

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																			--- Marginal Cost of Losses																			--- Marginal Cost of Congestion																			07/01/2023		
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	31.00	27.97	26.86	25.06	23.64	23.99	24.44	24.05	27.11	28.20	29.93	31.28	32.70	34.14	34.71	38.08	46.50	47.43	47.39	36.92	34.95	32.52	31.10	28.44																																				
		1.93	1.74	1.45	1.33	1.21	1.18	1.46	1.43	1.73	2.19	2.32	2.34	2.56	2.65	2.69	2.85	3.84	3.92	3.60	2.61	2.38	2.17	2.33	1.74																																				
		-0.77	-0.23	0.00	0.00	0.00	0.00	-2.09	-5.16	-4.85	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	0.00	-2.02	-0.58	0.00	0.00																																				
74TH STREET_GT_1	24260	31.06	28.02	26.92	25.10	23.69	24.01	24.49	24.07	27.13	28.23	29.96	31.31	32.70	34.17	34.74	38.12	46.54	47.47	47.43	36.99	34.97	32.58	31.16	28.50																																				
		1.98	1.79	1.50	1.38	1.26	1.21	1.50	1.45	1.75	2.22	2.35	2.37	2.56	2.68	2.72	2.89	3.88	3.96	3.64	2.68	2.41	2.23	2.39	1.79																																				
		-0.77	-0.23	0.00	0.00	0.00	0.00	-2.09	-5.16	-4.85	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	0.00	-2.02	-0.58	0.00	0.00																																				
74TH STREET_GT_2	24261	31.06	28.02	26.92	25.10	23.69	24.01	24.49	24.07	27.13	28.23	29.96	31.31	32.70	34.17	34.74	38.12	46.54	47.47	47.43	36.99	34.97	32.58	31.16	28.50																																				
		1.98	1.79	1.50	1.38	1.26	1.21	1.50	1.45	1.75	2.22	2.35	2.37	2.56	2.68	2.72	2.89	3.88	3.96	3.64	2.68	2.41	2.23	2.39	1.79																																				
		-0.77	-0.23	0.00	0.00	0.00	0.00	-2.09	-5.16	-4.85	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.96	0.00	-2.02	-0.58	0.00	0.00																																				
ADK HUDSON___FALLS	24011	33.00	28.37	27.17	25.32	24.00	24.33	25.18	25.61	28.58	28.14	29.62	31.05	32.37	33.79	34.35	37.84	45.77	46.69	49.46	37.12	39.84	34.45	31.22	28.60																																				
		2.24	1.98	1.75	1.59	1.57	1.53	1.50	1.28	1.58	2.07	2.02	2.11	2.23	2.30	2.34	2.61	3.11	3.18	3.55	2.81	2.84	2.83	2.45	1.90																																				
		-2.46	-0.40	0.00	0.00	0.00	0.00	-2.78	-6.87	-6.47	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.07	0.00	-6.46	-1.86	0.00	0.00																																				
ADK RESOURCE___RCVRY	23798	33.23	28.58	27.35	25.48	24.16	24.49	25.33	25.74	28.73	28.35	29.84	31.28	32.61	34.04	34.61	38.08	46.11	47.08	49.90	37.46	40.17	34.76	31.47	28.82																																				
		2.46	2.18	1.93	1.76	1.73	1.69	1.65	1.40	1.73	2.27	2.24	2.34	2.47	2.55	2.59	2.85	3.45	3.57	3.98	3.15	3.15	3.12	2.70	2.11																																				
		-2.46	-0.40	0.00	0.00	0.00	0.00	-2.79	-6.87	-6.47	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.08	0.00	-6.48	-1.87	0.00	0.00																																				
ADK S GLENS___FALLS	24028	33.00	28.37	27.17	25.32	24.00	24.33	25.18	25.61	28.58	28.14	29.62	31.05	32.37	33.79	34.35	37.84	45.77	46.69	49.46	37.12	39.84	34.45	31.22	28.60																																				
		2.24	1.98	1.75	1.59	1.57	1.53	1.50	1.28	1.58	2.07	2.02	2.11	2.23	2.30	2.34	2.61	3.11	3.18	3.55	2.81	2.84	2.83	2.45	1.90																																				
		-2.46	-0.40	0.00	0.00	0.00	0.00	-2.78	-6.87	-6.47	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.07	0.00	-6.46	-1.86	0.00	0.00																																				
ADK_NYS___DAM	23527	32.09	28.04	26.89	25.10	23.76	24.12	24.92	25.18	28.07	27.74	29.32	30.61	31.91	33.51	34.00	37.24	45.43	46.26	48.08	36.51	37.71	33.13	30.58	28.18																																				
		1.81	1.69	1.47	1.38	1.32	1.32	1.36	1.13	1.33	1.68	1.71	1.68	1.78	2.02	1.99	2.01	2.77	2.74	2.78	2.20	1.98	1.88	1.81	1.47																																				
		-1.97	-0.36	0.00	0.00	0.00	0.00	-2.67	-6.58	-6.20	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.46	0.00	-5.19	-1.49	0.00	0.00																																				
AIR_PRODUCTS___DRP	24190	31.01	27.32	26.20	24.46	23.20	23.51	24.37	24.76	27.54	27.07	28.69	29.97	30.98	32.44	32.98	36.22	44.02	44.91	46.27	35.34	35.81	31.91	29.63	27.27																																				
		1.05	0.99	0.79	0.74	0.76	0.71	0.79	0.68	0.78	1.01	1.08	1.04	0.84	0.94	0.96	0.99	1.37	1.39	1.37	1.03	0.92	0.89	0.86	0.56																																				
		-1.65	-0.34	0.00	0.00	0.00	0.00	-2.68	-6.62	-6.23	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.07	0.00	-4.35	-1.25	0.00	0.00																																				
AKWESSNE_115KV_BK	355683	27.94	25.66	25.34	23.66	22.39	22.76	20.66	17.08	20.08	25.28	27.06	28.35	29.50	30.74	31.25	34.39	41.63	42.47	41.89	33.55	29.96	29.17	28.17	26.39																																				
		-0.37	-0.34	-0.08	-0.07	-0.04	-0.05	-0.23	-0.38	-0.45	-0.54	-0.55	-0.58	-0.63	-0.76	-0.77	-0.85	-1.02	-1.04	-0.94	-0.75	-0.58	-0.60	-0.60	-0.32																																				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.01	27.32	26.20	24.46	23.20	23.51	24.37	24.76	27.54	27.07	28.69	29.97	30.98	32.44	32.98	36.22	44.02	44.91	46.27	35.34	35.81	31.91	29.63	27.27																																				
		1.05	0.99	0.79	0.74	0.76	0.71	0.79	0.68	0.78	1.01	1.08	1.04	0.84	0.94	0.96	0.99	1.37	1.39	1.37	1.03	0.92	0.89	0.86	0.56																																				
		-1.65	-0.34	0.00	0.00	0.00	0.00	-2.68	-6.62	-6.23	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.07	0.00	-4.35	-1.25	0.00	0.00																																				
