

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		01/08/2024																										
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	34.05	33.43	33.13	32.08	33.86	34.31	47.07	52.12	51.71	49.84	45.39	45.75	43.43	43.43	43.45	46.28	50.55	61.60	60.73	53.43	49.62	46.33	42.78	38.64			
		1.87	1.71	1.67	1.58	1.73	1.66	2.62	3.86	3.65	3.65	2.85	2.83	2.54	2.61	2.46	3.23	3.44	5.09	4.60	3.73	3.42	3.23	2.50	1.98			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1	24260	34.12	33.49	33.19	32.14	33.89	34.37	47.07	52.08	51.76	49.75	45.43	45.80	43.47	43.35	43.49	46.28	50.55	61.60	60.73	53.48	49.71	46.24	42.86	38.68			
		1.93	1.78	1.73	1.65	1.77	1.73	2.62	3.81	3.70	3.56	2.89	2.88	2.58	2.53	2.50	3.23	3.44	5.09	4.60	3.78	3.51	3.15	2.58	2.02			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.12	33.49	33.19	32.14	33.89	34.37	47.07	52.08	51.76	49.75	45.43	45.80	43.47	43.35	43.49	46.28	50.55	61.60	60.73	53.48	49.71	46.24	42.86	38.68			
		1.93	1.78	1.73	1.65	1.77	1.73	2.62	3.81	3.70	3.56	2.89	2.88	2.58	2.53	2.50	3.23	3.44	5.09	4.60	3.78	3.51	3.15	2.58	2.02			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.57	33.08	32.94	31.92	33.31	33.95	46.71	50.72	50.84	48.78	44.58	44.77	42.33	42.16	42.22	44.73	49.47	59.90	59.21	52.43	48.74	45.29	41.73	38.02			
		1.38	1.36	1.48	1.43	1.19	1.31	2.27	2.46	2.79	2.59	2.04	1.85	1.43	1.35	1.23	1.68	2.36	3.39	3.09	2.73	2.54	2.20	1.45	1.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.64	33.14	33.00	32.01	33.37	34.01	46.84	50.92	51.04	48.96	44.79	44.94	42.45	42.33	42.34	44.86	49.70	60.18	59.49	52.63	48.97	45.47	41.81	37.95			
		1.45	1.43	1.54	1.52	1.25	1.37	2.40	2.65	2.98	2.77	2.25	2.02	1.55	1.51	1.35	1.81	2.59	3.67	3.37	2.93	2.77	2.37	1.53	1.28			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.57	33.08	32.94	31.92	33.31	33.95	46.71	50.72	50.84	48.78	44.58	44.77	42.33	42.16	42.22	44.73	49.47	59.90	59.21	52.43	48.74	45.29	41.73	38.02			
		1.38	1.36	1.48	1.43	1.19	1.31	2.27	2.46	2.79	2.59	2.04	1.85	1.43	1.35	1.23	1.68	2.36	3.39	3.09	2.73	2.54	2.20	1.45	1.36			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.99	33.43	33.19	32.14	33.86	34.37	47.02	51.45	51.28	49.24	45.05	45.37	43.10	42.98	43.12	45.63	50.08	60.69	60.00	52.88	49.25	45.90	42.53	38.61			
		1.80	1.71	1.73	1.65	1.73	1.73	2.58	3.18	3.22	3.05	2.51	2.45	2.21	2.16	2.13	2.58	2.97	4.18	3.87	3.18	3.05	2.80	2.25	1.94			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.93	32.41	32.19	31.25	32.80	33.33	45.60	49.76	49.59	47.62	43.26	43.52	41.39	41.31	41.44	43.69	48.05	57.98	57.36	50.69	47.17	43.96	40.88	37.14			
		0.74	0.70	0.72	0.76	0.67	0.69	1.16	1.50	1.54	1.43	0.72	0.60	0.49	0.49	0.45	0.65	0.94	1.47	1.23	0.99	0.97	0.86	0.60	0.48			
		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			
AKWESSNE_115KV_BK	355683	32.19	31.78	31.49	30.52	32.15	32.74	44.40	47.78	47.62	45.68	42.33	42.75	40.85	40.78	41.03	42.75	46.54	55.21	55.28	49.25	45.78	42.75	40.44	36.81			
		0.00	0.06	0.03	0.03	0.03	0.10	-0.04	-0.48	-0.43	-0.51	-0.21	-0.17	-0.04	-0.04	0.04	-0.30	-0.57	-1.30	-0.84	-0.45	-0.42	-0.34	0.16	0.15			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.44	32.95	32.72	31.74	33.31	33.85	46.09	50.19	50.07	48.04	43.94	44.25	42.08	41.96	42.06	44.43	48.90	58.99	58.43	51.64	48.05	44.78	41.57	37.80			
		1.25	1.24	1.26	1.25	1.19	1.21	1.65	1.93	2.02	1.85	1.40	1.33	1.19	1.14	1.06	1.38	1.79	2.48	2.30	1.94	1.85	1.68	1.29	1.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.44	32.95	32.72	31.74	33.31	33.85	46.09	50.19	50.07	48.04	43.94	44.25	42.08	41.96	42.06	44.43	48.90	58.99	58.37	51.64	48.05	44.78	41.57	37.80			
		1.25	1.24	1.26	1.25	1.19	1.21	1.65	1.93	2.02	1.85	1.40	1.33	1.19	1.14	1.06	1.38	1.79	2.48	2.25	1.94	1.85	1.68	1.29	1.14			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.93	32.41	32.19	31.25	32.80	33.33	45.60	49.76	49.59	47.62	43.26	43.52	41.39	41.31	41.44	43.69	48.05	57.98	57.36	50.69	47.17	43.96	40.88	37.14			
		0.74	0.70	0.72	0.76	0.67	0.69	1.16	1.50	1.54	1.43	0.72	0.60	0.49	0.49	0.45	0.65	0.94	1.47	1.23	0.99	0.97	0.86	0.60	0.48			
		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			

ALBANY___2 23572	32.93 0.74 0.00	32.41 0.70 0.00	32.19 0.72 0.00	31.25 0.76 0.00	32.80 0.67 0.00	33.33 0.69 0.00	45.60 1.16 0.00	49.76 1.50 0.00	49.59 1.54 0.00	47.62 1.43 0.00	43.26 0.72 0.00	43.52 0.60 0.00	41.39 0.49 0.00	41.31 0.49 0.00	41.44 0.45 0.00	43.69 0.65 0.00	48.05 0.94 0.00	57.98 1.47 0.00	57.36 1.23 0.00	50.69 0.99 0.00	47.17 0.97 0.00	43.96 0.86 0.00	40.88 0.60 0.00	37.14 0.48 0.00
ALBANY___3 23573	32.93 0.74 0.00	32.41 0.70 0.00	32.19 0.72 0.00	31.25 0.76 0.00	32.80 0.67 0.00	33.33 0.69 0.00	45.60 1.16 0.00	49.76 1.50 0.00	49.59 1.54 0.00	47.62 1.43 0.00	43.26 0.72 0.00	43.52 0.60 0.00	41.39 0.49 0.00	41.31 0.49 0.00	41.44 0.45 0.00	43.69 0.65 0.00	48.05 0.94 0.00	57.98 1.47 0.00	57.36 1.23 0.00	50.69 0.99 0.00	47.17 0.97 0.00	43.96 0.86 0.00	40.88 0.60 0.00	37.14 0.48 0.00
ALBANY___4 23574	32.93 0.74 0.00	32.41 0.70 0.00	32.19 0.72 0.00	31.25 0.76 0.00	32.80 0.67 0.00	33.33 0.69 0.00	45.60 1.16 0.00	49.76 1.50 0.00	49.59 1.54 0.00	47.62 1.43 0.00	43.26 0.72 0.00	43.52 0.60 0.00	41.39 0.49 0.00	41.31 0.49 0.00	41.44 0.45 0.00	43.69 0.65 0.00	48.05 0.94 0.00	57.98 1.47 0.00	57.36 1.23 0.00	50.69 0.99 0.00	47.17 0.97 0.00	43.96 0.86 0.00	40.88 0.60 0.00	37.14 0.48 0.00
ALBANY___LFGE 323615	33.19 1.00 0.00	32.67 0.95 0.00	32.44 0.98 0.00	31.50 1.00 0.00	33.05 0.93 0.00	33.59 0.95 0.00	45.65 1.20 0.00	49.81 1.54 0.00	49.69 1.63 0.00	47.71 1.52 0.00	43.69 1.15 0.00	43.99 1.07 0.00	41.84 0.94 0.00	41.71 0.90 0.00	41.81 0.82 0.00	44.17 1.12 0.00	48.57 1.46 0.00	58.66 2.15 0.00	57.98 1.85 0.00	51.24 1.54 0.00	47.67 1.48 0.00	44.48 1.38 0.00	41.25 0.97 0.00	37.47 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	32.38 0.19 0.00	31.97 0.25 0.00	31.68 0.22 0.00	30.70 0.21 0.00	32.35 0.22 0.00	32.94 0.29 0.00	44.58 0.13 0.00	47.97 -0.29 0.00	47.82 -0.24 0.00	45.82 -0.37 0.00	42.50 -0.04 0.00	42.88 -0.04 0.00	40.98 0.08 0.00	40.94 0.12 0.00	41.16 0.16 0.00	42.92 -0.13 0.00	46.73 -0.38 0.00	55.44 -1.07 0.00	55.51 -0.62 0.00	49.45 -0.25 0.00	45.97 -0.23 0.00	42.92 -0.17 0.00	40.60 0.32 0.00	36.96 0.29 0.00
ALCOA_RYNLDS___DRP 24188	32.38 0.19 0.00	31.97 0.25 0.00	31.68 0.22 0.00	30.70 0.21 0.00	32.35 0.22 0.00	32.94 0.29 0.00	44.58 0.13 0.00	47.97 -0.29 0.00	47.82 -0.24 0.00	45.82 -0.37 0.00	42.50 -0.04 0.00	42.88 -0.04 0.00	40.98 0.08 0.00	40.94 0.12 0.00	41.16 0.16 0.00	42.92 -0.13 0.00	46.73 -0.38 0.00	55.44 -1.07 0.00	55.51 -0.62 0.00	49.45 -0.25 0.00	45.97 -0.23 0.00	42.92 -0.17 0.00	40.60 0.32 0.00	36.96 0.29 0.00
ALCOA___DSASP 323711	32.38 0.19 0.00	31.97 0.25 0.00	31.68 0.22 0.00	30.71 0.21 0.00	32.35 0.23 0.00	32.94 0.29 0.00	44.62 0.18 0.00	47.97 -0.29 0.00	47.77 -0.29 0.00	45.82 -0.37 0.00	42.54 0.00 0.00	42.88 -0.04 0.00	40.98 0.08 0.00	40.94 0.12 0.00	41.16 0.16 0.00	42.88 -0.17 0.00	46.73 -0.38 0.00	55.43 -1.08 0.00	55.51 -0.62 0.00	49.45 -0.25 0.00	45.97 -0.23 0.00	42.92 -0.17 0.00	40.60 0.32 0.00	36.96 0.29 0.00
ALLEGHENY___COGEN 23514	32.41 0.23 0.00	32.13 0.41 0.00	31.68 0.22 0.00	30.71 0.21 0.00	32.44 0.32 0.00	33.13 0.49 0.00	43.43 -1.02 0.00	47.63 -0.63 0.00	47.38 -0.67 0.00	45.31 -0.88 0.00	41.73 -0.81 0.00	42.19 -0.73 0.00	40.03 -0.86 0.00	39.88 -0.94 0.00	40.54 -0.45 0.00	42.84 -0.21 0.00	47.48 0.38 0.00	57.47 0.96 0.00	56.35 0.23 0.00	49.75 0.05 0.00	45.97 -0.23 0.00	42.53 -0.56 0.00	40.64 0.36 0.00	37.43 0.77 0.00
ALTAMONT_115KV_TB 2 55880	33.09 0.90 0.00	32.57 0.86 0.00	32.34 0.88 0.00	31.37 0.88 0.00	32.99 0.87 0.00	33.49 0.85 0.00	45.78 1.33 0.00	50.00 1.74 0.00	49.79 1.73 0.00	47.86 1.66 0.00	43.73 1.19 0.00	44.04 1.12 0.00	41.84 0.94 0.00	41.76 0.94 0.00	41.89 0.90 0.00	44.25 1.21 0.00	48.62 1.51 0.00	58.66 2.15 0.00	58.03 1.91 0.00	51.29 1.59 0.00	47.72 1.52 0.00	44.48 1.38 0.00	41.33 1.05 0.00	37.54 0.88 0.00
ALTONA_WT_PWR 323606	32.96 0.77 0.00	32.60 0.89 0.00	32.19 0.72 0.00	31.04 0.55 0.00	32.70 0.58 0.00	33.33 0.69 0.00	45.47 1.02 0.00	48.84 0.58 0.00	48.68 0.62 0.00	46.61 0.41 0.00	43.22 0.68 0.00	43.39 0.47 0.00	41.43 0.53 0.00	41.43 0.61 0.00	41.81 0.82 0.00	43.65 0.60 0.00	47.82 0.71 0.00	56.23 -0.28 0.00	56.18 0.06 0.00	50.79 1.09 0.00	47.26 1.06 0.00	44.17 1.08 0.00	41.77 1.49 0.00	38.46 1.80 0.00
AMERICAN_REF_FUEL 24010	29.77 -2.41 0.00	29.50 -2.22 0.00	29.01 -2.45 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.40 -4.04 0.00	43.58 -4.68 0.00	43.73 -4.32 0.00	42.31 -3.88 0.00	39.18 -3.36 0.00	39.75 -3.18 0.00	37.95 -2.94 0.00	37.80 -3.02 0.00	38.16 -2.83 0.00	39.86 -3.19 0.00	43.62 -3.49 0.00	52.44 -4.07 0.00	51.19 -4.94 0.00	45.08 -4.62 0.00	41.81 -4.39 0.00	38.83 -4.27 0.00	36.21 -4.07 0.00	33.91 -2.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.54 -0.64 0.00	31.21 -0.51 0.00	30.71 -0.76 0.00	29.85 -0.64 0.00	31.51 -0.61 0.00	32.06 -0.59 0.00	43.34 -1.11 0.00	47.15 -1.11 0.00	47.28 -0.77 0.00	45.69 -0.51 0.00	42.29 -0.25 0.00	42.84 -0.09 0.00	40.89 0.00 0.00	40.74 -0.08 0.00	41.07 0.08 0.00	42.88 -0.17 0.00	47.11 0.00 0.00	56.91 0.40 0.00	55.45 -0.67 0.00	48.86 -0.85 0.00	45.27 -0.92 0.00	41.98 -1.12 0.00	38.91 -1.37 0.00	36.26 -0.40 0.00
ARTHUR KILL_GT_1 23520	34.19 2.00 -0.01	33.52 1.81 0.00	33.19 1.73 0.00	32.08 1.58 0.00	33.89 1.77 0.00	34.24 1.60 0.00	46.93 2.49 0.00	51.98 3.72 0.00	51.52 3.46 0.00	49.61 3.42 0.00	45.14 2.60 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.18 2.37 0.00	43.20 2.21 0.00	95.63 3.10 -49.48	50.45 3.35 0.00	99.98 4.86 -38.61	106.50 4.38 -45.99	95.97 3.63 -42.64	49.48 3.28 0.00	46.33 3.23 0.00	42.84 2.54 -0.02	38.68 2.02 0.00
ARTHUR_KILL_2 23512	34.09 1.90 -0.01	33.43 1.71 0.00	33.10 1.63 0.00	31.98 1.49 0.00	33.79 1.67 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.83 3.57 0.00	51.37 3.31 0.00	49.47 3.28 0.00	45.01 2.47 0.00	45.37 2.45 0.00	43.06 2.17 0.00	43.06 2.24 0.00	43.08 2.09 0.00	95.50 2.97 -49.48	50.31 3.21 0.00	99.75 4.63 -38.61	106.33 4.21 -45.99	95.82 3.48 -42.64	49.29 3.10 0.00	46.20 3.10 0.00	42.72 2.42 -0.02	38.57 1.91 0.00
ARTHUR_KILL_3 23513	33.76 1.58 0.00	33.18 1.46 0.00	32.88 1.42 0.00	31.83 1.34 0.00	33.57 1.45 0.00	34.01 1.37 0.00	46.67 2.22 0.00	51.59 3.33 0.00	51.18 3.12 0.00	49.34 3.14 0.00	44.92 2.38 0.00	45.33 2.40 0.00	43.02 2.13 0.00	42.98 2.16 0.00	43.04 2.05 0.00	95.29 2.76 -49.49	50.03 2.92 0.00	99.65 4.52 -38.62	106.11 3.99 -46.00	95.54 3.18 -42.65	49.20 3.00 0.00	45.94 2.84 0.00	42.43 2.13 -0.01	38.35 1.69 0.00

ARTHUR_KILL_COGEN 323718	34.19 2.00 -0.01	33.52 1.81 0.00	33.19 1.73 0.00	32.08 1.58 0.00	33.89 1.77 0.00	34.24 1.60 0.00	46.93 2.49 0.00	51.98 3.72 0.00	51.52 3.46 0.00	49.61 3.42 0.00	45.14 2.60 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.18 2.37 0.00	43.20 2.21 0.00	95.63 3.10 -49.48	50.45 3.35 0.00	99.98 4.86 -38.61	106.50 4.38 -45.99	95.97 3.63 -42.64	49.48 3.28 0.00	46.33 3.23 0.00	42.84 2.54 -0.02	38.68 2.02 0.00
ASHOKAN____ 23654	33.96 1.77 0.00	33.36 1.65 0.00	33.19 1.73 0.00	32.17 1.68 0.00	33.89 1.77 0.00	34.41 1.76 0.00	47.16 2.71 0.00	50.92 2.65 0.00	50.70 2.64 0.00	48.32 2.13 0.00	43.60 1.06 0.00	43.73 0.81 0.00	41.47 0.57 0.00	41.39 0.57 0.00	41.65 0.65 0.00	44.25 1.20 0.00	49.23 2.12 0.00	59.73 3.22 0.00	59.49 3.37 0.00	52.18 2.48 0.00	48.41 2.22 0.00	44.82 1.73 0.00	41.85 1.57 0.00	37.95 1.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.26 2.06 -0.01	33.56 1.84 0.00	33.22 1.76 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.28 1.63 0.00	46.84 2.40 0.00	51.74 3.48 0.00	51.27 3.22 0.01	49.42 3.23 0.01	45.04 2.51 0.01	45.40 2.49 0.01	43.09 2.21 0.01	43.09 2.28 0.01	43.11 2.13 0.01	46.02 2.97 0.00	50.16 3.06 0.01	61.26 4.75 0.00	60.39 4.26 0.00	53.13 3.43 0.00	49.24 3.05 0.01	46.24 3.14 0.00	42.82 2.54 0.00	38.75 2.09 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.26 2.06 -0.01	33.56 1.84 0.00	33.22 1.76 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.28 1.63 0.00	46.84 2.40 0.00	51.74 3.48 0.00	51.27 3.22 0.01	49.42 3.23 0.01	45.04 2.51 0.01	45.40 2.49 0.01	43.09 2.21 0.01	43.09 2.28 0.01	43.11 2.13 0.01	46.02 2.97 0.00	50.16 3.06 0.01	61.26 4.75 0.00	60.39 4.26 0.00	53.13 3.43 0.00	49.24 3.05 0.01	46.24 3.14 0.00	42.82 2.54 0.00	38.75 2.09 0.00
ASTORIA_GT2_1 24094	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT2_2 24095	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT2_3 24096	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT2_4 24097	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT3_1 24098	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT3_2 24099	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT3_3 24100	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT3_4 24101	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT4_1 24102	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT4_2 24103	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT4_3 24104	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00

ASTORIA_GT4_4 24105	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.67 2.22 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.18 2.29 0.00	42.98 2.16 0.00	43.12 2.13 0.00	46.02 2.97 0.00	50.17 3.06 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.11 3.02 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA_GT_1 23523	34.32 2.12 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.34 1.70 0.00	46.93 2.49 0.00	51.88 3.62 0.00	51.41 3.36 0.01	49.51 3.33 0.01	45.13 2.60 0.01	45.53 2.62 0.01	43.22 2.33 0.01	43.18 2.37 0.01	43.24 2.25 0.01	46.11 3.06 0.00	50.31 3.21 0.01	61.42 4.91 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.37 3.19 0.01	46.33 3.23 0.00	42.94 2.66 0.00	38.83 2.16 0.00
ASTORIA_GT_10 24110	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.11 3.06 0.00	50.31 3.20 0.00	61.37 4.86 0.00	60.50 4.38 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.11 3.02 0.00	42.82 2.54 0.00	38.64 1.98 0.00
ASTORIA_GT_11 24225	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.11 3.06 0.00	50.31 3.20 0.00	61.37 4.86 0.00	60.50 4.38 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.11 3.02 0.00	42.82 2.54 0.00	38.64 1.98 0.00
ASTORIA_GT_12 24226	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.11 3.06 0.00	50.31 3.20 0.00	61.37 4.86 0.00	60.50 4.38 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.11 3.02 0.00	42.82 2.54 0.00	38.64 1.98 0.00
ASTORIA_GT_13 24227	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.11 3.06 0.00	50.31 3.20 0.00	61.37 4.86 0.00	60.50 4.38 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.11 3.02 0.00	42.82 2.54 0.00	38.64 1.98 0.00
ASTORIA_GT_5 24106	34.32 2.12 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.37 1.73 0.00	46.76 2.31 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.11 3.06 0.00	50.27 3.16 0.00	61.37 4.86 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.38 3.19 0.00	46.20 3.10 0.00	42.94 2.66 0.00	38.79 2.13 0.00
ASTORIA_GT_7 24107	34.32 2.12 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.37 1.73 0.00	46.76 2.31 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.11 3.06 0.00	50.27 3.16 0.00	61.37 4.86 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.38 3.19 0.00	46.20 3.10 0.00	42.94 2.66 0.00	38.79 2.13 0.00
ASTORIA_GT_8 24108	34.32 2.12 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.37 1.73 0.00	46.76 2.31 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.11 3.06 0.00	50.27 3.16 0.00	61.37 4.86 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.38 3.19 0.00	46.20 3.10 0.00	42.94 2.66 0.00	38.79 2.13 0.00
ASTORIA___2 24149	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.84 2.40 0.00	51.78 3.52 0.00	51.32 3.27 0.01	49.42 3.23 0.01	45.04 2.51 0.01	45.44 2.53 0.01	43.13 2.25 0.01	43.09 2.28 0.01	43.15 2.17 0.01	46.02 2.97 0.00	50.21 3.11 0.01	61.31 4.80 0.00	60.45 4.32 0.00	53.13 3.43 0.00	49.28 3.10 0.01	46.24 3.14 0.00	42.86 2.58 0.00	38.75 2.09 0.00
ASTORIA___3 23516	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.61 0.00	33.89 1.77 0.00	34.28 1.63 0.00	46.93 2.49 0.00	51.93 3.67 0.00	51.52 3.46 0.00	49.66 3.47 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.27 2.37 0.00	43.27 2.45 0.00	43.29 2.29 0.00	46.11 3.06 0.00	50.36 3.25 0.00	61.42 4.91 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.43 3.23 0.00	46.24 3.14 0.00	42.78 2.50 0.00	38.68 2.02 0.00
ASTORIA___4 23517	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.11 3.06 0.00	50.31 3.20 0.00	61.37 4.86 0.00	60.50 4.38 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.11 3.02 0.00	42.82 2.54 0.00	38.64 1.98 0.00
ASTORIA___5 23518	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.61 0.00	33.89 1.77 0.00	34.28 1.63 0.00	46.93 2.49 0.00	51.93 3.67 0.00	51.52 3.46 0.00	49.66 3.47 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.27 2.37 0.00	43.27 2.45 0.00	43.29 2.29 0.00	46.11 3.06 0.00	50.36 3.25 0.00	61.42 4.91 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.43 3.23 0.00	46.24 3.14 0.00	42.78 2.50 0.00	38.68 2.02 0.00
AST_ENERGY_2_CC3 323677	33.92 1.74 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.74 3.48 0.00	51.32 3.27 0.00	49.47 3.28 0.00	45.05 2.51 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.10 2.28 0.00	43.16 2.17 0.00	45.93 2.88 0.00	50.17 3.06 0.00	61.14 4.63 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.29 3.10 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.50 1.83 0.00
AST_ENERGY_2_CC4 323678	33.92 1.74 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.74 3.48 0.00	51.32 3.27 0.00	49.47 3.28 0.00	45.05 2.51 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.10 2.28 0.00	43.16 2.17 0.00	45.93 2.88 0.00	50.17 3.06 0.00	61.14 4.63 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.29 3.10 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.50 1.83 0.00

ATHENS_STG_1 23668	33.28 1.09 0.00	32.76 1.05 0.00	32.53 1.07 0.00	31.53 1.04 0.00	33.21 1.09 0.00	33.66 1.01 0.00	45.96 1.51 0.00	50.38 2.12 0.00	50.12 2.06 0.00	48.18 1.98 0.00	44.07 1.53 0.00	44.38 1.46 0.00	42.20 1.31 0.00	42.12 1.31 0.00	42.26 1.27 0.00	44.73 1.68 0.00	49.04 1.93 0.00	59.33 2.82 0.00	58.65 2.53 0.00	51.79 2.09 0.00	48.14 1.94 0.00	44.91 1.81 0.00	41.61 1.33 0.00	37.76 1.10 0.00
ATHENS_STG_2 23670	33.28 1.09 0.00	32.76 1.05 0.00	32.53 1.07 0.00	31.53 1.04 0.00	33.21 1.09 0.00	33.66 1.01 0.00	45.96 1.51 0.00	50.38 2.12 0.00	50.12 2.06 0.00	48.18 1.98 0.00	44.07 1.53 0.00	44.38 1.46 0.00	42.20 1.31 0.00	42.12 1.31 0.00	42.26 1.27 0.00	44.73 1.68 0.00	49.04 1.93 0.00	59.33 2.82 0.00	58.65 2.53 0.00	51.79 2.09 0.00	48.14 1.94 0.00	44.91 1.81 0.00	41.61 1.33 0.00	37.76 1.10 0.00
ATHENS_STG_3 23677	33.28 1.09 0.00	32.76 1.05 0.00	32.53 1.07 0.00	31.53 1.04 0.00	33.21 1.09 0.00	33.66 1.01 0.00	45.96 1.51 0.00	50.38 2.12 0.00	50.12 2.06 0.00	48.18 1.98 0.00	44.07 1.53 0.00	44.38 1.46 0.00	42.20 1.31 0.00	42.12 1.31 0.00	42.26 1.27 0.00	44.73 1.68 0.00	49.04 1.93 0.00	59.33 2.82 0.00	58.65 2.53 0.00	51.79 2.09 0.00	48.14 1.94 0.00	44.91 1.81 0.00	41.61 1.33 0.00	37.76 1.10 0.00
AUBURN___LFGE 323710	31.87 -0.32 0.00	31.43 -0.29 0.00	31.15 -0.31 0.00	30.22 -0.27 0.00	31.86 -0.26 0.00	32.48 -0.16 0.00	44.31 -0.13 0.00	48.41 0.14 0.00	48.15 0.10 0.00	46.38 0.18 0.00	42.75 0.21 0.00	43.09 0.17 0.00	40.98 0.08 0.00	40.90 0.08 0.00	41.07 0.08 0.00	43.26 0.22 0.00	47.58 0.47 0.00	57.47 0.96 0.00	56.74 0.62 0.00	50.10 0.40 0.00	46.47 0.28 0.00	43.27 0.17 0.00	40.00 -0.28 0.00	36.55 -0.11 0.00
BABYLON_RES_REC 323704	46.62 2.54 -11.89	40.54 2.38 -6.45	38.06 2.33 -4.27	37.50 2.22 -4.78	38.47 2.38 -3.97	43.33 2.35 -8.34	53.16 3.60 -5.12	55.22 4.78 -2.18	54.72 4.66 -2.00	52.74 4.43 -2.11	54.07 3.57 -7.95	51.57 3.52 -5.13	48.24 3.19 -4.15	46.90 3.22 -2.86	50.02 3.20 -5.83	54.64 4.00 -7.59	57.14 4.43 -5.60	75.31 6.33 -12.47	66.46 5.84 -4.50	60.95 4.77 -6.48	57.14 4.44 -6.51	55.11 4.10 -7.91	52.26 3.26 -8.71	47.97 2.75 -8.55
BABYLON___69_KV_BK2 356345	47.03 2.96 -11.88	40.94 2.79 -6.44	38.46 2.74 -4.26	37.89 2.62 -4.77	38.88 2.79 -3.96	43.78 2.81 -8.33	53.78 4.22 -5.11	55.84 5.41 -2.17	55.34 5.29 -1.99	53.29 4.99 -2.11	54.66 4.17 -7.95	52.07 4.03 -5.12	48.76 3.72 -4.15	47.34 3.67 -2.85	50.55 3.73 -5.82	55.19 4.56 -7.58	57.89 5.18 -5.59	76.26 7.29 -12.46	67.36 5.62 -4.50	61.79 6.74 -6.47	57.87 5.17 -6.50	55.66 4.65 -7.91	52.77 3.79 -8.71	48.43 3.23 -8.54
BALL_HILL_WT_PWR 323825	31.13 -1.06 0.00	30.80 -0.92 0.00	30.30 -1.16 0.00	29.39 -1.10 0.00	31.06 -1.06 0.00	31.53 -1.11 0.00	42.45 -2.00 0.00	45.95 -2.32 0.00	46.04 -2.02 0.00	44.48 -1.71 0.00	41.14 -1.40 0.00	41.67 -1.25 0.00	39.79 -1.10 0.00	39.63 -1.18 0.00	39.97 -1.02 0.00	41.80 -1.25 0.00	45.88 -1.23 0.00	55.32 -1.19 0.00	53.99 -2.13 0.00	47.56 -2.14 0.00	44.12 -2.08 0.00	40.99 -2.11 0.00	38.10 -2.18 0.00	35.56 -1.10 0.00
BARON_WINDS___WT_PWR 323822	31.57 -0.61 0.00	31.24 -0.47 0.00	30.83 -0.63 0.00	29.91 -0.58 0.00	31.58 -0.55 0.00	32.12 -0.52 0.00	43.47 -0.98 0.00	47.30 -0.96 0.00	47.19 -0.86 0.00	45.50 -0.69 0.00	41.94 -0.60 0.00	42.45 -0.47 0.00	40.45 -0.45 0.00	40.33 -0.49 0.00	40.66 -0.33 0.00	42.84 -0.21 0.00	47.16 0.05 0.00	56.96 0.45 0.00	55.85 -0.28 0.00	49.20 -0.50 0.00	45.64 -0.55 0.00	42.45 -0.65 0.00	39.36 -0.92 0.00	36.41 -0.25 0.00
BARRETT_IC_1 23704	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_10 23701	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_11 23702	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_12 23703	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_2 23705	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_3 23706	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_4 23707	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55

BARRETT_IC_5 23708	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_6 23709	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_7 23710	46.22 2.16 -11.88	40.25 2.09 -6.44	37.80 2.08 -4.26	37.25 1.98 -4.77	38.17 2.09 -3.96	43.00 2.02 -8.33	52.35 2.80 -5.11	54.30 3.86 -2.17	53.80 3.75 -1.99	51.86 3.56 -2.11	53.38 2.89 -7.95	50.96 2.92 -5.12	47.78 2.74 -4.15	46.36 2.69 -2.85	49.40 2.58 -5.82	53.81 3.19 -7.58	56.24 3.53 -5.59	74.11 5.14 -12.46	65.28 4.66 -4.49	60.05 3.88 -6.47	56.30 3.60 -6.50	54.23 3.23 -7.91	51.65 2.66 -8.71	47.48 2.27 -8.54
BARRETT_IC_8 23711	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT_IC_9 23700	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT___1 23545	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BARRETT___2 23546	46.23 2.16 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.01 2.02 -8.34	52.27 2.71 -5.12	54.26 3.81 -2.18	53.76 3.70 -2.00	51.86 3.56 -2.11	53.34 2.85 -7.95	50.97 2.92 -5.13	47.79 2.74 -4.15	46.45 2.78 -2.86	49.45 2.63 -5.83	53.82 3.19 -7.59	56.25 3.53 -5.60	74.18 5.20 -12.47	65.34 4.72 -4.50	60.06 3.88 -6.48	56.31 3.61 -6.51	54.33 3.32 -7.91	51.65 2.66 -8.71	47.53 2.31 -8.55
BATAVIA__115KV_TB1 55881	30.96 -1.22 0.00	30.70 -1.01 0.00	30.23 -1.23 0.00	29.33 -1.16 0.00	30.97 -1.16 0.00	31.47 -1.18 0.00	42.22 -2.22 0.00	45.75 -2.51 0.00	45.75 -2.31 0.00	44.53 -1.66 0.00	41.35 -1.19 0.00	41.81 -1.12 0.00	39.79 -1.10 0.00	39.92 -0.90 0.00	40.13 -0.86 0.00	41.97 -1.08 0.00	46.26 -0.85 0.00	55.83 -0.68 0.00	54.55 -1.57 0.00	47.91 -1.79 0.00	44.35 -1.85 0.00	41.46 -1.64 0.00	38.19 -2.09 0.00	35.45 -1.21 0.00
BAYONEEC___CTG1 323682	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG10 323750	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG2 323683	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG3 323684	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG4 323685	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG5 323686	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG6 323687	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00

BAYONEEC___CTG7 323688	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG8 323689	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BAYONEEC___CTG9 323749	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.80 2.35 0.00	51.78 3.52 0.00	51.37 3.31 0.00	49.52 3.33 0.00	45.09 2.55 0.00	45.45 2.53 0.00	43.14 2.25 0.00	43.14 2.33 0.00	43.20 2.21 0.00	45.98 2.93 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.57 2.29 0.00	38.46 1.80 0.00
BEACON___LESR 323632	33.48 1.29 0.00	32.95 1.24 0.00	32.72 1.26 0.00	31.77 1.28 0.00	33.31 1.19 0.00	33.92 1.27 0.00	46.09 1.65 0.00	50.34 2.07 0.00	50.27 2.21 0.00	48.22 2.03 0.00	44.11 1.57 0.00	44.42 1.50 0.00	42.16 1.27 0.00	42.08 1.27 0.00	42.18 1.19 0.00	44.56 1.51 0.00	49.09 1.98 0.00	59.28 2.77 0.00	58.65 2.53 0.00	51.84 2.14 0.00	48.23 2.03 0.00	44.99 1.89 0.00	41.65 1.37 0.00	37.80 1.14 0.00
BEAVER RIVER___HYD 24048	32.03 -0.16 0.00	31.53 -0.19 0.00	31.27 -0.19 0.00	30.34 -0.15 0.00	32.06 -0.06 0.00	32.77 0.13 0.00	44.76 0.31 0.00	48.70 0.43 0.00	48.39 0.34 0.00	46.38 0.19 0.00	42.67 0.13 0.00	42.92 0.00 0.00	40.81 -0.08 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	43.14 0.09 0.00	47.44 0.33 0.00	57.30 0.79 0.00	56.97 0.84 0.00	50.40 0.70 0.00	46.75 0.56 0.00	43.53 0.43 0.00	40.48 0.20 0.00	36.74 0.07 0.00
BEEBEE_GT_13 23619	31.00 -1.19 0.00	30.67 -1.05 0.00	30.30 -1.16 0.00	29.36 -1.13 0.00	30.97 -1.16 0.00	31.47 -1.18 0.00	42.40 -2.04 0.00	46.14 -2.12 0.00	46.04 -2.02 0.00	44.67 -1.52 0.00	41.39 -1.15 0.00	41.85 -1.07 0.00	39.83 -1.06 0.00	39.88 -0.94 0.00	40.09 -0.90 0.00	41.93 -1.12 0.00	46.12 -0.99 0.00	55.61 -0.90 0.00	54.55 -1.57 0.00	48.01 -1.69 0.00	44.49 -1.71 0.00	41.54 -1.55 0.00	38.43 -1.85 0.00	35.42 -1.25 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.42 2.22 -0.01	33.71 2.00 0.00	33.38 1.92 0.00	32.29 1.80 0.00	34.11 1.99 0.00	34.50 1.86 0.00	47.25 2.80 0.00	52.36 4.10 0.00	52.00 3.94 0.00	49.98 3.79 0.00	45.65 3.11 0.00	46.01 3.09 0.00	43.68 2.78 0.00	43.51 2.69 0.00	43.66 2.66 0.00	96.06 3.53 -49.48	50.83 3.72 0.00	100.66 5.54 -38.61	107.17 5.05 -45.99	96.47 4.13 -42.64	49.99 3.79 0.00	46.59 3.49 0.00	43.20 2.90 -0.02	38.94 2.27 0.00
BETHLEHEM___GRP 23843	32.93 0.74 0.00	32.41 0.70 0.00	32.19 0.72 0.00	31.25 0.76 0.00	32.80 0.67 0.00	33.33 0.69 0.00	45.60 1.16 0.00	49.76 1.50 0.00	49.59 1.54 0.00	47.62 1.43 0.00	43.26 0.72 0.00	43.52 0.60 0.00	41.39 0.49 0.00	41.31 0.49 0.00	41.44 0.45 0.00	43.69 0.65 0.00	48.05 0.94 0.00	57.98 1.47 0.00	57.36 1.23 0.00	50.69 0.99 0.00	47.17 0.97 0.00	43.96 0.86 0.00	40.88 0.60 0.00	37.14 0.48 0.00
BETHLEHEM___GS1 323560	32.93 0.74 0.00	32.41 0.70 0.00	32.19 0.72 0.00	31.25 0.76 0.00	32.80 0.68 0.00	33.33 0.69 0.00	45.20 0.75 0.00	49.28 1.02 0.00	49.16 1.11 0.00	47.16 0.97 0.00	43.18 0.64 0.00	43.52 0.60 0.00	41.43 0.53 0.00	41.31 0.49 0.00	41.40 0.41 0.00	43.74 0.69 0.00	48.05 0.94 0.00	57.98 1.47 0.00	57.36 1.23 0.00	50.69 0.99 0.00	47.17 0.97 0.00	44.00 0.91 0.00	40.84 0.56 0.00	37.10 0.44 0.00
BETHLEHEM___GS2 323561	32.93 0.74 0.00	32.41 0.70 0.00	32.19 0.72 0.00	31.25 0.76 0.00	32.80 0.68 0.00	33.33 0.69 0.00	45.20 0.75 0.00	49.28 1.02 0.00	49.16 1.11 0.00	47.16 0.97 0.00	43.18 0.64 0.00	43.52 0.60 0.00	41.43 0.53 0.00	41.31 0.49 0.00	41.40 0.41 0.00	43.74 0.69 0.00	48.05 0.94 0.00	57.98 1.47 0.00	57.36 1.23 0.00	50.69 0.99 0.00	47.17 0.97 0.00	44.00 0.91 0.00	40.84 0.56 0.00	37.10 0.44 0.00
BETHLEHEM___GS3 323562	32.93 0.74 0.00	32.41 0.70 0.00	32.19 0.72 0.00	31.25 0.76 0.00	32.80 0.68 0.00	33.33 0.69 0.00	45.20 0.75 0.00	49.28 1.02 0.00	49.16 1.11 0.00	47.16 0.97 0.00	43.18 0.64 0.00	43.52 0.60 0.00	41.43 0.53 0.00	41.31 0.49 0.00	41.40 0.41 0.00	43.74 0.69 0.00	48.05 0.94 0.00	57.98 1.47 0.00	57.36 1.23 0.00	50.69 0.99 0.00	47.17 0.97 0.00	44.00 0.91 0.00	40.84 0.56 0.00	37.10 0.44 0.00
BETHLEHEM___STEEL 23779	31.00 -1.19 0.00	30.67 -1.05 0.00	30.17 -1.29 0.00	29.27 -1.22 0.00	30.90 -1.22 0.00	31.34 -1.31 0.00	41.96 -2.49 0.00	45.17 -3.09 0.00	45.08 -2.98 0.00	43.98 -2.22 0.00	40.97 -1.57 0.00	41.46 -1.46 0.00	39.63 -1.27 0.00	39.71 -1.10 0.00	39.84 -1.15 0.00	41.54 -1.51 0.00	45.70 -1.41 0.00	55.15 -1.36 0.00	53.71 -2.41 0.00	47.31 -2.39 0.00	43.89 -2.31 0.00	41.16 -1.94 0.00	37.90 -2.38 0.00	35.34 -1.32 0.00
BETHLHEM_115KV_TB1 79974	32.96 0.77 0.00	32.45 0.73 0.00	32.22 0.76 0.00	31.28 0.79 0.00	32.83 0.71 0.00	33.36 0.72 0.00	45.65 1.20 0.00	49.81 1.54 0.00	49.64 1.59 0.00	47.67 1.48 0.00	43.35 0.81 0.00	43.65 0.73 0.00	41.47 0.57 0.00	41.39 0.57 0.00	41.57 0.57 0.00	43.82 0.77 0.00	48.19 1.08 0.00	58.15 1.64 0.00	57.53 1.40 0.00	50.79 1.09 0.00	47.26 1.06 0.00	44.09 0.99 0.00	40.96 0.68 0.00	37.21 0.55 0.00
BETHPAGE_CC_5 323564	46.36 2.29 -11.89	40.29 2.13 -6.45	37.84 2.11 -4.27	37.28 2.01 -4.78	38.25 2.15 -3.97	43.10 2.12 -8.34	52.72 3.16 -5.12	54.74 4.29 -2.18	54.24 4.18 -2.00	52.32 4.02 -2.11	53.73 3.23 -7.95	51.27 3.22 -5.13	47.95 2.90 -4.15	46.65 2.98 -2.86	49.69 2.87 -5.83	54.21 3.57 -7.59	56.67 3.96 -5.60	74.63 5.65 -12.47	65.79 5.16 -4.50	60.40 4.22 -6.48	56.68 3.97 -6.51	54.67 3.66 -7.91	51.90 2.90 -8.71	47.67 2.46 -8.55
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.13 -1.06 0.00	30.83 -0.89 0.00	30.30 -1.16 0.00	29.39 -1.10 0.00	31.03 -1.09 0.00	31.47 -1.18 0.00	42.18 -2.27 0.00	45.46 -2.80 0.00	45.36 -2.69 0.00	44.25 -1.94 0.00	41.18 -1.36 0.00	41.68 -1.24 0.00	39.83 -1.06 0.00	39.92 -0.90 0.00	40.05 -0.94 0.00	41.71 -1.33 0.00	45.98 -1.13 0.00	55.49 -1.02 0.00	53.99 -2.13 0.00	47.56 -2.14 0.00	44.12 -2.08 0.00	41.37 -1.72 0.00	38.10 -2.18 0.00	35.49 -1.17 0.00

BINGHAMTON___COGEN 23790	32.22 0.03 0.00	31.78 0.06 0.00	31.49 0.03 0.00	30.52 0.03 0.00	32.19 0.06 0.00	32.71 0.07 0.00	44.49 0.04 0.00	48.46 0.19 0.00	48.20 0.14 0.00	46.47 0.28 0.00	42.80 0.26 0.00	43.18 0.26 0.00	41.10 0.20 0.00	41.02 0.20 0.00	41.20 0.20 0.00	43.39 0.34 0.00	47.72 0.61 0.00	57.64 1.13 0.00	56.80 0.67 0.00	50.15 0.45 0.00	46.57 0.37 0.00	43.44 0.34 0.00	40.20 -0.08 0.00	36.81 0.15 0.00
BIXINCNT_115KV_LOAD 355685	31.67 -0.51 0.00	31.34 -0.38 0.00	30.80 -0.66 0.00	29.91 -0.58 0.00	31.61 -0.51 0.00	32.06 -0.59 0.00	42.98 -1.47 0.00	46.52 -1.74 0.00	46.37 -1.68 0.00	45.18 -1.02 0.00	41.94 -0.60 0.00	42.41 -0.52 0.00	40.53 -0.37 0.00	40.61 -0.20 0.00	40.75 -0.25 0.00	42.53 -0.52 0.00	46.92 -0.19 0.00	56.74 0.23 0.00	55.17 -0.95 0.00	48.61 -1.09 0.00	45.09 -1.11 0.00	42.19 -0.91 0.00	38.87 -1.41 0.00	36.15 -0.51 0.00
BLACK RIVER___HYD 24047	32.09 -0.10 0.00	31.56 -0.16 0.00	31.30 -0.16 0.00	30.37 -0.12 0.00	32.12 0.00 0.00	32.87 0.23 0.00	44.94 0.49 0.00	48.89 0.63 0.00	48.54 0.48 0.00	46.52 0.33 0.00	42.71 0.17 0.00	42.96 0.04 0.00	40.85 -0.04 0.00	40.82 0.00 0.00	41.03 0.04 0.00	43.31 0.26 0.00	47.72 0.61 0.00	57.92 1.41 0.00	57.47 1.34 0.00	50.75 1.05 0.00	47.12 0.92 0.00	43.83 0.73 0.00	40.60 0.32 0.00	36.85 0.18 0.00
BLACKRVR_115KV_TB2 79977	32.09 -0.10 0.00	31.56 -0.16 0.00	31.30 -0.16 0.00	30.37 -0.12 0.00	32.12 0.00 0.00	32.87 0.23 0.00	44.89 0.44 0.00	48.89 0.63 0.00	48.49 0.43 0.00	46.47 0.28 0.00	42.71 0.17 0.00	42.96 0.04 0.00	40.85 -0.04 0.00	40.82 0.00 0.00	41.03 0.04 0.00	43.31 0.26 0.00	47.72 0.61 0.00	57.92 1.41 0.00	57.47 1.35 0.00	50.74 1.04 0.00	47.12 0.92 0.00	43.83 0.73 0.00	40.60 0.32 0.00	36.85 0.18 0.00
BLISS_WT_PWR 323608	31.67 -0.52 0.00	31.37 -0.35 0.00	30.80 -0.66 0.00	29.94 -0.55 0.00	31.61 -0.52 0.00	32.09 -0.56 0.00	43.20 -1.24 0.00	47.06 -1.20 0.00	47.04 -1.01 0.00	45.50 -0.69 0.00	41.99 -0.55 0.00	42.49 -0.43 0.00	40.57 -0.33 0.00	40.45 -0.37 0.00	40.79 -0.20 0.00	42.66 -0.39 0.00	46.92 -0.19 0.00	56.68 0.17 0.00	55.29 -0.84 0.00	48.71 -0.99 0.00	45.14 -1.06 0.00	41.89 -1.21 0.00	38.95 -1.33 0.00	36.26 -0.40 0.00
BLUESTONE___WT_PWR 323821	34.05 1.87 0.00	33.52 1.81 0.00	33.19 1.73 0.00	32.26 1.77 0.00	34.08 1.96 0.00	34.83 2.19 0.00	47.73 3.29 0.00	52.36 4.10 0.00	52.14 4.08 0.00	50.02 3.83 0.00	45.86 3.32 0.00	46.23 3.31 0.00	43.92 3.03 0.00	43.79 2.98 0.00	43.94 2.95 0.00	46.45 3.40 0.00	51.16 4.05 0.00	62.28 5.77 0.00	61.51 5.39 0.00	54.22 4.52 0.00	50.31 4.11 0.00	46.76 3.66 0.00	43.10 2.82 0.00	39.23 2.57 0.00
BLUE_CIRC_CHEM_DRP 24182	33.25 1.06 0.00	32.73 1.01 0.00	32.50 1.04 0.00	31.53 1.04 0.00	33.12 1.00 0.00	33.66 1.01 0.00	46.00 1.56 0.00	50.14 1.88 0.00	50.03 1.97 0.00	48.04 1.85 0.00	43.82 1.28 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.84 1.02 0.00	41.93 0.94 0.00	44.25 1.21 0.00	48.66 1.55 0.00	58.66 2.15 0.00	58.03 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.52 1.42 0.00	41.37 1.09 0.00	37.65 0.99 0.00
BOC_GAS_DRP 24189	32.99 0.80 0.00	32.48 0.76 0.00	32.25 0.79 0.00	31.28 0.79 0.00	32.92 0.80 0.00	33.39 0.75 0.00	45.65 1.20 0.00	49.86 1.59 0.00	49.64 1.59 0.00	47.67 1.48 0.00	43.56 1.02 0.00	43.87 0.94 0.00	41.71 0.82 0.00	41.63 0.82 0.00	41.77 0.78 0.00	44.13 1.08 0.00	48.43 1.32 0.00	58.43 1.92 0.00	57.81 1.68 0.00	51.09 1.39 0.00	47.49 1.29 0.00	44.30 1.21 0.00	41.17 0.89 0.00	37.40 0.73 0.00
BOONVILLE_115KV_TB1 79983	32.73 0.55 0.00	32.22 0.51 0.00	31.96 0.50 0.00	31.01 0.52 0.00	32.76 0.64 0.00	33.46 0.82 0.00	45.69 1.24 0.00	49.76 1.50 0.00	49.55 1.49 0.00	47.58 1.39 0.00	43.73 1.19 0.00	44.04 1.12 0.00	41.88 0.98 0.00	41.80 0.98 0.00	41.98 0.98 0.00	44.21 1.16 0.00	48.57 1.46 0.00	58.71 2.20 0.00	58.20 2.08 0.00	51.39 1.69 0.00	47.77 1.57 0.00	44.48 1.38 0.00	41.25 0.97 0.00	37.47 0.81 0.00
BORALEX_4TH_BRANCH 23824	33.99 1.80 0.00	33.43 1.71 0.00	33.19 1.73 0.00	32.14 1.65 0.00	33.86 1.73 0.00	34.37 1.73 0.00	47.07 2.62 0.00	51.50 3.23 0.00	51.32 3.27 0.00	49.29 3.09 0.00	45.09 2.55 0.00	45.37 2.45 0.00	43.10 2.21 0.00	42.98 2.16 0.00	43.12 2.13 0.00	45.59 2.54 0.00	50.08 2.97 0.00	60.64 4.13 0.00	60.00 3.87 0.00	52.88 3.18 0.00	49.25 3.05 0.00	45.85 2.76 0.00	42.54 2.26 0.00	38.64 1.98 0.00
BOWLINE___1 23526	33.51 1.32 0.00	32.92 1.20 0.00	32.63 1.16 0.00	31.62 1.13 0.00	33.31 1.19 0.00	33.79 1.14 0.00	46.27 1.82 0.00	51.01 2.75 0.00	50.65 2.59 0.00	48.68 2.49 0.00	44.37 1.83 0.00	44.68 1.76 0.00	42.45 1.55 0.00	42.41 1.59 0.00	42.51 1.52 0.00	45.16 2.11 0.00	49.46 2.35 0.00	60.24 3.73 0.00	59.38 3.25 0.00	52.28 2.58 0.00	48.64 2.45 0.00	45.38 2.28 0.00	41.97 1.69 0.00	37.98 1.32 0.00
BOWLINE___2 23595	33.54 1.35 0.00	32.95 1.24 0.00	32.69 1.23 0.00	31.65 1.16 0.00	33.37 1.25 0.00	33.85 1.21 0.00	46.36 1.91 0.00	51.06 2.80 0.00	50.70 2.64 0.00	48.78 2.59 0.00	44.46 1.92 0.00	44.77 1.84 0.00	42.53 1.64 0.00	42.49 1.67 0.00	42.59 1.60 0.00	45.24 2.19 0.00	49.56 2.45 0.00	60.30 3.79 0.00	59.49 3.37 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.47 2.37 0.00	42.01 1.73 0.00	38.06 1.39 0.00
BRADY___115KV_TB2 356060	32.44 0.26 0.00	32.07 0.35 0.00	31.74 0.28 0.00	30.76 0.27 0.00	32.44 0.32 0.00	33.10 0.46 0.00	44.85 0.40 0.00	48.31 0.05 0.00	48.15 0.10 0.00	46.15 -0.05 0.00	42.75 0.21 0.00	43.14 0.21 0.00	41.22 0.33 0.00	41.14 0.33 0.00	41.40 0.41 0.00	43.14 0.09 0.00	47.06 -0.05 0.00	55.83 -0.68 0.00	55.96 -0.17 0.00	49.85 0.15 0.00	46.29 0.09 0.00	43.18 0.09 0.00	40.84 0.56 0.00	37.14 0.48 0.00
BRANSCOMB___SOLAR 323811	33.60 1.41 0.00	33.08 1.36 0.00	32.88 1.42 0.00	31.86 1.37 0.00	33.41 1.29 0.00	33.98 1.34 0.00	46.54 2.09 0.00	50.72 2.46 0.00	50.65 2.59 0.00	48.59 2.40 0.00	44.46 1.92 0.00	44.72 1.80 0.00	42.41 1.51 0.00	42.28 1.47 0.00	42.34 1.35 0.00	44.86 1.81 0.00	49.51 2.40 0.00	59.90 3.39 0.00	59.21 3.08 0.00	52.33 2.63 0.00	48.69 2.49 0.00	45.34 2.24 0.00	41.89 1.61 0.00	38.02 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.90 2.83 -11.88	40.82 2.66 -6.44	38.34 2.61 -4.26	37.76 2.50 -4.77	38.78 2.70 -3.96	43.65 2.68 -8.33	53.60 4.04 -5.11	55.60 5.16 -2.17	55.05 5.00 -1.99	53.10 4.80 -2.11	54.48 4.00 -7.95	51.90 3.86 -5.12	48.60 3.56 -4.15	47.17 3.51 -2.85	50.38 3.57 -5.82	54.98 4.35 -7.58	57.60 4.90 -5.59	75.87 6.89 -12.46	66.96 6.34 -4.50	61.44 5.27 -6.47	57.55 4.85 -6.50	55.40 4.40 -7.91	52.57 3.58 -8.71	48.25 3.04 -8.54

