00	50.92 2.42 0.00	45.09 2.15 0.00	42.19 1.58 0.00
LINDHRST_69_KV_BK1 356055	41.85 2.63 0.00	39.70 2.35 0.00	38.00 1.98 0.00	37.71 1.86 0.00	38.38 1.97 0.00	43.43 2.88 0.00	57.09 3.53 0.00	65.77 4.76 0.00	58.55 4.29 0.00	44.73 3.54 0.00	42.10 3.15 0.00	40.14 2.83 0.00	37.46 2.48 0.00	37.41 2.45 0.00	36.18 2.46 0.00	37.11 2.69 0.00	40.84 3.30 0.00	47.97 4.16 0.00	59.11 4.83 0.00	67.53 4.24 0.00	64.47 4.55 0.00	51.93 3.44 0.00	46.25 3.31 0.00	43.00 2.40 0.00
LIPA_MISC_IPP 23656	41.53 2.31 0.00	39.36 2.02 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.09 1.68 0.00	43.43 2.88 0.00	56.61 3.05 0.00	65.28 4.27 0.00	58.50 4.23 0.00	44.65 3.46 0.00	41.94 3.00 0.00	39.91 2.61 0.00	37.28 2.31 0.00	37.27 2.31 0.00	36.04 2.33 0.00	37.01 2.58 0.00	40.69 3.15 0.00	47.88 4.07 0.00	58.95 4.67 0.00	66.26 2.97 0.00	63.81 3.89 0.00	51.45 2.96 0.00	45.91 2.96 0.00	42.64 2.03 0.00
LISF__SOLAR 323691	41.57 2.35 0.00	39.77 2.43 0.00	37.71 1.69 0.00	37.35 1.51 0.00	38.16 1.75 0.00	43.52 2.96 -0.01	56.66 3.11 0.00	65.34 4.33 0.00	58.61 4.34 0.00	44.61 3.42 0.00	41.98 3.04 0.00	39.95 2.65 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.98 4.16 -0.01	59.11 4.83 0.00	66.32 3.04 0.00	63.87 3.95 0.00	51.50 3.01 0.00	46.00 3.05 -0.01	42.88 2.27 0.00

LITTLE FALLS___HYD 24013	38.59 -0.63 0.00	36.67 -0.67 0.00	35.41 -0.61 0.00	35.27 -0.57 0.00	35.90 -0.51 0.00	40.07 -0.49 0.00	52.97 -0.59 0.00	60.34 -0.67 0.00	53.56 -0.71 0.00	40.57 -0.62 0.00	38.24 -0.70 0.00	36.63 -0.67 0.00	34.27 -0.70 0.00	34.30 -0.66 0.00	33.04 -0.67 0.00	33.74 -0.69 0.00	36.82 -0.71 0.00	43.06 -0.74 0.00	53.57 -0.71 0.00	62.72 -0.57 0.00	59.38 -0.54 0.00	48.10 -0.39 0.00	42.60 -0.34 0.00	40.28 -0.32 0.00
LITTLRIV_115KV_TB1 356100	38.71 -0.51 0.00	36.93 -0.41 0.00	35.73 -0.29 0.00	35.59 -0.25 0.00	36.20 -0.22 0.00	40.51 -0.04 0.00	53.40 -0.16 0.00	60.34 -0.67 0.00	53.40 -0.87 0.00	40.24 -0.95 0.00	37.97 -0.97 0.00	36.22 -1.08 0.00	33.93 -1.05 0.00	33.99 -0.98 0.00	32.84 -0.88 0.00	33.36 -1.07 0.00	36.45 -1.09 0.00	42.88 -0.92 0.00	53.63 -0.65 0.00	62.97 -0.32 0.00	59.74 -0.18 0.00	48.69 0.19 0.00	43.16 0.21 0.00	40.89 0.28 0.00
LI_NEWBRDGE___DRP 323616	41.30 2.08 0.00	39.17 1.83 0.00	37.53 1.51 0.00	37.24 1.40 0.00	37.91 1.49 0.00	42.74 2.19 0.00	56.29 2.73 0.00	64.73 3.72 0.00	57.63 3.36 0.00	44.11 2.92 0.00	41.55 2.61 0.00	39.65 2.35 0.00	37.07 2.10 0.00	36.99 2.03 0.00	35.77 2.06 0.00	36.66 2.24 0.00	40.28 2.74 0.00	47.22 3.42 0.00	58.08 3.80 0.00	66.58 3.29 0.00	63.40 3.48 0.00	51.16 2.67 0.00	45.52 2.58 0.00	42.39 1.79 0.00
LOCKPORT_115KV_TB60_63_64 80432	36.63 -2.59 0.00	35.18 -2.17 0.00	34.22 -1.80 0.00	34.12 -1.72 0.00	34.45 -1.97 0.00	38.04 -2.51 0.00	49.38 -4.18 0.00	55.95 -5.06 0.00	49.71 -4.56 0.00	37.94 -3.25 0.00	36.21 -2.73 0.00	34.92 -2.39 0.00	32.42 -2.55 0.00	32.41 -2.55 0.00	31.19 -2.53 0.00	32.05 -2.38 0.00	34.76 -2.78 0.00	40.12 -3.68 0.00	49.83 -4.45 0.00	60.06 -3.23 0.00	56.68 -3.24 0.00	45.49 -3.01 0.00	40.67 -2.28 0.00	39.22 -1.38 0.00
LOCKPORT___CC1 323769	36.63 -2.59 0.00	35.07 -2.28 0.00	34.18 -1.84 0.00	34.05 -1.79 0.00	34.45 -1.97 0.00	38.04 -2.51 0.00	49.27 -4.29 0.00	55.89 -5.12 0.00	49.65 -4.61 0.00	37.89 -3.30 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.34 -2.62 0.00	31.15 -2.56 0.00	32.01 -2.41 0.00	34.91 -2.63 0.00	40.08 -3.72 0.00	49.55 -4.72 0.00	59.68 -3.60 0.00	56.44 -3.48 0.00	45.34 -3.15 0.00	40.54 -2.40 0.00	39.18 -1.42 0.00
LOCKPORT___CC2 323770	36.63 -2.59 0.00	35.07 -2.28 0.00	34.18 -1.84 0.00	34.05 -1.79 0.00	34.45 -1.97 0.00	38.04 -2.51 0.00	49.27 -4.29 0.00	55.89 -5.12 0.00	49.65 -4.61 0.00	37.89 -3.30 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.34 -2.62 0.00	31.15 -2.56 0.00	32.01 -2.41 0.00	34.91 -2.63 0.00	40.08 -3.72 0.00	49.55 -4.72 0.00	59.68 -3.60 0.00	56.44 -3.48 0.00	45.34 -3.15 0.00	40.54 -2.40 0.00	39.18 -1.42 0.00
LOCKPORT___CC3 323771	36.63 -2.59 0.00	35.07 -2.28 0.00	34.18 -1.84 0.00	34.05 -1.79 0.00	34.45 -1.97 0.00	38.04 -2.51 0.00	49.27 -4.29 0.00	55.89 -5.12 0.00	49.65 -4.61 0.00	37.89 -3.30 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.34 -2.62 0.00	31.15 -2.56 0.00	32.01 -2.41 0.00	34.91 -2.63 0.00	40.08 -3.72 0.00	49.55 -4.72 0.00	59.68 -3.60 0.00	56.44 -3.48 0.00	45.34 -3.15 0.00	40.54 -2.40 0.00	39.18 -1.42 0.00
LONG_LAKE_PHOENIX 24014	38.51 -0.71 0.00	36.71 -0.63 0.00	35.44 -0.58 0.00	35.27 -0.57 0.00	35.79 -0.62 0.00	39.78 -0.77 0.00	52.59 -0.96 0.00	59.91 -1.10 0.00	53.29 -0.98 0.00	40.45 -0.74 0.00	38.32 -0.62 0.00	36.78 -0.52 0.00	34.45 -0.52 0.00	34.44 -0.52 0.00	33.14 -0.57 0.00	33.87 -0.55 0.00	36.82 -0.71 0.00	42.84 -0.96 0.00	53.19 -1.09 0.00	62.27 -1.01 0.00	58.84 -1.08 0.00	47.52 -0.97 0.00	42.04 -0.90 0.00	39.83 -0.77 0.00
LOVETT___3 23632	40.75 1.53 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.92 1.08 0.00	37.54 1.13 0.00	42.01 1.46 0.00	55.81 2.25 0.00	63.94 2.93 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.89 1.95 0.00	39.13 1.83 0.00	36.69 1.71 0.00	36.61 1.64 0.00	35.37 1.65 0.00	36.14 1.72 0.00	39.53 1.99 0.00	46.30 2.50 0.00	57.05 2.77 0.00	66.13 2.85 0.00	62.62 2.70 0.00	50.58 2.09 0.00	44.75 1.80 0.00	41.90 1.30 0.00
LOVETT___4 23642	40.75 1.53 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.92 1.08 0.00	37.54 1.13 0.00	42.01 1.46 0.00	55.81 2.25 0.00	63.94 2.93 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.89 1.95 0.00	39.13 1.83 0.00	36.69 1.71 0.00	36.61 1.64 0.00	35.37 1.65 0.00	36.14 1.72 0.00	39.53 1.99 0.00	46.30 2.50 0.00	57.05 2.77 0.00	66.13 2.85 0.00	62.62 2.70 0.00	50.58 2.09 0.00	44.75 1.80 0.00	41.90 1.30 0.00
LOVETT___5 23593	40.75 1.53 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.92 1.08 0.00	37.54 1.13 0.00	42.01 1.46 0.00	55.81 2.25 0.00	63.94 2.93 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.89 1.95 0.00	39.13 1.83 0.00	36.69 1.71 0.00	36.61 1.64 0.00	35.37 1.65 0.00	36.14 1.72 0.00	39.53 1.99 0.00	46.30 2.50 0.00	57.05 2.77 0.00	66.13 2.85 0.00	62.62 2.70 0.00	50.58 2.09 0.00	44.75 1.80 0.00	41.90 1.30 0.00
LOWER RAQUET___HYD 24057	38.08 -1.14 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	35.02 -0.82 0.00	35.58 -0.84 0.00	39.82 -0.73 0.00	52.54 -1.02 0.00	59.42 -1.59 0.00	52.53 -1.74 0.00	39.62 -1.57 0.00	37.42 -1.52 0.00	35.74 -1.57 0.00	33.51 -1.47 0.00	33.53 -1.44 0.00	32.40 -1.32 0.00	32.88 -1.55 0.00	35.89 -1.65 0.00	42.18 -1.62 0.00	52.65 -1.63 0.00	61.64 -1.65 0.00	58.60 -1.32 0.00	47.81 -0.68 0.00	42.38 -0.56 0.00	40.24 -0.37 0.00
LOWER___HUDSON 24059	40.83 1.61 0.00	38.80 1.46 0.00	37.31 1.29 0.00	37.06 1.22 0.00	37.72 1.31 0.00	42.18 1.62 0.00	55.59 2.03 0.00	63.45 2.44 0.00	56.49 2.23 0.00	42.79 1.60 0.00	40.34 1.40 0.00	38.61 1.30 0.00	36.23 1.26 0.00	36.22 1.26 0.00	34.93 1.21 0.00	35.70 1.27 0.00	39.08 1.54 0.00	45.69 1.88 0.00	56.61 2.33 0.00	65.56 2.27 0.00	62.02 2.10 0.00	50.19 1.70 0.00	44.36 1.42 0.00	41.94 1.34 0.00
LOWVILLE_115KV_TB2 356335	38.98 -0.24 0.00	37.12 -0.22 0.00	35.88 -0.14 0.00	35.63 -0.22 0.00	36.27 -0.15 0.00	40.55 0.00 0.00	53.77 0.21 0.00	61.38 0.37 0.00	54.21 -0.05 0.00	40.86 -0.33 0.00	38.47 -0.47 0.00	36.71 -0.60 0.00	34.20 -0.77 0.00	34.30 -0.66 0.00	33.07 -0.64 0.00	33.32 -1.10 0.00	36.41 -1.13 0.00	42.84 -0.96 0.00	53.52 -0.76 0.00	63.16 -0.13 0.00	59.68 -0.24 0.00	48.30 -0.19 0.00	43.12 0.17 0.00	41.21 0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.34 2.12 0.00	39.25 1.90 0.00	37.75 1.73 0.00	37.53 1.68 0.00	38.23 1.82 0.00	42.74 2.19 0.00	56.45 2.89 0.00	64.43 3.42 0.00	57.19 2.93 0.00	43.21 2.02 0.00	40.73 1.79 0.00	38.98 1.68 0.00	36.48 1.50 0.00	36.40 1.43 0.00	35.13 1.42 0.00	35.94 1.51 0.00	39.38 1.84 0.00	46.04 2.23 0.00	56.83 2.55 0.00	66.01 2.72 0.00	62.44 2.52 0.00	50.48 1.99 0.00	44.58 1.63 0.00	42.07 1.46 0.00

LUTHERNY_35_KV_BK2 355980	41.34 2.12 0.00	39.29 1.94 0.00	37.78 1.76 0.00	37.57 1.72 0.00	38.23 1.82 0.00	42.74 2.19 0.00	56.50 2.95 0.00	64.49 3.48 0.00	57.19 2.93 0.00	43.21 2.02 0.00	40.77 1.83 0.00	38.98 1.68 0.00	36.48 1.50 0.00	36.40 1.43 0.00	35.13 1.42 0.00	35.97 1.55 0.00	39.38 1.84 0.00	46.08 2.28 0.00	56.88 2.61 0.00	66.07 2.78 0.00	62.50 2.58 0.00	50.53 2.04 0.00	44.62 1.67 0.00	42.11 1.50 0.00
LWR__OSWEGATCHIE_HYD 23850	38.16 -1.06 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	34.95 -0.90 0.00	35.58 -0.84 0.00	39.78 -0.77 0.00	52.65 -0.91 0.00	59.73 -1.28 0.00	52.85 -1.41 0.00	39.83 -1.36 0.00	37.54 -1.40 0.00	35.85 -1.45 0.00	33.51 -1.47 0.00	33.57 -1.40 0.00	32.40 -1.31 0.00	32.63 -1.79 0.00	35.62 -1.91 0.00	41.92 -1.88 0.00	52.38 -1.90 0.00	61.64 -1.65 0.00	58.42 -1.50 0.00	47.47 -1.02 0.00	42.17 -0.77 0.00	40.28 -0.32 0.00
LYONS_FALL_HYD 23570	39.38 0.16 0.00	37.46 0.11 0.00	36.20 0.18 0.00	35.95 0.11 0.00	36.60 0.18 0.00	40.84 0.29 0.00	54.20 0.64 0.00	61.93 0.92 0.00	54.81 0.54 0.00	41.40 0.21 0.00	38.98 0.04 0.00	37.27 -0.04 0.00	34.69 -0.28 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	33.98 -0.45 0.00	37.13 -0.41 0.00	43.59 -0.22 0.00	54.28 0.00 0.00	63.92 0.63 0.00	60.40 0.48 0.00	48.83 0.34 0.00	43.46 0.52 0.00	41.29 0.69 0.00
MADISON__COUNTY_LFGE 323628	40.08 0.86 0.00	38.17 0.82 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.53 0.97 0.00	55.00 1.45 0.00	62.72 1.71 0.00	55.67 1.41 0.00	42.14 0.95 0.00	39.80 0.86 0.00	38.09 0.78 0.00	35.53 0.56 0.00	35.56 0.59 0.00	34.25 0.54 0.00	35.01 0.59 0.00	38.18 0.64 0.00	44.68 0.88 0.00	55.63 1.36 0.00	65.37 2.09 0.00	61.72 1.80 0.00	49.85 1.36 0.00	44.10 1.16 0.00	41.66 1.06 0.00
MALONE__115KV_TB1 356076	38.28 -0.94 0.00	36.60 -0.75 0.00	35.41 -0.61 0.00	35.34 -0.50 0.00	35.94 -0.47 0.00	40.19 -0.36 0.00	52.91 -0.64 0.00	59.67 -1.34 0.00	53.02 -1.25 0.00	39.91 -1.28 0.00	37.66 -1.29 0.00	35.96 -1.34 0.00	33.75 -1.22 0.00	33.78 -1.19 0.00	32.67 -1.05 0.00	33.25 -1.17 0.00	36.37 -1.16 0.00	42.84 -0.96 0.00	53.57 -0.71 0.00	62.59 -0.70 0.00	59.62 -0.30 0.00	48.73 0.24 0.00	43.16 0.21 0.00	40.89 0.28 0.00
MAPLEWOD_115KV_TB3 80458	40.51 1.29 0.00	38.50 1.16 0.00	37.03 1.01 0.00	36.81 0.97 0.00	37.43 1.02 0.00	41.81 1.26 0.00	55.16 1.61 0.00	63.33 2.32 0.00	56.33 2.06 0.00	42.67 1.48 0.00	40.23 1.29 0.00	38.57 1.27 0.00	36.20 1.22 0.00	36.19 1.22 0.00	34.90 1.18 0.00	35.70 1.27 0.00	39.00 1.46 0.00	45.51 1.71 0.00	56.39 2.12 0.00	65.37 2.09 0.00	61.90 1.98 0.00	50.09 1.60 0.00	44.23 1.29 0.00	41.70 1.10 0.00
MAPLE_RIDGE_WT_1 323574	38.28 -0.94 0.00	36.45 -0.90 0.00	35.16 -0.86 0.00	34.98 -0.86 0.00	35.54 -0.87 0.00	39.62 -0.93 0.00	52.33 -1.23 0.00	59.55 -1.46 0.00	52.96 -1.30 0.00	40.12 -1.07 0.00	37.89 -1.05 0.00	36.30 -1.01 0.00	34.03 -0.94 0.00	34.02 -0.94 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.60 -0.94 0.00	42.84 -0.96 0.00	53.30 -0.98 0.00	62.27 -1.02 0.00	59.08 -0.84 0.00	47.91 -0.58 0.00	42.47 -0.47 0.00	40.20 -0.41 0.00
MAPLE_RIDGE_WT_2 323611	38.28 -0.94 0.00	36.45 -0.90 0.00	35.16 -0.86 0.00	34.98 -0.86 0.00	35.54 -0.87 0.00	39.62 -0.93 0.00	52.33 -1.23 0.00	59.55 -1.46 0.00	52.96 -1.30 0.00	40.12 -1.07 0.00	37.89 -1.05 0.00	36.30 -1.01 0.00	34.03 -0.94 0.00	34.02 -0.94 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.60 -0.94 0.00	42.84 -0.96 0.00	53.30 -0.98 0.00	62.27 -1.02 0.00	59.08 -0.84 0.00	47.91 -0.58 0.00	42.47 -0.47 0.00	40.20 -0.41 0.00
MARBLE_RIVER_WT_PWR 323696	37.30 -1.92 0.00	35.85 -1.49 0.00	34.72 -1.30 0.00	34.77 -1.07 0.00	35.32 -1.09 0.00	39.46 -1.09 0.00	51.90 -1.66 0.00	58.87 -2.14 0.00	51.82 -2.44 0.00	38.80 -2.39 0.00	36.45 -2.49 0.00	34.73 -2.57 0.00	32.59 -2.38 0.00	32.62 -2.34 0.00	31.56 -2.16 0.00	32.19 -2.24 0.00	35.36 -2.18 0.00	41.83 -1.97 0.00	52.65 -1.63 0.00	60.88 -2.40 0.00	58.24 -1.68 0.00	48.30 -0.19 0.00	42.77 -0.17 0.00	40.56 -0.04 0.00
MARSHVLE_115KV_TB1 80742	41.97 2.75 0.00	39.85 2.50 0.00	38.36 2.34 0.00	38.17 2.33 0.00	38.96 2.55 0.00	43.59 3.04 0.00	57.57 4.02 0.00	65.59 4.58 0.00	57.68 3.42 0.00	43.17 1.98 0.00	40.65 1.71 0.00	38.65 1.34 0.00	36.20 1.22 0.00	36.12 1.15 0.00	34.79 1.08 0.00	35.77 1.34 0.00	39.34 1.80 0.00	46.52 2.72 0.00	58.46 4.18 0.00	68.60 5.32 0.00	64.77 4.85 0.00	52.66 4.17 0.00	46.34 3.39 0.00	43.65 3.05 0.00
MARSH_HILL_WT_PWR 323713	37.50 -1.72 0.00	35.96 -1.38 0.00	34.80 -1.22 0.00	34.70 -1.15 0.00	35.07 -1.35 0.00	38.97 -1.58 0.00	51.52 -2.04 0.00	58.33 -2.68 0.00	51.93 -2.33 0.00	39.09 -2.10 0.00	37.07 -1.87 0.00	35.59 -1.72 0.00	33.09 -1.89 0.00	33.04 -1.92 0.00	31.79 -1.92 0.00	32.74 -1.69 0.00	35.81 -1.73 0.00	41.75 -2.06 0.00	52.10 -2.17 0.00	62.65 -0.63 0.00	59.32 -0.60 0.00	47.86 -0.63 0.00	42.43 -0.51 0.00	40.81 0.20 0.00
MCINTYRE_115KV_TB2 80467	39.18 -0.04 0.00	37.38 0.04 0.00	36.16 0.14 0.00	35.99 0.14 0.00	36.63 0.22 0.00	41.00 0.45 0.00	54.04 0.48 0.00	61.01 0.00 0.00	53.94 -0.33 0.00	40.61 -0.58 0.00	38.32 -0.62 0.00	36.56 -0.75 0.00	34.27 -0.70 0.00	34.30 -0.66 0.00	33.18 -0.54 0.00	33.70 -0.72 0.00	36.86 -0.68 0.00	43.41 -0.39 0.00	54.28 0.00 0.00	63.79 0.51 0.00	60.58 0.66 0.00	49.27 0.78 0.00	43.63 0.69 0.00	41.34 0.73 0.00
MECO____69_KV_BK1 80468	42.40 3.18 0.00	40.26 2.91 0.00	38.72 2.70 0.00	38.53 2.69 0.00	39.33 2.91 0.00	44.04 3.49 0.00	58.27 4.71 0.00	66.56 5.55 0.00	58.55 4.29 0.00	43.83 2.64 0.00	41.28 2.34 0.00	39.28 1.98 0.00	36.72 1.75 0.00	36.61 1.64 0.00	35.33 1.62 0.00	36.32 1.89 0.00	39.86 2.33 0.00	47.09 3.29 0.00	59.16 4.88 0.00	69.36 6.08 0.00	65.49 5.57 0.00	53.05 4.56 0.00	46.64 3.69 0.00	43.93 3.33 0.00
MENANDS__115KV_TB5 355628	40.36 1.14 0.00	38.35 1.01 0.00	36.88 0.86 0.00	36.67 0.82 0.00	37.29 0.87 0.00	41.65 1.09 0.00	54.89 1.34 0.00	62.90 1.89 0.00	56.05 1.79 0.00	42.47 1.28 0.00	40.07 1.13 0.00	38.42 1.12 0.00	36.06 1.08 0.00	36.08 1.12 0.00	34.79 1.08 0.00	35.56 1.14 0.00	38.85 1.31 0.00	45.25 1.45 0.00	56.07 1.79 0.00	64.93 1.65 0.00	61.42 1.50 0.00	49.75 1.26 0.00	43.93 0.99 0.00	41.46 0.85 0.00
MG INDUSTRY__DRP 24185	40.36 1.14 0.00	38.35 1.01 0.00	36.92 0.90 0.00	36.74 0.90 0.00	37.36 0.95 0.00	41.65 1.09 0.00	54.95 1.39 0.00	62.72 1.71 0.00	55.67 1.41 0.00	42.18 0.99 0.00	39.76 0.82 0.00	38.09 0.78 0.00	35.78 0.80 0.00	35.74 0.77 0.00	34.49 0.78 0.00	35.25 0.83 0.00	38.55 1.01 0.00	45.03 1.23 0.00	55.80 1.52 0.00	64.74 1.46 0.00	61.36 1.44 0.00	49.66 1.16 0.00	43.93 0.99 0.00	41.46 0.85 0.00