ALBANY___2	23572	31.01	27.32	26.20	24.46	23.20	23.51	24.37	24.76	27.54	27.07	28.69	29.97	30.98	32.44	32.98	36.22	44.02	44.91	46.27	35.34	35.81	31.91	29.63	27.27																																				
		1.05	0.99	0.79	0.74	0.76	0.71	0.79	0.68	0.78	1.01	1.08	1.04	0.84	0.94	0.96	0.99	1.37	1.39	1.37	1.03	0.92	0.89	0.86	0.56																																				
		-1.65	-0.34	0.00	0.00	0.00	0.00	-2.68	-6.62	-6.23	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.07	0.00	-4.35	-1.25	0.00	0.00																																				
ALBANY___3	23573	31.01	27.32	26.20	24.46	23.20	23.51	24.37	24.76	27.54	27.07	28.69	29.97	30.98	32.44	32.98	36.22	44.02	44.91	46.27	35.34	35.81	31.91	29.63	27.27																																				
		1.05	0.99	0.79	0.74	0.76	0.71	0.79	0.68	0.78	1.01	1.08	1.04	0.84	0.94	0.96	0.99	1.37	1.39	1.37	1.03	0.92	0.89	0.86	0.56																																				
		-1.65	-0.34	0.00	0.00	0.00	0.00	-2.68	-6.62	-6.23	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.07	0.00	-4.35	-1.25	0.00	0.00																																				

ALBANY___4 23574	31.01 1.05 -1.65	27.32 0.99 -0.34	26.20 0.79 0.00	24.46 0.74 0.00	23.20 0.76 0.00	23.51 0.71 0.00	24.37 0.79 -2.68	24.76 0.68 -6.62	27.54 0.78 -6.23	27.07 1.01 -0.24	28.69 1.08 0.00	29.97 1.04 0.00	30.98 0.84 0.00	32.44 0.94 0.00	32.98 0.96 0.00	36.22 0.99 0.00	44.02 1.37 0.00	44.91 1.39 0.00	46.27 1.37 -2.07	35.34 1.03 0.00	35.81 0.92 -4.35	31.91 0.89 -1.25	29.63 0.86 0.00	27.27 0.56 0.00
ALBANY___LFGE 323615	31.53 1.33 -1.89	27.58 1.22 -0.36	26.46 1.04 0.00	24.68 0.95 0.00	23.40 0.96 0.00	23.72 0.91 0.00	24.59 0.98 -2.71	24.99 0.84 -6.69	27.80 0.97 -6.30	27.31 1.24 -0.24	28.96 1.35 0.00	30.29 1.36 0.00	31.37 1.24 0.00	32.85 1.35 0.00	33.39 1.38 0.00	36.68 1.45 0.00	44.58 1.92 0.00	45.47 1.96 0.00	47.13 1.93 -2.37	35.78 1.47 0.00	36.83 1.31 -4.98	32.48 1.28 -1.43	29.95 1.18 0.00	27.56 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	28.17 -0.14 0.00	25.86 -0.13 0.00	25.52 0.10 0.00	23.82 0.09 0.00	22.54 0.11 0.00	22.94 0.14 0.00	20.81 -0.08 0.00	17.13 -0.33 0.00	20.16 -0.37 0.00	25.39 -0.44 0.00	27.20 -0.41 0.00	28.50 -0.43 0.00	29.65 -0.48 0.00	30.89 -0.60 0.00	31.41 -0.61 0.00	34.60 -0.63 0.00	41.85 -0.81 0.00	42.69 -0.83 0.00	42.15 -0.69 0.00	33.76 -0.55 0.00	30.17 -0.37 0.00	29.32 -0.45 0.00	28.34 -0.43 0.00	26.65 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	28.17 -0.14 0.00	25.86 -0.13 0.00	25.52 0.10 0.00	23.82 0.09 0.00	22.54 0.11 0.00	22.94 0.14 0.00	20.81 -0.08 0.00	17.13 -0.33 0.00	20.16 -0.37 0.00	25.39 -0.44 0.00	27.20 -0.41 0.00	28.50 -0.43 0.00	29.65 -0.48 0.00	30.89 -0.60 0.00	31.41 -0.61 0.00	34.60 -0.63 0.00	41.85 -0.81 0.00	42.69 -0.83 0.00	42.15 -0.69 0.00	33.76 -0.55 0.00	30.17 -0.37 0.00	29.32 -0.45 0.00	28.34 -0.43 0.00	26.65 -0.05 0.00
ALCOA___DSASP 323711	28.17 -0.14 0.00	25.86 -0.13 0.00	25.52 0.10 0.00	23.82 0.10 0.00	22.55 0.11 0.00	22.94 0.14 0.00	20.81 -0.08 0.00	17.13 -0.33 0.00	20.16 -0.37 0.00	25.39 -0.44 0.00	27.20 -0.41 0.00	28.50 -0.43 0.00	29.65 -0.48 0.00	30.89 -0.60 0.00	31.41 -0.61 0.00	34.60 -0.63 0.00	41.85 -0.81 0.00	42.69 -0.83 0.00	42.14 -0.69 0.00	33.76 -0.55 0.00	30.11 -0.43 0.00	29.32 -0.45 0.00	28.34 -0.43 0.00	26.66 -0.05 0.00
ALLEGHENY___COGEN 23514	29.42 0.99 -0.13	26.73 0.70 -0.04	25.62 0.20 0.00	23.82 0.10 0.00	22.50 0.07 0.00	22.98 0.18 0.00	21.56 0.33 -0.34	18.80 0.51 -0.83	21.75 0.43 -0.78	25.78 -0.08 -0.03	27.03 -0.58 0.00	28.50 -0.43 0.00	29.74 -0.39 0.00	30.89 -0.60 0.00	31.44 -0.58 0.00	34.74 -0.49 0.00	41.63 -1.02 0.00	43.51 0.00 0.00	43.93 0.94 -0.16	36.26 1.95 0.00	32.92 2.05 -0.33	31.94 2.08 -0.10	30.53 1.76 0.00	28.50 1.79 0.00
ALTAMONT_115KV_TB 2 55880	30.95 1.16 -1.48	27.42 1.09 -0.33	26.33 0.91 0.00	24.58 0.85 0.00	23.26 0.83 0.00	23.62 0.82 0.00	24.45 0.88 -2.68	24.85 0.77 -6.62	27.65 0.88 -6.23	27.20 1.14 -0.24	28.80 1.19 0.00	30.12 1.19 0.00	31.31 1.18 0.00	32.75 1.26 0.00	33.30 1.28 0.00	36.57 1.34 0.00	44.45 1.79 0.00	45.34 1.83 0.00	46.49 1.80 -1.86	35.72 1.41 0.00	35.70 1.25 -3.91	32.11 1.22 -1.13	29.95 1.18 0.00	27.59 0.88 0.00
ALTONA_WT_PWR 323606	28.11 -0.20 0.00	25.76 -0.23 0.00	25.32 -0.10 0.00	23.59 -0.14 0.00	22.39 -0.04 0.00	22.78 -0.02 0.00	20.72 -0.17 0.00	17.15 -0.31 0.00	20.27 -0.27 0.00	25.54 -0.28 0.00	27.42 -0.19 0.00	28.76 -0.17 0.00	29.87 -0.27 0.00	31.08 -0.41 0.00	31.63 -0.38 0.00	34.85 -0.39 0.00	42.15 -0.51 0.00	43.04 -0.48 0.00	42.44 -0.39 0.00	34.03 -0.28 0.00	30.29 -0.25 0.00	29.41 -0.36 0.00	28.34 -0.43 0.00	26.52 -0.19 0.00
AMERICAN_REF_FUEL 24010	27.23 -1.19 -0.11	24.75 -1.27 -0.03	23.79 -1.63 0.00	22.07 -1.66 0.00	21.13 -1.30 0.00	21.37 -1.44 0.00	20.11 -1.09 -0.30	17.69 -0.52 -0.75	20.60 -0.64 -0.70	25.08 -0.77 -0.03	26.75 -0.86 0.00	28.32 -0.61 0.00	29.60 -0.54 0.00	30.93 -0.57 0.00	31.50 -0.51 0.00	34.81 -0.42 0.00	40.78 -1.88 0.00	42.03 -1.48 0.00	41.30 -1.67 -0.14	33.52 -0.79 0.00	30.16 -0.67 -0.29	29.25 -0.60 -0.08	27.99 -0.78 0.00	26.36 -0.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.32 -0.11 -0.13	25.67 -0.36 -0.04	24.63 -0.79 0.00	22.85 -0.88 0.00	21.78 -0.65 0.00	22.21 -0.59 0.00	20.83 -0.40 -0.34	18.55 0.24 -0.84	21.67 0.35 -0.79	26.66 0.80 -0.03	28.44 0.83 0.00	30.18 1.24 0.00	31.49 1.36 0.00	33.00 1.51 0.00	33.62 1.60 0.00	37.03 1.80 0.00	43.47 0.81 0.00	44.86 1.35 0.00	43.98 0.99 -0.16	35.54 1.23 0.00	31.91 1.04 -0.33	30.96 1.10 -0.10	29.49 0.72 0.00	27.56 0.85 0.00