BRISTLHL_115KV_TB1 79998	31.19 -1.00 0.00	30.76 -0.95 0.00	30.52 -0.94 0.00	29.58 -0.91 0.00	31.19 -0.93 0.00	31.73 -0.91 0.00	43.11 -1.33 0.00	47.01 -1.25 0.00	46.76 -1.30 0.00	45.04 -1.15 0.00	41.43 -1.11 0.00	41.85 -1.07 0.00	39.83 -1.06 0.00	39.76 -1.06 0.00	39.93 -1.07 0.00	42.02 -1.03 0.00	46.12 -0.99 0.00	55.55 -0.96 0.00	54.95 -1.18 0.00	48.56 -1.14 0.00	45.09 -1.11 0.00	42.02 -1.08 0.00	39.07 -1.21 0.00	35.60 -1.06 0.00
BROOKHAVEN___DRP 24191	47.09 3.03 -11.88	40.98 2.82 -6.44	38.52 2.80 -4.26	37.95 2.68 -4.77	38.94 2.86 -3.96	43.85 2.87 -8.33	53.46 3.91 -5.11	55.55 5.12 -2.17	55.19 5.14 -1.99	53.24 4.94 -2.11	54.70 4.21 -7.95	52.07 4.03 -5.12	48.72 3.68 -4.15	47.30 3.63 -2.85	50.51 3.69 -5.82	55.19 4.56 -7.58	57.98 5.28 -5.59	76.22 7.23 -12.47	67.36 6.74 -4.50	61.90 5.72 -6.48	57.78 5.08 -6.50	55.40 4.40 -7.91	52.61 3.63 -8.71	48.51 3.30 -8.54
BROOKLYN_NAVY_YARD 23515	33.89 1.70 0.00	33.30 1.59 0.00	32.97 1.51 0.00	31.92 1.43 0.00	33.66 1.54 0.00	34.15 1.50 0.00	46.84 2.40 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.56 3.37 0.00	45.14 2.60 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.18 2.37 0.00	43.24 2.25 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.18 3.48 0.00	49.43 3.23 0.00	46.16 3.06 0.00	42.62 2.34 0.00	38.50 1.83 0.00
BROOKLYN___ARMY_DRP 323595	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
BROOKVLE_69_KV_TB1 55790	46.51 2.45 -11.88	40.44 2.28 -6.44	37.96 2.23 -4.26	37.43 2.16 -4.77	38.37 2.28 -3.96	43.23 2.25 -8.33	52.80 3.24 -5.11	54.83 4.39 -2.17	54.33 4.28 -1.99	52.36 4.06 -2.11	54.02 3.53 -7.95	51.52 3.48 -5.12	48.19 3.15 -4.15	46.77 3.10 -2.85	49.89 3.07 -5.82	54.37 3.75 -7.58	56.71 4.00 -5.59	74.79 5.82 -12.46	65.95 5.33 -4.49	60.54 4.37 -6.47	56.76 4.07 -6.50	54.66 3.66 -7.91	52.13 3.14 -8.71	47.81 2.60 -8.54
BROOME_2_LFGE 323671	32.22 0.03 0.00	31.78 0.06 0.00	31.49 0.03 0.00	30.52 0.03 0.00	32.19 0.06 0.00	32.74 0.10 0.00	44.54 0.09 0.00	48.60 0.34 0.00	48.39 0.34 0.00	46.56 0.37 0.00	42.80 0.26 0.00	43.18 0.26 0.00	41.10 0.21 0.00	40.98 0.16 0.00	41.20 0.21 0.00	43.44 0.39 0.00	47.68 0.57 0.00	57.58 1.07 0.00	56.80 0.68 0.00	50.15 0.45 0.00	46.56 0.37 0.00	43.40 0.30 0.00	40.20 -0.08 0.00	36.81 0.15 0.00
BROOME___LFGE 323600	32.22 0.03 0.00	31.78 0.06 0.00	31.49 0.03 0.00	30.52 0.03 0.00	32.19 0.06 0.00	32.74 0.10 0.00	44.54 0.09 0.00	48.60 0.34 0.00	48.39 0.34 0.00	46.56 0.37 0.00	42.80 0.26 0.00	43.18 0.26 0.00	41.10 0.21 0.00	40.98 0.16 0.00	41.20 0.21 0.00	43.44 0.39 0.00	47.68 0.57 0.00	57.58 1.07 0.00	56.80 0.68 0.00	50.15 0.45 0.00	46.56 0.37 0.00	43.40 0.30 0.00	40.20 -0.08 0.00	36.81 0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.70 -0.42 0.00	32.38 -0.26 0.00	44.09 -0.36 0.00	47.73 -0.53 0.00	47.53 -0.53 0.00	45.55 -0.65 0.00	41.99 -0.55 0.00	42.28 -0.64 0.00	40.32 -0.57 0.00	40.25 -0.57 0.00	40.46 -0.53 0.00	42.45 -0.60 0.00	46.50 -0.61 0.00	55.78 -0.73 0.00	55.62 -0.51 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	40.00 -0.28 0.00	36.33 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	34.18 2.00 0.00	33.56 1.84 0.00	33.25 1.79 0.00	32.17 1.68 0.00	33.95 1.83 0.00	34.41 1.76 0.00	47.20 2.76 0.00	52.22 3.96 0.00	51.85 3.80 0.00	49.84 3.65 0.00	45.52 2.98 0.00	45.84 2.92 0.00	43.55 2.66 0.00	43.39 2.57 0.00	43.53 2.54 0.00	46.36 3.31 0.00	50.69 3.58 0.00	61.77 5.26 0.00	60.90 4.77 0.00	53.63 3.93 0.00	49.85 3.65 0.00	46.37 3.28 0.00	42.98 2.70 0.00	38.79 2.13 0.00
BURROWS___LYONSDAL 23803	32.61 0.42 0.00	32.10 0.38 0.00	31.84 0.38 0.00	30.89 0.40 0.00	32.64 0.51 0.00	33.33 0.69 0.00	45.51 1.07 0.00	49.57 1.30 0.00	49.35 1.30 0.00	47.35 1.15 0.00	43.52 0.98 0.00	43.82 0.90 0.00	41.67 0.78 0.00	41.59 0.78 0.00	41.77 0.78 0.00	44.04 0.99 0.00	48.38 1.27 0.00	58.43 1.92 0.00	57.98 1.85 0.00	51.24 1.54 0.00	47.58 1.39 0.00	44.30 1.21 0.00	41.13 0.85 0.00	37.32 0.66 0.00
CAITHNESS_CC_1 323624	46.94 2.86 -11.89	40.86 2.69 -6.45	38.38 2.64 -4.27	37.80 2.53 -4.78	38.79 2.70 -3.97	43.69 2.71 -8.34	53.38 3.82 -5.12	55.46 5.02 -2.18	55.10 5.04 -2.00	53.11 4.80 -2.11	54.49 4.00 -7.95	51.95 3.91 -5.13	48.57 3.52 -4.15	47.22 3.55 -2.86	50.39 3.56 -5.83	55.07 4.44 -7.59	57.70 4.99 -5.60	75.94 6.95 -12.48	67.09 6.45 -4.51	61.61 5.42 -6.49	57.55 4.85 -6.51	55.36 4.35 -7.91	52.50 3.50 -8.71	48.33 3.11 -8.55
CALPINE BETH_PAGE_GT4 24209	46.32 2.25 -11.88	40.25 2.09 -6.44	37.80 2.08 -4.26	37.25 1.98 -4.77	38.17 2.09 -3.96	43.06 2.09 -8.33	52.71 3.16 -5.11	54.68 4.25 -2.17	54.13 4.08 -1.99	52.23 3.93 -2.11	53.72 3.23 -7.95	51.17 3.13 -5.12	47.90 2.86 -4.15	46.48 2.82 -2.85	49.64 2.83 -5.82	54.16 3.53 -7.58	56.61 3.91 -5.59	74.57 5.59 -12.46	65.73 5.11 -4.49	60.39 4.22 -6.47	56.62 3.93 -6.50	54.54 3.53 -7.91	51.89 2.90 -8.71	47.59 2.38 -8.54
CALPINE_BETH_PAGE_GT_4 323586	46.33 2.25 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.18 2.09 -3.97	43.04 2.06 -8.34	52.67 3.11 -5.12	54.69 4.25 -2.18	54.19 4.13 -2.00	52.28 3.97 -2.11	53.69 3.19 -7.95	51.22 3.18 -5.13	47.91 2.86 -4.15	46.57 2.90 -2.86	49.65 2.83 -5.83	54.21 3.57 -7.59	56.62 3.91 -5.60	74.63 5.65 -12.47	65.79 5.16 -4.50	60.40 4.22 -6.48	56.63 3.92 -6.51	54.67 3.66 -7.91	51.90 2.90 -8.71	47.64 2.42 -8.55
CALPINE_BP_GT1 23823	46.33 2.25 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.18 2.09 -3.97	43.04 2.06 -8.34	52.67 3.11 -5.12	54.69 4.25 -2.18	54.19 4.13 -2.00	52.28 3.97 -2.11	53.69 3.19 -7.95	51.22 3.18 -5.13	47.91 2.86 -4.15	46.57 2.90 -2.86	49.65 2.83 -5.83	54.21 3.57 -7.59	56.62 3.91 -5.60	74.63 5.65 -12.47	65.79 5.16 -4.50	60.40 4.22 -6.48	56.63 3.92 -6.51	54.67 3.66 -7.91	51.90 2.90 -8.71	47.64 2.42 -8.55
CALSPAN___DRP 24200	31.00 -1.19 0.00	30.67 -1.05 0.00	30.17 -1.29 0.00	29.27 -1.22 0.00	30.90 -1.22 0.00	31.34 -1.31 0.00	41.96 -2.49 0.00	45.17 -3.09 0.00	45.08 -2.98 0.00	43.98 -2.22 0.00	40.97 -1.57 0.00	41.46 -1.46 0.00	39.63 -1.27 0.00	39.71 -1.10 0.00	39.84 -1.15 0.00	41.54 -1.51 0.00	45.70 -1.41 0.00	55.15 -1.36 0.00	53.71 -2.41 0.00	47.31 -2.39 0.00	43.89 -2.31 0.00	41.16 -1.94 0.00	37.90 -2.38 0.00	35.34 -1.32 0.00

CALVERTON___SOLAR 323806	47.26 3.19 -11.89	41.14 2.98 -6.45	38.69 2.96 -4.27	38.11 2.84 -4.78	39.11 3.02 -3.97	43.98 3.00 -8.34	53.65 4.09 -5.12	55.75 5.31 -2.18	55.49 5.43 -2.00	53.53 5.22 -2.11	54.88 4.38 -7.95	52.30 4.25 -5.13	48.89 3.84 -4.15	47.55 3.88 -2.86	50.72 3.90 -5.83	55.50 4.86 -7.59	58.22 5.51 -5.60	76.67 7.68 -12.48	67.77 7.13 -4.51	62.25 6.06 -6.49	58.06 5.36 -6.51	55.71 4.70 -7.91	52.78 3.79 -8.71	48.70 3.48 -8.55
CANDIGU_WT_PWR 323617	31.57 -0.61 0.00	31.24 -0.47 0.00	30.83 -0.63 0.00	29.91 -0.58 0.00	31.58 -0.55 0.00	32.12 -0.52 0.00	43.47 -0.98 0.00	47.30 -0.96 0.00	47.19 -0.86 0.00	45.50 -0.69 0.00	41.94 -0.60 0.00	42.45 -0.47 0.00	40.45 -0.45 0.00	40.33 -0.49 0.00	40.66 -0.33 0.00	42.84 -0.21 0.00	47.16 0.05 0.00	56.96 0.45 0.00	55.85 -0.28 0.00	49.20 -0.50 0.00	45.64 -0.55 0.00	42.45 -0.65 0.00	39.36 -0.92 0.00	36.41 -0.25 0.00
CARR STREET_E_SYR 24060	31.32 -0.87 0.00	30.89 -0.82 0.00	30.61 -0.85 0.00	29.70 -0.79 0.00	31.29 -0.84 0.00	31.86 -0.78 0.00	43.34 -1.11 0.00	47.30 -0.96 0.00	47.09 -0.96 0.00	45.31 -0.88 0.00	41.69 -0.85 0.00	42.06 -0.86 0.00	40.03 -0.86 0.00	39.96 -0.86 0.00	40.13 -0.86 0.00	42.23 -0.82 0.00	46.35 -0.76 0.00	55.83 -0.68 0.00	55.23 -0.90 0.00	48.75 -0.95 0.00	45.27 -0.92 0.00	42.15 -0.95 0.00	39.15 -1.13 0.00	35.75 -0.92 0.00
CARTHAGE___PAPER 23857	32.00 -0.19 0.00	31.50 -0.22 0.00	31.24 -0.22 0.00	30.31 -0.18 0.00	32.06 -0.06 0.00	32.81 0.16 0.00	44.85 0.40 0.00	48.74 0.48 0.00	48.44 0.38 0.00	46.38 0.19 0.00	42.63 0.09 0.00	42.84 -0.09 0.00	40.77 -0.12 0.00	40.74 -0.08 0.00	40.95 -0.04 0.00	43.14 0.09 0.00	47.48 0.38 0.00	57.47 0.96 0.00	57.14 1.01 0.00	50.49 0.79 0.00	46.89 0.69 0.00	43.62 0.52 0.00	40.52 0.24 0.00	36.74 0.07 0.00
CASSADAGA_WT_PWR 323784	31.71 -0.48 0.00	31.34 -0.38 0.00	30.86 -0.60 0.00	30.03 -0.46 0.00	31.74 -0.38 0.00	32.32 -0.33 0.00	43.69 -0.76 0.00	47.78 -0.48 0.00	47.96 -0.10 0.00	46.38 0.19 0.00	42.88 0.34 0.00	43.44 0.52 0.00	41.51 0.61 0.00	41.31 0.49 0.00	41.65 0.65 0.00	43.52 0.47 0.00	47.82 0.71 0.00	57.86 1.35 0.00	56.35 0.23 0.00	49.65 -0.05 0.00	46.01 -0.18 0.00	42.62 -0.47 0.00	39.51 -0.77 0.00	36.74 0.07 0.00
CE_DUNWOOD___DRP 24194	33.80 1.61 0.00	33.21 1.49 0.00	32.94 1.48 0.00	31.89 1.40 0.00	33.63 1.51 0.00	34.08 1.44 0.00	46.71 2.27 0.00	51.54 3.28 0.00	51.18 3.12 0.00	49.19 3.00 0.00	44.92 2.38 0.00	45.24 2.32 0.00	42.98 2.09 0.00	42.86 2.04 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.03 2.92 0.00	60.86 4.35 0.00	60.05 3.93 0.00	52.88 3.18 0.00	49.20 3.00 0.00	45.77 2.67 0.00	42.37 2.09 0.00	38.35 1.69 0.00
CE_MILLWOOD___DRP 24193	33.76 1.58 0.00	33.14 1.43 0.00	32.88 1.42 0.00	31.83 1.34 0.00	33.57 1.45 0.00	34.05 1.40 0.00	46.62 2.18 0.00	51.40 3.14 0.00	51.08 3.03 0.00	49.06 2.86 0.00	44.84 2.30 0.00	45.11 2.19 0.00	42.86 1.96 0.00	42.74 1.92 0.00	42.88 1.89 0.00	45.59 2.54 0.00	49.89 2.78 0.00	60.69 4.18 0.00	59.89 3.76 0.00	52.78 3.08 0.00	49.11 2.91 0.00	45.68 2.59 0.00	42.29 2.01 0.00	38.28 1.61 0.00
CE_NYC2_DRP 24202	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.93 3.67 0.00	51.56 3.51 0.00	49.56 3.37 0.00	45.26 2.72 0.00	45.63 2.70 0.00	43.35 2.45 0.00	43.18 2.37 0.00	43.33 2.34 0.00	46.15 3.10 0.00	50.36 3.25 0.00	61.43 4.92 0.00	60.56 4.43 0.00	53.33 3.63 0.00	49.52 3.33 0.00	46.16 3.06 0.00	42.82 2.54 0.00	38.64 1.98 0.00
CE_NYC_DRP 24195	33.93 1.74 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.47 3.28 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.23 2.33 0.00	43.10 2.29 0.00	43.25 2.25 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.43 3.23 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
CHAFFEE___LFGE 323603	31.09 -1.09 0.00	30.77 -0.95 0.00	30.27 -1.20 0.00	29.36 -1.13 0.00	31.00 -1.13 0.00	31.47 -1.17 0.00	42.36 -2.09 0.00	45.95 -2.32 0.00	46.04 -2.02 0.00	44.48 -1.71 0.00	41.14 -1.40 0.00	41.67 -1.25 0.00	39.79 -1.10 0.00	39.63 -1.18 0.00	39.97 -1.02 0.00	41.76 -1.29 0.00	45.84 -1.27 0.00	55.21 -1.30 0.00	53.88 -2.25 0.00	47.46 -2.24 0.00	44.03 -2.17 0.00	40.90 -2.20 0.00	38.03 -2.25 0.00	35.49 -1.17 0.00
CHATEAUG_35_KV_LOAD 355732	32.93 0.74 0.00	32.57 0.86 0.00	32.15 0.69 0.00	31.04 0.55 0.00	32.70 0.58 0.00	33.30 0.65 0.00	45.33 0.89 0.00	48.75 0.48 0.00	48.58 0.53 0.00	46.47 0.28 0.00	43.05 0.51 0.00	43.35 0.43 0.00	41.43 0.53 0.00	41.43 0.61 0.00	41.77 0.78 0.00	43.61 0.56 0.00	47.72 0.61 0.00	56.28 -0.23 0.00	56.29 0.17 0.00	50.69 0.99 0.00	47.17 0.97 0.00	44.04 0.95 0.00	41.69 1.41 0.00	38.24 1.58 0.00
CHATEAUG_WT_PWR 323614	32.80 0.61 0.00	32.45 0.73 0.00	32.03 0.57 0.00	30.89 0.40 0.00	32.54 0.42 0.00	33.13 0.49 0.00	45.20 0.75 0.00	48.55 0.29 0.00	48.39 0.34 0.00	46.33 0.14 0.00	42.97 0.43 0.00	43.14 0.22 0.00	41.22 0.33 0.00	41.22 0.41 0.00	41.57 0.57 0.00	43.39 0.34 0.00	47.53 0.42 0.00	56.00 -0.51 0.00	55.96 -0.17 0.00	50.49 0.79 0.00	46.98 0.78 0.00	43.91 0.82 0.00	41.53 1.25 0.00	38.20 1.54 0.00
CHAT_HIGH_FALL_HYD 323578	32.93 0.74 0.00	32.57 0.86 0.00	32.15 0.69 0.00	31.04 0.55 0.00	32.70 0.58 0.00	33.30 0.65 0.00	45.33 0.89 0.00	48.75 0.48 0.00	48.58 0.53 0.00	46.47 0.28 0.00	43.05 0.51 0.00	43.35 0.43 0.00	41.43 0.53 0.00	41.43 0.61 0.00	41.77 0.78 0.00	43.61 0.56 0.00	47.72 0.61 0.00	56.28 -0.23 0.00	56.29 0.17 0.00	50.69 0.99 0.00	47.17 0.97 0.00	44.04 0.95 0.00	41.69 1.41 0.00	38.24 1.58 0.00
CHAUTAUQUA___LFGE 323629	31.41 -0.77 0.00	31.08 -0.63 0.00	30.58 -0.88 0.00	29.70 -0.79 0.00	31.35 -0.77 0.00	31.86 -0.78 0.00	42.98 -1.47 0.00	46.53 -1.74 0.00	46.66 -1.40 0.00	45.08 -1.11 0.00	41.69 -0.85 0.00	42.23 -0.69 0.00	40.32 -0.57 0.00	40.16 -0.65 0.00	40.50 -0.49 0.00	42.36 -0.69 0.00	46.50 -0.61 0.00	56.12 -0.39 0.00	54.72 -1.40 0.00	48.16 -1.54 0.00	44.67 -1.52 0.00	41.50 -1.59 0.00	38.51 -1.77 0.00	35.93 -0.73 0.00
CHERRYST_13_KV_LD 356241	34.02 1.83 0.00	33.40 1.68 0.00	33.10 1.64 0.00	32.05 1.56 0.00	33.79 1.67 0.00	34.28 1.63 0.00	46.98 2.53 0.00	51.98 3.72 0.00	51.61 3.56 0.00	49.61 3.42 0.00	45.35 2.81 0.00	45.67 2.75 0.00	43.39 2.49 0.00	43.22 2.41 0.00	43.37 2.38 0.00	46.19 3.14 0.00	50.45 3.34 0.00	61.43 4.92 0.00	60.56 4.43 0.00	53.33 3.63 0.00	49.57 3.37 0.00	46.11 3.02 0.00	42.74 2.46 0.00	38.57 1.91 0.00

CHESTROR_138KV_BK263 355645	33.44 1.26 0.00	32.89 1.17 0.00	32.63 1.16 0.00	31.59 1.10 0.00	33.31 1.19 0.00	33.79 1.14 0.00	46.22 1.78 0.00	50.77 2.51 0.00	50.46 2.40 0.00	48.41 2.22 0.00	44.24 1.70 0.00	44.51 1.59 0.00	42.29 1.39 0.00	42.16 1.35 0.00	42.34 1.35 0.00	44.94 1.89 0.00	49.32 2.21 0.00	59.90 3.39 0.00	59.16 3.03 0.00	52.14 2.44 0.00	48.46 2.26 0.00	45.08 1.98 0.00	41.85 1.57 0.00	37.91 1.25 0.00
CH_MIDHUDSON___DRP 24192	34.25 2.06 0.00	33.62 1.90 0.00	33.38 1.92 0.00	32.35 1.86 0.00	34.08 1.96 0.00	34.57 1.93 0.00	47.42 2.98 0.00	51.93 3.67 0.00	51.66 3.60 0.00	49.47 3.28 0.00	45.01 2.47 0.00	45.20 2.27 0.00	42.90 2.00 0.00	42.82 2.00 0.00	43.04 2.05 0.00	45.76 2.71 0.00	50.36 3.25 0.00	61.26 4.75 0.00	60.67 4.55 0.00	53.33 3.63 0.00	49.52 3.33 0.00	45.94 2.84 0.00	42.70 2.42 0.00	38.61 1.94 0.00
CH_MISC_IPPS 23765	34.15 1.96 0.00	33.56 1.84 0.00	33.32 1.86 0.00	32.26 1.77 0.00	34.02 1.89 0.00	34.50 1.86 0.00	47.33 2.89 0.00	51.83 3.57 0.00	51.52 3.46 0.00	49.47 3.28 0.00	44.88 2.34 0.00	45.11 2.19 0.00	42.82 1.92 0.00	42.78 1.96 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.27 3.16 0.00	61.14 4.63 0.00	60.56 4.43 0.00	53.18 3.48 0.00	49.43 3.23 0.00	45.94 2.84 0.00	42.57 2.29 0.00	38.53 1.87 0.00
CH_RES_BVR_FALLS 23983	32.16 -0.03 0.00	31.72 0.00 0.00	31.46 0.00 0.00	30.46 -0.03 0.00	32.09 -0.03 0.00	32.64 0.00 0.00	44.40 -0.04 0.00	47.93 -0.34 0.00	47.72 -0.33 0.00	45.87 -0.32 0.00	42.41 -0.13 0.00	42.79 -0.13 0.00	40.81 -0.08 0.00	40.74 -0.08 0.00	40.95 -0.04 0.00	42.79 -0.26 0.00	46.73 -0.38 0.00	55.72 -0.79 0.00	55.56 -0.56 0.00	49.40 -0.30 0.00	45.92 -0.28 0.00	42.88 -0.21 0.00	40.32 0.04 0.00	36.70 0.04 0.00
CH_RES_NIAGARA 23895	29.81 -2.38 0.00	29.50 -2.22 0.00	29.01 -2.45 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.36 -4.09 0.00	43.44 -4.83 0.00	43.64 -4.42 0.00	42.22 -3.97 0.00	39.10 -3.44 0.00	39.70 -3.22 0.00	37.91 -2.98 0.00	37.75 -3.06 0.00	38.08 -2.91 0.00	39.82 -3.23 0.00	43.53 -3.58 0.00	52.27 -4.24 0.00	51.02 -5.11 0.00	44.93 -4.77 0.00	41.72 -4.48 0.00	38.75 -4.35 0.00	36.17 -4.11 0.00	33.91 -2.75 0.00
CH_RES_SYRACUSE 23985	31.67 -0.52 0.00	31.24 -0.47 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.64 -0.48 0.00	32.22 -0.43 0.00	43.87 -0.58 0.00	47.87 -0.39 0.00	47.67 -0.39 0.00	45.87 -0.32 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.41 -0.41 0.00	40.58 -0.41 0.00	42.75 -0.30 0.00	46.88 -0.23 0.00	56.51 0.00 0.00	55.90 -0.22 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.67 -0.43 0.00	39.63 -0.65 0.00	36.15 -0.51 0.00
CLINTON_WT_PWR 323605	32.80 0.61 0.00	32.45 0.73 0.00	32.03 0.57 0.00	30.89 0.40 0.00	32.54 0.42 0.00	33.13 0.49 0.00	45.20 0.75 0.00	48.55 0.29 0.00	48.39 0.34 0.00	46.33 0.14 0.00	42.97 0.43 0.00	43.14 0.22 0.00	41.22 0.33 0.00	41.22 0.41 0.00	41.57 0.57 0.00	43.39 0.34 0.00	47.53 0.42 0.00	56.00 -0.51 0.00	55.96 -0.17 0.00	50.49 0.79 0.00	46.98 0.78 0.00	43.91 0.82 0.00	41.53 1.25 0.00	38.20 1.54 0.00
CLINTON___LFGE 323618	33.19 1.00 0.00	32.89 1.17 0.00	32.44 0.98 0.00	31.28 0.79 0.00	32.99 0.87 0.00	33.66 1.01 0.00	45.96 1.51 0.00	49.57 1.30 0.00	49.45 1.39 0.00	47.26 1.06 0.00	43.77 1.23 0.00	43.91 0.99 0.00	41.96 1.06 0.00	41.96 1.14 0.00	42.39 1.39 0.00	44.25 1.20 0.00	48.52 1.41 0.00	57.13 0.62 0.00	57.14 1.01 0.00	51.64 1.94 0.00	48.00 1.80 0.00	44.82 1.73 0.00	42.33 2.05 0.00	38.97 2.31 0.00
COBBLENY_34_KV_TB1 80064	31.09 -1.09 0.00	30.76 -0.95 0.00	30.27 -1.20 0.00	29.36 -1.13 0.00	31.00 -1.12 0.00	31.44 -1.21 0.00	42.13 -2.31 0.00	45.46 -2.80 0.00	45.32 -2.74 0.00	44.21 -1.99 0.00	41.14 -1.40 0.00	41.63 -1.29 0.00	39.79 -1.10 0.00	39.88 -0.94 0.00	39.97 -1.02 0.00	41.63 -1.42 0.00	45.88 -1.22 0.00	55.38 -1.13 0.00	53.94 -2.19 0.00	47.46 -2.24 0.00	44.03 -2.17 0.00	41.29 -1.81 0.00	38.02 -2.26 0.00	35.42 -1.25 0.00
COFFEEN___115KV_TB3 355620	32.28 0.10 0.00	31.75 0.03 0.00	31.49 0.03 0.00	30.55 0.06 0.00	32.31 0.19 0.00	33.13 0.49 0.00	45.25 0.80 0.00	49.28 1.01 0.00	48.87 0.82 0.00	46.79 0.60 0.00	43.01 0.47 0.00	43.26 0.34 0.00	41.10 0.20 0.00	41.10 0.29 0.00	41.28 0.29 0.00	43.61 0.56 0.00	48.15 1.04 0.00	58.49 1.98 0.00	58.03 1.91 0.00	51.24 1.54 0.00	47.58 1.39 0.00	44.22 1.12 0.00	40.92 0.64 0.00	37.10 0.44 0.00
COLDSPRG_115KV_BK1 355956	32.25 0.06 0.00	31.87 0.16 0.00	31.34 -0.13 0.00	30.46 -0.03 0.00	32.22 0.10 0.00	32.77 0.13 0.00	43.96 -0.49 0.00	48.17 -0.10 0.00	48.10 0.05 0.00	46.70 0.51 0.00	43.39 0.85 0.00	43.87 0.94 0.00	41.96 1.06 0.00	41.92 1.10 0.00	42.10 1.11 0.00	43.82 0.77 0.00	48.38 1.27 0.00	58.66 2.15 0.00	56.91 0.79 0.00	50.15 0.45 0.00	46.57 0.37 0.00	43.53 0.43 0.00	40.16 -0.12 0.00	37.29 0.62 0.00
COLONIE_LFGE___ 323577	33.48 1.29 0.00	32.95 1.24 0.00	32.72 1.26 0.00	31.71 1.22 0.00	33.34 1.22 0.00	33.85 1.21 0.00	46.27 1.82 0.00	50.53 2.27 0.00	50.36 2.31 0.00	48.36 2.17 0.00	44.28 1.74 0.00	44.59 1.67 0.00	42.36 1.47 0.00	42.24 1.43 0.00	42.39 1.39 0.00	44.81 1.77 0.00	49.23 2.12 0.00	59.56 3.05 0.00	58.88 2.75 0.00	51.99 2.29 0.00	48.37 2.17 0.00	45.12 2.03 0.00	41.77 1.49 0.00	37.95 1.28 0.00
COOPERNY_115KV_TB1 80082	33.12 0.93 0.00	32.57 0.86 0.00	32.31 0.85 0.00	31.31 0.82 0.00	32.99 0.87 0.00	33.49 0.85 0.00	45.73 1.29 0.00	50.14 1.88 0.00	49.88 1.83 0.00	47.90 1.71 0.00	43.86 1.32 0.00	44.17 1.24 0.00	42.00 1.10 0.00	41.88 1.06 0.00	42.06 1.07 0.00	44.51 1.46 0.00	48.81 1.70 0.00	59.17 2.66 0.00	58.43 2.30 0.00	51.59 1.89 0.00	47.95 1.76 0.00	44.65 1.55 0.00	41.45 1.17 0.00	37.58 0.92 0.00
COPENHAGEN_WT_PWR 323753	32.03 -0.16 0.00	31.50 -0.22 0.00	31.21 -0.25 0.00	30.31 -0.18 0.00	32.03 -0.10 0.00	32.77 0.13 0.00	44.76 0.31 0.00	48.70 0.43 0.00	48.35 0.29 0.00	46.38 0.19 0.00	42.58 0.04 0.00	42.84 -0.09 0.00	40.77 -0.12 0.00	40.69 -0.12 0.00	40.91 -0.08 0.00	43.18 0.13 0.00	47.58 0.47 0.00	57.64 1.13 0.00	57.25 1.12 0.00	50.54 0.84 0.00	46.93 0.74 0.00	43.66 0.56 0.00	40.48 0.20 0.00	36.74 0.07 0.00
CORNELL_____ 23752	32.57 0.39 0.00	32.13 0.41 0.00	31.84 0.38 0.00	30.89 0.40 0.00	32.60 0.48 0.00	33.20 0.55 0.00	45.33 0.89 0.00	49.47 1.21 0.00	49.21 1.15 0.00	47.30 1.11 0.00	43.56 1.02 0.00	43.87 0.94 0.00	41.71 0.82 0.00	41.63 0.82 0.00	41.77 0.78 0.00	44.13 1.08 0.00	48.66 1.55 0.00	58.88 2.37 0.00	58.15 2.02 0.00	51.29 1.59 0.00	47.63 1.43 0.00	44.35 1.25 0.00	40.96 0.68 0.00	37.40 0.73 0.00

CORONA V_69_KV_TB1 355595	46.41 2.35 -11.88	40.34 2.19 -6.44	37.89 2.17 -4.26	37.34 2.07 -4.77	38.27 2.18 -3.96	43.13 2.15 -8.33	52.75 3.20 -5.11	54.78 4.34 -2.17	54.23 4.18 -1.99	52.27 3.97 -2.11	53.80 3.32 -7.95	51.30 3.26 -5.12	48.03 2.99 -4.15	46.60 2.94 -2.85	49.73 2.91 -5.82	54.24 3.62 -7.58	56.71 4.00 -5.59	74.57 5.59 -12.46	65.73 5.11 -4.49	60.54 4.37 -6.47	56.76 4.07 -6.50	54.66 3.66 -7.91	51.97 2.98 -8.71	47.70 2.49 -8.54
CORTLAND_115KV_TB3 80093	32.32 0.13 0.00	31.87 0.16 0.00	31.62 0.16 0.00	30.64 0.15 0.00	32.35 0.22 0.00	32.90 0.26 0.00	44.85 0.40 0.00	48.94 0.68 0.00	48.68 0.62 0.00	46.84 0.65 0.00	43.09 0.55 0.00	43.44 0.52 0.00	41.34 0.45 0.00	41.27 0.45 0.00	41.44 0.45 0.00	43.69 0.65 0.00	48.05 0.94 0.00	58.04 1.53 0.00	57.30 1.18 0.00	50.60 0.89 0.00	46.98 0.79 0.00	43.79 0.69 0.00	40.52 0.24 0.00	36.99 0.33 0.00
COXSACKIE__GT 23611	34.47 2.29 0.00	33.94 2.22 0.00	33.73 2.27 0.00	32.72 2.22 0.00	34.40 2.28 0.00	35.03 2.38 0.00	47.87 3.42 0.00	51.55 3.28 0.00	51.52 3.46 0.00	49.06 2.86 0.00	44.37 1.83 0.00	44.46 1.54 0.00	42.16 1.27 0.00	42.08 1.27 0.00	42.34 1.35 0.00	44.90 1.85 0.00	50.03 2.92 0.00	60.46 3.95 0.00	60.28 4.15 0.00	52.93 3.23 0.00	49.16 2.96 0.00	45.47 2.37 0.00	42.45 2.17 0.00	38.50 1.83 0.00
CPV_VALLEY__CC1 323721	33.22 1.03 0.00	32.64 0.92 0.00	32.37 0.91 0.00	31.38 0.88 0.00	33.05 0.93 0.00	33.53 0.88 0.00	45.83 1.38 0.00	50.38 2.12 0.00	50.07 2.02 0.00	48.13 1.94 0.00	43.90 1.36 0.00	44.25 1.33 0.00	42.04 1.14 0.00	42.00 1.18 0.00	42.10 1.11 0.00	44.64 1.59 0.00	48.95 1.84 0.00	59.45 2.94 0.00	58.71 2.58 0.00	51.74 2.04 0.00	48.09 1.89 0.00	44.86 1.77 0.00	41.53 1.25 0.00	37.65 0.99 0.00
CPV_VALLEY__CC2 323722	33.22 1.03 0.00	32.64 0.92 0.00	32.37 0.91 0.00	31.38 0.88 0.00	33.05 0.93 0.00	33.53 0.88 0.00	45.83 1.38 0.00	50.38 2.12 0.00	50.07 2.02 0.00	48.13 1.94 0.00	43.90 1.36 0.00	44.25 1.33 0.00	42.04 1.14 0.00	42.00 1.18 0.00	42.10 1.11 0.00	44.64 1.59 0.00	48.95 1.84 0.00	59.45 2.94 0.00	58.71 2.58 0.00	51.74 2.04 0.00	48.09 1.89 0.00	44.86 1.77 0.00	41.53 1.25 0.00	37.65 0.99 0.00
CRESCENT__HYD 24018	33.48 1.29 0.00	32.95 1.24 0.00	32.72 1.26 0.00	31.71 1.22 0.00	33.34 1.22 0.00	33.85 1.21 0.00	46.27 1.82 0.00	50.53 2.27 0.00	50.36 2.31 0.00	48.36 2.17 0.00	44.28 1.74 0.00	44.59 1.67 0.00	42.36 1.47 0.00	42.24 1.43 0.00	42.39 1.39 0.00	44.81 1.77 0.00	49.23 2.12 0.00	59.56 3.05 0.00	58.88 2.75 0.00	51.99 2.29 0.00	48.37 2.17 0.00	45.12 2.03 0.00	41.77 1.49 0.00	37.95 1.28 0.00
CRICKET__VALLEY_CC1 323756	33.73 1.54 0.00	33.18 1.46 0.00	32.91 1.45 0.00	31.89 1.40 0.00	33.60 1.48 0.00	34.08 1.43 0.00	46.58 2.13 0.00	51.21 2.94 0.00	50.89 2.83 0.00	48.96 2.77 0.00	44.67 2.13 0.00	45.02 2.10 0.00	42.78 1.88 0.00	42.74 1.92 0.00	42.84 1.85 0.00	45.42 2.37 0.00	49.75 2.64 0.00	60.41 3.90 0.00	59.66 3.54 0.00	52.53 2.83 0.00	48.92 2.72 0.00	45.59 2.50 0.00	42.21 1.93 0.00	38.24 1.58 0.00
CRICKET__VALLEY_CC2 323757	33.73 1.54 0.00	33.18 1.46 0.00	32.91 1.45 0.00	31.89 1.40 0.00	33.60 1.48 0.00	34.08 1.43 0.00	46.58 2.13 0.00	51.21 2.94 0.00	50.89 2.83 0.00	48.96 2.77 0.00	44.67 2.13 0.00	45.02 2.10 0.00	42.78 1.88 0.00	42.74 1.92 0.00	42.84 1.85 0.00	45.42 2.37 0.00	49.75 2.64 0.00	60.41 3.90 0.00	59.66 3.54 0.00	52.53 2.83 0.00	48.92 2.72 0.00	45.59 2.50 0.00	42.21 1.93 0.00	38.24 1.58 0.00
CRICKET__VALLEY_CC3 323758	33.73 1.54 0.00	33.18 1.46 0.00	32.91 1.45 0.00	31.89 1.40 0.00	33.60 1.48 0.00	34.08 1.43 0.00	46.58 2.13 0.00	51.21 2.94 0.00	50.89 2.83 0.00	48.96 2.77 0.00	44.67 2.13 0.00	45.02 2.10 0.00	42.78 1.88 0.00	42.74 1.92 0.00	42.84 1.85 0.00	45.42 2.37 0.00	49.75 2.64 0.00	60.41 3.90 0.00	59.66 3.54 0.00	52.53 2.83 0.00	48.92 2.72 0.00	45.59 2.50 0.00	42.21 1.93 0.00	38.24 1.58 0.00
CRUCIBLE_METL_DRP 24180	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.64 -0.48 0.00	32.22 -0.42 0.00	43.82 -0.62 0.00	47.78 -0.48 0.00	47.57 -0.48 0.00	45.82 -0.37 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.58 -0.41 0.00	42.70 -0.34 0.00	46.92 -0.19 0.00	56.51 0.00 0.00	55.90 -0.22 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	39.64 -0.64 0.00	36.15 -0.51 0.00
DAHOWA__HYDRO 323763	33.60 1.41 0.00	33.11 1.39 0.00	32.91 1.45 0.00	31.89 1.40 0.00	33.37 1.25 0.00	33.98 1.34 0.00	46.62 2.18 0.00	50.77 2.51 0.00	50.70 2.64 0.00	48.64 2.45 0.00	44.54 2.00 0.00	44.77 1.84 0.00	42.41 1.51 0.00	42.28 1.47 0.00	42.30 1.31 0.00	44.86 1.81 0.00	49.51 2.40 0.00	59.96 3.45 0.00	59.27 3.14 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.34 2.24 0.00	41.85 1.57 0.00	38.02 1.36 0.00
DANC__LFGE 323619	31.74 -0.45 0.00	31.21 -0.51 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.70 -0.42 0.00	32.38 -0.26 0.00	44.09 -0.36 0.00	48.02 -0.24 0.00	47.72 -0.33 0.00	45.87 -0.32 0.00	42.11 -0.43 0.00	42.45 -0.47 0.00	40.36 -0.53 0.00	40.28 -0.53 0.00	40.50 -0.49 0.00	42.66 -0.39 0.00	46.97 -0.14 0.00	56.79 0.28 0.00	56.29 0.17 0.00	49.70 0.00 0.00	46.20 0.00 0.00	43.01 -0.09 0.00	39.96 -0.32 0.00	36.33 -0.33 0.00
DANSKAMMER__1 23586	34.15 1.96 0.00	33.56 1.84 0.00	33.32 1.86 0.00	32.26 1.77 0.00	34.02 1.89 0.00	34.50 1.86 0.00	47.33 2.89 0.00	51.83 3.57 0.00	51.52 3.46 0.00	49.47 3.28 0.00	44.88 2.34 0.00	45.11 2.19 0.00	42.82 1.92 0.00	42.78 1.96 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.27 3.16 0.00	61.14 4.63 0.00	60.56 4.43 0.00	53.18 3.48 0.00	49.43 3.23 0.00	45.94 2.84 0.00	42.57 2.29 0.00	38.53 1.87 0.00
DANSKAMMER__2 23589	34.15 1.96 0.00	33.56 1.84 0.00	33.32 1.86 0.00	32.26 1.77 0.00	34.02 1.89 0.00	34.50 1.86 0.00	47.33 2.89 0.00	51.83 3.57 0.00	51.52 3.46 0.00	49.47 3.28 0.00	44.88 2.34 0.00	45.11 2.19 0.00	42.82 1.92 0.00	42.78 1.96 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.27 3.16 0.00	61.14 4.63 0.00	60.56 4.43 0.00	53.18 3.48 0.00	49.43 3.23 0.00	45.94 2.84 0.00	42.57 2.29 0.00	38.53 1.87 0.00
DANSKAMMER__3 23590	34.15 1.96 0.00	33.56 1.84 0.00	33.32 1.86 0.00	32.26 1.77 0.00	34.02 1.89 0.00	34.50 1.86 0.00	47.33 2.89 0.00	51.83 3.57 0.00	51.52 3.46 0.00	49.47 3.28 0.00	44.88 2.34 0.00	45.11 2.19 0.00	42.82 1.92 0.00	42.78 1.96 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.27 3.16 0.00	61.14 4.63 0.00	60.56 4.43 0.00	53.18 3.48 0.00	49.43 3.23 0.00	45.94 2.84 0.00	42.57 2.29 0.00	38.53 1.87 0.00

DANSKAMMER___4 23591	34.15 1.96 0.00	33.56 1.84 0.00	33.32 1.86 0.00	32.26 1.77 0.00	34.02 1.89 0.00	34.50 1.86 0.00	47.33 2.89 0.00	51.83 3.57 0.00	51.52 3.46 0.00	49.47 3.28 0.00	44.88 2.34 0.00	45.11 2.19 0.00	42.82 1.92 0.00	42.78 1.96 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.27 3.16 0.00	61.14 4.63 0.00	60.56 4.43 0.00	53.18 3.48 0.00	49.43 3.23 0.00	45.94 2.84 0.00	42.57 2.29 0.00	38.53 1.87 0.00
DANSKAMMER___DIESEL 23592	34.15 1.96 0.00	33.56 1.84 0.00	33.32 1.86 0.00	32.26 1.77 0.00	34.02 1.90 0.00	34.50 1.86 0.00	47.29 2.84 0.00	51.83 3.57 0.00	51.52 3.46 0.00	49.38 3.19 0.00	44.92 2.38 0.00	45.11 2.19 0.00	42.82 1.92 0.00	42.74 1.92 0.00	42.96 1.97 0.00	45.68 2.63 0.00	50.27 3.16 0.00	61.14 4.63 0.00	60.50 4.38 0.00	53.18 3.48 0.00	49.43 3.23 0.00	45.85 2.76 0.00	42.58 2.30 0.00	38.53 1.87 0.00
DARBY___SOLAR 323810	33.57 1.38 0.00	33.08 1.36 0.00	32.88 1.42 0.00	31.86 1.37 0.00	33.37 1.25 0.00	33.98 1.34 0.00	46.54 2.09 0.00	50.72 2.46 0.00	50.65 2.59 0.00	48.64 2.45 0.00	44.50 1.96 0.00	44.77 1.84 0.00	42.41 1.51 0.00	42.28 1.47 0.00	42.34 1.35 0.00	44.86 1.81 0.00	49.46 2.35 0.00	59.84 3.33 0.00	59.15 3.03 0.00	52.33 2.63 0.00	48.69 2.49 0.00	45.29 2.20 0.00	41.85 1.57 0.00	38.02 1.36 0.00
DASHVILLE___HYD 23610	33.73 1.54 0.00	33.14 1.43 0.00	32.91 1.45 0.00	31.86 1.37 0.00	33.63 1.51 0.00	34.05 1.40 0.00	46.67 2.22 0.00	51.16 2.90 0.00	50.79 2.74 0.00	48.64 2.45 0.00	44.33 1.79 0.00	44.55 1.63 0.00	42.33 1.43 0.00	42.20 1.39 0.00	42.47 1.48 0.00	45.16 2.11 0.00	49.61 2.50 0.00	60.35 3.84 0.00	59.72 3.59 0.00	52.48 2.78 0.00	48.78 2.59 0.00	45.29 2.20 0.00	42.13 1.85 0.00	38.09 1.43 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	47.93 3.86 -11.88	41.77 3.62 -6.44	39.31 3.59 -4.26	38.71 3.45 -4.77	39.71 3.63 -3.96	44.66 3.69 -8.33	54.58 5.02 -5.11	56.81 6.37 -2.17	56.49 6.44 -1.99	54.44 6.14 -2.11	55.80 5.32 -7.95	53.15 5.11 -5.12	49.66 4.62 -4.15	48.24 4.57 -2.85	51.49 4.67 -5.82	56.31 5.68 -7.58	59.30 6.60 -5.59	78.08 9.10 -12.47	69.16 8.53 -4.50	63.44 7.26 -6.48	59.12 6.42 -6.50	56.56 5.56 -7.91	53.58 4.59 -8.71	49.42 4.22 -8.54
DELAWARE___LFGE 323621	33.22 1.03 0.00	32.70 0.98 0.00	32.47 1.01 0.00	31.47 0.98 0.00	33.21 1.09 0.00	33.72 1.08 0.00	46.09 1.64 0.00	50.39 2.12 0.00	50.17 2.11 0.00	48.22 2.03 0.00	44.24 1.70 0.00	44.55 1.63 0.00	42.37 1.47 0.00	42.29 1.47 0.00	42.43 1.43 0.00	44.81 1.77 0.00	49.18 2.07 0.00	59.50 3.00 0.00	58.82 2.69 0.00	51.94 2.24 0.00	48.28 2.08 0.00	44.99 1.90 0.00	41.69 1.41 0.00	37.87 1.21 0.00
DERFIELD_115KV_TB7 355931	32.38 0.19 0.00	31.87 0.16 0.00	31.62 0.16 0.00	30.67 0.18 0.00	32.31 0.19 0.00	32.84 0.20 0.00	44.76 0.31 0.00	48.75 0.48 0.00	48.54 0.48 0.00	46.65 0.46 0.00	42.88 0.34 0.00	43.22 0.30 0.00	41.14 0.25 0.00	41.06 0.24 0.00	41.24 0.25 0.00	43.39 0.34 0.00	47.53 0.42 0.00	57.24 0.73 0.00	56.74 0.62 0.00	50.20 0.50 0.00	46.66 0.46 0.00	43.48 0.39 0.00	40.52 0.24 0.00	36.85 0.18 0.00
DOGLEVILLE___HYD 23807	32.67 0.48 0.00	32.16 0.44 0.00	31.90 0.44 0.00	30.92 0.43 0.00	32.60 0.48 0.00	33.13 0.49 0.00	45.20 0.75 0.00	49.18 0.91 0.00	49.02 0.96 0.00	47.16 0.97 0.00	43.39 0.85 0.00	43.78 0.86 0.00	41.67 0.78 0.00	41.55 0.74 0.00	41.73 0.74 0.00	44.00 0.95 0.00	48.19 1.08 0.00	58.15 1.64 0.00	57.64 1.52 0.00	50.94 1.24 0.00	47.35 1.16 0.00	44.26 1.16 0.00	41.21 0.93 0.00	37.51 0.84 0.00
DUNKIRK___115KV_TB_200 55889	31.35 -0.84 0.00	31.02 -0.70 0.00	30.52 -0.94 0.00	29.61 -0.88 0.00	31.29 -0.84 0.00	31.76 -0.88 0.00	42.67 -1.78 0.00	45.90 -2.36 0.00	45.80 -2.26 0.00	44.62 -1.57 0.00	41.52 -1.02 0.00	42.02 -0.90 0.00	40.16 -0.74 0.00	40.25 -0.57 0.00	40.38 -0.61 0.00	42.06 -0.99 0.00	46.36 -0.75 0.00	56.00 -0.51 0.00	54.50 -1.63 0.00	47.96 -1.74 0.00	44.49 -1.71 0.00	41.72 -1.38 0.00	38.35 -1.93 0.00	35.71 -0.95 0.00
DUNKIRK___1 23563	31.35 -0.84 0.00	31.02 -0.70 0.00	30.52 -0.94 0.00	29.61 -0.88 0.00	31.29 -0.84 0.00	31.76 -0.88 0.00	42.67 -1.78 0.00	45.90 -2.36 0.00	45.80 -2.26 0.00	44.62 -1.57 0.00	41.52 -1.02 0.00	42.02 -0.90 0.00	40.16 -0.74 0.00	40.25 -0.57 0.00	40.38 -0.61 0.00	42.06 -0.99 0.00	46.36 -0.75 0.00	56.00 -0.51 0.00	54.50 -1.63 0.00	47.96 -1.74 0.00	44.49 -1.71 0.00	41.72 -1.38 0.00	38.35 -1.93 0.00	35.71 -0.95 0.00
DUNKIRK___2 23564	31.35 -0.84 0.00	31.02 -0.70 0.00	30.52 -0.94 0.00	29.61 -0.88 0.00	31.29 -0.84 0.00	31.76 -0.88 0.00	42.67 -1.78 0.00	45.90 -2.36 0.00	45.80 -2.26 0.00	44.62 -1.57 0.00	41.52 -1.02 0.00	42.02 -0.90 0.00	40.16 -0.74 0.00	40.25 -0.57 0.00	40.38 -0.61 0.00	42.06 -0.99 0.00	46.36 -0.75 0.00	56.00 -0.51 0.00	54.50 -1.63 0.00	47.96 -1.74 0.00	44.49 -1.71 0.00	41.72 -1.38 0.00	38.35 -1.93 0.00	35.71 -0.95 0.00
DUNKIRK___3 23565	31.22 -0.97 0.00	30.92 -0.79 0.00	30.39 -1.07 0.00	29.48 -1.01 0.00	31.16 -0.96 0.00	31.60 -1.04 0.00	42.40 -2.04 0.00	45.66 -2.61 0.00	45.51 -2.55 0.00	44.34 -1.85 0.00	41.26 -1.28 0.00	41.76 -1.16 0.00	39.91 -0.98 0.00	39.96 -0.86 0.00	40.09 -0.90 0.00	41.84 -1.21 0.00	46.07 -1.04 0.00	55.66 -0.85 0.00	54.16 -1.96 0.00	47.71 -1.99 0.00	44.30 -1.89 0.00	41.50 -1.59 0.00	38.23 -2.05 0.00	35.60 -1.06 0.00
DUNKIRK___4 23566	31.22 -0.97 0.00	30.92 -0.79 0.00	30.39 -1.07 0.00	29.51 -0.98 0.00	31.16 -0.96 0.00	31.63 -1.01 0.00	42.40 -2.04 0.00	45.66 -2.61 0.00	45.56 -2.50 0.00	44.44 -1.76 0.00	41.35 -1.19 0.00	41.85 -1.07 0.00	40.00 -0.90 0.00	40.04 -0.78 0.00	40.17 -0.82 0.00	41.93 -1.12 0.00	46.17 -0.94 0.00	55.78 -0.73 0.00	54.27 -1.85 0.00	47.81 -1.89 0.00	44.35 -1.85 0.00	41.54 -1.55 0.00	38.23 -2.05 0.00	35.60 -1.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.86 1.67 0.00	33.24 1.52 0.00	32.97 1.51 0.00	31.92 1.43 0.00	33.66 1.54 0.00	34.15 1.50 0.00	46.76 2.31 0.00	51.64 3.38 0.00	51.32 3.27 0.00	49.29 3.09 0.00	45.05 2.51 0.00	45.32 2.40 0.00	43.06 2.17 0.00	42.94 2.12 0.00	43.08 2.09 0.00	45.80 2.76 0.00	50.12 3.02 0.00	61.03 4.52 0.00	60.17 4.04 0.00	53.03 3.33 0.00	49.29 3.10 0.00	45.85 2.76 0.00	42.46 2.18 0.00	38.39 1.72 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.76 1.58 0.00	33.14 1.43 0.00	32.91 1.45 0.00	31.86 1.37 0.00	33.60 1.48 0.00	34.08 1.44 0.00	46.67 2.22 0.00	51.21 2.94 0.00	50.89 2.84 0.00	48.83 2.63 0.00	44.50 1.96 0.00	44.72 1.80 0.00	42.49 1.59 0.00	42.41 1.59 0.00	42.59 1.60 0.00	45.24 2.20 0.00	49.70 2.59 0.00	60.41 3.90 0.00	59.72 3.59 0.00	52.58 2.88 0.00	48.88 2.68 0.00	45.42 2.33 0.00	42.17 1.89 0.00	38.17 1.50 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.26 2.06 -0.01	33.59 1.87 0.00	33.25 1.79 0.00	32.17 1.68 0.00	33.95 1.83 0.00	34.34 1.70 0.00	46.76 2.31 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.05 2.51 0.00	45.41 2.49 0.00	43.14 2.25 0.00	42.94 2.12 0.00	43.08 2.09 0.00	45.93 2.88 0.00	50.12 3.02 0.00	61.20 4.69 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.29 3.10 0.00	46.07 2.97 0.00	42.86 2.58 0.00	38.72 2.05 0.00
E179THST_13_KV_LOAD 356214	34.38 2.19 -0.01	33.68 1.97 0.00	33.35 1.89 0.00	32.26 1.77 0.00	34.08 1.96 0.00	34.44 1.80 0.00	46.93 2.49 0.00	51.98 3.72 0.00	51.56 3.51 0.00	49.56 3.37 0.00	45.26 2.72 0.00	45.63 2.70 0.00	43.35 2.45 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.19 3.14 0.00	50.41 3.30 0.00	61.54 5.03 0.00	60.67 4.55 0.00	53.38 3.68 0.00	49.52 3.33 0.00	46.29 3.19 0.00	43.06 2.78 0.00	38.86 2.20 0.00
EAST HAMPTON___GT 23717	48.32 4.25 -11.89	42.16 4.00 -6.45	39.70 3.96 -4.27	39.08 3.81 -4.78	40.11 4.01 -3.97	45.03 4.05 -8.34	55.21 5.65 -5.12	57.58 7.14 -2.18	57.31 7.26 -2.00	55.10 6.79 -2.11	56.28 5.78 -7.95	53.63 5.58 -5.13	50.12 5.07 -4.15	48.77 5.10 -2.86	51.99 5.16 -5.83	56.92 6.29 -7.59	59.96 7.25 -5.60	79.05 10.06 -12.48	70.06 9.43 -4.51	64.19 8.00 -6.49	59.81 7.11 -6.51	57.26 6.25 -7.91	54.07 5.08 -8.71	49.87 4.66 -8.55
EAST RIVER___6 23660	33.86 1.67 0.00	33.24 1.52 0.00	32.94 1.48 0.00	31.86 1.37 0.00	33.63 1.51 0.00	34.08 1.43 0.00	46.80 2.35 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.56 3.37 0.00	45.14 2.60 0.00	45.54 2.62 0.00	43.22 2.33 0.00	43.18 2.37 0.00	43.24 2.25 0.00	46.06 3.01 0.00	50.27 3.16 0.00	61.37 4.86 0.00	60.45 4.32 0.00	53.18 3.48 0.00	49.38 3.19 0.00	46.07 2.97 0.00	42.53 2.25 0.00	38.42 1.76 0.00
EAST RIVER___7 23524	33.86 1.67 0.00	33.24 1.52 0.00	32.94 1.48 0.00	31.86 1.37 0.00	33.63 1.51 0.00	34.08 1.43 0.00	46.80 2.35 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.56 3.37 0.00	45.14 2.60 0.00	45.54 2.62 0.00	43.22 2.33 0.00	43.18 2.37 0.00	43.24 2.25 0.00	46.06 3.01 0.00	50.27 3.16 0.00	61.37 4.86 0.00	60.45 4.32 0.00	53.18 3.48 0.00	49.38 3.19 0.00	46.07 2.97 0.00	42.53 2.25 0.00	38.42 1.76 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.80 1.61 0.00	33.21 1.49 0.00	32.94 1.48 0.00	31.89 1.40 0.00	33.63 1.51 0.00	34.08 1.44 0.00	46.71 2.27 0.00	51.54 3.28 0.00	51.18 3.12 0.00	49.19 3.00 0.00	44.92 2.38 0.00	45.24 2.32 0.00	42.98 2.09 0.00	42.86 2.04 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.03 2.92 0.00	60.86 4.35 0.00	60.05 3.93 0.00	52.88 3.18 0.00	49.20 3.00 0.00	45.77 2.67 0.00	42.37 2.09 0.00	38.35 1.69 0.00
EAST_HAMPTON___DIESEL 23722	48.32 4.25 -11.89	42.16 4.00 -6.45	39.70 3.96 -4.27	39.08 3.81 -4.78	40.11 4.01 -3.97	45.03 4.05 -8.34	55.25 5.69 -5.12	57.58 7.14 -2.18	57.31 7.26 -2.00	55.10 6.79 -2.11	56.28 5.78 -7.95	53.63 5.58 -5.13	50.12 5.07 -4.15	48.77 5.10 -2.86	51.99 5.16 -5.83	56.97 6.33 -7.59	59.96 7.25 -5.60	79.05 10.06 -12.48	70.06 9.43 -4.51	64.19 8.00 -6.49	59.81 7.11 -6.51	57.30 6.29 -7.91	54.11 5.12 -8.71	49.91 4.69 -8.55
EAST_PULASKI___ESR 323781	31.51 -0.68 0.00	31.02 -0.70 0.00	30.74 -0.72 0.00	29.82 -0.67 0.00	31.45 -0.67 0.00	32.06 -0.59 0.00	43.47 -0.98 0.00	47.30 -0.97 0.00	47.05 -1.01 0.00	45.31 -0.88 0.00	41.69 -0.85 0.00	42.06 -0.86 0.00	40.00 -0.90 0.00	39.96 -0.86 0.00	40.13 -0.86 0.00	42.19 -0.86 0.00	46.36 -0.75 0.00	56.00 -0.51 0.00	55.45 -0.67 0.00	48.95 -0.75 0.00	45.50 -0.69 0.00	42.45 -0.65 0.00	39.51 -0.77 0.00	35.97 -0.70 0.00
EAST_RIVER___1 323558	33.92 1.74 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.84 2.40 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.56 3.37 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.22 2.33 0.00	43.18 2.37 0.00	43.24 2.25 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.31 4.80 0.00	60.39 4.26 0.00	53.13 3.43 0.00	49.43 3.23 0.00	46.16 3.06 0.00	42.62 2.34 0.00	38.53 1.87 0.00
EAST_RIVER___2 323559	33.86 1.67 0.00	33.24 1.52 0.00	32.94 1.48 0.00	31.86 1.37 0.00	33.63 1.51 0.00	34.08 1.43 0.00	46.80 2.35 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.56 3.37 0.00	45.14 2.60 0.00	45.54 2.62 0.00	43.22 2.33 0.00	43.18 2.37 0.00	43.24 2.25 0.00	46.06 3.01 0.00	50.27 3.16 0.00	61.37 4.86 0.00	60.45 4.32 0.00	53.18 3.48 0.00	49.38 3.19 0.00	46.07 2.97 0.00	42.53 2.25 0.00	38.42 1.76 0.00
EAST___DELAWARE_HYD 23607	33.73 1.54 0.00	33.11 1.39 0.00	32.88 1.42 0.00	31.83 1.34 0.00	33.63 1.51 0.00	34.11 1.47 0.00	46.84 2.40 0.00	51.21 2.94 0.00	50.84 2.79 0.00	48.68 2.49 0.00	44.16 1.62 0.00	44.42 1.50 0.00	42.16 1.27 0.00	42.12 1.31 0.00	42.34 1.35 0.00	45.03 1.98 0.00	49.60 2.50 0.00	60.41 3.90 0.00	59.89 3.76 0.00	52.53 2.83 0.00	48.83 2.63 0.00	45.34 2.24 0.00	42.09 1.81 0.00	38.09 1.43 0.00
EIGHT_POINT___WT_PWR 323820	31.74 -0.45 0.00	31.40 -0.32 0.00	30.99 -0.47 0.00	30.06 -0.43 0.00	31.77 -0.35 0.00	32.38 -0.26 0.00	43.78 -0.67 0.00	47.69 -0.58 0.00	47.62 -0.43 0.00	45.92 -0.28 0.00	42.37 -0.17 0.00	42.88 -0.04 0.00	40.85 -0.04 0.00	40.74 -0.08 0.00	41.12 0.12 0.00	43.65 0.60 0.00	48.14 1.04 0.00	58.20 1.69 0.00	57.08 0.95 0.00	50.30 0.60 0.00	46.61 0.41 0.00	43.27 0.17 0.00	40.08 -0.20 0.00	37.07 0.40 0.00
ELBRIDGE_115KV_TB2 80188	31.54 -0.64 0.00	31.11 -0.60 0.00	30.83 -0.63 0.00	29.88 -0.61 0.00	31.51 -0.61 0.00	32.06 -0.59 0.00	43.65 -0.80 0.00	47.59 -0.68 0.00	47.38 -0.67 0.00	45.59 -0.60 0.00	41.99 -0.55 0.00	42.36 -0.56 0.00	40.32 -0.57 0.00	40.25 -0.57 0.00	40.42 -0.57 0.00	42.53 -0.52 0.00	46.73 -0.38 0.00	56.34 -0.17 0.00	55.68 -0.45 0.00	49.15 -0.55 0.00	45.64 -0.55 0.00	42.54 -0.56 0.00	39.43 -0.85 0.00	36.00 -0.66 0.00
ELEC_TRO_TEK 24086	46.22 2.16 -11.88	40.18 2.03 -6.44	37.71 1.98 -4.26	37.15 1.89 -4.77	38.11 2.02 -3.96	42.97 1.99 -8.33	52.53 2.98 -5.11	54.49 4.05 -2.17	53.99 3.94 -1.99	52.04 3.74 -2.11	53.59 3.11 -7.95	51.09 3.05 -5.12	47.82 2.78 -4.15	46.40 2.73 -2.85	49.52 2.71 -5.82	53.99 3.36 -7.58	56.43 3.72 -5.59	74.34 5.37 -12.46	65.50 4.88 -4.49	60.20 4.03 -6.47	56.44 3.74 -6.50	54.36 3.36 -7.91	51.77 2.78 -8.71	47.48 2.27 -8.54
ELLENBURG_WT_PWR 323604	32.80 0.61 0.00	32.45 0.73 0.00	32.03 0.57 0.00	30.89 0.40 0.00	32.54 0.42 0.00	33.13 0.49 0.00	45.20 0.75 0.00	48.55 0.29 0.00	48.39 0.34 0.00	46.33 0.14 0.00	42.97 0.43 0.00	43.14 0.22 0.00	41.22 0.33 0.00	41.22 0.41 0.00	41.57 0.57 0.00	43.39 0.34 0.00	47.53 0.42 0.00	56.00 -0.51 0.00	55.96 -0.17 0.00	50.49 0.79 0.00	46.98 0.78 0.00	43.91 0.82 0.00	41.53 1.25 0.00	38.20 1.54 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.71 -1.48 0.00	30.42 -1.30 0.00	29.92 -1.54 0.00	29.03 -1.46 0.00	30.61 -1.51 0.00	31.04 -1.60 0.00	41.56 -2.89 0.00	44.69 -3.57 0.00	44.60 -3.46 0.00	43.56 -2.63 0.00	40.54 -2.00 0.00	41.08 -1.85 0.00	39.26 -1.64 0.00	39.35 -1.47 0.00	39.43 -1.56 0.00	41.11 -1.94 0.00	45.23 -1.88 0.00	54.53 -1.98 0.00	53.15 -2.97 0.00	46.77 -2.93 0.00	43.38 -2.82 0.00	40.73 -2.37 0.00	37.50 -2.78 0.00	34.98 -1.69 0.00
EMPIRE_CC_1 323656	33.25 1.06 0.00	32.73 1.01 0.00	32.47 1.01 0.00	31.50 1.00 0.00	33.12 1.00 0.00	33.62 0.98 0.00	45.87 1.42 0.00	50.05 1.79 0.00	49.88 1.83 0.00	47.90 1.71 0.00	43.81 1.28 0.00	44.17 1.25 0.00	42.00 1.10 0.00	41.92 1.10 0.00	42.02 1.03 0.00	44.43 1.38 0.00	48.76 1.65 0.00	58.99 2.48 0.00	58.31 2.19 0.00	51.44 1.74 0.00	47.91 1.71 0.00	44.78 1.68 0.00	41.49 1.21 0.00	37.69 1.03 0.00
EMPIRE_CC_2 323658	33.25 1.06 0.00	32.73 1.01 0.00	32.47 1.01 0.00	31.50 1.00 0.00	33.12 1.00 0.00	33.62 0.98 0.00	45.87 1.42 0.00	50.05 1.79 0.00	49.88 1.83 0.00	47.90 1.71 0.00	43.81 1.28 0.00	44.17 1.25 0.00	42.00 1.10 0.00	41.92 1.10 0.00	42.02 1.03 0.00	44.43 1.38 0.00	48.76 1.65 0.00	58.99 2.48 0.00	58.31 2.19 0.00	51.44 1.74 0.00	47.91 1.71 0.00	44.78 1.68 0.00	41.49 1.21 0.00	37.69 1.03 0.00
ENORWICH_115KV_TB1 80156	34.38 2.19 0.00	33.87 2.16 0.00	33.54 2.08 0.00	32.59 2.10 0.00	34.50 2.38 0.00	35.39 2.74 0.00	48.54 4.09 0.00	53.19 4.92 0.00	52.91 4.85 0.00	50.67 4.48 0.00	46.54 4.00 0.00	46.87 3.95 0.00	44.53 3.64 0.00	44.41 3.59 0.00	44.60 3.61 0.00	47.22 4.18 0.00	52.34 5.23 0.00	63.86 7.35 0.00	63.09 6.96 0.00	55.61 5.91 0.00	51.56 5.36 0.00	47.97 4.87 0.00	43.99 3.71 0.00	39.96 3.30 0.00
ERIE_ST__34_KV_TB1-2 80199	31.35 -0.84 0.00	31.05 -0.67 0.00	30.52 -0.94 0.00	29.61 -0.88 0.00	31.25 -0.87 0.00	31.73 -0.91 0.00	42.49 -1.96 0.00	45.90 -2.36 0.00	45.75 -2.31 0.00	44.58 -1.62 0.00	41.48 -1.06 0.00	41.98 -0.94 0.00	40.12 -0.78 0.00	40.20 -0.61 0.00	40.34 -0.66 0.00	42.10 -0.95 0.00	46.36 -0.75 0.00	56.00 -0.51 0.00	54.50 -1.63 0.00	48.01 -1.69 0.00	44.53 -1.66 0.00	41.76 -1.34 0.00	38.43 -1.85 0.00	35.82 -0.84 0.00
ERIE_WT_PWR 323693	31.03 -1.16 0.00	30.70 -1.02 0.00	30.20 -1.26 0.00	29.30 -1.19 0.00	30.93 -1.19 0.00	31.37 -1.27 0.00	42.22 -2.22 0.00	45.70 -2.56 0.00	45.85 -2.21 0.00	44.30 -1.90 0.00	40.97 -1.57 0.00	41.55 -1.38 0.00	39.67 -1.23 0.00	39.51 -1.31 0.00	39.84 -1.15 0.00	41.67 -1.38 0.00	45.70 -1.41 0.00	55.10 -1.41 0.00	53.77 -2.36 0.00	47.37 -2.34 0.00	43.93 -2.26 0.00	40.77 -2.33 0.00	37.94 -2.34 0.00	35.42 -1.25 0.00
ESPRGFLD_115KV_TB1 80157	33.80 1.61 0.00	33.33 1.62 0.00	33.07 1.60 0.00	32.05 1.56 0.00	33.82 1.70 0.00	34.50 1.86 0.00	47.29 2.84 0.00	51.50 3.23 0.00	51.32 3.27 0.00	49.24 3.05 0.00	45.18 2.64 0.00	45.45 2.53 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.25 2.25 0.00	45.80 2.76 0.00	50.41 3.30 0.00	61.14 4.63 0.00	60.45 4.32 0.00	53.43 3.73 0.00	49.62 3.42 0.00	46.20 3.10 0.00	42.58 2.30 0.00	38.75 2.09 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.54 0.35 0.00	32.10 0.38 0.00	31.81 0.35 0.00	30.86 0.37 0.00	32.57 0.45 0.00	33.17 0.52 0.00	45.25 0.80 0.00	49.37 1.11 0.00	49.11 1.06 0.00	47.25 1.06 0.00	43.48 0.94 0.00	43.78 0.86 0.00	41.63 0.74 0.00	41.55 0.73 0.00	41.73 0.74 0.00	44.08 1.03 0.00	48.57 1.46 0.00	58.77 2.26 0.00	58.03 1.91 0.00	51.19 1.49 0.00	47.54 1.34 0.00	44.26 1.16 0.00	40.88 0.60 0.00	37.32 0.66 0.00
ETNA____115KV_TB2 80207	32.54 0.35 0.00	32.10 0.38 0.00	31.81 0.35 0.00	30.86 0.37 0.00	32.57 0.45 0.00	33.17 0.52 0.00	45.25 0.80 0.00	49.37 1.11 0.00	49.11 1.06 0.00	47.25 1.06 0.00	43.48 0.94 0.00	43.78 0.86 0.00	41.63 0.74 0.00	41.55 0.73 0.00	41.73 0.74 0.00	44.08 1.03 0.00	48.57 1.46 0.00	58.77 2.26 0.00	58.03 1.91 0.00	51.19 1.49 0.00	47.54 1.34 0.00	44.26 1.16 0.00	40.88 0.60 0.00	37.32 0.66 0.00
EUCLID___115KV_TB2 356179	31.32 -0.87 0.00	30.89 -0.82 0.00	30.61 -0.85 0.00	29.70 -0.79 0.00	31.29 -0.84 0.00	31.83 -0.82 0.00	43.29 -1.16 0.00	47.15 -1.11 0.00	46.95 -1.11 0.00	45.22 -0.97 0.00	41.65 -0.89 0.00	41.98 -0.94 0.00	40.00 -0.90 0.00	39.92 -0.90 0.00	40.09 -0.90 0.00	42.15 -0.90 0.00	46.26 -0.85 0.00	55.72 -0.79 0.00	55.12 -1.01 0.00	48.66 -1.04 0.00	45.18 -1.02 0.00	42.15 -0.95 0.00	39.11 -1.17 0.00	35.71 -0.95 0.00
E_CANADA_CAP_HY 24051	34.15 1.96 0.00	33.72 2.00 0.00	33.44 1.98 0.00	32.41 1.92 0.00	34.08 1.96 0.00	34.83 2.19 0.00	47.92 3.47 0.00	51.93 3.67 0.00	51.85 3.80 0.00	49.66 3.47 0.00	45.39 2.85 0.00	45.63 2.71 0.00	43.47 2.58 0.00	43.31 2.49 0.00	43.45 2.46 0.00	46.11 3.06 0.00	50.79 3.68 0.00	61.60 5.09 0.00	60.89 4.77 0.00	53.88 4.18 0.00	50.08 3.88 0.00	46.76 3.66 0.00	42.98 2.70 0.00	39.05 2.38 0.00
E_CANADA_MHWK_HY 24050	32.67 0.48 0.00	32.16 0.44 0.00	31.90 0.44 0.00	30.92 0.43 0.00	32.60 0.48 0.00	33.13 0.49 0.00	45.20 0.75 0.00	49.18 0.91 0.00	49.02 0.96 0.00	47.16 0.97 0.00	43.39 0.85 0.00	43.78 0.86 0.00	41.67 0.78 0.00	41.55 0.74 0.00	41.73 0.74 0.00	44.00 0.95 0.00	48.19 1.08 0.00	58.15 1.64 0.00	57.64 1.52 0.00	50.94 1.24 0.00	47.35 1.16 0.00	44.26 1.16 0.00	41.21 0.93 0.00	37.51 0.84 0.00
E_FISHKILL___LBMP 23776	33.67 1.48 0.00	33.08 1.36 0.00	32.81 1.35 0.00	31.80 1.31 0.00	33.50 1.38 0.00	33.98 1.34 0.00	46.53 2.09 0.00	51.16 2.90 0.00	50.89 2.84 0.00	48.87 2.68 0.00	44.67 2.13 0.00	44.94 2.02 0.00	42.69 1.80 0.00	42.57 1.76 0.00	42.75 1.76 0.00	45.37 2.32 0.00	49.70 2.59 0.00	60.35 3.84 0.00	59.61 3.48 0.00	52.53 2.83 0.00	48.88 2.68 0.00	45.47 2.37 0.00	42.17 1.89 0.00	38.17 1.50 0.00
FALCON___SEABRD_CC1 323796	33.06 0.87 0.00	32.73 1.01 0.00	32.28 0.82 0.00	31.16 0.67 0.00	32.83 0.71 0.00	33.46 0.82 0.00	45.69 1.24 0.00	49.03 0.77 0.00	48.87 0.82 0.00	46.79 0.60 0.00	43.35 0.81 0.00	43.52 0.60 0.00	41.59 0.69 0.00	41.59 0.77 0.00	41.97 0.98 0.00	43.82 0.78 0.00	48.00 0.89 0.00	56.17 -0.34 0.00	56.18 0.06 0.00	51.04 1.34 0.00	47.44 1.25 0.00	44.35 1.25 0.00	41.93 1.65 0.00	38.75 2.09 0.00
FALCON___SEABRD_CC2 323797	33.06 0.87 0.00	32.73 1.01 0.00	32.28 0.82 0.00	31.16 0.67 0.00	32.83 0.71 0.00	33.46 0.82 0.00	45.69 1.24 0.00	49.03 0.77 0.00	48.87 0.82 0.00	46.79 0.60 0.00	43.35 0.81 0.00	43.52 0.60 0.00	41.59 0.69 0.00	41.59 0.77 0.00	41.97 0.98 0.00	43.82 0.78 0.00	48.00 0.89 0.00	56.17 -0.34 0.00	56.18 0.06 0.00	51.04 1.34 0.00	47.44 1.25 0.00	44.35 1.25 0.00	41.93 1.65 0.00	38.75 2.09 0.00