MID___OSWEGATCHIE_HYD 23849	38.16 -1.06 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	34.95 -0.90 0.00	35.58 -0.84 0.00	39.78 -0.77 0.00	52.65 -0.91 0.00	59.73 -1.28 0.00	52.85 -1.41 0.00	39.83 -1.36 0.00	37.54 -1.40 0.00	35.85 -1.45 0.00	33.51 -1.47 0.00	33.57 -1.40 0.00	32.40 -1.31 0.00	32.63 -1.79 0.00	35.62 -1.91 0.00	41.92 -1.88 0.00	52.38 -1.90 0.00	61.64 -1.65 0.00	58.42 -1.50 0.00	47.47 -1.02 0.00	42.17 -0.77 0.00	40.28 -0.32 0.00
MID___RAQUETTE_HYD 23851	38.08 -1.14 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.98 -0.86 0.00	35.58 -0.84 0.00	39.82 -0.73 0.00	52.48 -1.07 0.00	59.30 -1.71 0.00	52.53 -1.74 0.00	39.62 -1.57 0.00	37.42 -1.52 0.00	35.74 -1.57 0.00	33.51 -1.47 0.00	33.53 -1.43 0.00	32.40 -1.31 0.00	32.87 -1.55 0.00	35.89 -1.65 0.00	42.18 -1.62 0.00	52.65 -1.63 0.00	61.70 -1.58 0.00	58.60 -1.32 0.00	47.81 -0.68 0.00	42.39 -0.56 0.00	40.20 -0.41 0.00
MILLIKEN___1 23584	39.77 0.55 0.00	37.94 0.60 0.00	36.63 0.61 0.00	36.49 0.65 0.00	37.03 0.62 0.00	41.24 0.69 0.00	54.63 1.07 0.00	62.17 1.16 0.00	55.19 0.92 0.00	41.73 0.54 0.00	39.45 0.51 0.00	37.82 0.52 0.00	35.36 0.38 0.00	35.32 0.35 0.00	34.02 0.30 0.00	34.84 0.41 0.00	37.91 0.38 0.00	44.37 0.57 0.00	55.25 0.98 0.00	64.99 1.71 0.00	61.36 1.44 0.00	49.51 1.02 0.00	43.72 0.77 0.00	41.38 0.77 0.00
MILLIKEN___2 23585	39.77 0.55 0.00	37.94 0.60 0.00	36.63 0.61 0.00	36.49 0.65 0.00	37.03 0.62 0.00	41.24 0.69 0.00	54.63 1.07 0.00	62.17 1.16 0.00	55.19 0.92 0.00	41.73 0.54 0.00	39.45 0.51 0.00	37.82 0.52 0.00	35.36 0.38 0.00	35.32 0.35 0.00	34.02 0.30 0.00	34.84 0.41 0.00	37.91 0.38 0.00	44.37 0.57 0.00	55.25 0.98 0.00	64.99 1.71 0.00	61.36 1.44 0.00	49.51 1.02 0.00	43.72 0.77 0.00	41.38 0.77 0.00
MILLIKEN___DIESEL 23629	39.77 0.55 0.00	37.94 0.60 0.00	36.63 0.61 0.00	36.49 0.65 0.00	37.03 0.62 0.00	41.24 0.69 0.00	54.63 1.07 0.00	62.17 1.16 0.00	55.19 0.92 0.00	41.73 0.54 0.00	39.45 0.51 0.00	37.82 0.52 0.00	35.36 0.38 0.00	35.32 0.35 0.00	34.02 0.30 0.00	34.84 0.41 0.00	37.91 0.38 0.00	44.37 0.57 0.00	55.25 0.98 0.00	64.99 1.71 0.00	61.36 1.44 0.00	49.51 1.02 0.00	43.72 0.77 0.00	41.38 0.77 0.00
MILLSEAT___LFGE 323607	37.53 -1.69 0.00	35.96 -1.38 0.00	35.01 -1.01 0.00	34.88 -0.97 0.00	35.32 -1.09 0.00	39.05 -1.50 0.00	50.88 -2.68 0.00	57.84 -3.18 0.00	51.33 -2.93 0.00	39.05 -2.14 0.00	37.27 -1.67 0.00	35.77 -1.53 0.00	33.26 -1.71 0.00	33.18 -1.78 0.00	31.89 -1.82 0.00	32.88 -1.55 0.00	35.85 -1.69 0.00	41.35 -2.45 0.00	51.13 -3.15 0.00	61.71 -1.58 0.00	58.36 -1.56 0.00	46.75 -1.74 0.00	41.61 -1.33 0.00	40.08 -0.53 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.91 1.69 0.00	38.84 1.49 0.00	37.28 1.26 0.00	37.06 1.22 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.02 2.46 0.00	64.18 3.17 0.00	57.09 2.82 0.00	43.58 2.39 0.00	41.04 2.10 0.00	39.28 1.98 0.00	36.83 1.85 0.00	36.75 1.78 0.00	35.50 1.79 0.00	36.28 1.86 0.00	39.71 2.18 0.00	46.52 2.72 0.00	57.32 3.04 0.00	66.39 3.10 0.00	62.86 2.94 0.00	50.77 2.28 0.00	44.92 1.98 0.00	42.03 1.42 0.00
MILLWOOD_13_KV_LOAD 356217	40.99 1.76 0.00	38.91 1.57 0.00	37.35 1.33 0.00	37.14 1.29 0.00	37.76 1.35 0.00	42.21 1.66 0.00	56.13 2.57 0.00	64.24 3.23 0.00	57.25 2.98 0.00	43.66 2.47 0.00	41.12 2.18 0.00	39.39 2.09 0.00	36.90 1.92 0.00	36.85 1.89 0.00	35.57 1.85 0.00	36.35 1.93 0.00	39.79 2.25 0.00	46.61 2.80 0.00	57.43 3.15 0.00	66.58 3.29 0.00	62.98 3.06 0.00	50.87 2.38 0.00	45.05 2.10 0.00	42.15 1.54 0.00
MODEL_CITY_ENERGY 24167	36.32 -2.90 0.00	34.77 -2.58 0.00	33.89 -2.13 0.00	33.76 -2.08 0.00	34.16 -2.26 0.00	37.71 -2.84 0.00	48.79 -4.77 0.00	55.34 -5.67 0.00	49.16 -5.10 0.00	37.56 -3.62 0.00	35.86 -3.08 0.00	34.58 -2.72 0.00	32.14 -2.83 0.00	32.06 -2.90 0.00	30.88 -2.83 0.00	31.74 -2.69 0.00	34.61 -2.93 0.00	39.69 -4.12 0.00	49.01 -5.26 0.00	59.05 -4.24 0.00	55.84 -4.08 0.00	44.85 -3.64 0.00	40.11 -2.84 0.00	38.82 -1.79 0.00
MODERN_LFGE___ 323580	36.32 -2.90 0.00	34.77 -2.58 0.00	33.89 -2.13 0.00	33.76 -2.08 0.00	34.16 -2.26 0.00	37.71 -2.84 0.00	48.79 -4.77 0.00	55.34 -5.67 0.00	49.16 -5.10 0.00	37.56 -3.62 0.00	35.86 -3.08 0.00	34.58 -2.72 0.00	32.14 -2.83 0.00	32.06 -2.90 0.00	30.88 -2.83 0.00	31.74 -2.69 0.00	34.61 -2.93 0.00	39.69 -4.12 0.00	49.01 -5.26 0.00	59.05 -4.24 0.00	55.84 -4.08 0.00	44.85 -3.64 0.00	40.11 -2.84 0.00	38.82 -1.79 0.00
MOHAWK_PAPER___DRP 24187	40.51 1.29 0.00	38.50 1.16 0.00	37.03 1.01 0.00	36.81 0.97 0.00	37.43 1.02 0.00	41.81 1.26 0.00	55.16 1.61 0.00	63.33 2.32 0.00	56.33 2.06 0.00	42.67 1.48 0.00	40.23 1.29 0.00	38.57 1.27 0.00	36.20 1.22 0.00	36.19 1.22 0.00	34.90 1.18 0.00	35.70 1.27 0.00	39.00 1.46 0.00	45.51 1.71 0.00	56.39 2.12 0.00	65.37 2.09 0.00	61.90 1.98 0.00	50.09 1.60 0.00	44.23 1.29 0.00	41.70 1.10 0.00
MOHICAN___35_KV_115KV_LD 80490	41.69 2.47 0.00	39.59 2.24 0.00	38.04 2.02 0.00	37.85 2.01 0.00	38.56 2.15 0.00	43.19 2.64 0.00	57.14 3.59 0.00	65.22 4.21 0.00	57.79 3.53 0.00	43.54 2.35 0.00	41.08 2.14 0.00	39.28 1.98 0.00	36.69 1.71 0.00	36.57 1.61 0.00	35.30 1.58 0.00	36.14 1.72 0.00	39.60 2.06 0.00	46.39 2.58 0.00	56.77 2.50 0.00	66.01 2.72 0.00	62.38 2.46 0.00	50.38 1.89 0.00	44.45 1.50 0.00	41.90 1.30 0.00
MONGAUP___HYD 23641	40.75 1.53 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.92 1.07 0.00	37.54 1.13 0.00	41.97 1.42 0.00	55.54 1.98 0.00	62.54 1.53 0.00	55.40 1.14 0.00	42.92 1.73 0.00	40.38 1.44 0.00	38.61 1.30 0.00	36.23 1.26 0.00	36.19 1.22 0.00	34.93 1.21 0.00	35.70 1.27 0.00	39.15 1.61 0.00	45.99 2.19 0.00	56.72 2.44 0.00	65.56 2.27 0.00	62.44 2.52 0.00	50.33 1.84 0.00	44.88 1.93 0.00	42.11 1.50 0.00
MONTAUK___DIESEL 23721	41.30 2.08 0.00	39.17 1.83 0.00	37.50 1.48 0.00	37.31 1.47 0.00	38.13 1.71 0.00	43.55 3.00 0.00	56.66 3.11 0.00	65.40 4.39 0.00	58.60 4.34 0.00	44.61 3.42 0.00	41.55 2.61 0.00	39.39 2.09 0.00	36.72 1.75 0.00	36.71 1.75 0.00	35.50 1.79 0.00	36.42 2.00 0.00	39.86 2.33 0.00	46.96 3.15 0.00	58.08 3.80 0.00	64.99 1.71 0.00	62.92 3.00 0.00	51.01 2.52 0.00	45.86 2.92 0.00	43.00 2.40 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.71 -2.51 0.00	35.25 -2.09 0.00	34.33 -1.69 0.00	34.34 -1.51 0.00	34.78 -1.64 0.00	38.56 -1.99 0.00	50.72 -2.84 0.00	57.72 -3.29 0.00	51.22 -3.04 0.00	38.80 -2.39 0.00	36.88 -2.06 0.00	35.44 -1.87 0.00	32.95 -2.03 0.00	32.87 -2.10 0.00	31.66 -2.06 0.00	32.50 -1.93 0.00	35.21 -2.33 0.00	40.83 -2.98 0.00	51.24 -3.04 0.00	62.40 -0.89 0.00	59.32 -0.60 0.00	48.01 -0.48 0.00	42.86 -0.09 0.00	41.25 0.65 0.00

MORRIS_RIDGE___SOLAR 323848	36.94 -2.28 0.00	35.40 -1.94 0.00	34.36 -1.66 0.00	34.23 -1.61 0.00	34.67 -1.75 0.00	38.53 -2.03 0.00	50.61 -2.95 0.00	57.29 -3.72 0.00	50.85 -3.42 0.00	38.47 -2.72 0.00	36.49 -2.45 0.00	35.03 -2.28 0.00	32.59 -2.38 0.00	32.52 -2.45 0.00	31.32 -2.39 0.00	32.15 -2.27 0.00	35.17 -2.36 0.00	40.87 -2.93 0.00	50.91 -3.37 0.00	61.20 -2.09 0.00	58.00 -1.92 0.00	46.75 -1.74 0.00	41.61 -1.33 0.00	40.08 -0.53 0.00
MORTIMER_115KV_TB3 55949	37.93 -1.29 0.00	36.26 -1.08 0.00	35.19 -0.83 0.00	35.06 -0.79 0.00	35.50 -0.91 0.00	39.34 -1.22 0.00	51.52 -2.04 0.00	58.57 -2.44 0.00	52.15 -2.12 0.00	39.67 -1.52 0.00	37.81 -1.13 0.00	36.26 -1.04 0.00	33.82 -1.15 0.00	33.81 -1.15 0.00	32.50 -1.21 0.00	33.43 -1.00 0.00	36.30 -1.24 0.00	42.10 -1.71 0.00	52.16 -2.12 0.00	62.21 -1.08 0.00	58.72 -1.20 0.00	47.13 -1.36 0.00	41.83 -1.12 0.00	39.96 -0.65 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	41.18 1.96 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.94 1.53 0.00	42.42 1.87 0.00	56.50 2.95 0.00	64.73 3.72 0.00	57.68 3.42 0.00	44.03 2.84 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.13 2.17 0.00	35.87 2.16 0.00	36.63 2.20 0.00	40.13 2.59 0.00	47.00 3.20 0.00	57.86 3.58 0.00	67.02 3.73 0.00	63.40 3.48 0.00	51.21 2.72 0.00	45.31 2.36 0.00	42.35 1.75 0.00
MUNSVILLE_WIND_PWR 323609	41.61 2.39 0.00	39.66 2.32 0.00	38.36 2.34 0.00	38.07 2.22 0.00	38.78 2.37 0.00	43.27 2.72 0.00	57.68 4.12 0.00	65.46 4.45 0.00	57.74 3.48 0.00	43.41 2.22 0.00	40.73 1.79 0.00	38.94 1.64 0.00	36.06 1.09 0.00	36.19 1.22 0.00	34.79 1.08 0.00	35.87 1.45 0.00	39.27 1.73 0.00	46.30 2.50 0.00	58.13 3.85 0.00	69.36 6.08 0.00	65.32 5.40 0.00	52.66 4.17 0.00	46.42 3.48 0.00	43.73 3.13 0.00
N SALMON___HYD 24042	38.28 -0.94 0.00	36.60 -0.75 0.00	35.41 -0.61 0.00	35.34 -0.50 0.00	35.94 -0.47 0.00	40.19 -0.37 0.00	52.92 -0.64 0.00	60.10 -0.91 0.00	53.02 -1.25 0.00	39.91 -1.28 0.00	37.66 -1.28 0.00	35.96 -1.34 0.00	33.75 -1.23 0.00	33.78 -1.19 0.00	32.67 -1.05 0.00	33.25 -1.17 0.00	36.37 -1.16 0.00	42.84 -0.96 0.00	53.57 -0.71 0.00	62.53 -0.76 0.00	59.62 -0.30 0.00	48.74 0.24 0.00	43.16 0.22 0.00	40.89 0.29 0.00
N.AKRON__115KV_KNAPP 355671	37.42 -1.80 0.00	35.93 -1.42 0.00	34.90 -1.12 0.00	34.84 -1.00 0.00	35.18 -1.24 0.00	38.93 -1.62 0.00	50.77 -2.78 0.00	57.59 -3.42 0.00	51.17 -3.09 0.00	38.92 -2.27 0.00	37.15 -1.79 0.00	35.70 -1.60 0.00	33.16 -1.82 0.00	33.15 -1.82 0.00	31.83 -1.89 0.00	32.77 -1.65 0.00	35.59 -1.95 0.00	41.22 -2.58 0.00	51.18 -3.09 0.00	61.77 -1.52 0.00	58.30 -1.62 0.00	46.70 -1.79 0.00	41.61 -1.33 0.00	40.00 -0.61 0.00
N.BELMOR_69_KV_BK1 55787	41.61 2.39 0.00	39.47 2.13 0.00	37.78 1.76 0.00	37.53 1.68 0.00	38.16 1.75 0.00	43.03 2.47 0.00	56.72 3.16 0.00	65.22 4.21 0.00	58.06 3.80 0.00	44.40 3.21 0.00	41.82 2.88 0.00	39.91 2.61 0.00	37.28 2.31 0.00	37.24 2.27 0.00	36.01 2.29 0.00	36.90 2.48 0.00	40.58 3.04 0.00	47.57 3.77 0.00	58.57 4.29 0.00	67.21 3.92 0.00	63.99 4.07 0.00	51.64 3.15 0.00	45.91 2.96 0.00	42.76 2.15 0.00
N.E_GEN_SANDY PD 24062	40.83 1.61 0.00	38.80 1.46 0.00	37.28 1.26 0.00	37.03 1.18 0.00	37.69 1.27 0.00	42.13 1.58 0.00	55.54 1.98 0.00	63.51 2.50 0.00	56.60 2.33 0.00	43.00 1.81 0.00	40.50 1.56 0.00	38.80 1.49 0.00	36.41 1.43 0.00	36.40 1.43 0.00	35.10 1.38 0.00	35.87 1.45 0.00	39.30 1.76 0.00	45.95 2.15 0.00	56.72 2.44 0.00	65.50 2.21 0.00	62.02 2.10 0.00	50.19 1.70 0.00	44.40 1.46 0.00	41.94 1.34 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.75 1.53 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.96 1.11 0.00	37.58 1.17 0.00	42.01 1.46 0.00	55.86 2.30 0.00	64.00 2.99 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.93 1.99 0.00	39.13 1.83 0.00	36.69 1.71 0.00	36.61 1.64 0.00	35.37 1.65 0.00	36.14 1.72 0.00	39.56 2.03 0.00	46.35 2.54 0.00	57.10 2.82 0.00	66.26 2.97 0.00	62.68 2.76 0.00	50.63 2.13 0.00	44.79 1.85 0.00	41.95 1.34 0.00
N.QUEENS_27_KV_LOAD 356247	41.15 1.92 -0.01	39.07 1.72 -0.01	37.54 1.51 -0.01	37.29 1.43 -0.01	37.91 1.49 -0.01	42.38 1.82 0.00	56.49 2.95 0.01	64.79 3.78 0.01	57.78 3.53 0.01	44.15 2.97 0.01	41.62 2.69 0.01	39.83 2.54 0.01	37.34 2.38 0.01	37.27 2.31 0.01	36.03 2.33 0.01	36.79 2.38 0.01	40.23 2.70 0.01	47.13 3.33 0.01	57.96 3.69 0.01	67.14 3.86 0.01	63.51 3.60 0.01	51.30 2.81 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
N.TROY___115KV_TB1 355778	40.83 1.61 0.00	38.80 1.46 0.00	37.32 1.30 0.00	37.10 1.25 0.00	37.72 1.31 0.00	42.17 1.62 0.00	55.59 2.04 0.00	63.51 2.50 0.00	56.49 2.22 0.00	42.80 1.61 0.00	40.34 1.40 0.00	38.61 1.31 0.00	36.23 1.26 0.00	36.22 1.26 0.00	34.93 1.21 0.00	35.70 1.27 0.00	39.11 1.58 0.00	45.64 1.84 0.00	56.45 2.17 0.00	65.31 2.03 0.00	61.84 1.92 0.00	50.04 1.55 0.00	44.23 1.29 0.00	41.74 1.14 0.00
NARROWS_GT1_1 24228	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT1_2 24229	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT1_3 24230	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT1_4 24231	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49

NARROWS_GT1_5 24232	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT1_6 24233	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT1_7 24234	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT1_8 24235	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_1 24236	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_2 24237	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_3 24238	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_4 24239	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_5 24240	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_6 24241	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_7 24242	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NARROWS_GT2_8 24243	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.95 1.73 0.00	38.88 1.53 0.00	37.39 1.37 0.00	37.17 1.33 0.00	37.80 1.38 0.00	42.26 1.70 0.00	55.97 2.41 0.00	63.94 2.93 0.00	56.38 2.12 0.00	42.55 1.36 0.00	39.99 1.05 0.00	38.27 0.97 0.00	35.92 0.94 0.00	35.91 0.94 0.00	34.66 0.94 0.00	35.49 1.07 0.00	38.89 1.35 0.00	45.56 1.75 0.00	56.72 2.44 0.00	66.07 2.78 0.00	62.44 2.52 0.00	50.48 1.99 0.00	44.66 1.72 0.00	42.03 1.42 0.00
NCHELSEA_115KV_TR2 355582	41.14 1.92 0.00	39.03 1.68 0.00	37.50 1.48 0.00	37.24 1.40 0.00	37.87 1.46 0.00	42.38 1.82 0.00	56.34 2.78 0.00	64.55 3.54 0.00	57.30 3.04 0.00	43.66 2.47 0.00	41.04 2.10 0.00	39.28 1.98 0.00	36.83 1.85 0.00	36.78 1.82 0.00	35.54 1.82 0.00	36.32 1.89 0.00	39.79 2.25 0.00	46.70 2.89 0.00	57.70 3.42 0.00	67.02 3.73 0.00	63.34 3.42 0.00	51.06 2.57 0.00	45.22 2.28 0.00	42.35 1.75 0.00
NEG CAPITAL___MECHNVIL 23645	41.38 2.16 0.00	39.29 1.94 0.00	37.78 1.76 0.00	37.57 1.72 0.00	38.23 1.82 0.00	42.78 2.23 0.00	56.50 2.94 0.00	64.43 3.41 0.00	57.25 2.98 0.00	43.29 2.10 0.00	40.81 1.87 0.00	39.06 1.75 0.00	36.55 1.58 0.00	36.47 1.50 0.00	35.20 1.48 0.00	36.04 1.62 0.00	39.45 1.91 0.00	46.17 2.36 0.00	57.42 3.15 0.00	66.76 3.48 0.00	63.09 3.17 0.00	51.01 2.52 0.00	45.01 2.06 0.00	42.55 1.95 0.00

NEG CENTRAL_HIGH_ACRES 23767	37.65 -1.57 0.00	35.96 -1.38 0.00	34.83 -1.19 0.00	34.70 -1.15 0.00	35.18 -1.24 0.00	39.05 -1.50 0.00	51.36 -2.20 0.00	58.51 -2.50 0.00	52.09 -2.17 0.00	39.58 -1.61 0.00	37.62 -1.32 0.00	36.07 -1.23 0.00	33.68 -1.29 0.00	33.64 -1.33 0.00	32.33 -1.38 0.00	33.19 -1.24 0.00	36.11 -1.43 0.00	41.83 -1.97 0.00	51.73 -2.55 0.00	61.45 -1.84 0.00	58.06 -1.86 0.00	46.60 -1.89 0.00	41.31 -1.63 0.00	39.39 -1.22 0.00
NEG CENTRAL___DRP 24199	38.95 -0.27 0.00	37.16 -0.19 0.00	35.91 -0.11 0.00	35.81 -0.04 0.00	36.30 -0.11 0.00	40.43 -0.12 0.00	53.50 -0.05 0.00	60.77 -0.24 0.00	54.10 -0.16 0.00	40.94 -0.25 0.00	38.82 -0.12 0.00	37.19 -0.11 0.00	34.76 -0.21 0.00	34.76 -0.21 0.00	33.41 -0.30 0.00	34.22 -0.21 0.00	37.24 -0.30 0.00	43.45 -0.35 0.00	54.06 -0.22 0.00	63.67 0.38 0.00	60.10 0.18 0.00	48.54 0.05 0.00	42.90 -0.04 0.00	40.69 0.08 0.00
NEG CENTRAL___INDECK 23768	38.63 -0.59 0.00	37.01 -0.34 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.23 -0.18 0.00	40.31 -0.24 0.00	53.02 -0.54 0.00	60.10 -0.91 0.00	52.96 -1.30 0.00	39.87 -1.32 0.00	37.81 -1.13 0.00	36.26 -1.04 0.00	33.75 -1.23 0.00	33.71 -1.26 0.00	32.43 -1.28 0.00	33.46 -0.96 0.00	36.56 -0.98 0.00	41.31 -2.50 0.00	51.56 -2.71 0.00	62.08 -1.20 0.00	58.78 -1.14 0.00	47.18 -1.31 0.00	41.79 -1.16 0.00	41.29 0.69 0.00
NEG CENTRAL___SENECA 23627	38.91 -0.31 0.00	37.16 -0.19 0.00	35.95 -0.07 0.00	35.84 0.00 0.00	36.34 -0.07 0.00	40.47 -0.08 0.00	53.61 0.05 0.00	60.65 -0.37 0.00	54.05 -0.22 0.00	40.86 -0.33 0.00	38.75 -0.19 0.00	37.15 -0.15 0.00	34.66 -0.31 0.00	34.65 -0.31 0.00	33.31 -0.40 0.00	34.15 -0.28 0.00	37.20 -0.34 0.00	43.45 -0.35 0.00	54.11 -0.16 0.00	63.86 0.57 0.00	60.28 0.36 0.00	48.69 0.19 0.00	43.03 0.09 0.00	40.89 0.28 0.00
NEG CENTRAL___STATE_STREET 24147	39.18 -0.04 0.00	37.35 0.00 0.00	36.06 0.04 0.00	35.88 0.04 0.00	36.41 0.00 0.00	40.55 0.00 0.00	53.72 0.16 0.00	61.19 0.18 0.00	54.43 0.16 0.00	41.27 0.08 0.00	39.10 0.16 0.00	37.49 0.19 0.00	35.08 0.10 0.00	35.07 0.10 0.00	33.75 0.03 0.00	34.53 0.10 0.00	37.54 0.00 0.00	43.80 0.00 0.00	54.39 0.11 0.00	63.92 0.63 0.00	60.34 0.42 0.00	48.64 0.15 0.00	42.99 0.04 0.00	40.73 0.12 0.00
NEG MILLWOOD___DRP 24198	41.26 2.04 0.00	39.21 1.87 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.02 1.60 0.00	42.54 1.99 0.00	56.50 2.95 0.00	64.67 3.66 0.00	57.57 3.31 0.00	43.87 2.68 0.00	41.32 2.38 0.00	39.58 2.28 0.00	37.07 2.10 0.00	36.99 2.03 0.00	35.74 2.02 0.00	36.56 2.13 0.00	40.01 2.48 0.00	46.96 3.15 0.00	57.91 3.64 0.00	67.21 3.92 0.00	63.52 3.60 0.00	51.26 2.76 0.00	45.35 2.40 0.00	42.47 1.87 0.00
NEG NORTH_FLCN_SEA 23793	37.77 -1.45 0.00	36.26 -1.08 0.00	35.08 -0.94 0.00	35.09 -0.75 0.00	35.65 -0.76 0.00	39.86 -0.69 0.00	52.38 -1.18 0.00	58.27 -2.75 0.00	52.42 -1.84 0.00	39.29 -1.89 0.00	36.99 -1.95 0.00	35.29 -2.01 0.00	33.12 -1.85 0.00	33.15 -1.82 0.00	32.06 -1.65 0.00	32.70 -1.72 0.00	35.89 -1.65 0.00	42.36 -1.45 0.00	53.14 -1.14 0.00	61.32 -1.96 0.00	58.60 -1.32 0.00	48.59 0.10 0.00	43.07 0.13 0.00	40.81 0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	38.08 -1.14 0.00	36.45 -0.90 0.00	35.23 -0.79 0.00	35.20 -0.65 0.00	35.76 -0.66 0.00	39.90 -0.65 0.00	52.54 -1.02 0.00	59.12 -1.89 0.00	52.64 -1.63 0.00	39.62 -1.57 0.00	37.34 -1.60 0.00	35.66 -1.64 0.00	33.51 -1.47 0.00	33.53 -1.43 0.00	32.43 -1.28 0.00	33.08 -1.34 0.00	36.22 -1.31 0.00	42.58 -1.23 0.00	53.25 -1.03 0.00	62.02 -1.27 0.00	59.14 -0.78 0.00	48.40 -0.10 0.00	42.90 -0.04 0.00	40.65 0.04 0.00
NEG NORTH___ALICE_FALLS 23915	38.00 -1.22 0.00	36.49 -0.86 0.00	35.30 -0.72 0.00	35.31 -0.54 0.00	35.87 -0.55 0.00	40.11 -0.45 0.00	52.75 -0.80 0.00	58.88 -2.14 0.00	52.74 -1.52 0.00	39.58 -1.61 0.00	37.27 -1.67 0.00	35.55 -1.75 0.00	33.40 -1.57 0.00	33.43 -1.54 0.00	32.33 -1.38 0.00	32.94 -1.48 0.00	36.15 -1.39 0.00	42.71 -1.10 0.00	53.52 -0.76 0.00	62.08 -1.20 0.00	59.32 -0.60 0.00	48.93 0.44 0.00	43.33 0.39 0.00	41.05 0.45 0.00
NEG NORTH___LWR_SARANAC 23913	38.00 -1.22 0.00	36.49 -0.86 0.00	35.30 -0.72 0.00	35.31 -0.54 0.00	35.87 -0.55 0.00	40.11 -0.45 0.00	52.75 -0.80 0.00	58.88 -2.14 0.00	52.74 -1.52 0.00	39.58 -1.61 0.00	37.27 -1.67 0.00	35.55 -1.75 0.00	33.40 -1.57 0.00	33.43 -1.54 0.00	32.33 -1.38 0.00	32.94 -1.48 0.00	36.15 -1.39 0.00	42.71 -1.10 0.00	53.52 -0.76 0.00	62.08 -1.20 0.00	59.32 -0.60 0.00	48.93 0.44 0.00	43.33 0.39 0.00	41.05 0.45 0.00
NEG NORTH___PLATTSBURG 23628	38.00 -1.22 0.00	36.49 -0.86 0.00	35.30 -0.72 0.00	35.31 -0.54 0.00	35.87 -0.55 0.00	40.11 -0.45 0.00	52.75 -0.80 0.00	59.91 -1.10 0.00	52.74 -1.52 0.00	39.58 -1.61 0.00	37.27 -1.67 0.00	35.55 -1.75 0.00	33.40 -1.57 0.00	33.43 -1.54 0.00	32.33 -1.38 0.00	32.94 -1.48 0.00	36.15 -1.39 0.00	42.71 -1.09 0.00	53.57 -0.71 0.00	62.08 -1.20 0.00	59.32 -0.60 0.00	48.93 0.44 0.00	43.33 0.39 0.00	41.05 0.45 0.00
NEG WEST_LEA_LOCKPORT 23791	36.63 -2.59 0.00	35.14 -2.20 0.00	34.18 -1.84 0.00	34.12 -1.72 0.00	34.45 -1.97 0.00	38.04 -2.51 0.00	49.38 -4.18 0.00	55.89 -5.12 0.00	49.65 -4.61 0.00	37.89 -3.30 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.38 -2.59 0.00	31.15 -2.56 0.00	32.01 -2.41 0.00	34.72 -2.82 0.00	40.12 -3.68 0.00	49.77 -4.51 0.00	60.00 -3.29 0.00	56.62 -3.30 0.00	45.49 -3.01 0.00	40.62 -2.32 0.00	39.22 -1.38 0.00
NEG WEST___LANCASTR 23811	37.49 -1.73 0.00	36.00 -1.34 0.00	34.98 -1.04 0.00	34.91 -0.93 0.00	35.25 -1.17 0.00	39.01 -1.54 0.00	51.04 -2.52 0.00	57.66 -3.36 0.00	51.17 -3.09 0.00	38.97 -2.22 0.00	37.15 -1.79 0.00	35.77 -1.53 0.00	33.26 -1.71 0.00	33.22 -1.75 0.00	32.00 -1.72 0.00	32.81 -1.62 0.00	35.59 -1.95 0.00	41.13 -2.67 0.00	51.18 -3.09 0.00	61.64 -1.65 0.00	58.12 -1.80 0.00	46.79 -1.70 0.00	41.70 -1.25 0.00	40.28 -0.32 0.00
NEG_PENN_ALLEGHNY 23528	39.18 -0.04 0.00	37.35 0.00 0.00	36.09 0.07 0.00	35.95 0.11 0.00	36.49 0.07 0.00	40.59 0.04 0.00	53.66 0.11 0.00	61.07 0.06 0.00	54.16 -0.11 0.00	41.07 -0.12 0.00	38.90 -0.04 0.00	37.30 0.00 0.00	34.87 -0.10 0.00	34.83 -0.14 0.00	33.55 -0.17 0.00	34.32 -0.10 0.00	37.50 -0.04 0.00	43.72 -0.09 0.00	54.22 -0.05 0.00	63.79 0.50 0.00	60.28 0.36 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.89 0.29 0.00
NEG___GEN_MONROE 24207	37.97 -1.26 0.00	36.30 -1.05 0.00	35.23 -0.79 0.00	35.13 -0.72 0.00	35.54 -0.87 0.00	39.42 -1.14 0.00	51.57 -1.98 0.00	58.63 -2.38 0.00	51.98 -2.28 0.00	39.54 -1.65 0.00	37.66 -1.29 0.00	36.11 -1.19 0.00	33.65 -1.33 0.00	33.64 -1.33 0.00	32.30 -1.42 0.00	33.22 -1.20 0.00	36.11 -1.43 0.00	41.88 -1.93 0.00	52.00 -2.28 0.00	62.27 -1.01 0.00	58.84 -1.08 0.00	47.28 -1.21 0.00	41.96 -0.99 0.00	40.12 -0.49 0.00