ARTHUR_KILL_GT_1 23520	31.18 2.09 -0.78	28.11 1.87 -0.24	26.97 1.55 -0.01	25.14 1.40 -0.01	23.73 1.30 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.85 2.24 -0.01	31.20 2.26 -0.01	32.54 2.41 0.01	33.97 2.49 0.01	34.57 2.56 0.01	38.01 2.78 0.01	46.45 3.80 0.01	47.38 3.87 0.01	47.34 3.55 -0.95	36.84 2.54 0.01	34.87 2.32 -2.02	32.40 2.05 -0.58	31.19 2.42 -0.01	28.53 1.82 -0.01
ARTHUR_KILL_2 23512	31.09 2.01 -0.78	28.03 1.79 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.93 1.31 -5.16	26.93 1.54 -4.85	27.97 1.96 -0.19	29.77 2.15 -0.01	31.11 2.17 -0.01	32.42 2.29 0.01	33.88 2.39 0.01	34.44 2.43 0.01	37.87 2.64 0.01	46.27 3.62 0.01	47.20 3.70 0.01	47.17 3.38 -0.95	36.70 2.40 0.01	34.75 2.20 -2.02	32.28 1.93 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
ARTHUR_KILL_3 23513	30.75 1.67 -0.77	27.73 1.51 -0.23	26.64 1.22 0.00	24.82 1.09 0.00	23.44 1.01 0.00	23.78 0.98 0.00	24.26 1.27 -2.09	23.90 1.27 -5.16	26.93 1.54 -4.85	27.95 1.94 -0.19	29.62 2.01 0.00	30.96 2.02 0.00	32.34 2.20 0.00	33.76 2.27 0.00	34.29 2.27 0.00	37.63 2.40 0.00	45.94 3.28 0.00	46.86 3.35 0.00	46.83 3.04 -0.96	36.51 2.20 0.00	34.58 2.02 -2.02	32.22 1.88 -0.58	30.81 2.04 0.00	28.18 1.47 0.00
ARTHUR_KILL_COGEN 323718	31.18 2.09 -0.78	28.11 1.87 -0.24	26.97 1.55 -0.01	25.14 1.40 -0.01	23.73 1.30 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.85 2.24 -0.01	31.20 2.26 -0.01	32.54 2.41 0.01	33.97 2.49 0.01	34.57 2.56 0.01	38.01 2.78 0.01	46.45 3.80 0.01	47.38 3.87 0.01	47.34 3.55 -0.95	36.84 2.54 0.01	34.87 2.32 -2.02	32.40 2.05 -0.58	31.19 2.42 -0.01	28.53 1.82 -0.01
ASHOKAN____ 23654	30.57 1.10 -1.16	27.73 1.45 -0.28	26.61 1.19 0.00	24.82 1.09 0.00	23.46 1.03 0.00	23.69 0.89 0.00	23.93 0.67 -2.37	23.79 0.49 -5.84	26.65 0.62 -5.50	27.25 1.21 -0.21	28.77 1.16 0.00	30.03 1.10 0.00	31.28 1.14 0.00	32.75 1.26 0.00	33.36 1.34 0.00	36.78 1.55 0.00	44.71 2.05 0.00	45.95 2.44 0.00	46.07 1.80 -1.45	36.26 1.95 0.00	34.89 1.31 -3.04	31.80 1.16 -0.88	30.15 1.38 0.00	27.75 1.04 0.00

ASTORIA_EAST_ENERGY_CC1 323581	31.04 1.95 -0.78	28.03 1.79 -0.24	26.92 1.50 -0.01	25.14 1.40 -0.01	23.71 1.28 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	24.09 1.47 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.88 2.26 -0.01	31.26 2.32 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	37.95 2.71 -0.01	46.25 3.58 -0.01	47.22 3.70 -0.01	47.23 3.43 -0.97	37.02 2.71 0.00	34.95 2.38 -2.03	32.58 2.23 -0.58	31.05 2.27 -0.01	28.53 1.82 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	31.04 1.95 -0.78	28.03 1.79 -0.24	26.92 1.50 -0.01	25.14 1.40 -0.01	23.71 1.28 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	24.09 1.47 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.88 2.26 -0.01	31.26 2.32 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	37.95 2.71 -0.01	46.25 3.58 -0.01	47.22 3.70 -0.01	47.23 3.43 -0.97	37.02 2.71 0.00	34.95 2.38 -2.03	32.58 2.23 -0.58	31.05 2.27 -0.01	28.53 1.82 -0.01
ASTORIA_GT2_1 24094	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT2_2 24095	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT2_3 24096	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT2_4 24097	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT3_1 24098	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT3_2 24099	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT3_3 24100	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT3_4 24101	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT4_1 24102	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT4_2 24103	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT4_3 24104	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT4_4 24105	31.04 1.95 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.21 2.20 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.29 3.63 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA_GT_1 23523	31.09 2.01 -0.78	28.08 1.85 -0.24	26.97 1.55 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	23.96 1.16 0.00	24.42 1.44 -2.09	24.12 1.50 -5.16	27.13 1.74 -4.85	28.26 2.25 -0.19	29.94 2.32 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.06 2.82 -0.01	46.38 3.71 -0.01	47.31 3.78 -0.01	47.35 3.55 -0.97	37.12 2.81 0.00	35.04 2.47 -2.03	32.67 2.32 -0.58	31.11 2.33 -0.01	28.59 1.87 -0.01

ASTORIA_GT_10 24110	31.01 1.92 -0.78	28.00 1.77 -0.24	26.87 1.45 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.65 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	37.99 2.75 -0.01	46.38 3.71 -0.01	47.31 3.79 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.89 2.32 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
ASTORIA_GT_11 24225	31.01 1.92 -0.78	28.00 1.77 -0.24	26.87 1.45 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.65 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	37.99 2.75 -0.01	46.38 3.71 -0.01	47.31 3.79 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.89 2.32 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
ASTORIA_GT_12 24226	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.62 2.47 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.31 3.78 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
ASTORIA_GT_13 24227	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.62 2.47 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.31 3.78 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
ASTORIA_GT_5 24106	31.09 2.01 -0.78	28.08 1.85 -0.24	26.97 1.55 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	23.96 1.16 0.00	24.42 1.44 -2.09	24.12 1.50 -5.16	27.13 1.74 -4.85	28.26 2.25 -0.19	29.94 2.32 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.06 2.82 -0.01	46.38 3.71 -0.01	47.31 3.78 -0.01	47.35 3.55 -0.97	37.12 2.81 0.00	35.04 2.47 -2.03	32.67 2.32 -0.58	31.11 2.33 -0.01	28.59 1.87 -0.01