FAR ROCKAWAY___4 23548	46.67 2.61 -11.88	40.60 2.44 -6.44	38.15 2.42 -4.26	37.58 2.32 -4.77	38.53 2.44 -3.96	43.39 2.42 -8.33	53.20 3.64 -5.11	55.26 4.83 -2.17	54.71 4.66 -1.99	52.69 4.39 -2.11	54.19 3.70 -7.95	51.65 3.61 -5.12	48.35 3.31 -4.15	46.93 3.27 -2.85	50.05 3.24 -5.82	54.59 3.96 -7.58	57.13 4.43 -5.59	74.74 5.76 -12.46	65.90 5.28 -4.49	61.04 4.87 -6.47	57.22 4.53 -6.50	55.05 4.05 -7.91	52.29 3.30 -8.71	47.99 2.79 -8.54
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.99 1.80 0.00	33.37 1.65 0.00	33.07 1.60 0.00	32.02 1.52 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.89 2.44 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.47 3.28 0.00	45.22 2.68 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.06 3.01 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.18 3.48 0.00	49.48 3.28 0.00	46.03 2.93 0.00	42.66 2.38 0.00	38.53 1.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.99 1.80 0.00	33.37 1.65 0.00	33.07 1.60 0.00	32.02 1.52 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.89 2.44 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.47 3.28 0.00	45.22 2.68 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.06 3.01 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.23 3.53 0.00	49.48 3.28 0.00	46.07 2.97 0.00	42.66 2.38 0.00	38.53 1.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.47 3.28 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.23 2.33 0.00	43.10 2.29 0.00	43.25 2.25 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.43 3.23 0.00	46.03 2.93 0.00	42.66 2.38 0.00	38.53 1.87 0.00
FARRAGUT___LBMP 323566	33.93 1.74 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.95 1.46 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	45.98 2.93 0.00	50.22 3.11 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
FENNER___WINDPWR 24204	32.64 0.45 0.00	32.16 0.44 0.00	31.90 0.44 0.00	30.95 0.46 0.00	32.67 0.55 0.00	33.30 0.65 0.00	45.47 1.02 0.00	49.61 1.35 0.00	49.40 1.34 0.00	47.44 1.25 0.00	43.56 1.02 0.00	43.91 0.99 0.00	41.75 0.86 0.00	41.68 0.86 0.00	41.85 0.86 0.00	44.13 1.08 0.00	48.48 1.37 0.00	58.49 1.98 0.00	57.87 1.74 0.00	51.09 1.39 0.00	47.49 1.29 0.00	44.17 1.08 0.00	40.96 0.68 0.00	37.32 0.66 0.00
FIBERTEK___ENERGY 23856	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.64 -0.48 0.00	32.22 -0.42 0.00	43.82 -0.62 0.00	47.78 -0.48 0.00	47.57 -0.48 0.00	45.82 -0.37 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.58 -0.41 0.00	42.70 -0.34 0.00	46.92 -0.19 0.00	56.51 0.00 0.00	55.90 -0.22 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	39.64 -0.64 0.00	36.15 -0.51 0.00
FITZPATRICK___ 23598	30.90 -1.29 0.00	30.48 -1.24 0.00	30.20 -1.26 0.00	29.30 -1.19 0.00	30.87 -1.25 0.00	31.40 -1.24 0.00	42.71 -1.73 0.00	46.53 -1.74 0.00	46.33 -1.73 0.00	44.57 -1.62 0.00	41.01 -1.53 0.00	41.38 -1.54 0.00	39.38 -1.51 0.00	39.31 -1.51 0.00	39.48 -1.52 0.00	41.54 -1.51 0.00	45.51 -1.60 0.00	54.76 -1.75 0.00	54.22 -1.91 0.00	47.91 -1.79 0.00	44.54 -1.66 0.00	41.50 -1.59 0.00	38.67 -1.61 0.00	35.23 -1.43 0.00
FLOWRFLD_69_KV_BK1 356044	46.96 2.90 -11.88	40.88 2.73 -6.44	38.40 2.67 -4.26	37.83 2.56 -4.77	38.82 2.73 -3.96	43.72 2.74 -8.33	53.60 4.04 -5.11	55.65 5.21 -2.17	55.19 5.14 -1.99	53.20 4.90 -2.11	54.57 4.08 -7.95	52.03 3.99 -5.12	48.64 3.60 -4.15	47.21 3.55 -2.85	50.46 3.65 -5.82	55.11 4.48 -7.58	57.74 5.04 -5.59	75.88 6.89 -12.48	67.09 6.45 -4.51	61.56 5.37 -6.49	57.68 4.99 -6.50	55.48 4.48 -7.91	52.65 3.67 -8.71	48.36 3.15 -8.54
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.22 2.03 0.00	33.62 1.90 0.00	33.38 1.92 0.00	32.32 1.83 0.00	34.08 1.96 0.00	34.57 1.93 0.00	47.38 2.93 0.00	51.93 3.67 0.00	51.61 3.56 0.00	49.47 3.28 0.00	44.96 2.42 0.00	45.20 2.27 0.00	42.90 2.00 0.00	42.78 1.96 0.00	43.04 2.05 0.00	45.76 2.71 0.00	50.31 3.20 0.00	61.26 4.75 0.00	60.62 4.49 0.00	53.28 3.58 0.00	49.52 3.33 0.00	45.94 2.84 0.00	42.66 2.38 0.00	38.61 1.94 0.00
FORT ORANGE___ 23900	33.02 0.84 0.00	32.51 0.79 0.00	32.28 0.82 0.00	31.34 0.85 0.00	32.89 0.77 0.00	33.43 0.78 0.00	45.47 1.02 0.00	49.57 1.30 0.00	49.40 1.34 0.00	47.39 1.20 0.00	43.31 0.77 0.00	43.61 0.68 0.00	41.47 0.57 0.00	41.35 0.53 0.00	41.49 0.49 0.00	43.87 0.82 0.00	48.29 1.18 0.00	58.26 1.75 0.00	57.64 1.52 0.00	50.94 1.24 0.00	47.40 1.20 0.00	44.21 1.12 0.00	41.01 0.73 0.00	37.25 0.58 0.00
FORT_DRUM_COGEN 23780	32.09 -0.10 0.00	31.56 -0.16 0.00	31.27 -0.19 0.00	30.37 -0.12 0.00	32.12 0.00 0.00	32.87 0.23 0.00	44.89 0.44 0.00	48.84 0.58 0.00	48.49 0.43 0.00	46.47 0.28 0.00	42.71 0.17 0.00	42.96 0.04 0.00	40.85 -0.04 0.00	40.82 0.00 0.00	41.03 0.04 0.00	43.26 0.22 0.00	47.72 0.61 0.00	57.87 1.36 0.00	57.47 1.35 0.00	50.74 1.04 0.00	47.12 0.92 0.00	43.83 0.73 0.00	40.60 0.32 0.00	36.85 0.18 0.00
FOX_HILLS___ESR 323835	34.22 2.03 -0.01	33.56 1.84 0.00	33.22 1.76 0.00	32.11 1.62 0.00	33.92 1.80 0.00	34.31 1.66 0.00	46.93 2.49 0.00	52.03 3.76 0.00	51.61 3.56 0.00	49.61 3.42 0.00	45.26 2.72 0.00	45.63 2.70 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	95.71 3.19 -49.48	50.45 3.34 0.00	100.15 5.03 -38.61	106.66 4.55 -45.99	96.02 3.68 -42.64	49.57 3.37 0.00	46.24 3.15 0.00	42.92 2.62 -0.02	38.72 2.05 0.00
FPL_FAR_ROCK_GT1 24212	46.68 2.61 -11.89	40.60 2.44 -6.45	38.15 2.42 -4.27	37.59 2.32 -4.78	38.53 2.44 -3.97	43.40 2.42 -8.34	52.67 3.11 -5.12	54.74 4.29 -2.18	54.24 4.18 -2.00	52.28 3.97 -2.11	54.15 3.66 -7.95	51.65 3.61 -5.13	48.36 3.31 -4.15	47.02 3.35 -2.86	50.06 3.24 -5.83	54.64 4.00 -7.59	57.14 4.43 -5.60	74.80 5.82 -12.47	65.96 5.33 -4.50	61.05 4.87 -6.48	57.23 4.53 -6.51	55.19 4.18 -7.91	52.30 3.30 -8.71	48.00 2.79 -8.55
FPL_FAR_ROCK_GT2 23815	46.68 2.61 -11.89	40.60 2.44 -6.45	38.15 2.42 -4.27	37.59 2.32 -4.78	38.53 2.44 -3.97	43.40 2.42 -8.34	52.67 3.11 -5.12	54.74 4.29 -2.18	54.24 4.18 -2.00	52.28 3.97 -2.11	54.15 3.66 -7.95	51.65 3.61 -5.13	48.36 3.31 -4.15	47.02 3.35 -2.86	50.06 3.24 -5.83	54.64 4.00 -7.59	57.14 4.43 -5.60	74.80 5.82 -12.47	65.96 5.33 -4.50	61.05 4.87 -6.48	57.23 4.53 -6.51	55.19 4.18 -7.91	52.30 3.30 -8.71	48.00 2.79 -8.55

FRANKLIN_FALL_HYD 24054	32.86 0.68 0.00	32.54 0.82 0.00	32.12 0.66 0.00	31.04 0.55 0.00	32.73 0.61 0.00	33.36 0.72 0.00	45.47 1.02 0.00	48.94 0.68 0.00	48.87 0.82 0.00	46.75 0.55 0.00	43.35 0.81 0.00	43.56 0.64 0.00	41.63 0.74 0.00	41.59 0.78 0.00	41.98 0.98 0.00	43.78 0.73 0.00	47.91 0.80 0.00	56.68 0.17 0.00	56.69 0.56 0.00	50.89 1.19 0.00	47.31 1.11 0.00	44.17 1.08 0.00	41.77 1.49 0.00	38.20 1.54 0.00
FREEPORT_EQUS_GT1 23764	46.46 2.38 -11.89	40.38 2.22 -6.45	37.93 2.20 -4.27	37.37 2.10 -4.78	38.34 2.25 -3.97	43.17 2.19 -8.34	52.85 3.29 -5.12	54.88 4.44 -2.18	54.38 4.33 -2.00	52.42 4.11 -2.11	53.81 3.32 -7.95	51.35 3.31 -5.13	48.08 3.03 -4.15	46.73 3.06 -2.86	49.82 2.99 -5.83	54.34 3.70 -7.59	56.81 4.10 -5.60	74.97 5.99 -12.47	66.07 5.44 -4.50	60.65 4.47 -6.48	56.86 4.16 -6.51	54.84 3.83 -7.91	52.05 3.06 -8.71	47.78 2.57 -8.55
FREEPORT___CT2 23818	46.46 2.38 -11.89	40.38 2.22 -6.45	37.93 2.20 -4.27	37.37 2.10 -4.78	38.34 2.25 -3.97	43.17 2.19 -8.34	52.85 3.29 -5.12	54.88 4.44 -2.18	54.38 4.33 -2.00	52.42 4.11 -2.11	53.81 3.32 -7.95	51.35 3.31 -5.13	48.08 3.03 -4.15	46.73 3.06 -2.86	49.82 2.99 -5.83	54.34 3.70 -7.59	56.81 4.10 -5.60	74.97 5.99 -12.47	66.07 5.44 -4.50	60.65 4.47 -6.48	56.86 4.16 -6.51	54.84 3.83 -7.91	52.05 3.06 -8.71	47.78 2.57 -8.55
FRESHKLS_33_KV_LOAD 356253	34.19 2.00 -0.01	33.52 1.81 0.00	33.19 1.73 0.00	32.08 1.59 0.00	33.89 1.77 0.00	34.28 1.63 0.00	46.89 2.44 0.00	51.93 3.67 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.02 2.20 0.00	43.16 2.17 0.00	95.63 3.10 -49.48	50.36 3.25 0.00	100.04 4.92 -38.61	106.55 4.43 -45.99	95.97 3.63 -42.64	49.52 3.33 0.00	46.20 3.10 0.00	42.88 2.58 -0.02	38.64 1.98 0.00
FULTON COGEN____ 23766	31.19 -1.00 0.00	30.76 -0.95 0.00	30.52 -0.94 0.00	29.58 -0.91 0.00	31.19 -0.93 0.00	31.73 -0.91 0.00	43.11 -1.33 0.00	47.01 -1.25 0.00	46.76 -1.30 0.00	45.04 -1.15 0.00	41.43 -1.11 0.00	41.85 -1.07 0.00	39.83 -1.06 0.00	39.76 -1.06 0.00	39.93 -1.07 0.00	42.02 -1.03 0.00	46.12 -0.99 0.00	55.55 -0.96 0.00	54.95 -1.18 0.00	48.56 -1.14 0.00	45.09 -1.11 0.00	42.02 -1.08 0.00	39.07 -1.21 0.00	35.60 -1.06 0.00
FULTON___LFGE 323630	35.76 3.57 0.00	35.36 3.65 0.00	35.08 3.62 0.00	33.90 3.41 0.00	35.49 3.37 0.00	36.40 3.75 0.00	50.22 5.78 0.00	54.44 6.18 0.00	54.45 6.39 0.00	52.11 5.91 0.00	47.51 4.97 0.00	47.60 4.68 0.00	45.15 4.25 0.00	44.94 4.12 0.00	45.01 4.02 0.00	48.00 4.95 0.00	53.47 6.36 0.00	64.87 8.36 0.00	63.92 7.80 0.00	56.76 7.05 0.00	52.85 6.65 0.00	49.13 6.03 0.00	44.91 4.63 0.00	40.81 4.14 0.00
G.F.CEMENT___DRP 24184	33.57 1.38 0.00	33.08 1.36 0.00	32.94 1.48 0.00	31.92 1.43 0.00	33.31 1.19 0.00	33.95 1.31 0.00	46.71 2.27 0.00	50.72 2.46 0.00	50.84 2.79 0.00	48.78 2.59 0.00	44.58 2.04 0.00	44.77 1.85 0.00	42.33 1.43 0.00	42.16 1.35 0.00	42.22 1.23 0.00	44.73 1.68 0.00	49.47 2.36 0.00	59.90 3.39 0.00	59.21 3.09 0.00	52.43 2.73 0.00	48.74 2.54 0.00	45.29 2.20 0.00	41.73 1.45 0.00	38.02 1.36 0.00
GARDENVILLE___LBMP 24039	30.87 -1.32 0.00	30.57 -1.14 0.00	30.08 -1.38 0.00	29.15 -1.34 0.00	30.77 -1.35 0.00	31.21 -1.44 0.00	41.78 -2.67 0.00	45.03 -3.23 0.00	44.88 -3.17 0.00	43.79 -2.40 0.00	40.80 -1.74 0.00	41.29 -1.63 0.00	39.46 -1.43 0.00	39.55 -1.27 0.00	39.68 -1.31 0.00	41.37 -1.68 0.00	45.55 -1.55 0.00	54.93 -1.58 0.00	53.49 -2.64 0.00	47.12 -2.58 0.00	43.70 -2.49 0.00	40.98 -2.11 0.00	37.74 -2.54 0.00	35.20 -1.47 0.00
GARDNVLA_35_KV_LD 355827	31.06 -1.13 0.00	30.73 -0.98 0.00	30.23 -1.23 0.00	29.33 -1.16 0.00	30.97 -1.16 0.00	31.40 -1.24 0.00	42.05 -2.40 0.00	45.32 -2.94 0.00	45.17 -2.88 0.00	44.07 -2.12 0.00	41.05 -1.49 0.00	41.55 -1.37 0.00	39.71 -1.19 0.00	39.80 -1.02 0.00	39.93 -1.07 0.00	41.63 -1.42 0.00	45.79 -1.32 0.00	55.27 -1.24 0.00	53.82 -2.30 0.00	47.41 -2.29 0.00	43.98 -2.22 0.00	41.24 -1.85 0.00	37.98 -2.30 0.00	35.42 -1.25 0.00
GELCKHM___115KV_LOAD 80723	31.45 -0.74 0.00	31.02 -0.70 0.00	30.74 -0.72 0.00	29.82 -0.67 0.00	31.42 -0.71 0.00	31.96 -0.69 0.00	43.47 -0.98 0.00	47.39 -0.87 0.00	47.19 -0.86 0.00	45.45 -0.74 0.00	41.86 -0.68 0.00	42.23 -0.69 0.00	40.20 -0.70 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	42.36 -0.69 0.00	46.50 -0.61 0.00	56.06 -0.45 0.00	55.40 -0.73 0.00	48.95 -0.75 0.00	45.46 -0.74 0.00	42.36 -0.73 0.00	39.31 -0.97 0.00	35.86 -0.81 0.00
GENERAL___MILLS 23808	31.00 -1.19 0.00	30.67 -1.05 0.00	30.17 -1.29 0.00	29.27 -1.22 0.00	30.90 -1.22 0.00	31.34 -1.31 0.00	41.96 -2.49 0.00	45.17 -3.09 0.00	45.08 -2.98 0.00	43.98 -2.22 0.00	40.97 -1.57 0.00	41.46 -1.46 0.00	39.63 -1.27 0.00	39.71 -1.10 0.00	39.84 -1.15 0.00	41.54 -1.51 0.00	45.70 -1.41 0.00	55.15 -1.36 0.00	53.71 -2.41 0.00	47.31 -2.39 0.00	43.89 -2.31 0.00	41.16 -1.94 0.00	37.90 -2.38 0.00	35.34 -1.32 0.00
GE_PLASTICS___DRP 24183	33.09 0.90 0.00	32.57 0.86 0.00	32.34 0.88 0.00	31.37 0.88 0.00	32.96 0.84 0.00	33.49 0.85 0.00	45.78 1.33 0.00	49.95 1.69 0.00	49.79 1.73 0.00	47.81 1.62 0.00	43.60 1.06 0.00	43.87 0.94 0.00	41.71 0.82 0.00	41.63 0.82 0.00	41.77 0.78 0.00	44.08 1.03 0.00	48.43 1.32 0.00	58.43 1.92 0.00	57.87 1.74 0.00	51.09 1.39 0.00	47.54 1.34 0.00	44.30 1.21 0.00	41.17 0.89 0.00	37.43 0.77 0.00
GILBOA___1 23756	33.06 0.87 0.00	32.51 0.79 0.00	32.37 0.91 0.00	31.38 0.88 0.00	33.05 0.93 0.00	33.46 0.82 0.00	45.65 1.20 0.00	49.95 1.69 0.00	49.69 1.63 0.00	47.76 1.57 0.00	43.73 1.19 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.84 1.02 0.00	41.97 0.98 0.00	44.39 1.34 0.00	48.66 1.55 0.00	58.71 2.20 0.00	58.04 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.52 1.42 0.00	41.33 1.05 0.00	37.54 0.88 0.00
GILBOA___2 23757	33.06 0.87 0.00	32.51 0.79 0.00	32.37 0.91 0.00	31.38 0.88 0.00	33.05 0.93 0.00	33.46 0.82 0.00	45.65 1.20 0.00	49.95 1.69 0.00	49.69 1.63 0.00	47.76 1.57 0.00	43.73 1.19 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.84 1.02 0.00	41.97 0.98 0.00	44.39 1.34 0.00	48.66 1.55 0.00	58.71 2.20 0.00	58.04 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.52 1.42 0.00	41.33 1.05 0.00	37.54 0.88 0.00
GILBOA___3 23758	33.06 0.87 0.00	32.51 0.79 0.00	32.37 0.91 0.00	31.38 0.88 0.00	33.05 0.93 0.00	33.46 0.82 0.00	45.65 1.20 0.00	49.95 1.69 0.00	49.69 1.63 0.00	47.76 1.57 0.00	43.73 1.19 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.84 1.02 0.00	41.97 0.98 0.00	44.39 1.34 0.00	48.66 1.55 0.00	58.71 2.20 0.00	58.04 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.52 1.42 0.00	41.33 1.05 0.00	37.54 0.88 0.00

GILBOA___4 23759	33.06 0.87 0.00	32.51 0.79 0.00	32.37 0.91 0.00	31.38 0.88 0.00	33.05 0.93 0.00	33.46 0.82 0.00	45.65 1.20 0.00	49.95 1.69 0.00	49.69 1.63 0.00	47.76 1.57 0.00	43.73 1.19 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.84 1.02 0.00	41.97 0.98 0.00	44.39 1.34 0.00	48.66 1.55 0.00	58.71 2.20 0.00	58.04 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.52 1.42 0.00	41.33 1.05 0.00	37.54 0.88 0.00
GILBOA____ 23599	33.06 0.87 0.00	32.51 0.79 0.00	32.37 0.91 0.00	31.37 0.88 0.00	33.05 0.93 0.00	33.46 0.82 0.00	45.69 1.24 0.00	49.95 1.69 0.00	49.74 1.68 0.00	47.76 1.57 0.00	43.77 1.23 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.80 0.98 0.00	41.98 0.98 0.00	44.34 1.29 0.00	48.66 1.55 0.00	58.66 2.15 0.00	58.03 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.48 1.38 0.00	41.33 1.05 0.00	37.54 0.88 0.00
GINNA____ 23603	29.58 -2.61 0.00	29.27 -2.44 0.00	28.94 -2.52 0.00	28.05 -2.44 0.00	29.62 -2.51 0.00	30.13 -2.51 0.00	40.71 -3.73 0.00	44.50 -3.76 0.00	44.55 -3.51 0.00	42.91 -3.28 0.00	39.56 -2.98 0.00	40.00 -2.92 0.00	38.03 -2.86 0.00	37.96 -2.86 0.00	38.25 -2.75 0.00	40.17 -2.88 0.00	44.05 -3.06 0.00	53.06 -3.45 0.00	52.25 -3.87 0.00	46.02 -3.68 0.00	42.59 -3.60 0.00	39.56 -3.53 0.00	36.78 -3.50 0.00	33.77 -2.90 0.00
GLEN PARK____ 23778	32.22 0.03 0.00	31.68 -0.03 0.00	31.40 -0.06 0.00	30.49 0.00 0.00	32.25 0.13 0.00	33.04 0.39 0.00	45.15 0.71 0.00	49.18 0.91 0.00	48.78 0.72 0.00	46.70 0.51 0.00	42.92 0.38 0.00	43.18 0.26 0.00	41.02 0.12 0.00	40.98 0.16 0.00	41.20 0.21 0.00	43.52 0.47 0.00	48.00 0.89 0.00	58.32 1.81 0.00	57.87 1.74 0.00	51.09 1.39 0.00	47.44 1.25 0.00	44.09 0.99 0.00	40.80 0.52 0.00	37.03 0.37 0.00
GLENDALE_27_KV_LOAD 356172	34.26 2.06 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	33.98 1.86 0.00	34.44 1.80 0.00	47.11 2.67 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.84 2.92 0.00	43.55 2.66 0.00	43.35 2.53 0.00	43.49 2.50 0.00	46.36 3.31 0.00	50.64 3.53 0.00	61.77 5.26 0.00	60.90 4.77 0.00	53.58 3.88 0.00	49.75 3.56 0.00	46.37 3.28 0.00	43.02 2.74 0.00	38.79 2.13 0.00
GLENWOOD_IC_1_G5 23712	46.38 2.32 -11.88	40.34 2.19 -6.44	37.86 2.14 -4.26	37.31 2.04 -4.77	38.27 2.18 -3.96	43.13 2.15 -8.33	52.49 2.93 -5.11	54.44 4.01 -2.17	53.94 3.89 -1.99	51.99 3.70 -2.11	53.89 3.40 -7.95	51.35 3.30 -5.12	48.07 3.03 -4.15	46.64 2.98 -2.85	49.77 2.95 -5.82	54.12 3.49 -7.58	56.38 3.67 -5.59	74.34 5.37 -12.46	65.50 4.88 -4.49	60.15 3.98 -6.47	56.44 3.74 -6.50	54.32 3.32 -7.91	52.01 3.02 -8.71	47.70 2.49 -8.54
GLENWOOD_IC_2_G1 23688	46.33 2.25 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.04 2.06 -8.34	52.58 3.02 -5.12	54.59 4.15 -2.18	54.10 4.04 -2.00	52.23 3.92 -2.11	53.73 3.23 -7.95	51.22 3.18 -5.13	47.95 2.90 -4.15	46.61 2.94 -2.86	49.69 2.87 -5.83	54.08 3.45 -7.59	56.53 3.81 -5.60	74.52 5.54 -12.47	65.68 5.05 -4.50	60.30 4.12 -6.48	56.54 3.83 -6.51	54.58 3.58 -7.91	51.90 2.90 -8.71	47.64 2.42 -8.55
GLENWOOD_IC_3_G1 23689	46.33 2.25 -11.89	40.25 2.09 -6.45	37.81 2.08 -4.27	37.25 1.98 -4.78	38.21 2.12 -3.97	43.04 2.06 -8.34	52.58 3.02 -5.12	54.59 4.15 -2.18	54.10 4.04 -2.00	52.23 3.92 -2.11	53.73 3.23 -7.95	51.22 3.18 -5.13	47.95 2.90 -4.15	46.61 2.94 -2.86	49.69 2.87 -5.83	54.08 3.45 -7.59	56.53 3.81 -5.60	74.52 5.54 -12.47	65.68 5.05 -4.50	60.30 4.12 -6.48	56.54 3.83 -6.51	54.58 3.58 -7.91	51.90 2.90 -8.71	47.64 2.42 -8.55
GLENWOOD___4 23550	46.38 2.32 -11.88	40.34 2.19 -6.44	37.86 2.14 -4.26	37.31 2.04 -4.77	38.27 2.18 -3.96	43.13 2.15 -8.33	52.58 3.02 -5.11	54.59 4.15 -2.17	54.09 4.04 -1.99	52.13 3.83 -2.11	53.89 3.40 -7.95	51.35 3.30 -5.12	48.07 3.03 -4.15	46.64 2.98 -2.85	49.77 2.95 -5.82	54.16 3.53 -7.58	56.47 3.77 -5.59	74.45 5.48 -12.46	65.62 5.00 -4.49	60.30 4.13 -6.47	56.53 3.83 -6.50	54.45 3.45 -7.91	52.01 3.02 -8.71	47.70 2.49 -8.54
GLENWOOD___5 23614	46.38 2.32 -11.88	40.34 2.19 -6.44	37.86 2.14 -4.26	37.31 2.04 -4.77	38.27 2.18 -3.96	43.13 2.15 -8.33	52.58 3.02 -5.11	54.59 4.15 -2.17	54.09 4.04 -1.99	52.13 3.83 -2.11	53.89 3.40 -7.95	51.35 3.30 -5.12	48.07 3.03 -4.15	46.64 2.98 -2.85	49.77 2.95 -5.82	54.16 3.53 -7.58	56.47 3.77 -5.59	74.45 5.48 -12.46	65.62 5.00 -4.49	60.30 4.13 -6.47	56.53 3.83 -6.50	54.45 3.45 -7.91	52.01 3.02 -8.71	47.70 2.49 -8.54
GLOBAL GREEN_PORT_GT1 23814	48.26 4.18 -11.89	42.09 3.93 -6.45	39.63 3.90 -4.27	39.02 3.75 -4.78	40.04 3.95 -3.97	45.00 4.01 -8.34	55.16 5.60 -5.12	57.54 7.10 -2.18	57.22 7.16 -2.00	55.00 6.70 -2.11	56.20 5.70 -7.95	53.54 5.50 -5.13	50.04 4.99 -4.15	48.69 5.02 -2.86	51.91 5.08 -5.83	56.88 6.24 -7.59	59.87 7.16 -5.60	78.99 10.00 -12.48	69.96 9.32 -4.51	64.14 7.95 -6.49	59.72 7.02 -6.51	57.22 6.21 -7.91	54.03 5.03 -8.71	49.84 4.62 -8.55
GLOBE___DSASP 323697	29.74 -2.45 0.00	29.46 -2.25 0.00	28.98 -2.49 0.00	28.08 -2.41 0.00	29.62 -2.51 0.00	29.97 -2.68 0.00	40.00 -4.44 0.00	42.86 -5.41 0.00	42.77 -5.29 0.00	41.85 -4.34 0.00	39.05 -3.49 0.00	39.57 -3.35 0.00	37.83 -3.07 0.00	37.96 -2.86 0.00	38.04 -2.95 0.00	39.61 -3.44 0.00	43.48 -3.63 0.00	52.27 -4.24 0.00	50.96 -5.16 0.00	44.88 -4.82 0.00	41.62 -4.57 0.00	39.13 -3.96 0.00	36.05 -4.23 0.00	33.77 -2.90 0.00
GOETHSLN___LBMP 323567	33.76 1.58 0.00	33.18 1.46 0.00	32.88 1.42 0.00	31.83 1.34 0.00	33.54 1.41 0.00	34.01 1.37 0.00	46.62 2.18 0.00	51.54 3.28 0.00	51.18 3.12 0.00	49.19 3.00 0.00	44.96 2.42 0.00	45.28 2.36 0.00	43.02 2.13 0.00	42.86 2.04 0.00	43.00 2.01 0.00	45.80 2.76 0.00	49.98 2.87 0.00	60.86 4.35 0.00	60.00 3.87 0.00	52.83 3.13 0.00	49.15 2.96 0.00	45.77 2.67 0.00	42.41 2.13 0.00	38.31 1.65 0.00
GOLAH___69_KV_TB 1_2 80279	31.00 -1.19 0.00	30.70 -1.01 0.00	30.33 -1.13 0.00	29.39 -1.10 0.00	31.06 -1.06 0.00	31.47 -1.18 0.00	42.31 -2.13 0.00	45.95 -2.32 0.00	45.84 -2.21 0.00	44.48 -1.71 0.00	41.09 -1.45 0.00	41.55 -1.37 0.00	39.59 -1.31 0.00	39.55 -1.27 0.00	39.84 -1.15 0.00	41.59 -1.46 0.00	45.70 -1.41 0.00	55.27 -1.24 0.00	54.27 -1.85 0.00	47.66 -2.04 0.00	44.07 -2.13 0.00	41.20 -1.90 0.00	38.19 -2.09 0.00	35.23 -1.43 0.00
GOODYEAR_LAKE_HYD 323669	33.51 1.32 0.00	32.99 1.27 0.00	32.75 1.29 0.00	31.74 1.25 0.00	33.50 1.38 0.00	34.11 1.47 0.00	46.67 2.22 0.00	50.97 2.70 0.00	50.75 2.69 0.00	48.78 2.59 0.00	44.75 2.21 0.00	45.07 2.15 0.00	42.90 2.00 0.00	42.78 1.96 0.00	42.92 1.93 0.00	45.33 2.28 0.00	49.79 2.69 0.00	60.35 3.84 0.00	59.66 3.54 0.00	52.68 2.98 0.00	48.92 2.73 0.00	45.55 2.46 0.00	42.13 1.85 0.00	38.28 1.61 0.00

GOUDEY___1 345031	32.25 0.06 0.00	31.81 0.10 0.00	31.49 0.03 0.00	30.52 0.03 0.00	32.22 0.10 0.00	32.74 0.10 0.00	44.49 0.04 0.00	48.41 0.14 0.00	48.20 0.14 0.00	46.42 0.23 0.00	42.75 0.21 0.00	43.14 0.21 0.00	41.06 0.16 0.00	41.02 0.20 0.00	41.20 0.20 0.00	43.39 0.34 0.00	47.67 0.57 0.00	57.58 1.07 0.00	56.74 0.62 0.00	50.10 0.40 0.00	46.57 0.37 0.00	43.44 0.34 0.00	40.20 -0.08 0.00	36.81 0.15 0.00
GOUDEY___7 23579	32.28 0.10 0.00	31.84 0.13 0.00	31.52 0.06 0.00	30.55 0.06 0.00	32.25 0.13 0.00	32.77 0.13 0.00	44.53 0.09 0.00	48.46 0.19 0.00	48.25 0.19 0.00	46.47 0.28 0.00	42.84 0.30 0.00	43.18 0.26 0.00	41.14 0.25 0.00	41.06 0.24 0.00	41.24 0.25 0.00	43.44 0.39 0.00	47.77 0.66 0.00	57.70 1.19 0.00	56.80 0.67 0.00	50.15 0.45 0.00	46.61 0.42 0.00	43.48 0.39 0.00	40.24 -0.04 0.00	36.85 0.18 0.00
GOUDEY___8 23580	32.25 0.06 0.00	31.81 0.10 0.00	31.49 0.03 0.00	30.52 0.03 0.00	32.22 0.10 0.00	32.74 0.10 0.00	44.49 0.04 0.00	48.41 0.14 0.00	48.20 0.14 0.00	46.42 0.23 0.00	42.75 0.21 0.00	43.14 0.21 0.00	41.06 0.16 0.00	41.02 0.20 0.00	41.20 0.20 0.00	43.39 0.34 0.00	47.67 0.57 0.00	57.58 1.07 0.00	56.74 0.62 0.00	50.10 0.40 0.00	46.57 0.37 0.00	43.44 0.34 0.00	40.20 -0.08 0.00	36.81 0.15 0.00
GOWANUS_GT1_1 24077	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT1_2 24078	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT1_3 24079	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT1_4 24080	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT1_5 24084	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT1_6 24111	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT1_7 24112	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT1_8 24113	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT2_1 24114	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT2_2 24115	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT2_3 24116	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT2_4 24117	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00

GOWANUS_GT2_5 24118	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT2_6 24119	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT2_7 24120	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT2_8 24121	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_1 24122	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_2 24123	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_3 24124	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_4 24125	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_5 24126	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_6 24127	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_7 24128	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT3_8 24129	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
GOWANUS_GT4_1 24130	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT4_2 24131	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT4_3 24132	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00

GOWANUS_GT4_4 24133	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT4_5 24134	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT4_6 24135	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT4_7 24136	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GOWANUS_GT4_8 24137	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GREENBSH_115KV_TB3 55895	33.06 0.87 0.00	32.51 0.79 0.00	32.28 0.82 0.00	31.34 0.85 0.00	32.89 0.77 0.00	33.43 0.78 0.00	45.73 1.29 0.00	49.90 1.64 0.00	49.79 1.73 0.00	47.81 1.62 0.00	43.48 0.94 0.00	43.74 0.82 0.00	41.55 0.65 0.00	41.47 0.65 0.00	41.65 0.66 0.00	43.91 0.86 0.00	48.29 1.18 0.00	58.26 1.75 0.00	57.64 1.52 0.00	50.94 1.24 0.00	47.40 1.20 0.00	44.17 1.08 0.00	41.05 0.77 0.00	37.32 0.66 0.00
GREENDGE_115KV_TB5 80291	31.99 -0.19 0.00	31.62 -0.10 0.00	31.27 -0.19 0.00	30.31 -0.18 0.00	32.03 -0.10 0.00	32.64 0.00 0.00	44.89 0.44 0.00	48.99 0.72 0.00	48.63 0.58 0.00	46.89 0.69 0.00	43.31 0.77 0.00	43.69 0.77 0.00	41.55 0.65 0.00	41.47 0.65 0.00	41.65 0.66 0.00	44.00 0.95 0.00	48.62 1.51 0.00	58.88 2.37 0.00	57.92 1.80 0.00	51.04 1.34 0.00	47.31 1.11 0.00	44.09 0.99 0.00	40.56 0.28 0.00	37.54 0.88 0.00
GREENIDGE___3 23582	31.99 -0.19 0.00	31.62 -0.10 0.00	31.27 -0.19 0.00	30.31 -0.18 0.00	32.03 -0.10 0.00	32.64 0.00 0.00	44.89 0.44 0.00	48.99 0.72 0.00	48.63 0.58 0.00	46.89 0.69 0.00	43.31 0.77 0.00	43.69 0.77 0.00	41.55 0.65 0.00	41.47 0.65 0.00	41.65 0.66 0.00	44.00 0.95 0.00	48.62 1.51 0.00	58.88 2.37 0.00	57.92 1.80 0.00	51.04 1.34 0.00	47.31 1.11 0.00	44.09 0.99 0.00	40.56 0.28 0.00	37.54 0.88 0.00
GREENIDGE___4 23583	32.00 -0.19 0.00	31.62 -0.09 0.00	31.27 -0.19 0.00	30.31 -0.18 0.00	32.03 -0.10 0.00	32.64 0.00 0.00	44.98 0.54 0.00	49.18 0.91 0.00	48.92 0.87 0.00	47.02 0.83 0.00	43.31 0.77 0.00	43.69 0.77 0.00	41.55 0.65 0.00	41.39 0.57 0.00	41.65 0.65 0.00	44.04 0.99 0.00	48.62 1.51 0.00	58.83 2.32 0.00	57.92 1.80 0.00	51.04 1.34 0.00	47.30 1.11 0.00	43.96 0.86 0.00	40.56 0.28 0.00	37.58 0.92 0.00
GREENLWN_69_KV_BK 3 55738	46.45 2.38 -11.88	40.37 2.22 -6.44	37.93 2.20 -4.26	37.37 2.10 -4.77	38.33 2.25 -3.96	43.19 2.22 -8.33	52.89 3.33 -5.11	54.68 4.25 -2.17	54.18 4.13 -1.99	52.46 4.16 -2.11	53.85 3.36 -7.95	51.39 3.35 -5.12	48.11 3.07 -4.15	46.64 2.98 -2.85	49.81 2.99 -5.82	54.29 3.66 -7.58	56.47 3.77 -5.59	73.71 4.75 -12.46	65.11 4.49 -4.49	59.84 3.68 -6.46	56.53 3.83 -6.50	54.62 3.62 -7.91	52.05 3.06 -8.71	47.77 2.57 -8.54
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00
GRISSOM___SOLAR 323813	35.76 3.57 0.00	35.36 3.65 0.00	35.08 3.62 0.00	33.90 3.41 0.00	35.49 3.37 0.00	36.40 3.75 0.00	50.22 5.78 0.00	54.44 6.18 0.00	54.45 6.39 0.00	52.11 5.91 0.00	47.51 4.97 0.00	47.60 4.68 0.00	45.15 4.25 0.00	44.94 4.12 0.00	45.01 4.02 0.00	48.00 4.95 0.00	53.47 6.36 0.00	64.87 8.36 0.00	63.92 7.80 0.00	56.76 7.05 0.00	52.85 6.65 0.00	49.13 6.03 0.00	44.91 4.63 0.00	40.81 4.14 0.00
GROVEVILLE___HYD 323602	34.22 2.03 0.00	33.62 1.90 0.00	33.38 1.92 0.00	32.32 1.83 0.00	34.08 1.96 0.00	34.57 1.93 0.00	47.38 2.93 0.00	51.93 3.67 0.00	51.61 3.56 0.00	49.47 3.28 0.00	44.96 2.42 0.00	45.20 2.27 0.00	42.90 2.00 0.00	42.78 1.96 0.00	43.04 2.05 0.00	45.76 2.71 0.00	50.31 3.20 0.00	61.26 4.75 0.00	60.62 4.49 0.00	53.28 3.58 0.00	49.52 3.33 0.00	45.94 2.84 0.00	42.66 2.38 0.00	38.61 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.64 -0.48 0.00	32.22 -0.42 0.00	43.82 -0.62 0.00	47.78 -0.48 0.00	47.57 -0.48 0.00	45.82 -0.37 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.58 -0.41 0.00	42.70 -0.34 0.00	46.92 -0.19 0.00	56.51 0.00 0.00	55.90 -0.22 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	39.64 -0.64 0.00	36.15 -0.51 0.00
HAMLTNNY_34_KV_TB 80303	31.67 -0.51 0.00	31.27 -0.44 0.00	30.99 -0.47 0.00	30.03 -0.46 0.00	31.67 -0.45 0.00	32.25 -0.39 0.00	43.91 -0.53 0.00	47.92 -0.34 0.00	47.72 -0.34 0.00	45.96 -0.23 0.00	42.37 -0.17 0.00	42.75 -0.17 0.00	40.65 -0.25 0.00	40.61 -0.20 0.00	40.75 -0.25 0.00	42.88 -0.17 0.00	47.11 0.00 0.00	56.79 0.28 0.00	56.13 0.00 0.00	49.55 -0.15 0.00	45.97 -0.23 0.00	42.84 -0.26 0.00	39.68 -0.60 0.00	36.22 -0.44 0.00