NEPA___ENERGY 23901	37.49 -1.73 0.00	36.00 -1.34 0.00	34.98 -1.04 0.00	34.95 -0.90 0.00	35.32 -1.09 0.00	39.09 -1.46 0.00	51.31 -2.25 0.00	58.08 -2.93 0.00	51.55 -2.71 0.00	39.21 -1.98 0.00	37.34 -1.60 0.00	35.88 -1.42 0.00	33.37 -1.61 0.00	33.32 -1.64 0.00	32.10 -1.62 0.00	32.91 -1.51 0.00	35.66 -1.88 0.00	41.31 -2.50 0.00	51.45 -2.82 0.00	62.02 -1.27 0.00	58.66 -1.26 0.00	47.23 -1.26 0.00	42.08 -0.86 0.00	40.56 -0.04 0.00
NEVERSink___HYD 23608	40.67 1.45 0.00	38.65 1.31 0.00	37.14 1.12 0.00	36.88 1.04 0.00	37.51 1.09 0.00	41.93 1.38 0.00	55.80 2.25 0.00	63.82 2.81 0.00	56.65 2.38 0.00	43.09 1.90 0.00	40.50 1.56 0.00	38.72 1.42 0.00	36.30 1.33 0.00	36.26 1.29 0.00	35.03 1.31 0.00	35.80 1.38 0.00	39.23 1.69 0.00	46.08 2.28 0.00	57.04 2.77 0.00	66.39 3.10 0.00	62.68 2.76 0.00	50.58 2.08 0.00	44.83 1.89 0.00	42.06 1.46 0.00
NEWKRMKL_115KV_TB1 55635	40.20 0.98 0.00	38.20 0.86 0.00	36.74 0.72 0.00	36.53 0.68 0.00	37.14 0.73 0.00	41.48 0.93 0.00	54.73 1.18 0.00	62.66 1.65 0.00	55.67 1.41 0.00	42.22 1.03 0.00	39.88 0.93 0.00	38.23 0.93 0.00	35.88 0.91 0.00	35.91 0.94 0.00	34.63 0.91 0.00	35.39 0.96 0.00	38.70 1.16 0.00	45.07 1.27 0.00	55.85 1.57 0.00	64.68 1.39 0.00	61.24 1.32 0.00	49.56 1.07 0.00	43.76 0.82 0.00	41.30 0.69 0.00
NEWTON___FALLS_HYD 23847	38.16 -1.06 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	34.95 -0.90 0.00	35.58 -0.84 0.00	39.78 -0.77 0.00	52.65 -0.91 0.00	59.73 -1.28 0.00	52.85 -1.41 0.00	39.83 -1.36 0.00	37.54 -1.40 0.00	35.85 -1.45 0.00	33.51 -1.47 0.00	33.57 -1.40 0.00	32.40 -1.31 0.00	32.63 -1.79 0.00	35.62 -1.91 0.00	41.92 -1.88 0.00	52.38 -1.90 0.00	61.64 -1.65 0.00	58.42 -1.50 0.00	47.47 -1.02 0.00	42.17 -0.77 0.00	40.28 -0.32 0.00
NGRID_A1_DSASP 323792	36.28 -2.94 0.00	34.77 -2.58 0.00	33.89 -2.13 0.00	33.76 -2.08 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.63 -4.93 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.82 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.03 -2.94 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.57 -2.97 0.00	39.60 -4.21 0.00	48.85 -5.43 0.00	58.79 -4.49 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.98 -2.96 0.00	38.74 -1.87 0.00
NGRID_A2_DSASP 323793	36.28 -2.94 0.00	34.77 -2.58 0.00	33.89 -2.13 0.00	33.76 -2.08 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.63 -4.93 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.82 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.03 -2.94 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.57 -2.97 0.00	39.60 -4.21 0.00	48.85 -5.43 0.00	58.79 -4.49 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.98 -2.96 0.00	38.74 -1.87 0.00
NGRID_A4_DSASP 323807	36.28 -2.94 0.00	34.77 -2.58 0.00	33.89 -2.13 0.00	33.76 -2.08 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.63 -4.93 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.82 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.03 -2.94 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.57 -2.97 0.00	39.60 -4.21 0.00	48.85 -5.43 0.00	58.79 -4.49 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.98 -2.96 0.00	38.74 -1.87 0.00
NIAGARA_115E_LBMP 323715	36.12 -3.10 0.00	34.62 -2.72 0.00	33.71 -2.31 0.00	33.59 -2.26 0.00	33.97 -2.44 0.00	37.51 -3.04 0.00	48.47 -5.09 0.00	54.97 -6.04 0.00	48.84 -5.43 0.00	37.32 -3.87 0.00	35.67 -3.27 0.00	34.35 -2.95 0.00	31.97 -3.01 0.00	31.89 -3.08 0.00	30.71 -3.00 0.00	31.57 -2.86 0.00	34.42 -3.12 0.00	39.42 -4.38 0.00	48.69 -5.59 0.00	58.60 -4.68 0.00	55.49 -4.43 0.00	44.57 -3.93 0.00	39.85 -3.09 0.00	38.58 -2.03 0.00
NIAGARA_115W_LBMP 323714	36.16 -3.06 0.00	34.66 -2.69 0.00	33.79 -2.23 0.00	33.66 -2.19 0.00	34.01 -2.40 0.00	37.55 -3.00 0.00	48.52 -5.04 0.00	54.97 -6.04 0.00	48.89 -5.37 0.00	37.36 -3.83 0.00	35.71 -3.23 0.00	34.43 -2.87 0.00	32.00 -2.97 0.00	31.92 -3.04 0.00	30.78 -2.93 0.00	31.64 -2.79 0.00	34.46 -3.08 0.00	39.47 -4.34 0.00	48.74 -5.54 0.00	58.54 -4.75 0.00	55.43 -4.49 0.00	44.52 -3.98 0.00	39.85 -3.09 0.00	38.58 -2.03 0.00
NIAGARA_230_LBMP 323716	36.55 -2.67 0.00	34.99 -2.35 0.00	34.11 -1.91 0.00	33.98 -1.87 0.00	34.34 -2.07 0.00	37.92 -2.64 0.00	49.06 -4.50 0.00	55.64 -5.37 0.00	49.43 -4.83 0.00	37.77 -3.42 0.00	36.10 -2.84 0.00	34.76 -2.54 0.00	32.35 -2.62 0.00	32.27 -2.69 0.00	31.09 -2.63 0.00	31.94 -2.48 0.00	34.80 -2.74 0.00	39.91 -3.90 0.00	49.28 -4.99 0.00	59.17 -4.11 0.00	56.03 -3.89 0.00	45.00 -3.49 0.00	40.24 -2.70 0.00	38.94 -1.67 0.00
NIAGARA___115KV_198_GIBSON 55903	36.16 -3.06 0.00	34.73 -2.61 0.00	33.79 -2.23 0.00	33.73 -2.11 0.00	34.01 -2.40 0.00	37.55 -3.00 0.00	48.58 -4.98 0.00	54.97 -6.04 0.00	48.89 -5.37 0.00	37.36 -3.83 0.00	35.71 -3.23 0.00	34.43 -2.87 0.00	32.00 -2.97 0.00	31.99 -2.97 0.00	30.78 -2.93 0.00	31.64 -2.79 0.00	34.27 -3.27 0.00	39.51 -4.29 0.00	48.96 -5.32 0.00	58.92 -4.37 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.94 -3.01 0.00	38.62 -1.99 0.00
NIAGARA___ 23760	36.55 -2.67 0.00	34.99 -2.35 0.00	34.11 -1.91 0.00	33.98 -1.87 0.00	34.34 -2.07 0.00	37.92 -2.64 0.00	49.06 -4.50 0.00	55.64 -5.37 0.00	49.43 -4.83 0.00	37.77 -3.42 0.00	36.10 -2.84 0.00	34.76 -2.54 0.00	32.35 -2.62 0.00	32.27 -2.69 0.00	31.09 -2.63 0.00	31.94 -2.48 0.00	34.80 -2.74 0.00	39.91 -3.90 0.00	49.28 -4.99 0.00	59.17 -4.11 0.00	56.03 -3.89 0.00	45.00 -3.49 0.00	40.24 -2.70 0.00	38.94 -1.67 0.00
NINE_MILE_1 23575	38.16 -1.06 0.00	36.34 -1.01 0.00	35.08 -0.94 0.00	34.91 -0.93 0.00	35.47 -0.95 0.00	39.37 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	39.99 -1.20 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.06 -0.91 0.00	34.06 -0.91 0.00	32.81 -0.91 0.00	33.53 -0.90 0.00	36.45 -1.09 0.00	42.36 -1.44 0.00	52.49 -1.79 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.94 -1.55 0.00	41.53 -1.42 0.00	39.35 -1.26 0.00
NINE_MILE_2 23744	38.16 -1.06 0.00	36.34 -1.01 0.00	35.08 -0.94 0.00	34.91 -0.93 0.00	35.47 -0.95 0.00	39.37 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	39.99 -1.20 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.06 -0.91 0.00	34.06 -0.91 0.00	32.81 -0.91 0.00	33.53 -0.90 0.00	36.45 -1.09 0.00	42.36 -1.44 0.00	52.49 -1.79 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.94 -1.55 0.00	41.53 -1.42 0.00	39.35 -1.26 0.00
NM_CAPITAL___DRP 24208	40.28 1.06 0.00	38.28 0.93 0.00	36.81 0.79 0.00	36.60 0.75 0.00	37.22 0.80 0.00	41.57 1.01 0.00	54.79 1.23 0.00	62.78 1.77 0.00	55.95 1.68 0.00	42.43 1.24 0.00	40.03 1.09 0.00	38.35 1.04 0.00	36.02 1.05 0.00	36.01 1.05 0.00	34.76 1.05 0.00	35.53 1.10 0.00	38.78 1.24 0.00	45.16 1.36 0.00	55.96 1.68 0.00	64.74 1.46 0.00	61.30 1.38 0.00	49.66 1.16 0.00	43.85 0.90 0.00	41.38 0.77 0.00

NM_CENTRAL___DRP 24181	38.95 -0.27 0.00	37.08 -0.26 0.00	35.80 -0.22 0.00	35.67 -0.18 0.00	36.20 -0.22 0.00	40.23 -0.32 0.00	53.18 -0.37 0.00	60.65 -0.37 0.00	53.94 -0.33 0.00	40.94 -0.25 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.87 -0.10 0.00	34.86 -0.10 0.00	33.55 -0.17 0.00	34.32 -0.10 0.00	37.27 -0.26 0.00	43.41 -0.39 0.00	53.79 -0.49 0.00	63.10 -0.19 0.00	59.56 -0.36 0.00	48.06 -0.44 0.00	42.51 -0.43 0.00	40.32 -0.28 0.00
NM_FRONTIER___DRP 24179	36.16 -3.06 0.00	34.73 -2.61 0.00	33.79 -2.23 0.00	33.73 -2.11 0.00	34.01 -2.40 0.00	37.55 -3.00 0.00	48.58 -4.98 0.00	54.97 -6.04 0.00	48.89 -5.37 0.00	37.36 -3.83 0.00	35.71 -3.23 0.00	34.43 -2.87 0.00	32.00 -2.97 0.00	31.99 -2.97 0.00	30.78 -2.93 0.00	31.64 -2.79 0.00	34.27 -3.27 0.00	39.51 -4.29 0.00	48.96 -5.32 0.00	58.92 -4.37 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.94 -3.01 0.00	38.62 -1.99 0.00
NM_ST_REGIS___HYD 24053	38.12 -1.10 0.00	36.41 -0.93 0.00	35.19 -0.83 0.00	35.09 -0.75 0.00	35.69 -0.73 0.00	39.90 -0.65 0.00	52.59 -0.96 0.00	59.36 -1.65 0.00	52.64 -1.63 0.00	39.67 -1.52 0.00	37.46 -1.48 0.00	35.77 -1.53 0.00	33.54 -1.43 0.00	33.57 -1.40 0.00	32.47 -1.25 0.00	32.94 -1.48 0.00	36.00 -1.54 0.00	42.36 -1.45 0.00	52.87 -1.41 0.00	61.89 -1.39 0.00	58.84 -1.08 0.00	48.06 -0.44 0.00	42.60 -0.34 0.00	40.40 -0.20 0.00
NORTHPORT___1 23551	41.53 2.31 0.00	39.66 2.32 0.00	37.71 1.69 0.00	37.35 1.51 0.00	38.09 1.68 0.00	43.19 2.63 -0.01	56.50 2.94 0.00	65.10 4.09 0.00	58.12 3.85 0.00	44.32 3.13 0.00	41.75 2.81 0.00	39.80 2.50 0.00	37.18 2.20 0.00	37.31 2.34 0.00	35.91 2.19 0.00	36.87 2.44 0.00	40.54 3.00 0.00	47.67 3.86 -0.01	58.62 4.34 0.00	66.57 3.29 0.00	63.64 3.72 0.00	51.35 2.86 0.00	45.79 2.83 -0.01	42.80 2.19 0.00
NORTHPORT___2 23552	41.53 2.31 0.00	39.66 2.32 0.00	37.71 1.69 0.00	37.35 1.51 0.00	38.09 1.68 0.00	43.19 2.63 -0.01	56.50 2.94 0.00	65.10 4.09 0.00	58.12 3.85 0.00	44.32 3.13 0.00	41.75 2.81 0.00	39.80 2.50 0.00	37.18 2.20 0.00	37.31 2.34 0.00	35.91 2.19 0.00	36.87 2.44 0.00	40.54 3.00 0.00	47.67 3.86 -0.01	58.62 4.34 0.00	66.57 3.29 0.00	63.64 3.72 0.00	51.35 2.86 0.00	45.79 2.83 -0.01	42.80 2.19 0.00
NORTHPORT___3 23553	41.34 2.12 0.00	39.40 2.05 0.00	37.57 1.55 0.00	37.21 1.36 0.00	37.91 1.49 0.00	42.83 2.27 -0.01	55.80 2.25 0.00	64.12 3.11 0.00	57.19 2.93 0.00	44.16 2.97 0.00	41.59 2.65 0.00	39.69 2.39 0.00	37.07 2.10 0.00	37.13 2.17 0.00	35.81 2.09 0.00	36.70 2.27 0.00	40.32 2.78 0.00	47.27 3.46 -0.01	57.75 3.48 0.00	65.88 2.60 0.00	62.80 2.88 0.00	50.77 2.28 0.00	45.66 2.71 -0.01	42.63 2.03 0.00
NORTHPORT___4 23650	41.34 2.12 0.00	39.40 2.05 0.00	37.57 1.55 0.00	37.21 1.36 0.00	37.91 1.49 0.00	42.83 2.27 -0.01	55.80 2.25 0.00	64.12 3.11 0.00	57.19 2.93 0.00	44.16 2.97 0.00	41.59 2.65 0.00	39.69 2.39 0.00	37.07 2.10 0.00	37.13 2.17 0.00	35.81 2.09 0.00	36.70 2.27 0.00	40.32 2.78 0.00	47.27 3.46 -0.01	57.75 3.48 0.00	65.88 2.60 0.00	62.80 2.88 0.00	50.77 2.28 0.00	45.66 2.71 -0.01	42.63 2.03 0.00
NORTHPORT___IC 23718	41.53 2.31 0.00	39.36 2.02 0.00	37.68 1.66 0.00	37.42 1.58 0.00	38.09 1.68 0.00	43.19 2.64 0.00	56.50 2.95 0.00	65.16 4.15 0.00	58.12 3.85 0.00	44.40 3.21 0.00	41.74 2.80 0.00	39.80 2.50 0.00	37.18 2.20 0.00	37.13 2.17 0.00	35.91 2.19 0.00	36.87 2.44 0.00	40.62 3.08 0.00	47.66 3.85 0.00	58.57 4.29 0.00	66.64 3.35 0.00	63.69 3.77 0.00	51.35 2.86 0.00	45.78 2.83 0.00	42.55 1.95 0.00
NORTH___COUNTRY_ESR 323785	37.96 -1.26 0.00	36.37 -0.97 0.00	35.16 -0.86 0.00	35.13 -0.72 0.00	35.69 -0.73 0.00	39.82 -0.73 0.00	52.43 -1.13 0.00	59.55 -1.46 0.00	52.58 -1.68 0.00	39.58 -1.61 0.00	37.31 -1.63 0.00	35.66 -1.64 0.00	33.47 -1.50 0.00	33.50 -1.47 0.00	32.40 -1.32 0.00	33.01 -1.41 0.00	36.15 -1.39 0.00	42.49 -1.31 0.00	53.13 -1.14 0.00	61.83 -1.45 0.00	58.90 -1.02 0.00	48.25 -0.24 0.00	42.77 -0.17 0.00	40.52 -0.08 0.00
NPX_GEN_1385_PROXY 323591	41.18 1.96 0.00	39.59 2.24 0.00	37.50 1.48 0.00	37.10 1.25 0.00	37.76 1.35 0.00	43.12 2.56 -0.01	55.70 2.14 0.00	64.73 3.72 0.00	57.68 3.42 0.00	43.66 2.47 0.00	41.12 2.18 0.00	39.20 1.90 0.00	36.48 1.50 0.00	36.96 1.99 0.00	35.30 1.58 0.00	36.42 2.00 0.00	40.24 2.70 0.00	47.41 3.59 -0.01	58.02 3.74 0.00	65.18 1.90 0.00	62.55 2.63 0.00	50.38 1.89 0.00	45.06 2.10 -0.01	42.35 1.74 0.00
NPX_GEN_CSC 323557	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.52 2.96 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.61 4.34 0.00	44.65 3.46 0.00	41.98 3.04 0.00	39.95 2.65 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.93 4.12 -0.01	59.11 4.83 0.00	65.94 2.66 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.87 2.92 -0.01	42.80 2.19 0.00
NSINS_S___GLNS_FALLS 23858	41.69 2.47 0.00	39.62 2.28 0.00	38.07 2.05 0.00	37.85 2.01 0.00	38.60 2.18 0.00	43.23 2.68 0.00	57.20 3.64 0.00	65.28 4.27 0.00	57.84 3.58 0.00	43.58 2.39 0.00	41.12 2.18 0.00	39.32 2.01 0.00	36.72 1.75 0.00	36.61 1.64 0.00	35.33 1.62 0.00	36.18 1.76 0.00	39.64 2.10 0.00	46.39 2.58 0.00	56.72 2.44 0.00	65.94 2.66 0.00	62.32 2.40 0.00	50.33 1.84 0.00	44.40 1.46 0.00	41.86 1.26 0.00
NUCOR_STEEL___DRP 24197	39.30 0.08 0.00	37.46 0.11 0.00	36.20 0.18 0.00	36.02 0.18 0.00	36.52 0.11 0.00	40.63 0.08 0.00	53.82 0.27 0.00	61.26 0.24 0.00	54.48 0.22 0.00	41.31 0.12 0.00	39.14 0.19 0.00	37.53 0.22 0.00	35.11 0.14 0.00	35.07 0.10 0.00	33.75 0.03 0.00	34.56 0.14 0.00	37.54 0.00 0.00	43.80 0.00 0.00	54.39 0.11 0.00	63.92 0.63 0.00	60.34 0.42 0.00	48.69 0.19 0.00	43.03 0.09 0.00	40.81 0.20 0.00
NUMBER_THREE_WT_PWR 323818	38.90 -0.32 0.00	37.04 -0.30 0.00	35.81 -0.21 0.00	35.56 -0.29 0.00	36.20 -0.22 0.00	40.47 -0.08 0.00	53.77 0.22 0.00	61.26 0.25 0.00	54.10 -0.16 0.00	40.78 -0.41 0.00	38.40 -0.55 0.00	36.67 -0.63 0.00	34.13 -0.84 0.00	34.23 -0.74 0.00	33.01 -0.71 0.00	33.25 -1.17 0.00	36.33 -1.20 0.00	42.75 -1.05 0.00	53.35 -0.92 0.00	62.97 -0.31 0.00	59.56 -0.36 0.00	48.20 -0.29 0.00	43.03 0.09 0.00	41.13 0.53 0.00
NYISO_LBMP_REFERENCE 24008	39.22 0.00 0.00	37.35 0.00 0.00	36.02 0.00 0.00	35.84 0.00 0.00	36.41 0.00 0.00	40.55 0.00 0.00	53.56 0.00 0.00	61.01 0.00 0.00	54.26 0.00 0.00	41.19 0.00 0.00	38.94 0.00 0.00	37.30 0.00 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.72 0.00 0.00	34.42 0.00 0.00	37.54 0.00 0.00	43.80 0.00 0.00	54.28 0.00 0.00	63.29 0.00 0.00	59.92 0.00 0.00	48.49 0.00 0.00	42.94 0.00 0.00	40.61 0.00 0.00

NYPA_BRENTWD____GT 24164	41.89 2.67 0.00	39.96 2.61 0.00	38.04 2.02 0.00	37.64 1.79 0.00	38.38 1.97 0.00	43.56 3.00 -0.01	57.09 3.53 0.00	65.77 4.76 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.14 2.83 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.27 4.99 0.00	67.34 4.05 0.00	64.42 4.50 0.00	51.94 3.44 0.00	46.30 3.35 -0.01	43.21 2.60 0.00
NYPA_GOWANUS____GT5 24156	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NYPA_GOWANUS____GT6 24157	54.96 2.51 -13.23	54.22 2.32 -14.56	53.51 1.98 -15.51	53.55 1.86 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.42 4.40 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.61 -39.55	72.51 2.96 -32.01	97.87 3.68 -50.39	97.87 4.24 -39.36	98.11 4.62 -30.21	98.11 4.32 -33.87	97.89 3.34 -46.05	97.87 2.92 -52.00	56.49 2.40 -13.49
NYPA_HARLEM_RVR_GT1 24160	41.15 1.92 -0.01	39.11 1.76 -0.01	37.54 1.51 -0.01	37.21 1.36 -0.01	37.92 1.49 -0.01	42.37 1.83 0.01	56.44 2.89 0.01	64.66 3.66 0.01	57.73 3.48 0.01	44.06 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.23 2.27 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	66.95 3.67 0.01	63.39 3.47 0.01	51.20 2.71 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
NYPA_HARLEM_RVR_GT2 24161	41.15 1.92 -0.01	39.11 1.76 -0.01	37.54 1.51 -0.01	37.21 1.36 -0.01	37.92 1.49 -0.01	42.37 1.83 0.01	56.44 2.89 0.01	64.66 3.66 0.01	57.73 3.48 0.01	44.06 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.23 2.27 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.85 3.58 0.01	66.95 3.67 0.01	63.39 3.47 0.01	51.20 2.71 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
NYPA_KENT____GT 24152	49.16 2.35 -7.59	47.86 2.17 -8.35	46.79 1.87 -8.90	46.65 1.72 -9.09	47.33 1.86 -9.06	48.92 2.27 -6.09	57.44 3.43 -0.45	65.23 4.21 -0.01	59.83 3.85 -1.71	66.14 3.21 -21.74	66.46 2.88 -24.63	67.42 2.72 -27.40	68.14 2.55 -30.61	68.19 2.48 -30.74	59.03 2.46 -22.85	68.95 2.55 -31.98	66.35 2.89 -25.92	81.55 3.59 -34.15	83.73 4.07 -25.38	85.18 4.36 -17.53	84.03 4.08 -20.03	81.26 3.20 -29.57	79.26 2.79 -33.53	50.82 2.23 -7.98
NYPA_POUCH1____GT 24155	54.88 2.43 -13.23	54.14 2.24 -14.56	53.48 1.94 -15.51	53.48 1.79 -15.84	54.14 1.93 -15.80	53.49 2.31 -10.63	57.64 3.32 -0.76	65.11 4.09 -0.01	60.65 3.74 -2.65	71.07 3.09 -26.79	72.02 2.77 -30.31	73.49 2.61 -33.58	75.10 2.45 -37.67	75.18 2.38 -37.83	67.11 2.36 -31.04	76.42 2.44 -39.55	57.70 2.78 -17.39	58.99 3.46 -11.73	97.59 3.96 -39.36	97.80 4.31 -30.21	97.81 4.02 -33.87	97.65 3.11 -46.05	97.74 2.79 -52.00	56.37 2.27 -13.49
NYPA_VERNON____GT2 24162	43.40 2.23 -1.95	41.54 2.05 -2.14	40.03 1.73 -2.28	39.79 1.61 -2.33	40.49 1.75 -2.33	44.22 2.11 -1.56	56.97 3.27 -0.15	65.11 4.09 -0.01	58.78 3.74 -0.77	61.00 3.13 -16.68	60.70 2.81 -18.96	61.17 2.65 -21.22	61.01 2.48 -23.55	61.07 2.45 -23.65	50.78 2.39 -14.67	61.28 2.44 -24.41	60.20 2.82 -19.84	65.23 3.51 -17.92	69.58 3.91 -11.40	72.24 4.11 -4.85	69.95 3.84 -6.19	64.63 3.06 -13.08	60.66 2.66 -15.05	45.19 2.11 -2.48
NYPA_VERNON____GT3 24163	43.40 2.23 -1.95	41.54 2.05 -2.14	40.03 1.73 -2.28	39.79 1.61 -2.33	40.49 1.75 -2.33	44.22 2.11 -1.56	56.97 3.27 -0.15	65.11 4.09 -0.01	58.78 3.74 -0.77	61.00 3.13 -16.68	60.70 2.81 -18.96	61.17 2.65 -21.22	61.01 2.48 -23.55	61.07 2.45 -23.65	50.78 2.39 -14.67	61.28 2.44 -24.41	60.20 2.82 -19.84	65.23 3.51 -17.92	69.58 3.91 -11.40	72.24 4.11 -4.85	69.95 3.84 -6.19	64.63 3.06 -13.08	60.66 2.66 -15.05	45.19 2.11 -2.48
NYPA____ASTORIA_CC1 323568	41.42 2.20 -0.01	39.37 2.02 -0.01	37.76 1.73 -0.01	37.43 1.58 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.05 4.03 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.81 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.61 2.41 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.79 3.85 -5.66	67.76 4.05 -0.42	64.99 3.84 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.18 2.07 -0.50
NYPA____ASTORIA_CC2 323569	41.42 2.20 -0.01	39.37 2.02 -0.01	37.76 1.73 -0.01	37.43 1.58 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.05 4.03 -0.01	58.34 3.69 -0.39	57.12 3.09 -12.84	56.36 2.81 -14.61	56.36 2.65 -16.41	55.61 2.48 -18.15	55.61 2.41 -18.23	46.27 2.36 -10.19	55.61 2.44 -18.74	55.61 2.82 -15.26	57.87 3.46 -10.61	63.79 3.85 -5.66	67.76 4.05 -0.42	64.99 3.84 -1.23	57.87 3.01 -6.37	53.09 2.66 -7.48	43.18 2.07 -0.50
NYPA____HOLTSVILL 23794	41.57 2.35 0.00	39.74 2.39 0.00	37.75 1.73 0.00	37.39 1.54 0.00	38.16 1.75 0.00	43.40 2.84 -0.01	56.66 3.11 0.00	65.28 4.27 0.00	58.44 4.18 0.00	44.57 3.38 0.00	41.94 3.00 0.00	39.95 2.65 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.04 2.32 0.00	37.01 2.58 0.00	40.65 3.11 0.00	47.89 4.07 -0.01	59.00 4.72 0.00	66.57 3.29 0.00	63.87 3.95 0.00	51.55 3.06 0.00	46.00 3.05 -0.01	42.88 2.27 0.00
NYPA____HELLGATE_GT1 24158	41.15 1.92 -0.01	39.11 1.76 -0.01	37.54 1.51 -0.01	37.21 1.36 -0.01	37.88 1.46 -0.01	42.37 1.83 0.01	56.44 2.89 0.01	64.66 3.66 0.01	57.73 3.48 0.01	44.06 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.23 2.27 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.08 3.29 0.01	57.91 3.64 0.01	67.01 3.73 0.01	63.45 3.53 0.01	51.20 2.71 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
NYPA____HELLGATE_GT2 24159	41.15 1.92 -0.01	39.11 1.76 -0.01	37.54 1.51 -0.01	37.21 1.36 -0.01	37.88 1.46 -0.01	42.37 1.83 0.01	56.44 2.89 0.01	64.66 3.66 0.01	57.73 3.48 0.01	44.06 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.31 2.34 0.01	37.23 2.27 0.01	35.97 2.26 0.01	36.72 2.31 0.01	40.16 2.63 0.01	47.08 3.29 0.01	57.91 3.64 0.01	67.01 3.73 0.01	63.45 3.53 0.01	51.20 2.71 0.01	45.36 2.40 -0.01	42.32 1.71 -0.01
NYS_BARGE____HYD 23848	36.63 -2.59 0.00	35.11 -2.24 0.00	34.22 -1.80 0.00	34.05 -1.79 0.00	34.45 -1.97 0.00	38.04 -2.51 0.00	49.32 -4.23 0.00	55.95 -5.06 0.00	49.71 -4.56 0.00	37.93 -3.25 0.00	36.21 -2.73 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.34 -2.62 0.00	31.19 -2.53 0.00	32.05 -2.37 0.00	34.95 -2.59 0.00	40.08 -3.72 0.00	49.55 -4.72 0.00	59.74 -3.54 0.00	56.51 -3.41 0.00	45.39 -3.10 0.00	40.54 -2.40 0.00	39.18 -1.42 0.00