ASTORIA_GT_7 24107	31.09 2.01 -0.78	28.08 1.85 -0.24	26.97 1.55 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	23.96 1.16 0.00	24.42 1.44 -2.09	24.12 1.50 -5.16	27.13 1.74 -4.85	28.26 2.25 -0.19	29.94 2.32 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.06 2.82 -0.01	46.38 3.71 -0.01	47.31 3.78 -0.01	47.35 3.55 -0.97	37.12 2.81 0.00	35.04 2.47 -2.03	32.67 2.32 -0.58	31.11 2.33 -0.01	28.59 1.87 -0.01
ASTORIA_GT_8 24108	31.07 1.98 -0.78	28.08 1.85 -0.24	26.97 1.55 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	23.97 1.16 0.00	24.42 1.44 -2.09	24.12 1.50 -5.16	27.13 1.75 -4.85	28.26 2.25 -0.19	29.94 2.32 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.13 2.89 -0.01	46.38 3.71 -0.01	47.31 3.79 -0.01	47.36 3.55 -0.97	36.92 2.61 0.00	35.01 2.44 -2.03	32.67 2.32 -0.58	31.11 2.33 -0.01	28.59 1.87 -0.01
ASTORIA___2 24149	31.04 1.95 -0.78	28.05 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.11 1.48 -5.16	27.09 1.70 -4.85	28.20 2.19 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	37.99 2.75 -0.01	46.25 3.58 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	37.05 2.75 0.00	34.98 2.41 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.56 1.84 -0.01
ASTORIA___3 23516	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.62 2.47 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.31 3.78 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
ASTORIA___4 23517	31.01 1.92 -0.78	28.00 1.77 -0.24	26.87 1.45 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.65 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	37.99 2.75 -0.01	46.38 3.71 -0.01	47.31 3.79 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.89 2.32 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
ASTORIA___5 23518	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.62 2.47 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.31 3.78 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
AST_ENERGY_2_CC3 323677	30.86 1.78 -0.77	27.84 1.61 -0.23	26.71 1.30 0.00	24.91 1.19 0.00	23.53 1.10 0.00	23.85 1.05 0.00	24.32 1.34 -2.09	23.95 1.33 -5.16	26.97 1.58 -4.85	28.03 2.02 -0.19	29.71 2.10 0.00	31.04 2.11 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.42 2.40 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.04 3.52 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.31 1.96 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
AST_ENERGY_2_CC4 323678	30.86 1.78 -0.77	27.84 1.61 -0.23	26.71 1.30 0.00	24.91 1.19 0.00	23.53 1.10 0.00	23.85 1.05 0.00	24.32 1.34 -2.09	23.95 1.33 -5.16	26.97 1.58 -4.85	28.03 2.02 -0.19	29.71 2.10 0.00	31.04 2.11 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.42 2.40 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.04 3.52 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.31 1.96 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
ATHENS_STG_1 23668	30.28 1.16 -0.82	27.37 1.12 -0.26	26.33 0.91 0.00	24.58 0.85 0.00	23.26 0.83 0.00	23.60 0.80 0.00	24.15 0.90 -2.36	24.12 0.84 -5.82	27.00 0.99 -5.48	27.27 1.24 -0.21	28.88 1.27 0.00	30.20 1.27 0.00	31.43 1.29 0.00	32.88 1.38 0.00	33.39 1.38 0.00	36.68 1.45 0.00	44.62 1.96 0.00	45.52 2.00 0.00	45.73 1.88 -1.02	35.75 1.44 0.00	33.97 1.28 -2.15	31.60 1.22 -0.62	30.07 1.30 0.00	27.67 0.96 0.00
ATHENS_STG_2 23670	30.28 1.16 -0.82	27.37 1.12 -0.26	26.33 0.91 0.00	24.58 0.85 0.00	23.26 0.83 0.00	23.60 0.80 0.00	24.15 0.90 -2.36	24.12 0.84 -5.82	27.00 0.99 -5.48	27.27 1.24 -0.21	28.88 1.27 0.00	30.20 1.27 0.00	31.43 1.29 0.00	32.88 1.38 0.00	33.39 1.38 0.00	36.68 1.45 0.00	44.62 1.96 0.00	45.52 2.00 0.00	45.73 1.88 -1.02	35.75 1.44 0.00	33.97 1.28 -2.15	31.60 1.22 -0.62	30.07 1.30 0.00	27.67 0.96 0.00

ATHENS_STG_3 23677	30.28 1.16 -0.82	27.37 1.12 -0.26	26.33 0.91 0.00	24.58 0.85 0.00	23.26 0.83 0.00	23.60 0.80 0.00	24.15 0.90 -2.36	24.12 0.84 -5.82	27.00 0.99 -5.48	27.27 1.24 -0.21	28.88 1.27 0.00	30.20 1.27 0.00	31.43 1.29 0.00	32.88 1.38 0.00	33.39 1.38 0.00	36.68 1.45 0.00	44.62 1.96 0.00	45.52 2.00 0.00	45.73 1.88 -1.02	35.75 1.44 0.00	33.97 1.28 -2.15	31.60 1.22 -0.62	30.07 1.30 0.00	27.67 0.96 0.00
AUBURN____LFGE 323710	28.65 0.25 -0.09	26.07 0.05 -0.03	25.26 -0.15 0.00	23.56 -0.17 0.00	22.23 -0.20 0.00	22.64 -0.16 0.00	21.10 -0.04 -0.25	18.25 0.17 -0.61	21.36 0.25 -0.58	26.18 0.34 -0.02	28.02 0.41 0.00	29.45 0.52 0.00	30.71 0.57 0.00	32.28 0.79 0.00	32.85 0.83 0.00	36.18 0.95 0.00	43.64 0.98 0.00	44.63 1.04 -0.07	43.93 0.99 -0.11	35.20 0.89 0.00	31.44 0.67 -0.23	30.43 0.60 -0.07	29.29 0.52 0.00	27.16 0.45 0.00
BABYLON_RES_REC 323704	34.82 2.74 -3.77	33.22 2.47 -4.75	30.41 2.16 -2.84	26.75 1.97 -1.06	24.31 1.86 -0.02	24.66 1.85 -0.02	25.01 2.03 -2.09	28.24 1.83 -8.94	30.32 2.20 -7.59	34.32 2.79 -5.70	35.43 2.87 -4.95	36.70 2.89 -4.88	39.85 3.13 -6.58	43.49 2.99 -9.00	44.64 3.01 -9.61	49.95 3.24 -11.48	54.04 4.27 -7.12	56.05 4.27 -8.27	55.46 4.02 -8.60	42.09 3.22 -4.56	38.24 3.18 -4.53	37.90 3.00 -5.13	36.11 3.11 -4.23	33.21 2.54 -3.97
BABYLON__69_KV_BK2 356345	35.25 3.17 -3.77	33.61 2.86 -4.75	30.77 2.52 -2.84	27.09 2.30 -1.06	24.60 2.15 -0.02	24.98 2.17 -0.02	25.28 2.30 -2.09	28.49 2.08 -8.94	30.63 2.51 -7.59	34.73 3.20 -5.70	35.93 3.37 -4.95	37.20 3.39 -4.88	40.42 3.71 -6.58	44.34 3.84 -9.00	45.53 3.91 -9.61	50.94 4.23 -11.48	55.19 5.42 -7.12	57.40 5.61 -8.27	56.78 5.31 -8.64	43.64 4.12 -5.21	39.65 3.70 -5.42	38.69 3.51 -5.41	36.57 3.57 -4.23	33.67 2.99 -3.97