HAMPSHIRE___PAPER_HYD 323593	31.67 -0.52 0.00	31.24 -0.47 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.70 -0.42 0.00	32.38 -0.26 0.00	44.14 -0.31 0.00	47.73 -0.53 0.00	47.48 -0.57 0.00	45.55 -0.65 0.00	42.03 -0.51 0.00	42.28 -0.64 0.00	40.32 -0.57 0.00	40.25 -0.57 0.00	40.46 -0.53 0.00	42.45 -0.60 0.00	46.50 -0.61 0.00	55.77 -0.74 0.00	55.62 -0.51 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	40.00 -0.28 0.00	36.33 -0.33 0.00
HARDSCRABBLE_WT_PWR 323673	32.54 0.35 0.00	32.03 0.32 0.00	31.78 0.31 0.00	30.80 0.30 0.00	32.44 0.32 0.00	33.00 0.36 0.00	45.02 0.58 0.00	48.99 0.73 0.00	48.87 0.82 0.00	47.02 0.83 0.00	43.31 0.77 0.00	43.69 0.77 0.00	41.59 0.69 0.00	41.47 0.65 0.00	41.65 0.65 0.00	43.87 0.82 0.00	48.10 0.99 0.00	57.98 1.47 0.00	57.47 1.34 0.00	50.79 1.09 0.00	47.26 1.06 0.00	44.17 1.08 0.00	41.13 0.85 0.00	37.43 0.77 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.70 1.51 0.00	33.08 1.36 0.00	32.81 1.35 0.00	31.80 1.31 0.00	33.54 1.41 0.00	34.01 1.37 0.00	46.58 2.13 0.00	51.16 2.90 0.00	50.84 2.79 0.00	48.78 2.59 0.00	44.50 1.96 0.00	44.77 1.85 0.00	42.49 1.59 0.00	42.41 1.59 0.00	42.59 1.60 0.00	45.24 2.20 0.00	49.65 2.54 0.00	60.41 3.90 0.00	59.66 3.54 0.00	52.53 2.83 0.00	48.83 2.63 0.00	45.38 2.28 0.00	42.13 1.85 0.00	38.13 1.47 0.00
HARSNRAD_115KV_TB1 81005	30.26 -1.93 0.00	29.97 -1.74 0.00	29.48 -1.98 0.00	28.60 -1.89 0.00	30.16 -1.96 0.00	30.55 -2.09 0.00	40.85 -3.60 0.00	43.92 -4.34 0.00	43.83 -4.23 0.00	42.87 -3.33 0.00	39.94 -2.59 0.00	40.43 -2.49 0.00	38.65 -2.25 0.00	38.78 -2.04 0.00	38.86 -2.13 0.00	40.51 -2.54 0.00	44.57 -2.54 0.00	53.68 -2.83 0.00	52.31 -3.82 0.00	46.02 -3.68 0.00	42.69 -3.51 0.00	40.08 -3.02 0.00	36.90 -3.38 0.00	34.46 -2.20 0.00
HARZA MOOSE___RIVER 24016	32.61 0.42 0.00	32.10 0.38 0.00	31.84 0.38 0.00	30.89 0.40 0.00	32.64 0.51 0.00	33.33 0.69 0.00	45.51 1.07 0.00	49.57 1.30 0.00	49.35 1.30 0.00	47.35 1.15 0.00	43.52 0.98 0.00	43.82 0.90 0.00	41.67 0.78 0.00	41.59 0.78 0.00	41.77 0.78 0.00	44.04 0.99 0.00	48.38 1.27 0.00	58.43 1.92 0.00	57.98 1.85 0.00	51.24 1.54 0.00	47.58 1.39 0.00	44.30 1.21 0.00	41.13 0.85 0.00	37.32 0.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.41 -0.77 0.00	30.99 -0.73 0.00	30.74 -0.72 0.00	29.79 -0.70 0.00	31.42 -0.71 0.00	31.93 -0.72 0.00	43.47 -0.98 0.00	47.35 -0.92 0.00	47.14 -0.91 0.00	45.41 -0.79 0.00	41.82 -0.72 0.00	42.19 -0.73 0.00	40.16 -0.74 0.00	40.12 -0.69 0.00	40.25 -0.74 0.00	42.36 -0.69 0.00	46.50 -0.61 0.00	56.00 -0.51 0.00	55.40 -0.73 0.00	48.91 -0.80 0.00	45.41 -0.79 0.00	42.36 -0.73 0.00	39.27 -1.01 0.00	35.82 -0.84 0.00
HELLGATE_13_KV_LD 55870	34.16 1.96 -0.01	33.52 1.81 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.26 2.72 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.11 3.06 0.00	50.36 3.25 0.00	61.43 4.92 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.16 3.06 0.00	42.82 2.54 0.00	38.68 2.02 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.16 1.96 -0.01	33.52 1.81 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.26 2.72 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.11 3.06 0.00	50.36 3.25 0.00	61.43 4.92 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.16 3.06 0.00	42.82 2.54 0.00	38.68 2.02 0.00
HEMPSTEAD____ 23647	46.23 2.16 -11.89	40.19 2.03 -6.45	37.75 2.02 -4.27	37.19 1.92 -4.78	38.12 2.02 -3.97	42.97 1.99 -8.34	52.54 2.98 -5.12	54.54 4.10 -2.18	54.00 3.94 -2.00	52.14 3.83 -2.11	53.60 3.10 -7.95	51.14 3.09 -5.13	47.83 2.78 -4.15	46.53 2.86 -2.86	49.57 2.75 -5.83	54.04 3.40 -7.59	56.43 3.72 -5.60	74.46 5.48 -12.47	65.57 4.94 -4.50	60.20 4.02 -6.48	56.49 3.79 -6.51	54.50 3.49 -7.91	51.81 2.82 -8.71	47.56 2.35 -8.55
HEWLETT_69_KV_BK3 55828	46.51 2.45 -11.88	40.44 2.28 -6.44	37.99 2.27 -4.26	37.43 2.16 -4.77	38.37 2.28 -3.96	43.23 2.25 -8.33	52.93 3.38 -5.11	54.97 4.54 -2.17	54.42 4.37 -1.99	52.46 4.16 -2.11	53.93 3.45 -7.95	51.43 3.39 -5.12	48.15 3.11 -4.15	46.73 3.06 -2.85	49.85 3.03 -5.82	54.37 3.75 -7.58	56.85 4.15 -5.59	74.62 5.65 -12.46	65.78 5.16 -4.49	60.74 4.57 -6.47	56.95 4.25 -6.50	54.79 3.79 -7.91	52.09 3.10 -8.71	47.81 2.60 -8.54
HICKLING___1 23621	32.12 -0.06 0.00	31.75 0.03 0.00	31.37 -0.09 0.00	30.43 -0.06 0.00	32.12 0.00 0.00	32.68 0.03 0.00	44.27 -0.18 0.00	48.07 -0.19 0.00	47.82 -0.24 0.00	46.19 0.00 0.00	42.71 0.17 0.00	43.14 0.21 0.00	41.10 0.20 0.00	41.10 0.29 0.00	41.28 0.29 0.00	43.44 0.39 0.00	47.91 0.80 0.00	57.92 1.41 0.00	56.80 0.67 0.00	50.05 0.35 0.00	46.47 0.28 0.00	43.40 0.30 0.00	40.00 -0.28 0.00	36.92 0.26 0.00
HICKLING___2 23622	32.12 -0.06 0.00	31.75 0.03 0.00	31.37 -0.09 0.00	30.43 -0.06 0.00	32.12 0.00 0.00	32.68 0.03 0.00	44.27 -0.18 0.00	48.07 -0.19 0.00	47.82 -0.24 0.00	46.19 0.00 0.00	42.71 0.17 0.00	43.14 0.21 0.00	41.10 0.20 0.00	41.10 0.29 0.00	41.28 0.29 0.00	43.44 0.39 0.00	47.91 0.80 0.00	57.92 1.41 0.00	56.80 0.67 0.00	50.05 0.35 0.00	46.47 0.28 0.00	43.40 0.30 0.00	40.00 -0.28 0.00	36.92 0.26 0.00
HIGH FALLS___HY 23754	34.05 1.87 0.00	33.43 1.71 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.95 1.83 0.00	34.41 1.76 0.00	47.16 2.71 0.00	51.64 3.38 0.00	51.23 3.17 0.00	49.01 2.82 0.00	44.67 2.13 0.00	44.90 1.97 0.00	42.65 1.76 0.00	42.53 1.71 0.00	42.80 1.80 0.00	45.55 2.50 0.00	50.12 3.02 0.00	61.09 4.58 0.00	60.50 4.38 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.73 2.63 0.00	42.54 2.26 0.00	38.42 1.76 0.00
HILLBURN___GT 23639	33.60 1.41 0.00	33.02 1.30 0.00	32.75 1.29 0.00	31.71 1.22 0.00	33.44 1.32 0.00	33.92 1.27 0.00	46.45 2.00 0.00	51.16 2.90 0.00	50.84 2.79 0.00	48.87 2.68 0.00	44.54 2.00 0.00	44.85 1.93 0.00	42.57 1.68 0.00	42.53 1.71 0.00	42.67 1.68 0.00	45.33 2.28 0.00	49.65 2.54 0.00	60.46 3.95 0.00	59.61 3.48 0.00	52.48 2.78 0.00	48.83 2.63 0.00	45.55 2.46 0.00	42.09 1.81 0.00	38.13 1.47 0.00
HILLSIDE_115KV_TB1 80332	31.77 -0.42 0.00	31.40 -0.32 0.00	31.02 -0.44 0.00	30.09 -0.40 0.00	31.77 -0.35 0.00	32.28 -0.36 0.00	43.69 -0.76 0.00	47.44 -0.82 0.00	47.19 -0.86 0.00	45.55 -0.65 0.00	42.11 -0.43 0.00	42.49 -0.43 0.00	40.53 -0.37 0.00	40.49 -0.33 0.00	40.66 -0.33 0.00	42.79 -0.26 0.00	47.16 0.05 0.00	56.96 0.45 0.00	55.90 -0.22 0.00	49.30 -0.40 0.00	45.78 -0.42 0.00	42.79 -0.30 0.00	39.47 -0.81 0.00	36.41 -0.26 0.00

HISHELDN_WT_PWR 323625	30.96 -1.22 0.00	30.67 -1.05 0.00	30.17 -1.29 0.00	29.27 -1.22 0.00	30.90 -1.22 0.00	31.37 -1.27 0.00	42.27 -2.18 0.00	45.80 -2.46 0.00	45.85 -2.21 0.00	44.30 -1.90 0.00	40.97 -1.57 0.00	41.51 -1.42 0.00	39.58 -1.31 0.00	39.43 -1.39 0.00	39.80 -1.19 0.00	41.71 -1.33 0.00	45.79 -1.32 0.00	55.21 -1.30 0.00	53.94 -2.19 0.00	47.51 -2.19 0.00	44.07 -2.12 0.00	40.94 -2.15 0.00	38.06 -2.22 0.00	35.49 -1.17 0.00
HOLTSVILLE_IC_1 23690	46.84 2.77 -11.89	40.76 2.60 -6.45	38.31 2.58 -4.27	37.74 2.47 -4.78	38.73 2.63 -3.97	43.59 2.61 -8.34	53.38 3.82 -5.12	55.42 4.97 -2.18	55.01 4.95 -2.00	53.02 4.71 -2.11	54.36 3.87 -7.95	51.83 3.78 -5.13	48.44 3.39 -4.15	47.14 3.47 -2.86	50.27 3.44 -5.83	54.94 4.30 -7.59	57.52 4.81 -5.60	75.71 6.72 -12.48	66.87 6.23 -4.51	61.36 5.17 -6.49	57.46 4.76 -6.51	55.32 4.31 -7.91	52.46 3.46 -8.71	48.22 3.01 -8.55
HOLTSVILLE_IC_10 23699	47.07 2.99 -11.89	40.95 2.79 -6.45	38.50 2.77 -4.27	37.92 2.65 -4.78	38.92 2.83 -3.97	43.82 2.84 -8.34	53.70 4.13 -5.12	55.80 5.36 -2.18	55.39 5.33 -2.00	53.34 5.04 -2.11	54.67 4.17 -7.95	52.13 4.08 -5.13	48.73 3.68 -4.15	47.39 3.71 -2.86	50.55 3.73 -5.83	55.29 4.65 -7.59	57.94 5.23 -5.60	76.28 7.29 -12.48	67.43 6.79 -4.51	61.85 5.66 -6.49	57.88 5.17 -6.51	55.67 4.66 -7.91	52.74 3.75 -8.71	48.48 3.26 -8.55
HOLTSVILLE_IC_2 23691	46.84 2.77 -11.89	40.76 2.60 -6.45	38.31 2.58 -4.27	37.74 2.47 -4.78	38.73 2.63 -3.97	43.59 2.61 -8.34	53.38 3.82 -5.12	55.42 4.97 -2.18	55.01 4.95 -2.00	53.02 4.71 -2.11	54.36 3.87 -7.95	51.83 3.78 -5.13	48.44 3.39 -4.15	47.14 3.47 -2.86	50.27 3.44 -5.83	54.94 4.30 -7.59	57.52 4.81 -5.60	75.71 6.72 -12.48	66.87 6.23 -4.51	61.36 5.17 -6.49	57.46 4.76 -6.51	55.32 4.31 -7.91	52.46 3.46 -8.71	48.22 3.01 -8.55
HOLTSVILLE_IC_3 23692	46.84 2.77 -11.89	40.76 2.60 -6.45	38.31 2.58 -4.27	37.74 2.47 -4.78	38.73 2.63 -3.97	43.59 2.61 -8.34	53.38 3.82 -5.12	55.42 4.97 -2.18	55.01 4.95 -2.00	53.02 4.71 -2.11	54.36 3.87 -7.95	51.83 3.78 -5.13	48.44 3.39 -4.15	47.14 3.47 -2.86	50.27 3.44 -5.83	54.94 4.30 -7.59	57.52 4.81 -5.60	75.71 6.72 -12.48	66.87 6.23 -4.51	61.36 5.17 -6.49	57.46 4.76 -6.51	55.32 4.31 -7.91	52.46 3.46 -8.71	48.22 3.01 -8.55
HOLTSVILLE_IC_4 23693	46.84 2.77 -11.89	40.76 2.60 -6.45	38.31 2.58 -4.27	37.74 2.47 -4.78	38.73 2.63 -3.97	43.59 2.61 -8.34	53.38 3.82 -5.12	55.42 4.97 -2.18	55.01 4.95 -2.00	53.02 4.71 -2.11	54.36 3.87 -7.95	51.83 3.78 -5.13	48.44 3.39 -4.15	47.14 3.47 -2.86	50.27 3.44 -5.83	54.94 4.30 -7.59	57.52 4.81 -5.60	75.71 6.72 -12.48	66.87 6.23 -4.51	61.36 5.17 -6.49	57.46 4.76 -6.51	55.32 4.31 -7.91	52.46 3.46 -8.71	48.22 3.01 -8.55
HOLTSVILLE_IC_5 23694	46.84 2.77 -11.89	40.76 2.60 -6.45	38.31 2.58 -4.27	37.74 2.47 -4.78	38.73 2.63 -3.97	43.59 2.61 -8.34	53.38 3.82 -5.12	55.42 4.97 -2.18	55.01 4.95 -2.00	53.02 4.71 -2.11	54.36 3.87 -7.95	51.83 3.78 -5.13	48.44 3.39 -4.15	47.14 3.47 -2.86	50.27 3.44 -5.83	54.94 4.30 -7.59	57.52 4.81 -5.60	75.71 6.72 -12.48	66.87 6.23 -4.51	61.36 5.17 -6.49	57.46 4.76 -6.51	55.32 4.31 -7.91	52.46 3.46 -8.71	48.22 3.01 -8.55
HOLTSVILLE_IC_6 23695	47.07 2.99 -11.89	40.95 2.79 -6.45	38.50 2.77 -4.27	37.92 2.65 -4.78	38.92 2.83 -3.97	43.82 2.84 -8.34	53.70 4.13 -5.12	55.80 5.36 -2.18	55.39 5.33 -2.00	53.34 5.04 -2.11	54.67 4.17 -7.95	52.13 4.08 -5.13	48.73 3.68 -4.15	47.39 3.71 -2.86	50.55 3.73 -5.83	55.29 4.65 -7.59	57.94 5.23 -5.60	76.28 7.29 -12.48	67.43 6.79 -4.51	61.85 5.66 -6.49	57.88 5.17 -6.51	55.67 4.66 -7.91	52.74 3.75 -8.71	48.48 3.26 -8.55
HOLTSVILLE_IC_7 23696	47.07 2.99 -11.89	40.95 2.79 -6.45	38.50 2.77 -4.27	37.92 2.65 -4.78	38.92 2.83 -3.97	43.82 2.84 -8.34	53.70 4.13 -5.12	55.80 5.36 -2.18	55.39 5.33 -2.00	53.34 5.04 -2.11	54.67 4.17 -7.95	52.13 4.08 -5.13	48.73 3.68 -4.15	47.39 3.71 -2.86	50.55 3.73 -5.83	55.29 4.65 -7.59	57.94 5.23 -5.60	76.28 7.29 -12.48	67.43 6.79 -4.51	61.85 5.66 -6.49	57.88 5.17 -6.51	55.67 4.66 -7.91	52.74 3.75 -8.71	48.48 3.26 -8.55
HOLTSVILLE_IC_8 23697	47.07 2.99 -11.89	40.95 2.79 -6.45	38.50 2.77 -4.27	37.92 2.65 -4.78	38.92 2.83 -3.97	43.82 2.84 -8.34	53.70 4.13 -5.12	55.80 5.36 -2.18	55.39 5.33 -2.00	53.34 5.04 -2.11	54.67 4.17 -7.95	52.13 4.08 -5.13	48.73 3.68 -4.15	47.39 3.71 -2.86	50.55 3.73 -5.83	55.29 4.65 -7.59	57.94 5.23 -5.60	76.28 7.29 -12.48	67.43 6.79 -4.51	61.85 5.66 -6.49	57.88 5.17 -6.51	55.67 4.66 -7.91	52.74 3.75 -8.71	48.48 3.26 -8.55
HOLTSVILLE_IC_9 23698	47.07 2.99 -11.89	40.95 2.79 -6.45	38.50 2.77 -4.27	37.92 2.65 -4.78	38.92 2.83 -3.97	43.82 2.84 -8.34	53.70 4.13 -5.12	55.80 5.36 -2.18	55.39 5.33 -2.00	53.34 5.04 -2.11	54.67 4.17 -7.95	52.13 4.08 -5.13	48.73 3.68 -4.15	47.39 3.71 -2.86	50.55 3.73 -5.83	55.29 4.65 -7.59	57.94 5.23 -5.60	76.28 7.29 -12.48	67.43 6.79 -4.51	61.85 5.66 -6.49	57.88 5.17 -6.51	55.67 4.66 -7.91	52.74 3.75 -8.71	48.48 3.26 -8.55
HOMER_HL_115KV_TB2 355744	31.77 -0.42 0.00	31.43 -0.29 0.00	30.90 -0.57 0.00	29.97 -0.52 0.00	31.70 -0.42 0.00	32.19 -0.46 0.00	42.80 -1.64 0.00	46.43 -1.83 0.00	46.23 -1.83 0.00	44.81 -1.39 0.00	41.60 -0.94 0.00	42.06 -0.86 0.00	40.20 -0.70 0.00	40.20 -0.61 0.00	40.38 -0.61 0.00	42.02 -1.03 0.00	46.40 -0.71 0.00	56.11 -0.40 0.00	54.55 -1.57 0.00	48.06 -1.64 0.00	44.67 -1.52 0.00	41.89 -1.21 0.00	38.95 -1.33 0.00	36.26 -0.40 0.00
HOWARD_WT_PWR 323690	31.74 -0.45 0.00	31.43 -0.29 0.00	31.02 -0.44 0.00	30.09 -0.40 0.00	31.80 -0.32 0.00	32.42 -0.23 0.00	43.87 -0.58 0.00	47.83 -0.44 0.00	47.72 -0.33 0.00	46.01 -0.18 0.00	42.45 -0.08 0.00	42.96 0.04 0.00	40.98 0.08 0.00	40.82 0.00 0.00	41.20 0.21 0.00	43.74 0.69 0.00	48.24 1.13 0.00	58.32 1.81 0.00	57.19 1.06 0.00	50.40 0.70 0.00	46.66 0.46 0.00	43.31 0.22 0.00	40.12 -0.16 0.00	37.10 0.44 0.00
HQ_GEN_CEDARS 23644	32.35 0.16 0.00	31.97 0.25 0.00	31.68 0.22 0.00	30.67 0.18 0.00	32.31 0.19 0.00	32.94 0.29 0.00	44.49 0.04 0.00	47.88 -0.39 0.00	47.67 -0.38 0.00	45.73 -0.46 0.00	42.41 -0.13 0.00	42.79 -0.13 0.00	40.89 0.00 0.00	40.82 0.00 0.00	41.07 0.08 0.00	42.79 -0.26 0.00	46.64 -0.47 0.00	55.32 -1.19 0.00	55.40 -0.73 0.00	49.35 -0.35 0.00	45.87 -0.32 0.00	42.84 -0.26 0.00	40.52 0.24 0.00	36.88 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	32.35 0.16 0.00	31.97 0.25 0.00	31.68 0.22 0.00	30.67 0.18 0.00	32.32 0.19 0.00	34.59 0.29 -1.65	42.88 0.09 1.65	47.83 -0.44 0.00	47.67 -0.39 0.00	45.35 -0.46 0.38	42.83 -0.08 -0.38	42.79 -0.13 0.00	40.89 0.00 0.00	40.82 0.00 0.00	41.07 0.08 0.00	42.79 -0.26 0.00	46.64 -0.47 0.00	55.32 -1.19 0.00	55.39 -0.73 0.00	49.35 -0.35 0.00	45.88 -0.32 0.00	42.84 -0.26 0.00	40.52 0.24 0.00	36.88 0.22 0.00

HQ_GEN_IMPORT 323601	32.19 0.00 0.00	31.75 0.03 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.12 0.00 0.00	34.33 0.03 -1.65	42.75 -0.04 1.65	47.78 -0.48 0.00	47.57 -0.48 0.00	45.31 -0.51 0.38	42.75 -0.17 -0.38	42.75 -0.17 0.00	40.85 -0.04 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	42.75 -0.30 0.00	46.59 -0.52 0.00	55.38 -1.13 0.00	55.34 -0.79 0.00	49.25 -0.45 0.00	45.78 -0.42 0.00	42.75 -0.35 0.00	40.36 0.08 0.00	36.74 0.07 0.00
HQ_GEN_WHEEL 23651	32.19 0.00 0.00	31.75 0.03 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.12 0.00 0.00	34.33 0.03 -1.65	42.75 -0.04 1.65	47.78 -0.48 0.00	47.57 -0.48 0.00	45.31 -0.51 0.38	42.75 -0.17 -0.38	42.75 -0.17 0.00	40.85 -0.04 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	42.75 -0.30 0.00	46.59 -0.52 0.00	55.38 -1.13 0.00	55.34 -0.79 0.00	49.25 -0.45 0.00	45.78 -0.42 0.00	42.75 -0.35 0.00	40.36 0.08 0.00	36.74 0.07 0.00
HUDSON AVE_GT_3 23810	33.99 1.80 0.00	33.37 1.65 0.00	33.07 1.60 0.00	32.02 1.52 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.89 2.44 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.06 3.01 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.23 3.53 0.00	49.48 3.28 0.00	46.07 2.97 0.00	42.66 2.38 0.00	38.53 1.87 0.00
HUDSON AVE_GT_4 23540	33.99 1.80 0.00	33.37 1.65 0.00	33.07 1.60 0.00	32.02 1.52 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.89 2.44 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.06 3.01 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.23 3.53 0.00	49.48 3.28 0.00	46.07 2.97 0.00	42.66 2.38 0.00	38.53 1.87 0.00
HUDSON AVE_GT_5 23657	33.99 1.80 0.00	33.37 1.65 0.00	33.07 1.60 0.00	32.02 1.52 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.89 2.44 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.06 3.01 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.23 3.53 0.00	49.48 3.28 0.00	46.07 2.97 0.00	42.66 2.38 0.00	38.53 1.87 0.00
HUDSON_AVE_10 24168	33.89 1.71 0.00	33.30 1.59 0.00	32.97 1.51 0.00	31.92 1.43 0.00	33.66 1.54 0.00	34.15 1.50 0.00	46.80 2.36 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.18 3.48 0.00	49.43 3.23 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.46 1.80 0.00
HUDSON___115KV_TB 4 355613	33.60 1.42 0.00	33.08 1.36 0.00	32.85 1.38 0.00	31.86 1.37 0.00	33.47 1.35 0.00	34.05 1.40 0.00	46.71 2.27 0.00	50.77 2.51 0.00	50.65 2.59 0.00	48.46 2.26 0.00	43.94 1.40 0.00	44.12 1.20 0.00	41.88 0.98 0.00	41.80 0.98 0.00	41.98 0.98 0.00	44.38 1.33 0.00	49.04 1.93 0.00	59.22 2.71 0.00	58.71 2.58 0.00	51.84 2.14 0.00	48.18 1.99 0.00	44.82 1.72 0.00	41.65 1.37 0.00	37.87 1.21 0.00
HUNTER MOUNT___DRP 323613	33.83 1.64 0.00	33.30 1.59 0.00	33.10 1.64 0.00	32.11 1.62 0.00	33.73 1.61 0.00	34.31 1.66 0.00	47.11 2.67 0.00	50.97 2.70 0.00	50.94 2.88 0.00	48.69 2.49 0.00	43.99 1.45 0.00	44.12 1.20 0.00	41.84 0.94 0.00	41.80 0.98 0.00	41.98 0.98 0.00	44.38 1.33 0.00	49.18 2.07 0.00	59.39 2.88 0.00	58.99 2.86 0.00	52.04 2.34 0.00	48.32 2.13 0.00	44.86 1.77 0.00	41.77 1.49 0.00	38.02 1.36 0.00
HUNTINGTON_RES_REC 323705	46.68 2.61 -11.89	40.60 2.44 -6.45	38.15 2.42 -4.27	37.59 2.32 -4.78	38.57 2.47 -3.97	43.43 2.45 -8.34	53.25 3.69 -5.12	55.18 4.73 -2.18	54.72 4.66 -2.00	52.84 4.53 -2.11	54.11 3.61 -7.95	51.65 3.61 -5.13	48.28 3.23 -4.15	46.98 3.30 -2.86	50.10 3.28 -5.83	54.68 4.05 -7.59	57.09 4.38 -5.60	74.84 5.88 -12.46	66.12 5.50 -4.49	60.64 4.47 -6.46	57.09 4.39 -6.51	55.15 4.14 -7.91	52.34 3.34 -8.71	48.04 2.82 -8.55
HUNTLEY___63 23557	30.55 -1.64 0.00	30.26 -1.46 0.00	29.76 -1.70 0.00	28.87 -1.62 0.00	30.45 -1.67 0.00	30.88 -1.76 0.00	41.29 -3.16 0.00	44.40 -3.86 0.00	44.36 -3.70 0.00	43.33 -2.86 0.00	40.37 -2.17 0.00	40.90 -2.02 0.00	39.10 -1.80 0.00	39.18 -1.63 0.00	39.31 -1.68 0.00	40.94 -2.11 0.00	45.04 -2.07 0.00	54.31 -2.20 0.00	52.93 -3.20 0.00	46.57 -3.13 0.00	43.19 -3.00 0.00	40.51 -2.59 0.00	37.30 -2.98 0.00	34.79 -1.87 0.00
HUNTLEY___64 23558	30.55 -1.64 0.00	30.26 -1.46 0.00	29.76 -1.70 0.00	28.87 -1.62 0.00	30.45 -1.67 0.00	30.88 -1.76 0.00	41.29 -3.16 0.00	44.40 -3.86 0.00	44.36 -3.70 0.00	43.33 -2.86 0.00	40.37 -2.17 0.00	40.90 -2.02 0.00	39.10 -1.80 0.00	39.18 -1.63 0.00	39.31 -1.68 0.00	40.94 -2.11 0.00	45.04 -2.07 0.00	54.31 -2.20 0.00	52.93 -3.20 0.00	46.57 -3.13 0.00	43.19 -3.00 0.00	40.51 -2.59 0.00	37.30 -2.98 0.00	34.79 -1.87 0.00
HUNTLEY___65 23559	30.55 -1.64 0.00	30.26 -1.46 0.00	29.76 -1.70 0.00	28.87 -1.62 0.00	30.45 -1.67 0.00	30.88 -1.76 0.00	41.29 -3.16 0.00	44.40 -3.86 0.00	44.36 -3.70 0.00	43.33 -2.86 0.00	40.37 -2.17 0.00	40.90 -2.02 0.00	39.10 -1.80 0.00	39.18 -1.63 0.00	39.31 -1.68 0.00	40.94 -2.11 0.00	45.04 -2.07 0.00	54.31 -2.20 0.00	52.93 -3.20 0.00	46.57 -3.13 0.00	43.19 -3.00 0.00	40.51 -2.59 0.00	37.30 -2.98 0.00	34.79 -1.87 0.00
HUNTLEY___66 23560	30.55 -1.64 0.00	30.26 -1.46 0.00	29.76 -1.70 0.00	28.87 -1.62 0.00	30.45 -1.67 0.00	30.88 -1.76 0.00	41.29 -3.16 0.00	44.40 -3.86 0.00	44.36 -3.70 0.00	43.33 -2.86 0.00	40.37 -2.17 0.00	40.90 -2.02 0.00	39.10 -1.80 0.00	39.18 -1.63 0.00	39.31 -1.68 0.00	40.94 -2.11 0.00	45.04 -2.07 0.00	54.31 -2.20 0.00	52.93 -3.20 0.00	46.57 -3.13 0.00	43.19 -3.00 0.00	40.51 -2.59 0.00	37.30 -2.98 0.00	34.79 -1.87 0.00
HUNTLEY___67 23561	30.45 -1.74 0.00	30.16 -1.55 0.00	29.67 -1.79 0.00	28.78 -1.71 0.00	30.36 -1.77 0.00	30.75 -1.89 0.00	41.11 -3.33 0.00	44.21 -4.05 0.00	44.07 -3.99 0.00	43.10 -3.09 0.00	40.12 -2.42 0.00	40.65 -2.27 0.00	38.85 -2.04 0.00	38.94 -1.88 0.00	39.07 -1.93 0.00	40.72 -2.32 0.00	44.75 -2.36 0.00	53.91 -2.60 0.00	52.53 -3.59 0.00	46.27 -3.43 0.00	42.92 -3.28 0.00	40.30 -2.80 0.00	37.10 -3.18 0.00	34.65 -2.02 0.00
HUNTLEY___68 23562	30.45 -1.74 0.00	30.16 -1.55 0.00	29.67 -1.79 0.00	28.78 -1.71 0.00	30.36 -1.77 0.00	30.75 -1.89 0.00	41.11 -3.33 0.00	44.21 -4.05 0.00	44.07 -3.99 0.00	43.10 -3.09 0.00	40.12 -2.42 0.00	40.65 -2.27 0.00	38.85 -2.04 0.00	38.94 -1.88 0.00	39.07 -1.93 0.00	40.72 -2.32 0.00	44.75 -2.36 0.00	53.91 -2.60 0.00	52.53 -3.59 0.00	46.27 -3.43 0.00	42.92 -3.28 0.00	40.30 -2.80 0.00	37.10 -3.18 0.00	34.65 -2.02 0.00

HYLAND___LFGE 323620	32.51 0.32 0.00	32.26 0.54 0.00	31.81 0.35 0.00	30.83 0.34 0.00	32.57 0.45 0.00	33.26 0.62 0.00	43.65 -0.80 0.00	47.87 -0.39 0.00	47.62 -0.43 0.00	45.41 -0.79 0.00	41.82 -0.72 0.00	42.23 -0.69 0.00	40.12 -0.78 0.00	39.96 -0.86 0.00	40.62 -0.37 0.00	43.01 -0.04 0.00	47.77 0.66 0.00	57.81 1.30 0.00	56.74 0.62 0.00	50.05 0.35 0.00	46.24 0.05 0.00	42.80 -0.30 0.00	40.84 0.56 0.00	37.61 0.95 0.00
INDECK___CORINTH 23802	33.09 0.90 0.00	32.60 0.89 0.00	32.50 1.04 0.00	31.50 1.00 0.00	32.80 0.68 0.00	33.43 0.78 0.00	45.91 1.46 0.00	49.85 1.59 0.00	49.93 1.87 0.00	47.90 1.71 0.00	43.81 1.28 0.00	43.99 1.07 0.00	41.63 0.74 0.00	41.51 0.69 0.00	41.52 0.53 0.00	44.00 0.95 0.00	48.66 1.55 0.00	58.94 2.43 0.00	58.26 2.13 0.00	51.54 1.84 0.00	47.95 1.76 0.00	44.56 1.47 0.00	41.04 0.76 0.00	37.25 0.58 0.00
INDECK___ILION 23567	32.57 0.39 0.00	32.07 0.35 0.00	31.84 0.38 0.00	30.86 0.37 0.00	32.51 0.39 0.00	33.07 0.42 0.00	45.11 0.67 0.00	49.08 0.82 0.00	48.92 0.86 0.00	47.02 0.83 0.00	43.22 0.68 0.00	43.61 0.69 0.00	41.51 0.61 0.00	41.39 0.57 0.00	41.57 0.57 0.00	43.78 0.73 0.00	47.96 0.85 0.00	57.81 1.30 0.00	57.30 1.18 0.00	50.69 0.99 0.00	47.12 0.92 0.00	43.96 0.86 0.00	40.92 0.64 0.00	37.21 0.55 0.00
INDECK___OLEAN 23982	31.77 -0.42 0.00	31.43 -0.29 0.00	30.90 -0.57 0.00	29.97 -0.52 0.00	31.70 -0.42 0.00	32.22 -0.43 0.00	42.93 -1.51 0.00	46.82 -1.45 0.00	46.76 -1.30 0.00	45.08 -1.11 0.00	41.60 -0.94 0.00	42.10 -0.82 0.00	40.20 -0.70 0.00	40.04 -0.78 0.00	40.38 -0.61 0.00	42.10 -0.95 0.00	46.31 -0.80 0.00	56.00 -0.51 0.00	54.55 -1.57 0.00	48.06 -1.64 0.00	44.67 -1.52 0.00	41.63 -1.47 0.00	38.95 -1.33 0.00	36.37 -0.29 0.00
INDECK___OSWEGO 23783	31.16 -1.03 0.00	30.70 -1.02 0.00	30.42 -1.04 0.00	29.51 -0.98 0.00	31.09 -1.03 0.00	31.63 -1.01 0.00	42.67 -1.78 0.00	46.53 -1.74 0.00	46.28 -1.78 0.00	44.53 -1.66 0.00	40.97 -1.57 0.00	41.33 -1.59 0.00	39.34 -1.55 0.00	39.27 -1.55 0.00	39.43 -1.56 0.00	41.50 -1.55 0.00	45.51 -1.60 0.00	54.82 -1.69 0.00	54.28 -1.85 0.00	47.96 -1.74 0.00	44.54 -1.66 0.00	41.55 -1.55 0.00	38.95 -1.33 0.00	35.53 -1.14 0.00
INDECK___YERKES 23781	30.58 -1.61 0.00	30.29 -1.43 0.00	29.79 -1.67 0.00	28.90 -1.59 0.00	30.48 -1.64 0.00	30.91 -1.73 0.00	41.60 -2.85 0.00	44.98 -3.28 0.00	45.17 -2.88 0.00	43.65 -2.54 0.00	40.41 -2.13 0.00	40.99 -1.93 0.00	39.14 -1.76 0.00	38.98 -1.84 0.00	39.31 -1.68 0.00	41.11 -1.94 0.00	45.04 -2.07 0.00	54.25 -2.26 0.00	52.93 -3.20 0.00	46.62 -3.08 0.00	43.24 -2.96 0.00	40.12 -2.97 0.00	37.38 -2.90 0.00	34.90 -1.76 0.00
INDIAN POINT_GT_1 24139	33.70 1.51 0.00	33.11 1.40 0.00	32.85 1.38 0.00	31.80 1.31 0.00	33.50 1.38 0.00	33.98 1.34 0.00	46.58 2.13 0.00	51.35 3.09 0.00	51.03 2.98 0.00	49.01 2.82 0.00	44.75 2.21 0.00	45.02 2.10 0.00	42.78 1.88 0.00	42.65 1.84 0.00	42.84 1.84 0.00	45.50 2.45 0.00	49.84 2.73 0.00	60.64 4.13 0.00	59.83 3.70 0.00	52.68 2.98 0.00	49.02 2.82 0.00	45.60 2.50 0.00	42.25 1.97 0.00	38.20 1.54 0.00
INDIAN POINT_GT_2 23659	33.70 1.51 0.00	33.11 1.40 0.00	32.85 1.38 0.00	31.80 1.31 0.00	33.50 1.38 0.00	33.98 1.34 0.00	46.58 2.13 0.00	51.35 3.09 0.00	51.03 2.98 0.00	49.01 2.82 0.00	44.75 2.21 0.00	45.02 2.10 0.00	42.78 1.88 0.00	42.65 1.84 0.00	42.84 1.84 0.00	45.50 2.45 0.00	49.84 2.73 0.00	60.64 4.13 0.00	59.83 3.70 0.00	52.68 2.98 0.00	49.02 2.82 0.00	45.60 2.50 0.00	42.25 1.97 0.00	38.20 1.54 0.00
INDIAN POINT_GT_3 24019	33.70 1.51 0.00	33.11 1.40 0.00	32.85 1.38 0.00	31.80 1.31 0.00	33.50 1.38 0.00	33.98 1.34 0.00	46.58 2.13 0.00	51.35 3.09 0.00	51.03 2.98 0.00	49.01 2.82 0.00	44.75 2.21 0.00	45.02 2.10 0.00	42.78 1.88 0.00	42.65 1.84 0.00	42.84 1.84 0.00	45.50 2.45 0.00	49.84 2.73 0.00	60.64 4.13 0.00	59.83 3.70 0.00	52.68 2.98 0.00	49.02 2.82 0.00	45.60 2.50 0.00	42.25 1.97 0.00	38.20 1.54 0.00
INDIAN POINT___2 23530	33.64 1.45 0.00	33.05 1.33 0.00	32.78 1.32 0.00	31.74 1.25 0.00	33.47 1.35 0.00	33.92 1.27 0.00	46.45 2.00 0.00	51.26 2.99 0.00	50.89 2.83 0.00	48.96 2.77 0.00	44.62 2.08 0.00	44.94 2.02 0.00	42.65 1.76 0.00	42.66 1.84 0.00	42.75 1.76 0.00	45.42 2.37 0.00	49.70 2.59 0.00	60.52 4.01 0.00	59.66 3.54 0.00	52.58 2.88 0.00	48.88 2.68 0.00	45.59 2.50 0.00	42.13 1.85 0.00	38.17 1.50 0.00
INDIAN POINT___3 23531	33.67 1.48 0.00	33.08 1.36 0.00	32.78 1.32 0.00	31.77 1.28 0.00	33.47 1.35 0.00	33.95 1.31 0.00	46.49 2.04 0.00	51.25 2.99 0.00	50.94 2.88 0.00	48.92 2.73 0.00	44.67 2.13 0.00	44.98 2.06 0.00	42.74 1.84 0.00	42.61 1.80 0.00	42.75 1.76 0.00	45.42 2.37 0.00	49.75 2.64 0.00	60.52 4.01 0.00	59.72 3.59 0.00	52.58 2.88 0.00	48.92 2.73 0.00	45.51 2.41 0.00	42.17 1.89 0.00	38.17 1.50 0.00
INGHAM_C_115KV_TB7 356103	32.67 0.48 0.00	32.16 0.44 0.00	31.90 0.44 0.00	30.92 0.43 0.00	32.60 0.48 0.00	33.13 0.49 0.00	45.20 0.76 0.00	49.18 0.92 0.00	49.02 0.96 0.00	47.16 0.97 0.00	43.39 0.85 0.00	43.78 0.86 0.00	41.67 0.78 0.00	41.55 0.73 0.00	41.77 0.78 0.00	44.00 0.95 0.00	48.19 1.08 0.00	58.09 1.58 0.00	57.59 1.46 0.00	50.94 1.24 0.00	47.35 1.15 0.00	44.26 1.16 0.00	41.21 0.93 0.00	37.51 0.84 0.00
IP CORINTH___1 23988	33.28 1.09 0.00	32.79 1.08 0.00	32.66 1.20 0.00	31.68 1.19 0.00	32.99 0.87 0.00	33.62 0.98 0.00	46.22 1.78 0.00	50.14 1.88 0.00	50.27 2.21 0.00	48.22 2.03 0.00	44.11 1.57 0.00	44.25 1.33 0.00	41.88 0.98 0.00	41.71 0.90 0.00	41.77 0.78 0.00	44.25 1.21 0.00	48.90 1.79 0.00	59.22 2.71 0.00	58.54 2.41 0.00	51.84 2.14 0.00	48.18 1.99 0.00	44.78 1.68 0.00	41.29 1.01 0.00	37.58 0.92 0.00
IP___TICONDEROGA 23804	34.38 2.19 0.00	33.90 2.19 0.00	33.76 2.30 0.00	32.75 2.26 0.00	34.05 1.93 0.00	34.83 2.19 0.00	48.14 3.69 0.00	52.27 4.01 0.00	52.67 4.61 0.00	50.49 4.30 0.00	46.11 3.57 0.00	46.10 3.18 0.00	43.43 2.54 0.00	43.27 2.45 0.00	43.25 2.25 0.00	45.85 2.80 0.00	51.02 3.91 0.00	61.88 5.37 0.00	61.06 4.94 0.00	54.17 4.47 0.00	50.35 4.16 0.00	46.67 3.58 0.00	42.74 2.46 0.00	39.05 2.38 0.00
ISLIP_RES_REC 323679	47.19 3.12 -11.89	41.08 2.92 -6.45	38.62 2.89 -4.27	38.05 2.77 -4.78	39.05 2.95 -3.97	43.95 2.97 -8.34	53.96 4.40 -5.12	56.09 5.64 -2.18	55.68 5.62 -2.00	53.62 5.31 -2.11	54.92 4.42 -7.95	52.34 4.29 -5.13	48.94 3.89 -4.15	47.59 3.92 -2.86	50.76 3.94 -5.83	55.54 4.91 -7.59	58.22 5.51 -5.60	76.67 7.68 -12.48	67.82 7.19 -4.51	62.15 5.96 -6.49	58.15 5.45 -6.51	55.92 4.91 -7.91	52.94 3.95 -8.71	48.66 3.45 -8.55

JAMAICA__27_KV_LOAD 355505	34.09 1.90 0.00	33.46 1.74 0.00	33.13 1.67 0.00	32.08 1.59 0.00	33.86 1.73 0.00	34.34 1.70 0.00	47.16 2.71 0.00	52.22 3.96 0.00	51.85 3.80 0.00	49.84 3.65 0.00	45.52 2.98 0.00	45.84 2.92 0.00	43.51 2.62 0.00	43.39 2.57 0.00	43.53 2.54 0.00	46.41 3.36 0.00	50.69 3.58 0.00	61.88 5.37 0.00	61.06 4.94 0.00	53.73 4.03 0.00	49.89 3.70 0.00	46.37 3.28 0.00	42.94 2.66 0.00	38.68 2.02 0.00
JANIS__SOLAR 323808	33.44 1.25 0.00	32.99 1.27 0.00	32.66 1.20 0.00	31.71 1.22 0.00	33.53 1.41 0.00	34.31 1.66 0.00	46.98 2.53 0.00	51.45 3.18 0.00	51.13 3.08 0.00	48.96 2.77 0.00	44.88 2.34 0.00	45.19 2.27 0.00	42.94 2.04 0.00	42.82 2.00 0.00	43.04 2.05 0.00	45.63 2.58 0.00	50.45 3.35 0.00	61.37 4.86 0.00	60.62 4.49 0.00	53.48 3.78 0.00	49.57 3.37 0.00	46.07 2.97 0.00	42.41 2.13 0.00	38.68 2.02 0.00
JARVIS____ 23743	32.38 0.19 0.00	31.88 0.16 0.00	31.62 0.16 0.00	30.67 0.18 0.00	32.32 0.19 0.00	32.84 0.20 0.00	44.76 0.31 0.00	48.74 0.48 0.00	48.54 0.48 0.00	46.65 0.46 0.00	42.84 0.30 0.00	43.22 0.30 0.00	41.14 0.25 0.00	41.06 0.25 0.00	41.24 0.25 0.00	43.39 0.34 0.00	47.53 0.42 0.00	57.24 0.73 0.00	56.74 0.62 0.00	50.20 0.50 0.00	46.66 0.46 0.00	43.53 0.43 0.00	40.52 0.24 0.00	36.85 0.18 0.00
JENNISON____1 23625	33.86 1.67 0.00	33.33 1.62 0.00	33.03 1.57 0.00	32.08 1.59 0.00	33.89 1.77 0.00	34.60 1.96 0.00	47.38 2.93 0.00	51.83 3.57 0.00	51.61 3.56 0.00	49.56 3.37 0.00	45.52 2.98 0.00	45.88 2.96 0.00	43.63 2.74 0.00	43.51 2.69 0.00	43.66 2.66 0.00	46.11 3.06 0.00	50.83 3.72 0.00	61.82 5.31 0.00	61.01 4.88 0.00	53.83 4.13 0.00	49.99 3.79 0.00	46.50 3.40 0.00	42.82 2.54 0.00	39.01 2.35 0.00
JENNISON____2 23626	33.86 1.67 0.00	33.33 1.62 0.00	33.03 1.57 0.00	32.08 1.59 0.00	33.89 1.77 0.00	34.60 1.96 0.00	47.38 2.93 0.00	51.83 3.57 0.00	51.61 3.56 0.00	49.56 3.37 0.00	45.52 2.98 0.00	45.88 2.96 0.00	43.63 2.74 0.00	43.51 2.69 0.00	43.66 2.66 0.00	46.11 3.06 0.00	50.83 3.72 0.00	61.82 5.31 0.00	61.01 4.88 0.00	53.83 4.13 0.00	49.99 3.79 0.00	46.50 3.40 0.00	42.82 2.54 0.00	39.01 2.35 0.00
JERICOHO_RISE_WT_PWR 323719	32.80 0.61 0.00	32.45 0.73 0.00	32.03 0.57 0.00	30.89 0.40 0.00	32.54 0.42 0.00	33.16 0.52 0.00	45.20 0.75 0.00	48.55 0.29 0.00	48.39 0.34 0.00	46.33 0.14 0.00	42.97 0.43 0.00	43.18 0.26 0.00	41.26 0.37 0.00	41.27 0.45 0.00	41.61 0.62 0.00	43.44 0.39 0.00	47.48 0.38 0.00	56.00 -0.51 0.00	56.01 -0.11 0.00	50.45 0.75 0.00	46.93 0.74 0.00	43.83 0.73 0.00	41.53 1.25 0.00	38.09 1.43 0.00
KATONAH__115KV_46KV_TB4 355592	34.05 1.87 0.00	33.43 1.71 0.00	33.16 1.70 0.00	32.14 1.65 0.00	33.79 1.67 0.00	34.28 1.63 0.00	47.07 2.62 0.00	51.98 3.72 0.00	51.61 3.56 0.00	49.56 3.37 0.00	45.18 2.64 0.00	45.41 2.49 0.00	43.10 2.21 0.00	43.02 2.20 0.00	43.16 2.17 0.00	45.93 2.88 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.50 4.38 0.00	53.33 3.63 0.00	49.62 3.42 0.00	46.11 3.02 0.00	42.62 2.34 0.00	38.53 1.87 0.00
KCE_NY_1 323755	33.70 1.51 0.00	33.21 1.49 0.00	33.00 1.54 0.00	31.98 1.49 0.00	33.50 1.38 0.00	34.11 1.47 0.00	46.71 2.27 0.00	50.92 2.65 0.00	50.84 2.79 0.00	48.82 2.63 0.00	44.71 2.17 0.00	44.94 2.02 0.00	42.61 1.72 0.00	42.49 1.67 0.00	42.59 1.60 0.00	45.07 2.02 0.00	49.70 2.59 0.00	60.07 3.56 0.00	59.38 3.25 0.00	52.53 2.83 0.00	48.88 2.68 0.00	45.47 2.37 0.00	42.05 1.77 0.00	38.17 1.50 0.00
KCE_NY_6_ESR 323823	31.03 -1.16 0.00	30.70 -1.02 0.00	30.20 -1.26 0.00	29.30 -1.19 0.00	30.93 -1.19 0.00	31.37 -1.27 0.00	42.22 -2.22 0.00	45.70 -2.56 0.00	45.85 -2.21 0.00	44.30 -1.90 0.00	40.97 -1.57 0.00	41.55 -1.38 0.00	39.67 -1.23 0.00	39.51 -1.31 0.00	39.84 -1.15 0.00	41.67 -1.38 0.00	45.70 -1.41 0.00	55.10 -1.41 0.00	53.77 -2.36 0.00	47.37 -2.34 0.00	43.93 -2.26 0.00	40.77 -2.33 0.00	37.94 -2.34 0.00	35.42 -1.25 0.00
KEDC_PORT_JEFF_GT2 24210	47.03 2.96 -11.89	40.95 2.79 -6.45	38.47 2.74 -4.27	37.89 2.62 -4.78	38.89 2.79 -3.97	43.79 2.81 -8.34	53.65 4.09 -5.12	55.75 5.31 -2.18	55.34 5.29 -2.00	53.30 4.99 -2.11	54.62 4.13 -7.95	52.08 4.03 -5.13	48.69 3.64 -4.15	47.35 3.68 -2.86	50.51 3.69 -5.83	55.25 4.61 -7.59	57.85 5.14 -5.60	76.17 7.18 -12.48	67.32 6.68 -4.52	61.76 5.57 -6.49	57.79 5.08 -6.51	55.62 4.61 -7.91	52.70 3.70 -8.71	48.44 3.23 -8.55
KEDC_PORT_JEFF_GT3 24211	47.03 2.96 -11.89	40.95 2.79 -6.45	38.47 2.74 -4.27	37.89 2.62 -4.78	38.89 2.79 -3.97	43.79 2.81 -8.34	53.65 4.09 -5.12	55.75 5.31 -2.18	55.34 5.29 -2.00	53.30 4.99 -2.11	54.62 4.13 -7.95	52.08 4.03 -5.13	48.69 3.64 -4.15	47.35 3.68 -2.86	50.51 3.69 -5.83	55.25 4.61 -7.59	57.85 5.14 -5.60	76.17 7.18 -12.48	67.32 6.68 -4.52	61.76 5.57 -6.49	57.79 5.08 -6.51	55.62 4.61 -7.91	52.70 3.70 -8.71	48.44 3.23 -8.55
KEDC_GLWD_GT4 24219	46.39 2.32 -11.89	40.35 2.19 -6.45	37.87 2.14 -4.27	37.32 2.04 -4.78	38.28 2.19 -3.97	43.14 2.15 -8.34	52.45 2.89 -5.12	54.50 4.05 -2.18	54.00 3.94 -2.00	52.28 3.97 -2.11	53.85 3.36 -7.95	51.40 3.35 -5.13	48.08 3.03 -4.15	46.73 3.06 -2.86	49.82 2.99 -5.83	54.00 3.36 -7.59	56.39 3.68 -5.60	74.41 5.43 -12.47	65.51 4.88 -4.50	60.16 3.98 -6.48	56.44 3.74 -6.51	54.46 3.45 -7.91	52.02 3.02 -8.71	47.71 2.49 -8.55
KEDC_GLWD_GT5 24220	46.39 2.32 -11.89	40.35 2.19 -6.45	37.87 2.14 -4.27	37.32 2.04 -4.78	38.28 2.19 -3.97	43.14 2.15 -8.34	52.45 2.89 -5.12	54.50 4.05 -2.18	54.00 3.94 -2.00	52.28 3.97 -2.11	53.85 3.36 -7.95	51.40 3.35 -5.13	48.08 3.03 -4.15	46.73 3.06 -2.86	49.82 2.99 -5.83	54.00 3.36 -7.59	56.39 3.68 -5.60	74.41 5.43 -12.47	65.51 4.88 -4.50	60.16 3.98 -6.48	56.44 3.74 -6.51	54.46 3.45 -7.91	52.02 3.02 -8.71	47.71 2.49 -8.55
KENSICO____ 23655	33.80 1.61 0.00	33.21 1.49 0.00	32.94 1.48 0.00	31.89 1.40 0.00	33.63 1.51 0.00	34.08 1.44 0.00	46.71 2.27 0.00	51.54 3.28 0.00	51.18 3.12 0.00	49.19 3.00 0.00	44.92 2.38 0.00	45.24 2.32 0.00	42.98 2.09 0.00	42.86 2.04 0.00	43.00 2.01 0.00	45.68 2.63 0.00	50.03 2.92 0.00	60.86 4.35 0.00	60.05 3.93 0.00	52.88 3.18 0.00	49.20 3.00 0.00	45.77 2.67 0.00	42.37 2.09 0.00	38.35 1.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.05 1.87 0.00	33.43 1.71 0.00	33.19 1.73 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.44 1.80 0.00	47.20 2.76 0.00	51.64 3.38 0.00	51.28 3.22 0.00	49.06 2.86 0.00	44.62 2.08 0.00	44.85 1.93 0.00	42.61 1.72 0.00	42.49 1.67 0.00	42.75 1.76 0.00	45.50 2.45 0.00	50.12 3.02 0.00	61.03 4.52 0.00	60.50 4.38 0.00	53.08 3.38 0.00	49.34 3.14 0.00	45.73 2.63 0.00	42.54 2.26 0.00	38.42 1.76 0.00

KLAC_JFK_GT1 23816	33.99 1.80 0.00	33.37 1.65 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.24 1.60 0.00	46.98 2.53 0.00	52.03 3.76 0.00	51.66 3.60 0.00	49.66 3.46 0.00	45.35 2.81 0.00	45.71 2.79 0.00	43.39 2.49 0.00	43.22 2.41 0.00	43.41 2.42 0.00	46.23 3.19 0.00	50.55 3.44 0.00	61.65 5.14 0.00	60.84 4.71 0.00	53.53 3.83 0.00	49.71 3.51 0.00	46.24 3.15 0.00	42.78 2.50 0.00	38.57 1.91 0.00
KIAC_JFK_GT2 23817	33.99 1.80 0.00	33.37 1.65 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.24 1.60 0.00	46.98 2.53 0.00	52.03 3.76 0.00	51.66 3.60 0.00	49.66 3.46 0.00	45.35 2.81 0.00	45.71 2.79 0.00	43.39 2.49 0.00	43.22 2.41 0.00	43.41 2.42 0.00	46.23 3.19 0.00	50.55 3.44 0.00	61.65 5.14 0.00	60.84 4.71 0.00	53.53 3.83 0.00	49.71 3.51 0.00	46.24 3.15 0.00	42.78 2.50 0.00	38.57 1.91 0.00
KIAC_JFK____ 323774	33.99 1.80 0.00	33.36 1.65 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	47.02 2.58 0.00	52.07 3.81 0.00	51.66 3.61 0.00	49.80 3.61 0.00	45.35 2.81 0.00	45.71 2.79 0.00	43.35 2.45 0.00	43.35 2.53 0.00	43.41 2.42 0.00	46.28 3.23 0.00	50.55 3.44 0.00	61.71 5.20 0.00	60.84 4.72 0.00	53.53 3.83 0.00	49.71 3.51 0.00	46.37 3.27 0.00	42.78 2.50 0.00	38.57 1.91 0.00
KINTIGH____ 23543	30.26 -1.93 0.00	29.94 -1.78 0.00	29.51 -1.95 0.00	28.60 -1.89 0.00	30.16 -1.96 0.00	30.59 -2.06 0.00	40.98 -3.47 0.00	44.16 -4.10 0.00	44.07 -3.99 0.00	42.96 -3.23 0.00	39.94 -2.59 0.00	40.43 -2.49 0.00	38.60 -2.29 0.00	38.69 -2.12 0.00	38.82 -2.17 0.00	40.51 -2.54 0.00	44.47 -2.64 0.00	53.51 -3.00 0.00	52.37 -3.76 0.00	46.07 -3.63 0.00	42.73 -3.46 0.00	40.08 -3.02 0.00	36.98 -3.30 0.00	34.39 -2.27 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.19 1.00 0.00	32.89 1.17 0.00	32.44 0.98 0.00	31.28 0.79 0.00	32.99 0.87 0.00	33.66 1.01 0.00	45.91 1.47 0.00	49.57 1.30 0.00	49.45 1.39 0.00	47.25 1.06 0.00	43.73 1.19 0.00	43.91 0.99 0.00	41.96 1.06 0.00	41.96 1.14 0.00	42.39 1.39 0.00	44.30 1.25 0.00	48.52 1.41 0.00	57.19 0.68 0.00	57.14 1.01 0.00	51.64 1.94 0.00	48.00 1.80 0.00	44.82 1.72 0.00	42.33 2.05 0.00	38.97 2.31 0.00
LACHUTE__HYDRO 323717	34.38 2.19 0.00	33.90 2.19 0.00	33.76 2.30 0.00	32.75 2.26 0.00	34.05 1.93 0.00	34.83 2.19 0.00	48.09 3.65 0.00	52.27 4.00 0.00	52.62 4.57 0.00	50.44 4.25 0.00	46.07 3.53 0.00	46.10 3.18 0.00	43.47 2.58 0.00	43.27 2.45 0.00	43.24 2.25 0.00	45.89 2.84 0.00	51.07 3.96 0.00	61.88 5.37 0.00	61.12 4.99 0.00	54.18 4.47 0.00	50.36 4.16 0.00	46.67 3.58 0.00	42.74 2.46 0.00	38.83 2.16 0.00
LAWRNCV_115KV_TB1 80681	31.83 -0.35 0.00	31.46 -0.25 0.00	31.15 -0.31 0.00	30.19 -0.30 0.00	31.83 -0.29 0.00	32.48 -0.16 0.00	44.00 -0.44 0.00	47.35 -0.92 0.00	47.19 -0.86 0.00	45.22 -0.97 0.00	41.90 -0.64 0.00	42.23 -0.69 0.00	40.36 -0.53 0.00	40.29 -0.53 0.00	40.54 -0.45 0.00	42.27 -0.77 0.00	46.07 -1.04 0.00	54.70 -1.81 0.00	54.83 -1.29 0.00	48.86 -0.84 0.00	45.41 -0.79 0.00	42.36 -0.73 0.00	40.04 -0.24 0.00	36.41 -0.26 0.00
LEDERLE____ 23769	33.70 1.51 0.00	33.11 1.40 0.00	32.81 1.35 0.00	31.80 1.31 0.00	33.54 1.41 0.00	34.01 1.37 0.00	46.58 2.13 0.00	51.25 2.99 0.00	50.99 2.93 0.00	48.92 2.73 0.00	44.67 2.13 0.00	44.94 2.02 0.00	42.69 1.80 0.00	42.57 1.76 0.00	42.75 1.76 0.00	45.42 2.37 0.00	49.79 2.69 0.00	60.58 4.07 0.00	59.77 3.65 0.00	52.63 2.93 0.00	48.97 2.77 0.00	45.55 2.46 0.00	42.21 1.93 0.00	38.20 1.54 0.00
LIGHTHSE_115KV_TB6 355974	31.58 -0.61 0.00	31.05 -0.67 0.00	30.80 -0.66 0.00	29.85 -0.64 0.00	31.51 -0.61 0.00	32.12 -0.52 0.00	43.60 -0.84 0.00	47.49 -0.77 0.00	47.24 -0.82 0.00	45.50 -0.69 0.00	41.86 -0.68 0.00	42.19 -0.73 0.00	40.16 -0.74 0.00	40.08 -0.73 0.00	40.25 -0.74 0.00	42.32 -0.73 0.00	46.54 -0.57 0.00	56.23 -0.28 0.00	55.68 -0.45 0.00	49.15 -0.55 0.00	45.69 -0.51 0.00	42.67 -0.43 0.00	39.64 -0.64 0.00	36.08 -0.59 0.00
LINDEN COGEN____ 23786	33.73 1.54 0.00	33.14 1.43 0.00	32.84 1.38 0.00	31.80 1.31 0.00	33.53 1.41 0.00	33.98 1.34 0.00	46.62 2.18 0.00	51.59 3.33 0.00	51.13 3.08 0.00	49.29 3.10 0.00	44.92 2.38 0.00	45.28 2.36 0.00	42.98 2.08 0.00	42.94 2.12 0.00	43.00 2.01 0.00	45.76 2.71 0.00	49.98 2.87 0.00	60.97 4.46 0.00	60.05 3.93 0.00	52.83 3.13 0.00	49.16 2.96 0.00	45.90 2.80 0.00	42.37 2.09 0.00	38.31 1.65 0.00
LINDHRST_69_KV_BK1 356055	46.77 2.70 -11.88	40.72 2.57 -6.44	38.24 2.52 -4.26	37.67 2.41 -4.77	38.65 2.57 -3.96	43.52 2.55 -8.33	53.42 3.87 -5.11	55.45 5.02 -2.17	54.95 4.90 -1.99	52.92 4.62 -2.11	54.36 3.87 -7.95	51.77 3.73 -5.12	48.48 3.44 -4.15	47.05 3.39 -2.85	50.22 3.40 -5.82	54.85 4.22 -7.58	57.46 4.76 -5.59	75.70 6.72 -12.46	66.85 6.23 -4.49	61.34 5.17 -6.47	57.45 4.76 -6.50	55.27 4.27 -7.91	52.49 3.50 -8.71	48.14 2.93 -8.54
LIPA_MISC_IPP 23656	47.09 3.03 -11.88	40.98 2.82 -6.44	38.52 2.80 -4.26	37.95 2.68 -4.77	38.94 2.86 -3.96	43.85 2.87 -8.33	53.46 3.91 -5.11	55.55 5.12 -2.17	55.19 5.14 -1.99	53.24 4.94 -2.11	54.70 4.21 -7.95	52.07 4.03 -5.12	48.72 3.68 -4.15	47.30 3.63 -2.85	50.51 3.69 -5.82	55.19 4.56 -7.58	57.98 5.28 -5.59	76.22 7.23 -12.47	67.36 6.74 -4.50	61.90 5.72 -6.48	57.78 5.08 -6.50	55.40 4.40 -7.91	52.61 3.63 -8.71	48.51 3.30 -8.54
LISF__SOLAR 323691	47.16 3.09 -11.89	41.05 2.89 -6.45	38.59 2.86 -4.27	38.02 2.75 -4.78	39.02 2.92 -3.97	43.92 2.94 -8.34	53.61 4.04 -5.12	55.70 5.26 -2.18	55.39 5.33 -2.00	53.39 5.08 -2.11	54.75 4.25 -7.95	52.17 4.12 -5.13	48.77 3.72 -4.15	47.47 3.80 -2.86	50.64 3.81 -5.83	55.37 4.74 -7.59	58.08 5.37 -5.60	76.45 7.46 -12.48	67.60 6.96 -4.51	62.05 5.86 -6.49	57.92 5.22 -6.51	55.62 4.61 -7.91	52.74 3.75 -8.71	48.59 3.37 -8.55
LITTLE FALLS__HYD 24013	32.67 0.48 0.00	32.16 0.44 0.00	31.90 0.44 0.00	30.92 0.43 0.00	32.60 0.48 0.00	33.13 0.49 0.00	45.20 0.76 0.00	49.18 0.92 0.00	49.02 0.96 0.00	47.16 0.97 0.00	43.39 0.85 0.00	43.78 0.86 0.00	41.67 0.78 0.00	41.55 0.73 0.00	41.77 0.78 0.00	44.00 0.95 0.00	48.19 1.08 0.00	58.09 1.58 0.00	57.59 1.46 0.00	50.94 1.24 0.00	47.35 1.15 0.00	44.26 1.16 0.00	41.21 0.93 0.00	37.51 0.84 0.00
LITTLRIV_115KV_TB1 356100	32.09 -0.10 0.00	31.72 0.00 0.00	31.43 -0.03 0.00	30.46 -0.03 0.00	32.12 0.00 0.00	32.81 0.16 0.00	44.58 0.13 0.00	48.02 -0.24 0.00	47.91 -0.14 0.00	45.87 -0.32 0.00	42.54 0.00 0.00	42.88 -0.04 0.00	40.98 0.08 0.00	40.90 0.08 0.00	41.11 0.12 0.00	42.88 -0.17 0.00	46.73 -0.38 0.00	55.49 -1.02 0.00	55.62 -0.51 0.00	49.55 -0.15 0.00	46.06 -0.14 0.00	42.92 -0.17 0.00	40.52 0.24 0.00	36.85 0.18 0.00