OAK ORCHARD___HYD 24046	37.93 -1.29 0.00	36.23 -1.12 0.00	35.19 -0.83 0.00	35.02 -0.82 0.00	35.51 -0.91 0.00	39.34 -1.22 0.00	51.47 -2.09 0.00	58.57 -2.44 0.00	52.15 -2.12 0.00	39.67 -1.52 0.00	37.81 -1.13 0.00	36.26 -1.04 0.00	33.82 -1.15 0.00	33.78 -1.19 0.00	32.50 -1.21 0.00	33.42 -1.00 0.00	36.37 -1.16 0.00	42.05 -1.75 0.00	52.00 -2.28 0.00	61.89 -1.39 0.00	58.54 -1.38 0.00	46.99 -1.50 0.00	41.70 -1.25 0.00	39.91 -0.69 0.00
OAKDALE___35_KV_LOAD 356122	39.10 -0.12 0.00	37.27 -0.07 0.00	36.02 0.00 0.00	35.88 0.04 0.00	36.41 0.00 0.00	40.47 -0.08 0.00	53.50 -0.05 0.00	60.89 -0.12 0.00	53.94 -0.33 0.00	40.94 -0.25 0.00	38.75 -0.19 0.00	37.15 -0.15 0.00	34.73 -0.24 0.00	34.72 -0.24 0.00	33.45 -0.27 0.00	34.22 -0.21 0.00	37.39 -0.15 0.00	43.59 -0.22 0.00	54.11 -0.16 0.00	63.60 0.32 0.00	60.16 0.24 0.00	48.54 0.05 0.00	42.99 0.04 0.00	40.81 0.20 0.00
OCC_CHEM___DRP 24175	36.28 -2.94 0.00	34.84 -2.50 0.00	33.89 -2.13 0.00	33.84 -2.01 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.74 -4.82 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.83 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.10 -2.87 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.38 -3.15 0.00	39.64 -4.16 0.00	49.12 -5.16 0.00	59.11 -4.18 0.00	55.79 -4.13 0.00	44.81 -3.69 0.00	40.07 -2.88 0.00	38.74 -1.87 0.00
OH_GEN_PROXY 24063	36.59 -2.63 0.00	35.07 -2.28 0.00	34.15 -1.87 0.00	34.02 -1.83 0.00	34.41 -2.00 0.00	38.00 -2.55 0.00	49.17 -4.39 0.00	55.83 -5.19 0.00	49.60 -4.67 0.00	37.89 -3.30 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.34 -2.62 0.00	31.19 -2.53 0.00	32.01 -2.41 0.00	34.91 -2.63 0.00	40.04 -3.77 0.00	49.45 -4.83 0.00	59.36 -3.92 0.00	56.20 -3.72 0.00	45.15 -3.35 0.00	40.32 -2.62 0.00	39.02 -1.58 0.00
OLIN_CORP_DRP 24177	36.20 -3.02 0.00	34.77 -2.58 0.00	33.82 -2.20 0.00	33.77 -2.08 0.00	34.05 -2.37 0.00	37.59 -2.96 0.00	48.68 -4.87 0.00	55.09 -5.92 0.00	49.00 -5.26 0.00	37.44 -3.75 0.00	35.75 -3.19 0.00	34.47 -2.83 0.00	32.04 -2.94 0.00	32.03 -2.94 0.00	30.82 -2.90 0.00	31.64 -2.79 0.00	34.35 -3.19 0.00	39.60 -4.21 0.00	49.07 -5.21 0.00	59.11 -4.18 0.00	55.79 -4.13 0.00	44.81 -3.69 0.00	40.07 -2.88 0.00	38.70 -1.91 0.00
OLIN_CORP_DSASP 323712	36.28 -2.94 0.00	34.77 -2.58 0.00	33.89 -2.13 0.00	33.76 -2.08 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.63 -4.93 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.82 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.03 -2.94 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.57 -2.97 0.00	39.60 -4.21 0.00	48.85 -5.43 0.00	58.79 -4.49 0.00	55.61 -4.31 0.00	44.66 -3.83 0.00	39.98 -2.96 0.00	38.74 -1.87 0.00
ONEIDA_HERK_LFGE 323681	39.61 0.39 0.00	37.68 0.34 0.00	36.42 0.40 0.00	36.17 0.32 0.00	36.78 0.36 0.00	41.04 0.49 0.00	54.47 0.91 0.00	62.23 1.22 0.00	55.13 0.87 0.00	41.69 0.50 0.00	39.29 0.35 0.00	37.57 0.26 0.00	34.97 0.00 0.00	35.07 0.11 0.00	33.78 0.07 0.00	34.35 -0.07 0.00	37.50 -0.04 0.00	43.98 0.18 0.00	54.76 0.49 0.00	64.36 1.07 0.00	60.82 0.90 0.00	49.17 0.68 0.00	43.63 0.68 0.00	41.37 0.77 0.00
ONEIDA___115KV_TB4 55905	40.08 0.86 0.00	38.17 0.82 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.53 0.97 0.00	55.00 1.45 0.00	62.72 1.71 0.00	55.67 1.41 0.00	42.14 0.95 0.00	39.80 0.86 0.00	38.09 0.78 0.00	35.53 0.56 0.00	35.56 0.59 0.00	34.25 0.54 0.00	35.01 0.59 0.00	38.18 0.64 0.00	44.68 0.88 0.00	55.63 1.36 0.00	65.37 2.09 0.00	61.72 1.80 0.00	49.85 1.36 0.00	44.10 1.16 0.00	41.66 1.06 0.00
ONONDAGA_REF_OCCRA 23987	39.06 -0.16 0.00	37.23 -0.11 0.00	35.95 -0.07 0.00	35.77 -0.07 0.00	36.30 -0.11 0.00	40.39 -0.16 0.00	53.40 -0.16 0.00	60.89 -0.12 0.00	54.16 -0.11 0.00	41.07 -0.12 0.00	38.90 -0.04 0.00	37.34 0.04 0.00	34.94 -0.03 0.00	34.93 -0.03 0.00	33.61 -0.10 0.00	34.39 -0.03 0.00	37.39 -0.15 0.00	43.59 -0.22 0.00	54.06 -0.22 0.00	63.35 0.06 0.00	59.86 -0.06 0.00	48.30 -0.19 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00
ONONDAGA___COGEN 23986	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.43 -0.12 0.00	53.45 -0.11 0.00	60.89 -0.12 0.00	54.21 -0.05 0.00	41.11 -0.08 0.00	38.98 0.04 0.00	37.38 0.07 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.42 0.00 0.00	37.42 -0.11 0.00	43.59 -0.22 0.00	54.06 -0.22 0.00	63.35 0.06 0.00	59.86 -0.06 0.00	48.30 -0.19 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00
ONTARIO___LFGE 23819	38.90 -0.32 0.00	37.16 -0.19 0.00	35.95 -0.07 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.47 -0.08 0.00	53.56 0.00 0.00	60.65 -0.36 0.00	54.05 -0.22 0.00	40.86 -0.33 0.00	38.75 -0.19 0.00	37.15 -0.15 0.00	34.66 -0.32 0.00	34.62 -0.35 0.00	33.31 -0.40 0.00	34.15 -0.28 0.00	37.24 -0.30 0.00	43.41 -0.40 0.00	53.73 -0.54 0.00	63.73 0.45 0.00	60.16 0.24 0.00	48.59 0.10 0.00	42.94 0.00 0.00	40.85 0.25 0.00
ORANGEVILLE_WT_PWR 323706	36.40 -2.82 0.00	34.88 -2.47 0.00	33.89 -2.13 0.00	33.80 -2.04 0.00	34.23 -2.18 0.00	38.00 -2.55 0.00	49.65 -3.91 0.00	56.31 -4.70 0.00	49.98 -4.29 0.00	37.89 -3.30 0.00	35.98 -2.96 0.00	34.58 -2.72 0.00	32.18 -2.80 0.00	32.10 -2.87 0.00	30.92 -2.80 0.00	31.77 -2.65 0.00	34.72 -2.82 0.00	40.26 -3.55 0.00	50.10 -4.18 0.00	60.38 -2.91 0.00	57.28 -2.64 0.00	46.17 -2.33 0.00	41.14 -1.80 0.00	39.71 -0.89 0.00
ORANGEVILLE___ESR 323794	36.40 -2.82 0.00	34.88 -2.47 0.00	33.89 -2.13 0.00	33.80 -2.04 0.00	34.23 -2.18 0.00	38.00 -2.55 0.00	49.65 -3.91 0.00	56.31 -4.70 0.00	49.98 -4.29 0.00	37.89 -3.30 0.00	35.98 -2.96 0.00	34.58 -2.72 0.00	32.18 -2.80 0.00	32.10 -2.87 0.00	30.92 -2.80 0.00	31.77 -2.65 0.00	34.72 -2.82 0.00	40.26 -3.55 0.00	50.10 -4.18 0.00	60.38 -2.91 0.00	57.28 -2.64 0.00	46.17 -2.33 0.00	41.14 -1.80 0.00	39.71 -0.89 0.00
OSWEGATCHIE___HYD 24044	38.16 -1.06 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	34.95 -0.89 0.00	35.58 -0.84 0.00	39.78 -0.77 0.00	52.70 -0.86 0.00	59.85 -1.16 0.00	52.85 -1.41 0.00	39.83 -1.36 0.00	37.54 -1.40 0.00	35.85 -1.46 0.00	33.51 -1.47 0.00	33.57 -1.40 0.00	32.40 -1.32 0.00	32.63 -1.79 0.00	35.62 -1.91 0.00	41.92 -1.88 0.00	52.38 -1.90 0.00	61.58 -1.71 0.00	58.42 -1.50 0.00	47.47 -1.02 0.00	42.17 -0.77 0.00	40.24 -0.37 0.00
OSWEGO___5 23606	38.39 -0.83 0.00	36.60 -0.75 0.00	35.33 -0.69 0.00	35.16 -0.68 0.00	35.72 -0.69 0.00	39.66 -0.89 0.00	52.38 -1.18 0.00	59.67 -1.34 0.00	53.07 -1.19 0.00	40.28 -0.91 0.00	38.20 -0.74 0.00	36.63 -0.67 0.00	34.31 -0.67 0.00	34.27 -0.70 0.00	33.04 -0.67 0.00	33.77 -0.66 0.00	36.71 -0.83 0.00	42.67 -1.14 0.00	52.87 -1.41 0.00	61.95 -1.33 0.00	58.54 -1.38 0.00	47.33 -1.16 0.00	41.87 -1.07 0.00	39.67 -0.93 0.00

OSWEGO___6 23613	38.39 -0.83 0.00	36.60 -0.75 0.00	35.33 -0.69 0.00	35.16 -0.68 0.00	35.72 -0.69 0.00	39.66 -0.89 0.00	52.38 -1.18 0.00	59.67 -1.34 0.00	53.07 -1.19 0.00	40.28 -0.91 0.00	38.20 -0.74 0.00	36.63 -0.67 0.00	34.31 -0.67 0.00	34.27 -0.70 0.00	33.04 -0.67 0.00	33.77 -0.66 0.00	36.71 -0.83 0.00	42.67 -1.14 0.00	52.87 -1.41 0.00	61.95 -1.33 0.00	58.54 -1.38 0.00	47.33 -1.16 0.00	41.87 -1.07 0.00	39.67 -0.93 0.00
OUTOKUMPU-AB___DRP 24206	37.02 -2.20 0.00	35.52 -1.83 0.00	34.54 -1.48 0.00	34.48 -1.36 0.00	34.78 -1.64 0.00	38.40 -2.15 0.00	49.86 -3.70 0.00	56.50 -4.51 0.00	50.19 -4.07 0.00	38.31 -2.88 0.00	36.60 -2.34 0.00	35.33 -1.98 0.00	32.81 -2.17 0.00	32.80 -2.17 0.00	31.56 -2.16 0.00	32.39 -2.03 0.00	35.14 -2.40 0.00	40.52 -3.29 0.00	50.32 -3.96 0.00	60.63 -2.66 0.00	57.22 -2.70 0.00	45.97 -2.52 0.00	41.10 -1.85 0.00	39.63 -0.97 0.00
OXBOW___BTM 323836	36.59 -2.63 0.00	35.07 -2.28 0.00	34.15 -1.87 0.00	34.02 -1.83 0.00	34.38 -2.04 0.00	37.96 -2.60 0.00	49.11 -4.44 0.00	55.70 -5.31 0.00	49.54 -4.72 0.00	37.85 -3.33 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.34 -2.62 0.00	31.19 -2.53 0.00	32.01 -2.41 0.00	34.87 -2.66 0.00	39.99 -3.81 0.00	49.39 -4.88 0.00	59.49 -3.80 0.00	56.26 -3.66 0.00	45.19 -3.30 0.00	40.41 -2.53 0.00	39.10 -1.50 0.00
OXBOW____ 24026	36.59 -2.63 0.00	35.10 -2.24 0.00	34.15 -1.87 0.00	34.09 -1.76 0.00	34.37 -2.04 0.00	37.96 -2.60 0.00	49.22 -4.34 0.00	55.70 -5.31 0.00	49.54 -4.72 0.00	37.85 -3.34 0.00	36.18 -2.76 0.00	34.88 -2.42 0.00	32.42 -2.55 0.00	32.41 -2.55 0.00	31.19 -2.53 0.00	32.01 -2.41 0.00	34.72 -2.82 0.00	39.99 -3.81 0.00	49.66 -4.61 0.00	59.81 -3.48 0.00	56.38 -3.54 0.00	45.34 -3.15 0.00	40.54 -2.40 0.00	39.14 -1.46 0.00
OXY_CHEM_DSASP 323612	36.28 -2.94 0.00	34.84 -2.50 0.00	33.89 -2.13 0.00	33.84 -2.01 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.74 -4.82 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.83 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.10 -2.87 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.38 -3.15 0.00	39.64 -4.16 0.00	49.12 -5.16 0.00	59.11 -4.18 0.00	55.79 -4.13 0.00	44.81 -3.69 0.00	40.07 -2.88 0.00	38.74 -1.87 0.00
OZONE_PARK_ESR 323760	41.46 2.24 0.00	39.32 1.98 0.00	37.75 1.73 0.00	37.49 1.65 0.00	38.13 1.71 0.00	42.66 2.11 0.00	56.93 3.37 0.00	65.22 4.21 0.00	58.06 3.80 0.00	44.36 3.17 0.00	41.78 2.84 0.00	39.99 2.69 0.00	37.49 2.52 0.00	37.41 2.45 0.00	36.14 2.43 0.00	36.90 2.48 0.00	40.43 2.89 0.00	47.35 3.55 0.00	58.29 4.02 0.00	67.59 4.30 0.00	63.99 4.07 0.00	51.64 3.15 0.00	45.69 2.75 0.00	42.64 2.03 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	36.28 -2.94 0.00	34.84 -2.50 0.00	33.89 -2.13 0.00	33.84 -2.01 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.74 -4.82 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.83 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.10 -2.87 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.38 -3.15 0.00	39.64 -4.16 0.00	49.12 -5.16 0.00	59.11 -4.18 0.00	55.79 -4.13 0.00	44.81 -3.69 0.00	40.07 -2.88 0.00	38.74 -1.87 0.00
PACKARD__115KV_DUPONT_184 80571	36.28 -2.94 0.00	34.84 -2.50 0.00	33.89 -2.13 0.00	33.84 -2.01 0.00	34.12 -2.29 0.00	37.67 -2.88 0.00	48.74 -4.82 0.00	55.15 -5.86 0.00	49.05 -5.21 0.00	37.48 -3.71 0.00	35.83 -3.12 0.00	34.54 -2.76 0.00	32.11 -2.87 0.00	32.10 -2.87 0.00	30.88 -2.83 0.00	31.70 -2.72 0.00	34.38 -3.15 0.00	39.64 -4.16 0.00	49.12 -5.16 0.00	59.11 -4.18 0.00	55.79 -4.13 0.00	44.81 -3.69 0.00	40.07 -2.88 0.00	38.74 -1.87 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	41.27 2.04 -0.01	39.18 1.83 -0.01	37.61 1.58 -0.01	37.39 1.54 -0.01	37.99 1.57 -0.01	42.46 1.91 0.00	56.55 3.00 0.01	64.79 3.78 0.01	57.73 3.47 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.27 2.31 0.01	37.16 2.20 0.01	35.90 2.19 0.01	36.69 2.27 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.91 3.64 0.01	67.08 3.80 0.01	63.45 3.54 0.01	51.30 2.81 0.01	45.40 2.45 -0.01	42.36 1.75 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	41.31 2.08 -0.01	39.22 1.87 -0.01	37.68 1.66 -0.01	37.47 1.61 -0.01	38.06 1.64 -0.01	42.54 1.99 0.00	56.65 3.11 0.01	64.91 3.90 0.01	57.73 3.47 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.27 2.31 0.01	37.16 2.20 0.01	35.90 2.19 0.01	36.65 2.24 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.91 3.64 0.01	67.14 3.86 0.01	63.63 3.72 0.01	51.44 2.96 0.01	45.57 2.62 -0.01	42.60 1.99 -0.01
PATROON__115KV_TB1 80586	40.32 1.10 0.00	38.28 0.93 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.61 1.05 0.00	54.89 1.34 0.00	62.84 1.83 0.00	55.89 1.63 0.00	42.34 1.15 0.00	39.99 1.05 0.00	38.35 1.04 0.00	35.99 1.01 0.00	35.98 1.01 0.00	34.73 1.01 0.00	35.49 1.07 0.00	38.78 1.24 0.00	45.16 1.36 0.00	55.96 1.68 0.00	64.87 1.58 0.00	61.36 1.44 0.00	49.70 1.21 0.00	43.89 0.94 0.00	41.38 0.77 0.00
PATTRSNVILLE___SOLAR 323815	40.91 1.69 0.00	38.88 1.53 0.00	37.42 1.40 0.00	37.24 1.40 0.00	37.87 1.46 0.00	42.29 1.74 0.00	55.91 2.35 0.00	63.88 2.87 0.00	56.65 2.38 0.00	42.71 1.52 0.00	40.30 1.36 0.00	38.50 1.19 0.00	36.09 1.12 0.00	36.05 1.09 0.00	34.76 1.05 0.00	35.59 1.17 0.00	38.96 1.43 0.00	45.78 1.97 0.00	56.99 2.71 0.00	66.39 3.10 0.00	62.80 2.88 0.00	50.82 2.33 0.00	44.88 1.93 0.00	42.35 1.74 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	37.49 -1.73 0.00	36.00 -1.34 0.00	34.98 -1.04 0.00	34.91 -0.93 0.00	35.25 -1.17 0.00	38.97 -1.58 0.00	50.88 -2.68 0.00	57.59 -3.42 0.00	51.17 -3.09 0.00	38.97 -2.22 0.00	37.19 -1.75 0.00	35.85 -1.45 0.00	33.30 -1.68 0.00	33.29 -1.68 0.00	32.03 -1.69 0.00	32.87 -1.55 0.00	35.62 -1.91 0.00	41.18 -2.63 0.00	51.24 -3.04 0.00	61.70 -1.58 0.00	58.18 -1.74 0.00	46.84 -1.65 0.00	41.74 -1.20 0.00	40.28 -0.32 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	41.26 2.04 0.00	39.21 1.87 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.02 1.60 0.00	42.54 1.99 0.00	56.50 2.95 0.00	64.67 3.66 0.00	57.57 3.31 0.00	43.87 2.68 0.00	41.32 2.38 0.00	39.58 2.28 0.00	37.07 2.10 0.00	36.99 2.03 0.00	35.74 2.02 0.00	36.56 2.13 0.00	40.01 2.48 0.00	46.96 3.15 0.00	57.91 3.64 0.00	67.21 3.92 0.00	63.52 3.60 0.00	51.26 2.76 0.00	45.35 2.40 0.00	42.47 1.87 0.00
PEEKSKILL____ 23653	40.75 1.53 0.00	38.76 1.42 0.00	37.17 1.15 0.00	36.88 1.04 0.00	37.58 1.16 0.00	42.01 1.46 0.00	55.86 2.30 0.00	63.88 2.87 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.93 1.98 0.00	39.17 1.86 0.00	36.72 1.75 0.00	36.68 1.71 0.00	35.40 1.69 0.00	36.14 1.72 0.00	39.56 2.03 0.00	46.34 2.54 0.00	57.10 2.82 0.00	66.20 2.91 0.00	62.62 2.70 0.00	50.58 2.08 0.00	44.83 1.89 0.00	42.03 1.42 0.00

PGE MADISON___WINDPWR 24146	41.61 2.39 0.00	39.66 2.32 0.00	38.36 2.34 0.00	38.07 2.22 0.00	38.78 2.37 0.00	43.27 2.72 0.00	57.68 4.12 0.00	65.46 4.45 0.00	57.74 3.48 0.00	43.41 2.22 0.00	40.73 1.79 0.00	38.94 1.64 0.00	36.06 1.09 0.00	36.19 1.22 0.00	34.79 1.08 0.00	35.87 1.45 0.00	39.27 1.73 0.00	46.30 2.50 0.00	58.13 3.85 0.00	69.36 6.08 0.00	65.32 5.40 0.00	52.66 4.17 0.00	46.42 3.48 0.00	43.73 3.13 0.00
PIERCEFIELD___HYD 23852	38.08 -1.14 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.98 -0.86 0.00	35.58 -0.84 0.00	39.82 -0.73 0.00	52.48 -1.07 0.00	59.30 -1.71 0.00	52.53 -1.74 0.00	39.62 -1.57 0.00	37.42 -1.52 0.00	35.74 -1.57 0.00	33.51 -1.47 0.00	33.53 -1.43 0.00	32.40 -1.31 0.00	32.87 -1.55 0.00	35.89 -1.65 0.00	42.18 -1.62 0.00	52.65 -1.63 0.00	61.70 -1.58 0.00	58.60 -1.32 0.00	47.81 -0.68 0.00	42.39 -0.56 0.00	40.20 -0.41 0.00
PINELAWN_CC_1 323563	41.65 2.43 0.00	39.70 2.35 0.00	37.82 1.80 0.00	37.46 1.61 0.00	38.20 1.78 0.00	43.24 2.68 -0.01	56.77 3.21 0.00	65.34 4.33 0.00	58.22 3.96 0.00	44.44 3.25 0.00	41.86 2.92 0.00	39.91 2.61 0.00	37.28 2.31 0.00	37.34 2.38 0.00	36.01 2.29 0.00	36.94 2.51 0.00	40.58 3.04 0.00	47.76 3.94 -0.01	58.78 4.50 0.00	67.08 3.80 0.00	64.00 4.08 0.00	51.64 3.15 0.00	46.00 3.05 -0.01	42.96 2.35 0.00
PJM_GEN_HTP_PROXY 323702	41.14 1.92 0.00	39.10 1.76 0.00	37.50 1.48 0.00	37.17 1.33 0.00	37.91 1.49 0.00	42.38 1.83 0.00	56.50 2.94 0.00	64.67 3.66 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.51 2.57 0.00	39.73 2.42 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.87 2.16 0.00	36.66 2.24 0.00	40.09 2.55 0.00	47.00 3.20 0.00	57.80 3.53 0.00	66.96 3.67 0.00	63.33 3.41 0.00	51.16 2.67 0.00	45.30 2.36 0.00	42.43 1.83 0.00
PJM_GEN_KEystone 24065	38.95 -0.27 0.00	37.16 -0.19 0.00	35.88 -0.14 0.00	35.63 -0.21 0.00	36.20 -0.22 0.00	40.31 -0.24 0.00	53.24 -0.32 0.00	60.65 -0.36 0.00	53.94 -0.32 0.00	41.11 -0.08 0.00	38.94 0.00 0.00	37.30 0.00 0.00	34.87 -0.10 0.00	34.79 -0.17 0.00	33.58 -0.13 0.00	34.35 -0.07 0.00	37.50 -0.04 0.00	43.63 -0.17 0.00	53.90 -0.38 0.00	63.41 0.13 0.00	59.92 0.00 0.00	48.35 -0.15 0.00	42.94 0.00 0.00	40.77 0.16 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.26 2.04 0.00	39.29 1.94 0.00	37.50 1.48 0.00	37.17 1.33 0.00	37.87 1.46 0.00	42.71 2.15 -0.01	56.23 2.68 0.00	64.61 3.60 0.00	57.63 3.37 0.00	44.03 2.84 0.00	41.51 2.57 0.00	39.62 2.31 0.00	37.04 2.06 0.00	37.06 2.10 0.00	35.74 2.02 0.00	36.63 2.21 0.00	40.20 2.67 0.00	47.23 3.42 -0.01	58.08 3.80 0.00	66.51 3.23 0.00	63.27 3.35 0.00	51.11 2.62 0.00	45.53 2.58 -0.01	42.51 1.91 0.00
PJM_GEN_VFT_PROXY 323633	40.91 1.69 0.00	38.88 1.53 0.00	37.28 1.26 0.00	36.96 1.11 0.00	37.69 1.27 0.00	42.13 1.58 0.00	56.23 2.68 0.00	64.36 3.35 0.00	57.36 3.09 0.00	43.83 2.64 0.00	41.32 2.38 0.00	39.54 2.24 0.00	37.07 2.10 0.00	36.99 2.03 0.00	35.70 1.99 0.00	36.49 2.07 0.00	39.90 2.37 0.00	46.78 2.98 0.00	57.48 3.20 0.00	66.57 3.29 0.00	62.97 3.05 0.00	50.92 2.42 0.00	45.09 2.15 0.00	42.19 1.58 0.00
PLATSBURG_115KV_PMLD1 355749	37.85 -1.37 0.00	36.30 -1.05 0.00	35.16 -0.86 0.00	35.16 -0.68 0.00	35.72 -0.69 0.00	39.90 -0.65 0.00	52.48 -1.07 0.00	58.45 -2.56 0.00	52.47 -1.79 0.00	39.38 -1.81 0.00	37.07 -1.87 0.00	35.36 -1.94 0.00	33.16 -1.82 0.00	33.22 -1.75 0.00	32.13 -1.58 0.00	32.77 -1.65 0.00	35.96 -1.58 0.00	42.40 -1.40 0.00	53.19 -1.09 0.00	61.58 -1.71 0.00	58.78 -1.14 0.00	48.69 0.19 0.00	43.16 0.21 0.00	40.89 0.28 0.00
PLEASANTVLY___LBMP 24000	40.79 1.57 0.00	38.73 1.38 0.00	37.21 1.19 0.00	36.99 1.15 0.00	37.62 1.20 0.00	42.05 1.50 0.00	55.75 2.20 0.00	63.88 2.87 0.00	56.81 2.55 0.00	43.29 2.10 0.00	40.81 1.87 0.00	39.06 1.75 0.00	36.65 1.68 0.00	36.57 1.61 0.00	35.30 1.58 0.00	36.08 1.65 0.00	39.53 1.99 0.00	46.26 2.45 0.00	56.99 2.71 0.00	66.01 2.72 0.00	62.50 2.58 0.00	50.48 1.99 0.00	44.70 1.76 0.00	41.90 1.30 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	41.02 1.80 0.00	38.95 1.61 0.00	37.39 1.37 0.00	37.17 1.33 0.00	37.80 1.38 0.00	42.30 1.74 0.00	56.18 2.62 0.00	64.43 3.42 0.00	57.30 3.04 0.00	43.74 2.55 0.00	41.20 2.26 0.00	39.43 2.13 0.00	36.97 1.99 0.00	36.89 1.92 0.00	35.64 1.92 0.00	36.39 1.96 0.00	39.86 2.33 0.00	46.70 2.89 0.00	57.53 3.26 0.00	66.64 3.35 0.00	63.04 3.12 0.00	50.92 2.42 0.00	45.05 2.10 0.00	42.19 1.58 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	41.02 1.80 0.00	38.95 1.61 0.00	37.39 1.37 0.00	37.17 1.33 0.00	37.80 1.38 0.00	42.30 1.74 0.00	56.18 2.62 0.00	64.43 3.42 0.00	57.30 3.04 0.00	43.74 2.55 0.00	41.20 2.26 0.00	39.43 2.13 0.00	36.97 1.99 0.00	36.89 1.92 0.00	35.64 1.92 0.00	36.39 1.96 0.00	39.86 2.33 0.00	46.70 2.89 0.00	57.53 3.26 0.00	66.64 3.35 0.00	63.04 3.12 0.00	50.92 2.42 0.00	45.05 2.10 0.00	42.19 1.58 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.95 1.73 0.00	38.88 1.53 0.00	37.35 1.33 0.00	37.14 1.29 0.00	37.72 1.31 0.00	42.21 1.66 0.00	56.02 2.46 0.00	64.12 3.11 0.00	57.03 2.77 0.00	43.41 2.22 0.00	40.85 1.91 0.00	39.09 1.79 0.00	36.69 1.71 0.00	36.64 1.68 0.00	35.37 1.65 0.00	36.14 1.72 0.00	39.60 2.06 0.00	46.43 2.63 0.00	57.32 3.04 0.00	66.45 3.16 0.00	62.86 2.94 0.00	50.72 2.23 0.00	44.92 1.98 0.00	42.11 1.50 0.00
POLETTI___ 23519	41.14 1.92 0.00	39.06 1.72 0.00	37.50 1.48 0.00	37.28 1.43 0.00	37.87 1.46 0.00	42.38 1.82 0.00	56.45 2.89 0.00	64.67 3.66 0.00	57.57 3.31 0.00	43.99 2.80 0.00	41.47 2.53 0.00	39.69 2.39 0.00	37.21 2.24 0.00	37.13 2.17 0.00	35.87 2.16 0.00	36.63 2.20 0.00	40.09 2.55 0.00	46.96 3.15 0.00	57.75 3.47 0.00	66.89 3.61 0.00	63.28 3.36 0.00	51.16 2.67 0.00	45.26 2.32 0.00	42.31 1.71 0.00
POMONA___ESR 323819	40.75 1.53 0.00	38.73 1.38 0.00	37.17 1.15 0.00	36.88 1.04 0.00	37.58 1.16 0.00	42.01 1.46 0.00	55.86 2.30 0.00	63.88 2.87 0.00	56.92 2.66 0.00	43.41 2.22 0.00	40.93 1.98 0.00	39.13 1.83 0.00	36.69 1.71 0.00	36.64 1.68 0.00	35.37 1.65 0.00	36.14 1.72 0.00	39.53 1.99 0.00	46.34 2.54 0.00	57.10 2.82 0.00	66.26 2.98 0.00	62.68 2.76 0.00	50.58 2.08 0.00	44.83 1.89 0.00	42.03 1.42 0.00
PORT_JEFF_3 23555	41.85 2.63 0.00	40.00 2.65 0.00	37.96 1.94 0.00	37.60 1.76 0.00	38.38 1.97 0.00	43.64 3.08 -0.01	57.04 3.48 0.00	65.71 4.70 0.00	58.76 4.50 0.00	44.82 3.63 0.00	42.17 3.23 0.00	40.17 2.87 0.00	37.49 2.52 0.00	37.59 2.62 0.00	36.24 2.53 0.00	37.21 2.79 0.00	40.92 3.38 0.00	48.19 4.38 -0.01	59.44 5.16 0.00	67.15 3.86 0.00	64.42 4.50 0.00	51.89 3.39 0.00	46.30 3.35 -0.01	43.16 2.56 0.00