BARON_WINDS____WT_PWR 323822	28.36 -0.11 -0.16	25.73 -0.31 -0.05	24.83 -0.58 0.00	23.09 -0.64 0.00	21.89 -0.54 0.00	22.30 -0.50 0.00	20.94 -0.38 -0.43	18.55 0.04 -1.05	21.59 0.06 -0.99	26.12 0.26 -0.04	27.86 0.25 0.00	29.39 0.46 0.00	30.71 0.57 0.00	32.18 0.69 0.00	32.75 0.74 0.00	36.15 0.91 0.00	42.96 0.30 0.00	44.18 0.65 -0.02	43.55 0.52 -0.21	35.10 0.79 0.00	31.64 0.67 -0.43	30.60 0.71 -0.13	29.32 0.55 0.00	27.35 0.64 0.00
BARRETT_IC_1 23704	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_10 23701	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_11 23702	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_12 23703	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_2 23705	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_3 23706	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_4 23707	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_5 23708	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_6 23709	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_7 23710	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.78 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.32 -5.70	34.82 2.26 -4.95	36.12 2.31 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.49 2.78 -11.48	53.40 3.63 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.85 2.38 -3.93	36.94 2.23 -4.94	35.33 2.33 -4.23	32.51 1.84 -3.96

BARRETT_IC_8 23711	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT_IC_9 23700	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT___1 23545	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BARRETT___2 23546	34.20 2.12 -3.77	32.75 2.00 -4.75	30.03 1.78 -2.84	26.47 1.68 -1.06	24.02 1.57 -0.02	24.39 1.57 -0.02	24.76 1.77 -2.09	28.03 1.62 -8.94	30.03 1.91 -7.59	33.85 2.33 -5.70	34.82 2.26 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.40 3.62 -7.12	55.44 3.66 -8.27	54.79 3.38 -8.58	41.10 2.68 -4.12	36.88 2.41 -3.93	36.94 2.23 -4.94	35.36 2.36 -4.23	32.51 1.84 -3.96
BATAVIA___115KV_TB1 55881	28.44 0.03 -0.10	25.84 -0.18 -0.03	24.76 -0.66 0.00	22.97 -0.76 0.00	21.87 -0.56 0.00	22.26 -0.55 0.00	20.90 -0.27 -0.28	18.30 0.14 -0.69	21.35 0.16 -0.65	26.08 0.23 -0.02	27.89 0.28 0.00	29.48 0.55 0.00	30.80 0.66 0.00	32.31 0.82 0.00	32.94 0.93 0.00	36.43 1.20 0.00	42.91 0.26 0.00	44.25 0.74 0.00	43.43 0.47 -0.13	35.17 0.86 0.00	31.38 0.58 -0.27	30.70 0.86 -0.08	29.35 0.58 0.00	27.59 0.88 0.00
BAYONEEC___CTG1 323682	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG10 323750	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG2 323683	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG3 323684	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG4 323685	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG5 323686	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG6 323687	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG7 323688	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG8 323689	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BAYONEEC___CTG9 323749	30.86 1.78 -0.77	27.84 1.61 -0.23	26.74 1.32 0.00	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.88 2.39 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.11 3.45 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.67 2.37 0.00	34.70 2.14 -2.02	32.34 1.99 -0.58	30.93 2.16 0.00	28.28 1.58 0.00

BEACON___LESR 323632	31.47 1.50 -1.67	27.74 1.40 -0.34	26.64 1.22 0.00	24.84 1.12 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.70 1.13 -2.68	25.05 0.98 -6.61	27.88 1.13 -6.22	27.51 1.45 -0.24	29.18 1.57 0.00	30.52 1.59 0.00	31.61 1.48 0.00	33.16 1.67 0.00	33.68 1.66 0.00	36.99 1.76 0.00	44.83 2.17 0.00	45.86 2.35 0.00	47.23 2.31 -2.09	36.09 1.78 0.00	36.52 1.59 -4.39	32.58 1.55 -1.26	30.18 1.41 0.00	27.75 1.04 0.00
BEAVER RIVER___HYD 24048	28.39 0.09 0.00	25.87 -0.13 -0.01	25.26 -0.15 0.00	23.59 -0.14 0.00	22.16 -0.27 0.00	22.55 -0.25 0.00	20.66 -0.31 -0.08	17.45 -0.21 -0.19	20.43 -0.29 -0.18	25.52 -0.31 -0.01	27.36 -0.25 0.00	28.70 -0.23 0.00	29.81 -0.33 0.00	31.30 -0.19 0.00	31.70 -0.32 0.00	34.99 -0.24 0.00	42.40 -0.25 0.00	43.25 -0.30 -0.04	42.96 0.13 0.00	34.65 0.34 0.00	30.84 0.31 0.00	29.94 0.18 0.00	29.00 0.23 0.00	26.79 0.08 0.00
BEEBEE_GT_13 23619	28.25 -0.14 -0.08	25.79 -0.23 -0.03	24.78 -0.64 0.00	23.04 -0.69 0.00	21.80 -0.63 0.00	22.23 -0.57 0.00	20.90 -0.23 -0.24	18.13 0.07 -0.59	21.19 0.10 -0.56	25.95 0.10 -0.02	27.78 0.17 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.12 0.63 0.00	32.75 0.74 0.00	36.15 0.92 0.00	42.96 0.30 0.00	43.99 0.48 0.00	43.15 0.21 -0.10	34.76 0.45 0.00	31.03 0.27 -0.22	30.27 0.45 -0.06	29.03 0.26 0.00	27.14 0.43 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.35 2.26 -0.78	28.26 2.03 -0.24	27.10 1.68 -0.01	25.28 1.54 -0.01	23.85 1.41 0.00	24.10 1.30 0.00	24.55 1.57 -2.09	24.12 1.50 -5.16	27.19 1.81 -4.85	28.31 2.30 -0.19	30.13 2.51 -0.01	31.49 2.55 -0.01	32.89 2.74 -0.01	34.33 2.83 -0.01	34.94 2.91 -0.01	38.34 3.10 -0.01	46.89 4.22 -0.01	47.83 4.31 -0.01	47.78 3.98 -0.97	37.16 2.85 0.00	35.17 2.60 -2.03	32.70 2.35 -0.58	31.40 2.62 -0.01	28.69 1.98 -0.01
BETHLEHEM___GRP 23843	31.01 1.05 -1.65	27.32 0.99 -0.34	26.20 0.79 0.00	24.46 0.74 0.00	23.20 0.76 0.00	23.51 0.71 0.00	24.37 0.79 -2.68	24.76 0.68 -6.62	27.54 0.78 -6.23	27.07 1.01 -0.24	28.69 1.08 0.00	29.97 1.04 0.00	30.98 0.84 0.00	32.44 0.94 0.00	32.98 0.96 0.00	36.22 0.99 0.00	44.02 1.37 0.00	44.91 1.39 0.00	46.27 1.37 -2.07	35.34 1.03 0.00	35.81 0.92 -4.35	31.91 0.89 -1.25	29.63 0.86 0.00	27.27 0.56 0.00