LI_NEWBRDGE___DRP 323616	46.16 2.09 -11.88	40.09 1.93 -6.44	37.64 1.92 -4.26	37.09 1.83 -4.77	38.04 1.96 -3.96	42.90 1.93 -8.33	52.44 2.89 -5.11	54.39 3.96 -2.17	53.89 3.84 -1.99	51.95 3.65 -2.11	53.51 3.02 -7.95	50.96 2.92 -5.12	47.70 2.66 -4.15	46.28 2.61 -2.85	49.44 2.62 -5.82	53.90 3.27 -7.58	56.28 3.58 -5.59	74.11 5.14 -12.46	65.33 4.71 -4.49	60.05 3.88 -6.47	56.34 3.65 -6.50	54.28 3.28 -7.91	51.65 2.66 -8.71	47.41 2.20 -8.54
LOCKPORT_115KV_TB60_63_64 80432	30.26 -1.93 0.00	29.97 -1.74 0.00	29.48 -1.98 0.00	28.57 -1.92 0.00	30.16 -1.96 0.00	30.55 -2.09 0.00	40.85 -3.60 0.00	43.97 -4.30 0.00	43.87 -4.18 0.00	42.87 -3.33 0.00	39.94 -2.59 0.00	40.47 -2.45 0.00	38.65 -2.25 0.00	38.78 -2.04 0.00	38.90 -2.09 0.00	40.55 -2.50 0.00	44.61 -2.50 0.00	53.74 -2.77 0.00	52.37 -3.76 0.00	46.07 -3.63 0.00	42.69 -3.51 0.00	40.08 -3.02 0.00	36.90 -3.38 0.00	34.46 -2.20 0.00
LOCKPORT___CC1 323769	30.26 -1.93 0.00	29.97 -1.74 0.00	29.48 -1.98 0.00	28.60 -1.89 0.00	30.16 -1.96 0.00	30.59 -2.06 0.00	41.16 -3.29 0.00	44.45 -3.81 0.00	44.59 -3.46 0.00	43.14 -3.05 0.00	39.90 -2.64 0.00	40.48 -2.44 0.00	38.65 -2.25 0.00	38.49 -2.32 0.00	38.86 -2.13 0.00	40.64 -2.41 0.00	44.52 -2.59 0.00	53.51 -3.00 0.00	52.31 -3.82 0.00	46.02 -3.68 0.00	42.68 -3.51 0.00	39.61 -3.49 0.00	36.94 -3.34 0.00	34.54 -2.13 0.00
LOCKPORT___CC2 323770	30.26 -1.93 0.00	29.97 -1.74 0.00	29.48 -1.98 0.00	28.60 -1.89 0.00	30.16 -1.96 0.00	30.59 -2.06 0.00	41.16 -3.29 0.00	44.45 -3.81 0.00	44.59 -3.46 0.00	43.14 -3.05 0.00	39.90 -2.64 0.00	40.48 -2.44 0.00	38.65 -2.25 0.00	38.49 -2.32 0.00	38.86 -2.13 0.00	40.64 -2.41 0.00	44.52 -2.59 0.00	53.51 -3.00 0.00	52.31 -3.82 0.00	46.02 -3.68 0.00	42.68 -3.51 0.00	39.61 -3.49 0.00	36.94 -3.34 0.00	34.54 -2.13 0.00
LOCKPORT___CC3 323771	30.26 -1.93 0.00	29.97 -1.74 0.00	29.48 -1.98 0.00	28.60 -1.89 0.00	30.16 -1.96 0.00	30.59 -2.06 0.00	41.16 -3.29 0.00	44.45 -3.81 0.00	44.59 -3.46 0.00	43.14 -3.05 0.00	39.90 -2.64 0.00	40.48 -2.44 0.00	38.65 -2.25 0.00	38.49 -2.32 0.00	38.86 -2.13 0.00	40.64 -2.41 0.00	44.52 -2.59 0.00	53.51 -3.00 0.00	52.31 -3.82 0.00	46.02 -3.68 0.00	42.68 -3.51 0.00	39.61 -3.49 0.00	36.94 -3.34 0.00	34.54 -2.13 0.00
LONG_LAKE_PHOENIX 24014	31.19 -1.00 0.00	30.76 -0.95 0.00	30.52 -0.94 0.00	29.58 -0.91 0.00	31.19 -0.93 0.00	31.73 -0.91 0.00	43.11 -1.33 0.00	47.01 -1.25 0.00	46.76 -1.30 0.00	45.04 -1.15 0.00	41.43 -1.11 0.00	41.85 -1.07 0.00	39.83 -1.06 0.00	39.76 -1.06 0.00	39.93 -1.07 0.00	42.02 -1.03 0.00	46.12 -0.99 0.00	55.55 -0.96 0.00	54.95 -1.18 0.00	48.56 -1.14 0.00	45.09 -1.11 0.00	42.02 -1.08 0.00	39.07 -1.21 0.00	35.60 -1.06 0.00
LOVETT___3 23632	33.54 1.35 0.00	32.95 1.24 0.00	32.66 1.20 0.00	31.65 1.16 0.00	33.37 1.25 0.00	33.85 1.21 0.00	46.31 1.87 0.00	51.01 2.75 0.00	50.70 2.64 0.00	48.69 2.49 0.00	44.45 1.91 0.00	44.77 1.85 0.00	42.53 1.64 0.00	42.41 1.59 0.00	42.55 1.56 0.00	45.20 2.15 0.00	49.56 2.45 0.00	60.24 3.73 0.00	59.44 3.31 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.34 2.24 0.00	42.01 1.73 0.00	38.02 1.36 0.00
LOVETT___4 23642	33.54 1.35 0.00	32.95 1.24 0.00	32.66 1.20 0.00	31.65 1.16 0.00	33.37 1.25 0.00	33.85 1.21 0.00	46.31 1.87 0.00	51.01 2.75 0.00	50.70 2.64 0.00	48.69 2.49 0.00	44.45 1.91 0.00	44.77 1.85 0.00	42.53 1.64 0.00	42.41 1.59 0.00	42.55 1.56 0.00	45.20 2.15 0.00	49.56 2.45 0.00	60.24 3.73 0.00	59.44 3.31 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.34 2.24 0.00	42.01 1.73 0.00	38.02 1.36 0.00
LOVETT___5 23593	33.54 1.35 0.00	32.95 1.24 0.00	32.66 1.20 0.00	31.65 1.16 0.00	33.37 1.25 0.00	33.85 1.21 0.00	46.31 1.87 0.00	51.01 2.75 0.00	50.70 2.64 0.00	48.69 2.49 0.00	44.45 1.91 0.00	44.77 1.85 0.00	42.53 1.64 0.00	42.41 1.59 0.00	42.55 1.56 0.00	45.20 2.15 0.00	49.56 2.45 0.00	60.24 3.73 0.00	59.44 3.31 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.34 2.24 0.00	42.01 1.73 0.00	38.02 1.36 0.00
LOWER RAQUET___HYD 24057	31.67 -0.52 0.00	31.30 -0.41 0.00	30.99 -0.47 0.00	30.03 -0.46 0.00	31.67 -0.45 0.00	32.32 -0.33 0.00	43.87 -0.58 0.00	47.15 -1.11 0.00	47.00 -1.06 0.00	45.04 -1.15 0.00	41.78 -0.76 0.00	42.02 -0.90 0.00	40.20 -0.70 0.00	40.12 -0.69 0.00	40.38 -0.61 0.00	42.06 -0.99 0.00	45.93 -1.18 0.00	54.53 -1.98 0.00	54.61 -1.51 0.00	48.71 -0.99 0.00	45.27 -0.92 0.00	42.23 -0.86 0.00	39.88 -0.40 0.00	36.26 -0.40 0.00
LOWER___HUDSON 24059	33.48 1.29 0.00	32.95 1.24 0.00	32.72 1.26 0.00	31.71 1.22 0.00	33.34 1.22 0.00	33.85 1.21 0.00	46.27 1.82 0.00	50.53 2.27 0.00	50.36 2.31 0.00	48.36 2.17 0.00	44.28 1.74 0.00	44.59 1.67 0.00	42.36 1.47 0.00	42.24 1.43 0.00	42.39 1.39 0.00	44.81 1.77 0.00	49.23 2.12 0.00	59.56 3.05 0.00	58.88 2.75 0.00	51.99 2.29 0.00	48.37 2.17 0.00	45.12 2.03 0.00	41.77 1.49 0.00	37.95 1.28 0.00
LOWVILLE_115KV_TB2 356335	32.38 0.19 0.00	31.91 0.19 0.00	31.62 0.16 0.00	30.67 0.18 0.00	32.41 0.29 0.00	33.17 0.52 0.00	45.29 0.84 0.00	49.28 1.01 0.00	49.02 0.96 0.00	47.02 0.83 0.00	43.22 0.68 0.00	43.48 0.56 0.00	41.34 0.45 0.00	41.31 0.49 0.00	41.48 0.49 0.00	43.69 0.65 0.00	48.05 0.94 0.00	58.09 1.58 0.00	57.70 1.57 0.00	50.99 1.29 0.00	47.35 1.15 0.00	44.04 0.95 0.00	40.92 0.64 0.00	37.14 0.48 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.70 1.51 0.00	33.18 1.46 0.00	32.97 1.51 0.00	31.95 1.46 0.00	33.50 1.38 0.00	34.08 1.44 0.00	46.71 2.27 0.00	50.92 2.65 0.00	50.84 2.79 0.00	48.83 2.63 0.00	44.71 2.17 0.00	44.94 2.02 0.00	42.61 1.72 0.00	42.45 1.63 0.00	42.55 1.56 0.00	45.03 1.98 0.00	49.61 2.50 0.00	60.01 3.50 0.00	59.32 3.20 0.00	52.48 2.78 0.00	48.83 2.63 0.00	45.42 2.33 0.00	42.01 1.73 0.00	38.24 1.58 0.00
LUTHERNY_35_KV_BK2 355980	33.70 1.51 0.00	33.21 1.49 0.00	33.00 1.54 0.00	31.98 1.49 0.00	33.50 1.38 0.00	34.11 1.47 0.00	46.76 2.31 0.00	50.92 2.65 0.00	50.89 2.84 0.00	48.87 2.68 0.00	44.71 2.17 0.00	44.94 2.02 0.00	42.61 1.72 0.00	42.49 1.67 0.00	42.59 1.60 0.00	45.03 1.98 0.00	49.65 2.54 0.00	60.07 3.56 0.00	59.38 3.26 0.00	52.53 2.83 0.00	48.88 2.68 0.00	45.47 2.37 0.00	42.05 1.77 0.00	38.28 1.61 0.00
LWR___OSWEGATCHIE_HYD 23850	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.70 -0.42 0.00	32.38 -0.26 0.00	44.09 -0.36 0.00	47.73 -0.53 0.00	47.53 -0.53 0.00	45.55 -0.65 0.00	41.99 -0.55 0.00	42.28 -0.64 0.00	40.32 -0.57 0.00	40.25 -0.57 0.00	40.46 -0.53 0.00	42.45 -0.60 0.00	46.50 -0.61 0.00	55.78 -0.73 0.00	55.62 -0.51 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	40.00 -0.28 0.00	36.33 -0.33 0.00

LYONS_FALL_HYD 23570	32.60 0.42 0.00	32.10 0.38 0.00	31.84 0.38 0.00	30.89 0.40 0.00	32.63 0.51 0.00	33.33 0.69 0.00	45.51 1.06 0.00	49.61 1.35 0.00	49.35 1.30 0.00	47.39 1.20 0.00	43.52 0.98 0.00	43.82 0.90 0.00	41.67 0.78 0.00	41.59 0.77 0.00	41.77 0.78 0.00	44.04 0.99 0.00	48.38 1.27 0.00	58.43 1.92 0.00	57.98 1.85 0.00	51.24 1.54 0.00	47.58 1.38 0.00	44.26 1.16 0.00	41.13 0.85 0.00	37.32 0.66 0.00
MADISON___COUNTY_LFGE 323628	32.90 0.71 0.00	32.41 0.70 0.00	32.15 0.69 0.00	31.19 0.70 0.00	32.92 0.80 0.00	33.62 0.98 0.00	45.91 1.47 0.00	50.05 1.79 0.00	49.83 1.78 0.00	47.86 1.66 0.00	43.94 1.40 0.00	44.25 1.33 0.00	42.12 1.23 0.00	42.04 1.22 0.00	42.18 1.19 0.00	44.51 1.46 0.00	48.90 1.79 0.00	59.05 2.54 0.00	58.43 2.30 0.00	51.59 1.89 0.00	47.91 1.71 0.00	44.60 1.51 0.00	41.33 1.05 0.00	37.62 0.95 0.00
MALONE___115KV_TB1 356076	32.86 0.68 0.00	32.54 0.82 0.00	32.12 0.66 0.00	31.04 0.55 0.00	32.73 0.61 0.00	33.36 0.72 0.00	45.47 1.02 0.00	48.94 0.68 0.00	48.87 0.82 0.00	46.75 0.55 0.00	43.35 0.81 0.00	43.56 0.64 0.00	41.63 0.74 0.00	41.59 0.78 0.00	41.98 0.98 0.00	43.78 0.73 0.00	47.91 0.80 0.00	56.68 0.17 0.00	56.69 0.56 0.00	50.89 1.19 0.00	47.31 1.11 0.00	44.17 1.08 0.00	41.77 1.49 0.00	38.20 1.54 0.00
MAPLEWOD_115KV_TB3 80458	33.38 1.19 0.00	32.86 1.14 0.00	32.59 1.13 0.00	31.62 1.13 0.00	33.21 1.09 0.00	33.79 1.14 0.00	46.22 1.78 0.00	50.48 2.22 0.00	50.31 2.26 0.00	48.36 2.17 0.00	44.07 1.53 0.00	44.34 1.42 0.00	42.12 1.23 0.00	42.04 1.22 0.00	42.14 1.15 0.00	44.51 1.46 0.00	48.99 1.88 0.00	59.17 2.66 0.00	58.48 2.36 0.00	51.69 1.99 0.00	48.09 1.89 0.00	44.82 1.72 0.00	41.57 1.29 0.00	37.80 1.14 0.00
MAPLE_RIDGE_WT_1 323574	32.19 0.00 0.00	31.72 0.00 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.12 0.00 0.00	32.64 0.00 0.00	44.45 0.00 0.00	48.07 -0.19 0.00	47.86 -0.19 0.00	46.01 -0.18 0.00	42.45 -0.08 0.00	42.84 -0.09 0.00	40.85 -0.04 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	42.92 -0.13 0.00	46.88 -0.23 0.00	56.00 -0.51 0.00	55.79 -0.33 0.00	49.50 -0.20 0.00	46.01 -0.18 0.00	42.97 -0.13 0.00	40.36 0.08 0.00	36.74 0.07 0.00
MAPLE_RIDGE_WT_2 323611	32.19 0.00 0.00	31.72 0.00 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.12 0.00 0.00	32.64 0.00 0.00	44.45 0.00 0.00	48.07 0.00 0.00	47.86 -0.19 0.00	46.01 -0.18 0.00	42.45 -0.08 0.00	42.84 -0.09 0.00	40.85 -0.04 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	42.92 -0.13 0.00	46.88 -0.23 0.00	56.00 -0.51 0.00	55.79 -0.33 0.00	49.50 0.00 0.00	46.01 -0.18 0.00	42.97 -0.13 0.00	40.36 0.08 0.00	36.74 0.07 0.00
MARBLE_RIVER_WT_PWR 323696	32.83 0.64 0.00	32.48 0.76 0.00	32.06 0.60 0.00	30.92 0.43 0.00	32.57 0.45 0.00	33.20 0.55 0.00	45.29 0.84 0.00	48.60 0.34 0.00	48.44 0.38 0.00	46.42 0.23 0.00	43.01 0.47 0.00	43.22 0.30 0.00	41.30 0.41 0.00	41.31 0.49 0.00	41.65 0.65 0.00	43.48 0.43 0.00	47.58 0.47 0.00	56.06 -0.45 0.00	56.01 -0.11 0.00	50.54 0.84 0.00	46.98 0.78 0.00	43.91 0.82 0.00	41.57 1.29 0.00	38.20 1.54 0.00
MARSHVLE_115KV_TB1 80742	34.25 2.06 0.00	33.81 2.09 0.00	33.54 2.08 0.00	32.50 2.01 0.00	34.18 2.06 0.00	34.93 2.29 0.00	48.05 3.60 0.00	52.08 3.81 0.00	51.95 3.89 0.00	49.80 3.60 0.00	45.60 3.06 0.00	45.75 2.83 0.00	43.59 2.70 0.00	43.43 2.61 0.00	43.53 2.54 0.00	46.19 3.14 0.00	50.97 3.86 0.00	61.88 5.37 0.00	61.12 5.00 0.00	54.12 4.42 0.00	50.31 4.11 0.00	46.93 3.84 0.00	43.10 2.82 0.00	39.27 2.60 0.00
MARSH_HILL_WT_PWR 323713	31.74 -0.45 0.00	31.40 -0.32 0.00	30.99 -0.47 0.00	30.06 -0.43 0.00	31.77 -0.35 0.00	32.38 -0.26 0.00	43.78 -0.67 0.00	47.69 -0.58 0.00	47.62 -0.43 0.00	45.92 -0.28 0.00	42.37 -0.17 0.00	42.88 -0.04 0.00	40.85 -0.04 0.00	40.74 -0.08 0.00	41.12 0.12 0.00	43.65 0.60 0.00	48.14 1.04 0.00	58.20 1.69 0.00	57.08 0.95 0.00	50.30 0.60 0.00	46.61 0.41 0.00	43.27 0.17 0.00	40.08 -0.20 0.00	37.07 0.40 0.00
MCINTYRE_115KV_TB2 80467	32.48 0.29 0.00	32.10 0.38 0.00	31.78 0.31 0.00	30.83 0.34 0.00	32.48 0.35 0.00	33.20 0.55 0.00	45.02 0.58 0.00	48.55 0.29 0.00	48.39 0.34 0.00	46.33 0.14 0.00	42.97 0.43 0.00	43.31 0.39 0.00	41.43 0.53 0.00	41.35 0.53 0.00	41.61 0.61 0.00	43.35 0.30 0.00	47.20 0.09 0.00	56.06 -0.45 0.00	56.18 0.06 0.00	50.10 0.40 0.00	46.52 0.32 0.00	43.35 0.26 0.00	41.01 0.73 0.00	37.25 0.59 0.00
MECO_____69_KV_BK1 80468	35.76 3.57 0.00	35.36 3.65 0.00	35.08 3.62 0.00	33.91 3.41 0.00	35.49 3.37 0.00	36.40 3.75 0.00	50.22 5.78 0.00	54.34 6.08 0.00	54.35 6.30 0.00	52.01 5.82 0.00	47.52 4.98 0.00	47.60 4.68 0.00	45.15 4.25 0.00	44.94 4.12 0.00	45.01 4.02 0.00	48.00 4.95 0.00	53.42 6.31 0.00	64.87 8.36 0.00	63.93 7.80 0.00	56.76 7.06 0.00	52.85 6.65 0.00	49.17 6.08 0.00	44.91 4.63 0.00	41.03 4.36 0.00
MENANDS___115KV_TB5 355628	33.25 1.06 0.00	32.73 1.01 0.00	32.50 1.04 0.00	31.53 1.04 0.00	33.12 1.00 0.00	33.66 1.01 0.00	46.05 1.60 0.00	50.24 1.98 0.00	50.12 2.07 0.00	48.13 1.94 0.00	43.86 1.32 0.00	44.12 1.20 0.00	41.92 1.02 0.00	41.84 1.02 0.00	41.98 0.98 0.00	44.30 1.25 0.00	48.71 1.60 0.00	58.83 2.32 0.00	58.15 2.02 0.00	51.39 1.69 0.00	47.81 1.62 0.00	44.56 1.47 0.00	41.37 1.09 0.00	37.62 0.95 0.00
MG INDUSTRY___DRP 24185	33.25 1.06 0.00	32.73 1.01 0.00	32.50 1.04 0.00	31.53 1.04 0.00	33.12 1.00 0.00	33.66 1.01 0.00	46.00 1.56 0.00	50.14 1.88 0.00	50.03 1.97 0.00	48.04 1.85 0.00	43.82 1.28 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.84 1.02 0.00	41.93 0.94 0.00	44.25 1.21 0.00	48.66 1.55 0.00	58.66 2.15 0.00	58.03 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.52 1.42 0.00	41.37 1.09 0.00	37.65 0.99 0.00
MID___OSWEGATCHIE_HYD 23849	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.70 -0.42 0.00	32.38 -0.26 0.00	44.09 -0.36 0.00	47.73 -0.53 0.00	47.53 -0.53 0.00	45.55 -0.65 0.00	41.99 -0.55 0.00	42.28 -0.64 0.00	40.32 -0.57 0.00	40.25 -0.57 0.00	40.46 -0.53 0.00	42.45 -0.60 0.00	46.50 -0.61 0.00	55.78 -0.73 0.00	55.62 -0.51 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	40.00 -0.28 0.00	36.33 -0.33 0.00
MID___RAQUETTE_HYD 23851	31.67 -0.51 0.00	31.30 -0.41 0.00	30.99 -0.47 0.00	30.03 -0.46 0.00	31.67 -0.45 0.00	32.32 -0.33 0.00	43.82 -0.62 0.00	47.20 -1.06 0.00	47.00 -1.06 0.00	45.04 -1.15 0.00	41.73 -0.81 0.00	42.06 -0.86 0.00	40.20 -0.70 0.00	40.12 -0.69 0.00	40.38 -0.61 0.00	42.10 -0.95 0.00	45.88 -1.22 0.00	54.53 -1.98 0.00	54.61 -1.52 0.00	48.71 -0.99 0.00	45.27 -0.92 0.00	42.19 -0.91 0.00	39.92 -0.36 0.00	36.26 -0.40 0.00

MILLIKEN___1 23584	32.51 0.32 0.00	32.07 0.35 0.00	31.78 0.31 0.00	30.83 0.34 0.00	32.54 0.42 0.00	33.13 0.49 0.00	45.20 0.76 0.00	49.37 1.11 0.00	49.06 1.01 0.00	47.21 1.02 0.00	43.48 0.94 0.00	43.78 0.86 0.00	41.63 0.74 0.00	41.55 0.73 0.00	41.73 0.74 0.00	44.04 0.99 0.00	48.52 1.41 0.00	58.71 2.20 0.00	57.98 1.85 0.00	51.14 1.44 0.00	47.44 1.25 0.00	44.22 1.12 0.00	40.84 0.56 0.00	37.29 0.62 0.00
MILLIKEN___2 23585	32.51 0.32 0.00	32.07 0.35 0.00	31.78 0.31 0.00	30.83 0.34 0.00	32.54 0.42 0.00	33.13 0.49 0.00	45.20 0.76 0.00	49.37 1.11 0.00	49.06 1.01 0.00	47.21 1.02 0.00	43.48 0.94 0.00	43.78 0.86 0.00	41.63 0.74 0.00	41.55 0.73 0.00	41.73 0.74 0.00	44.04 0.99 0.00	48.52 1.41 0.00	58.71 2.20 0.00	57.98 1.85 0.00	51.14 1.44 0.00	47.44 1.25 0.00	44.22 1.12 0.00	40.84 0.56 0.00	37.29 0.62 0.00
MILLIKEN___DIESEL 23629	32.51 0.32 0.00	32.07 0.35 0.00	31.78 0.31 0.00	30.83 0.34 0.00	32.54 0.42 0.00	33.13 0.49 0.00	45.20 0.76 0.00	49.37 1.11 0.00	49.06 1.01 0.00	47.21 1.02 0.00	43.48 0.94 0.00	43.78 0.86 0.00	41.63 0.74 0.00	41.55 0.73 0.00	41.73 0.74 0.00	44.04 0.99 0.00	48.52 1.41 0.00	58.71 2.20 0.00	57.98 1.85 0.00	51.14 1.44 0.00	47.44 1.25 0.00	44.22 1.12 0.00	40.84 0.56 0.00	37.29 0.62 0.00
MILLSEAT___LFGE 323607	30.71 -1.48 0.00	30.45 -1.27 0.00	29.98 -1.48 0.00	29.06 -1.43 0.00	30.68 -1.44 0.00	31.18 -1.47 0.00	42.00 -2.44 0.00	45.61 -2.65 0.00	45.94 -2.11 0.00	44.30 -1.90 0.00	40.97 -1.57 0.00	41.38 -1.54 0.00	39.42 -1.47 0.00	39.31 -1.51 0.00	39.72 -1.27 0.00	41.63 -1.42 0.00	45.65 -1.46 0.00	55.04 -1.47 0.00	53.82 -2.30 0.00	47.32 -2.38 0.00	43.79 -2.40 0.00	40.60 -2.50 0.00	37.78 -2.50 0.00	35.16 -1.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.76 1.58 0.00	33.14 1.43 0.00	32.88 1.42 0.00	31.83 1.34 0.00	33.57 1.45 0.00	34.05 1.40 0.00	46.62 2.18 0.00	51.40 3.14 0.00	51.08 3.03 0.00	49.06 2.86 0.00	44.84 2.30 0.00	45.11 2.19 0.00	42.86 1.96 0.00	42.74 1.92 0.00	42.88 1.89 0.00	45.59 2.54 0.00	49.89 2.78 0.00	60.69 4.18 0.00	59.89 3.76 0.00	52.78 3.08 0.00	49.11 2.91 0.00	45.68 2.59 0.00	42.29 2.01 0.00	38.28 1.61 0.00
MILLWOOD_13_KV_LOAD 356217	33.83 1.64 0.00	33.24 1.52 0.00	32.94 1.48 0.00	31.92 1.43 0.00	33.60 1.48 0.00	34.08 1.44 0.00	46.71 2.27 0.00	51.59 3.33 0.00	51.23 3.17 0.00	49.19 3.00 0.00	44.92 2.38 0.00	45.20 2.27 0.00	42.90 2.00 0.00	42.82 1.97 0.00	42.96 1.97 0.00	45.68 2.63 0.00	50.03 2.92 0.00	60.92 4.41 0.00	60.05 3.93 0.00	52.93 3.23 0.00	49.25 3.05 0.00	45.81 2.72 0.00	42.37 2.09 0.00	38.31 1.65 0.00
MODEL_CITY_ENERGY 24167	29.90 -2.28 0.00	29.62 -2.09 0.00	29.13 -2.33 0.00	28.27 -2.22 0.00	29.81 -2.31 0.00	30.23 -2.42 0.00	40.62 -3.82 0.00	43.82 -4.44 0.00	43.97 -4.08 0.00	42.54 -3.65 0.00	39.39 -3.15 0.00	39.96 -2.96 0.00	38.11 -2.78 0.00	38.00 -2.82 0.00	38.33 -2.66 0.00	40.08 -2.97 0.00	43.90 -3.21 0.00	52.78 -3.73 0.00	51.52 -4.60 0.00	45.38 -4.32 0.00	42.09 -4.11 0.00	39.04 -4.05 0.00	36.41 -3.87 0.00	34.10 -2.57 0.00
MODERN_LFGE___ 323580	29.90 -2.28 0.00	29.62 -2.09 0.00	29.13 -2.33 0.00	28.27 -2.22 0.00	29.81 -2.31 0.00	30.23 -2.42 0.00	40.62 -3.82 0.00	43.82 -4.44 0.00	43.97 -4.08 0.00	42.54 -3.65 0.00	39.39 -3.15 0.00	39.96 -2.96 0.00	38.11 -2.78 0.00	38.00 -2.82 0.00	38.33 -2.66 0.00	40.08 -2.97 0.00	43.90 -3.21 0.00	52.78 -3.73 0.00	51.52 -4.60 0.00	45.38 -4.32 0.00	42.09 -4.11 0.00	39.04 -4.05 0.00	36.41 -3.87 0.00	34.10 -2.57 0.00
MOHAWK_PAPER___DRP 24187	33.38 1.19 0.00	32.86 1.14 0.00	32.59 1.13 0.00	31.62 1.13 0.00	33.21 1.09 0.00	33.79 1.14 0.00	46.22 1.78 0.00	50.48 2.22 0.00	50.31 2.26 0.00	48.36 2.17 0.00	44.07 1.53 0.00	44.34 1.42 0.00	42.12 1.23 0.00	42.04 1.22 0.00	42.14 1.15 0.00	44.51 1.46 0.00	48.99 1.88 0.00	59.17 2.66 0.00	58.48 2.36 0.00	51.69 1.99 0.00	48.09 1.89 0.00	44.82 1.72 0.00	41.57 1.29 0.00	37.80 1.14 0.00
MOHICAN___35_KV_115KV_LD 80490	33.57 1.38 0.00	33.08 1.36 0.00	32.94 1.48 0.00	31.92 1.43 0.00	33.31 1.19 0.00	33.95 1.31 0.00	46.71 2.27 0.00	50.72 2.46 0.00	50.84 2.79 0.00	48.78 2.59 0.00	44.58 2.04 0.00	44.77 1.85 0.00	42.33 1.43 0.00	42.16 1.35 0.00	42.22 1.23 0.00	44.73 1.68 0.00	49.47 2.36 0.00	59.90 3.39 0.00	59.21 3.09 0.00	52.43 2.73 0.00	48.74 2.54 0.00	45.29 2.20 0.00	41.73 1.45 0.00	38.02 1.36 0.00
MONGAUP___HYD 23641	33.83 1.64 0.00	33.24 1.52 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.73 1.61 0.00	34.24 1.60 0.00	46.45 2.00 0.00	50.67 2.41 0.00	50.31 2.26 0.00	48.18 1.98 0.00	43.86 1.32 0.00	44.12 1.20 0.00	41.87 0.98 0.00	41.84 1.02 0.00	42.06 1.06 0.00	44.68 1.64 0.00	49.18 2.07 0.00	59.28 2.77 0.00	59.27 3.14 0.00	52.09 2.39 0.00	48.37 2.17 0.00	44.99 1.89 0.00	41.77 1.49 0.00	38.17 1.50 0.00
MONTAUK___DIESEL 23721	48.31 4.25 -11.88	42.15 4.00 -6.44	39.69 3.96 -4.26	39.08 3.81 -4.77	40.10 4.02 -3.96	45.05 4.08 -8.33	55.20 5.64 -5.11	57.53 7.09 -2.17	57.16 7.11 -1.99	55.04 6.74 -2.11	56.27 5.79 -7.95	53.58 5.54 -5.12	50.11 5.07 -4.15	48.68 5.02 -2.85	51.94 5.12 -5.82	56.87 6.24 -7.58	59.96 7.25 -5.59	78.98 10.00 -12.47	70.00 9.37 -4.50	64.18 8.00 -6.48	59.76 7.07 -6.50	57.16 6.16 -7.91	54.06 5.08 -8.71	49.86 4.66 -8.54
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.70 -0.48 0.00	31.34 -0.38 0.00	30.86 -0.60 0.00	30.03 -0.46 0.00	31.74 -0.39 0.00	32.28 -0.36 0.00	43.47 -0.98 0.00	47.35 -0.92 0.00	47.29 -0.77 0.00	46.10 -0.09 0.00	42.88 0.34 0.00	43.39 0.47 0.00	41.51 0.61 0.00	41.51 0.69 0.00	41.69 0.70 0.00	43.39 0.34 0.00	47.91 0.80 0.00	57.98 1.47 0.00	56.35 0.22 0.00	49.65 -0.05 0.00	46.01 -0.18 0.00	42.97 -0.13 0.00	39.47 -0.81 0.00	36.66 0.00 0.00
MORTIMER_115KV_TB3 55949	30.96 -1.22 0.00	30.64 -1.08 0.00	30.27 -1.20 0.00	29.33 -1.16 0.00	30.93 -1.19 0.00	31.44 -1.21 0.00	42.40 -2.04 0.00	46.04 -2.22 0.00	45.99 -2.07 0.00	44.58 -1.62 0.00	41.31 -1.23 0.00	41.81 -1.12 0.00	39.75 -1.15 0.00	39.84 -0.98 0.00	40.01 -0.98 0.00	41.89 -1.16 0.00	46.03 -1.08 0.00	55.49 -1.02 0.00	54.50 -1.63 0.00	47.96 -1.74 0.00	44.44 -1.76 0.00	41.50 -1.59 0.00	38.39 -1.89 0.00	35.38 -1.28 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.96 1.77 0.00	33.33 1.62 0.00	33.07 1.60 0.00	31.98 1.49 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	45.98 2.93 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.43 3.23 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.53 1.87 0.00

MUNSVILLE_WIND_PWR 323609	34.51 2.32 0.00	34.00 2.28 0.00	33.66 2.20 0.00	32.75 2.26 0.00	34.66 2.54 0.00	35.58 2.94 0.00	48.89 4.44 0.00	53.71 5.45 0.00	53.48 5.43 0.00	51.14 4.94 0.00	46.83 4.29 0.00	47.25 4.33 0.00	44.86 3.97 0.00	44.70 3.88 0.00	44.93 3.94 0.00	47.61 4.56 0.00	52.71 5.60 0.00	64.42 7.91 0.00	63.65 7.52 0.00	56.11 6.41 0.00	52.02 5.82 0.00	48.27 5.17 0.00	44.31 4.03 0.00	40.29 3.63 0.00
N SALMON___HYD 24042	32.86 0.68 0.00	32.54 0.82 0.00	32.12 0.66 0.00	31.04 0.55 0.00	32.73 0.61 0.00	33.36 0.72 0.00	45.51 1.06 0.00	48.94 0.68 0.00	48.87 0.82 0.00	46.75 0.56 0.00	43.39 0.85 0.00	43.57 0.64 0.00	41.63 0.74 0.00	41.59 0.77 0.00	41.97 0.98 0.00	43.78 0.73 0.00	47.91 0.80 0.00	56.68 0.17 0.00	56.69 0.56 0.00	50.89 1.19 0.00	47.30 1.11 0.00	44.17 1.08 0.00	41.77 1.49 0.00	38.20 1.54 0.00
N.AKRON__115KV_KNAPP 355671	30.74 -1.45 0.00	30.45 -1.27 0.00	29.98 -1.48 0.00	29.06 -1.43 0.00	30.68 -1.45 0.00	31.14 -1.50 0.00	41.73 -2.71 0.00	45.13 -3.14 0.00	45.08 -2.98 0.00	43.93 -2.26 0.00	40.88 -1.66 0.00	41.33 -1.59 0.00	39.42 -1.47 0.00	39.55 -1.27 0.00	39.72 -1.27 0.00	41.46 -1.59 0.00	45.70 -1.41 0.00	55.10 -1.41 0.00	53.77 -2.36 0.00	47.27 -2.44 0.00	43.75 -2.45 0.00	40.98 -2.11 0.00	37.74 -2.54 0.00	35.09 -1.58 0.00
N.BELMOR_69_KV_BK1 55787	46.38 2.32 -11.88	40.34 2.19 -6.44	37.86 2.14 -4.26	37.31 2.04 -4.77	38.27 2.18 -3.96	43.13 2.15 -8.33	52.80 3.24 -5.11	54.78 4.34 -2.17	54.23 4.18 -1.99	52.27 3.97 -2.11	53.80 3.32 -7.95	51.26 3.22 -5.12	47.99 2.94 -4.15	46.56 2.90 -2.85	49.73 2.91 -5.82	54.24 3.62 -7.58	56.71 4.00 -5.59	74.79 5.82 -12.46	65.95 5.33 -4.49	60.54 4.37 -6.47	56.76 4.07 -6.50	54.66 3.66 -7.91	51.97 2.98 -8.71	47.70 2.49 -8.54
N.E_GEN_SANDY PD 24062	44.13 1.51 -10.43	41.32 1.43 -8.18	39.79 1.45 -6.88	41.82 1.40 -9.93	42.30 1.45 -8.73	44.80 1.40 -10.75	56.50 2.09 -9.96	60.20 2.75 -9.19	56.00 2.69 -5.26	51.37 2.59 -2.59	50.00 2.04 -5.42	47.94 2.02 -3.00	45.62 1.80 -2.93	45.61 1.79 -3.00	46.94 1.76 -4.19	48.24 2.19 -3.00	50.75 2.54 -1.10	69.03 3.62 -8.90	61.34 3.31 -1.90	52.38 2.68 0.00	54.60 2.59 -5.82	53.10 2.37 -7.64	47.20 1.85 -5.07	44.00 1.58 -5.76
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.60 1.42 0.00	32.99 1.27 0.00	32.72 1.26 0.00	31.68 1.19 0.00	33.41 1.28 0.00	33.88 1.24 0.00	46.40 1.96 0.00	51.11 2.85 0.00	50.79 2.74 0.00	48.73 2.54 0.00	44.50 1.96 0.00	44.81 1.89 0.00	42.57 1.68 0.00	42.45 1.63 0.00	42.59 1.60 0.00	45.24 2.20 0.00	49.61 2.50 0.00	60.35 3.84 0.00	59.55 3.42 0.00	52.43 2.73 0.00	48.78 2.59 0.00	45.38 2.28 0.00	42.05 1.77 0.00	38.06 1.39 0.00
N.QUEENS_27_KV_LOAD 356247	34.32 2.12 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.37 1.73 0.00	46.76 2.31 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.27 2.37 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.11 3.06 0.00	50.27 3.16 0.00	61.37 4.86 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.38 3.19 0.00	46.20 3.10 0.00	42.94 2.66 0.00	38.79 2.13 0.00
N.TROY___115KV_TB1 355778	33.47 1.29 0.00	32.95 1.24 0.00	32.72 1.26 0.00	31.71 1.22 0.00	33.34 1.22 0.00	33.85 1.21 0.00	46.36 1.91 0.00	50.63 2.36 0.00	50.46 2.40 0.00	48.46 2.26 0.00	44.33 1.79 0.00	44.59 1.67 0.00	42.37 1.47 0.00	42.25 1.43 0.00	42.39 1.39 0.00	44.77 1.72 0.00	49.23 2.12 0.00	59.50 3.00 0.00	58.88 2.75 0.00	51.99 2.29 0.00	48.37 2.17 0.00	45.08 1.98 0.00	41.81 1.53 0.00	37.98 1.32 0.00
NARROWS_GT1_1 24228	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT1_2 24229	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT1_3 24230	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT1_4 24231	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT1_5 24232	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT1_6 24233	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT1_7 24234	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00

NARROWS_GT1_8 24235	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_1 24236	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_2 24237	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_3 24238	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_4 24239	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_5 24240	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_6 24241	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_7 24242	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NARROWS_GT2_8 24243	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.22 3.88 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.83 1.64 0.00	33.30 1.59 0.00	33.10 1.64 0.00	32.11 1.62 0.00	33.73 1.61 0.00	34.31 1.66 0.00	47.11 2.67 0.00	50.97 2.70 0.00	50.94 2.88 0.00	48.69 2.49 0.00	43.99 1.45 0.00	44.12 1.20 0.00	41.84 0.94 0.00	41.80 0.98 0.00	41.98 0.98 0.00	44.38 1.33 0.00	49.18 2.07 0.00	59.39 2.88 0.00	58.99 2.86 0.00	52.04 2.34 0.00	48.32 2.13 0.00	44.86 1.77 0.00	41.77 1.49 0.00	38.02 1.36 0.00
NCHELSEA_115KV_TR2 355582	34.18 2.00 0.00	33.56 1.84 0.00	33.32 1.86 0.00	32.29 1.80 0.00	34.02 1.90 0.00	34.50 1.86 0.00	47.33 2.89 0.00	51.83 3.57 0.00	51.56 3.51 0.00	49.43 3.23 0.00	44.92 2.38 0.00	45.15 2.23 0.00	42.86 1.96 0.00	42.74 1.92 0.00	43.00 2.01 0.00	45.72 2.67 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.56 4.43 0.00	53.23 3.53 0.00	49.48 3.28 0.00	45.90 2.80 0.00	42.62 2.34 0.00	38.57 1.91 0.00
NEG CAPITAL___MECHNVIL 23645	33.73 1.54 0.00	33.21 1.49 0.00	33.00 1.54 0.00	31.98 1.49 0.00	33.53 1.41 0.00	34.11 1.47 0.00	46.71 2.27 0.00	50.96 2.70 0.00	50.89 2.83 0.00	48.87 2.68 0.00	44.75 2.21 0.00	45.02 2.10 0.00	42.69 1.80 0.00	42.57 1.75 0.00	42.63 1.64 0.00	45.12 2.07 0.00	49.75 2.64 0.00	60.18 3.67 0.00	59.49 3.37 0.00	52.58 2.88 0.00	48.92 2.72 0.00	45.55 2.46 0.00	42.09 1.81 0.00	38.24 1.58 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.51 -1.68 0.00	30.19 -1.52 0.00	29.86 -1.60 0.00	28.94 -1.55 0.00	30.52 -1.61 0.00	31.04 -1.60 0.00	42.00 -2.44 0.00	45.85 -2.41 0.00	45.85 -2.21 0.00	44.11 -2.08 0.00	40.71 -1.83 0.00	41.16 -1.76 0.00	39.18 -1.72 0.00	39.06 -1.75 0.00	39.35 -1.64 0.00	41.33 -1.72 0.00	45.32 -1.79 0.00	54.59 -1.92 0.00	53.82 -2.30 0.00	47.37 -2.34 0.00	43.89 -2.31 0.00	40.77 -2.33 0.00	37.90 -2.38 0.00	34.83 -1.83 0.00
NEG CENTRAL___DRP 24199	31.77 -0.42 0.00	31.40 -0.32 0.00	31.08 -0.38 0.00	30.12 -0.37 0.00	31.83 -0.29 0.00	32.42 -0.23 0.00	44.67 0.22 0.00	48.75 0.48 0.00	48.44 0.38 0.00	46.65 0.46 0.00	43.05 0.51 0.00	43.35 0.43 0.00	41.26 0.37 0.00	41.18 0.37 0.00	41.32 0.33 0.00	43.61 0.56 0.00	48.10 0.99 0.00	58.21 1.70 0.00	57.36 1.23 0.00	50.55 0.84 0.00	46.89 0.69 0.00	43.66 0.56 0.00	40.28 0.00 0.00	37.03 0.37 0.00
NEG CENTRAL___INDECK 23768	32.16 -0.03 0.00	31.88 0.16 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.22 0.10 0.00	32.87 0.23 0.00	43.02 -1.42 0.00	47.10 -1.16 0.00	47.00 -1.06 0.00	45.08 -1.11 0.00	41.56 -0.98 0.00	42.02 -0.90 0.00	39.96 -0.94 0.00	39.80 -1.02 0.00	40.33 -0.66 0.00	42.58 -0.47 0.00	47.02 -0.09 0.00	56.74 0.23 0.00	55.62 -0.51 0.00	49.15 -0.55 0.00	45.46 -0.74 0.00	42.11 -0.99 0.00	40.28 0.00 0.00	37.14 0.48 0.00

NEG CENTRAL___SENECA 23627	31.93 -0.26 0.00	31.56 -0.16 0.00	31.21 -0.25 0.00	30.28 -0.21 0.00	31.96 -0.16 0.00	32.58 -0.07 0.00	45.25 0.80 0.00	49.37 1.11 0.00	49.06 1.01 0.00	47.21 1.02 0.00	43.60 1.06 0.00	43.95 1.03 0.00	41.79 0.90 0.00	41.71 0.90 0.00	41.89 0.90 0.00	44.25 1.21 0.00	48.95 1.84 0.00	59.28 2.77 0.00	58.31 2.19 0.00	51.39 1.69 0.00	47.63 1.43 0.00	44.35 1.25 0.00	40.76 0.48 0.00	37.65 0.99 0.00
NEG CENTRAL___STATE_STREET 24147	31.87 -0.32 0.00	31.43 -0.29 0.00	31.15 -0.31 0.00	30.22 -0.27 0.00	31.86 -0.26 0.00	32.48 -0.16 0.00	44.31 -0.13 0.00	48.41 0.14 0.00	48.15 0.10 0.00	46.38 0.18 0.00	42.75 0.21 0.00	43.09 0.17 0.00	40.98 0.08 0.00	40.90 0.08 0.00	41.07 0.08 0.00	43.26 0.22 0.00	47.58 0.47 0.00	57.47 0.96 0.00	56.74 0.62 0.00	50.10 0.40 0.00	46.47 0.28 0.00	43.27 0.17 0.00	40.00 -0.28 0.00	36.55 -0.11 0.00
NEG MILLWOOD___DRP 24198	34.31 2.12 0.00	33.68 1.97 0.00	33.41 1.95 0.00	32.38 1.89 0.00	34.05 1.93 0.00	34.50 1.86 0.00	47.42 2.98 0.00	52.22 3.96 0.00	51.90 3.84 0.00	49.75 3.56 0.00	45.26 2.72 0.00	45.41 2.49 0.00	43.10 2.21 0.00	43.02 2.20 0.00	43.21 2.21 0.00	45.98 2.93 0.00	50.55 3.44 0.00	61.65 5.14 0.00	60.90 4.77 0.00	53.63 3.93 0.00	49.89 3.70 0.00	46.29 3.19 0.00	42.82 2.54 0.00	38.68 2.02 0.00
NEG NORTH_FLCN_SEA 23793	33.06 0.87 0.00	32.73 1.01 0.00	32.28 0.82 0.00	31.16 0.67 0.00	32.83 0.71 0.00	33.46 0.82 0.00	45.60 1.16 0.00	49.03 0.77 0.00	48.87 0.82 0.00	46.79 0.60 0.00	43.31 0.77 0.00	43.52 0.60 0.00	41.59 0.70 0.00	41.59 0.78 0.00	41.98 0.98 0.00	43.87 0.82 0.00	48.00 0.90 0.00	56.17 -0.34 0.00	56.18 0.06 0.00	51.04 1.34 0.00	47.44 1.25 0.00	44.35 1.25 0.00	41.93 1.65 0.00	38.75 2.09 0.00
NEG NORTH_KES_CHATEGAY 23792	32.93 0.74 0.00	32.57 0.86 0.00	32.15 0.69 0.00	31.04 0.55 0.00	32.70 0.58 0.00	33.30 0.65 0.00	45.33 0.89 0.00	48.75 0.48 0.00	48.58 0.53 0.00	46.47 0.28 0.00	43.05 0.51 0.00	43.35 0.43 0.00	41.43 0.53 0.00	41.43 0.61 0.00	41.77 0.78 0.00	43.61 0.56 0.00	47.72 0.61 0.00	56.28 -0.23 0.00	56.29 0.17 0.00	50.69 0.99 0.00	47.17 0.97 0.00	44.04 0.95 0.00	41.69 1.41 0.00	38.24 1.58 0.00
NEG NORTH___ALICE_FALLS 23915	33.19 1.00 0.00	32.89 1.17 0.00	32.44 0.98 0.00	31.28 0.79 0.00	32.99 0.87 0.00	33.66 1.01 0.00	45.91 1.47 0.00	49.57 1.30 0.00	49.45 1.39 0.00	47.25 1.06 0.00	43.73 1.19 0.00	43.91 0.99 0.00	41.96 1.06 0.00	41.96 1.14 0.00	42.39 1.39 0.00	44.30 1.25 0.00	48.52 1.41 0.00	57.19 0.68 0.00	57.14 1.01 0.00	51.64 1.94 0.00	48.00 1.80 0.00	44.82 1.72 0.00	42.33 2.05 0.00	38.97 2.31 0.00
NEG NORTH___LWR_SARANAC 23913	33.19 1.00 0.00	32.89 1.17 0.00	32.44 0.98 0.00	31.28 0.79 0.00	32.99 0.87 0.00	33.66 1.01 0.00	45.91 1.47 0.00	49.57 1.30 0.00	49.45 1.39 0.00	47.25 1.06 0.00	43.73 1.19 0.00	43.91 0.99 0.00	41.96 1.06 0.00	41.96 1.14 0.00	42.39 1.39 0.00	44.30 1.25 0.00	48.52 1.41 0.00	57.19 0.68 0.00	57.14 1.01 0.00	51.64 1.94 0.00	48.00 1.80 0.00	44.82 1.72 0.00	42.33 2.05 0.00	38.97 2.31 0.00
NEG NORTH___PLATTSBURG 23628	33.19 1.00 0.00	32.89 1.17 0.00	32.44 0.98 0.00	31.28 0.79 0.00	32.99 0.87 0.00	33.66 1.01 0.00	45.96 1.51 0.00	49.57 1.30 0.00	49.45 1.39 0.00	47.26 1.06 0.00	43.77 1.23 0.00	43.91 0.99 0.00	41.96 1.06 0.00	41.96 1.14 0.00	42.39 1.39 0.00	44.25 1.20 0.00	48.52 1.41 0.00	57.13 0.62 0.00	57.14 1.01 0.00	51.64 1.94 0.00	48.00 1.80 0.00	44.82 1.73 0.00	42.33 2.05 0.00	38.97 2.31 0.00
NEG WEST_LEA_LOCKPORT 23791	30.26 -1.93 0.00	29.97 -1.74 0.00	29.48 -1.98 0.00	28.60 -1.89 0.00	30.16 -1.96 0.00	30.55 -2.09 0.00	40.85 -3.60 0.00	43.92 -4.34 0.00	43.83 -4.23 0.00	42.87 -3.33 0.00	39.94 -2.59 0.00	40.43 -2.49 0.00	38.65 -2.25 0.00	38.78 -2.04 0.00	38.86 -2.13 0.00	40.51 -2.54 0.00	44.57 -2.54 0.00	53.68 -2.83 0.00	52.31 -3.82 0.00	46.02 -3.68 0.00	42.69 -3.51 0.00	40.08 -3.02 0.00	36.90 -3.38 0.00	34.46 -2.20 0.00
NEG WEST___LANCASTR 23811	31.48 -0.71 0.00	31.15 -0.57 0.00	30.64 -0.82 0.00	29.73 -0.76 0.00	31.38 -0.74 0.00	31.86 -0.78 0.00	42.67 -1.78 0.00	46.04 -2.22 0.00	45.89 -2.16 0.00	44.62 -1.57 0.00	41.52 -1.02 0.00	41.98 -0.94 0.00	40.12 -0.78 0.00	40.16 -0.65 0.00	40.29 -0.70 0.00	42.06 -0.99 0.00	46.36 -0.75 0.00	56.06 -0.45 0.00	54.55 -1.57 0.00	48.06 -1.64 0.00	44.58 -1.62 0.00	41.80 -1.29 0.00	38.59 -1.69 0.00	35.93 -0.73 0.00
NEG_PENN_ALLEGHNY 23528	32.25 0.06 0.00	31.81 0.10 0.00	31.52 0.06 0.00	30.55 0.06 0.00	32.25 0.13 0.00	32.77 0.13 0.00	44.58 0.13 0.00	48.65 0.38 0.00	48.44 0.38 0.00	46.61 0.41 0.00	42.84 0.30 0.00	43.22 0.30 0.00	41.14 0.25 0.00	41.06 0.25 0.00	41.24 0.25 0.00	43.48 0.43 0.00	47.77 0.66 0.00	57.70 1.19 0.00	56.91 0.79 0.00	50.20 0.50 0.00	46.61 0.41 0.00	43.44 0.34 0.00	40.28 0.00 0.00	36.88 0.22 0.00
NEG___GEN_MONROE 24207	31.00 -1.19 0.00	30.70 -1.01 0.00	30.33 -1.13 0.00	29.39 -1.10 0.00	31.06 -1.06 0.00	31.47 -1.18 0.00	42.31 -2.13 0.00	45.95 -2.32 0.00	45.84 -2.21 0.00	44.48 -1.71 0.00	41.09 -1.45 0.00	41.55 -1.37 0.00	39.59 -1.31 0.00	39.55 -1.27 0.00	39.84 -1.15 0.00	41.59 -1.46 0.00	45.70 -1.41 0.00	55.27 -1.24 0.00	54.27 -1.85 0.00	47.66 -2.04 0.00	44.07 -2.13 0.00	41.20 -1.90 0.00	38.19 -2.09 0.00	35.23 -1.43 0.00
NEPA___ENERGY 23901	31.25 -0.93 0.00	30.92 -0.79 0.00	30.42 -1.04 0.00	29.51 -0.98 0.00	31.19 -0.93 0.00	31.63 -1.01 0.00	42.45 -2.00 0.00	45.70 -2.56 0.00	45.51 -2.55 0.00	44.25 -1.94 0.00	41.18 -1.36 0.00	41.63 -1.29 0.00	39.79 -1.10 0.00	39.84 -0.98 0.00	39.97 -1.02 0.00	41.71 -1.33 0.00	45.98 -1.13 0.00	55.61 -0.90 0.00	54.05 -2.08 0.00	47.61 -2.09 0.00	44.26 -1.94 0.00	41.50 -1.59 0.00	38.23 -2.05 0.00	35.64 -1.03 0.00
NEVERSINK___HYD 23608	33.86 1.67 0.00	33.24 1.52 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.76 1.64 0.00	34.24 1.60 0.00	46.98 2.53 0.00	51.40 3.14 0.00	50.99 2.93 0.00	48.87 2.68 0.00	44.33 1.79 0.00	44.55 1.63 0.00	42.33 1.43 0.00	42.28 1.47 0.00	42.51 1.52 0.00	45.20 2.15 0.00	49.79 2.68 0.00	60.63 4.12 0.00	60.05 3.93 0.00	52.73 3.03 0.00	48.97 2.77 0.00	45.47 2.37 0.00	42.25 1.97 0.00	38.20 1.54 0.00
NEWKRMKL_115KV_TB1 55635	33.12 0.93 0.00	32.60 0.89 0.00	32.37 0.91 0.00	31.44 0.95 0.00	32.96 0.84 0.00	33.52 0.88 0.00	45.87 1.42 0.00	50.05 1.79 0.00	49.93 1.87 0.00	47.95 1.76 0.00	43.60 1.06 0.00	43.87 0.94 0.00	41.67 0.78 0.00	41.59 0.78 0.00	41.73 0.74 0.00	44.04 0.99 0.00	48.43 1.32 0.00	58.43 1.92 0.00	57.81 1.68 0.00	51.09 1.39 0.00	47.54 1.34 0.00	44.30 1.21 0.00	41.13 0.85 0.00	37.40 0.73 0.00