PORT_JEFF_4 23616	41.69 2.47 0.00	39.85 2.50 0.00	37.86 1.84 0.00	37.46 1.61 0.00	38.27 1.86 0.00	43.52 2.96 -0.01	56.82 3.27 0.00	65.53 4.51 0.00	58.61 4.34 0.00	44.69 3.50 0.00	42.06 3.12 0.00	40.06 2.76 0.00	37.42 2.45 0.00	37.48 2.52 0.00	36.14 2.43 0.00	37.11 2.69 0.00	40.77 3.23 0.00	48.02 4.21 -0.01	59.22 4.94 0.00	66.83 3.54 0.00	64.11 4.19 0.00	51.69 3.20 0.00	46.13 3.18 -0.01	43.00 2.40 0.00
PORT_JEFF_IC 23713	41.81 2.59 0.00	39.62 2.28 0.00	37.93 1.91 0.00	37.64 1.79 0.00	38.34 1.93 0.00	43.59 3.04 0.00	56.98 3.43 0.00	65.77 4.76 0.00	58.71 4.45 0.00	44.86 3.67 0.00	42.17 3.23 0.00	40.14 2.83 0.00	37.49 2.52 0.00	37.45 2.48 0.00	36.21 2.49 0.00	37.18 2.75 0.00	40.95 3.42 0.00	48.14 4.34 0.00	59.33 5.05 0.00	67.08 3.80 0.00	64.41 4.49 0.00	51.89 3.39 0.00	46.25 3.31 0.00	42.92 2.31 0.00
PPL PILGRIM_ST_GT1 24216	41.89 2.67 0.00	39.96 2.61 0.00	38.04 2.02 0.00	37.64 1.79 0.00	38.38 1.97 0.00	43.56 3.00 -0.01	57.09 3.53 0.00	65.77 4.76 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.14 2.83 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.27 4.99 0.00	67.34 4.05 0.00	64.42 4.50 0.00	51.94 3.44 0.00	46.30 3.35 -0.01	43.21 2.60 0.00
PPL PILGRIM_ST_GT2 24217	41.89 2.67 0.00	39.96 2.61 0.00	38.04 2.02 0.00	37.64 1.79 0.00	38.38 1.97 0.00	43.56 3.00 -0.01	57.09 3.53 0.00	65.77 4.76 0.00	58.71 4.45 0.00	44.73 3.54 0.00	42.13 3.19 0.00	40.14 2.83 0.00	37.46 2.48 0.00	37.55 2.59 0.00	36.17 2.46 0.00	37.14 2.72 0.00	40.84 3.30 0.00	48.11 4.30 -0.01	59.27 4.99 0.00	67.34 4.05 0.00	64.42 4.50 0.00	51.94 3.44 0.00	46.30 3.35 -0.01	43.21 2.60 0.00
PPL_SHRM_GT3 24213	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.56 3.00 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.66 4.39 0.00	44.65 3.46 0.00	42.02 3.08 0.00	39.99 2.69 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.98 4.16 -0.01	59.16 4.89 0.00	65.88 2.60 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.91 2.96 -0.01	42.80 2.19 0.00
PPL_SHRM_GT4 24214	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.56 3.00 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.66 4.39 0.00	44.65 3.46 0.00	42.02 3.08 0.00	39.99 2.69 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.98 4.16 -0.01	59.16 4.89 0.00	65.88 2.60 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.91 2.96 -0.01	42.80 2.19 0.00
PROJECT___ORANGE 1 24174	38.95 -0.27 0.00	37.12 -0.22 0.00	35.84 -0.18 0.00	35.70 -0.14 0.00	36.20 -0.22 0.00	40.27 -0.28 0.00	53.23 -0.32 0.00	60.65 -0.37 0.00	53.99 -0.27 0.00	40.98 -0.21 0.00	38.86 -0.08 0.00	37.27 -0.04 0.00	34.90 -0.07 0.00	34.86 -0.10 0.00	33.58 -0.13 0.00	34.32 -0.10 0.00	37.31 -0.23 0.00	43.41 -0.39 0.00	53.84 -0.43 0.00	63.10 -0.19 0.00	59.62 -0.30 0.00	48.10 -0.39 0.00	42.56 -0.39 0.00	40.36 -0.24 0.00
PROJECT___ORANGE 2 24166	38.95 -0.27 0.00	37.12 -0.22 0.00	35.84 -0.18 0.00	35.70 -0.14 0.00	36.20 -0.22 0.00	40.27 -0.28 0.00	53.23 -0.32 0.00	60.65 -0.37 0.00	53.99 -0.27 0.00	40.98 -0.21 0.00	38.86 -0.08 0.00	37.27 -0.04 0.00	34.90 -0.07 0.00	34.86 -0.10 0.00	33.58 -0.13 0.00	34.32 -0.10 0.00	37.31 -0.23 0.00	43.41 -0.39 0.00	53.84 -0.43 0.00	63.10 -0.19 0.00	59.62 -0.30 0.00	48.10 -0.39 0.00	42.56 -0.39 0.00	40.36 -0.24 0.00
PUCKETT___SOLAR 323809	39.73 0.51 0.00	37.91 0.56 0.00	36.63 0.61 0.00	36.45 0.61 0.00	37.03 0.62 0.00	41.24 0.69 0.00	54.63 1.07 0.00	62.11 1.10 0.00	54.97 0.70 0.00	41.60 0.41 0.00	39.29 0.35 0.00	37.64 0.33 0.00	35.11 0.14 0.00	35.11 0.14 0.00	33.82 0.10 0.00	34.67 0.24 0.00	37.91 0.38 0.00	44.33 0.53 0.00	55.14 0.87 0.00	65.06 1.77 0.00	61.42 1.50 0.00	49.56 1.07 0.00	43.85 0.90 0.00	41.54 0.93 0.00
PYRITES___HYD 24023	38.95 -0.27 0.00	37.16 -0.19 0.00	35.95 -0.07 0.00	35.81 -0.04 0.00	36.41 0.00 0.00	40.75 0.20 0.00	53.77 0.21 0.00	60.77 -0.24 0.00	53.72 -0.54 0.00	40.45 -0.74 0.00	38.16 -0.78 0.00	36.41 -0.90 0.00	34.10 -0.87 0.00	34.13 -0.84 0.00	33.01 -0.71 0.00	33.53 -0.90 0.00	36.64 -0.90 0.00	43.15 -0.66 0.00	53.95 -0.33 0.00	63.41 0.13 0.00	60.22 0.30 0.00	49.03 0.53 0.00	43.42 0.47 0.00	41.13 0.53 0.00
QUAKERRD_115KV_BK1 80622	37.46 -1.76 0.00	35.78 -1.57 0.00	34.65 -1.37 0.00	34.55 -1.29 0.00	34.99 -1.42 0.00	38.81 -1.74 0.00	51.04 -2.52 0.00	58.08 -2.93 0.00	51.71 -2.55 0.00	39.34 -1.85 0.00	37.42 -1.52 0.00	35.85 -1.45 0.00	33.47 -1.50 0.00	33.46 -1.50 0.00	32.16 -1.55 0.00	32.98 -1.45 0.00	35.81 -1.73 0.00	41.61 -2.19 0.00	51.56 -2.71 0.00	61.20 -2.09 0.00	57.76 -2.16 0.00	46.41 -2.09 0.00	41.18 -1.76 0.00	39.22 -1.38 0.00
QUEENSBRY_115KV_TB8 356137	41.77 2.55 0.00	39.66 2.32 0.00	38.11 2.09 0.00	37.92 2.08 0.00	38.64 2.22 0.00	43.27 2.72 0.00	57.30 3.75 0.00	65.47 4.45 0.00	57.95 3.69 0.00	43.66 2.47 0.00	41.20 2.26 0.00	39.35 2.05 0.00	36.76 1.78 0.00	36.61 1.64 0.00	35.37 1.65 0.00	36.21 1.79 0.00	39.68 2.14 0.00	46.48 2.67 0.00	56.72 2.44 0.00	65.94 2.66 0.00	62.26 2.34 0.00	50.29 1.79 0.00	44.36 1.42 0.00	41.82 1.22 0.00
RAMAPO___LBMP 323565	40.59 1.37 0.00	38.58 1.23 0.00	37.03 1.01 0.00	36.81 0.97 0.00	37.43 1.02 0.00	41.85 1.30 0.00	55.64 2.09 0.00	63.70 2.68 0.00	56.71 2.44 0.00	43.25 2.06 0.00	40.73 1.79 0.00	38.98 1.68 0.00	36.55 1.57 0.00	36.47 1.50 0.00	35.23 1.52 0.00	36.01 1.58 0.00	39.38 1.84 0.00	46.08 2.28 0.00	56.83 2.55 0.00	65.94 2.66 0.00	62.38 2.46 0.00	50.38 1.89 0.00	44.62 1.67 0.00	41.78 1.18 0.00
RANKINE____ 23646	37.34 -1.88 0.00	35.81 -1.53 0.00	34.83 -1.19 0.00	34.77 -1.08 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.45 -3.11 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.72 -2.47 0.00	36.99 -1.95 0.00	35.66 -1.64 0.00	33.16 -1.82 0.00	33.11 -1.85 0.00	31.86 -1.85 0.00	32.70 -1.72 0.00	35.47 -2.06 0.00	40.91 -2.89 0.00	50.86 -3.42 0.00	61.32 -1.96 0.00	57.88 -2.04 0.00	46.55 -1.94 0.00	41.57 -1.37 0.00	40.08 -0.53 0.00
RAVENSWOOD_GT2_1 24244	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.56 3.00 0.00	64.79 3.78 0.00	57.68 3.42 0.00	44.07 2.88 0.00	41.51 2.57 0.00	39.73 2.42 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.91 2.19 0.00	36.66 2.24 0.00	40.17 2.63 0.00	47.05 3.24 0.00	57.86 3.58 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.26 2.76 0.00	45.35 2.40 0.00	42.39 1.79 0.00

RAVENSWOOD_GT2_2 24245	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.56 3.00 0.00	64.79 3.78 0.00	57.68 3.42 0.00	44.07 2.88 0.00	41.51 2.57 0.00	39.73 2.42 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.91 2.19 0.00	36.66 2.24 0.00	40.17 2.63 0.00	47.05 3.24 0.00	57.86 3.58 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.26 2.76 0.00	45.35 2.40 0.00	42.39 1.79 0.00
RAVENSWOOD_GT2_3 24246	41.22 2.00 0.00	39.14 1.79 0.00	37.57 1.55 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.56 3.00 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.07 2.88 0.00	41.55 2.61 0.00	39.76 2.46 0.00	37.28 2.31 0.00	37.17 2.20 0.00	35.91 2.19 0.00	36.70 2.27 0.00	40.17 2.63 0.00	47.05 3.24 0.00	57.91 3.64 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.26 2.76 0.00	45.39 2.45 0.00	42.39 1.79 0.00
RAVENSWOOD_GT2_4 24247	41.22 2.00 0.00	39.14 1.79 0.00	37.57 1.55 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.56 3.00 0.00	64.85 3.84 0.00	57.74 3.47 0.00	44.07 2.88 0.00	41.55 2.61 0.00	39.76 2.46 0.00	37.28 2.31 0.00	37.17 2.20 0.00	35.91 2.19 0.00	36.70 2.27 0.00	40.17 2.63 0.00	47.05 3.24 0.00	57.91 3.64 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.26 2.76 0.00	45.39 2.45 0.00	42.39 1.79 0.00
RAVENSWOOD_GT3_1 24248	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.56 3.00 0.00	64.79 3.78 0.00	57.68 3.42 0.00	44.07 2.88 0.00	41.51 2.57 0.00	39.73 2.42 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.91 2.19 0.00	36.66 2.24 0.00	40.17 2.63 0.00	47.05 3.24 0.00	57.86 3.58 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.26 2.76 0.00	45.35 2.40 0.00	42.39 1.79 0.00
RAVENSWOOD_GT3_2 24249	41.22 2.00 0.00	39.14 1.79 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.56 3.00 0.00	64.79 3.78 0.00	57.68 3.42 0.00	44.07 2.88 0.00	41.51 2.57 0.00	39.73 2.42 0.00	37.25 2.27 0.00	37.17 2.20 0.00	35.91 2.19 0.00	36.66 2.24 0.00	40.17 2.63 0.00	47.05 3.24 0.00	57.86 3.58 0.00	67.08 3.80 0.00	63.46 3.54 0.00	51.26 2.76 0.00	45.35 2.40 0.00	42.39 1.79 0.00
RAVENSWOOD_GT3_3 24250	41.26 2.04 0.00	39.17 1.83 0.00	37.57 1.55 0.00	37.35 1.51 0.00	37.98 1.57 0.00	42.50 1.95 0.00	56.61 3.05 0.00	64.92 3.90 0.00	57.79 3.53 0.00	44.11 2.92 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.32 2.34 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.73 2.31 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.97 3.69 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.43 1.83 0.00
RAVENSWOOD_GT3_4 24251	41.26 2.04 0.00	39.17 1.83 0.00	37.57 1.55 0.00	37.35 1.51 0.00	37.98 1.57 0.00	42.50 1.95 0.00	56.61 3.05 0.00	64.92 3.90 0.00	57.79 3.53 0.00	44.11 2.92 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.32 2.34 0.00	37.20 2.24 0.00	35.94 2.23 0.00	36.73 2.31 0.00	40.20 2.67 0.00	47.09 3.29 0.00	57.97 3.69 0.00	67.15 3.86 0.00	63.52 3.60 0.00	51.30 2.81 0.00	45.39 2.45 0.00	42.43 1.83 0.00
RAVENSWOOD_GT_1 23729	43.40 2.24 -1.95	41.47 1.98 -2.14	40.03 1.73 -2.28	39.86 1.68 -2.33	40.49 1.75 -2.33	44.22 2.11 -1.56	56.97 3.27 -0.15	65.17 4.15 -0.01	58.78 3.74 -0.77	61.00 3.13 -16.68	60.70 2.80 -18.96	61.17 2.65 -21.22	61.01 2.48 -23.55	61.03 2.41 -23.65	50.78 2.39 -14.67	61.28 2.44 -24.41	60.23 2.85 -19.84	65.19 3.46 -17.92	69.58 3.91 -11.40	72.31 4.18 -4.85	70.00 3.89 -6.19	64.63 3.05 -13.08	60.66 2.66 -15.05	45.07 1.99 -2.48
RAVENSWOOD_GT_10 24258	41.22 2.00 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.55 3.00 0.00	64.79 3.78 0.00	57.64 3.42 0.04	42.78 2.88 1.30	40.04 2.57 1.47	38.07 2.42 1.66	35.42 2.27 1.83	35.33 2.20 1.84	34.88 2.19 1.03	34.77 2.24 1.89	38.63 2.63 1.54	45.93 3.20 1.07	57.29 3.58 0.57	67.04 3.80 0.04	63.33 3.54 0.12	50.61 2.76 0.64	44.59 2.40 0.75	42.34 1.79 0.05
RAVENSWOOD_GT_11 24259	41.22 2.00 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.55 3.00 0.00	64.79 3.78 0.00	57.64 3.42 0.04	42.78 2.88 1.30	40.04 2.57 1.47	38.07 2.42 1.66	35.42 2.27 1.83	35.33 2.20 1.84	34.88 2.19 1.03	34.77 2.24 1.89	38.63 2.63 1.54	45.93 3.20 1.07	57.29 3.58 0.57	67.04 3.80 0.04	63.33 3.54 0.12	50.61 2.76 0.64	44.59 2.40 0.75	42.34 1.79 0.05
RAVENSWOOD_GT_4 24252	42.65 1.96 -1.47	40.72 1.76 -1.62	39.22 1.48 -1.73	39.04 1.43 -1.76	39.67 1.49 -1.76	43.60 1.87 -1.19	56.56 2.95 -0.06	64.73 3.72 0.01	57.62 3.36 0.01	37.04 2.84 6.99	33.50 2.53 7.98	30.68 2.39 9.01	27.31 2.24 9.90	27.18 2.17 9.95	31.42 2.16 4.46	26.47 2.20 10.15	31.84 2.59 8.29	44.38 3.20 2.62	57.80 3.53 0.01	70.07 3.73 -3.05	66.22 3.48 -2.83	51.40 2.72 -0.19	45.30 2.36 0.01	43.47 1.75 -1.12
RAVENSWOOD_GT_5 24254	42.65 1.96 -1.47	40.72 1.76 -1.62	39.22 1.48 -1.73	39.04 1.43 -1.76	39.67 1.49 -1.76	43.60 1.87 -1.19	56.56 2.95 -0.06	64.73 3.72 0.01	57.62 3.36 0.01	37.04 2.84 6.99	33.50 2.53 7.98	30.68 2.39 9.01	27.31 2.24 9.90	27.18 2.17 9.95	31.42 2.16 4.46	26.47 2.20 10.15	31.84 2.59 8.29	44.38 3.20 2.62	57.80 3.53 0.01	70.07 3.73 -3.05	66.22 3.48 -2.83	51.40 2.72 -0.19	45.30 2.36 0.01	43.47 1.75 -1.12
RAVENSWOOD_GT_6 24253	42.65 1.96 -1.47	40.72 1.76 -1.62	39.22 1.48 -1.73	39.04 1.43 -1.76	39.67 1.49 -1.76	43.60 1.87 -1.19	56.56 2.95 -0.06	64.73 3.72 0.01	57.62 3.36 0.01	37.04 2.84 6.99	33.50 2.53 7.98	30.68 2.39 9.01	27.31 2.24 9.90	27.18 2.17 9.95	31.42 2.16 4.46	26.47 2.20 10.15	31.84 2.59 8.29	44.38 3.20 2.62	57.80 3.53 0.01	70.07 3.73 -3.05	66.22 3.48 -2.83	51.40 2.72 -0.19	45.30 2.36 0.01	43.47 1.75 -1.12
RAVENSWOOD_GT_7 24255	42.65 1.96 -1.47	40.72 1.76 -1.62	39.22 1.48 -1.73	39.04 1.43 -1.76	39.67 1.49 -1.76	43.60 1.87 -1.19	56.56 2.95 -0.06	64.73 3.72 0.01	57.62 3.36 0.01	37.04 2.84 6.99	33.50 2.53 7.98	30.68 2.39 9.01	27.31 2.24 9.90	27.18 2.17 9.95	31.42 2.16 4.46	26.47 2.20 10.15	31.84 2.59 8.29	44.38 3.20 2.62	57.80 3.53 0.01	70.07 3.73 -3.05	66.22 3.48 -2.83	51.40 2.72 -0.19	45.30 2.36 0.01	43.47 1.75 -1.12
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	41.22 2.00 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.55 3.00 0.00	64.79 3.78 0.00	57.64 3.42 0.04	42.78 2.88 1.30	40.04 2.57 1.47	38.07 2.42 1.66	35.42 2.27 1.83	35.33 2.20 1.84	34.88 2.19 1.03	34.77 2.24 1.89	38.63 2.63 1.54	45.93 3.20 1.07	57.29 3.58 0.57	67.04 3.80 0.04	63.33 3.54 0.12	50.61 2.76 0.64	44.59 2.40 0.75	42.34 1.79 0.05

RAVENSWOOD_GT_9 24257	41.22 2.00 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.31 1.47 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.55 3.00 0.00	64.79 3.78 0.00	57.64 3.42 0.04	42.78 2.88 1.30	40.04 2.57 1.47	38.07 2.42 1.66	35.42 2.27 1.83	35.33 2.20 1.84	34.88 2.19 1.03	34.77 2.24 1.89	38.63 2.63 1.54	45.93 3.20 1.07	57.29 3.58 0.57	67.04 3.80 0.04	63.33 3.54 0.12	50.61 2.76 0.64	44.59 2.40 0.75	42.34 1.79 0.05
RAVENSWOOD___1 23533	41.42 2.20 -0.01	39.37 2.02 -0.01	37.76 1.73 -0.01	37.43 1.58 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.05 4.03 -0.01	58.39 3.74 -0.39	57.14 3.09 -12.86	56.38 2.81 -14.63	56.38 2.65 -16.43	55.63 2.48 -18.17	55.63 2.41 -18.26	46.28 2.36 -10.20	55.63 2.44 -18.77	55.59 2.78 -15.27	57.88 3.46 -10.62	63.86 3.91 -5.67	67.82 4.11 -0.42	64.99 3.84 -1.23	57.88 3.01 -6.38	53.10 2.66 -7.49	43.18 2.07 -0.50
RAVENSWOOD___2 23534	41.42 2.20 -0.01	39.37 2.02 -0.01	37.76 1.73 -0.01	37.43 1.58 -0.01	38.13 1.71 -0.01	42.66 2.11 0.00	56.86 3.27 -0.04	65.05 4.03 -0.01	58.34 3.69 -0.39	57.09 3.09 -12.81	56.28 2.77 -14.58	56.28 2.61 -16.37	55.53 2.45 -18.11	55.56 2.41 -18.19	46.24 2.36 -10.17	55.53 2.41 -18.69	55.53 2.78 -15.22	57.84 3.46 -10.58	63.84 3.91 -5.65	67.82 4.11 -0.42	64.98 3.84 -1.23	57.85 3.01 -6.35	53.07 2.66 -7.46	43.17 2.07 -0.50
RAVENSWOOD___3 23535	41.22 2.00 0.00	39.17 1.83 0.00	37.53 1.51 0.00	37.24 1.40 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.55 3.00 0.00	64.73 3.72 0.00	57.68 3.42 0.00	44.07 2.88 0.00	41.51 2.57 0.00	39.73 2.42 0.00	37.28 2.31 0.00	37.21 2.24 0.00	35.91 2.19 0.00	36.66 2.24 0.00	40.13 2.59 0.00	47.05 3.24 0.00	57.91 3.64 0.00	67.02 3.73 0.00	63.39 3.47 0.00	51.25 2.76 0.00	45.35 2.40 0.00	42.47 1.87 0.00
RAVENSWOOD___4 23820	39.51 2.20 1.90	37.27 2.02 2.09	35.48 1.69 2.23	35.14 1.58 2.28	35.85 1.71 2.27	41.08 2.07 1.54	56.75 3.27 0.07	65.04 4.03 -0.01	57.96 3.69 -0.01	53.28 3.05 -9.04	52.02 2.77 -10.32	51.56 2.61 -11.65	50.23 2.45 -12.81	50.21 2.38 -12.87	41.80 2.32 -5.76	49.96 2.41 -13.13	51.03 2.78 -10.72	50.61 3.42 -3.39	58.14 3.85 -0.01	63.40 4.05 3.94	60.10 3.84 3.66	51.25 3.01 0.25	45.57 2.62 -0.01	41.23 2.07 1.45
RCPI_TRUST___DRP 24196	41.34 2.12 0.00	39.25 1.90 0.00	37.64 1.62 0.00	37.42 1.58 0.00	38.05 1.64 0.00	42.58 2.03 0.00	56.82 3.27 0.00	65.16 4.15 0.00	58.06 3.80 0.00	44.44 3.25 0.00	41.86 2.92 0.00	40.06 2.76 0.00	37.56 2.59 0.00	37.45 2.48 0.00	36.18 2.46 0.00	36.94 2.51 0.00	40.47 2.93 0.00	47.44 3.64 0.00	58.19 3.91 0.00	67.46 4.18 0.00	63.75 3.83 0.00	51.55 3.05 0.00	45.52 2.58 0.00	42.51 1.91 0.00
RED___ROCHESTER 323720	38.12 -1.10 0.00	36.45 -0.90 0.00	35.37 -0.65 0.00	35.24 -0.61 0.00	35.69 -0.73 0.00	39.58 -0.97 0.00	51.79 -1.77 0.00	59.00 -2.01 0.00	52.53 -1.74 0.00	39.99 -1.20 0.00	38.12 -0.82 0.00	36.56 -0.75 0.00	34.06 -0.91 0.00	34.02 -0.94 0.00	32.70 -1.01 0.00	33.67 -0.76 0.00	36.68 -0.86 0.00	42.40 -1.40 0.00	52.43 -1.85 0.00	62.53 -0.76 0.00	59.08 -0.84 0.00	47.38 -1.11 0.00	42.04 -0.90 0.00	40.16 -0.45 0.00
REGAN___SOLAR 323812	42.16 2.94 0.00	40.00 2.65 0.00	38.50 2.48 0.00	38.32 2.47 0.00	39.11 2.69 0.00	43.75 3.20 0.00	57.89 4.34 0.00	66.02 5.00 0.00	58.22 3.96 0.00	43.62 2.43 0.00	41.12 2.18 0.00	39.17 1.86 0.00	36.62 1.64 0.00	36.54 1.57 0.00	35.23 1.52 0.00	36.18 1.75 0.00	39.71 2.18 0.00	46.82 3.02 0.00	58.84 4.56 0.00	68.92 5.63 0.00	65.07 5.15 0.00	52.71 4.22 0.00	46.38 3.44 0.00	43.77 3.17 0.00
RENSSELAER___COGEN 23796	40.12 0.90 0.00	38.13 0.79 0.00	36.67 0.65 0.00	36.49 0.65 0.00	37.07 0.66 0.00	41.40 0.85 0.00	54.63 1.07 0.00	62.42 1.40 0.00	55.56 1.30 0.00	42.14 0.95 0.00	39.76 0.82 0.00	38.12 0.82 0.00	35.81 0.84 0.00	35.80 0.84 0.00	34.56 0.84 0.00	35.32 0.89 0.00	38.59 1.05 0.00	44.99 1.18 0.00	55.74 1.47 0.00	64.49 1.20 0.00	61.06 1.14 0.00	49.41 0.92 0.00	43.72 0.77 0.00	41.29 0.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.91 3.69 0.00	40.71 3.36 0.00	39.08 3.06 0.00	38.89 3.05 0.00	39.73 3.31 0.00	44.61 4.06 0.00	59.23 5.68 0.00	67.60 6.59 0.00	59.47 5.21 0.00	44.53 3.34 0.00	42.06 3.12 0.00	40.14 2.83 0.00	37.32 2.34 0.00	37.06 2.10 0.00	35.84 2.12 0.00	36.76 2.34 0.00	40.32 2.78 0.00	47.31 3.50 0.00	58.35 4.07 0.00	68.29 5.00 0.00	64.41 4.49 0.00	51.93 3.44 0.00	45.65 2.71 0.00	43.08 2.48 0.00
REVERE_CPPR_DRP 24186	40.28 1.06 0.00	38.35 1.01 0.00	37.06 1.04 0.00	36.78 0.93 0.00	37.43 1.02 0.00	41.77 1.22 0.00	55.32 1.77 0.00	63.21 2.20 0.00	56.05 1.79 0.00	42.38 1.19 0.00	39.99 1.05 0.00	38.23 0.93 0.00	35.60 0.63 0.00	35.67 0.70 0.00	34.36 0.64 0.00	35.08 0.65 0.00	38.29 0.75 0.00	44.90 1.10 0.00	55.91 1.63 0.00	65.82 2.53 0.00	62.14 2.22 0.00	50.19 1.70 0.00	44.45 1.50 0.00	42.03 1.42 0.00
REYNOLDS_115KV_TB3 80639	40.40 1.18 0.00	38.39 1.05 0.00	36.92 0.90 0.00	36.71 0.86 0.00	37.32 0.91 0.00	41.69 1.14 0.00	54.89 1.34 0.00	62.84 1.83 0.00	55.95 1.68 0.00	42.43 1.24 0.00	40.03 1.09 0.00	38.35 1.04 0.00	36.06 1.08 0.00	36.05 1.08 0.00	34.76 1.05 0.00	35.53 1.10 0.00	38.85 1.31 0.00	45.25 1.45 0.00	56.01 1.74 0.00	64.74 1.46 0.00	61.36 1.44 0.00	49.70 1.21 0.00	43.89 0.94 0.00	41.42 0.81 0.00
RIVERBAY____ 323610	41.31 2.08 -0.01	39.22 1.87 -0.01	37.68 1.66 -0.01	37.47 1.61 -0.01	38.06 1.64 -0.01	42.54 1.99 0.00	56.65 3.11 0.01	64.91 3.90 0.01	57.73 3.47 0.01	44.07 2.88 0.01	41.54 2.61 0.01	39.76 2.46 0.01	37.27 2.31 0.01	37.16 2.20 0.01	35.90 2.19 0.01	36.65 2.24 0.01	40.16 2.63 0.01	47.04 3.24 0.01	57.91 3.64 0.01	67.14 3.86 0.01	63.63 3.72 0.01	51.44 2.96 0.01	45.57 2.62 -0.01	42.60 1.99 -0.01
RIVERSDE_115KV_TB3 55908	40.28 1.06 0.00	38.28 0.93 0.00	36.81 0.79 0.00	36.60 0.75 0.00	37.22 0.80 0.00	41.57 1.01 0.00	54.79 1.23 0.00	62.78 1.77 0.00	55.95 1.68 0.00	42.43 1.24 0.00	40.03 1.09 0.00	38.35 1.04 0.00	36.02 1.05 0.00	36.01 1.05 0.00	34.76 1.05 0.00	35.53 1.10 0.00	38.78 1.24 0.00	45.16 1.36 0.00	55.96 1.68 0.00	64.74 1.46 0.00	61.30 1.38 0.00	49.66 1.16 0.00	43.85 0.90 0.00	41.38 0.77 0.00
ROARING___BROOK_WT_PWR 323790	38.28 -0.94 0.00	36.45 -0.90 0.00	35.16 -0.86 0.00	34.98 -0.86 0.00	35.54 -0.87 0.00	39.62 -0.93 0.00	52.33 -1.23 0.00	59.55 -1.46 0.00	52.96 -1.30 0.00	40.12 -1.07 0.00	37.89 -1.05 0.00	36.30 -1.01 0.00	34.03 -0.94 0.00	34.02 -0.94 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.60 -0.94 0.00	42.84 -0.96 0.00	53.30 -0.98 0.00	62.27 -1.02 0.00	59.08 -0.84 0.00	47.91 -0.58 0.00	42.47 -0.47 0.00	40.20 -0.41 0.00