BETHLEHEM___GS1 323560	31.01 1.05 -1.65	27.32 0.99 -0.34	26.23 0.81 0.00	24.46 0.74 0.00	23.20 0.76 0.00	23.51 0.71 0.00	24.37 0.79 -2.68	24.76 0.68 -6.62	27.54 0.78 -6.23	27.07 1.01 -0.24	28.69 1.08 0.00	29.97 1.04 0.00	30.98 0.84 0.00	32.44 0.94 0.00	32.98 0.96 0.00	36.22 0.99 0.00	44.02 1.36 0.00	44.91 1.39 0.00	46.27 1.37 -2.07	35.34 1.03 0.00	35.84 0.95 -4.35	31.91 0.89 -1.25	29.63 0.86 0.00	27.27 0.56 0.00
BETHLEHEM___GS2 323561	31.01 1.05 -1.65	27.32 0.99 -0.34	26.23 0.81 0.00	24.46 0.74 0.00	23.20 0.76 0.00	23.51 0.71 0.00	24.37 0.79 -2.68	24.76 0.68 -6.62	27.54 0.78 -6.23	27.07 1.01 -0.24	28.69 1.08 0.00	29.97 1.04 0.00	30.98 0.84 0.00	32.44 0.94 0.00	32.98 0.96 0.00	36.22 0.99 0.00	44.02 1.36 0.00	44.91 1.39 0.00	46.27 1.37 -2.07	35.34 1.03 0.00	35.84 0.95 -4.35	31.91 0.89 -1.25	29.63 0.86 0.00	27.27 0.56 0.00
BETHLEHEM___GS3 323562	31.01 1.05 -1.65	27.32 0.99 -0.34	26.23 0.81 0.00	24.46 0.74 0.00	23.20 0.76 0.00	23.51 0.71 0.00	24.37 0.79 -2.68	24.76 0.68 -6.62	27.54 0.78 -6.23	27.07 1.01 -0.24	28.69 1.08 0.00	29.97 1.04 0.00	30.98 0.84 0.00	32.44 0.94 0.00	32.98 0.96 0.00	36.22 0.99 0.00	44.02 1.36 0.00	44.91 1.39 0.00	46.27 1.37 -2.07	35.34 1.03 0.00	35.84 0.95 -4.35	31.91 0.89 -1.25	29.63 0.86 0.00	27.27 0.56 0.00
BETHLEHEM___STEEL 23779	28.00 -0.42 -0.12	25.35 -0.68 -0.04	24.45 -0.97 0.00	22.66 -1.07 0.00	21.58 -0.85 0.00	21.98 -0.82 0.00	20.51 -0.71 -0.33	18.13 -0.14 -0.80	21.13 -0.16 -0.76	25.91 0.05 -0.03	27.66 0.06 0.00	29.25 0.32 0.00	30.56 0.42 0.00	32.03 0.54 0.00	32.62 0.61 0.00	36.08 0.85 0.00	42.36 -0.30 0.00	43.73 0.22 0.00	42.81 -0.17 -0.15	34.69 0.38 0.00	31.01 0.15 -0.32	30.27 0.42 -0.09	28.94 0.17 0.00	27.16 0.45 0.00
BETHLHEM_115KV_TB1 79974	30.99 1.08 -1.61	27.35 1.01 -0.34	26.23 0.81 0.00	24.49 0.76 0.00	23.20 0.76 0.00	23.53 0.73 0.00	24.39 0.81 -2.68	24.78 0.70 -6.61	27.56 0.80 -6.22	27.07 1.01 -0.24	28.69 1.08 0.00	30.00 1.07 0.00	31.04 0.90 0.00	32.50 1.01 0.00	33.04 1.02 0.00	36.29 1.06 0.00	44.11 1.45 0.00	44.99 1.48 0.00	46.30 1.46 -2.01	35.41 1.10 0.00	35.76 0.98 -4.24	31.94 0.95 -1.22	29.69 0.92 0.00	27.32 0.61 0.00
BETHPAGE_CC_5 323564	34.54 2.46 -3.77	33.04 2.29 -4.75	30.24 1.98 -2.84	26.61 1.83 -1.06	24.15 1.70 -0.02	24.51 1.69 -0.02	24.86 1.88 -2.09	28.14 1.73 -8.94	30.17 2.05 -7.59	34.08 2.56 -5.70	35.18 2.62 -4.95	36.44 2.63 -4.88	39.58 2.86 -6.58	43.45 2.96 -9.00	44.60 2.98 -9.61	49.92 3.21 -11.48	53.96 4.18 -7.12	56.09 4.31 -8.27	55.45 4.02 -8.59	41.69 3.05 -4.33	37.56 2.81 -4.21	37.45 2.65 -5.04	35.77 2.76 -4.23	32.89 2.22 -3.97
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.06 -0.37 -0.12	25.35 -0.68 -0.04	24.48 -0.94 0.00	22.71 -1.02 0.00	21.62 -0.81 0.00	22.03 -0.78 0.00	20.49 -0.73 -0.33	18.12 -0.16 -0.81	21.14 -0.16 -0.77	25.98 0.13 -0.03	27.75 0.14 0.00	29.37 0.43 0.00	30.65 0.51 0.00	32.12 0.63 0.00	32.75 0.74 0.00	36.22 0.99 0.00	42.53 -0.13 0.00	43.90 0.39 0.00	42.98 0.00 -0.15	34.79 0.48 0.00	31.11 0.24 -0.32	30.36 0.51 -0.09	29.00 0.23 0.00	27.22 0.51 0.00
BINGHAMTON___COGEN 23790	28.85 0.28 -0.26	26.19 0.13 -0.07	25.37 -0.05 0.00	23.66 -0.07 0.00	22.34 -0.09 0.00	22.73 -0.07 0.00	21.51 0.00 -0.62	19.19 0.21 -1.52	22.23 0.27 -1.43	26.29 0.41 -0.05	28.05 0.44 0.00	29.45 0.52 0.00	30.74 0.60 0.00	32.25 0.76 0.00	32.78 0.77 0.00	36.15 0.92 0.00	43.51 0.85 0.00	44.50 0.96 -0.03	44.01 0.86 -0.32	35.13 0.82 0.00	31.82 0.61 -0.67	30.58 0.63 -0.19	29.35 0.58 0.00	27.22 0.51 0.00
BIXINCNT_115KV_LOAD 355685	27.90 -0.54 -0.13	25.15 -0.88 -0.04	24.35 -1.07 0.00	22.61 -1.12 0.00	21.60 -0.83 0.00	22.05 -0.75 0.00	20.43 -0.81 -0.35	18.17 -0.16 -0.86	21.20 -0.14 -0.81	26.17 0.31 -0.03	27.97 0.36 0.00	29.57 0.64 0.00	30.86 0.72 0.00	32.31 0.82 0.00	32.94 0.93 0.00	36.32 1.09 0.00	42.79 0.13 0.00	44.12 0.61 0.00	43.21 0.21 -0.16	35.00 0.69 0.00	31.28 0.40 -0.35	30.49 0.63 -0.10	29.06 0.29 0.00	27.24 0.53 0.00
BLACK RIVER___HYD 24047	28.62 0.31 0.00	26.03 0.03 -0.01	25.37 -0.05 0.00	23.66 -0.07 0.00	22.16 -0.27 0.00	22.55 -0.25 0.00	20.71 -0.29 -0.10	17.64 -0.09 -0.26	20.57 -0.21 -0.24	25.63 -0.21 -0.01	27.53 -0.08 0.00	28.85 -0.09 0.00	29.87 -0.27 0.00	31.46 -0.03 0.00	31.83 -0.19 0.00	35.20 -0.04 0.00	42.66 0.00 0.00	43.54 -0.04 -0.07	43.39 0.56 0.00	35.10 0.79 0.00	31.24 0.70 0.00	30.30 0.54 0.00	29.35 0.58 0.00	26.98 0.27 0.00

BLACKRVR_115KV_TB2 79977	28.62 0.31 0.00	26.03 0.03 -0.01	25.37 -0.05 0.00	23.66 -0.07 0.00	22.16 -0.27 0.00	22.55 -0.25 0.00	20.71 -0.29 -0.10	17.64 -0.09 -0.26	20.57 -0.21 -0.24	25.63 -0.21 -0.01	27.53 -0.08 0.00	28.85 -0.09 0.00	29.87 -0.27 0.00	31.46 -0.03 0.00	31.82 -0.19 0.00	35.20 -0.04 0.00	42.66 0.00 0.00	43.54 -0.04 -0.07	43.39 0.56 0.00	35.10 0.79 0.00	31.21 0.67 0.00	30.30 0.54 0.00	29.35 0.58 0.00	26.98 0.27 0.00
BLISS_WT_PWR 323608	27.81 -0.62 -0.13	25.18 -0.86 -0.04	24.27 -1.14 0.00	22.54 -1.19 0.00	21.56 -0.88 0.00	22.00 -0.80 0.00	20.41 -0.84 -0.35	18.17 -0.16 -0.86	21.20 -0.14 -0.81	26.17 0.31 -0.03	27.97 0.36 0.00	29.60 0.67 0.00	30.89 0.75 0.00	32.31 0.82 0.00	32.95 0.93 0.00	36.29 1.06 0.00	42.70 0.04 0.00	44.04 0.52 0.00	43.21 0.22 -0.16	35.00 0.69 0.00	31.46 0.58 -0.35	30.49 0.63 -0.10	29.03 0.26 0.00	27.19 0.48 0.00
BLUE_CIRC_CHEM_DRP 24182	31.11 1.39 -1.42	27.62 1.30 -0.32	26.53 1.12 0.00	24.77 1.04 0.00	23.46 1.03 0.00	23.81 1.00 0.00	24.55 1.02 -2.63	24.83 0.87 -6.49	27.65 1.01 -6.11	27.35 1.29 -0.23	28.96 1.35 0.00	30.29 1.36 0.00	31.46 1.33 0.00	32.94 1.45 0.00	33.46 1.44 0.00	36.78 1.55 0.00	44.66 2.00 0.00	45.60 2.09 0.00	46.66 2.06 -1.77	35.92 1.61 0.00	35.71 1.44 -3.74	32.27 1.43 -1.08	30.12 1.35 0.00	27.75 1.04 0.00