NEWTON___FALLS_HYD 23847	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.70 -0.42 0.00	32.38 -0.26 0.00	44.09 -0.36 0.00	47.73 -0.53 0.00	47.53 -0.53 0.00	45.55 -0.65 0.00	41.99 -0.55 0.00	42.28 -0.64 0.00	40.32 -0.57 0.00	40.25 -0.57 0.00	40.46 -0.53 0.00	42.45 -0.60 0.00	46.50 -0.61 0.00	55.78 -0.73 0.00	55.62 -0.51 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	40.00 -0.28 0.00	36.33 -0.33 0.00
NGRID_A1_DSASP 323792	29.81 -2.38 0.00	29.50 -2.22 0.00	29.01 -2.45 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.36 -4.09 0.00	43.44 -4.83 0.00	43.64 -4.42 0.00	42.22 -3.97 0.00	39.10 -3.44 0.00	39.70 -3.22 0.00	37.91 -2.98 0.00	37.75 -3.06 0.00	38.08 -2.91 0.00	39.82 -3.23 0.00	43.53 -3.58 0.00	52.27 -4.24 0.00	51.02 -5.11 0.00	44.93 -4.77 0.00	41.72 -4.48 0.00	38.75 -4.35 0.00	36.17 -4.11 0.00	33.91 -2.75 0.00
NGRID_A2_DSASP 323793	29.81 -2.38 0.00	29.50 -2.22 0.00	29.01 -2.45 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.36 -4.09 0.00	43.44 -4.83 0.00	43.64 -4.42 0.00	42.22 -3.97 0.00	39.10 -3.44 0.00	39.70 -3.22 0.00	37.91 -2.98 0.00	37.75 -3.06 0.00	38.08 -2.91 0.00	39.82 -3.23 0.00	43.53 -3.58 0.00	52.27 -4.24 0.00	51.02 -5.11 0.00	44.93 -4.77 0.00	41.72 -4.48 0.00	38.75 -4.35 0.00	36.17 -4.11 0.00	33.91 -2.75 0.00
NGRID_A4_DSASP 323807	29.81 -2.38 0.00	29.50 -2.22 0.00	29.01 -2.45 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.36 -4.09 0.00	43.44 -4.83 0.00	43.64 -4.42 0.00	42.22 -3.97 0.00	39.10 -3.44 0.00	39.70 -3.22 0.00	37.91 -2.98 0.00	37.75 -3.06 0.00	38.08 -2.91 0.00	39.82 -3.23 0.00	43.53 -3.58 0.00	52.27 -4.24 0.00	51.02 -5.11 0.00	44.93 -4.77 0.00	41.72 -4.48 0.00	38.75 -4.35 0.00	36.17 -4.11 0.00	33.91 -2.75 0.00
NIAGARA_115E_LBMP 323715	29.71 -2.48 0.00	29.43 -2.28 0.00	28.94 -2.52 0.00	28.08 -2.41 0.00	29.62 -2.51 0.00	30.00 -2.64 0.00	40.31 -4.13 0.00	43.44 -4.83 0.00	43.64 -4.42 0.00	42.22 -3.97 0.00	39.05 -3.49 0.00	39.66 -3.26 0.00	37.83 -3.07 0.00	37.71 -3.10 0.00	38.04 -2.95 0.00	39.78 -3.27 0.00	43.53 -3.58 0.00	52.27 -4.24 0.00	51.07 -5.05 0.00	44.98 -4.72 0.00	41.72 -4.48 0.00	38.75 -4.35 0.00	36.13 -4.15 0.00	33.84 -2.82 0.00
NIAGARA_115W_LBMP 323714	29.74 -2.45 0.00	29.43 -2.28 0.00	28.94 -2.52 0.00	28.08 -2.41 0.00	29.62 -2.51 0.00	30.00 -2.64 0.00	40.27 -4.18 0.00	43.34 -4.92 0.00	43.54 -4.52 0.00	42.13 -4.07 0.00	39.01 -3.53 0.00	39.62 -3.30 0.00	37.83 -3.07 0.00	37.67 -3.14 0.00	38.00 -2.99 0.00	39.69 -3.36 0.00	43.44 -3.67 0.00	52.16 -4.35 0.00	50.91 -5.22 0.00	44.83 -4.87 0.00	41.62 -4.57 0.00	38.66 -4.44 0.00	36.09 -4.19 0.00	33.84 -2.82 0.00
NIAGARA_230_LBMP 323716	30.03 -2.16 0.00	29.72 -2.00 0.00	29.26 -2.20 0.00	28.39 -2.10 0.00	29.91 -2.22 0.00	30.29 -2.35 0.00	40.67 -3.78 0.00	43.82 -4.44 0.00	43.97 -4.08 0.00	42.59 -3.60 0.00	39.39 -3.15 0.00	40.00 -2.92 0.00	38.16 -2.74 0.00	38.04 -2.78 0.00	38.37 -2.62 0.00	40.12 -2.93 0.00	43.86 -3.25 0.00	52.67 -3.84 0.00	51.47 -4.66 0.00	45.33 -4.37 0.00	42.04 -4.16 0.00	39.09 -4.01 0.00	36.45 -3.83 0.00	34.17 -2.49 0.00
NIAGARA___115KV_198_GIBSON 55903	29.74 -2.45 0.00	29.46 -2.25 0.00	28.98 -2.49 0.00	28.08 -2.41 0.00	29.62 -2.51 0.00	29.97 -2.68 0.00	40.00 -4.44 0.00	42.86 -5.41 0.00	42.77 -5.29 0.00	41.85 -4.34 0.00	39.05 -3.49 0.00	39.57 -3.35 0.00	37.83 -3.07 0.00	37.96 -2.86 0.00	38.04 -2.95 0.00	39.61 -3.44 0.00	43.48 -3.63 0.00	52.27 -4.24 0.00	50.96 -5.16 0.00	44.88 -4.82 0.00	41.62 -4.57 0.00	39.13 -3.96 0.00	36.05 -4.23 0.00	33.77 -2.90 0.00
NIAGARA____ 23760	30.03 -2.16 0.00	29.72 -2.00 0.00	29.26 -2.20 0.00	28.39 -2.10 0.00	29.91 -2.22 0.00	30.29 -2.35 0.00	40.67 -3.78 0.00	43.82 -4.44 0.00	43.97 -4.08 0.00	42.59 -3.60 0.00	39.39 -3.15 0.00	40.00 -2.92 0.00	38.16 -2.74 0.00	38.04 -2.78 0.00	38.37 -2.62 0.00	40.12 -2.93 0.00	43.86 -3.25 0.00	52.67 -3.84 0.00	51.47 -4.66 0.00	45.33 -4.37 0.00	42.04 -4.16 0.00	39.09 -4.01 0.00	36.45 -3.83 0.00	34.17 -2.49 0.00
NINE_MILE_1 23575	30.90 -1.29 0.00	30.48 -1.24 0.00	30.20 -1.26 0.00	29.30 -1.19 0.00	30.87 -1.25 0.00	31.37 -1.27 0.00	42.71 -1.73 0.00	46.53 -1.74 0.00	46.33 -1.73 0.00	44.57 -1.62 0.00	41.01 -1.53 0.00	41.38 -1.54 0.00	39.38 -1.51 0.00	39.31 -1.51 0.00	39.48 -1.52 0.00	41.54 -1.51 0.00	45.51 -1.60 0.00	54.76 -1.75 0.00	54.22 -1.91 0.00	47.91 -1.79 0.00	44.54 -1.66 0.00	41.50 -1.59 0.00	38.63 -1.65 0.00	35.23 -1.43 0.00
NINE_MILE_2 23744	30.90 -1.29 0.00	30.48 -1.24 0.00	30.20 -1.26 0.00	29.30 -1.19 0.00	30.87 -1.25 0.00	31.40 -1.24 0.00	42.71 -1.73 0.00	46.53 -1.74 0.00	46.33 -1.73 0.00	44.57 -1.62 0.00	41.01 -1.53 0.00	41.38 -1.54 0.00	39.38 -1.51 0.00	39.31 -1.51 0.00	39.48 -1.52 0.00	41.54 -1.51 0.00	45.51 -1.60 0.00	54.76 -1.75 0.00	54.22 -1.91 0.00	47.91 -1.79 0.00	44.54 -1.66 0.00	41.50 -1.59 0.00	38.63 -1.65 0.00	35.23 -1.43 0.00
NM_CAPITAL___DRP 24208	33.19 1.00 0.00	32.67 0.95 0.00	32.44 0.98 0.00	31.47 0.98 0.00	33.05 0.93 0.00	33.59 0.95 0.00	45.96 1.51 0.00	50.14 1.88 0.00	50.03 1.97 0.00	48.04 1.85 0.00	43.73 1.19 0.00	43.99 1.07 0.00	41.79 0.90 0.00	41.71 0.90 0.00	41.85 0.86 0.00	44.21 1.16 0.00	48.57 1.46 0.00	58.66 2.15 0.00	58.03 1.91 0.00	51.24 1.54 0.00	47.68 1.48 0.00	44.48 1.38 0.00	41.29 1.01 0.00	37.51 0.84 0.00
NM_CENTRAL___DRP 24181	31.45 -0.74 0.00	31.02 -0.70 0.00	30.74 -0.72 0.00	29.82 -0.67 0.00	31.42 -0.71 0.00	31.99 -0.65 0.00	43.51 -0.93 0.00	47.44 -0.82 0.00	47.24 -0.82 0.00	45.50 -0.69 0.00	41.90 -0.64 0.00	42.23 -0.69 0.00	40.24 -0.65 0.00	40.16 -0.65 0.00	40.29 -0.70 0.00	42.40 -0.65 0.00	46.54 -0.57 0.00	56.06 -0.45 0.00	55.45 -0.67 0.00	48.95 -0.75 0.00	45.46 -0.74 0.00	42.41 -0.69 0.00	39.31 -0.97 0.00	35.86 -0.81 0.00
NM_FRONTIER___DRP 24179	29.74 -2.45 0.00	29.46 -2.25 0.00	28.98 -2.49 0.00	28.08 -2.41 0.00	29.62 -2.51 0.00	29.97 -2.68 0.00	40.00 -4.44 0.00	42.86 -5.41 0.00	42.77 -5.29 0.00	41.85 -4.34 0.00	39.05 -3.49 0.00	39.57 -3.35 0.00	37.83 -3.07 0.00	37.96 -2.86 0.00	38.04 -2.95 0.00	39.61 -3.44 0.00	43.48 -3.63 0.00	52.27 -4.24 0.00	50.96 -5.16 0.00	44.88 -4.82 0.00	41.62 -4.57 0.00	39.13 -3.96 0.00	36.05 -4.23 0.00	33.77 -2.90 0.00
NM_ST_REGIS___HYD 24053	31.93 -0.26 0.00	31.59 -0.13 0.00	31.27 -0.19 0.00	30.28 -0.21 0.00	31.93 -0.19 0.00	32.58 -0.07 0.00	44.27 -0.18 0.00	47.63 -0.63 0.00	47.43 -0.62 0.00	45.45 -0.74 0.00	42.11 -0.43 0.00	42.41 -0.52 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.75 -0.25 0.00	42.49 -0.56 0.00	46.36 -0.75 0.00	54.98 -1.53 0.00	55.12 -1.01 0.00	49.25 -0.45 0.00	45.74 -0.46 0.00	42.67 -0.43 0.00	40.36 0.08 0.00	36.74 0.07 0.00

NORTHPORT___1 23551	46.46 2.38 -11.89	40.45 2.28 -6.45	37.97 2.23 -4.27	37.41 2.13 -4.78	38.41 2.31 -3.97	43.23 2.25 -8.34	52.94 3.38 -5.12	54.83 4.39 -2.18	54.38 4.33 -2.00	52.42 4.11 -2.11	53.81 3.32 -7.95	51.35 3.31 -5.13	48.00 2.95 -4.15	46.69 3.02 -2.86	49.82 2.99 -5.83	54.34 3.70 -7.59	56.62 3.91 -5.60	74.67 5.71 -12.46	65.78 5.16 -4.49	60.39 4.22 -6.47	56.62 3.92 -6.50	54.72 3.71 -7.91	51.98 2.98 -8.71	47.74 2.53 -8.55
NORTHPORT___2 23552	46.46 2.38 -11.89	40.45 2.28 -6.45	37.97 2.23 -4.27	37.41 2.13 -4.78	38.41 2.31 -3.97	43.23 2.25 -8.34	52.94 3.38 -5.12	54.83 4.39 -2.18	54.38 4.33 -2.00	52.42 4.11 -2.11	53.81 3.32 -7.95	51.35 3.31 -5.13	48.00 2.95 -4.15	46.69 3.02 -2.86	49.82 2.99 -5.83	54.34 3.70 -7.59	56.62 3.91 -5.60	74.67 5.71 -12.46	65.78 5.16 -4.49	60.39 4.22 -6.47	56.62 3.92 -6.50	54.72 3.71 -7.91	51.98 2.98 -8.71	47.74 2.53 -8.55
NORTHPORT___3 23553	46.42 2.35 -11.89	40.35 2.19 -6.45	37.87 2.14 -4.27	37.35 2.07 -4.78	38.28 2.19 -3.97	43.14 2.15 -8.34	52.85 3.29 -5.12	54.64 4.20 -2.18	54.14 4.08 -2.00	52.47 4.16 -2.11	53.77 3.28 -7.95	51.35 3.31 -5.13	48.00 2.95 -4.15	46.69 3.02 -2.86	49.78 2.95 -5.83	54.21 3.57 -7.59	56.39 3.68 -5.60	73.44 4.46 -12.47	64.89 4.26 -4.50	59.60 3.43 -6.48	56.31 3.61 -6.51	54.63 3.62 -7.91	52.02 3.02 -8.71	47.74 2.53 -8.55
NORTHPORT___4 23650	46.42 2.35 -11.89	40.35 2.19 -6.45	37.87 2.14 -4.27	37.35 2.07 -4.78	38.28 2.19 -3.97	43.14 2.15 -8.34	52.85 3.29 -5.12	54.64 4.20 -2.18	54.14 4.08 -2.00	52.47 4.16 -2.11	53.77 3.28 -7.95	51.35 3.31 -5.13	48.00 2.95 -4.15	46.69 3.02 -2.86	49.78 2.95 -5.83	54.21 3.57 -7.59	56.39 3.68 -5.60	73.44 4.46 -12.47	64.89 4.26 -4.50	59.60 3.43 -6.48	56.31 3.61 -6.51	54.63 3.62 -7.91	52.02 3.02 -8.71	47.74 2.53 -8.55
NORTHPORT___IC 23718	46.46 2.38 -11.89	40.45 2.28 -6.45	37.97 2.23 -4.27	37.41 2.13 -4.78	38.41 2.31 -3.97	43.23 2.25 -8.34	52.94 3.38 -5.12	54.83 4.39 -2.18	54.38 4.33 -2.00	52.42 4.11 -2.11	53.81 3.32 -7.95	51.35 3.31 -5.13	48.00 2.95 -4.15	46.69 3.02 -2.86	49.82 2.99 -5.83	54.34 3.70 -7.59	56.62 3.91 -5.60	74.67 5.71 -12.46	65.78 5.16 -4.49	60.39 4.22 -6.47	56.62 3.92 -6.50	54.72 3.71 -7.91	51.98 2.98 -8.71	47.74 2.53 -8.55
NORTH___COUNTRY_ESR 323785	32.80 0.61 0.00	32.45 0.73 0.00	32.03 0.57 0.00	30.89 0.40 0.00	32.54 0.42 0.00	33.16 0.52 0.00	45.20 0.75 0.00	48.55 0.29 0.00	48.39 0.34 0.00	46.33 0.14 0.00	42.97 0.43 0.00	43.18 0.26 0.00	41.26 0.37 0.00	41.27 0.45 0.00	41.61 0.62 0.00	43.44 0.39 0.00	47.48 0.38 0.00	56.00 -0.51 0.00	56.01 -0.11 0.00	50.45 0.75 0.00	46.93 0.74 0.00	43.83 0.73 0.00	41.53 1.25 0.00	38.09 1.43 0.00
NPX_GEN_1385_PROXY 323591	46.49 2.42 -11.89	40.76 2.60 -6.45	38.28 2.55 -4.27	37.74 2.47 -4.78	38.92 2.83 -3.97	45.18 2.55 -9.99	51.77 3.86 -3.46	55.46 5.02 -2.18	54.77 4.71 -2.00	51.85 3.92 -1.73	54.02 3.15 -8.33	51.35 3.31 -5.13	48.00 2.95 -4.15	46.69 3.02 -2.86	49.82 2.99 -5.83	54.34 3.70 -7.59	56.81 4.10 -5.60	74.28 5.31 -12.46	66.01 5.39 -4.49	60.59 4.42 -6.47	56.76 4.07 -6.50	54.58 3.58 -7.91	51.81 2.82 -8.71	47.60 2.38 -8.55
NPX_GEN_CSC 323557	47.32 3.25 -11.89	41.21 3.05 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	45.74 3.10 -9.99	51.86 3.95 -3.46	55.66 5.21 -2.18	55.49 5.43 -2.00	53.19 5.26 -1.73	55.38 4.51 -8.33	52.38 4.33 -5.13	48.98 3.93 -4.15	47.63 3.96 -2.86	50.84 4.02 -5.83	55.59 4.95 -7.59	58.36 5.65 -5.60	76.79 7.80 -12.48	67.88 7.24 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.67 4.66 -7.91	52.78 3.79 -8.71	48.81 3.60 -8.55
NSINS_S_GLNS_FALLS 23858	33.51 1.32 0.00	33.02 1.30 0.00	32.88 1.42 0.00	31.89 1.40 0.00	33.25 1.12 0.00	33.88 1.24 0.00	46.58 2.13 0.00	50.58 2.32 0.00	50.70 2.64 0.00	48.64 2.45 0.00	44.50 1.96 0.00	44.64 1.72 0.00	42.24 1.35 0.00	42.08 1.27 0.00	42.10 1.11 0.00	44.60 1.55 0.00	49.32 2.21 0.00	59.79 3.28 0.00	59.04 2.92 0.00	52.28 2.58 0.00	48.60 2.40 0.00	45.16 2.07 0.00	41.61 1.33 0.00	37.91 1.25 0.00
NUCOR_STEEL___DRP 24197	31.87 -0.32 0.00	31.46 -0.25 0.00	31.18 -0.28 0.00	30.22 -0.27 0.00	31.86 -0.26 0.00	32.45 -0.20 0.00	44.22 -0.22 0.00	48.21 -0.05 0.00	48.01 -0.05 0.00	46.24 0.05 0.00	42.62 0.09 0.00	42.96 0.04 0.00	40.85 -0.04 0.00	40.78 -0.04 0.00	40.95 -0.04 0.00	43.14 0.09 0.00	47.44 0.33 0.00	57.24 0.73 0.00	56.52 0.39 0.00	49.90 0.20 0.00	46.29 0.09 0.00	43.14 0.04 0.00	39.96 -0.32 0.00	36.48 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	32.35 0.16 0.00	31.84 0.13 0.00	31.59 0.13 0.00	30.64 0.15 0.00	32.38 0.26 0.00	33.10 0.46 0.00	45.20 0.75 0.00	49.23 0.96 0.00	48.92 0.87 0.00	46.93 0.74 0.00	43.14 0.60 0.00	43.39 0.47 0.00	41.30 0.41 0.00	41.22 0.41 0.00	41.44 0.45 0.00	43.65 0.60 0.00	47.96 0.85 0.00	57.98 1.47 0.00	57.58 1.46 0.00	50.89 1.19 0.00	47.26 1.06 0.00	43.96 0.86 0.00	40.84 0.56 0.00	37.07 0.40 0.00
NYISO_LBMP_REFERENCE 24008	32.19 0.00 0.00	31.72 0.00 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.12 0.00 0.00	32.64 0.00 0.00	44.45 0.00 0.00	48.26 0.00 0.00	48.06 0.00 0.00	46.19 0.00 0.00	42.54 0.00 0.00	42.92 0.00 0.00	40.89 0.00 0.00	40.82 0.00 0.00	40.99 0.00 0.00	43.05 0.00 0.00	47.11 0.00 0.00	56.51 0.00 0.00	56.13 0.00 0.00	49.70 0.00 0.00	46.20 0.00 0.00	43.10 0.00 0.00	40.28 0.00 0.00	36.66 0.00 0.00
NYPA_BRENTWD___GT 24164	46.91 2.83 -11.89	40.83 2.66 -6.45	38.34 2.61 -4.27	37.77 2.50 -4.78	38.79 2.70 -3.97	43.66 2.68 -8.34	53.61 4.04 -5.12	55.66 5.21 -2.18	55.20 5.14 -2.00	53.16 4.85 -2.11	54.45 3.96 -7.95	51.95 3.91 -5.13	48.57 3.52 -4.15	47.26 3.59 -2.86	50.39 3.56 -5.83	55.07 4.44 -7.59	57.61 4.90 -5.60	75.87 6.89 -12.47	67.03 6.40 -4.50	61.45 5.27 -6.48	57.55 4.85 -6.51	55.49 4.48 -7.91	52.58 3.58 -8.71	48.30 3.08 -8.55
NYPA_GOWANUS___GT5 24156	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.17 3.83 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00
NYPA_GOWANUS___GT6 24157	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.89 0.00	34.37 1.73 0.00	47.11 2.67 0.00	52.22 3.96 0.00	51.81 3.75 0.00	49.89 3.70 0.00	45.43 2.89 0.00	45.80 2.88 0.00	43.47 2.58 0.00	43.47 2.65 0.00	43.49 2.50 0.00	95.84 3.32 -49.48	50.69 3.58 0.00	100.32 5.20 -38.61	106.83 4.72 -45.99	96.17 3.83 -42.64	49.66 3.47 0.00	46.50 3.40 0.00	43.00 2.70 -0.02	38.79 2.13 0.00

NYPA_HARLEM__RVR__GT1 24160	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.78 3.52 0.00	51.32 3.27 0.01	49.42 3.23 0.01	45.04 2.51 0.01	45.44 2.53 0.01	43.13 2.25 0.01	43.09 2.28 0.01	43.15 2.17 0.01	46.02 2.97 0.00	50.21 3.11 0.01	61.31 4.80 0.00	60.45 4.32 0.00	53.13 3.43 0.00	49.24 3.05 0.01	46.24 3.14 0.00	42.86 2.58 0.00	38.75 2.09 0.00
NYPA_HARLEM__RVR__GT2 24161	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.78 3.52 0.00	51.32 3.27 0.01	49.42 3.23 0.01	45.04 2.51 0.01	45.44 2.53 0.01	43.13 2.25 0.01	43.09 2.28 0.01	43.15 2.17 0.01	46.02 2.97 0.00	50.21 3.11 0.01	61.31 4.80 0.00	60.45 4.32 0.00	53.13 3.43 0.00	49.24 3.05 0.01	46.24 3.14 0.00	42.86 2.58 0.00	38.75 2.09 0.00
NYPA_KENT____GT 24152	34.22 2.03 -0.01	33.56 1.84 0.00	33.22 1.76 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.34 1.70 0.00	47.02 2.58 0.00	52.07 3.81 0.00	51.66 3.61 0.00	49.80 3.61 0.00	45.35 2.81 0.00	45.75 2.83 0.00	43.39 2.49 0.00	43.39 2.57 0.00	43.45 2.46 0.00	74.61 3.23 -28.33	50.55 3.44 0.00	83.70 5.09 -22.10	87.06 4.60 -26.33	77.84 3.73 -24.41	49.62 3.42 0.00	46.41 3.32 0.00	42.91 2.62 -0.01	38.75 2.09 0.00
NYPA_POUCH1____GT 24155	34.22 2.03 -0.01	33.56 1.84 0.00	33.22 1.76 0.00	32.11 1.61 0.00	33.92 1.80 0.00	34.28 1.63 0.00	47.02 2.58 0.00	52.07 3.81 0.00	51.61 3.56 0.00	49.75 3.56 0.00	45.26 2.72 0.00	45.63 2.71 0.00	43.31 2.41 0.00	43.31 2.49 0.00	43.33 2.34 0.00	95.71 3.19 -49.48	50.55 3.44 0.00	100.09 4.97 -38.61	106.61 4.49 -45.99	96.02 3.68 -42.64	49.53 3.33 0.00	46.41 3.32 0.00	42.92 2.62 -0.02	38.72 2.05 0.00
NYPA_VERNON____GT2 24162	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.61 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.98 2.53 0.00	52.03 3.77 0.00	51.61 3.56 0.00	49.70 3.51 0.00	45.26 2.72 0.00	45.67 2.75 0.00	43.35 2.45 0.00	43.31 2.49 0.00	43.37 2.38 0.00	53.37 3.14 -7.18	50.45 3.35 0.00	67.14 5.03 -5.60	67.29 4.49 -6.67	59.51 3.63 -6.18	49.53 3.33 0.00	46.33 3.23 0.00	42.82 2.54 0.00	38.68 2.02 0.00
NYPA_VERNON____GT3 24163	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.61 0.00	33.89 1.77 0.00	34.31 1.66 0.00	46.98 2.53 0.00	52.03 3.77 0.00	51.61 3.56 0.00	49.70 3.51 0.00	45.26 2.72 0.00	45.67 2.75 0.00	43.35 2.45 0.00	43.31 2.49 0.00	43.37 2.38 0.00	53.37 3.14 -7.18	50.45 3.35 0.00	67.14 5.03 -5.60	67.29 4.49 -6.67	59.51 3.63 -6.18	49.53 3.33 0.00	46.33 3.23 0.00	42.82 2.54 0.00	38.68 2.02 0.00
NYPA__ASTORIA_CC1 323568	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.61 0.00	33.89 1.77 0.00	34.28 1.63 0.00	46.93 2.49 0.00	51.93 3.67 0.00	51.52 3.46 0.00	49.66 3.47 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.27 2.37 0.00	43.27 2.45 0.00	43.29 2.29 0.00	46.11 3.06 0.00	50.36 3.25 0.00	61.42 4.91 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.43 3.23 0.00	46.24 3.14 0.00	42.78 2.50 0.00	38.68 2.02 0.00
NYPA__ASTORIA_CC2 323569	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.61 0.00	33.89 1.77 0.00	34.28 1.63 0.00	46.93 2.49 0.00	51.93 3.67 0.00	51.52 3.46 0.00	49.66 3.47 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.27 2.37 0.00	43.27 2.45 0.00	43.29 2.29 0.00	46.11 3.06 0.00	50.36 3.25 0.00	61.42 4.91 0.00	60.56 4.43 0.00	53.28 3.58 0.00	49.43 3.23 0.00	46.24 3.14 0.00	42.78 2.50 0.00	38.68 2.02 0.00
NYPA__HOLTSVILL 23794	46.84 2.77 -11.89	40.76 2.60 -6.45	38.31 2.58 -4.27	37.74 2.47 -4.78	38.73 2.63 -3.97	43.59 2.61 -8.34	53.38 3.82 -5.12	55.42 4.97 -2.18	55.01 4.95 -2.00	53.02 4.71 -2.11	54.36 3.87 -7.95	51.83 3.78 -5.13	48.44 3.39 -4.15	47.14 3.47 -2.86	50.27 3.44 -5.83	54.94 4.30 -7.59	57.52 4.81 -5.60	75.71 6.72 -12.48	66.87 6.23 -4.51	61.36 5.17 -6.49	57.46 4.76 -6.51	55.32 4.31 -7.91	52.46 3.46 -8.71	48.22 3.01 -8.55
NYPA__HELLGATE_GT1 24158	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.78 3.52 0.00	51.32 3.27 0.01	49.42 3.23 0.01	45.04 2.51 0.01	45.44 2.53 0.01	43.13 2.25 0.01	43.09 2.28 0.01	43.15 2.17 0.01	46.02 2.97 0.00	50.21 3.11 0.01	61.31 4.80 0.00	60.45 4.32 0.00	53.13 3.43 0.00	49.24 3.05 0.01	46.24 3.14 0.00	42.86 2.58 0.00	38.75 2.09 0.00
NYPA__HELLGATE_GT2 24159	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.78 3.52 0.00	51.32 3.27 0.01	49.42 3.23 0.01	45.04 2.51 0.01	45.44 2.53 0.01	43.13 2.25 0.01	43.09 2.28 0.01	43.15 2.17 0.01	46.02 2.97 0.00	50.21 3.11 0.01	61.31 4.80 0.00	60.45 4.32 0.00	53.13 3.43 0.00	49.24 3.05 0.01	46.24 3.14 0.00	42.86 2.58 0.00	38.75 2.09 0.00
NYS_BARGE__HYD 23848	30.26 -1.93 0.00	29.97 -1.74 0.00	29.48 -1.98 0.00	28.57 -1.92 0.00	30.16 -1.96 0.00	30.59 -2.06 0.00	41.16 -3.29 0.00	44.45 -3.81 0.00	44.64 -3.41 0.00	43.14 -3.05 0.00	39.94 -2.60 0.00	40.48 -2.44 0.00	38.65 -2.25 0.00	38.49 -2.32 0.00	38.86 -2.13 0.00	40.64 -2.41 0.00	44.56 -2.54 0.00	53.57 -2.94 0.00	52.31 -3.82 0.00	46.07 -3.63 0.00	42.68 -3.51 0.00	39.61 -3.49 0.00	36.94 -3.34 0.00	34.54 -2.13 0.00
OAK ORCHARD__HYD 24046	30.96 -1.22 0.00	30.64 -1.08 0.00	30.27 -1.20 0.00	29.33 -1.16 0.00	30.93 -1.19 0.00	31.44 -1.21 0.00	42.54 -1.91 0.00	46.38 -1.88 0.00	46.42 -1.63 0.00	44.76 -1.43 0.00	41.30 -1.24 0.00	41.80 -1.12 0.00	39.75 -1.14 0.00	39.67 -1.14 0.00	40.01 -0.98 0.00	41.97 -1.07 0.00	46.03 -1.08 0.00	55.43 -1.08 0.00	54.50 -1.63 0.00	47.96 -1.74 0.00	44.39 -1.80 0.00	41.24 -1.85 0.00	38.39 -1.89 0.00	35.42 -1.25 0.00
OAKDALE__35_KV_LOAD 356122	32.19 0.00 0.00	31.75 0.03 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.19 0.06 0.00	32.68 0.03 0.00	44.40 -0.04 0.00	48.36 0.10 0.00	48.15 0.10 0.00	46.38 0.18 0.00	42.71 0.17 0.00	43.09 0.17 0.00	41.02 0.12 0.00	40.98 0.16 0.00	41.11 0.12 0.00	43.35 0.30 0.00	47.63 0.52 0.00	57.53 1.02 0.00	56.69 0.56 0.00	50.05 0.35 0.00	46.47 0.28 0.00	43.40 0.30 0.00	40.16 -0.12 0.00	36.77 0.11 0.00
OCC_CHEM__DRP 24175	29.81 -2.38 0.00	29.50 -2.22 0.00	29.04 -2.42 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.03 -2.61 0.00	40.09 -4.36 0.00	42.95 -5.31 0.00	42.87 -5.19 0.00	41.94 -4.25 0.00	39.14 -3.40 0.00	39.66 -3.26 0.00	37.91 -2.99 0.00	38.04 -2.78 0.00	38.12 -2.87 0.00	39.69 -3.36 0.00	43.58 -3.53 0.00	52.44 -4.07 0.00	51.07 -5.05 0.00	44.98 -4.72 0.00	41.72 -4.48 0.00	39.22 -3.88 0.00	36.13 -4.15 0.00	33.84 -2.82 0.00

OH_GEN_PROXY 24063	30.06 -2.13 0.00	29.78 -1.94 0.00	29.29 -2.17 0.00	28.42 -2.07 0.00	29.97 -2.15 0.00	32.01 -2.29 -1.65	39.11 -3.69 1.65	43.97 -4.30 0.00	44.12 -3.94 0.00	42.30 -3.51 0.38	39.90 -3.02 -0.38	40.09 -2.83 0.00	38.28 -2.62 0.00	38.12 -2.70 0.00	38.49 -2.50 0.00	40.21 -2.84 0.00	44.00 -3.11 0.00	52.84 -3.67 0.00	51.63 -4.49 0.00	45.48 -4.22 0.00	42.18 -4.02 0.00	39.22 -3.88 0.00	36.57 -3.71 0.00	34.21 -2.46 0.00
OLIN_CORP_DRP 24177	29.77 -2.41 0.00	29.50 -2.22 0.00	29.01 -2.45 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.13 -4.31 0.00	43.05 -5.21 0.00	42.96 -5.09 0.00	42.03 -4.16 0.00	39.18 -3.36 0.00	39.70 -3.22 0.00	37.95 -2.94 0.00	38.08 -2.73 0.00	38.16 -2.83 0.00	39.73 -3.31 0.00	43.67 -3.44 0.00	52.55 -3.96 0.00	51.24 -4.88 0.00	45.08 -4.62 0.00	41.81 -4.39 0.00	39.30 -3.79 0.00	36.21 -4.07 0.00	33.88 -2.79 0.00
OLIN_CORP_DSASP 323712	29.81 -2.38 0.00	29.50 -2.22 0.00	29.01 -2.45 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.36 -4.09 0.00	43.44 -4.83 0.00	43.64 -4.42 0.00	42.22 -3.97 0.00	39.10 -3.44 0.00	39.70 -3.22 0.00	37.91 -2.98 0.00	37.75 -3.06 0.00	38.08 -2.91 0.00	39.82 -3.23 0.00	43.53 -3.58 0.00	52.27 -4.24 0.00	51.02 -5.11 0.00	44.93 -4.77 0.00	41.72 -4.48 0.00	38.75 -4.35 0.00	36.17 -4.11 0.00	33.91 -2.75 0.00
ONEIDA_HERK_LFGE 323681	32.73 0.55 0.00	32.22 0.51 0.00	31.96 0.50 0.00	31.01 0.52 0.00	32.76 0.64 0.00	33.43 0.78 0.00	45.69 1.24 0.00	49.81 1.54 0.00	49.55 1.49 0.00	47.58 1.38 0.00	43.73 1.19 0.00	43.99 1.07 0.00	41.87 0.98 0.00	41.79 0.98 0.00	41.97 0.98 0.00	44.21 1.16 0.00	48.57 1.46 0.00	58.66 2.15 0.00	58.14 2.02 0.00	51.39 1.69 0.00	47.72 1.52 0.00	44.43 1.34 0.00	41.25 0.97 0.00	37.47 0.81 0.00
ONEIDA___115KV_TB4 55905	32.90 0.71 0.00	32.41 0.70 0.00	32.15 0.69 0.00	31.19 0.70 0.00	32.92 0.80 0.00	33.62 0.98 0.00	45.91 1.47 0.00	50.05 1.79 0.00	49.83 1.78 0.00	47.86 1.66 0.00	43.94 1.40 0.00	44.25 1.33 0.00	42.12 1.23 0.00	42.04 1.22 0.00	42.18 1.19 0.00	44.51 1.46 0.00	48.90 1.79 0.00	59.05 2.54 0.00	58.43 2.30 0.00	51.59 1.89 0.00	47.91 1.71 0.00	44.60 1.51 0.00	41.33 1.05 0.00	37.62 0.95 0.00
ONONDAGA_REF_OCCRA 23987	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.00 -0.49 0.00	31.64 -0.48 0.00	32.22 -0.42 0.00	43.82 -0.62 0.00	47.83 -0.43 0.00	47.57 -0.48 0.00	45.82 -0.37 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.58 -0.41 0.00	42.70 -0.34 0.00	46.92 -0.19 0.00	56.57 0.06 0.00	55.96 -0.17 0.00	49.40 -0.30 0.00	45.87 -0.32 0.00	42.75 -0.34 0.00	39.64 -0.64 0.00	36.15 -0.51 0.00
ONONDAGA___COGEN 23986	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.64 -0.48 0.00	32.22 -0.42 0.00	43.82 -0.62 0.00	47.78 -0.48 0.00	47.57 -0.48 0.00	45.82 -0.37 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.58 -0.41 0.00	42.70 -0.34 0.00	46.92 -0.19 0.00	56.51 0.00 0.00	55.90 -0.22 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	39.64 -0.64 0.00	36.15 -0.51 0.00
ONTARIO___LFGE 23819	31.93 -0.26 0.00	31.56 -0.16 0.00	31.21 -0.25 0.00	30.28 -0.21 0.00	31.96 -0.16 0.00	32.58 -0.07 0.00	45.29 0.84 0.00	49.61 1.35 0.00	49.30 1.25 0.00	47.39 1.20 0.00	43.60 1.06 0.00	43.95 1.03 0.00	41.79 0.90 0.00	41.63 0.82 0.00	41.89 0.90 0.00	44.30 1.25 0.00	48.90 1.79 0.00	59.22 2.71 0.00	58.31 2.19 0.00	51.39 1.69 0.00	47.63 1.43 0.00	44.21 1.12 0.00	40.80 0.52 0.00	37.69 1.03 0.00
ORANGEVILLE_WT_PWR 323706	31.09 -1.09 0.00	30.77 -0.95 0.00	30.30 -1.16 0.00	29.39 -1.10 0.00	31.03 -1.09 0.00	31.50 -1.14 0.00	42.49 -1.95 0.00	46.09 -2.17 0.00	46.13 -1.92 0.00	44.53 -1.66 0.00	41.14 -1.40 0.00	41.67 -1.25 0.00	39.75 -1.14 0.00	39.63 -1.18 0.00	39.97 -1.02 0.00	41.93 -1.12 0.00	46.07 -1.04 0.00	55.55 -0.96 0.00	54.33 -1.80 0.00	47.86 -1.84 0.00	44.39 -1.80 0.00	41.24 -1.85 0.00	38.31 -1.97 0.00	35.68 -0.99 0.00
ORANGEVILLE___ESR 323794	31.09 -1.09 0.00	30.77 -0.95 0.00	30.30 -1.16 0.00	29.39 -1.10 0.00	31.03 -1.09 0.00	31.50 -1.14 0.00	42.49 -1.95 0.00	46.09 -2.17 0.00	46.13 -1.92 0.00	44.53 -1.66 0.00	41.14 -1.40 0.00	41.67 -1.25 0.00	39.75 -1.14 0.00	39.63 -1.18 0.00	39.97 -1.02 0.00	41.93 -1.12 0.00	46.07 -1.04 0.00	55.55 -0.96 0.00	54.33 -1.80 0.00	47.86 -1.84 0.00	44.39 -1.80 0.00	41.24 -1.85 0.00	38.31 -1.97 0.00	35.68 -0.99 0.00
OSWEGATCHIE___HYD 24044	31.67 -0.52 0.00	31.24 -0.47 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.70 -0.42 0.00	32.38 -0.26 0.00	44.14 -0.31 0.00	47.73 -0.53 0.00	47.48 -0.57 0.00	45.55 -0.65 0.00	42.03 -0.51 0.00	42.28 -0.64 0.00	40.32 -0.57 0.00	40.25 -0.57 0.00	40.46 -0.53 0.00	42.45 -0.60 0.00	46.50 -0.61 0.00	55.77 -0.74 0.00	55.62 -0.51 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	40.00 -0.28 0.00	36.33 -0.33 0.00
OSWEGO___5 23606	31.16 -1.03 0.00	30.73 -0.98 0.00	30.45 -1.01 0.00	29.55 -0.95 0.00	31.13 -1.00 0.00	31.67 -0.98 0.00	43.07 -1.38 0.00	46.91 -1.35 0.00	46.71 -1.35 0.00	44.95 -1.25 0.00	41.35 -1.19 0.00	41.72 -1.20 0.00	39.71 -1.19 0.00	39.63 -1.18 0.00	39.80 -1.19 0.00	41.89 -1.16 0.00	45.93 -1.18 0.00	55.27 -1.24 0.00	54.72 -1.40 0.00	48.36 -1.34 0.00	44.90 -1.29 0.00	41.85 -1.25 0.00	38.95 -1.33 0.00	35.56 -1.10 0.00
OSWEGO___6 23613	31.16 -1.03 0.00	30.73 -0.98 0.00	30.45 -1.01 0.00	29.55 -0.95 0.00	31.13 -1.00 0.00	31.67 -0.98 0.00	43.07 -1.38 0.00	46.91 -1.35 0.00	46.71 -1.35 0.00	44.95 -1.25 0.00	41.35 -1.19 0.00	41.72 -1.20 0.00	39.71 -1.19 0.00	39.63 -1.18 0.00	39.80 -1.19 0.00	41.89 -1.16 0.00	45.93 -1.18 0.00	55.27 -1.24 0.00	54.72 -1.40 0.00	48.36 -1.34 0.00	44.90 -1.29 0.00	41.85 -1.25 0.00	38.95 -1.33 0.00	35.56 -1.10 0.00
OUTOKUMPU-AB___DRP 24206	30.55 -1.64 0.00	30.26 -1.46 0.00	29.76 -1.70 0.00	28.87 -1.62 0.00	30.45 -1.67 0.00	30.88 -1.76 0.00	41.29 -3.16 0.00	44.40 -3.86 0.00	44.36 -3.70 0.00	43.33 -2.86 0.00	40.37 -2.17 0.00	40.90 -2.02 0.00	39.10 -1.80 0.00	39.18 -1.63 0.00	39.31 -1.68 0.00	40.94 -2.11 0.00	45.04 -2.07 0.00	54.31 -2.20 0.00	52.93 -3.20 0.00	46.57 -3.13 0.00	43.19 -3.00 0.00	40.51 -2.59 0.00	37.30 -2.98 0.00	34.79 -1.87 0.00
OXBOW___BTM 323836	30.22 -1.96 0.00	29.91 -1.81 0.00	29.42 -2.04 0.00	28.54 -1.95 0.00	30.10 -2.02 0.00	30.52 -2.12 0.00	41.02 -3.42 0.00	44.26 -4.01 0.00	44.45 -3.60 0.00	43.01 -3.19 0.00	39.82 -2.72 0.00	40.39 -2.53 0.00	38.57 -2.33 0.00	38.41 -2.41 0.00	38.78 -2.21 0.00	40.51 -2.54 0.00	44.38 -2.73 0.00	53.35 -3.16 0.00	52.08 -4.04 0.00	45.87 -3.83 0.00	42.55 -3.65 0.00	39.48 -3.62 0.00	36.82 -3.46 0.00	34.43 -2.24 0.00

OXBOW____ 24026	30.19 -2.00 0.00	29.91 -1.81 0.00	29.42 -2.04 0.00	28.54 -1.95 0.00	30.10 -2.02 0.00	30.49 -2.15 0.00	40.71 -3.73 0.00	43.77 -4.49 0.00	43.68 -4.37 0.00	42.73 -3.46 0.00	39.82 -2.72 0.00	40.35 -2.58 0.00	38.56 -2.33 0.00	38.69 -2.12 0.00	38.78 -2.21 0.00	40.38 -2.67 0.00	44.42 -2.69 0.00	53.46 -3.05 0.00	52.08 -4.04 0.00	45.87 -3.83 0.00	42.55 -3.65 0.00	39.95 -3.15 0.00	36.78 -3.50 0.00	34.35 -2.31 0.00
OXY_CHEM_DSASP 323612	29.81 -2.38 0.00	29.50 -2.22 0.00	29.04 -2.42 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.03 -2.61 0.00	40.09 -4.36 0.00	42.95 -5.31 0.00	42.87 -5.19 0.00	41.94 -4.25 0.00	39.14 -3.40 0.00	39.66 -3.26 0.00	37.91 -2.99 0.00	38.04 -2.78 0.00	38.12 -2.87 0.00	39.69 -3.36 0.00	43.58 -3.53 0.00	52.44 -4.07 0.00	51.07 -5.05 0.00	44.98 -4.72 0.00	41.72 -4.48 0.00	39.22 -3.88 0.00	36.13 -4.15 0.00	33.84 -2.82 0.00
OZONE_PARK_ESR 323760	34.18 2.00 0.00	33.56 1.84 0.00	33.25 1.79 0.00	32.17 1.68 0.00	33.95 1.83 0.00	34.41 1.76 0.00	47.20 2.76 0.00	52.22 3.96 0.00	51.85 3.80 0.00	49.84 3.65 0.00	45.52 2.98 0.00	45.84 2.92 0.00	43.55 2.66 0.00	43.39 2.57 0.00	43.53 2.54 0.00	46.36 3.31 0.00	50.69 3.58 0.00	61.77 5.26 0.00	60.90 4.77 0.00	53.63 3.93 0.00	49.85 3.65 0.00	46.37 3.28 0.00	42.98 2.70 0.00	38.79 2.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.81 -2.38 0.00	29.50 -2.22 0.00	29.04 -2.42 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.03 -2.61 0.00	40.09 -4.36 0.00	42.95 -5.31 0.00	42.87 -5.19 0.00	41.94 -4.25 0.00	39.14 -3.40 0.00	39.66 -3.26 0.00	37.91 -2.99 0.00	38.04 -2.78 0.00	38.12 -2.87 0.00	39.69 -3.36 0.00	43.58 -3.53 0.00	52.44 -4.07 0.00	51.07 -5.05 0.00	44.98 -4.72 0.00	41.72 -4.48 0.00	39.22 -3.88 0.00	36.13 -4.15 0.00	33.84 -2.82 0.00
PACKARD__115KV_DUPONT_184 80571	29.81 -2.38 0.00	29.50 -2.22 0.00	29.04 -2.42 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.03 -2.61 0.00	40.09 -4.36 0.00	42.95 -5.31 0.00	42.87 -5.19 0.00	41.94 -4.25 0.00	39.14 -3.40 0.00	39.66 -3.26 0.00	37.91 -2.99 0.00	38.04 -2.78 0.00	38.12 -2.87 0.00	39.69 -3.36 0.00	43.58 -3.53 0.00	52.44 -4.07 0.00	51.07 -5.05 0.00	44.98 -4.72 0.00	41.72 -4.48 0.00	39.22 -3.88 0.00	36.13 -4.15 0.00	33.84 -2.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.26 2.06 -0.01	33.56 1.84 0.00	33.25 1.79 0.00	32.14 1.65 0.00	33.95 1.83 0.00	34.31 1.66 0.00	46.76 2.31 0.00	51.74 3.47 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.05 2.51 0.00	45.37 2.45 0.00	43.10 2.21 0.00	42.94 2.12 0.00	43.08 2.09 0.00	45.93 2.88 0.00	50.12 3.02 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.08 3.38 0.00	49.25 3.05 0.00	46.07 2.97 0.00	42.86 2.58 0.00	38.72 2.05 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.74 2.54 -0.01	34.06 2.35 0.00	33.73 2.27 0.00	32.62 2.13 0.00	34.47 2.34 0.00	34.77 2.12 0.00	47.38 2.93 0.00	52.46 4.20 0.00	52.00 3.94 0.00	49.89 3.70 0.00	45.52 2.98 0.00	45.88 2.96 0.00	43.55 2.66 0.00	43.43 2.61 0.00	43.57 2.58 0.00	46.49 3.44 0.00	50.74 3.63 0.00	61.93 5.42 0.00	61.06 4.94 0.00	53.73 4.03 0.00	49.80 3.60 0.00	46.59 3.49 0.00	43.34 3.06 0.00	39.16 2.49 0.00
PATROON__115KV_TB1 80586	33.19 1.00 0.00	32.67 0.95 0.00	32.44 0.98 0.00	31.50 1.01 0.00	33.05 0.93 0.00	33.59 0.95 0.00	46.00 1.56 0.00	50.19 1.93 0.00	50.07 2.02 0.00	48.09 1.89 0.00	43.77 1.23 0.00	43.99 1.07 0.00	41.79 0.90 0.00	41.71 0.90 0.00	41.85 0.86 0.00	44.17 1.12 0.00	48.57 1.46 0.00	58.66 2.15 0.00	57.98 1.85 0.00	51.24 1.54 0.00	47.68 1.48 0.00	44.43 1.34 0.00	41.25 0.97 0.00	37.51 0.84 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.35 -0.84 0.00	31.02 -0.70 0.00	30.49 -0.98 0.00	29.58 -0.91 0.00	31.25 -0.87 0.00	31.70 -0.95 0.00	42.49 -1.96 0.00	45.80 -2.46 0.00	45.70 -2.35 0.00	44.48 -1.71 0.00	41.39 -1.15 0.00	41.89 -1.03 0.00	40.04 -0.86 0.00	40.12 -0.69 0.00	40.25 -0.74 0.00	41.97 -1.08 0.00	46.26 -0.85 0.00	55.89 -0.62 0.00	54.39 -1.74 0.00	47.91 -1.79 0.00	44.44 -1.76 0.00	41.67 -1.42 0.00	38.39 -1.89 0.00	35.78 -0.88 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.31 2.12 0.00	33.68 1.97 0.00	33.41 1.95 0.00	32.38 1.89 0.00	34.05 1.93 0.00	34.50 1.86 0.00	47.42 2.98 0.00	52.22 3.96 0.00	51.90 3.84 0.00	49.75 3.56 0.00	45.26 2.72 0.00	45.41 2.49 0.00	43.10 2.21 0.00	43.02 2.20 0.00	43.21 2.21 0.00	45.98 2.93 0.00	50.55 3.44 0.00	61.65 5.14 0.00	60.90 4.77 0.00	53.63 3.93 0.00	49.89 3.70 0.00	46.29 3.19 0.00	42.82 2.54 0.00	38.68 2.02 0.00
PEEKSKILL____ 23653	33.70 1.51 0.00	33.11 1.39 0.00	32.84 1.38 0.00	31.80 1.31 0.00	33.50 1.38 0.00	33.98 1.34 0.00	46.58 2.13 0.00	51.35 3.09 0.00	50.99 2.93 0.00	49.06 2.86 0.00	44.71 2.17 0.00	45.02 2.10 0.00	42.78 1.88 0.00	42.74 1.92 0.00	42.84 1.85 0.00	45.50 2.45 0.00	49.84 2.73 0.00	60.69 4.18 0.00	59.83 3.70 0.00	52.68 2.98 0.00	49.02 2.82 0.00	45.73 2.63 0.00	42.25 1.97 0.00	38.24 1.58 0.00
PGE MADISON__WINDPWR 24146	34.51 2.32 0.00	34.00 2.28 0.00	33.66 2.20 0.00	32.75 2.26 0.00	34.66 2.54 0.00	35.58 2.94 0.00	48.89 4.44 0.00	53.71 5.45 0.00	53.48 5.43 0.00	51.14 4.94 0.00	46.83 4.29 0.00	47.25 4.33 0.00	44.86 3.97 0.00	44.70 3.88 0.00	44.93 3.94 0.00	47.61 4.56 0.00	52.71 5.60 0.00	64.42 7.91 0.00	63.65 7.52 0.00	56.11 6.41 0.00	52.02 5.82 0.00	48.27 5.17 0.00	44.31 4.03 0.00	40.29 3.63 0.00
PIERCEFIELD__HYD 23852	31.67 -0.51 0.00	31.30 -0.41 0.00	30.99 -0.47 0.00	30.03 -0.46 0.00	31.67 -0.45 0.00	32.32 -0.33 0.00	43.82 -0.62 0.00	47.20 -1.06 0.00	47.00 -1.06 0.00	45.04 -1.15 0.00	41.73 -0.81 0.00	42.06 -0.86 0.00	40.20 -0.70 0.00	40.12 -0.69 0.00	40.38 -0.61 0.00	42.10 -0.95 0.00	45.88 -1.22 0.00	54.53 -1.98 0.00	54.61 -1.52 0.00	48.71 -0.99 0.00	45.27 -0.92 0.00	42.19 -0.91 0.00	39.92 -0.36 0.00	36.26 -0.40 0.00
PINELAWN_CC_1 323563	46.62 2.54 -11.89	40.54 2.38 -6.45	38.06 2.33 -4.27	37.50 2.22 -4.78	38.47 2.38 -3.97	43.33 2.35 -8.34	53.16 3.60 -5.12	55.22 4.78 -2.18	54.72 4.66 -2.00	52.74 4.43 -2.11	54.07 3.57 -7.95	51.57 3.52 -5.13	48.24 3.19 -4.15	46.90 3.22 -2.86	50.02 3.20 -5.83	54.64 4.00 -7.59	57.14 4.43 -5.60	75.31 6.33 -12.47	66.46 5.84 -4.50	60.95 4.77 -6.48	57.14 4.44 -6.51	55.11 4.10 -7.91	52.26 3.26 -8.71	47.97 2.75 -8.55
PJM_GEN_HTP_PROXY 323702	33.89 1.70 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	35.80 1.50 -1.65	45.15 2.35 1.65	51.78 3.52 0.00	51.37 3.31 0.00	49.09 3.28 0.38	45.43 2.51 -0.38	45.41 2.49 0.00	43.14 2.25 0.00	43.10 2.28 0.00	43.16 2.17 0.00	45.93 2.88 0.00	50.17 3.06 0.00	61.20 4.69 0.00	60.28 4.15 0.00	53.03 3.33 0.00	49.34 3.14 0.00	46.07 2.97 0.00	42.53 2.25 0.00	38.46 1.80 0.00