ROCHESRG_115KV_T4 355643	37.77 -1.45 0.00	36.15 -1.20 0.00	35.05 -0.97 0.00	34.95 -0.90 0.00	35.36 -1.06 0.00	39.17 -1.38 0.00	51.31 -2.25 0.00	58.33 -2.68 0.00	51.93 -2.33 0.00	39.50 -1.69 0.00	37.66 -1.29 0.00	36.15 -1.16 0.00	33.68 -1.29 0.00	33.67 -1.29 0.00	32.37 -1.35 0.00	33.29 -1.14 0.00	36.15 -1.39 0.00	41.92 -1.88 0.00	51.94 -2.33 0.00	61.89 -1.39 0.00	58.42 -1.50 0.00	46.94 -1.55 0.00	41.70 -1.25 0.00	39.83 -0.77 0.00
ROCHESTER_9_IC 23652	37.97 -1.26 0.00	36.34 -1.01 0.00	35.23 -0.79 0.00	35.13 -0.72 0.00	35.54 -0.87 0.00	39.38 -1.18 0.00	51.57 -1.98 0.00	58.69 -2.32 0.00	52.26 -2.01 0.00	39.75 -1.44 0.00	37.89 -1.05 0.00	36.37 -0.93 0.00	33.89 -1.08 0.00	33.88 -1.08 0.00	32.57 -1.15 0.00	33.49 -0.93 0.00	36.37 -1.16 0.00	42.23 -1.58 0.00	52.32 -1.95 0.00	62.34 -0.95 0.00	58.84 -1.08 0.00	47.23 -1.26 0.00	41.91 -1.03 0.00	40.04 -0.57 0.00
ROCKVIEW_13_KV_LD 356306	41.14 1.92 0.00	39.06 1.72 0.00	37.50 1.48 0.00	37.24 1.40 0.00	37.87 1.46 0.00	42.42 1.87 0.00	56.39 2.84 0.00	64.67 3.66 0.00	57.57 3.31 0.00	43.95 2.76 0.00	41.39 2.45 0.00	39.62 2.31 0.00	37.14 2.17 0.00	37.06 2.10 0.00	35.81 2.09 0.00	36.56 2.13 0.00	40.05 2.52 0.00	46.91 3.11 0.00	57.81 3.53 0.00	66.96 3.67 0.00	63.34 3.42 0.00	51.16 2.67 0.00	45.26 2.32 0.00	42.31 1.71 0.00
ROME____115KV_TB2 80656	40.28 1.06 0.00	38.35 1.01 0.00	37.06 1.04 0.00	36.78 0.93 0.00	37.43 1.02 0.00	41.77 1.22 0.00	55.32 1.77 0.00	63.21 2.20 0.00	56.05 1.79 0.00	42.38 1.19 0.00	39.99 1.05 0.00	38.23 0.93 0.00	35.60 0.63 0.00	35.67 0.70 0.00	34.36 0.64 0.00	35.08 0.65 0.00	38.29 0.75 0.00	44.90 1.10 0.00	55.91 1.63 0.00	65.82 2.53 0.00	62.14 2.22 0.00	50.19 1.70 0.00	44.45 1.50 0.00	42.03 1.42 0.00
ROSETON___1 23587	40.71 1.49 0.00	38.69 1.34 0.00	37.14 1.12 0.00	36.88 1.04 0.00	37.54 1.13 0.00	41.97 1.42 0.00	55.64 2.09 0.00	63.63 2.62 0.00	56.71 2.44 0.00	43.21 2.02 0.00	40.73 1.79 0.00	38.98 1.68 0.00	36.55 1.58 0.00	36.54 1.57 0.00	35.23 1.52 0.00	36.01 1.58 0.00	39.38 1.84 0.00	46.12 2.32 0.00	56.88 2.61 0.00	65.88 2.60 0.00	62.38 2.46 0.00	50.38 1.89 0.00	44.66 1.72 0.00	41.94 1.34 0.00
ROSETON___2 23588	40.71 1.49 0.00	38.69 1.34 0.00	37.14 1.12 0.00	36.88 1.04 0.00	37.54 1.13 0.00	41.97 1.42 0.00	55.64 2.09 0.00	63.63 2.62 0.00	56.71 2.44 0.00	43.21 2.02 0.00	40.73 1.79 0.00	38.98 1.68 0.00	36.55 1.58 0.00	36.54 1.57 0.00	35.23 1.52 0.00	36.01 1.58 0.00	39.38 1.84 0.00	46.12 2.32 0.00	56.88 2.61 0.00	65.88 2.60 0.00	62.38 2.46 0.00	50.38 1.89 0.00	44.66 1.72 0.00	41.94 1.34 0.00
ROTRRDAM_115KV_TB3 80664	40.59 1.37 0.00	38.58 1.23 0.00	37.14 1.12 0.00	36.92 1.08 0.00	37.54 1.13 0.00	41.93 1.38 0.00	55.38 1.82 0.00	63.15 2.14 0.00	56.11 1.84 0.00	42.51 1.32 0.00	40.11 1.17 0.00	38.38 1.08 0.00	35.99 1.01 0.00	35.94 0.98 0.00	34.69 0.98 0.00	35.46 1.03 0.00	38.78 1.24 0.00	45.34 1.53 0.00	56.07 1.79 0.00	65.12 1.84 0.00	61.66 1.74 0.00	49.90 1.41 0.00	44.10 1.16 0.00	41.58 0.97 0.00
RUSSELL___1 23602	38.12 -1.10 0.00	36.49 -0.86 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.69 -0.73 0.00	39.58 -0.97 0.00	51.84 -1.71 0.00	59.00 -2.01 0.00	52.53 -1.74 0.00	40.00 -1.19 0.00	38.12 -0.82 0.00	36.56 -0.75 0.00	34.07 -0.91 0.00	34.06 -0.91 0.00	32.70 -1.01 0.00	33.67 -0.76 0.00	36.56 -0.98 0.00	42.49 -1.31 0.00	52.59 -1.68 0.00	62.78 -0.51 0.00	59.26 -0.66 0.00	47.52 -0.97 0.00	42.13 -0.82 0.00	40.24 -0.37 0.00
RUSSELL___2 23532	38.12 -1.10 0.00	36.49 -0.86 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.69 -0.73 0.00	39.58 -0.97 0.00	51.84 -1.71 0.00	59.00 -2.01 0.00	52.53 -1.74 0.00	40.00 -1.19 0.00	38.12 -0.82 0.00	36.56 -0.75 0.00	34.07 -0.91 0.00	34.06 -0.91 0.00	32.70 -1.01 0.00	33.67 -0.76 0.00	36.56 -0.98 0.00	42.49 -1.31 0.00	52.59 -1.68 0.00	62.78 -0.51 0.00	59.26 -0.66 0.00	47.52 -0.97 0.00	42.13 -0.82 0.00	40.24 -0.37 0.00
RUSSELL___3 23549	38.12 -1.10 0.00	36.49 -0.86 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.69 -0.73 0.00	39.58 -0.97 0.00	51.84 -1.71 0.00	59.00 -2.01 0.00	52.53 -1.74 0.00	40.00 -1.19 0.00	38.12 -0.82 0.00	36.56 -0.75 0.00	34.07 -0.91 0.00	34.06 -0.91 0.00	32.70 -1.01 0.00	33.67 -0.76 0.00	36.56 -0.98 0.00	42.49 -1.31 0.00	52.59 -1.68 0.00	62.78 -0.51 0.00	59.26 -0.66 0.00	47.52 -0.97 0.00	42.13 -0.82 0.00	40.24 -0.37 0.00
RUSSELL___4 23556	38.12 -1.10 0.00	36.49 -0.86 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.69 -0.73 0.00	39.58 -0.97 0.00	51.84 -1.71 0.00	59.00 -2.01 0.00	52.53 -1.74 0.00	40.00 -1.19 0.00	38.12 -0.82 0.00	36.56 -0.75 0.00	34.07 -0.91 0.00	34.06 -0.91 0.00	32.70 -1.01 0.00	33.67 -0.76 0.00	36.56 -0.98 0.00	42.49 -1.31 0.00	52.59 -1.68 0.00	62.78 -0.51 0.00	59.26 -0.66 0.00	47.52 -0.97 0.00	42.13 -0.82 0.00	40.24 -0.37 0.00
RUSSELL___STATION 23914	38.12 -1.10 0.00	36.49 -0.86 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.69 -0.73 0.00	39.58 -0.97 0.00	51.84 -1.71 0.00	59.00 -2.01 0.00	52.53 -1.74 0.00	40.00 -1.19 0.00	38.12 -0.82 0.00	36.56 -0.75 0.00	34.07 -0.91 0.00	34.06 -0.91 0.00	32.70 -1.01 0.00	33.67 -0.76 0.00	36.56 -0.98 0.00	42.49 -1.31 0.00	52.59 -1.68 0.00	62.78 -0.51 0.00	59.26 -0.66 0.00	47.52 -0.97 0.00	42.13 -0.82 0.00	40.24 -0.37 0.00
S SALMON___HYD 24043	38.67 -0.55 0.00	36.82 -0.52 0.00	35.59 -0.43 0.00	35.38 -0.47 0.00	35.94 -0.47 0.00	40.02 -0.53 0.00	53.07 -0.48 0.00	60.40 -0.61 0.00	53.56 -0.71 0.00	40.53 -0.66 0.00	38.32 -0.62 0.00	36.67 -0.63 0.00	34.28 -0.70 0.00	34.30 -0.67 0.00	33.04 -0.67 0.00	33.60 -0.83 0.00	36.60 -0.94 0.00	42.71 -1.09 0.00	53.13 -1.14 0.00	62.53 -0.76 0.00	59.14 -0.78 0.00	47.71 -0.78 0.00	42.21 -0.73 0.00	40.12 -0.49 0.00
S.PERRY__115KV_TB1 80734	38.63 -0.59 0.00	37.05 -0.30 0.00	35.91 -0.11 0.00	35.84 0.00 0.00	36.23 -0.18 0.00	40.31 -0.24 0.00	53.07 -0.48 0.00	60.10 -0.92 0.00	52.96 -1.30 0.00	39.87 -1.32 0.00	37.81 -1.13 0.00	36.26 -1.04 0.00	33.75 -1.22 0.00	33.71 -1.26 0.00	32.43 -1.28 0.00	33.46 -0.96 0.00	36.49 -1.05 0.00	42.80 -1.01 0.00	53.57 -0.71 0.00	64.62 1.33 0.00	61.06 1.14 0.00	48.93 0.44 0.00	43.33 0.39 0.00	41.34 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.98 -2.24 0.00	35.52 -1.83 0.00	34.51 -1.51 0.00	34.45 -1.40 0.00	34.78 -1.64 0.00	38.40 -2.15 0.00	49.91 -3.64 0.00	56.50 -4.51 0.00	50.25 -4.02 0.00	38.35 -2.84 0.00	36.60 -2.34 0.00	35.29 -2.01 0.00	32.81 -2.17 0.00	32.80 -2.17 0.00	31.56 -2.16 0.00	32.39 -2.03 0.00	35.14 -2.40 0.00	40.52 -3.29 0.00	50.32 -3.96 0.00	60.56 -2.72 0.00	57.16 -2.76 0.00	45.92 -2.57 0.00	41.05 -1.89 0.00	39.63 -0.97 0.00

SAWYER___23_KV_LOAD 55526	36.98 -2.24 0.00	35.52 -1.83 0.00	34.51 -1.51 0.00	34.45 -1.40 0.00	34.78 -1.64 0.00	38.40 -2.15 0.00	49.91 -3.64 0.00	56.50 -4.51 0.00	50.25 -4.02 0.00	38.35 -2.84 0.00	36.60 -2.34 0.00	35.29 -2.01 0.00	32.81 -2.17 0.00	32.80 -2.17 0.00	31.56 -2.16 0.00	32.39 -2.03 0.00	35.14 -2.40 0.00	40.52 -3.29 0.00	50.32 -3.96 0.00	60.56 -2.72 0.00	57.16 -2.76 0.00	45.92 -2.57 0.00	41.05 -1.89 0.00	39.63 -0.97 0.00
SELKIRK___I 23801	40.36 1.14 0.00	38.35 1.01 0.00	36.92 0.90 0.00	36.74 0.90 0.00	37.36 0.95 0.00	41.65 1.10 0.00	54.95 1.39 0.00	62.66 1.65 0.00	55.67 1.41 0.00	42.18 0.99 0.00	39.76 0.82 0.00	38.09 0.78 0.00	35.78 0.81 0.00	35.73 0.77 0.00	34.49 0.78 0.00	35.25 0.82 0.00	38.55 1.01 0.00	45.03 1.22 0.00	55.85 1.58 0.00	64.74 1.46 0.00	61.36 1.44 0.00	49.65 1.16 0.00	43.93 0.99 0.00	41.54 0.93 0.00
SELKIRK___II 23799	40.16 0.94 0.00	38.17 0.82 0.00	36.74 0.72 0.00	36.52 0.68 0.00	37.14 0.73 0.00	41.44 0.89 0.00	54.68 1.13 0.00	62.47 1.46 0.00	55.56 1.30 0.00	42.18 0.99 0.00	39.80 0.86 0.00	38.12 0.82 0.00	35.81 0.84 0.00	35.80 0.84 0.00	34.56 0.84 0.00	35.28 0.86 0.00	38.55 1.01 0.00	45.03 1.22 0.00	55.74 1.47 0.00	64.55 1.27 0.00	61.12 1.20 0.00	49.51 1.02 0.00	43.80 0.86 0.00	41.34 0.73 0.00
SENECA OSWGO___HYD 24041	38.52 -0.70 0.00	36.71 -0.64 0.00	35.44 -0.58 0.00	35.27 -0.57 0.00	35.79 -0.62 0.00	39.78 -0.77 0.00	52.59 -0.96 0.00	59.91 -1.10 0.00	53.29 -0.98 0.00	40.45 -0.74 0.00	38.32 -0.62 0.00	36.78 -0.52 0.00	34.45 -0.52 0.00	34.41 -0.56 0.00	33.14 -0.57 0.00	33.87 -0.55 0.00	36.86 -0.67 0.00	42.84 -0.96 0.00	53.13 -1.14 0.00	62.27 -1.02 0.00	58.84 -1.08 0.00	47.47 -1.02 0.00	42.00 -0.94 0.00	39.75 -0.85 0.00
SENECA___115KV_TB3 355854	37.38 -1.84 0.00	35.89 -1.46 0.00	34.87 -1.15 0.00	34.81 -1.04 0.00	35.14 -1.27 0.00	38.81 -1.74 0.00	50.56 -3.00 0.00	57.23 -3.78 0.00	50.90 -3.36 0.00	38.80 -2.39 0.00	37.07 -1.87 0.00	35.74 -1.57 0.00	33.19 -1.78 0.00	33.18 -1.78 0.00	31.93 -1.79 0.00	32.77 -1.65 0.00	35.51 -2.03 0.00	41.00 -2.80 0.00	50.97 -3.31 0.00	61.39 -1.90 0.00	57.94 -1.98 0.00	46.60 -1.89 0.00	41.61 -1.33 0.00	40.16 -0.45 0.00
SENECA___ENERGY 23797	38.71 -0.51 0.00	36.94 -0.41 0.00	35.70 -0.32 0.00	35.52 -0.32 0.00	36.09 -0.33 0.00	40.19 -0.37 0.00	53.13 -0.43 0.00	60.40 -0.61 0.00	53.77 -0.49 0.00	40.74 -0.45 0.00	38.63 -0.31 0.00	37.00 -0.30 0.00	34.59 -0.38 0.00	34.58 -0.38 0.00	33.24 -0.47 0.00	34.05 -0.38 0.00	37.09 -0.45 0.00	43.19 -0.61 0.00	53.52 -0.76 0.00	63.16 -0.13 0.00	59.62 -0.30 0.00	48.15 -0.34 0.00	42.56 -0.39 0.00	40.40 -0.20 0.00
SHOEMAKER___GT 23640	40.44 1.22 0.00	38.43 1.08 0.00	36.92 0.90 0.00	36.67 0.83 0.00	37.32 0.91 0.00	41.69 1.13 0.00	55.27 1.71 0.00	63.15 2.13 0.00	56.16 1.90 0.00	42.79 1.60 0.00	40.34 1.40 0.00	38.61 1.30 0.00	36.20 1.22 0.00	36.16 1.19 0.00	34.89 1.18 0.00	35.66 1.24 0.00	39.00 1.46 0.00	45.69 1.88 0.00	56.45 2.17 0.00	65.56 2.27 0.00	62.02 2.10 0.00	50.09 1.60 0.00	44.40 1.46 0.00	41.74 1.14 0.00
SHOEMAKR_138KV_BK 111 55601	40.40 1.18 0.00	38.39 1.05 0.00	36.92 0.90 0.00	36.71 0.86 0.00	37.29 0.87 0.00	41.69 1.14 0.00	55.27 1.71 0.00	63.21 2.20 0.00	56.22 1.95 0.00	42.84 1.65 0.00	40.34 1.40 0.00	38.61 1.31 0.00	36.20 1.22 0.00	36.15 1.19 0.00	34.93 1.21 0.00	35.66 1.24 0.00	39.04 1.50 0.00	45.69 1.88 0.00	56.45 2.17 0.00	65.56 2.28 0.00	62.02 2.10 0.00	50.09 1.60 0.00	44.36 1.42 0.00	41.62 1.02 0.00
SHOREHAM_IC_1 23715	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.56 3.00 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.66 4.39 0.00	44.65 3.46 0.00	42.02 3.08 0.00	39.99 2.69 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.98 4.16 -0.01	59.16 4.89 0.00	65.88 2.60 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.91 2.96 -0.01	42.80 2.19 0.00
SHOREHAM_IC_2 23716	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.56 3.00 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.66 4.39 0.00	44.65 3.46 0.00	42.02 3.08 0.00	39.99 2.69 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.98 4.16 -0.01	59.16 4.89 0.00	65.88 2.60 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.91 2.96 -0.01	42.80 2.19 0.00
SISSONVILLE____ 23735	38.08 -1.14 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.98 -0.86 0.00	35.58 -0.84 0.00	39.82 -0.73 0.00	52.48 -1.07 0.00	59.30 -1.71 0.00	52.53 -1.74 0.00	39.62 -1.57 0.00	37.42 -1.52 0.00	35.74 -1.57 0.00	33.51 -1.47 0.00	33.53 -1.43 0.00	32.40 -1.31 0.00	32.87 -1.55 0.00	35.89 -1.65 0.00	42.18 -1.62 0.00	52.65 -1.63 0.00	61.70 -1.58 0.00	58.60 -1.32 0.00	47.81 -0.68 0.00	42.39 -0.56 0.00	40.20 -0.41 0.00
SITHE_IND_GS1 24169	38.16 -1.06 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.95 -0.89 0.00	35.47 -0.95 0.00	39.37 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	39.99 -1.20 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.06 -0.91 0.00	34.06 -0.91 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.45 -1.09 0.00	42.32 -1.49 0.00	52.43 -1.85 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.89 -1.60 0.00	41.53 -1.42 0.00	39.30 -1.30 0.00
SITHE_IND_GS2 24170	38.16 -1.06 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.95 -0.89 0.00	35.47 -0.95 0.00	39.37 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	39.99 -1.20 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.06 -0.91 0.00	34.06 -0.91 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.45 -1.09 0.00	42.32 -1.49 0.00	52.43 -1.85 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.89 -1.60 0.00	41.53 -1.42 0.00	39.30 -1.30 0.00
SITHE_IND_GS3 24171	38.16 -1.06 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.95 -0.89 0.00	35.47 -0.95 0.00	39.37 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	39.99 -1.20 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.06 -0.91 0.00	34.06 -0.91 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.45 -1.09 0.00	42.32 -1.49 0.00	52.43 -1.85 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.89 -1.60 0.00	41.53 -1.42 0.00	39.30 -1.30 0.00
SITHE_IND_GS4 24172	38.16 -1.06 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.95 -0.89 0.00	35.47 -0.95 0.00	39.37 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	39.99 -1.20 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.06 -0.91 0.00	34.06 -0.91 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.45 -1.09 0.00	42.32 -1.49 0.00	52.43 -1.85 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.89 -1.60 0.00	41.53 -1.42 0.00	39.30 -1.30 0.00

SITHE___BATAVIA 24024	38.00 -1.22 0.00	36.37 -0.97 0.00	35.41 -0.61 0.00	35.27 -0.57 0.00	35.72 -0.69 0.00	39.54 -1.01 0.00	51.63 -1.93 0.00	58.76 -2.26 0.00	52.15 -2.12 0.00	39.58 -1.61 0.00	37.77 -1.17 0.00	36.22 -1.08 0.00	33.65 -1.33 0.00	33.60 -1.36 0.00	32.30 -1.41 0.00	33.29 -1.14 0.00	36.30 -1.24 0.00	41.97 -1.84 0.00	51.94 -2.33 0.00	62.59 -0.69 0.00	59.26 -0.66 0.00	47.42 -1.07 0.00	42.13 -0.82 0.00	40.48 -0.12 0.00
SITHE___INDEPEND 23800	38.16 -1.06 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	34.95 -0.90 0.00	35.47 -0.95 0.00	39.38 -1.18 0.00	51.95 -1.61 0.00	59.18 -1.83 0.00	52.64 -1.63 0.00	40.00 -1.19 0.00	37.93 -1.01 0.00	36.37 -0.93 0.00	34.07 -0.91 0.00	34.06 -0.91 0.00	32.84 -0.88 0.00	33.53 -0.90 0.00	36.41 -1.13 0.00	42.32 -1.49 0.00	52.49 -1.79 0.00	61.39 -1.90 0.00	58.06 -1.86 0.00	46.89 -1.60 0.00	41.57 -1.37 0.00	39.43 -1.18 0.00
SITHE___MASSENA 23902	38.95 -0.27 0.00	37.16 -0.19 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.34 -0.07 0.00	40.59 0.04 0.00	53.50 -0.05 0.00	60.71 -0.30 0.00	53.77 -0.49 0.00	40.65 -0.54 0.00	38.43 -0.51 0.00	36.78 -0.52 0.00	34.52 -0.46 0.00	34.51 -0.46 0.00	33.34 -0.37 0.00	33.91 -0.52 0.00	37.01 -0.53 0.00	43.37 -0.44 0.00	54.01 -0.27 0.00	63.10 -0.19 0.00	59.92 0.00 0.00	48.74 0.24 0.00	43.20 0.26 0.00	40.93 0.32 0.00
SITHE___OGDNSBRG 24021	39.14 -0.08 0.00	37.35 0.00 0.00	36.13 0.11 0.00	35.99 0.14 0.00	36.60 0.18 0.00	40.92 0.36 0.00	53.93 0.37 0.00	60.95 -0.06 0.00	53.88 -0.38 0.00	40.61 -0.58 0.00	38.32 -0.62 0.00	36.59 -0.71 0.00	34.27 -0.70 0.00	34.34 -0.63 0.00	33.18 -0.54 0.00	33.74 -0.69 0.00	36.86 -0.68 0.00	43.41 -0.39 0.00	54.22 -0.05 0.00	63.73 0.44 0.00	60.46 0.54 0.00	49.22 0.73 0.00	43.59 0.64 0.00	41.30 0.69 0.00
SITHE___STERLING 23777	40.08 0.86 0.00	38.13 0.79 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.52 0.97 0.00	55.05 1.50 0.00	62.72 1.71 0.00	55.67 1.41 0.00	42.14 0.95 0.00	39.80 0.86 0.00	38.09 0.78 0.00	35.53 0.56 0.00	35.56 0.59 0.00	34.25 0.54 0.00	35.01 0.58 0.00	38.18 0.64 0.00	44.68 0.88 0.00	55.58 1.30 0.00	65.31 2.02 0.00	61.66 1.74 0.00	49.85 1.36 0.00	44.06 1.11 0.00	41.66 1.05 0.00
SLEIGHT__34_KV_TB1 80719	38.28 -0.94 0.00	36.56 -0.78 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.72 -0.69 0.00	39.70 -0.85 0.00	52.43 -1.12 0.00	59.73 -1.28 0.00	53.12 -1.14 0.00	40.32 -0.86 0.00	38.36 -0.58 0.00	36.74 -0.56 0.00	34.31 -0.66 0.00	34.30 -0.66 0.00	32.97 -0.74 0.00	33.80 -0.62 0.00	36.71 -0.83 0.00	42.71 -1.10 0.00	52.97 -1.30 0.00	62.72 -0.57 0.00	59.20 -0.72 0.00	47.57 -0.92 0.00	42.13 -0.82 0.00	40.04 -0.57 0.00
SOUTH CAIRO___GT 23612	41.22 2.00 0.00	39.10 1.76 0.00	37.64 1.62 0.00	37.42 1.58 0.00	38.05 1.64 0.00	42.58 2.03 0.00	56.45 2.89 0.00	64.49 3.48 0.00	56.76 2.50 0.00	42.71 1.52 0.00	40.11 1.17 0.00	38.35 1.04 0.00	35.99 1.01 0.00	35.98 1.01 0.00	34.76 1.05 0.00	35.59 1.17 0.00	39.04 1.50 0.00	45.82 2.02 0.00	57.21 2.93 0.00	66.70 3.42 0.00	63.04 3.12 0.00	50.87 2.38 0.00	45.01 2.06 0.00	42.35 1.75 0.00
SOUTH HAMPTN___IC 23720	41.61 2.39 0.00	39.89 2.54 0.00	37.78 1.76 0.00	37.42 1.58 0.00	38.27 1.86 0.00	43.73 3.17 -0.01	56.88 3.32 0.00	65.59 4.58 0.00	58.87 4.61 0.00	44.77 3.58 0.00	42.06 3.12 0.00	39.99 2.69 0.00	37.32 2.34 0.00	37.41 2.45 0.00	36.04 2.32 0.00	37.01 2.58 0.00	40.62 3.08 0.00	47.89 4.07 -0.01	59.11 4.83 0.00	66.07 2.78 0.00	63.87 3.95 0.00	51.55 3.06 0.00	46.13 3.18 -0.01	43.08 2.48 0.00
SOUTHDOW_115KV_TB1 355954	37.73 -1.49 0.00	36.22 -1.12 0.00	35.23 -0.79 0.00	35.24 -0.61 0.00	35.65 -0.76 0.00	39.50 -1.05 0.00	52.00 -1.55 0.00	59.12 -1.89 0.00	52.42 -1.84 0.00	39.75 -1.44 0.00	37.85 -1.09 0.00	36.44 -0.86 0.00	33.82 -1.15 0.00	33.78 -1.19 0.00	32.50 -1.21 0.00	33.32 -1.10 0.00	36.07 -1.46 0.00	41.75 -2.06 0.00	52.27 -2.01 0.00	63.48 0.19 0.00	60.10 0.18 0.00	48.59 0.10 0.00	43.29 0.34 0.00	41.66 1.06 0.00
SOUTHOLD_69_KV_BK 2 55809	41.57 2.35 0.00	39.47 2.13 0.00	37.75 1.73 0.00	37.53 1.68 0.00	38.34 1.93 0.00	43.80 3.24 0.00	57.04 3.48 0.00	65.83 4.82 0.00	58.98 4.72 0.00	44.90 3.71 0.00	41.90 2.96 0.00	39.76 2.46 0.00	37.07 2.10 0.00	37.03 2.06 0.00	35.84 2.12 0.00	36.76 2.34 0.00	40.32 2.78 0.00	47.48 3.68 0.00	58.73 4.45 0.00	65.82 2.53 0.00	63.64 3.72 0.00	51.50 3.01 0.00	46.16 3.22 0.00	43.16 2.56 0.00
SOUTHOLD___IC 23719	41.57 2.35 0.00	39.85 2.50 0.00	37.78 1.76 0.00	37.46 1.61 0.00	38.34 1.93 0.00	43.81 3.25 -0.01	56.99 3.43 0.00	65.77 4.76 0.00	58.98 4.72 0.00	44.82 3.63 0.00	41.90 2.96 0.00	39.76 2.46 0.00	37.07 2.10 0.00	37.17 2.20 0.00	35.84 2.13 0.00	36.77 2.34 0.00	40.24 2.70 0.00	47.49 3.68 -0.01	58.73 4.45 0.00	65.75 2.47 0.00	63.58 3.66 0.00	51.45 2.96 0.00	46.17 3.22 -0.01	43.33 2.72 0.00
SOUTH_FORK_WT_PWR 323839	41.22 2.00 0.00	39.51 2.17 0.00	37.46 1.44 0.00	37.17 1.33 0.00	38.05 1.64 0.00	43.48 2.92 -0.01	56.55 3.00 0.00	65.22 4.21 0.00	58.55 4.29 0.00	44.49 3.30 0.00	41.47 2.53 0.00	39.32 2.01 0.00	36.65 1.68 0.00	36.75 1.78 0.00	35.43 1.72 0.00	36.32 1.89 0.00	39.68 2.14 0.00	46.88 3.07 -0.01	57.97 3.69 0.00	64.80 1.52 0.00	62.74 2.82 0.00	50.92 2.42 0.00	45.83 2.88 -0.01	43.16 2.56 0.00
SPIERFLS_115KV_TB 1 80737	41.57 2.35 0.00	39.51 2.17 0.00	37.96 1.95 0.00	37.78 1.94 0.00	38.49 2.08 0.00	43.07 2.51 0.00	57.04 3.48 0.00	65.10 4.09 0.00	57.68 3.42 0.00	43.50 2.31 0.00	41.04 2.10 0.00	39.20 1.90 0.00	36.65 1.68 0.00	36.54 1.57 0.00	35.27 1.55 0.00	36.11 1.69 0.00	39.56 2.03 0.00	46.30 2.50 0.00	56.39 2.12 0.00	65.50 2.22 0.00	61.90 1.98 0.00	50.00 1.50 0.00	44.15 1.20 0.00	41.62 1.02 0.00
ST LAWRENCE____ 23600	38.71 -0.51 0.00	36.97 -0.37 0.00	35.66 -0.36 0.00	35.52 -0.32 0.00	36.09 -0.33 0.00	40.27 -0.28 0.00	53.07 -0.48 0.00	60.34 -0.67 0.00	53.50 -0.76 0.00	40.53 -0.66 0.00	38.28 -0.66 0.00	36.63 -0.67 0.00	34.38 -0.59 0.00	34.41 -0.56 0.00	33.21 -0.50 0.00	33.81 -0.62 0.00	36.90 -0.64 0.00	43.19 -0.61 0.00	53.63 -0.65 0.00	62.59 -0.69 0.00	59.38 -0.54 0.00	48.20 -0.29 0.00	42.77 -0.17 0.00	40.48 -0.12 0.00
STATE_CA_115KV_115_LB 55624	40.32 1.10 0.00	38.28 0.93 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.61 1.05 0.00	54.89 1.34 0.00	62.84 1.83 0.00	55.89 1.63 0.00	42.34 1.15 0.00	39.99 1.05 0.00	38.35 1.04 0.00	35.99 1.01 0.00	35.98 1.01 0.00	34.73 1.01 0.00	35.49 1.07 0.00	38.78 1.24 0.00	45.16 1.36 0.00	55.96 1.68 0.00	64.87 1.58 0.00	61.42 1.50 0.00	49.70 1.21 0.00	43.89 0.94 0.00	41.38 0.77 0.00