BOC_GAS_DRP 24189	30.74 1.05 -1.38	27.31 0.99 -0.33	26.26 0.84 0.00	24.51 0.78 0.00	23.17 0.74 0.00	23.53 0.73 0.00	24.36 0.79 -2.67	24.75 0.70 -6.58	27.55 0.82 -6.20	27.09 1.03 -0.24	28.69 1.08 0.00	30.03 1.10 0.00	31.19 1.05 0.00	32.63 1.13 0.00	33.17 1.15 0.00	36.43 1.20 0.00	44.28 1.62 0.00	45.17 1.65 0.00	46.15 1.58 -1.73	35.54 1.24 0.00	35.25 1.07 -3.64	31.85 1.04 -1.05	29.81 1.04 0.00	27.46 0.75 0.00
BOONVILLE_115KV_TB1 79983	28.96 0.65 0.00	26.44 0.44 -0.01	25.77 0.36 0.00	24.06 0.33 0.00	22.63 0.20 0.00	23.01 0.21 0.00	21.15 0.19 -0.07	17.91 0.28 -0.16	21.00 0.31 -0.15	26.27 0.44 -0.01	28.13 0.52 0.00	29.51 0.58 0.00	30.74 0.60 0.00	32.31 0.82 0.00	32.75 0.74 0.00	36.15 0.92 0.00	43.77 1.11 0.00	44.57 1.04 -0.02	44.07 1.24 0.00	35.34 1.03 0.00	31.42 0.89 0.00	30.54 0.77 0.00	29.55 0.78 0.00	27.27 0.56 0.00
BORALEX_4TH_BRANCH 23824	32.09 1.81 -1.97	28.04 1.69 -0.36	26.89 1.47 0.00	25.10 1.38 0.00	23.76 1.32 0.00	24.12 1.32 0.00	24.92 1.36 -2.67	25.18 1.13 -6.58	28.07 1.33 -6.20	27.74 1.68 -0.24	29.32 1.71 0.00	30.61 1.68 0.00	31.91 1.78 0.00	33.51 2.02 0.00	34.00 1.99 0.00	37.24 2.01 0.00	45.43 2.77 0.00	46.26 2.74 0.00	48.08 2.78 -2.46	36.51 2.20 0.00	37.71 1.98 -5.19	33.13 1.88 -1.49	30.58 1.81 0.00	28.18 1.47 0.00
BOWLINE___1 23526	30.57 1.53 -0.74	27.62 1.40 -0.23	26.53 1.12 0.00	24.77 1.04 0.00	23.40 0.96 0.00	23.74 0.94 0.00	24.07 1.17 -2.01	23.54 1.12 -4.95	26.53 1.33 -4.66	27.71 1.70 -0.18	29.35 1.74 0.00	30.70 1.77 0.00	32.04 1.90 0.00	33.51 2.02 0.00	34.10 2.08 0.00	37.45 2.22 0.00	45.60 2.94 0.00	46.51 3.00 0.00	46.50 2.74 -0.92	36.40 2.09 0.00	34.35 1.86 -1.94	32.05 1.73 -0.56	30.55 1.78 0.00	28.04 1.33 0.00
BOWLINE___2 23595	30.57 1.53 -0.74	27.62 1.40 -0.23	26.53 1.12 0.00	24.77 1.04 0.00	23.40 0.96 0.00	23.74 0.94 0.00	24.07 1.17 -2.01	23.54 1.12 -4.95	26.53 1.33 -4.66	27.71 1.70 -0.18	29.35 1.74 0.00	30.70 1.77 0.00	32.07 1.93 0.00	33.51 2.02 0.00	34.10 2.08 0.00	37.45 2.22 0.00	45.60 2.94 0.00	46.51 3.00 0.00	46.50 2.74 -0.92	36.40 2.09 0.00	34.35 1.86 -1.94	32.05 1.73 -0.56	30.55 1.78 0.00	28.04 1.33 0.00
BRADY___115KV_TB2 356060	28.39 0.08 0.00	25.99 0.00 0.00	25.67 0.25 0.00	23.97 0.24 0.00	22.66 0.22 0.00	23.05 0.25 0.00	20.89 0.00 0.00	17.22 -0.24 0.00	20.25 -0.29 0.00	25.52 -0.31 0.00	27.33 -0.28 0.00	28.67 -0.26 0.00	29.84 -0.30 0.00	31.08 -0.41 0.00	31.57 -0.45 0.00	34.81 -0.42 0.00	42.06 -0.60 0.00	42.95 -0.57 0.00	42.49 -0.34 0.00	34.14 -0.17 0.00	30.48 -0.06 0.00	29.59 -0.18 0.00	28.60 -0.17 0.00	26.84 0.13 0.00
BRANSCOMB___SOLAR 323811	32.61 1.93 -2.38	28.13 1.74 -0.40	26.97 1.55 0.00	25.15 1.42 0.00	23.80 1.37 0.00	24.15 1.35 0.00	25.00 1.34 -2.76	25.39 1.10 -6.82	28.27 1.32 -6.42	27.77 1.70 -0.25	29.32 1.71 0.00	30.70 1.77 0.00	32.01 1.87 0.00	33.48 1.99 0.00	34.03 2.02 0.00	37.38 2.15 0.00	45.39 2.73 0.00	46.30 2.79 0.00	48.81 3.00 -2.98	36.71 2.40 0.00	39.13 2.32 -6.27	33.86 2.29 -1.81	30.81 2.04 0.00	28.31 1.60 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.10 3.03 -3.77	33.45 2.70 -4.75	30.64 2.39 -2.84	26.99 2.21 -1.06	24.51 2.06 -0.02	24.87 2.05 -0.02	25.20 2.21 -2.09	28.42 2.01 -8.94	30.52 2.40 -7.59	34.60 3.07 -5.70	35.76 3.20 -4.95	36.99 3.18 -4.88	40.18 3.47 -6.58	44.12 3.62 -9.00	45.31 3.68 -9.61	50.66 3.95 -11.48	54.90 5.12 -7.12	57.09 5.31 -8.27	56.52 5.05 -8.64	43.42 3.88 -5.23	39.41 3.42 -5.45	38.46 3.27 -5.42	36.37 3.37 -4.23	33.51 2.83 -3.97
BRISTLHL_115KV_TB1 79998	27.80 -0.51 0.00	25.49 -0.52 -0.01	24.76 -0.66 0.00	23.09 -0.64 0.00	21.80 -0.63 0.00	22.19 -0.62 0.00	20.57 -0.48 -0.16	17.61 -0.24 -0.39	20.62 -0.29 -0.37	25.45 -0.39 -0.01	27.22 -0.39 0.00	28.56 -0.38 0.00	29.75 -0.39 0.00	31.18 -0.31 0.00	31.73 -0.29 0.00	34.95 -0.28 0.00	42.23 -0.43 0.00	43.17 -0.48 -0.14	42.36 -0.47 0.00	34.00 -0.31 0.00	30.20 -0.34 0.00	29.44 -0.33 0.00	28.42 -0.35 0.00	26.33 -0.37 0.00
BROOKHAVEN___DRP 24191	35.22 3.14 -3.77	33.56 2.81 -4.75	30.74 2.49 -2.84	27.04 2.25 -1.06	24.58 2.13 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.85 3.29 -4.95	36.91 3.10 -4.88	40.33 3.62 -6.58	44.25 3.75 -9.01	45.38 3.75 -9.62	50.66 3.95 -11.49	54.94 5.16 -7.12	57.22 5.44 -8.27	56.85 5.18 -8.83	47.31 4.05 -8.95	44.59 3.54 -10.51	40.21 3.42 -7.02	36.51 3.51 -4.23	33.69 3.02 -3.97
BROOKLYN_NAVY_YARD 23515	30.83 1.76 -0.77	27.81 1.59 -0.23	26.69 1.27 0.00	24.89 1.16 0.00	23.49 1.05 0.00	23.83 1.03 0.00	24.32 1.34 -2.09	23.95 1.33 -5.16	27.01 1.62 -4.85	28.05 2.04 -0.19	29.71 2.10 0.00	31.02 2.08 0.00	32.43 2.29 0.00	33.86 2.36 0.00	34.39 2.37 0.00	37.77 2.54 0.00	46.11 3.45 0.00	47.04 3.52 0.00	47.01 3.21 -0.96	36.64 2.33 0.00	34.70 2.14 -2.02	32.25 1.91 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
BROOKLYN___ARMY_DRP 323595	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01

BROOKVLE_69_KV_TB1 55790	34.43 2.35 -3.77	32.88 2.13 -4.75	30.08 1.83 -2.84	26.49 1.71 -1.06	24.04 1.59 -0.02	24.39 1.57 -0.02	24.76 1.78 -2.09	28.05 1.64 -8.94	30.09 1.97 -7.59	34.03 2.51 -5.70	35.10 2.54 -4.95	36.44 2.63 -4.88	39.55 2.83 -6.58	43.45 2.96 -9.00	44.67 3.04 -9.61	49.95 3.24 -11.48	54.00 4.22 -7.12	56.09 4.31 -8.27	55.48 4.07 -8.58	41.54 3.05 -4.17	37.26 2.72 -4.01	37.29 2.56 -4.97	35.68 2.68 -4.23	32.81 2.14 -3.96