PJM_GEN_KEystone 24065	32.25 0.06 0.00	31.78 0.06 0.00	31.43 -0.03 0.00	30.46 -0.03 0.00	32.12 0.00 0.00	34.23 -0.07 -1.65	42.62 -0.18 1.65	48.46 0.19 0.00	48.20 0.14 0.00	43.84 0.28 2.63	42.96 0.04 -0.38	41.46 0.09 1.55	39.59 0.00 1.30	39.70 0.00 1.12	39.72 0.04 1.31	40.63 0.26 2.68	47.48 0.38 0.00	57.58 1.07 0.00	53.90 0.40 2.62	49.80 0.10 0.00	46.29 0.09 0.00	43.18 0.09 0.00	40.00 -0.28 0.00	36.70 0.04 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.49 2.06 -7.24	37.58 1.93 -3.93	35.95 1.89 -2.60	35.20 1.80 -2.91	36.47 1.93 -2.42	41.27 1.89 -6.73	48.76 2.85 -1.46	53.50 3.91 -1.33	53.07 3.80 -1.22	50.80 3.70 -0.91	50.70 2.93 -5.22	48.96 2.92 -3.12	46.05 2.62 -2.53	45.21 2.65 -1.74	47.13 2.58 -3.55	50.94 3.27 -4.62	54.10 3.58 -3.41	69.30 5.20 -7.59	63.58 4.72 -2.74	57.47 3.83 -3.95	53.77 3.61 -3.96	51.28 3.36 -4.82	48.25 2.66 -5.31	44.07 2.20 -5.21
PJM_GEN_VFT_PROXY 323633	33.73 1.54 0.00	33.14 1.43 0.00	32.84 1.38 0.00	31.80 1.31 0.00	33.53 1.41 0.00	35.63 1.34 -1.65	44.97 2.18 1.65	51.59 3.33 0.00	51.13 3.08 0.00	48.91 3.10 0.38	45.30 2.38 -0.38	45.28 2.36 0.00	42.98 2.08 0.00	42.94 2.12 0.00	43.00 2.01 0.00	45.76 2.71 0.00	49.98 2.87 0.00	60.97 4.46 0.00	60.05 3.93 0.00	52.83 3.13 0.00	49.16 2.96 0.00	45.90 2.80 0.00	42.37 2.09 0.00	38.31 1.65 0.00
PLATSBRG_115KV_PMLD1 355749	33.09 0.90 0.00	32.76 1.05 0.00	32.34 0.88 0.00	31.19 0.70 0.00	32.86 0.74 0.00	33.49 0.85 0.00	45.65 1.20 0.00	49.08 0.82 0.00	48.97 0.91 0.00	46.84 0.65 0.00	43.39 0.85 0.00	43.61 0.69 0.00	41.63 0.74 0.00	41.63 0.82 0.00	42.02 1.02 0.00	43.91 0.86 0.00	48.05 0.94 0.00	56.40 -0.11 0.00	56.41 0.28 0.00	51.09 1.39 0.00	47.49 1.29 0.00	44.39 1.29 0.00	41.97 1.69 0.00	38.75 2.09 0.00
PLEASANTVLY___LBMP 24000	33.67 1.48 0.00	33.08 1.36 0.00	32.81 1.35 0.00	31.80 1.31 0.00	33.50 1.38 0.00	33.98 1.34 0.00	46.49 2.04 0.00	51.16 2.90 0.00	50.84 2.79 0.00	48.83 2.63 0.00	44.62 2.08 0.00	44.94 2.02 0.00	42.69 1.80 0.00	42.57 1.76 0.00	42.75 1.76 0.00	45.33 2.28 0.00	49.65 2.54 0.00	60.30 3.79 0.00	59.55 3.42 0.00	52.48 2.78 0.00	48.83 2.63 0.00	45.47 2.37 0.00	42.13 1.85 0.00	38.17 1.50 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.83 1.64 0.00	33.24 1.52 0.00	32.97 1.51 0.00	31.92 1.43 0.00	33.66 1.54 0.00	34.15 1.50 0.00	46.76 2.31 0.00	51.59 3.33 0.00	51.28 3.22 0.00	49.24 3.05 0.00	44.96 2.42 0.00	45.28 2.36 0.00	42.98 2.09 0.00	42.86 2.04 0.00	43.04 2.05 0.00	45.72 2.67 0.00	50.03 2.92 0.00	60.92 4.41 0.00	60.11 3.98 0.00	52.93 3.23 0.00	49.25 3.05 0.00	45.81 2.72 0.00	42.41 2.13 0.00	38.39 1.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.83 1.64 0.00	33.24 1.52 0.00	32.97 1.51 0.00	31.92 1.43 0.00	33.66 1.54 0.00	34.15 1.50 0.00	46.76 2.31 0.00	51.59 3.33 0.00	51.28 3.22 0.00	49.24 3.05 0.00	44.96 2.42 0.00	45.28 2.36 0.00	42.98 2.09 0.00	42.86 2.04 0.00	43.04 2.05 0.00	45.72 2.67 0.00	50.03 2.92 0.00	60.92 4.41 0.00	60.11 3.98 0.00	52.93 3.23 0.00	49.25 3.05 0.00	45.81 2.72 0.00	42.41 2.13 0.00	38.39 1.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.31 2.12 0.00	33.68 1.97 0.00	33.47 2.01 0.00	32.41 1.92 0.00	34.18 2.06 0.00	34.67 2.02 0.00	47.56 3.11 0.00	52.03 3.76 0.00	51.76 3.70 0.00	49.56 3.37 0.00	45.01 2.47 0.00	45.20 2.27 0.00	42.90 2.00 0.00	42.82 2.00 0.00	43.08 2.09 0.00	45.80 2.76 0.00	50.41 3.30 0.00	61.37 4.86 0.00	60.78 4.66 0.00	53.38 3.68 0.00	49.62 3.42 0.00	45.98 2.89 0.00	42.74 2.46 0.00	38.68 2.02 0.00
POLETTI_____ 23519	33.93 1.74 0.00	33.30 1.59 0.00	33.00 1.54 0.00	31.95 1.46 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.76 2.31 0.00	51.69 3.43 0.00	51.32 3.27 0.00	49.33 3.14 0.00	45.09 2.55 0.00	45.41 2.49 0.00	43.14 2.25 0.00	43.02 2.20 0.00	43.16 2.17 0.00	45.93 2.88 0.00	50.17 3.06 0.00	61.09 4.58 0.00	60.22 4.10 0.00	53.03 3.33 0.00	49.29 3.10 0.00	45.94 2.84 0.00	42.58 2.30 0.00	38.50 1.83 0.00
POMONA___ESR 323819	33.60 1.41 0.00	32.99 1.27 0.00	32.72 1.26 0.00	31.68 1.19 0.00	33.41 1.29 0.00	33.88 1.24 0.00	46.40 1.95 0.00	51.11 2.85 0.00	50.79 2.74 0.00	48.82 2.63 0.00	44.50 1.96 0.00	44.81 1.89 0.00	42.53 1.64 0.00	42.49 1.67 0.00	42.63 1.64 0.00	45.29 2.24 0.00	49.60 2.50 0.00	60.41 3.90 0.00	59.55 3.42 0.00	52.43 2.73 0.00	48.78 2.59 0.00	45.51 2.41 0.00	42.05 1.77 0.00	38.09 1.43 0.00
PORT_JEFF_3 23555	47.00 2.93 -11.89	40.89 2.73 -6.45	38.44 2.71 -4.27	37.86 2.59 -4.78	38.86 2.76 -3.97	43.72 2.74 -8.34	53.61 4.04 -5.12	55.70 5.26 -2.18	55.30 5.24 -2.00	53.25 4.94 -2.11	54.58 4.08 -7.95	52.04 3.99 -5.13	48.65 3.60 -4.15	47.30 3.63 -2.86	50.47 3.65 -5.83	55.16 4.52 -7.59	57.76 5.04 -5.60	76.05 7.06 -12.48	67.20 6.56 -4.51	61.66 5.47 -6.49	57.69 4.99 -6.51	55.53 4.52 -7.91	52.66 3.67 -8.71	48.40 3.19 -8.55
PORT_JEFF_4 23616	47.00 2.93 -11.89	40.89 2.73 -6.45	38.44 2.71 -4.27	37.86 2.59 -4.78	38.86 2.76 -3.97	43.72 2.74 -8.34	53.61 4.04 -5.12	55.70 5.26 -2.18	55.30 5.24 -2.00	53.25 4.94 -2.11	54.58 4.08 -7.95	52.04 3.99 -5.13	48.65 3.60 -4.15	47.30 3.63 -2.86	50.47 3.65 -5.83	55.16 4.52 -7.59	57.76 5.04 -5.60	76.05 7.06 -12.48	67.20 6.56 -4.51	61.66 5.47 -6.49	57.69 4.99 -6.51	55.53 4.52 -7.91	52.66 3.67 -8.71	48.40 3.19 -8.55
PORT_JEFF_IC 23713	47.03 2.96 -11.89	40.95 2.79 -6.45	38.47 2.74 -4.27	37.89 2.62 -4.78	38.89 2.79 -3.97	43.79 2.81 -8.34	53.65 4.09 -5.12	55.75 5.31 -2.18	55.34 5.29 -2.00	53.30 4.99 -2.11	54.62 4.13 -7.95	52.08 4.03 -5.13	48.69 3.64 -4.15	47.35 3.68 -2.86	50.51 3.69 -5.83	55.25 4.61 -7.59	57.85 5.14 -5.60	76.17 7.18 -12.48	67.32 6.68 -4.52	61.76 5.57 -6.49	57.79 5.08 -6.51	55.62 4.61 -7.91	52.70 3.70 -8.71	48.44 3.23 -8.55
PPL PILGRIM_ST_GT1 24216	46.91 2.83 -11.89	40.83 2.66 -6.45	38.34 2.61 -4.27	37.77 2.50 -4.78	38.79 2.70 -3.97	43.66 2.68 -8.34	53.61 4.04 -5.12	55.66 5.21 -2.18	55.20 5.14 -2.00	53.16 4.85 -2.11	54.45 3.96 -7.95	51.95 3.91 -5.13	48.57 3.52 -4.15	47.26 3.59 -2.86	50.39 3.56 -5.83	55.07 4.44 -7.59	57.61 4.90 -5.60	75.87 6.89 -12.47	67.03 6.40 -4.50	61.45 5.27 -6.48	57.55 4.85 -6.51	55.49 4.48 -7.91	52.58 3.58 -8.71	48.30 3.08 -8.55
PPL PILGRIM_ST_GT2 24217	46.91 2.83 -11.89	40.83 2.66 -6.45	38.34 2.61 -4.27	37.77 2.50 -4.78	38.79 2.70 -3.97	43.66 2.68 -8.34	53.61 4.04 -5.12	55.66 5.21 -2.18	55.20 5.14 -2.00	53.16 4.85 -2.11	54.45 3.96 -7.95	51.95 3.91 -5.13	48.57 3.52 -4.15	47.26 3.59 -2.86	50.39 3.56 -5.83	55.07 4.44 -7.59	57.61 4.90 -5.60	75.87 6.89 -12.47	67.03 6.40 -4.50	61.45 5.27 -6.48	57.55 4.85 -6.51	55.49 4.48 -7.91	52.58 3.58 -8.71	48.30 3.08 -8.55

PPL_SHRM_GT3 24213	47.32 3.25 -11.89	41.21 3.05 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	44.08 3.10 -8.34	53.56 4.00 -5.12	55.70 5.26 -2.18	55.53 5.48 -2.00	53.53 5.22 -2.11	54.96 4.47 -7.95	52.38 4.33 -5.13	48.94 3.89 -4.15	47.63 3.96 -2.86	50.80 3.98 -5.83	55.59 4.95 -7.59	58.36 5.65 -5.60	76.79 7.80 -12.48	67.93 7.29 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.71 4.70 -7.91	52.82 3.83 -8.71	48.81 3.60 -8.55
PPL_SHRM_GT4 24214	47.32 3.25 -11.89	41.21 3.05 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	44.08 3.10 -8.34	53.56 4.00 -5.12	55.70 5.26 -2.18	55.53 5.48 -2.00	53.53 5.22 -2.11	54.96 4.47 -7.95	52.38 4.33 -5.13	48.94 3.89 -4.15	47.63 3.96 -2.86	50.80 3.98 -5.83	55.59 4.95 -7.59	58.36 5.65 -5.60	76.79 7.80 -12.48	67.93 7.29 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.71 4.70 -7.91	52.82 3.83 -8.71	48.81 3.60 -8.55
PROJECT___ORANGE 1 24174	31.48 -0.71 0.00	31.05 -0.67 0.00	30.77 -0.69 0.00	29.82 -0.67 0.00	31.45 -0.67 0.00	31.99 -0.65 0.00	43.51 -0.93 0.00	47.44 -0.82 0.00	47.24 -0.82 0.00	45.50 -0.69 0.00	41.90 -0.64 0.00	42.28 -0.64 0.00	40.24 -0.65 0.00	40.20 -0.61 0.00	40.34 -0.66 0.00	42.45 -0.60 0.00	46.59 -0.52 0.00	56.11 -0.40 0.00	55.51 -0.62 0.00	49.00 -0.70 0.00	45.50 -0.69 0.00	42.41 -0.69 0.00	39.35 -0.93 0.00	35.89 -0.77 0.00
PROJECT___ORANGE 2 24166	31.48 -0.71 0.00	31.05 -0.67 0.00	30.77 -0.69 0.00	29.82 -0.67 0.00	31.45 -0.67 0.00	31.99 -0.65 0.00	43.51 -0.93 0.00	47.44 -0.82 0.00	47.24 -0.82 0.00	45.50 -0.69 0.00	41.90 -0.64 0.00	42.28 -0.64 0.00	40.24 -0.65 0.00	40.20 -0.61 0.00	40.34 -0.66 0.00	42.45 -0.60 0.00	46.59 -0.52 0.00	56.11 -0.40 0.00	55.51 -0.62 0.00	49.00 -0.70 0.00	45.50 -0.69 0.00	42.41 -0.69 0.00	39.35 -0.93 0.00	35.89 -0.77 0.00
PUCKETT___SOLAR 323809	32.89 0.71 0.00	32.45 0.73 0.00	32.12 0.66 0.00	31.19 0.70 0.00	32.93 0.80 0.00	33.56 0.91 0.00	45.74 1.29 0.00	50.05 1.79 0.00	49.78 1.73 0.00	47.81 1.62 0.00	43.81 1.28 0.00	44.21 1.29 0.00	42.04 1.14 0.00	41.92 1.10 0.00	42.14 1.15 0.00	44.47 1.42 0.00	48.95 1.84 0.00	59.33 2.82 0.00	58.54 2.41 0.00	51.64 1.94 0.00	47.95 1.76 0.00	44.65 1.55 0.00	41.25 0.97 0.00	37.73 1.06 0.00
PYRITES___HYD 24023	32.25 0.06 0.00	31.87 0.16 0.00	31.59 0.13 0.00	30.61 0.12 0.00	32.28 0.16 0.00	33.00 0.36 0.00	44.85 0.40 0.00	48.41 0.14 0.00	48.30 0.24 0.00	46.24 0.05 0.00	42.88 0.34 0.00	43.22 0.30 0.00	41.39 0.49 0.00	41.22 0.41 0.00	41.44 0.45 0.00	43.18 0.13 0.00	47.06 -0.05 0.00	55.89 -0.62 0.00	56.01 -0.11 0.00	49.95 0.25 0.00	46.38 0.18 0.00	43.18 0.09 0.00	40.80 0.52 0.00	37.03 0.37 0.00
QUAKERRD_115KV_BK1 80622	30.35 -1.83 0.00	30.04 -1.68 0.00	29.70 -1.76 0.00	28.78 -1.71 0.00	30.36 -1.77 0.00	30.85 -1.80 0.00	41.60 -2.84 0.00	45.27 -2.99 0.00	45.17 -2.88 0.00	43.74 -2.45 0.00	40.46 -2.08 0.00	40.90 -2.02 0.00	38.89 -2.00 0.00	38.94 -1.88 0.00	39.11 -1.89 0.00	40.98 -2.07 0.00	45.04 -2.07 0.00	54.25 -2.26 0.00	53.38 -2.75 0.00	47.02 -2.68 0.00	43.56 -2.63 0.00	40.68 -2.41 0.00	37.66 -2.62 0.00	34.57 -2.09 0.00
QUENSBRY_115KV_TB8 356137	33.47 1.29 0.00	32.99 1.27 0.00	32.85 1.38 0.00	31.86 1.37 0.00	33.18 1.06 0.00	33.85 1.21 0.00	46.58 2.13 0.00	50.53 2.27 0.00	50.70 2.64 0.00	48.64 2.45 0.00	44.50 1.96 0.00	44.64 1.72 0.00	42.20 1.31 0.00	42.04 1.22 0.00	42.06 1.07 0.00	44.56 1.51 0.00	49.32 2.21 0.00	59.73 3.22 0.00	59.04 2.92 0.00	52.24 2.53 0.00	48.60 2.40 0.00	45.12 2.03 0.00	41.57 1.29 0.00	37.84 1.17 0.00
RAMAPO___LBMP 323565	33.51 1.32 0.00	32.92 1.21 0.00	32.66 1.20 0.00	31.62 1.13 0.00	33.34 1.22 0.00	33.82 1.18 0.00	46.31 1.87 0.00	50.97 2.70 0.00	50.65 2.59 0.00	48.64 2.45 0.00	44.41 1.87 0.00	44.72 1.80 0.00	42.49 1.59 0.00	42.37 1.55 0.00	42.51 1.52 0.00	45.16 2.11 0.00	49.47 2.36 0.00	60.18 3.67 0.00	59.38 3.26 0.00	52.28 2.58 0.00	48.69 2.49 0.00	45.29 2.20 0.00	41.97 1.69 0.00	37.98 1.32 0.00
RANKINE____ 23646	31.00 -1.19 0.00	30.67 -1.05 0.00	30.17 -1.29 0.00	29.27 -1.22 0.00	30.90 -1.22 0.00	31.34 -1.31 0.00	41.96 -2.49 0.00	45.17 -3.09 0.00	45.08 -2.98 0.00	43.98 -2.22 0.00	40.97 -1.57 0.00	41.46 -1.46 0.00	39.63 -1.27 0.00	39.71 -1.10 0.00	39.84 -1.15 0.00	41.54 -1.51 0.00	45.70 -1.41 0.00	55.15 -1.36 0.00	53.71 -2.41 0.00	47.31 -2.39 0.00	43.89 -2.31 0.00	41.16 -1.94 0.00	37.90 -2.38 0.00	35.34 -1.32 0.00
RAVENSWOOD_GT2_1 24244	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT2_2 24245	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT2_3 24246	33.99 1.80 0.00	33.37 1.65 0.00	33.07 1.60 0.00	31.98 1.49 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.47 3.28 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.23 2.33 0.00	43.10 2.29 0.00	43.25 2.25 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.18 3.48 0.00	49.43 3.23 0.00	46.03 2.93 0.00	42.66 2.38 0.00	38.53 1.87 0.00
RAVENSWOOD_GT2_4 24247	33.99 1.80 0.00	33.37 1.65 0.00	33.07 1.60 0.00	31.98 1.49 0.00	33.76 1.64 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.83 3.57 0.00	51.47 3.41 0.00	49.47 3.28 0.00	45.18 2.64 0.00	45.54 2.62 0.00	43.23 2.33 0.00	43.10 2.29 0.00	43.25 2.25 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.18 3.48 0.00	49.43 3.23 0.00	46.03 2.93 0.00	42.66 2.38 0.00	38.53 1.87 0.00
RAVENSWOOD_GT3_1 24248	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.43 3.23 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.53 1.87 0.00

RAVENSWOOD_GT3_2 24249	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.39 4.27 0.00	53.13 3.43 0.00	49.43 3.23 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.53 1.87 0.00
RAVENSWOOD_GT3_3 24250	33.99 1.80 0.00	33.40 1.68 0.00	33.07 1.60 0.00	32.02 1.52 0.00	33.79 1.67 0.00	34.24 1.60 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.06 3.01 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.23 3.53 0.00	49.48 3.28 0.00	46.07 2.97 0.00	42.70 2.42 0.00	38.57 1.91 0.00
RAVENSWOOD_GT3_4 24251	33.99 1.80 0.00	33.40 1.68 0.00	33.07 1.60 0.00	32.02 1.52 0.00	33.79 1.67 0.00	34.24 1.60 0.00	46.89 2.44 0.00	51.88 3.62 0.00	51.52 3.46 0.00	49.52 3.33 0.00	45.22 2.68 0.00	45.58 2.66 0.00	43.27 2.37 0.00	43.14 2.33 0.00	43.29 2.30 0.00	46.06 3.01 0.00	50.31 3.20 0.00	61.31 4.80 0.00	60.45 4.32 0.00	53.23 3.53 0.00	49.48 3.28 0.00	46.07 2.97 0.00	42.70 2.42 0.00	38.57 1.91 0.00
RAVENSWOOD_GT_1 23729	34.16 1.96 -0.01	33.49 1.78 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.34 1.70 0.00	46.93 2.49 0.00	51.98 3.72 0.00	51.61 3.56 0.00	49.61 3.42 0.00	45.30 2.77 0.00	45.67 2.75 0.00	43.35 2.45 0.00	43.18 2.37 0.00	43.33 2.34 0.00	53.37 3.14 -7.18	50.41 3.30 0.00	67.08 4.97 -5.60	67.29 4.49 -6.67	59.51 3.63 -6.18	49.52 3.33 0.00	46.16 3.06 0.00	42.86 2.58 0.00	38.68 2.02 0.00
RAVENSWOOD_GT_10 24258	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT_11 24259	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT_4 24252	33.92 1.74 0.01	33.30 1.59 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.13 2.59 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.06 2.24 0.00	43.21 2.21 0.00	51.44 2.93 -5.46	50.22 3.11 0.00	65.46 4.69 -4.26	65.41 4.21 -5.08	57.84 3.43 -4.71	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT_5 24254	33.92 1.74 0.01	33.30 1.59 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.13 2.59 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.06 2.24 0.00	43.21 2.21 0.00	51.44 2.93 -5.46	50.22 3.11 0.00	65.46 4.69 -4.26	65.41 4.21 -5.08	57.84 3.43 -4.71	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT_6 24253	33.92 1.74 0.01	33.30 1.59 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.13 2.59 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.06 2.24 0.00	43.21 2.21 0.00	51.44 2.93 -5.46	50.22 3.11 0.00	65.46 4.69 -4.26	65.41 4.21 -5.08	57.84 3.43 -4.71	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT_7 24255	33.92 1.74 0.01	33.30 1.59 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.13 2.59 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.06 2.24 0.00	43.21 2.21 0.00	51.44 2.93 -5.46	50.22 3.11 0.00	65.46 4.69 -4.26	65.41 4.21 -5.08	57.84 3.43 -4.71	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD_GT_9 24257	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.62 2.34 0.00	38.50 1.83 0.00
RAVENSWOOD___1 23533	34.16 1.96 -0.01	33.49 1.78 0.00	33.16 1.70 0.00	32.11 1.61 0.00	33.89 1.77 0.00	34.28 1.63 0.00	46.98 2.53 0.00	51.98 3.72 0.00	51.56 3.51 0.00	49.70 3.51 0.00	45.26 2.72 0.00	45.63 2.71 0.00	43.31 2.41 0.00	43.31 2.49 0.00	43.33 2.34 0.00	46.15 3.10 0.00	50.45 3.35 0.00	61.48 4.97 0.00	60.62 4.49 0.00	53.33 3.63 0.00	49.48 3.28 0.00	46.29 3.19 0.00	42.82 2.54 0.00	38.68 2.02 0.00
RAVENSWOOD___2 23534	34.13 1.93 -0.01	33.49 1.78 0.00	33.16 1.70 0.00	32.08 1.58 0.00	33.89 1.77 0.00	34.28 1.63 0.00	46.98 2.53 0.00	51.98 3.72 0.00	51.56 3.51 0.00	49.66 3.47 0.00	45.26 2.72 0.00	45.63 2.71 0.00	43.31 2.41 0.00	43.27 2.45 0.00	43.33 2.34 0.00	46.15 3.10 0.00	50.41 3.30 0.00	61.48 4.97 0.00	60.62 4.49 0.00	53.28 3.58 0.00	49.48 3.28 0.00	46.29 3.19 0.00	42.78 2.50 0.00	38.64 1.98 0.00
RAVENSWOOD___3 23535	33.96 1.77 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.89 2.44 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.56 3.37 0.00	45.14 2.60 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.18 2.37 0.00	43.24 2.25 0.00	46.02 2.97 0.00	50.27 3.16 0.00	61.31 4.80 0.00	60.39 4.26 0.00	53.13 3.43 0.00	49.38 3.19 0.00	46.16 3.06 0.00	42.62 2.34 0.00	38.53 1.87 0.00

RAVENSWOOD___4 23820	34.13 1.93 -0.01	33.46 1.74 0.00	33.16 1.70 0.00	32.08 1.58 0.00	33.86 1.73 0.00	34.28 1.63 0.00	46.93 2.49 0.00	51.98 3.72 0.00	51.56 3.51 0.00	49.66 3.47 0.00	45.22 2.68 0.00	45.63 2.71 0.00	43.31 2.41 0.00	43.27 2.45 0.00	43.33 2.34 0.00	39.08 3.10 7.07	50.41 3.30 0.00	55.97 4.97 5.51	53.99 4.43 6.57	47.19 3.58 6.09	49.48 3.28 0.00	46.29 3.19 0.00	42.78 2.50 0.00	38.64 1.98 0.00
RCPI_TRUST___DRP 24196	33.93 1.74 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.83 3.57 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.23 2.33 0.00	43.06 2.24 0.00	43.21 2.21 0.00	45.98 2.93 0.00	50.27 3.16 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.98 2.89 0.00	42.58 2.30 0.00	38.50 1.83 0.00
RED___ROCHESTER 323720	31.13 -1.06 0.00	30.80 -0.92 0.00	30.39 -1.07 0.00	29.45 -1.04 0.00	31.09 -1.03 0.00	31.63 -1.01 0.00	42.76 -1.69 0.00	46.67 -1.59 0.00	46.76 -1.30 0.00	45.08 -1.11 0.00	41.60 -0.94 0.00	42.10 -0.82 0.00	40.03 -0.86 0.00	39.92 -0.90 0.00	40.29 -0.70 0.00	42.28 -0.77 0.00	46.35 -0.76 0.00	55.89 -0.62 0.00	54.94 -1.18 0.00	48.31 -1.39 0.00	44.76 -1.43 0.00	41.50 -1.59 0.00	38.63 -1.65 0.00	35.60 -1.06 0.00
REGAN___SOLAR 323812	35.76 3.57 0.00	35.36 3.65 0.00	35.08 3.62 0.00	33.90 3.41 0.00	35.49 3.37 0.00	36.40 3.75 0.00	50.22 5.78 0.00	54.44 6.18 0.00	54.45 6.39 0.00	52.11 5.91 0.00	47.51 4.97 0.00	47.60 4.68 0.00	45.15 4.25 0.00	44.94 4.12 0.00	45.01 4.02 0.00	48.00 4.95 0.00	53.47 6.36 0.00	64.87 8.36 0.00	63.92 7.80 0.00	56.76 7.05 0.00	52.85 6.65 0.00	49.13 6.03 0.00	44.91 4.63 0.00	40.81 4.14 0.00
RENSSELAER___COGEN 23796	33.06 0.87 0.00	32.51 0.79 0.00	32.28 0.82 0.00	31.34 0.85 0.00	32.89 0.77 0.00	33.43 0.78 0.00	45.42 0.98 0.00	49.57 1.30 0.00	49.40 1.34 0.00	47.44 1.25 0.00	43.39 0.85 0.00	43.73 0.81 0.00	41.59 0.69 0.00	41.47 0.65 0.00	41.61 0.62 0.00	43.95 0.91 0.00	48.29 1.18 0.00	58.32 1.81 0.00	57.64 1.52 0.00	50.94 1.24 0.00	47.40 1.20 0.00	44.21 1.12 0.00	41.04 0.76 0.00	37.29 0.62 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.54 2.35 0.00	34.06 2.35 0.00	33.92 2.45 0.00	32.90 2.41 0.00	34.21 2.09 0.00	34.99 2.35 0.00	48.40 3.96 0.00	52.61 4.34 0.00	53.05 5.00 0.00	50.81 4.62 0.00	46.45 3.91 0.00	46.40 3.48 0.00	43.68 2.78 0.00	43.47 2.65 0.00	43.45 2.46 0.00	46.11 3.06 0.00	51.35 4.24 0.00	62.27 5.76 0.00	61.46 5.33 0.00	54.52 4.82 0.00	50.68 4.48 0.00	46.93 3.84 0.00	42.94 2.66 0.00	39.27 2.60 0.00
REVERE_CPPR_DRP 24186	33.15 0.97 0.00	32.64 0.92 0.00	32.37 0.91 0.00	31.41 0.91 0.00	33.18 1.06 0.00	33.88 1.24 0.00	46.31 1.87 0.00	50.53 2.27 0.00	50.31 2.26 0.00	48.27 2.08 0.00	44.37 1.83 0.00	44.68 1.76 0.00	42.49 1.59 0.00	42.41 1.59 0.00	42.59 1.60 0.00	44.90 1.85 0.00	49.37 2.26 0.00	59.73 3.22 0.00	59.10 2.97 0.00	52.19 2.49 0.00	48.46 2.26 0.00	45.12 2.03 0.00	41.77 1.49 0.00	37.98 1.32 0.00
REYNOLDS_115KV_TB3 80639	33.25 1.06 0.00	32.73 1.01 0.00	32.50 1.04 0.00	31.53 1.04 0.00	33.12 1.00 0.00	33.66 1.01 0.00	46.05 1.60 0.00	50.29 2.03 0.00	50.12 2.07 0.00	48.13 1.94 0.00	43.90 1.36 0.00	44.17 1.24 0.00	41.96 1.06 0.00	41.88 1.06 0.00	42.02 1.02 0.00	44.38 1.33 0.00	48.76 1.65 0.00	58.88 2.37 0.00	58.26 2.13 0.00	51.44 1.74 0.00	47.86 1.66 0.00	44.65 1.55 0.00	41.45 1.17 0.00	37.65 0.99 0.00
RIVERBAY____ 323610	34.74 2.54 -0.01	34.06 2.35 0.00	33.73 2.27 0.00	32.62 2.13 0.00	34.47 2.34 0.00	34.77 2.12 0.00	47.38 2.93 0.00	52.46 4.20 0.00	52.00 3.94 0.00	49.89 3.70 0.00	45.52 2.98 0.00	45.88 2.96 0.00	43.55 2.66 0.00	43.43 2.61 0.00	43.57 2.58 0.00	46.49 3.44 0.00	50.74 3.63 0.00	61.93 5.42 0.00	61.06 4.94 0.00	53.73 4.03 0.00	49.80 3.60 0.00	46.59 3.49 0.00	43.34 3.06 0.00	39.16 2.49 0.00
RIVERSDE_115KV_TB3 55908	33.19 1.00 0.00	32.67 0.95 0.00	32.44 0.98 0.00	31.47 0.98 0.00	33.05 0.93 0.00	33.59 0.95 0.00	45.96 1.51 0.00	50.14 1.88 0.00	50.03 1.97 0.00	48.04 1.85 0.00	43.73 1.19 0.00	43.99 1.07 0.00	41.79 0.90 0.00	41.71 0.90 0.00	41.85 0.86 0.00	44.21 1.16 0.00	48.57 1.46 0.00	58.66 2.15 0.00	58.03 1.91 0.00	51.24 1.54 0.00	47.68 1.48 0.00	44.48 1.38 0.00	41.29 1.01 0.00	37.51 0.84 0.00
ROARING___BROOK_WT_PWR 323790	32.19 0.00 0.00	31.72 0.00 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.12 0.00 0.00	32.64 0.00 0.00	44.45 0.00 0.00	48.07 -0.19 0.00	47.86 -0.19 0.00	46.01 -0.18 0.00	42.45 -0.08 0.00	42.84 -0.09 0.00	40.85 -0.04 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	42.92 -0.13 0.00	46.88 -0.23 0.00	56.00 -0.51 0.00	55.79 -0.33 0.00	49.50 -0.20 0.00	46.01 -0.18 0.00	42.97 -0.13 0.00	40.36 0.08 0.00	36.74 0.07 0.00
ROCHESRG_115KV_T4 355643	30.84 -1.35 0.00	30.51 -1.21 0.00	30.14 -1.32 0.00	29.21 -1.28 0.00	30.80 -1.32 0.00	31.27 -1.37 0.00	42.18 -2.27 0.00	45.80 -2.46 0.00	45.70 -2.35 0.00	44.34 -1.85 0.00	41.09 -1.45 0.00	41.55 -1.37 0.00	39.55 -1.35 0.00	39.59 -1.22 0.00	39.76 -1.23 0.00	41.63 -1.42 0.00	45.74 -1.37 0.00	55.10 -1.41 0.00	54.11 -2.02 0.00	47.66 -2.04 0.00	44.16 -2.03 0.00	41.29 -1.81 0.00	38.19 -2.09 0.00	35.20 -1.47 0.00
ROCHESTER_9_IC 23652	31.00 -1.19 0.00	30.67 -1.05 0.00	30.30 -1.16 0.00	29.36 -1.13 0.00	30.97 -1.16 0.00	31.47 -1.18 0.00	42.40 -2.04 0.00	46.14 -2.12 0.00	46.04 -2.02 0.00	44.67 -1.52 0.00	41.39 -1.15 0.00	41.85 -1.07 0.00	39.83 -1.06 0.00	39.88 -0.94 0.00	40.09 -0.90 0.00	41.93 -1.12 0.00	46.12 -0.99 0.00	55.61 -0.90 0.00	54.55 -1.57 0.00	48.01 -1.69 0.00	44.49 -1.71 0.00	41.54 -1.55 0.00	38.43 -1.85 0.00	35.42 -1.25 0.00
ROCKVIEW_13_KV_LD 356306	33.93 1.74 0.00	33.33 1.62 0.00	33.03 1.57 0.00	31.98 1.49 0.00	33.73 1.61 0.00	34.21 1.57 0.00	46.89 2.44 0.00	51.79 3.52 0.00	51.47 3.41 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.45 2.53 0.00	43.18 2.29 0.00	43.06 2.24 0.00	43.21 2.21 0.00	45.93 2.88 0.00	50.27 3.16 0.00	61.26 4.75 0.00	60.39 4.27 0.00	53.18 3.48 0.00	49.48 3.28 0.00	45.98 2.89 0.00	42.58 2.30 0.00	38.50 1.83 0.00
ROME____115KV_TB2 80656	33.15 0.97 0.00	32.64 0.92 0.00	32.37 0.91 0.00	31.41 0.91 0.00	33.18 1.06 0.00	33.88 1.24 0.00	46.31 1.87 0.00	50.53 2.27 0.00	50.31 2.26 0.00	48.27 2.08 0.00	44.37 1.83 0.00	44.68 1.76 0.00	42.49 1.59 0.00	42.41 1.59 0.00	42.59 1.60 0.00	44.90 1.85 0.00	49.37 2.26 0.00	59.73 3.22 0.00	59.10 2.97 0.00	52.19 2.49 0.00	48.46 2.26 0.00	45.12 2.03 0.00	41.77 1.49 0.00	37.98 1.32 0.00

ROSETON___1 23587	33.57 1.38 0.00	33.02 1.30 0.00	32.75 1.29 0.00	31.71 1.22 0.00	33.44 1.32 0.00	33.92 1.27 0.00	46.40 1.95 0.00	51.01 2.75 0.00	50.70 2.64 0.00	48.78 2.59 0.00	44.50 1.96 0.00	44.81 1.89 0.00	42.57 1.68 0.00	42.53 1.71 0.00	42.63 1.64 0.00	45.24 2.19 0.00	49.56 2.45 0.00	60.24 3.73 0.00	59.44 3.31 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.42 2.33 0.00	42.05 1.77 0.00	38.09 1.43 0.00
ROSETON___2 23588	33.57 1.38 0.00	33.02 1.30 0.00	32.75 1.29 0.00	31.71 1.22 0.00	33.44 1.32 0.00	33.92 1.27 0.00	46.40 1.95 0.00	51.01 2.75 0.00	50.70 2.64 0.00	48.78 2.59 0.00	44.50 1.96 0.00	44.81 1.89 0.00	42.57 1.68 0.00	42.53 1.71 0.00	42.63 1.64 0.00	45.24 2.19 0.00	49.56 2.45 0.00	60.24 3.73 0.00	59.44 3.31 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.42 2.33 0.00	42.05 1.77 0.00	38.09 1.43 0.00
ROTTTRDAM_115KV_TB3 80664	33.19 1.00 0.00	32.67 0.95 0.00	32.47 1.01 0.00	31.47 0.98 0.00	33.09 0.96 0.00	33.59 0.95 0.00	45.96 1.51 0.00	50.10 1.83 0.00	49.98 1.92 0.00	47.99 1.80 0.00	43.99 1.45 0.00	44.25 1.33 0.00	42.04 1.15 0.00	41.96 1.14 0.00	42.10 1.11 0.00	44.47 1.42 0.00	48.85 1.74 0.00	59.00 2.49 0.00	58.37 2.25 0.00	51.59 1.89 0.00	48.00 1.80 0.00	44.69 1.59 0.00	41.49 1.21 0.00	37.73 1.06 0.00
RUSSELL___1 23602	31.13 -1.06 0.00	30.80 -0.92 0.00	30.39 -1.07 0.00	29.45 -1.04 0.00	31.09 -1.03 0.00	31.60 -1.04 0.00	42.62 -1.82 0.00	46.38 -1.88 0.00	46.33 -1.73 0.00	44.90 -1.29 0.00	41.65 -0.89 0.00	42.11 -0.82 0.00	40.04 -0.86 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	42.19 -0.86 0.00	46.40 -0.71 0.00	55.94 -0.57 0.00	54.95 -1.18 0.00	48.36 -1.34 0.00	44.76 -1.43 0.00	41.80 -1.29 0.00	38.63 -1.65 0.00	35.56 -1.10 0.00
RUSSELL___2 23532	31.13 -1.06 0.00	30.80 -0.92 0.00	30.39 -1.07 0.00	29.45 -1.04 0.00	31.09 -1.03 0.00	31.60 -1.04 0.00	42.62 -1.82 0.00	46.38 -1.88 0.00	46.33 -1.73 0.00	44.90 -1.29 0.00	41.65 -0.89 0.00	42.11 -0.82 0.00	40.04 -0.86 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	42.19 -0.86 0.00	46.40 -0.71 0.00	55.94 -0.57 0.00	54.95 -1.18 0.00	48.36 -1.34 0.00	44.76 -1.43 0.00	41.80 -1.29 0.00	38.63 -1.65 0.00	35.56 -1.10 0.00
RUSSELL___3 23549	31.13 -1.06 0.00	30.80 -0.92 0.00	30.39 -1.07 0.00	29.45 -1.04 0.00	31.09 -1.03 0.00	31.60 -1.04 0.00	42.62 -1.82 0.00	46.38 -1.88 0.00	46.33 -1.73 0.00	44.90 -1.29 0.00	41.65 -0.89 0.00	42.11 -0.82 0.00	40.04 -0.86 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	42.19 -0.86 0.00	46.40 -0.71 0.00	55.94 -0.57 0.00	54.95 -1.18 0.00	48.36 -1.34 0.00	44.76 -1.43 0.00	41.80 -1.29 0.00	38.63 -1.65 0.00	35.56 -1.10 0.00
RUSSELL___4 23556	31.13 -1.06 0.00	30.80 -0.92 0.00	30.39 -1.07 0.00	29.45 -1.04 0.00	31.09 -1.03 0.00	31.60 -1.04 0.00	42.62 -1.82 0.00	46.38 -1.88 0.00	46.33 -1.73 0.00	44.90 -1.29 0.00	41.65 -0.89 0.00	42.11 -0.82 0.00	40.04 -0.86 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	42.19 -0.86 0.00	46.40 -0.71 0.00	55.94 -0.57 0.00	54.95 -1.18 0.00	48.36 -1.34 0.00	44.76 -1.43 0.00	41.80 -1.29 0.00	38.63 -1.65 0.00	35.56 -1.10 0.00
RUSSELL___STATION 23914	31.13 -1.06 0.00	30.80 -0.92 0.00	30.39 -1.07 0.00	29.45 -1.04 0.00	31.09 -1.03 0.00	31.60 -1.04 0.00	42.62 -1.82 0.00	46.38 -1.88 0.00	46.33 -1.73 0.00	44.90 -1.29 0.00	41.65 -0.89 0.00	42.11 -0.82 0.00	40.04 -0.86 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	42.19 -0.86 0.00	46.40 -0.71 0.00	55.94 -0.57 0.00	54.95 -1.18 0.00	48.36 -1.34 0.00	44.76 -1.43 0.00	41.80 -1.29 0.00	38.63 -1.65 0.00	35.56 -1.10 0.00
S SALMON___HYD 24043	31.57 -0.61 0.00	31.05 -0.67 0.00	30.80 -0.66 0.00	29.85 -0.64 0.00	31.51 -0.61 0.00	32.12 -0.52 0.00	43.65 -0.80 0.00	47.59 -0.68 0.00	47.28 -0.77 0.00	45.55 -0.65 0.00	41.86 -0.68 0.00	42.19 -0.73 0.00	40.16 -0.73 0.00	40.04 -0.78 0.00	40.26 -0.74 0.00	42.36 -0.69 0.00	46.55 -0.56 0.00	56.23 -0.28 0.00	55.67 -0.45 0.00	49.15 -0.55 0.00	45.69 -0.51 0.00	42.62 -0.47 0.00	39.63 -0.65 0.00	36.08 -0.59 0.00
S.PERRY__115KV_TB1 80734	32.16 -0.03 0.00	31.87 0.16 0.00	31.46 0.00 0.00	30.49 0.00 0.00	32.22 0.10 0.00	32.84 0.20 0.00	42.85 -1.60 0.00	46.77 -1.50 0.00	46.47 -1.59 0.00	44.85 -1.34 0.00	41.56 -0.98 0.00	42.02 -0.90 0.00	39.95 -0.94 0.00	39.96 -0.86 0.00	40.34 -0.66 0.00	42.49 -0.56 0.00	47.06 -0.05 0.00	56.79 0.28 0.00	55.68 -0.45 0.00	49.15 -0.55 0.00	45.46 -0.74 0.00	42.41 -0.69 0.00	40.28 0.00 0.00	37.10 0.44 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.55 -1.64 0.00	30.26 -1.46 0.00	29.73 -1.73 0.00	28.84 -1.65 0.00	30.42 -1.70 0.00	30.85 -1.80 0.00	41.25 -3.20 0.00	44.35 -3.91 0.00	44.21 -3.84 0.00	43.19 -3.00 0.00	40.24 -2.30 0.00	40.77 -2.15 0.00	38.97 -1.92 0.00	39.06 -1.76 0.00	39.19 -1.80 0.00	40.85 -2.20 0.00	44.90 -2.21 0.00	54.08 -2.43 0.00	52.70 -3.42 0.00	46.42 -3.28 0.00	43.06 -3.14 0.00	40.42 -2.67 0.00	37.22 -3.06 0.00	34.76 -1.91 0.00
SAWYER___23_KV_LOAD 55526	30.55 -1.64 0.00	30.26 -1.46 0.00	29.73 -1.73 0.00	28.84 -1.65 0.00	30.42 -1.70 0.00	30.85 -1.80 0.00	41.25 -3.20 0.00	44.35 -3.91 0.00	44.21 -3.84 0.00	43.19 -3.00 0.00	40.24 -2.30 0.00	40.77 -2.15 0.00	38.97 -1.92 0.00	39.06 -1.76 0.00	39.19 -1.80 0.00	40.85 -2.20 0.00	44.90 -2.21 0.00	54.08 -2.43 0.00	52.70 -3.42 0.00	46.42 -3.28 0.00	43.06 -3.14 0.00	40.42 -2.67 0.00	37.22 -3.06 0.00	34.76 -1.91 0.00
SELKIRK___I 23801	33.25 1.06 0.00	32.73 1.01 0.00	32.50 1.04 0.00	31.53 1.04 0.00	33.12 1.00 0.00	33.66 1.01 0.00	45.78 1.33 0.00	49.90 1.64 0.00	49.78 1.73 0.00	47.81 1.62 0.00	43.77 1.23 0.00	44.08 1.16 0.00	41.92 1.02 0.00	41.79 0.98 0.00	41.94 0.94 0.00	44.25 1.20 0.00	48.66 1.55 0.00	58.66 2.15 0.00	58.04 1.91 0.00	51.34 1.64 0.00	47.77 1.57 0.00	44.56 1.47 0.00	41.37 1.09 0.00	37.61 0.95 0.00
SELKIRK___II 23799	33.09 0.90 0.00	32.57 0.86 0.00	32.34 0.88 0.00	31.38 0.88 0.00	32.96 0.83 0.00	33.46 0.82 0.00	45.56 1.11 0.00	49.71 1.45 0.00	49.55 1.49 0.00	47.58 1.38 0.00	43.52 0.98 0.00	43.86 0.94 0.00	41.71 0.82 0.00	41.63 0.82 0.00	41.77 0.78 0.00	44.08 1.03 0.00	48.43 1.32 0.00	58.49 1.98 0.00	57.87 1.74 0.00	51.09 1.39 0.00	47.54 1.34 0.00	44.35 1.25 0.00	41.17 0.89 0.00	37.40 0.73 0.00
SENECA OSWGO___HYD 24041	31.19 -1.00 0.00	30.77 -0.95 0.00	30.52 -0.94 0.00	29.58 -0.91 0.00	31.19 -0.93 0.00	31.73 -0.91 0.00	43.11 -1.33 0.00	47.06 -1.20 0.00	46.81 -1.25 0.00	45.04 -1.15 0.00	41.43 -1.11 0.00	41.85 -1.07 0.00	39.83 -1.06 0.00	39.72 -1.10 0.00	39.93 -1.07 0.00	42.02 -1.03 0.00	46.12 -0.99 0.00	55.55 -0.96 0.00	54.94 -1.18 0.00	48.56 -1.14 0.00	45.09 -1.11 0.00	41.98 -1.12 0.00	39.07 -1.21 0.00	35.60 -1.06 0.00

SENECA___115KV_TB3 355854	31.06 -1.13 0.00	30.73 -0.98 0.00	30.23 -1.23 0.00	29.30 -1.19 0.00	30.97 -1.16 0.00	31.40 -1.24 0.00	42.05 -2.40 0.00	45.32 -2.94 0.00	45.17 -2.88 0.00	44.07 -2.12 0.00	41.05 -1.49 0.00	41.55 -1.37 0.00	39.71 -1.19 0.00	39.80 -1.02 0.00	39.93 -1.07 0.00	41.63 -1.42 0.00	45.84 -1.27 0.00	55.27 -1.24 0.00	53.82 -2.30 0.00	47.41 -2.29 0.00	43.98 -2.22 0.00	41.24 -1.85 0.00	37.98 -2.30 0.00	35.42 -1.25 0.00
SENECA___ENERGY 23797	31.54 -0.64 0.00	31.15 -0.57 0.00	30.83 -0.63 0.00	29.88 -0.61 0.00	31.61 -0.52 0.00	32.19 -0.46 0.00	44.40 -0.04 0.00	48.55 0.29 0.00	48.30 0.24 0.00	46.47 0.28 0.00	42.71 0.17 0.00	43.05 0.13 0.00	40.94 0.04 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	43.27 0.22 0.00	47.68 0.57 0.00	57.64 1.13 0.00	56.85 0.73 0.00	50.15 0.45 0.00	46.48 0.28 0.00	43.23 0.13 0.00	40.00 -0.28 0.00	36.70 0.04 0.00
SHOEMAKER___GT 23640	33.41 1.22 0.00	32.83 1.11 0.00	32.59 1.13 0.00	31.56 1.07 0.00	33.28 1.15 0.00	33.75 1.11 0.00	46.13 1.69 0.00	50.63 2.36 0.00	50.27 2.21 0.00	48.32 2.13 0.00	44.07 1.53 0.00	44.38 1.46 0.00	42.12 1.23 0.00	42.08 1.27 0.00	42.26 1.27 0.00	44.81 1.77 0.00	49.18 2.07 0.00	59.67 3.16 0.00	58.99 2.86 0.00	51.99 2.29 0.00	48.32 2.13 0.00	45.04 1.94 0.00	41.73 1.45 0.00	37.84 1.17 0.00
SHOEMAKR_138KV_BK 111 55601	33.38 1.19 0.00	32.83 1.11 0.00	32.56 1.10 0.00	31.56 1.07 0.00	33.25 1.12 0.00	33.75 1.11 0.00	46.13 1.69 0.00	50.58 2.32 0.00	50.31 2.26 0.00	48.27 2.08 0.00	44.07 1.53 0.00	44.38 1.46 0.00	42.16 1.27 0.00	42.04 1.22 0.00	42.26 1.27 0.00	44.81 1.77 0.00	49.18 2.07 0.00	59.67 3.16 0.00	58.99 2.86 0.00	51.94 2.24 0.00	48.32 2.13 0.00	44.95 1.85 0.00	41.73 1.45 0.00	37.84 1.17 0.00
SHOREHAM_IC_1 23715	47.32 3.25 -11.89	41.21 3.05 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	44.08 3.10 -8.34	53.56 4.00 -5.12	55.70 5.26 -2.18	55.53 5.48 -2.00	53.53 5.22 -2.11	54.96 4.47 -7.95	52.38 4.33 -5.13	48.94 3.89 -4.15	47.63 3.96 -2.86	50.80 3.98 -5.83	55.59 4.95 -7.59	58.36 5.65 -5.60	76.79 7.80 -12.48	67.93 7.29 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.71 4.70 -7.91	52.82 3.83 -8.71	48.81 3.60 -8.55
SHOREHAM_IC_2 23716	47.32 3.25 -11.89	41.21 3.05 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	44.08 3.10 -8.34	53.56 4.00 -5.12	55.70 5.26 -2.18	55.53 5.48 -2.00	53.53 5.22 -2.11	54.96 4.47 -7.95	52.38 4.33 -5.13	48.94 3.89 -4.15	47.63 3.96 -2.86	50.80 3.98 -5.83	55.59 4.95 -7.59	58.36 5.65 -5.60	76.79 7.80 -12.48	67.93 7.29 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.71 4.70 -7.91	52.82 3.83 -8.71	48.81 3.60 -8.55
SISSONVILLE____ 23735	31.67 -0.51 0.00	31.30 -0.41 0.00	30.99 -0.47 0.00	30.03 -0.46 0.00	31.67 -0.45 0.00	32.32 -0.33 0.00	43.82 -0.62 0.00	47.20 -1.06 0.00	47.00 -1.06 0.00	45.04 -1.15 0.00	41.73 -0.81 0.00	42.06 -0.86 0.00	40.20 -0.70 0.00	40.12 -0.69 0.00	40.38 -0.61 0.00	42.10 -0.95 0.00	45.88 -1.22 0.00	54.53 -1.98 0.00	54.61 -1.52 0.00	48.71 -0.99 0.00	45.27 -0.92 0.00	42.19 -0.91 0.00	39.92 -0.36 0.00	36.26 -0.40 0.00
SITHE_IND_GS1 24169	30.87 -1.32 0.00	30.45 -1.27 0.00	30.20 -1.26 0.00	29.27 -1.22 0.00	30.84 -1.29 0.00	31.37 -1.27 0.00	42.67 -1.78 0.00	46.48 -1.78 0.00	46.28 -1.78 0.00	44.53 -1.66 0.00	40.97 -1.57 0.00	41.33 -1.59 0.00	39.34 -1.55 0.00	39.27 -1.55 0.00	39.48 -1.52 0.00	41.50 -1.55 0.00	45.46 -1.65 0.00	54.70 -1.81 0.00	54.16 -1.97 0.00	47.86 -1.84 0.00	44.49 -1.71 0.00	41.46 -1.64 0.00	38.59 -1.69 0.00	35.20 -1.47 0.00
SITHE_IND_GS2 24170	30.87 -1.32 0.00	30.45 -1.27 0.00	30.20 -1.26 0.00	29.27 -1.22 0.00	30.84 -1.29 0.00	31.37 -1.27 0.00	42.67 -1.78 0.00	46.48 -1.78 0.00	46.28 -1.78 0.00	44.53 -1.66 0.00	40.97 -1.57 0.00	41.33 -1.59 0.00	39.34 -1.55 0.00	39.27 -1.55 0.00	39.48 -1.52 0.00	41.50 -1.55 0.00	45.46 -1.65 0.00	54.70 -1.81 0.00	54.16 -1.97 0.00	47.86 -1.84 0.00	44.49 -1.71 0.00	41.46 -1.64 0.00	38.59 -1.69 0.00	35.20 -1.47 0.00
SITHE_IND_GS3 24171	30.87 -1.32 0.00	30.45 -1.27 0.00	30.20 -1.26 0.00	29.27 -1.22 0.00	30.84 -1.29 0.00	31.37 -1.27 0.00	42.67 -1.78 0.00	46.48 -1.78 0.00	46.28 -1.78 0.00	44.53 -1.66 0.00	40.97 -1.57 0.00	41.33 -1.59 0.00	39.34 -1.55 0.00	39.27 -1.55 0.00	39.48 -1.52 0.00	41.50 -1.55 0.00	45.46 -1.65 0.00	54.70 -1.81 0.00	54.16 -1.97 0.00	47.86 -1.84 0.00	44.49 -1.71 0.00	41.46 -1.64 0.00	38.59 -1.69 0.00	35.20 -1.47 0.00
SITHE_IND_GS4 24172	30.87 -1.32 0.00	30.45 -1.27 0.00	30.20 -1.26 0.00	29.27 -1.22 0.00	30.84 -1.29 0.00	31.37 -1.27 0.00	42.67 -1.78 0.00	46.48 -1.78 0.00	46.28 -1.78 0.00	44.53 -1.66 0.00	40.97 -1.57 0.00	41.33 -1.59 0.00	39.34 -1.55 0.00	39.27 -1.55 0.00	39.48 -1.52 0.00	41.50 -1.55 0.00	45.46 -1.65 0.00	54.70 -1.81 0.00	54.16 -1.97 0.00	47.86 -1.84 0.00	44.49 -1.71 0.00	41.46 -1.64 0.00	38.59 -1.69 0.00	35.20 -1.47 0.00
SITHE___BATAVIA 24024	31.03 -1.16 0.00	30.77 -0.95 0.00	30.30 -1.16 0.00	29.36 -1.13 0.00	31.00 -1.13 0.00	31.53 -1.11 0.00	42.54 -1.91 0.00	46.33 -1.93 0.00	46.52 -1.54 0.00	44.85 -1.34 0.00	41.43 -1.11 0.00	41.89 -1.03 0.00	39.87 -1.02 0.00	39.76 -1.06 0.00	40.21 -0.78 0.00	42.14 -0.91 0.00	46.31 -0.80 0.00	55.83 -0.68 0.00	54.67 -1.46 0.00	48.01 -1.69 0.00	44.44 -1.76 0.00	41.16 -1.94 0.00	38.27 -2.01 0.00	35.56 -1.10 0.00
SITHE___INDEPEND 23800	30.87 -1.32 0.00	30.45 -1.27 0.00	30.20 -1.26 0.00	29.27 -1.22 0.00	30.84 -1.28 0.00	31.37 -1.27 0.00	42.67 -1.78 0.00	46.43 -1.83 0.00	46.23 -1.83 0.00	44.48 -1.71 0.00	40.97 -1.57 0.00	41.33 -1.59 0.00	39.34 -1.55 0.00	39.31 -1.51 0.00	39.48 -1.52 0.00	41.46 -1.59 0.00	45.46 -1.65 0.00	54.76 -1.75 0.00	54.16 -1.96 0.00	47.86 -1.84 0.00	44.49 -1.71 0.00	41.50 -1.59 0.00	38.59 -1.69 0.00	35.20 -1.47 0.00
SITHE___MASSENA 23902	32.38 0.19 0.00	31.97 0.25 0.00	31.68 0.22 0.00	30.71 0.21 0.00	32.35 0.23 0.00	32.94 0.29 0.00	44.62 0.18 0.00	47.93 -0.34 0.00	47.77 -0.29 0.00	45.82 -0.37 0.00	42.54 0.00 0.00	42.88 -0.04 0.00	40.98 0.08 0.00	40.94 0.12 0.00	41.16 0.16 0.00	42.88 -0.17 0.00	46.73 -0.38 0.00	55.43 -1.08 0.00	55.51 -0.62 0.00	49.45 -0.25 0.00	45.97 -0.23 0.00	42.92 -0.17 0.00	40.60 0.32 0.00	36.96 0.29 0.00
SITHE___OGDNSBRG 24021	32.48 0.29 0.00	32.10 0.38 0.00	31.78 0.31 0.00	30.80 0.30 0.00	32.48 0.35 0.00	33.17 0.52 0.00	44.98 0.53 0.00	48.46 0.19 0.00	48.30 0.24 0.00	46.28 0.09 0.00	42.88 0.34 0.00	43.26 0.34 0.00	41.34 0.45 0.00	41.31 0.49 0.00	41.52 0.53 0.00	43.26 0.22 0.00	47.16 0.05 0.00	56.00 -0.51 0.00	56.13 0.00 0.00	50.00 0.30 0.00	46.47 0.28 0.00	43.31 0.22 0.00	40.96 0.68 0.00	37.21 0.55 0.00