STATE_ST_34_KV_LOAD 55959	39.18 -0.04 0.00	37.35 0.00 0.00	36.06 0.04 0.00	35.88 0.04 0.00	36.41 0.00 0.00	40.55 0.00 0.00	53.72 0.16 0.00	61.19 0.18 0.00	54.43 0.16 0.00	41.27 0.08 0.00	39.10 0.16 0.00	37.49 0.19 0.00	35.08 0.10 0.00	35.07 0.10 0.00	33.75 0.03 0.00	34.53 0.10 0.00	37.54 0.00 0.00	43.80 0.00 0.00	54.39 0.11 0.00	63.92 0.63 0.00	60.34 0.42 0.00	48.64 0.15 0.00	42.99 0.04 0.00	40.73 0.12 0.00
STATION 5_MISC_HYD 23604	37.96 -1.26 0.00	36.30 -1.05 0.00	35.23 -0.79 0.00	35.09 -0.75 0.00	35.54 -0.87 0.00	39.37 -1.18 0.00	51.52 -2.04 0.00	58.69 -2.32 0.00	52.26 -2.01 0.00	39.79 -1.40 0.00	37.89 -1.05 0.00	36.37 -0.93 0.00	33.89 -1.08 0.00	33.85 -1.12 0.00	32.57 -1.15 0.00	33.50 -0.93 0.00	36.45 -1.09 0.00	42.14 -1.66 0.00	52.10 -2.17 0.00	62.08 -1.20 0.00	58.72 -1.20 0.00	47.08 -1.41 0.00	41.79 -1.16 0.00	40.00 -0.61 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.75 -0.47 0.00	37.01 -0.34 0.00	35.84 -0.18 0.00	35.70 -0.14 0.00	36.20 -0.22 0.00	40.23 -0.32 0.00	53.18 -0.37 0.00	60.52 -0.49 0.00	53.94 -0.33 0.00	40.90 -0.29 0.00	38.86 -0.08 0.00	37.19 -0.11 0.00	34.73 -0.24 0.00	34.72 -0.24 0.00	33.34 -0.37 0.00	34.22 -0.21 0.00	37.20 -0.34 0.00	43.37 -0.44 0.00	53.79 -0.49 0.00	63.73 0.44 0.00	60.16 0.24 0.00	48.35 -0.15 0.00	42.73 -0.21 0.00	40.61 0.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.85 -1.37 0.00	36.22 -1.12 0.00	35.08 -0.94 0.00	34.98 -0.86 0.00	35.39 -1.02 0.00	39.25 -1.30 0.00	51.52 -2.04 0.00	58.63 -2.38 0.00	52.20 -2.06 0.00	39.71 -1.48 0.00	37.85 -1.09 0.00	36.30 -1.01 0.00	33.86 -1.12 0.00	33.85 -1.12 0.00	32.50 -1.21 0.00	33.43 -1.00 0.00	36.26 -1.28 0.00	42.10 -1.71 0.00	52.16 -2.12 0.00	62.08 -1.20 0.00	58.66 -1.26 0.00	47.04 -1.45 0.00	41.74 -1.20 0.00	39.83 -0.77 0.00
STA_56___34_KV_BUS2 355983	37.85 -1.37 0.00	36.22 -1.12 0.00	35.08 -0.94 0.00	34.98 -0.86 0.00	35.39 -1.02 0.00	39.25 -1.30 0.00	51.52 -2.04 0.00	58.63 -2.38 0.00	52.20 -2.06 0.00	39.71 -1.48 0.00	37.85 -1.09 0.00	36.30 -1.01 0.00	33.86 -1.12 0.00	33.85 -1.12 0.00	32.50 -1.21 0.00	33.43 -1.00 0.00	36.26 -1.28 0.00	42.10 -1.71 0.00	52.16 -2.12 0.00	62.08 -1.20 0.00	58.66 -1.26 0.00	47.04 -1.45 0.00	41.74 -1.20 0.00	39.83 -0.77 0.00
STA_67___115KV_BK2 355882	37.89 -1.33 0.00	36.26 -1.08 0.00	35.16 -0.86 0.00	35.06 -0.79 0.00	35.47 -0.95 0.00	39.29 -1.26 0.00	51.47 -2.09 0.00	58.57 -2.44 0.00	52.09 -2.17 0.00	39.67 -1.52 0.00	37.81 -1.13 0.00	36.26 -1.04 0.00	33.82 -1.15 0.00	33.81 -1.15 0.00	32.47 -1.25 0.00	33.43 -1.00 0.00	36.26 -1.28 0.00	42.10 -1.71 0.00	52.16 -2.12 0.00	62.15 -1.14 0.00	58.66 -1.26 0.00	47.09 -1.41 0.00	41.83 -1.12 0.00	39.96 -0.65 0.00
STA_7___115KV_9TRANS 80674	38.12 -1.10 0.00	36.49 -0.86 0.00	35.37 -0.65 0.00	35.27 -0.57 0.00	35.69 -0.73 0.00	39.58 -0.97 0.00	51.84 -1.71 0.00	59.00 -2.01 0.00	52.53 -1.74 0.00	40.00 -1.19 0.00	38.12 -0.82 0.00	36.56 -0.75 0.00	34.07 -0.91 0.00	34.06 -0.91 0.00	32.70 -1.01 0.00	33.67 -0.76 0.00	36.56 -0.98 0.00	42.49 -1.31 0.00	52.59 -1.68 0.00	62.78 -0.51 0.00	59.26 -0.66 0.00	47.52 -0.97 0.00	42.13 -0.82 0.00	40.24 -0.37 0.00
STA_82___115KV_TB1 80780	37.89 -1.33 0.00	36.26 -1.08 0.00	35.16 -0.86 0.00	35.06 -0.79 0.00	35.47 -0.95 0.00	39.34 -1.22 0.00	51.47 -2.09 0.00	58.57 -2.44 0.00	52.15 -2.12 0.00	39.67 -1.52 0.00	37.81 -1.13 0.00	36.26 -1.04 0.00	33.82 -1.15 0.00	33.81 -1.15 0.00	32.50 -1.21 0.00	33.43 -1.00 0.00	36.26 -1.28 0.00	42.10 -1.71 0.00	52.16 -2.12 0.00	62.15 -1.14 0.00	58.72 -1.20 0.00	47.13 -1.36 0.00	41.83 -1.12 0.00	39.96 -0.65 0.00
STEEL___WIND 323596	37.30 -1.92 0.00	35.74 -1.60 0.00	34.80 -1.22 0.00	34.66 -1.18 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.34 -3.21 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.72 -2.47 0.00	36.99 -1.95 0.00	35.66 -1.64 0.00	33.12 -1.85 0.00	33.04 -1.92 0.00	31.86 -1.85 0.00	32.70 -1.72 0.00	35.58 -1.95 0.00	40.87 -2.93 0.00	50.64 -3.64 0.00	61.01 -2.28 0.00	57.70 -2.22 0.00	46.46 -2.03 0.00	41.48 -1.46 0.00	40.12 -0.49 0.00
STEPHTWN_115KV_BK_2 55603	40.51 1.29 0.00	38.47 1.12 0.00	36.99 0.97 0.00	36.78 0.93 0.00	37.43 1.02 0.00	41.85 1.30 0.00	55.22 1.66 0.00	63.21 2.20 0.00	56.11 1.84 0.00	42.51 1.32 0.00	40.11 1.17 0.00	38.42 1.12 0.00	36.06 1.08 0.00	36.05 1.08 0.00	34.79 1.08 0.00	35.59 1.17 0.00	38.93 1.39 0.00	45.38 1.58 0.00	56.29 2.01 0.00	65.31 2.03 0.00	61.78 1.86 0.00	50.00 1.50 0.00	44.15 1.20 0.00	41.58 0.97 0.00
STEUBEN_REC_LFGE 323667	37.73 -1.49 0.00	36.26 -1.08 0.00	35.05 -0.97 0.00	35.02 -0.82 0.00	35.32 -1.09 0.00	39.29 -1.26 0.00	52.06 -1.50 0.00	58.88 -2.14 0.00	52.42 -1.84 0.00	39.46 -1.73 0.00	37.46 -1.48 0.00	35.96 -1.34 0.00	33.44 -1.54 0.00	33.39 -1.57 0.00	32.13 -1.58 0.00	33.05 -1.38 0.00	36.00 -1.54 0.00	42.23 -1.58 0.00	52.92 -1.36 0.00	63.60 0.32 0.00	60.10 0.18 0.00	48.44 -0.05 0.00	42.94 0.00 0.00	41.05 0.45 0.00
STILLWATER___SOLAR 323814	41.26 2.04 0.00	39.21 1.87 0.00	37.71 1.69 0.00	37.49 1.65 0.00	38.20 1.78 0.00	42.70 2.15 0.00	56.39 2.84 0.00	64.30 3.29 0.00	57.08 2.82 0.00	43.13 1.94 0.00	40.65 1.71 0.00	38.91 1.60 0.00	36.41 1.43 0.00	36.37 1.40 0.00	35.10 1.38 0.00	35.90 1.48 0.00	39.30 1.76 0.00	45.99 2.19 0.00	57.26 2.98 0.00	66.57 3.29 0.00	62.91 2.99 0.00	50.87 2.38 0.00	44.92 1.98 0.00	42.43 1.83 0.00
STONY___BROOK 24151	41.81 2.59 0.00	39.96 2.61 0.00	37.96 1.94 0.00	37.57 1.72 0.00	38.34 1.93 0.00	43.60 3.04 -0.01	56.93 3.38 0.00	65.65 4.63 0.00	58.71 4.45 0.00	44.77 3.58 0.00	42.17 3.23 0.00	40.14 2.83 0.00	37.49 2.52 0.00	37.59 2.62 0.00	36.21 2.49 0.00	37.18 2.75 0.00	40.88 3.34 0.00	48.19 4.38 -0.01	59.38 5.10 0.00	67.15 3.86 0.00	64.35 4.43 0.00	51.89 3.39 0.00	46.30 3.35 -0.01	43.16 2.56 0.00
STURGEON_POOL_HYD 23609	40.83 1.61 0.00	38.73 1.38 0.00	37.21 1.19 0.00	36.99 1.15 0.00	37.58 1.17 0.00	42.01 1.46 0.00	55.86 2.30 0.00	63.94 2.93 0.00	56.81 2.55 0.00	43.29 2.10 0.00	40.77 1.83 0.00	38.98 1.68 0.00	36.58 1.61 0.00	36.54 1.57 0.00	35.27 1.55 0.00	36.04 1.62 0.00	39.49 1.95 0.00	46.30 2.50 0.00	57.15 2.88 0.00	66.32 3.04 0.00	62.74 2.82 0.00	50.63 2.13 0.00	44.88 1.93 0.00	41.99 1.38 0.00
ST_LAW_115_BK7_LBMP 345037	38.71 -0.51 0.00	36.94 -0.41 0.00	35.66 -0.36 0.00	35.52 -0.32 0.00	36.09 -0.33 0.00	40.27 -0.28 0.00	53.07 -0.48 0.00	60.28 -0.73 0.00	53.45 -0.81 0.00	40.49 -0.70 0.00	38.24 -0.70 0.00	36.59 -0.71 0.00	34.35 -0.63 0.00	34.34 -0.63 0.00	33.17 -0.54 0.00	33.77 -0.66 0.00	36.82 -0.71 0.00	43.15 -0.66 0.00	53.63 -0.65 0.00	62.53 -0.76 0.00	59.32 -0.60 0.00	48.20 -0.29 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00

ST_LAW_115_BK8_LBMP 345038	38.71 -0.51 0.00	36.94 -0.41 0.00	35.66 -0.36 0.00	35.52 -0.32 0.00	36.09 -0.33 0.00	40.27 -0.28 0.00	53.07 -0.48 0.00	60.28 -0.73 0.00	53.45 -0.81 0.00	40.49 -0.70 0.00	38.24 -0.70 0.00	36.59 -0.71 0.00	34.35 -0.63 0.00	34.34 -0.63 0.00	33.17 -0.54 0.00	33.77 -0.66 0.00	36.82 -0.71 0.00	43.15 -0.66 0.00	53.63 -0.65 0.00	62.53 -0.76 0.00	59.32 -0.60 0.00	48.20 -0.29 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00
ST_LAW_230_BK5_LBMP 345035	38.71 -0.51 0.00	36.97 -0.37 0.00	35.66 -0.36 0.00	35.52 -0.32 0.00	36.09 -0.33 0.00	40.27 -0.28 0.00	53.07 -0.48 0.00	60.34 -0.67 0.00	53.50 -0.76 0.00	40.53 -0.66 0.00	38.28 -0.66 0.00	36.63 -0.67 0.00	34.38 -0.59 0.00	34.41 -0.56 0.00	33.21 -0.50 0.00	33.81 -0.62 0.00	36.90 -0.64 0.00	43.19 -0.61 0.00	53.63 -0.65 0.00	62.59 -0.69 0.00	59.38 -0.54 0.00	48.20 -0.29 0.00	42.77 -0.17 0.00	40.48 -0.12 0.00
ST_LAW_230_BK6_LBMP 345036	38.71 -0.51 0.00	36.97 -0.37 0.00	35.66 -0.36 0.00	35.52 -0.32 0.00	36.09 -0.33 0.00	40.27 -0.28 0.00	53.07 -0.48 0.00	60.34 -0.67 0.00	53.50 -0.76 0.00	40.53 -0.66 0.00	38.28 -0.66 0.00	36.63 -0.67 0.00	34.38 -0.59 0.00	34.41 -0.56 0.00	33.21 -0.50 0.00	33.81 -0.62 0.00	36.90 -0.64 0.00	43.19 -0.61 0.00	53.63 -0.65 0.00	62.59 -0.69 0.00	59.38 -0.54 0.00	48.20 -0.29 0.00	42.77 -0.17 0.00	40.48 -0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.55 1.33 0.00	38.50 1.16 0.00	36.99 0.97 0.00	36.78 0.93 0.00	37.40 0.98 0.00	41.81 1.26 0.00	55.48 1.93 0.00	63.57 2.56 0.00	56.54 2.28 0.00	43.08 1.89 0.00	40.58 1.64 0.00	38.83 1.53 0.00	36.41 1.43 0.00	36.36 1.40 0.00	35.10 1.38 0.00	35.87 1.45 0.00	39.26 1.73 0.00	45.95 2.15 0.00	56.72 2.44 0.00	65.88 2.59 0.00	62.32 2.40 0.00	50.29 1.79 0.00	44.53 1.59 0.00	41.74 1.14 0.00
SWANROAD_115KV_TB1 355699	36.20 -3.02 0.00	34.77 -2.58 0.00	33.82 -2.20 0.00	33.77 -2.08 0.00	34.05 -2.37 0.00	37.59 -2.96 0.00	48.74 -4.82 0.00	55.15 -5.86 0.00	49.00 -5.26 0.00	37.44 -3.75 0.00	35.75 -3.19 0.00	34.47 -2.83 0.00	32.04 -2.94 0.00	32.03 -2.94 0.00	30.82 -2.90 0.00	31.64 -2.79 0.00	34.35 -3.19 0.00	39.60 -4.21 0.00	49.12 -5.16 0.00	59.17 -4.11 0.00	55.85 -4.07 0.00	44.86 -3.64 0.00	40.11 -2.83 0.00	38.74 -1.87 0.00
SYNERGY___BIOGAS 323694	38.00 -1.22 0.00	36.37 -0.97 0.00	35.41 -0.61 0.00	35.27 -0.57 0.00	35.72 -0.69 0.00	39.54 -1.01 0.00	51.63 -1.93 0.00	58.76 -2.26 0.00	52.15 -2.12 0.00	39.58 -1.61 0.00	37.77 -1.17 0.00	36.22 -1.08 0.00	33.65 -1.33 0.00	33.60 -1.36 0.00	32.30 -1.41 0.00	33.29 -1.14 0.00	36.30 -1.24 0.00	41.97 -1.84 0.00	51.94 -2.33 0.00	62.59 -0.69 0.00	59.26 -0.66 0.00	47.42 -1.07 0.00	42.13 -0.82 0.00	40.48 -0.12 0.00
SYRACUSE___ENERGY_ST1 323597	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.43 -0.12 0.00	53.45 -0.11 0.00	60.89 -0.12 0.00	54.21 -0.05 0.00	41.11 -0.08 0.00	38.98 0.04 0.00	37.38 0.07 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.42 0.00 0.00	37.42 -0.11 0.00	43.59 -0.22 0.00	54.06 -0.22 0.00	63.35 0.06 0.00	59.86 -0.06 0.00	48.30 -0.19 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00
SYRACUSE___ENERGY_ST2 323598	39.10 -0.12 0.00	37.27 -0.07 0.00	35.98 -0.04 0.00	35.81 -0.04 0.00	36.34 -0.07 0.00	40.43 -0.12 0.00	53.45 -0.11 0.00	60.89 -0.12 0.00	54.21 -0.05 0.00	41.11 -0.08 0.00	38.98 0.04 0.00	37.38 0.07 0.00	34.97 0.00 0.00	34.97 0.00 0.00	33.65 -0.07 0.00	34.42 0.00 0.00	37.42 -0.11 0.00	43.59 -0.22 0.00	54.06 -0.22 0.00	63.35 0.06 0.00	59.86 -0.06 0.00	48.30 -0.19 0.00	42.73 -0.21 0.00	40.48 -0.12 0.00
SYRACUSE___POWER 24017	39.06 -0.16 0.00	37.20 -0.15 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.30 -0.11 0.00	40.35 -0.20 0.00	53.40 -0.16 0.00	60.83 -0.18 0.00	54.10 -0.16 0.00	41.07 -0.12 0.00	38.90 -0.04 0.00	37.30 0.00 0.00	34.94 -0.03 0.00	34.93 -0.03 0.00	33.61 -0.10 0.00	34.39 -0.03 0.00	37.39 -0.15 0.00	43.54 -0.26 0.00	54.01 -0.27 0.00	63.35 0.06 0.00	59.80 -0.12 0.00	48.25 -0.24 0.00	42.69 -0.26 0.00	40.44 -0.16 0.00
TALLMAN___138KV_BK151 55660	40.67 1.45 0.00	38.65 1.31 0.00	37.10 1.08 0.00	36.88 1.04 0.00	37.51 1.09 0.00	41.93 1.38 0.00	55.75 2.20 0.00	63.88 2.87 0.00	56.87 2.60 0.00	43.37 2.18 0.00	40.85 1.91 0.00	39.09 1.79 0.00	36.65 1.68 0.00	36.57 1.61 0.00	35.33 1.62 0.00	36.11 1.69 0.00	39.49 1.95 0.00	46.26 2.45 0.00	56.99 2.71 0.00	66.13 2.85 0.00	62.56 2.64 0.00	50.53 2.04 0.00	44.75 1.80 0.00	41.86 1.26 0.00
TEALLAVE_115KV_TB7 355573	38.95 -0.27 0.00	37.08 -0.26 0.00	35.80 -0.22 0.00	35.67 -0.18 0.00	36.20 -0.22 0.00	40.23 -0.32 0.00	53.18 -0.37 0.00	60.65 -0.37 0.00	53.94 -0.33 0.00	40.94 -0.25 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.87 -0.10 0.00	34.86 -0.10 0.00	33.55 -0.17 0.00	34.32 -0.10 0.00	37.27 -0.26 0.00	43.41 -0.39 0.00	53.79 -0.49 0.00	63.10 -0.19 0.00	59.56 -0.36 0.00	48.06 -0.44 0.00	42.51 -0.43 0.00	40.32 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	37.14 -2.08 0.00	35.63 -1.72 0.00	34.65 -1.37 0.00	34.55 -1.29 0.00	34.92 -1.49 0.00	38.61 -1.95 0.00	50.24 -3.32 0.00	56.98 -4.03 0.00	50.63 -3.64 0.00	38.55 -2.64 0.00	36.84 -2.10 0.00	35.40 -1.90 0.00	32.91 -2.06 0.00	32.90 -2.06 0.00	31.62 -2.09 0.00	32.53 -1.89 0.00	35.29 -2.25 0.00	40.83 -2.98 0.00	50.69 -3.58 0.00	61.13 -2.15 0.00	57.64 -2.28 0.00	46.21 -2.28 0.00	41.23 -1.72 0.00	39.67 -0.93 0.00
TEMPLE___115KV_TB 2 55572	38.95 -0.27 0.00	37.12 -0.22 0.00	35.84 -0.18 0.00	35.70 -0.14 0.00	36.20 -0.22 0.00	40.27 -0.28 0.00	53.23 -0.32 0.00	60.65 -0.37 0.00	53.99 -0.27 0.00	40.98 -0.21 0.00	38.86 -0.08 0.00	37.27 -0.04 0.00	34.90 -0.07 0.00	34.86 -0.10 0.00	33.58 -0.13 0.00	34.32 -0.10 0.00	37.31 -0.23 0.00	43.41 -0.39 0.00	53.84 -0.43 0.00	63.10 -0.19 0.00	59.62 -0.30 0.00	48.10 -0.39 0.00	42.56 -0.39 0.00	40.36 -0.24 0.00
TIANA____69_KV_BK 1 55817	41.65 2.43 0.00	39.47 2.13 0.00	37.78 1.76 0.00	37.53 1.68 0.00	38.27 1.86 0.00	43.71 3.16 0.00	56.88 3.32 0.00	65.65 4.64 0.00	58.88 4.61 0.00	44.86 3.67 0.00	42.10 3.15 0.00	40.03 2.72 0.00	37.39 2.41 0.00	37.34 2.38 0.00	36.11 2.39 0.00	37.07 2.65 0.00	40.77 3.23 0.00	47.97 4.16 0.00	59.16 4.88 0.00	66.32 3.04 0.00	64.05 4.13 0.00	51.64 3.15 0.00	46.12 3.18 0.00	42.88 2.27 0.00
TILDEN___115KV_TB1 80814	39.06 -0.16 0.00	37.20 -0.15 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.30 -0.11 0.00	40.35 -0.20 0.00	53.40 -0.16 0.00	60.83 -0.18 0.00	54.10 -0.16 0.00	41.07 -0.12 0.00	38.90 -0.04 0.00	37.30 0.00 0.00	34.94 -0.03 0.00	34.93 -0.03 0.00	33.61 -0.10 0.00	34.39 -0.03 0.00	37.39 -0.15 0.00	43.54 -0.26 0.00	54.01 -0.27 0.00	63.35 0.06 0.00	59.80 -0.12 0.00	48.25 -0.24 0.00	42.69 -0.26 0.00	40.44 -0.16 0.00

TRIGEN__CC 323695	41.42 2.20 0.00	39.29 1.94 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.05 1.64 0.00	42.86 2.31 0.00	56.50 2.95 0.00	64.98 3.97 0.00	57.84 3.58 0.00	44.24 3.05 0.00	41.67 2.73 0.00	39.80 2.50 0.00	37.21 2.24 0.00	37.13 2.17 0.00	35.87 2.16 0.00	36.76 2.34 0.00	40.39 2.85 0.00	47.35 3.55 0.00	58.24 3.96 0.00	66.89 3.61 0.00	63.64 3.72 0.00	51.35 2.86 0.00	45.69 2.75 0.00	42.55 1.95 0.00
TRINITY__115KV__ 4 BK 55933	40.20 0.98 0.00	38.20 0.86 0.00	36.74 0.72 0.00	36.53 0.68 0.00	37.14 0.73 0.00	41.48 0.93 0.00	54.68 1.12 0.00	62.60 1.59 0.00	55.84 1.57 0.00	42.34 1.15 0.00	39.95 1.01 0.00	38.31 1.01 0.00	35.95 0.98 0.00	35.98 1.01 0.00	34.69 0.98 0.00	35.46 1.03 0.00	38.70 1.16 0.00	45.07 1.27 0.00	55.80 1.52 0.00	64.62 1.33 0.00	61.18 1.26 0.00	49.51 1.02 0.00	43.76 0.82 0.00	41.25 0.65 0.00
UNION__PROCESSING_DRP 323587	37.93 -1.29 0.00	36.26 -1.08 0.00	35.19 -0.83 0.00	35.06 -0.79 0.00	35.50 -0.91 0.00	39.34 -1.22 0.00	51.52 -2.04 0.00	58.57 -2.44 0.00	52.15 -2.12 0.00	39.67 -1.52 0.00	37.81 -1.13 0.00	36.26 -1.04 0.00	33.82 -1.15 0.00	33.81 -1.15 0.00	32.50 -1.21 0.00	33.43 -1.00 0.00	36.30 -1.24 0.00	42.10 -1.71 0.00	52.16 -2.12 0.00	62.21 -1.08 0.00	58.72 -1.20 0.00	47.13 -1.36 0.00	41.83 -1.12 0.00	39.96 -0.65 0.00
UPPER HUDSON__HYD 24058	41.57 2.35 0.00	39.47 2.13 0.00	37.96 1.94 0.00	37.78 1.93 0.00	38.49 2.07 0.00	43.07 2.52 0.00	57.04 3.48 0.00	65.04 4.03 0.00	57.68 3.42 0.00	43.49 2.31 0.00	41.04 2.10 0.00	39.20 1.90 0.00	36.65 1.68 0.00	36.54 1.57 0.00	35.27 1.55 0.00	36.11 1.69 0.00	39.53 1.99 0.00	46.30 2.50 0.00	57.80 3.53 0.00	67.40 4.11 0.00	63.70 3.78 0.00	51.45 2.96 0.00	45.30 2.36 0.00	42.80 2.19 0.00
UPPER RAQUET__HYD 24056	38.08 -1.14 0.00	36.34 -1.01 0.00	35.12 -0.90 0.00	35.02 -0.82 0.00	35.58 -0.84 0.00	39.82 -0.73 0.00	52.54 -1.02 0.00	59.42 -1.59 0.00	52.53 -1.74 0.00	39.62 -1.57 0.00	37.42 -1.52 0.00	35.74 -1.57 0.00	33.51 -1.47 0.00	33.53 -1.44 0.00	32.40 -1.32 0.00	32.88 -1.55 0.00	35.89 -1.65 0.00	42.18 -1.62 0.00	52.65 -1.63 0.00	61.64 -1.65 0.00	58.60 -1.32 0.00	47.81 -0.68 0.00	42.38 -0.56 0.00	40.24 -0.37 0.00
VALLEY44_115KV_TB2 355964	37.57 -1.65 0.00	36.08 -1.27 0.00	35.01 -1.01 0.00	34.98 -0.86 0.00	35.32 -1.09 0.00	39.13 -1.42 0.00	51.47 -2.09 0.00	58.14 -2.87 0.00	51.55 -2.71 0.00	39.21 -1.98 0.00	37.31 -1.64 0.00	35.88 -1.42 0.00	33.37 -1.61 0.00	33.29 -1.68 0.00	32.06 -1.65 0.00	32.87 -1.55 0.00	35.62 -1.91 0.00	41.26 -2.54 0.00	51.40 -2.88 0.00	61.83 -1.46 0.00	58.42 -1.50 0.00	47.09 -1.41 0.00	41.91 -1.03 0.00	40.40 -0.20 0.00
VALLEY__115KV_TB 1-4 80826	38.87 -0.35 0.00	36.97 -0.37 0.00	35.66 -0.36 0.00	35.52 -0.32 0.00	36.16 -0.25 0.00	40.31 -0.24 0.00	53.29 -0.27 0.00	60.77 -0.24 0.00	53.94 -0.33 0.00	40.90 -0.29 0.00	38.59 -0.35 0.00	36.93 -0.37 0.00	34.55 -0.42 0.00	34.58 -0.38 0.00	33.31 -0.40 0.00	34.01 -0.41 0.00	37.12 -0.41 0.00	43.41 -0.39 0.00	54.01 -0.27 0.00	63.10 -0.19 0.00	59.74 -0.18 0.00	48.40 -0.10 0.00	42.86 -0.09 0.00	40.52 -0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.99 1.76 0.00	38.99 1.64 0.00	37.68 1.66 0.00	37.42 1.58 0.00	38.05 1.64 0.00	42.42 1.87 0.00	56.18 2.62 0.00	64.18 3.17 0.00	57.03 2.77 0.00	43.33 2.14 0.00	40.81 1.87 0.00	39.06 1.75 0.00	36.41 1.43 0.00	36.47 1.50 0.00	35.10 1.38 0.00	35.90 1.48 0.00	39.23 1.69 0.00	45.91 2.10 0.00	56.99 2.71 0.00	66.64 3.35 0.00	62.98 3.06 0.00	50.97 2.47 0.00	45.09 2.15 0.00	42.47 1.87 0.00
VISCHER__FERRY HYD 24020	40.83 1.61 0.00	38.80 1.46 0.00	37.31 1.29 0.00	37.06 1.22 0.00	37.72 1.31 0.00	42.18 1.62 0.00	55.59 2.03 0.00	63.45 2.44 0.00	56.49 2.23 0.00	42.79 1.60 0.00	40.34 1.40 0.00	38.61 1.30 0.00	36.23 1.26 0.00	36.22 1.26 0.00	34.93 1.21 0.00	35.70 1.27 0.00	39.08 1.54 0.00	45.69 1.88 0.00	56.61 2.33 0.00	65.56 2.27 0.00	62.02 2.10 0.00	50.19 1.70 0.00	44.36 1.42 0.00	41.94 1.34 0.00
V_A_10_SYNC_DSASP 323832	36.99 -2.23 0.00	35.40 -1.94 0.00	34.44 -1.58 0.00	34.30 -1.54 0.00	34.70 -1.71 0.00	38.36 -2.19 0.00	49.81 -3.75 0.00	56.62 -4.39 0.00	50.36 -3.91 0.00	38.43 -2.76 0.00	36.68 -2.26 0.00	35.29 -2.01 0.00	32.84 -2.13 0.00	32.80 -2.17 0.00	31.59 -2.12 0.00	32.46 -1.96 0.00	35.36 -2.18 0.00	40.65 -3.15 0.00	50.21 -4.07 0.00	60.12 -3.16 0.00	56.87 -3.05 0.00	45.68 -2.81 0.00	40.71 -2.23 0.00	39.22 -1.38 0.00
V_CMM_10_SYNC_DSASP 323787	38.87 -0.35 0.00	37.09 -0.26 0.00	35.81 -0.21 0.00	35.67 -0.18 0.00	36.23 -0.18 0.00	40.43 -0.12 0.00	53.29 -0.27 0.00	60.59 -0.42 0.00	53.72 -0.54 0.00	40.65 -0.54 0.00	38.43 -0.51 0.00	36.78 -0.52 0.00	34.52 -0.46 0.00	34.51 -0.46 0.00	33.31 -0.40 0.00	33.91 -0.52 0.00	37.01 -0.53 0.00	43.32 -0.48 0.00	53.84 -0.44 0.00	62.85 -0.44 0.00	59.68 -0.24 0.00	48.49 0.00 0.00	42.99 0.04 0.00	40.69 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	37.85 -1.37 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	35.16 -0.68 0.00	35.72 -0.69 0.00	39.90 -0.65 0.00	52.49 -1.07 0.00	59.61 -1.40 0.00	52.47 -1.79 0.00	39.38 -1.81 0.00	37.07 -1.87 0.00	35.36 -1.94 0.00	33.15 -1.82 0.00	33.22 -1.75 0.00	32.13 -1.58 0.00	32.77 -1.65 0.00	35.92 -1.61 0.00	42.45 -1.36 0.00	53.24 -1.03 0.00	61.51 -1.77 0.00	58.78 -1.14 0.00	48.69 0.19 0.00	43.16 0.22 0.00	40.89 0.29 0.00
V_D_10_SYNC_DSASP 323841	38.95 -0.27 0.00	37.16 -0.19 0.00	35.91 -0.11 0.00	35.77 -0.07 0.00	36.34 -0.07 0.00	40.59 0.04 0.00	53.50 -0.05 0.00	60.71 -0.30 0.00	53.77 -0.49 0.00	40.65 -0.54 0.00	38.43 -0.51 0.00	36.78 -0.52 0.00	34.52 -0.46 0.00	34.55 -0.42 0.00	33.34 -0.37 0.00	33.91 -0.52 0.00	37.01 -0.53 0.00	43.37 -0.44 0.00	54.01 -0.27 0.00	63.10 -0.19 0.00	59.92 0.00 0.00	48.74 0.24 0.00	43.20 0.26 0.00	40.93 0.32 0.00
V_E_10_SYNC_DSASP 323830	41.61 2.39 0.00	39.66 2.32 0.00	38.36 2.34 0.00	38.07 2.22 0.00	38.78 2.37 0.00	43.27 2.72 0.00	57.68 4.12 0.00	65.46 4.45 0.00	57.74 3.48 0.00	43.41 2.22 0.00	40.73 1.79 0.00	38.94 1.64 0.00	36.06 1.09 0.00	36.19 1.22 0.00	34.79 1.08 0.00	35.87 1.45 0.00	39.27 1.73 0.00	46.30 2.50 0.00	58.13 3.85 0.00	69.36 6.08 0.00	65.32 5.40 0.00	52.66 4.17 0.00	46.42 3.48 0.00	43.73 3.13 0.00
V_F_30_NSYNC__DSASP 323816	41.34 2.12 0.00	39.25 1.90 0.00	37.75 1.73 0.00	37.53 1.69 0.00	38.23 1.82 0.00	42.74 2.19 0.00	56.45 2.89 0.00	64.36 3.35 0.00	57.19 2.93 0.00	43.21 2.02 0.00	40.73 1.79 0.00	38.98 1.68 0.00	36.48 1.50 0.00	36.40 1.43 0.00	35.13 1.42 0.00	35.94 1.51 0.00	39.34 1.80 0.00	46.04 2.23 0.00	57.31 3.04 0.00	66.64 3.35 0.00	63.03 3.11 0.00	50.96 2.47 0.00	44.96 2.02 0.00	42.51 1.91 0.00

V_F_30_SYNC_DSASP 323786	40.32 1.10 0.00	38.28 0.93 0.00	36.85 0.83 0.00	36.63 0.79 0.00	37.25 0.84 0.00	41.61 1.05 0.00	54.89 1.34 0.00	62.84 1.83 0.00	55.89 1.63 0.00	42.34 1.15 0.00	39.99 1.05 0.00	38.35 1.04 0.00	35.99 1.01 0.00	35.98 1.01 0.00	34.73 1.01 0.00	35.49 1.07 0.00	38.78 1.24 0.00	45.16 1.36 0.00	55.96 1.68 0.00	64.87 1.58 0.00	61.36 1.44 0.00	49.70 1.21 0.00	43.89 0.94 0.00	41.38 0.77 0.00
V_XM_10_SYNC_DSASP 323789	37.85 -1.37 0.00	36.34 -1.01 0.00	35.16 -0.86 0.00	35.16 -0.68 0.00	35.72 -0.69 0.00	39.90 -0.65 0.00	52.49 -1.07 0.00	59.61 -1.40 0.00	52.47 -1.79 0.00	39.38 -1.81 0.00	37.07 -1.87 0.00	35.36 -1.94 0.00	33.15 -1.82 0.00	33.22 -1.75 0.00	32.13 -1.58 0.00	32.77 -1.65 0.00	35.92 -1.61 0.00	42.45 -1.36 0.00	53.24 -1.03 0.00	61.51 -1.77 0.00	58.78 -1.14 0.00	48.69 0.19 0.00	43.16 0.22 0.00	40.89 0.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.83 1.61 0.00	38.76 1.42 0.00	37.21 1.19 0.00	36.99 1.15 0.00	37.62 1.20 0.00	42.09 1.54 0.00	55.91 2.36 0.00	64.12 3.11 0.00	57.03 2.77 0.00	43.50 2.31 0.00	40.97 2.02 0.00	39.20 1.90 0.00	36.76 1.78 0.00	36.68 1.71 0.00	35.43 1.72 0.00	36.21 1.79 0.00	39.64 2.10 0.00	46.39 2.58 0.00	57.21 2.93 0.00	66.39 3.10 0.00	62.80 2.88 0.00	50.72 2.23 0.00	44.88 1.93 0.00	42.03 1.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	41.18 1.96 0.00	39.10 1.76 0.00	37.53 1.51 0.00	37.28 1.43 0.00	37.94 1.53 0.00	42.46 1.91 0.00	56.56 3.00 0.00	64.85 3.84 0.00	57.79 3.53 0.00	44.16 2.97 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.32 2.34 0.00	37.20 2.24 0.00	35.97 2.26 0.00	36.73 2.31 0.00	40.24 2.70 0.00	47.13 3.33 0.00	57.91 3.64 0.00	67.15 3.86 0.00	63.46 3.54 0.00	51.30 2.81 0.00	45.35 2.40 0.00	42.39 1.79 0.00
W50THST__13_KV_LOAD 356117	41.34 2.12 0.00	39.25 1.90 0.00	37.68 1.66 0.00	37.42 1.58 0.00	38.09 1.68 0.00	42.62 2.07 0.00	56.88 3.32 0.00	65.22 4.21 0.00	58.12 3.85 0.00	44.48 3.30 0.00	41.86 2.92 0.00	40.10 2.80 0.00	37.60 2.62 0.00	37.45 2.48 0.00	36.21 2.49 0.00	36.97 2.55 0.00	40.50 2.97 0.00	47.44 3.64 0.00	58.19 3.91 0.00	67.46 4.18 0.00	63.81 3.89 0.00	51.55 3.05 0.00	45.56 2.62 0.00	42.55 1.95 0.00
WADING RIVER_IC_1 23522	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.52 2.96 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.61 4.34 0.00	44.65 3.46 0.00	41.98 3.04 0.00	39.95 2.65 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.93 4.12 -0.01	59.11 4.83 0.00	65.94 2.66 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.87 2.92 -0.01	42.80 2.19 0.00
WADING RIVER_IC_2 23547	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.52 2.96 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.61 4.34 0.00	44.65 3.46 0.00	41.98 3.04 0.00	39.95 2.65 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.93 4.12 -0.01	59.11 4.83 0.00	65.94 2.66 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.87 2.92 -0.01	42.80 2.19 0.00
WADING RIVER_IC_3 23601	41.45 2.23 0.00	39.74 2.39 0.00	37.64 1.62 0.00	37.24 1.40 0.00	38.09 1.68 0.00	43.52 2.96 -0.01	56.55 3.00 0.00	65.16 4.15 0.00	58.61 4.34 0.00	44.65 3.46 0.00	41.98 3.04 0.00	39.95 2.65 0.00	37.35 2.38 0.00	37.45 2.48 0.00	36.07 2.36 0.00	37.04 2.61 0.00	40.69 3.15 0.00	47.93 4.12 -0.01	59.11 4.83 0.00	65.94 2.66 0.00	63.76 3.84 0.00	51.40 2.91 0.00	45.87 2.92 -0.01	42.80 2.19 0.00
WALDENNY_12_KV_BK2 80841	37.34 -1.88 0.00	35.81 -1.53 0.00	34.83 -1.19 0.00	34.77 -1.08 0.00	35.07 -1.35 0.00	38.77 -1.78 0.00	50.45 -3.11 0.00	57.17 -3.84 0.00	50.79 -3.47 0.00	38.76 -2.43 0.00	37.03 -1.91 0.00	35.70 -1.60 0.00	33.19 -1.78 0.00	33.15 -1.82 0.00	31.89 -1.82 0.00	32.74 -1.69 0.00	35.47 -2.06 0.00	40.96 -2.85 0.00	50.86 -3.42 0.00	61.32 -1.96 0.00	57.88 -2.04 0.00	46.55 -1.94 0.00	41.57 -1.37 0.00	40.08 -0.53 0.00
WALDEN__HYDRO 24148	40.75 1.53 0.00	38.69 1.34 0.00	37.17 1.15 0.00	36.96 1.11 0.00	37.58 1.17 0.00	42.01 1.46 0.00	55.81 2.25 0.00	64.00 2.99 0.00	56.87 2.60 0.00	43.33 2.14 0.00	40.77 1.83 0.00	38.98 1.68 0.00	36.58 1.61 0.00	36.50 1.54 0.00	35.27 1.55 0.00	36.04 1.62 0.00	39.49 1.95 0.00	46.30 2.50 0.00	57.15 2.88 0.00	66.45 3.16 0.00	62.80 2.88 0.00	50.67 2.18 0.00	44.88 1.93 0.00	42.03 1.42 0.00
WARRENSBURG____ 23737	41.57 2.35 0.00	39.51 2.17 0.00	37.96 1.95 0.00	37.78 1.94 0.00	38.49 2.08 0.00	43.07 2.51 0.00	57.04 3.48 0.00	65.10 4.09 0.00	57.68 3.42 0.00	43.50 2.31 0.00	41.04 2.10 0.00	39.20 1.90 0.00	36.65 1.68 0.00	36.54 1.57 0.00	35.27 1.55 0.00	36.11 1.69 0.00	39.56 2.03 0.00	46.30 2.50 0.00	56.39 2.12 0.00	65.50 2.22 0.00	61.90 1.98 0.00	50.00 1.50 0.00	44.15 1.20 0.00	41.62 1.02 0.00
WATERSIDE____6 8 9 23538	39.51 2.20 1.90	37.23 1.98 2.09	35.48 1.69 2.23	35.21 1.65 2.28	35.85 1.71 2.27	41.08 2.07 1.54	56.75 3.27 0.07	65.11 4.09 -0.01	57.96 3.69 -0.01	53.28 3.05 -9.04	52.02 2.76 -10.32	51.56 2.61 -11.65	50.23 2.45 -12.81	50.21 2.38 -12.87	41.81 2.33 -5.76	49.96 2.41 -13.13	51.03 2.78 -10.72	50.61 3.42 -3.39	58.14 3.85 -0.01	63.46 4.11 3.94	60.10 3.83 3.66	51.25 3.01 0.25	45.57 2.62 -0.01	41.11 1.95 1.45
WATKINRD_115KV_LN8_ILLION 55919	39.06 -0.16 0.00	37.16 -0.19 0.00	35.84 -0.18 0.00	35.67 -0.18 0.00	36.30 -0.11 0.00	40.47 -0.08 0.00	53.45 -0.11 0.00	60.95 -0.06 0.00	54.16 -0.11 0.00	41.07 -0.12 0.00	38.79 -0.16 0.00	37.12 -0.19 0.00	34.76 -0.21 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	34.22 -0.21 0.00	37.35 -0.19 0.00	43.67 -0.13 0.00	54.22 -0.05 0.00	63.29 0.00 0.00	59.92 0.00 0.00	48.54 0.05 0.00	42.99 0.04 0.00	40.61 0.00 0.00
WATSON____69_KV_BK 1 55734	42.08 2.86 0.00	39.88 2.54 0.00	38.15 2.13 0.00	37.89 2.04 0.00	38.56 2.15 0.00	43.80 3.24 0.00	57.41 3.86 0.00	66.26 5.25 0.00	59.04 4.78 0.00	45.02 3.83 0.00	42.33 3.39 0.00	40.32 3.02 0.00	37.63 2.66 0.00	37.59 2.62 0.00	36.34 2.63 0.00	37.32 2.89 0.00	41.10 3.57 0.00	48.36 4.56 0.00	59.65 5.37 0.00	67.78 4.49 0.00	64.89 4.97 0.00	52.27 3.78 0.00	46.55 3.61 0.00	43.20 2.60 0.00
WDELAWARE__HYD 323627	40.59 1.37 0.00	38.58 1.23 0.00	37.07 1.05 0.00	36.81 0.97 0.00	37.43 1.02 0.00	41.85 1.30 0.00	55.70 2.14 0.00	63.69 2.68 0.00	56.54 2.28 0.00	43.00 1.81 0.00	40.42 1.48 0.00	38.64 1.34 0.00	36.23 1.26 0.00	36.22 1.26 0.00	34.96 1.25 0.00	35.73 1.31 0.00	39.15 1.61 0.00	45.99 2.19 0.00	56.94 2.66 0.00	66.26 2.98 0.00	62.55 2.63 0.00	50.48 1.99 0.00	44.75 1.80 0.00	41.99 1.38 0.00

WEST BABYLON___IC 23714	41.97 2.75 0.00	39.77 2.43 0.00	38.07 2.05 0.00	37.82 1.97 0.00	38.49 2.08 0.00	43.59 3.04 0.00	57.25 3.70 0.00	65.95 4.94 0.00	58.71 4.45 0.00	44.86 3.67 0.00	42.17 3.23 0.00	40.21 2.91 0.00	37.53 2.55 0.00	37.48 2.52 0.00	36.24 2.53 0.00	37.21 2.79 0.00	40.95 3.42 0.00	48.14 4.34 0.00	59.33 5.05 0.00	67.65 4.37 0.00	64.65 4.73 0.00	52.08 3.59 0.00	46.38 3.44 0.00	43.12 2.52 0.00
WEST CANADA___HYD 24049	39.34 0.12 0.00	37.42 0.07 0.00	36.09 0.07 0.00	35.92 0.07 0.00	36.49 0.07 0.00	40.63 0.08 0.00	53.72 0.16 0.00	61.19 0.18 0.00	54.43 0.16 0.00	41.36 0.17 0.00	39.06 0.12 0.00	37.41 0.11 0.00	35.04 0.07 0.00	35.07 0.11 0.00	33.82 0.10 0.00	34.53 0.10 0.00	37.65 0.11 0.00	43.98 0.18 0.00	54.50 0.22 0.00	63.54 0.25 0.00	60.16 0.24 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.73 0.12 0.00
WESTERN_NY_WIND 24143	37.97 -1.26 0.00	36.41 -0.93 0.00	35.37 -0.65 0.00	35.31 -0.54 0.00	35.69 -0.73 0.00	39.50 -1.05 0.00	51.63 -1.93 0.00	58.63 -2.38 0.00	52.04 -2.22 0.00	39.54 -1.65 0.00	37.69 -1.25 0.00	36.15 -1.16 0.00	33.61 -1.36 0.00	33.60 -1.36 0.00	32.23 -1.48 0.00	33.22 -1.20 0.00	36.11 -1.43 0.00	41.92 -1.88 0.00	52.05 -2.23 0.00	62.84 -0.44 0.00	59.32 -0.60 0.00	47.47 -1.02 0.00	42.21 -0.73 0.00	40.48 -0.12 0.00
WESTOVER___LESR 323668	39.14 -0.08 0.00	37.35 0.00 0.00	36.09 0.07 0.00	35.95 0.11 0.00	36.45 0.04 0.00	40.55 0.00 0.00	53.61 0.05 0.00	60.95 -0.06 0.00	54.05 -0.22 0.00	41.02 -0.16 0.00	38.82 -0.12 0.00	37.23 -0.07 0.00	34.80 -0.17 0.00	34.76 -0.21 0.00	33.48 -0.24 0.00	34.25 -0.17 0.00	37.42 -0.11 0.00	43.63 -0.18 0.00	54.17 -0.11 0.00	63.73 0.44 0.00	60.22 0.30 0.00	48.64 0.15 0.00	43.07 0.13 0.00	40.89 0.28 0.00
WETHRSFD_WT_PWR 323626	36.44 -2.78 0.00	34.92 -2.43 0.00	33.93 -2.09 0.00	33.80 -2.04 0.00	34.23 -2.18 0.00	38.04 -2.51 0.00	49.75 -3.80 0.00	56.37 -4.64 0.00	50.03 -4.23 0.00	37.93 -3.25 0.00	36.02 -2.92 0.00	34.62 -2.69 0.00	32.21 -2.76 0.00	32.10 -2.87 0.00	30.92 -2.80 0.00	31.77 -2.65 0.00	34.72 -2.82 0.00	40.30 -3.51 0.00	50.15 -4.13 0.00	60.50 -2.78 0.00	57.35 -2.57 0.00	46.21 -2.28 0.00	41.18 -1.76 0.00	39.75 -0.85 0.00
WHAVSTOR_138KV_BK127 55557	40.71 1.49 0.00	38.69 1.34 0.00	37.14 1.12 0.00	36.92 1.08 0.00	37.54 1.13 0.00	41.97 1.42 0.00	55.81 2.25 0.00	63.88 2.87 0.00	56.87 2.60 0.00	43.37 2.18 0.00	40.89 1.95 0.00	39.09 1.79 0.00	36.65 1.68 0.00	36.61 1.64 0.00	35.33 1.62 0.00	36.11 1.69 0.00	39.53 1.99 0.00	46.26 2.45 0.00	57.05 2.77 0.00	66.13 2.85 0.00	62.56 2.64 0.00	50.53 2.04 0.00	44.75 1.80 0.00	41.90 1.30 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.71 1.49 0.00	38.69 1.34 0.00	37.14 1.12 0.00	36.92 1.08 0.00	37.54 1.13 0.00	41.97 1.42 0.00	55.81 2.25 0.00	63.88 2.87 0.00	56.87 2.60 0.00	43.37 2.18 0.00	40.89 1.95 0.00	39.09 1.79 0.00	36.65 1.68 0.00	36.61 1.64 0.00	35.33 1.62 0.00	36.11 1.69 0.00	39.53 1.99 0.00	46.26 2.45 0.00	57.05 2.77 0.00	66.13 2.85 0.00	62.56 2.64 0.00	50.53 2.04 0.00	44.75 1.80 0.00	41.90 1.30 0.00
WHITEHAL_115KV_TB1 80871	42.16 2.94 0.00	40.00 2.65 0.00	38.43 2.41 0.00	38.25 2.40 0.00	39.04 2.62 0.00	43.76 3.20 0.00	57.95 4.39 0.00	66.20 5.19 0.00	58.39 4.12 0.00	43.87 2.68 0.00	41.39 2.45 0.00	39.58 2.28 0.00	36.90 1.92 0.00	36.71 1.75 0.00	35.50 1.79 0.00	36.39 1.96 0.00	39.86 2.33 0.00	46.74 2.93 0.00	57.37 3.09 0.00	66.83 3.54 0.00	63.10 3.18 0.00	50.92 2.42 0.00	44.88 1.93 0.00	42.31 1.71 0.00
WHITEPLN_13_KV_LOAD 356215	41.30 2.08 0.00	39.21 1.87 0.00	37.64 1.62 0.00	37.39 1.54 0.00	38.02 1.60 0.00	42.54 1.99 0.00	56.61 3.05 0.00	64.98 3.97 0.00	57.84 3.58 0.00	44.11 2.92 0.00	41.59 2.65 0.00	39.80 2.50 0.00	37.28 2.31 0.00	37.17 2.20 0.00	35.94 2.23 0.00	36.70 2.27 0.00	40.20 2.67 0.00	47.13 3.33 0.00	58.08 3.80 0.00	67.34 4.05 0.00	63.64 3.72 0.00	51.40 2.91 0.00	45.39 2.45 0.00	42.47 1.87 0.00
WM_FLOYD_69_KV_BK2 356380	41.65 2.43 0.00	39.47 2.13 0.00	37.75 1.73 0.00	37.49 1.65 0.00	38.20 1.78 0.00	43.59 3.04 0.00	56.77 3.21 0.00	65.53 4.51 0.00	58.71 4.45 0.00	44.77 3.58 0.00	42.06 3.12 0.00	40.03 2.72 0.00	37.39 2.41 0.00	37.34 2.38 0.00	36.14 2.43 0.00	37.11 2.69 0.00	40.80 3.27 0.00	48.01 4.21 0.00	59.22 4.94 0.00	66.51 3.23 0.00	64.11 4.19 0.00	51.64 3.15 0.00	46.08 3.13 0.00	42.76 2.15 0.00
WOODARD___115KV_TB2 355635	38.91 -0.31 0.00	37.05 -0.30 0.00	35.77 -0.25 0.00	35.63 -0.22 0.00	36.16 -0.25 0.00	40.19 -0.36 0.00	53.13 -0.43 0.00	60.52 -0.49 0.00	53.88 -0.38 0.00	40.90 -0.29 0.00	38.75 -0.19 0.00	37.19 -0.11 0.00	34.80 -0.17 0.00	34.79 -0.17 0.00	33.51 -0.20 0.00	34.25 -0.17 0.00	37.24 -0.30 0.00	43.32 -0.48 0.00	53.73 -0.54 0.00	62.97 -0.32 0.00	59.44 -0.48 0.00	48.01 -0.48 0.00	42.47 -0.47 0.00	40.28 -0.32 0.00
YORK___WARBASSE 23770	54.96 2.51 -13.23	54.18 2.28 -14.56	53.52 1.98 -15.51	53.62 1.94 -15.84	54.21 2.00 -15.80	53.57 2.39 -10.63	57.85 3.53 -0.76	65.47 4.45 -0.01	60.92 4.02 -2.65	71.28 3.30 -26.79	72.21 2.96 -30.31	73.68 2.80 -33.58	75.27 2.62 -37.67	75.35 2.55 -37.83	67.28 2.53 -31.04	76.59 2.62 -39.55	72.55 3.00 -32.01	97.87 3.68 -50.39	97.81 4.18 -39.36	98.11 4.62 -30.21	98.11 4.31 -33.87	97.89 3.35 -46.05	97.87 2.92 -52.00	56.33 2.23 -13.49