SITHE___STERLING 23777	32.89 0.71 0.00	32.41 0.70 0.00	32.15 0.69 0.00	31.19 0.70 0.00	32.93 0.80 0.00	33.62 0.98 0.00	45.91 1.46 0.00	50.10 1.83 0.00	49.88 1.83 0.00	47.85 1.66 0.00	43.94 1.40 0.00	44.29 1.37 0.00	42.12 1.23 0.00	42.00 1.18 0.00	42.18 1.19 0.00	44.51 1.46 0.00	48.90 1.79 0.00	59.06 2.55 0.00	58.43 2.30 0.00	51.59 1.89 0.00	47.91 1.71 0.00	44.60 1.51 0.00	41.33 1.05 0.00	37.61 0.95 0.00
SLEIGHT__34_KV_TB1 80719	31.09 -1.09 0.00	30.73 -0.98 0.00	30.42 -1.04 0.00	29.48 -1.01 0.00	31.13 -1.00 0.00	31.66 -0.98 0.00	42.89 -1.56 0.00	46.77 -1.50 0.00	46.61 -1.44 0.00	45.13 -1.06 0.00	41.73 -0.81 0.00	42.15 -0.77 0.00	40.08 -0.82 0.00	40.08 -0.73 0.00	40.25 -0.74 0.00	42.23 -0.82 0.00	46.40 -0.71 0.00	55.94 -0.57 0.00	55.06 -1.07 0.00	48.51 -1.19 0.00	44.95 -1.25 0.00	41.93 -1.16 0.00	38.75 -1.53 0.00	35.49 -1.17 0.00
SOUTH CAIRO___GT 23612	34.22 2.03 0.00	33.65 1.93 0.00	33.48 2.02 0.00	32.47 1.98 0.00	34.11 1.99 0.00	34.73 2.09 0.00	47.42 2.98 0.00	51.16 2.90 0.00	51.13 3.08 0.00	48.73 2.54 0.00	44.20 1.66 0.00	44.29 1.37 0.00	42.04 1.14 0.00	41.92 1.10 0.00	42.18 1.19 0.00	44.68 1.64 0.00	49.70 2.59 0.00	60.01 3.50 0.00	59.72 3.60 0.00	52.58 2.88 0.00	48.83 2.63 0.00	45.25 2.15 0.00	42.17 1.89 0.00	38.27 1.61 0.00
SOUTH HAMPTN___IC 23720	47.71 3.64 -11.89	41.59 3.43 -6.45	39.10 3.37 -4.27	38.50 3.23 -4.78	39.53 3.44 -3.97	44.44 3.46 -8.34	54.27 4.71 -5.12	56.48 6.03 -2.18	56.26 6.20 -2.00	54.17 5.87 -2.11	55.47 4.97 -7.95	52.90 4.85 -5.13	49.43 4.38 -4.15	48.08 4.41 -2.86	51.29 4.47 -5.83	56.10 5.47 -7.59	58.98 6.27 -5.60	77.64 8.65 -12.48	68.72 8.08 -4.51	63.05 6.86 -6.49	58.75 6.05 -6.51	56.31 5.30 -7.91	53.31 4.31 -8.71	49.21 4.00 -8.55
SOUTHDOW_115KV_TB1 355954	32.25 0.06 0.00	31.91 0.19 0.00	31.37 -0.09 0.00	30.49 0.00 0.00	32.25 0.13 0.00	32.84 0.20 0.00	44.13 -0.31 0.00	48.55 0.29 0.00	48.49 0.43 0.00	47.16 0.97 0.00	43.82 1.28 0.00	44.29 1.37 0.00	42.37 1.47 0.00	42.33 1.51 0.00	42.51 1.52 0.00	44.25 1.21 0.00	48.85 1.74 0.00	59.22 2.71 0.00	57.47 1.35 0.00	50.64 0.94 0.00	46.98 0.79 0.00	43.87 0.78 0.00	40.40 0.12 0.00	37.47 0.81 0.00
SOUTHOLD_69_KV_BK 2 55809	48.25 4.18 -11.88	42.09 3.93 -6.44	39.63 3.90 -4.26	39.01 3.75 -4.77	40.04 3.95 -3.96	44.99 4.02 -8.33	55.15 5.60 -5.11	57.48 7.05 -2.17	57.11 7.06 -1.99	54.95 6.65 -2.11	56.23 5.74 -7.95	53.53 5.49 -5.12	50.07 5.03 -4.15	48.64 4.98 -2.85	51.90 5.08 -5.82	56.78 6.16 -7.58	59.91 7.21 -5.59	78.93 9.95 -12.47	69.95 9.32 -4.50	64.08 7.90 -6.48	59.72 7.02 -6.50	57.12 6.12 -7.91	54.02 5.03 -8.71	49.83 4.62 -8.54
SOUTHOLD___IC 23719	48.26 4.18 -11.89	42.09 3.93 -6.45	39.63 3.90 -4.27	39.02 3.75 -4.78	40.04 3.95 -3.97	45.00 4.01 -8.34	55.16 5.60 -5.12	57.54 7.10 -2.18	57.22 7.16 -2.00	55.00 6.70 -2.11	56.20 5.70 -7.95	53.54 5.50 -5.13	50.04 4.99 -4.15	48.69 5.02 -2.86	51.91 5.08 -5.83	56.88 6.24 -7.59	59.87 7.16 -5.60	78.99 10.00 -12.48	69.96 9.32 -4.51	64.14 7.95 -6.49	59.72 7.02 -6.51	57.22 6.21 -7.91	54.03 5.03 -8.71	49.84 4.62 -8.55
SOUTH_FORK_WT_PWR 323839	48.32 4.25 -11.89	42.16 4.00 -6.45	39.70 3.96 -4.27	39.08 3.81 -4.78	40.11 4.01 -3.97	45.03 4.05 -8.34	55.25 5.69 -5.12	57.58 7.14 -2.18	57.31 7.26 -2.00	55.10 6.79 -2.11	56.28 5.78 -7.95	53.63 5.58 -5.13	50.12 5.07 -4.15	48.77 5.10 -2.86	51.99 5.16 -5.83	56.97 6.33 -7.59	59.96 7.25 -5.60	79.05 10.06 -12.48	70.06 9.43 -4.51	64.19 8.00 -6.49	59.81 7.11 -6.51	57.30 6.29 -7.91	54.11 5.12 -8.71	49.91 4.69 -8.55
SPIERFLS_115KV_TB 1 80737	33.28 1.09 0.00	32.79 1.08 0.00	32.66 1.20 0.00	31.68 1.19 0.00	32.99 0.87 0.00	33.62 0.98 0.00	46.22 1.78 0.00	50.14 1.88 0.00	50.27 2.21 0.00	48.22 2.03 0.00	44.11 1.57 0.00	44.25 1.33 0.00	41.88 0.98 0.00	41.71 0.90 0.00	41.77 0.78 0.00	44.25 1.21 0.00	48.90 1.79 0.00	59.22 2.71 0.00	58.54 2.41 0.00	51.84 2.14 0.00	48.18 1.99 0.00	44.78 1.68 0.00	41.29 1.01 0.00	37.58 0.92 0.00
ST LAWRENCE____ 23600	32.06 -0.13 0.00	31.65 -0.06 0.00	31.37 -0.09 0.00	30.37 -0.12 0.00	31.99 -0.13 0.00	32.58 -0.07 0.00	44.22 -0.22 0.00	47.54 -0.72 0.00	47.34 -0.72 0.00	45.45 -0.74 0.00	42.16 -0.38 0.00	42.53 -0.39 0.00	40.65 -0.24 0.00	40.61 -0.20 0.00	40.83 -0.16 0.00	42.49 -0.56 0.00	46.31 -0.80 0.00	54.93 -1.58 0.00	54.94 -1.18 0.00	49.00 -0.70 0.00	45.55 -0.65 0.00	42.53 -0.56 0.00	40.24 -0.04 0.00	36.63 -0.04 0.00
STATE_CA_115KV_115_LB 55624	33.19 1.00 0.00	32.67 0.95 0.00	32.44 0.98 0.00	31.50 1.01 0.00	33.05 0.93 0.00	33.59 0.95 0.00	46.00 1.56 0.00	50.19 1.93 0.00	50.07 2.02 0.00	48.09 1.89 0.00	43.77 1.23 0.00	43.99 1.07 0.00	41.79 0.90 0.00	41.71 0.90 0.00	41.85 0.86 0.00	44.17 1.12 0.00	48.57 1.46 0.00	58.66 2.15 0.00	57.98 1.85 0.00	51.24 1.54 0.00	47.68 1.48 0.00	44.43 1.34 0.00	41.25 0.97 0.00	37.51 0.84 0.00
STATE_ST_34_KV_LOAD 55959	31.87 -0.32 0.00	31.43 -0.29 0.00	31.15 -0.31 0.00	30.22 -0.27 0.00	31.86 -0.26 0.00	32.48 -0.16 0.00	44.31 -0.13 0.00	48.41 0.14 0.00	48.15 0.10 0.00	46.38 0.18 0.00	42.75 0.21 0.00	43.09 0.17 0.00	40.98 0.08 0.00	40.90 0.08 0.00	41.07 0.08 0.00	43.26 0.22 0.00	47.58 0.47 0.00	57.47 0.96 0.00	56.74 0.62 0.00	50.10 0.40 0.00	46.47 0.28 0.00	43.27 0.17 0.00	40.00 -0.28 0.00	36.55 -0.11 0.00
STATION 5_MISC_HYD 23604	31.00 -1.19 0.00	30.67 -1.05 0.00	30.27 -1.20 0.00	29.36 -1.13 0.00	30.97 -1.16 0.00	31.47 -1.17 0.00	42.58 -1.87 0.00	46.43 -1.83 0.00	46.47 -1.58 0.00	44.81 -1.38 0.00	41.39 -1.15 0.00	41.85 -1.07 0.00	39.83 -1.06 0.00	39.72 -1.10 0.00	40.05 -0.94 0.00	42.02 -1.03 0.00	46.07 -1.04 0.00	55.49 -1.02 0.00	54.55 -1.57 0.00	48.01 -1.69 0.00	44.49 -1.71 0.00	41.29 -1.81 0.00	38.43 -1.85 0.00	35.45 -1.21 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.48 -0.71 0.00	31.15 -0.57 0.00	30.77 -0.69 0.00	29.85 -0.64 0.00	31.51 -0.61 0.00	32.06 -0.59 0.00	44.71 0.27 0.00	48.99 0.72 0.00	48.97 0.91 0.00	47.30 1.11 0.00	43.73 1.19 0.00	44.21 1.29 0.00	41.92 1.02 0.00	41.92 1.10 0.00	42.18 1.19 0.00	44.30 1.25 0.00	48.76 1.65 0.00	58.94 2.43 0.00	57.98 1.85 0.00	50.94 1.24 0.00	47.12 0.92 0.00	43.87 0.78 0.00	40.48 0.20 0.00	37.07 0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.87 -1.32 0.00	30.54 -1.17 0.00	30.17 -1.29 0.00	29.24 -1.25 0.00	30.84 -1.28 0.00	31.34 -1.31 0.00	42.27 -2.18 0.00	45.99 -2.27 0.00	45.94 -2.11 0.00	44.53 -1.66 0.00	41.22 -1.32 0.00	41.68 -1.24 0.00	39.67 -1.23 0.00	39.71 -1.10 0.00	39.93 -1.07 0.00	41.80 -1.25 0.00	45.93 -1.18 0.00	55.38 -1.13 0.00	54.39 -1.74 0.00	47.86 -1.84 0.00	44.35 -1.85 0.00	41.42 -1.68 0.00	38.31 -1.97 0.00	35.23 -1.43 0.00

STA_56___34_KV_BUS2 355983	30.87 -1.32 0.00	30.54 -1.17 0.00	30.17 -1.29 0.00	29.24 -1.25 0.00	30.84 -1.28 0.00	31.34 -1.31 0.00	42.27 -2.18 0.00	45.99 -2.27 0.00	45.94 -2.11 0.00	44.53 -1.66 0.00	41.22 -1.32 0.00	41.68 -1.24 0.00	39.67 -1.23 0.00	39.71 -1.10 0.00	39.93 -1.07 0.00	41.80 -1.25 0.00	45.93 -1.18 0.00	55.38 -1.13 0.00	54.39 -1.74 0.00	47.86 -1.84 0.00	44.35 -1.85 0.00	41.42 -1.68 0.00	38.31 -1.97 0.00	35.23 -1.43 0.00
STA_67___115KV_BK2 355882	30.93 -1.26 0.00	30.61 -1.11 0.00	30.23 -1.23 0.00	29.30 -1.19 0.00	30.90 -1.22 0.00	31.40 -1.24 0.00	42.31 -2.13 0.00	45.99 -2.27 0.00	45.89 -2.16 0.00	44.53 -1.66 0.00	41.26 -1.28 0.00	41.72 -1.20 0.00	39.71 -1.19 0.00	39.76 -1.06 0.00	39.97 -1.02 0.00	41.84 -1.21 0.00	45.98 -1.13 0.00	55.44 -1.07 0.00	54.39 -1.74 0.00	47.91 -1.79 0.00	44.35 -1.85 0.00	41.46 -1.64 0.00	38.35 -1.93 0.00	35.31 -1.36 0.00
STA_7___115KV_9TRANS 80674	31.13 -1.06 0.00	30.80 -0.92 0.00	30.39 -1.07 0.00	29.45 -1.04 0.00	31.09 -1.03 0.00	31.60 -1.04 0.00	42.62 -1.82 0.00	46.38 -1.88 0.00	46.33 -1.73 0.00	44.90 -1.29 0.00	41.65 -0.89 0.00	42.11 -0.82 0.00	40.04 -0.86 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	42.19 -0.86 0.00	46.40 -0.71 0.00	55.94 -0.57 0.00	54.95 -1.18 0.00	48.36 -1.34 0.00	44.76 -1.43 0.00	41.80 -1.29 0.00	38.63 -1.65 0.00	35.56 -1.10 0.00
STA_82___115KV_TB1 80780	30.96 -1.22 0.00	30.64 -1.08 0.00	30.23 -1.23 0.00	29.30 -1.19 0.00	30.93 -1.19 0.00	31.40 -1.24 0.00	42.36 -2.09 0.00	46.04 -2.22 0.00	45.94 -2.11 0.00	44.58 -1.62 0.00	41.31 -1.23 0.00	41.76 -1.16 0.00	39.75 -1.15 0.00	39.80 -1.02 0.00	40.01 -0.98 0.00	41.89 -1.16 0.00	46.03 -1.08 0.00	55.49 -1.02 0.00	54.44 -1.68 0.00	47.91 -1.79 0.00	44.40 -1.80 0.00	41.50 -1.59 0.00	38.35 -1.93 0.00	35.34 -1.32 0.00
STEEL___WIND 323596	31.03 -1.16 0.00	30.70 -1.02 0.00	30.20 -1.26 0.00	29.30 -1.19 0.00	30.93 -1.19 0.00	31.37 -1.27 0.00	42.22 -2.22 0.00	45.70 -2.56 0.00	45.85 -2.21 0.00	44.30 -1.90 0.00	40.97 -1.57 0.00	41.55 -1.38 0.00	39.67 -1.23 0.00	39.51 -1.31 0.00	39.84 -1.15 0.00	41.67 -1.38 0.00	45.70 -1.41 0.00	55.10 -1.41 0.00	53.77 -2.36 0.00	47.37 -2.34 0.00	43.93 -2.26 0.00	40.77 -2.33 0.00	37.94 -2.34 0.00	35.42 -1.25 0.00
STEPHTWN_115KV_BK_2 55603	33.47 1.29 0.00	32.95 1.24 0.00	32.72 1.26 0.00	31.77 1.28 0.00	33.31 1.19 0.00	33.92 1.27 0.00	46.45 2.00 0.00	50.68 2.41 0.00	50.65 2.59 0.00	48.59 2.40 0.00	44.20 1.66 0.00	44.42 1.50 0.00	42.16 1.27 0.00	42.08 1.27 0.00	42.22 1.23 0.00	44.56 1.51 0.00	49.09 1.98 0.00	59.28 2.77 0.00	58.65 2.53 0.00	51.84 2.14 0.00	48.23 2.03 0.00	44.95 1.85 0.00	41.65 1.37 0.00	37.87 1.21 0.00
STEBUBEN_REC_LFGE 323667	31.99 -0.19 0.00	31.68 -0.03 0.00	31.27 -0.19 0.00	30.34 -0.15 0.00	32.06 -0.06 0.00	32.71 0.07 0.00	44.22 -0.22 0.00	48.07 -0.19 0.00	47.77 -0.29 0.00	46.24 0.05 0.00	42.88 0.34 0.00	43.35 0.43 0.00	41.30 0.41 0.00	41.31 0.49 0.00	41.57 0.57 0.00	43.91 0.86 0.00	48.57 1.46 0.00	58.83 2.32 0.00	57.53 1.40 0.00	50.69 0.99 0.00	46.98 0.79 0.00	43.83 0.73 0.00	40.32 0.04 0.00	37.29 0.62 0.00
STILLWATER___SOLAR 323814	33.64 1.45 0.00	33.14 1.43 0.00	32.94 1.48 0.00	31.92 1.43 0.00	33.47 1.35 0.00	34.05 1.40 0.00	46.62 2.18 0.00	50.82 2.56 0.00	50.74 2.69 0.00	48.73 2.54 0.00	44.58 2.04 0.00	44.85 1.93 0.00	42.53 1.64 0.00	42.41 1.59 0.00	42.51 1.52 0.00	44.99 1.94 0.00	49.56 2.45 0.00	59.96 3.45 0.00	59.27 3.14 0.00	52.38 2.68 0.00	48.74 2.54 0.00	45.38 2.28 0.00	41.97 1.69 0.00	38.13 1.47 0.00
STONY___BROOK 24151	47.00 2.93 -11.89	40.89 2.73 -6.45	38.44 2.71 -4.27	37.86 2.59 -4.78	38.86 2.76 -3.97	43.72 2.74 -8.34	53.61 4.04 -5.12	55.70 5.26 -2.18	55.30 5.24 -2.00	53.30 4.99 -2.11	54.58 4.08 -7.95	52.04 3.99 -5.13	48.65 3.60 -4.15	47.35 3.68 -2.86	50.47 3.65 -5.83	55.20 4.56 -7.59	57.80 5.09 -5.60	76.00 7.01 -12.49	67.21 6.56 -4.52	61.61 5.42 -6.49	57.69 4.99 -6.51	55.58 4.57 -7.91	52.66 3.67 -8.71	48.40 3.19 -8.55
STURGEON_POOL_HYD 23609	33.83 1.64 0.00	33.21 1.49 0.00	32.97 1.51 0.00	31.92 1.43 0.00	33.70 1.57 0.00	34.15 1.50 0.00	46.76 2.31 0.00	51.30 3.04 0.00	50.94 2.88 0.00	48.87 2.68 0.00	44.54 2.00 0.00	44.81 1.89 0.00	42.53 1.64 0.00	42.45 1.63 0.00	42.67 1.68 0.00	45.37 2.32 0.00	49.84 2.73 0.00	60.64 4.13 0.00	60.00 3.87 0.00	52.73 3.03 0.00	49.02 2.82 0.00	45.47 2.37 0.00	42.29 2.01 0.00	38.24 1.58 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.51 1.32 0.00	32.92 1.21 0.00	32.66 1.20 0.00	31.62 1.13 0.00	33.34 1.22 0.00	33.82 1.18 0.00	46.27 1.82 0.00	50.82 2.56 0.00	50.55 2.50 0.00	48.50 2.31 0.00	44.28 1.74 0.00	44.59 1.67 0.00	42.37 1.47 0.00	42.25 1.43 0.00	42.43 1.43 0.00	45.03 1.98 0.00	49.37 2.26 0.00	60.01 3.50 0.00	59.27 3.14 0.00	52.19 2.49 0.00	48.55 2.36 0.00	45.16 2.07 0.00	41.89 1.61 0.00	37.95 1.28 0.00
SWANROAD_115KV_TB1 355699	29.81 -2.38 0.00	29.53 -2.19 0.00	29.04 -2.42 0.00	28.14 -2.35 0.00	29.68 -2.44 0.00	30.06 -2.58 0.00	40.13 -4.31 0.00	43.10 -5.16 0.00	43.01 -5.05 0.00	42.03 -4.16 0.00	39.22 -3.32 0.00	39.70 -3.22 0.00	37.95 -2.94 0.00	38.08 -2.73 0.00	38.20 -2.79 0.00	39.78 -3.27 0.00	43.72 -3.39 0.00	52.61 -3.90 0.00	51.30 -4.83 0.00	45.13 -4.57 0.00	41.85 -4.34 0.00	39.30 -3.79 0.00	36.21 -4.07 0.00	33.88 -2.79 0.00
SYNERGY___BIOGAS 323694	31.03 -1.16 0.00	30.77 -0.95 0.00	30.30 -1.16 0.00	29.36 -1.13 0.00	31.00 -1.13 0.00	31.53 -1.11 0.00	42.54 -1.91 0.00	46.33 -1.93 0.00	46.52 -1.54 0.00	44.85 -1.34 0.00	41.43 -1.11 0.00	41.89 -1.03 0.00	39.87 -1.02 0.00	39.76 -1.06 0.00	40.21 -0.78 0.00	42.14 -0.91 0.00	46.31 -0.80 0.00	55.83 -0.68 0.00	54.67 -1.46 0.00	48.01 -1.69 0.00	44.44 -1.76 0.00	41.16 -1.94 0.00	38.27 -2.01 0.00	35.56 -1.10 0.00
SYRACUSE___ENERGY_ST1 323597	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.64 -0.48 0.00	32.22 -0.42 0.00	43.82 -0.62 0.00	47.78 -0.48 0.00	47.57 -0.48 0.00	45.82 -0.37 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.58 -0.41 0.00	42.70 -0.34 0.00	46.92 -0.19 0.00	56.51 0.00 0.00	55.90 -0.22 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	39.64 -0.64 0.00	36.15 -0.51 0.00
SYRACUSE___ENERGY_ST2 323598	31.67 -0.51 0.00	31.24 -0.48 0.00	30.96 -0.50 0.00	30.03 -0.46 0.00	31.64 -0.48 0.00	32.22 -0.42 0.00	43.82 -0.62 0.00	47.78 -0.48 0.00	47.57 -0.48 0.00	45.82 -0.37 0.00	42.20 -0.34 0.00	42.58 -0.34 0.00	40.53 -0.37 0.00	40.45 -0.37 0.00	40.58 -0.41 0.00	42.70 -0.34 0.00	46.92 -0.19 0.00	56.51 0.00 0.00	55.90 -0.22 0.00	49.35 -0.35 0.00	45.83 -0.37 0.00	42.71 -0.39 0.00	39.64 -0.64 0.00	36.15 -0.51 0.00

SYRACUSE___POWER 24017	31.64 -0.55 0.00	31.21 -0.51 0.00	30.93 -0.53 0.00	29.97 -0.52 0.00	31.61 -0.51 0.00	32.15 -0.49 0.00	43.78 -0.67 0.00	47.73 -0.53 0.00	47.53 -0.53 0.00	45.78 -0.42 0.00	42.16 -0.38 0.00	42.49 -0.43 0.00	40.44 -0.45 0.00	40.41 -0.41 0.00	40.54 -0.45 0.00	42.66 -0.39 0.00	46.87 -0.24 0.00	56.51 0.00 0.00	55.85 -0.28 0.00	49.30 -0.40 0.00	45.78 -0.42 0.00	42.71 -0.39 0.00	39.60 -0.68 0.00	36.11 -0.55 0.00
TALLMAN___138KV_BK151 55660	33.57 1.38 0.00	32.99 1.27 0.00	32.69 1.23 0.00	31.68 1.19 0.00	33.37 1.25 0.00	33.88 1.24 0.00	46.36 1.91 0.00	51.06 2.80 0.00	50.75 2.69 0.00	48.73 2.54 0.00	44.50 1.96 0.00	44.77 1.85 0.00	42.53 1.64 0.00	42.41 1.59 0.00	42.59 1.60 0.00	45.24 2.20 0.00	49.56 2.45 0.00	60.30 3.79 0.00	59.49 3.37 0.00	52.43 2.73 0.00	48.78 2.59 0.00	45.38 2.28 0.00	42.05 1.77 0.00	38.06 1.39 0.00
TEALLAVE_115KV_TB7 355573	31.45 -0.74 0.00	31.02 -0.70 0.00	30.74 -0.72 0.00	29.82 -0.67 0.00	31.42 -0.71 0.00	31.99 -0.65 0.00	43.51 -0.93 0.00	47.44 -0.82 0.00	47.24 -0.82 0.00	45.50 -0.69 0.00	41.90 -0.64 0.00	42.23 -0.69 0.00	40.24 -0.65 0.00	40.16 -0.65 0.00	40.29 -0.70 0.00	42.40 -0.65 0.00	46.54 -0.57 0.00	56.06 -0.45 0.00	55.45 -0.67 0.00	48.95 -0.75 0.00	45.46 -0.74 0.00	42.41 -0.69 0.00	39.31 -0.97 0.00	35.86 -0.81 0.00
TELGRAPH_34_KV_EAST 80808	30.58 -1.61 0.00	30.32 -1.40 0.00	29.83 -1.64 0.00	28.94 -1.56 0.00	30.52 -1.61 0.00	30.98 -1.66 0.00	41.51 -2.93 0.00	44.79 -3.47 0.00	44.74 -3.32 0.00	43.61 -2.59 0.00	40.58 -1.96 0.00	41.08 -1.85 0.00	39.18 -1.72 0.00	39.31 -1.51 0.00	39.48 -1.52 0.00	41.20 -1.85 0.00	45.37 -1.74 0.00	54.70 -1.81 0.00	53.32 -2.81 0.00	46.92 -2.78 0.00	43.43 -2.77 0.00	40.73 -2.37 0.00	37.50 -2.78 0.00	34.90 -1.76 0.00
TEMPLE___115KV_TB 2 55572	31.48 -0.71 0.00	31.05 -0.67 0.00	30.77 -0.69 0.00	29.82 -0.67 0.00	31.45 -0.67 0.00	31.99 -0.65 0.00	43.51 -0.93 0.00	47.44 -0.82 0.00	47.24 -0.82 0.00	45.50 -0.69 0.00	41.90 -0.64 0.00	42.28 -0.64 0.00	40.24 -0.65 0.00	40.20 -0.61 0.00	40.34 -0.66 0.00	42.45 -0.60 0.00	46.59 -0.52 0.00	56.11 -0.40 0.00	55.51 -0.62 0.00	49.00 -0.70 0.00	45.50 -0.69 0.00	42.41 -0.69 0.00	39.35 -0.93 0.00	35.89 -0.77 0.00
TIANA___69_KV_BK 1 55817	47.57 3.51 -11.88	41.42 3.27 -6.44	38.96 3.24 -4.26	38.37 3.11 -4.77	39.39 3.31 -3.96	44.30 3.33 -8.33	54.04 4.49 -5.11	56.23 5.79 -2.17	55.91 5.86 -1.99	53.93 5.64 -2.11	55.34 4.85 -7.95	52.72 4.68 -5.12	49.29 4.25 -4.15	47.83 4.16 -2.85	51.08 4.26 -5.82	55.84 5.21 -7.58	58.78 6.08 -5.59	77.35 8.36 -12.47	68.43 7.80 -4.50	62.79 6.61 -6.48	58.56 5.87 -6.50	56.04 5.04 -7.91	53.14 4.15 -8.71	49.02 3.81 -8.54
TILDEN___115KV_TB1 80814	31.64 -0.55 0.00	31.21 -0.51 0.00	30.93 -0.53 0.00	29.97 -0.52 0.00	31.61 -0.51 0.00	32.15 -0.49 0.00	43.78 -0.67 0.00	47.73 -0.53 0.00	47.53 -0.53 0.00	45.78 -0.42 0.00	42.16 -0.38 0.00	42.49 -0.43 0.00	40.44 -0.45 0.00	40.41 -0.41 0.00	40.54 -0.45 0.00	42.66 -0.39 0.00	46.87 -0.24 0.00	56.51 0.00 0.00	55.85 -0.28 0.00	49.30 -0.40 0.00	45.78 -0.42 0.00	42.71 -0.39 0.00	39.60 -0.68 0.00	36.11 -0.55 0.00
TRIGEN___CC 323695	46.22 2.16 -11.88	40.18 2.03 -6.44	37.71 1.98 -4.26	37.15 1.89 -4.77	38.11 2.02 -3.96	42.97 1.99 -8.33	52.53 2.98 -5.11	54.49 4.05 -2.17	53.99 3.94 -1.99	52.04 3.74 -2.11	53.59 3.11 -7.95	51.09 3.05 -5.12	47.82 2.78 -4.15	46.40 2.73 -2.85	49.52 2.71 -5.82	53.99 3.36 -7.58	56.43 3.72 -5.59	74.34 5.37 -12.46	65.50 4.88 -4.49	60.20 4.03 -6.47	56.44 3.74 -6.50	54.36 3.36 -7.91	51.77 2.78 -8.71	47.48 2.27 -8.54
TRINITY___115KV___4 BK 55933	33.12 0.93 0.00	32.60 0.89 0.00	32.34 0.88 0.00	31.41 0.91 0.00	32.96 0.84 0.00	33.49 0.85 0.00	45.82 1.38 0.00	50.05 1.79 0.00	49.88 1.83 0.00	47.90 1.71 0.00	43.60 1.06 0.00	43.87 0.94 0.00	41.67 0.78 0.00	41.59 0.78 0.00	41.73 0.74 0.00	44.04 0.99 0.00	48.43 1.32 0.00	58.43 1.92 0.00	57.81 1.68 0.00	51.09 1.39 0.00	47.49 1.29 0.00	44.30 1.21 0.00	41.17 0.89 0.00	37.40 0.73 0.00
UNION___PROCESSING_DRP 323587	30.96 -1.22 0.00	30.64 -1.08 0.00	30.27 -1.20 0.00	29.33 -1.16 0.00	30.93 -1.19 0.00	31.44 -1.21 0.00	42.40 -2.04 0.00	46.04 -2.22 0.00	45.99 -2.07 0.00	44.58 -1.62 0.00	41.31 -1.23 0.00	41.81 -1.12 0.00	39.75 -1.15 0.00	39.84 -0.98 0.00	40.01 -0.98 0.00	41.89 -1.16 0.00	46.03 -1.08 0.00	55.49 -1.02 0.00	54.50 -1.63 0.00	47.96 -1.74 0.00	44.44 -1.76 0.00	41.50 -1.59 0.00	38.39 -1.89 0.00	35.38 -1.28 0.00
UPPER HUDSON___HYD 24058	33.28 1.09 0.00	32.80 1.08 0.00	32.66 1.20 0.00	31.68 1.19 0.00	32.99 0.87 0.00	33.62 0.98 0.00	46.18 1.73 0.00	50.14 1.88 0.00	50.22 2.16 0.00	48.18 1.98 0.00	44.07 1.53 0.00	44.25 1.33 0.00	41.87 0.98 0.00	41.76 0.94 0.00	41.77 0.78 0.00	44.25 1.20 0.00	48.95 1.84 0.00	59.28 2.77 0.00	58.54 2.41 0.00	51.84 2.14 0.00	48.18 1.99 0.00	44.82 1.73 0.00	41.25 0.97 0.00	37.43 0.77 0.00
UPPER RAQUET___HYD 24056	31.67 -0.52 0.00	31.30 -0.41 0.00	30.99 -0.47 0.00	30.03 -0.46 0.00	31.67 -0.45 0.00	32.32 -0.33 0.00	43.87 -0.58 0.00	47.15 -1.11 0.00	47.00 -1.06 0.00	45.04 -1.15 0.00	41.78 -0.76 0.00	42.02 -0.90 0.00	40.20 -0.70 0.00	40.12 -0.69 0.00	40.38 -0.61 0.00	42.06 -0.99 0.00	45.93 -1.18 0.00	54.53 -1.98 0.00	54.61 -1.51 0.00	48.71 -0.99 0.00	45.27 -0.92 0.00	42.23 -0.86 0.00	39.88 -0.40 0.00	36.26 -0.40 0.00
VALLEY44_115KV_TB2 355964	31.64 -0.55 0.00	31.30 -0.41 0.00	30.77 -0.69 0.00	29.85 -0.64 0.00	31.54 -0.58 0.00	32.02 -0.62 0.00	42.76 -1.69 0.00	46.28 -1.98 0.00	46.09 -1.97 0.00	44.71 -1.48 0.00	41.56 -0.98 0.00	41.98 -0.94 0.00	40.12 -0.78 0.00	40.12 -0.69 0.00	40.29 -0.70 0.00	41.97 -1.08 0.00	46.31 -0.80 0.00	56.06 -0.45 0.00	54.44 -1.68 0.00	48.01 -1.69 0.00	44.58 -1.62 0.00	41.80 -1.29 0.00	38.71 -1.57 0.00	36.08 -0.59 0.00
VALLEY___115KV_TB 1-4 80826	32.57 0.39 0.00	32.07 0.35 0.00	31.81 0.35 0.00	30.83 0.34 0.00	32.48 0.35 0.00	33.04 0.39 0.00	45.07 0.62 0.00	49.08 0.82 0.00	48.92 0.86 0.00	47.07 0.88 0.00	43.35 0.81 0.00	43.69 0.77 0.00	41.63 0.74 0.00	41.51 0.69 0.00	41.69 0.70 0.00	43.87 0.82 0.00	48.10 0.99 0.00	57.98 1.47 0.00	57.47 1.35 0.00	50.79 1.09 0.00	47.21 1.02 0.00	44.09 0.99 0.00	41.09 0.81 0.00	37.36 0.70 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.99 1.80 0.00	33.43 1.71 0.00	33.19 1.73 0.00	32.20 1.71 0.00	33.98 1.86 0.00	34.57 1.93 0.00	47.29 2.84 0.00	51.83 3.57 0.00	51.66 3.60 0.00	49.75 3.56 0.00	45.69 3.15 0.00	46.01 3.09 0.00	43.76 2.86 0.00	43.63 2.82 0.00	43.74 2.75 0.00	46.19 3.14 0.00	50.64 3.53 0.00	61.43 4.92 0.00	60.73 4.60 0.00	53.63 3.93 0.00	49.85 3.65 0.00	46.41 3.32 0.00	42.90 2.62 0.00	38.97 2.31 0.00

VISCHER___FERRY HYD 24020	33.48 1.29 0.00	32.95 1.24 0.00	32.72 1.26 0.00	31.71 1.22 0.00	33.34 1.22 0.00	33.85 1.21 0.00	46.27 1.82 0.00	50.53 2.27 0.00	50.36 2.31 0.00	48.36 2.17 0.00	44.28 1.74 0.00	44.59 1.67 0.00	42.36 1.47 0.00	42.24 1.43 0.00	42.39 1.39 0.00	44.81 1.77 0.00	49.23 2.12 0.00	59.56 3.05 0.00	58.88 2.75 0.00	51.99 2.29 0.00	48.37 2.17 0.00	45.12 2.03 0.00	41.77 1.49 0.00	37.95 1.28 0.00
V_A_10_SYNC_DSASP 323832	30.26 -1.93 0.00	29.94 -1.78 0.00	29.51 -1.95 0.00	28.60 -1.89 0.00	30.16 -1.96 0.00	30.59 -2.06 0.00	41.20 -3.24 0.00	44.55 -3.72 0.00	44.69 -3.37 0.00	43.19 -3.00 0.00	39.94 -2.60 0.00	40.48 -2.44 0.00	38.61 -2.29 0.00	38.45 -2.37 0.00	38.78 -2.21 0.00	40.60 -2.45 0.00	44.43 -2.68 0.00	53.40 -3.11 0.00	52.31 -3.82 0.00	46.07 -3.63 0.00	42.73 -3.47 0.00	39.69 -3.41 0.00	37.02 -3.26 0.00	34.43 -2.24 0.00
V_CMM_10_SYNC_DSASP 323787	32.19 0.00 0.00	31.78 0.06 0.00	31.49 0.03 0.00	30.49 0.00 0.00	32.12 0.00 0.00	32.71 0.07 0.00	44.40 -0.04 0.00	47.73 -0.53 0.00	47.53 -0.53 0.00	45.64 -0.55 0.00	42.33 -0.21 0.00	42.71 -0.21 0.00	40.81 -0.08 0.00	40.78 -0.04 0.00	40.99 0.00 0.00	42.66 -0.39 0.00	46.50 -0.61 0.00	55.15 -1.36 0.00	55.23 -0.90 0.00	49.20 -0.50 0.00	45.74 -0.46 0.00	42.71 -0.39 0.00	40.40 0.12 0.00	36.77 0.11 0.00
V_CMP_10_SYNC_DSASP 323788	33.09 0.90 0.00	32.76 1.05 0.00	32.34 0.88 0.00	31.19 0.70 0.00	32.86 0.74 0.00	33.49 0.85 0.00	45.74 1.29 0.00	49.08 0.82 0.00	48.92 0.87 0.00	46.84 0.65 0.00	43.43 0.89 0.00	43.57 0.64 0.00	41.63 0.74 0.00	41.63 0.82 0.00	42.02 1.03 0.00	43.87 0.82 0.00	48.05 0.94 0.00	56.40 -0.11 0.00	56.35 0.23 0.00	51.09 1.39 0.00	47.49 1.29 0.00	44.39 1.29 0.00	41.97 1.69 0.00	38.75 2.09 0.00
V_D_10_SYNC_DSASP 323841	32.38 0.19 0.00	31.97 0.25 0.00	31.68 0.22 0.00	30.71 0.21 0.00	32.35 0.23 0.00	32.94 0.29 0.00	44.62 0.18 0.00	47.97 -0.29 0.00	47.77 -0.29 0.00	45.82 -0.37 0.00	42.54 0.00 0.00	42.88 -0.04 0.00	40.98 0.08 0.00	40.94 0.12 0.00	41.16 0.16 0.00	42.88 -0.17 0.00	46.73 -0.38 0.00	55.43 -1.08 0.00	55.51 -0.62 0.00	49.45 -0.25 0.00	45.97 -0.23 0.00	42.92 -0.17 0.00	40.60 0.32 0.00	36.96 0.29 0.00
V_E_10_SYNC_DSASP 323830	34.51 2.32 0.00	34.00 2.28 0.00	33.66 2.20 0.00	32.75 2.26 0.00	34.66 2.54 0.00	35.58 2.94 0.00	48.89 4.44 0.00	53.71 5.45 0.00	53.48 5.43 0.00	51.14 4.94 0.00	46.83 4.29 0.00	47.25 4.33 0.00	44.86 3.97 0.00	44.70 3.88 0.00	44.93 3.94 0.00	47.61 4.56 0.00	52.71 5.60 0.00	64.42 7.91 0.00	63.65 7.52 0.00	56.11 6.41 0.00	52.02 5.82 0.00	48.27 5.17 0.00	44.31 4.03 0.00	40.29 3.63 0.00
V_F_30_NSYNC___DSASP 323816	33.70 1.51 0.00	33.18 1.46 0.00	32.97 1.51 0.00	31.95 1.46 0.00	33.50 1.38 0.00	34.08 1.43 0.00	46.67 2.22 0.00	50.87 2.60 0.00	50.79 2.74 0.00	48.78 2.59 0.00	44.67 2.13 0.00	44.94 2.02 0.00	42.61 1.72 0.00	42.49 1.67 0.00	42.55 1.56 0.00	45.03 1.98 0.00	49.65 2.54 0.00	60.01 3.50 0.00	59.32 3.20 0.00	52.48 2.78 0.00	48.83 2.63 0.00	45.47 2.37 0.00	42.01 1.73 0.00	38.17 1.50 0.00
V_F_30_SYNC_DSASP 323786	33.19 1.00 0.00	32.67 0.95 0.00	32.44 0.98 0.00	31.50 1.01 0.00	33.05 0.93 0.00	33.59 0.95 0.00	46.00 1.56 0.00	50.19 1.93 0.00	50.07 2.02 0.00	48.09 1.89 0.00	43.77 1.23 0.00	43.99 1.07 0.00	41.79 0.90 0.00	41.71 0.90 0.00	41.85 0.86 0.00	44.17 1.12 0.00	48.57 1.46 0.00	58.66 2.15 0.00	57.98 1.85 0.00	51.24 1.54 0.00	47.68 1.48 0.00	44.43 1.34 0.00	41.25 0.97 0.00	37.51 0.84 0.00
V_XM_10_SYNC_DSASP 323789	33.09 0.90 0.00	32.76 1.05 0.00	32.34 0.88 0.00	31.19 0.70 0.00	32.86 0.74 0.00	33.49 0.85 0.00	45.74 1.29 0.00	49.08 0.82 0.00	48.92 0.87 0.00	46.84 0.65 0.00	43.43 0.89 0.00	43.57 0.64 0.00	41.63 0.74 0.00	41.63 0.82 0.00	42.02 1.03 0.00	43.87 0.82 0.00	48.05 0.94 0.00	56.40 -0.11 0.00	56.35 0.23 0.00	51.09 1.39 0.00	47.49 1.29 0.00	44.39 1.29 0.00	41.97 1.69 0.00	38.75 2.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.67 1.48 0.00	33.08 1.36 0.00	32.78 1.32 0.00	31.77 1.28 0.00	33.50 1.38 0.00	33.98 1.34 0.00	46.53 2.09 0.00	51.21 2.94 0.00	50.94 2.88 0.00	48.87 2.68 0.00	44.62 2.08 0.00	44.90 1.97 0.00	42.65 1.76 0.00	42.53 1.71 0.00	42.71 1.72 0.00	45.37 2.32 0.00	49.75 2.64 0.00	60.52 4.01 0.00	59.72 3.59 0.00	52.58 2.88 0.00	48.92 2.73 0.00	45.51 2.41 0.00	42.17 1.89 0.00	38.17 1.50 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.93 1.74 0.00	33.30 1.59 0.00	33.03 1.57 0.00	31.95 1.46 0.00	33.73 1.61 0.00	34.18 1.53 0.00	46.85 2.40 0.00	51.79 3.52 0.00	51.42 3.36 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.50 2.58 0.00	43.18 2.29 0.00	43.06 2.24 0.00	43.21 2.21 0.00	45.98 2.93 0.00	50.22 3.11 0.00	61.20 4.69 0.00	60.34 4.21 0.00	53.13 3.43 0.00	49.38 3.19 0.00	45.94 2.84 0.00	42.58 2.30 0.00	38.50 1.83 0.00
W50THST__13_KV_LOAD 356117	34.05 1.87 0.00	33.43 1.71 0.00	33.13 1.67 0.00	32.08 1.59 0.00	33.82 1.70 0.00	34.31 1.66 0.00	47.02 2.58 0.00	52.03 3.76 0.00	51.66 3.60 0.00	49.66 3.46 0.00	45.39 2.85 0.00	45.71 2.79 0.00	43.43 2.54 0.00	43.27 2.45 0.00	43.41 2.42 0.00	46.19 3.14 0.00	50.50 3.39 0.00	61.48 4.97 0.00	60.62 4.49 0.00	53.33 3.63 0.00	49.57 3.37 0.00	46.11 3.02 0.00	42.74 2.46 0.00	38.61 1.94 0.00
WADING RIVER_IC_1 23522	47.36 3.28 -11.89	41.24 3.08 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	44.08 3.10 -8.34	53.52 3.95 -5.12	55.66 5.21 -2.18	55.53 5.48 -2.00	53.57 5.26 -2.11	55.00 4.51 -7.95	52.43 4.38 -5.13	48.98 3.93 -4.15	47.67 4.00 -2.86	50.84 4.02 -5.83	55.63 4.99 -7.59	58.41 5.70 -5.60	76.84 7.85 -12.48	67.93 7.29 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.71 4.70 -7.91	52.78 3.79 -8.71	48.81 3.60 -8.55
WADING RIVER_IC_2 23547	47.36 3.28 -11.89	41.24 3.08 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	44.08 3.10 -8.34	53.52 3.95 -5.12	55.66 5.21 -2.18	55.53 5.48 -2.00	53.57 5.26 -2.11	55.00 4.51 -7.95	52.43 4.38 -5.13	48.98 3.93 -4.15	47.67 4.00 -2.86	50.84 4.02 -5.83	55.63 4.99 -7.59	58.41 5.70 -5.60	76.84 7.85 -12.48	67.93 7.29 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.71 4.70 -7.91	52.78 3.79 -8.71	48.81 3.60 -8.55
WADING RIVER_IC_3 23601	47.36 3.28 -11.89	41.24 3.08 -6.45	38.75 3.02 -4.27	38.17 2.90 -4.78	39.18 3.08 -3.97	44.08 3.10 -8.34	53.52 3.95 -5.12	55.66 5.21 -2.18	55.53 5.48 -2.00	53.57 5.26 -2.11	55.00 4.51 -7.95	52.43 4.38 -5.13	48.98 3.93 -4.15	47.67 4.00 -2.86	50.84 4.02 -5.83	55.63 4.99 -7.59	58.41 5.70 -5.60	76.84 7.85 -12.48	67.93 7.29 -4.51	62.40 6.21 -6.49	58.11 5.40 -6.51	55.71 4.70 -7.91	52.78 3.79 -8.71	48.81 3.60 -8.55

WALDENNY_12_KV_BK2 80841	30.96 -1.22 0.00	30.64 -1.08 0.00	30.14 -1.32 0.00	29.21 -1.28 0.00	30.84 -1.28 0.00	31.27 -1.37 0.00	41.91 -2.53 0.00	45.13 -3.14 0.00	45.03 -3.03 0.00	43.98 -2.22 0.00	40.97 -1.57 0.00	41.46 -1.46 0.00	39.63 -1.27 0.00	39.71 -1.10 0.00	39.84 -1.15 0.00	41.50 -1.55 0.00	45.70 -1.41 0.00	55.10 -1.41 0.00	53.66 -2.47 0.00	47.27 -2.44 0.00	43.84 -2.36 0.00	41.11 -1.98 0.00	37.86 -2.42 0.00	35.27 -1.39 0.00
WALDEN___HYDRO 24148	33.80 1.61 0.00	33.21 1.49 0.00	32.94 1.48 0.00	31.89 1.40 0.00	33.66 1.54 0.00	34.15 1.50 0.00	46.76 2.31 0.00	51.25 2.99 0.00	50.94 2.88 0.00	48.83 2.63 0.00	44.50 1.96 0.00	44.72 1.80 0.00	42.49 1.59 0.00	42.37 1.55 0.00	42.59 1.60 0.00	45.29 2.24 0.00	49.75 2.64 0.00	60.58 4.07 0.00	59.89 3.76 0.00	52.68 2.98 0.00	48.97 2.77 0.00	45.47 2.37 0.00	42.21 1.93 0.00	38.20 1.54 0.00
WARRENSBURG___ 23737	33.28 1.09 0.00	32.80 1.08 0.00	32.66 1.20 0.00	31.68 1.19 0.00	32.99 0.87 0.00	33.62 0.98 0.00	46.18 1.73 0.00	50.14 1.88 0.00	50.22 2.16 0.00	48.18 1.98 0.00	44.07 1.53 0.00	44.25 1.33 0.00	41.87 0.98 0.00	41.76 0.94 0.00	41.77 0.78 0.00	44.25 1.20 0.00	48.95 1.84 0.00	59.28 2.77 0.00	58.54 2.41 0.00	51.84 2.14 0.00	48.18 1.99 0.00	44.82 1.73 0.00	41.25 0.97 0.00	37.43 0.77 0.00
WATERSIDE___6 8 9 23538	34.13 1.93 -0.01	33.46 1.74 0.00	33.16 1.70 0.00	32.08 1.59 0.00	33.86 1.73 0.00	34.31 1.66 0.00	46.89 2.44 0.00	51.93 3.67 0.00	51.56 3.51 0.00	49.56 3.37 0.00	45.26 2.72 0.00	45.58 2.66 0.00	43.31 2.41 0.00	43.14 2.33 0.00	43.29 2.30 0.00	39.08 3.10 7.07	50.36 3.25 0.00	55.91 4.92 5.51	53.99 4.43 6.57	47.19 3.58 6.09	49.48 3.28 0.00	46.11 3.02 0.00	42.77 2.50 0.00	38.64 1.98 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.57 0.39 0.00	32.07 0.35 0.00	31.84 0.38 0.00	30.86 0.37 0.00	32.51 0.39 0.00	33.07 0.42 0.00	45.11 0.67 0.00	49.08 0.82 0.00	48.92 0.86 0.00	47.02 0.83 0.00	43.22 0.68 0.00	43.61 0.69 0.00	41.51 0.61 0.00	41.39 0.57 0.00	41.57 0.57 0.00	43.78 0.73 0.00	47.96 0.85 0.00	57.81 1.30 0.00	57.30 1.18 0.00	50.69 0.99 0.00	47.12 0.92 0.00	43.96 0.86 0.00	40.92 0.64 0.00	37.21 0.55 0.00
WATSON___69_KV_BK 1 55734	47.19 3.12 -11.88	41.07 2.92 -6.44	38.62 2.89 -4.26	38.04 2.77 -4.77	39.04 2.96 -3.96	43.94 2.97 -8.33	54.00 4.44 -5.11	56.08 5.65 -2.17	55.58 5.53 -1.99	53.52 5.22 -2.11	54.87 4.38 -7.95	52.29 4.25 -5.12	48.93 3.89 -4.15	47.50 3.84 -2.85	50.71 3.89 -5.82	55.41 4.78 -7.58	58.17 5.46 -5.59	76.61 7.63 -12.47	67.75 7.13 -4.50	62.09 5.91 -6.48	58.15 5.45 -6.50	55.87 4.87 -7.91	52.97 3.99 -8.71	48.62 3.41 -8.54
WDELAWARE___HYD 323627	33.76 1.58 0.00	33.14 1.43 0.00	32.91 1.45 0.00	31.86 1.37 0.00	33.66 1.54 0.00	34.15 1.50 0.00	46.84 2.40 0.00	51.26 2.99 0.00	50.84 2.79 0.00	48.68 2.49 0.00	44.20 1.66 0.00	44.42 1.50 0.00	42.16 1.27 0.00	42.16 1.34 0.00	42.39 1.39 0.00	45.07 2.02 0.00	49.65 2.54 0.00	60.46 3.95 0.00	59.89 3.76 0.00	52.58 2.88 0.00	48.88 2.68 0.00	45.38 2.28 0.00	42.13 1.85 0.00	38.09 1.43 0.00
WEST BABYLON___IC 23714	46.93 2.86 -11.88	40.85 2.70 -6.44	38.37 2.64 -4.26	37.79 2.53 -4.77	38.82 2.73 -3.96	43.68 2.71 -8.33	53.64 4.09 -5.11	55.74 5.31 -2.17	55.19 5.14 -1.99	53.15 4.85 -2.11	54.53 4.04 -7.95	51.99 3.95 -5.12	48.64 3.60 -4.15	47.21 3.55 -2.85	50.42 3.61 -5.82	55.06 4.43 -7.58	57.74 5.04 -5.59	76.04 7.06 -12.46	67.19 6.57 -4.50	61.64 5.47 -6.47	57.73 5.04 -6.50	55.53 4.53 -7.91	52.65 3.67 -8.71	48.32 3.12 -8.54
WEST CANADA___HYD 24049	32.38 0.19 0.00	31.88 0.16 0.00	31.62 0.16 0.00	30.67 0.18 0.00	32.32 0.19 0.00	32.84 0.20 0.00	44.76 0.31 0.00	48.74 0.48 0.00	48.54 0.48 0.00	46.65 0.46 0.00	42.84 0.30 0.00	43.22 0.30 0.00	41.14 0.25 0.00	41.06 0.25 0.00	41.24 0.25 0.00	43.39 0.34 0.00	47.53 0.42 0.00	57.24 0.73 0.00	56.74 0.62 0.00	50.20 0.50 0.00	46.66 0.46 0.00	43.53 0.43 0.00	40.52 0.24 0.00	36.85 0.18 0.00
WESTERN_NY_WIND 24143	30.96 -1.22 0.00	30.70 -1.01 0.00	30.23 -1.23 0.00	29.33 -1.16 0.00	30.97 -1.16 0.00	31.47 -1.18 0.00	42.22 -2.22 0.00	45.75 -2.51 0.00	45.75 -2.31 0.00	44.53 -1.66 0.00	41.35 -1.19 0.00	41.81 -1.12 0.00	39.79 -1.10 0.00	39.92 -0.90 0.00	40.13 -0.86 0.00	41.97 -1.08 0.00	46.26 -0.85 0.00	55.83 -0.68 0.00	54.55 -1.57 0.00	47.91 -1.79 0.00	44.35 -1.85 0.00	41.46 -1.64 0.00	38.19 -2.09 0.00	35.45 -1.21 0.00
WESTOVER___LESR 323668	32.28 0.10 0.00	31.84 0.13 0.00	31.52 0.06 0.00	30.55 0.06 0.00	32.25 0.13 0.00	32.77 0.13 0.00	44.53 0.09 0.00	48.46 0.19 0.00	48.25 0.19 0.00	46.47 0.28 0.00	42.84 0.30 0.00	43.18 0.26 0.00	41.14 0.25 0.00	41.06 0.24 0.00	41.24 0.25 0.00	43.44 0.39 0.00	47.77 0.66 0.00	57.70 1.19 0.00	56.80 0.67 0.00	50.15 0.45 0.00	46.61 0.42 0.00	43.48 0.39 0.00	40.24 -0.04 0.00	36.85 0.18 0.00
WETHRSFD_WT_PWR 323626	31.13 -1.06 0.00	30.80 -0.92 0.00	30.33 -1.13 0.00	29.42 -1.07 0.00	31.06 -1.06 0.00	31.53 -1.11 0.00	42.54 -1.91 0.00	46.14 -2.12 0.00	46.18 -1.87 0.00	44.62 -1.57 0.00	41.18 -1.36 0.00	41.72 -1.20 0.00	39.79 -1.10 0.00	39.67 -1.14 0.00	40.01 -0.98 0.00	42.02 -1.03 0.00	46.12 -0.99 0.00	55.60 -0.91 0.00	54.44 -1.68 0.00	47.96 -1.74 0.00	44.44 -1.76 0.00	41.29 -1.81 0.00	38.39 -1.89 0.00	35.71 -0.95 0.00
WHAVSTOR_138KV_BK127 55557	33.54 1.35 0.00	32.95 1.24 0.00	32.66 1.20 0.00	31.62 1.13 0.00	33.34 1.22 0.00	33.82 1.18 0.00	46.31 1.87 0.00	51.01 2.75 0.00	50.70 2.64 0.00	48.69 2.49 0.00	44.45 1.91 0.00	44.77 1.85 0.00	42.49 1.59 0.00	42.37 1.55 0.00	42.55 1.56 0.00	45.20 2.15 0.00	49.51 2.40 0.00	60.24 3.73 0.00	59.44 3.31 0.00	52.33 2.63 0.00	48.74 2.54 0.00	45.34 2.24 0.00	42.01 1.73 0.00	38.02 1.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.54 1.35 0.00	32.95 1.24 0.00	32.66 1.20 0.00	31.62 1.13 0.00	33.34 1.22 0.00	33.82 1.18 0.00	46.31 1.87 0.00	51.01 2.75 0.00	50.70 2.64 0.00	48.69 2.49 0.00	44.45 1.91 0.00	44.77 1.85 0.00	42.49 1.59 0.00	42.37 1.55 0.00	42.55 1.56 0.00	45.20 2.15 0.00	49.51 2.40 0.00	60.24 3.73 0.00	59.44 3.31 0.00	52.33 2.63 0.00	48.74 2.54 0.00	45.34 2.24 0.00	42.01 1.73 0.00	38.02 1.36 0.00
WHITEHAL_115KV_TB1 80871	33.83 1.64 0.00	33.33 1.62 0.00	33.19 1.73 0.00	32.20 1.71 0.00	33.54 1.41 0.00	34.24 1.60 0.00	47.25 2.80 0.00	51.30 3.04 0.00	51.52 3.46 0.00	49.43 3.23 0.00	45.18 2.64 0.00	45.24 2.32 0.00	42.69 1.80 0.00	42.53 1.71 0.00	42.55 1.56 0.00	45.12 2.07 0.00	50.03 2.92 0.00	60.69 4.18 0.00	59.94 3.82 0.00	53.08 3.38 0.00	49.38 3.19 0.00	45.77 2.67 0.00	42.05 1.77 0.00	38.35 1.69 0.00

WHITEPLN_13_KV_LOAD 356215	34.09 1.90 0.00	33.46 1.74 0.00	33.19 1.73 0.00	32.11 1.62 0.00	33.89 1.77 0.00	34.34 1.70 0.00	47.11 2.67 0.00	52.12 3.86 0.00	51.85 3.80 0.00	49.75 3.56 0.00	45.43 2.89 0.00	45.71 2.79 0.00	43.43 2.54 0.00	43.31 2.49 0.00	43.45 2.46 0.00	46.19 3.14 0.00	50.55 3.44 0.00	61.65 5.14 0.00	60.78 4.66 0.00	53.53 3.83 0.00	49.75 3.56 0.00	46.24 3.15 0.00	42.82 2.54 0.00	38.68 2.02 0.00
WM_FLOYD_69_KV_BK2 356380	47.22 3.15 -11.88	41.10 2.95 -6.44	38.62 2.89 -4.26	38.04 2.77 -4.77	39.04 2.96 -3.96	43.94 2.97 -8.33	53.69 4.13 -5.11	55.79 5.36 -2.17	55.43 5.38 -1.99	53.43 5.13 -2.11	54.87 4.38 -7.95	52.25 4.21 -5.12	48.84 3.80 -4.15	47.42 3.76 -2.85	50.67 3.85 -5.82	55.36 4.74 -7.58	58.22 5.51 -5.59	76.55 7.57 -12.47	67.70 7.07 -4.50	62.14 5.96 -6.48	58.01 5.31 -6.50	55.61 4.61 -7.91	52.77 3.79 -8.71	48.62 3.41 -8.54
WOODARD__115KV_TB2 355635	31.41 -0.77 0.00	30.99 -0.73 0.00	30.71 -0.76 0.00	29.79 -0.70 0.00	31.38 -0.74 0.00	31.93 -0.72 0.00	43.42 -1.02 0.00	47.35 -0.92 0.00	47.14 -0.91 0.00	45.41 -0.79 0.00	41.82 -0.72 0.00	42.19 -0.73 0.00	40.16 -0.74 0.00	40.08 -0.73 0.00	40.25 -0.74 0.00	42.32 -0.73 0.00	46.45 -0.66 0.00	55.94 -0.57 0.00	55.34 -0.79 0.00	48.86 -0.84 0.00	45.37 -0.83 0.00	42.32 -0.78 0.00	39.27 -1.01 0.00	35.82 -0.84 0.00
YORK___WARBASSE 23770	34.29 2.09 -0.01	33.62 1.90 0.00	33.29 1.82 0.00	32.20 1.71 0.00	34.02 1.90 0.00	34.41 1.76 0.00	47.07 2.62 0.00	52.17 3.91 0.00	51.80 3.75 0.00	49.80 3.60 0.00	45.48 2.94 0.00	45.80 2.88 0.00	43.51 2.62 0.00	43.31 2.49 0.00	43.45 2.46 0.00	95.84 3.31 -49.48	50.60 3.49 0.00	100.32 5.20 -38.61	106.83 4.71 -45.99	96.22 3.88 -42.64	49.75 3.56 0.00	46.37 3.28 0.00	43.04 2.74 -0.02	38.79 2.13 0.00