BROOME_2_LFGE 323671	28.85 0.28 -0.26	26.22 0.16 -0.07	25.39 -0.03 0.00	23.66 -0.07 0.00	22.37 -0.07 0.00	22.73 -0.07 0.00	21.51 0.00 -0.62	19.19 0.21 -1.52	22.23 0.27 -1.43	26.29 0.41 -0.05	28.05 0.44 0.00	29.48 0.55 0.00	30.77 0.63 0.00	32.25 0.75 0.00	32.78 0.77 0.00	36.15 0.91 0.00	43.47 0.81 0.00	44.46 0.92 -0.03	44.01 0.86 -0.32	35.13 0.82 0.00	31.88 0.67 -0.67	30.58 0.63 -0.19	29.35 0.58 0.00	27.21 0.51 0.00
BROOME__LFGE 323600	28.85 0.28 -0.26	26.22 0.16 -0.07	25.39 -0.03 0.00	23.66 -0.07 0.00	22.37 -0.07 0.00	22.73 -0.07 0.00	21.51 0.00 -0.62	19.19 0.21 -1.52	22.23 0.27 -1.43	26.29 0.41 -0.05	28.05 0.44 0.00	29.48 0.55 0.00	30.77 0.63 0.00	32.25 0.75 0.00	32.78 0.77 0.00	36.15 0.91 0.00	43.47 0.81 0.00	44.46 0.92 -0.03	44.01 0.86 -0.32	35.13 0.82 0.00	31.88 0.67 -0.67	30.58 0.63 -0.19	29.35 0.58 0.00	27.21 0.51 0.00
BROWNFLS_115KV_TB_3_5 80003	28.02 -0.28 0.00	25.61 -0.39 0.00	25.14 -0.28 0.00	23.47 -0.26 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.57 -0.38 -0.05	17.20 -0.40 -0.13	20.17 -0.49 -0.13	25.29 -0.54 0.00	27.11 -0.50 0.00	28.44 -0.49 0.00	29.53 -0.60 0.00	30.93 -0.57 0.00	31.38 -0.64 0.00	34.60 -0.63 0.00	41.89 -0.77 0.00	42.72 -0.83 -0.03	42.36 -0.47 0.00	34.10 -0.21 0.00	30.39 -0.15 0.00	29.50 -0.27 0.00	28.54 -0.23 0.00	26.57 -0.13 0.00
BROWNSV1_27_KV_LOAD 356125	31.11 2.04 -0.77	28.07 1.85 -0.23	26.94 1.52 0.00	25.13 1.40 0.00	23.71 1.28 0.00	24.06 1.25 0.00	24.51 1.53 -2.09	24.11 1.48 -5.16	27.17 1.79 -4.85	28.28 2.27 -0.19	30.01 2.40 0.00	31.36 2.43 0.00	32.79 2.65 0.00	34.23 2.74 0.00	34.80 2.79 0.00	38.19 2.96 0.00	46.63 3.97 0.00	47.56 4.05 0.00	47.56 3.77 -0.96	37.05 2.74 0.00	35.04 2.47 -2.02	32.64 2.29 -0.58	31.22 2.45 0.00	28.55 1.84 0.00
BURROWS__LYONSDAL 23803	28.82 0.51 0.00	26.29 0.29 -0.01	25.65 0.23 0.00	23.92 0.19 0.00	22.50 0.07 0.00	22.89 0.09 0.00	21.00 0.04 -0.07	17.79 0.16 -0.17	20.84 0.14 -0.16	26.06 0.23 -0.01	27.94 0.33 0.00	29.31 0.38 0.00	30.50 0.36 0.00	32.06 0.57 0.00	32.50 0.48 0.00	35.87 0.63 0.00	43.43 0.77 0.00	44.23 0.70 -0.02	43.77 0.94 0.00	35.17 0.86 0.00	31.24 0.70 0.00	30.36 0.60 0.00	29.40 0.63 0.00	27.14 0.43 0.00
CAITHNESS_CC_1 323624	35.11 3.03 -3.77	33.45 2.70 -4.75	30.67 2.42 -2.84	26.97 2.18 -1.06	24.49 2.04 -0.02	24.85 2.03 -0.02	25.18 2.19 -2.09	28.40 1.99 -8.94	30.52 2.40 -7.59	34.60 3.07 -5.70	35.73 3.17 -4.95	36.82 3.01 -4.88	40.18 3.46 -6.58	44.12 3.62 -9.01	45.25 3.62 -9.62	50.56 3.84 -11.49	54.72 4.95 -7.12	57.00 5.22 -8.27	56.63 4.97 -8.83	47.11 3.88 -8.93	44.44 3.42 -10.48	40.05 3.27 -7.01	36.43 3.42 -4.23	33.56 2.89 -3.97
CALPINE BETH_PAGE_GT4 24209	34.51 2.43 -3.77	33.04 2.29 -4.75	30.23 1.98 -2.84	26.63 1.85 -1.06	24.18 1.73 -0.02	24.53 1.71 -0.02	24.88 1.90 -2.09	28.16 1.75 -8.94	30.15 2.03 -7.59	34.03 2.51 -5.70	35.13 2.57 -4.95	36.41 2.60 -4.88	39.55 2.83 -6.58	43.42 2.93 -9.00	44.60 2.98 -9.61	49.88 3.17 -11.48	53.91 4.14 -7.12	56.05 4.26 -8.27	55.40 3.98 -8.59	41.63 3.02 -4.30	37.47 2.75 -4.18	37.38 2.59 -5.03	35.68 2.68 -4.23	32.84 2.16 -3.97
CALPINE_BETH_PAGE_GT_4 323586	34.51 2.43 -3.77	33.04 2.29 -4.75	30.26 2.01 -2.84	26.64 1.85 -1.06	24.18 1.73 -0.02	24.53 1.71 -0.02	24.88 1.90 -2.09	28.16 1.75 -8.94	30.15 2.03 -7.59	34.03 2.50 -5.70	35.13 2.57 -4.95	36.42 2.61 -4.88	39.52 2.80 -6.58	43.42 2.93 -9.00	44.60 2.98 -9.61	49.88 3.17 -11.48	53.91 4.14 -7.12	56.05 4.27 -8.27	55.40 3.98 -8.59	41.63 3.02 -4.30	37.50 2.78 -4.18	37.38 2.59 -5.03	35.71 2.70 -4.23	32.84 2.16 -3.97
CALPINE_BP_GT1 23823	34.51 2.43 -3.77	33.04 2.29 -4.75	30.26 2.01 -2.84	26.64 1.85 -1.06	24.18 1.73 -0.02	24.53 1.71 -0.02	24.88 1.90 -2.09	28.16 1.75 -8.94	30.15 2.03 -7.59	34.03 2.50 -5.70	35.13 2.57 -4.95	36.42 2.61 -4.88	39.52 2.80 -6.58	43.42 2.93 -9.00	44.60 2.98 -9.61	49.88 3.17 -11.48	53.91 4.14 -7.12	56.05 4.27 -8.27	55.40 3.98 -8.59	41.63 3.02 -4.30	37.50 2.78 -4.18	37.38 2.59 -5.03	35.71 2.70 -4.23	32.84 2.16 -3.97
CALSPAN__DRP 24200	28.00 -0.42 -0.12	25.35 -0.68 -0.04	24.45 -0.97 0.00	22.66 -1.07 0.00	21.58 -0.85 0.00	21.98 -0.82 0.00	20.51 -0.71 -0.33	18.13 -0.14 -0.80	21.13 -0.16 -0.76	25.91 0.05 -0.03	27.66 0.06 0.00	29.25 0.32 0.00	30.56 0.42 0.00	32.03 0.54 0.00	32.62 0.61 0.00	36.08 0.85 0.00	42.36 0.30 0.00	43.73 0.22 0.00	42.81 -0.17 -0.15	34.69 0.38 0.00	31.01 0.15 -0.32	30.27 0.42 -0.09	28.94 0.17 0.00	27.16 0.45 0.00
CALVERTON__SOLAR 323806	35.39 3.31 -3.77	33.71 2.96 -4.75	30.89 2.64 -2.84	27.18 2.40 -1.06	24.69 2.24 -0.02	25.05 2.24 -0.02	25.34 2.36 -2.09	28.56 2.15 -8.94	30.71 2.59 -7.59	34.88 3.36 -5.70	36.01 3.45 -4.95	37.05 3.24 -4.88	40.51 3.80 -6.58	44.47 3.97 -9.01	45.60 3.97 -9.62	50.91 4.19 -11.49	55.15 5.37 -7.12	57.53 5.74 -8.27	57.15 5.48 -8.84	47.60 4.32 -8.97	44.85 3.79 -10.53	40.42 3.63 -7.02	36.77 3.77 -4.23	33.88 3.20 -3.97
CANDIGU_WT_PWR 323617	28.36 -0.11 -0.16	25.73 -0.31 -0.05	24.83 -0.58 0.00	23.09 -0.64 0.00	21.89 -0.54 0.00	22.30 -0.50 0.00	20.94 -0.38 -0.43	18.55 0.04 -1.05	21.59 0.06 -0.99	26.12 0.26 -0.04	27.86 0.25 0.00	29.39 0.46 0.00	30.71 0.57 0.00	32.18 0.69 0.00	32.75 0.74 0.00	36.15 0.91 0.00	42.96 0.30 0.00	44.18 0.65 -0.02	43.55 0.52 -0.21	35.10 0.79 0.00	31.64 0.67 -0.43	30.60 0.71 -0.13	29.32 0.55 0.00	27.35 0.64 0.00
CARR STREET_E_SYR 24060	28.05 -0.26 0.00	25.72 -0.29 -0.02	24.98 -0.43 0.00	23.28 -0.45 0.00	21.98 -0.45 0.00	22.37 -0.43 0.00	20.78 -0.29 -0.18	17.82 -0.09 -0.44	20.85 -0.10 -0.42	25.71 -0.13 -0.02	27.50 -0.11 0.00	28.79 -0.14 0.00	29.93 -0.21 0.00	31.40 -0.09 0.00	31.95 -0.06 0.00	35.20 -0.04 0.00	42.49 -0.17 0.00	43.34 -0.22 -0.04	42.62 -0.21 0.00	34.17 -0.14 0.00	30.39 -0.15 0.00	29.56 -0.21 0.00	28.54 -0.23 0.00	26.47 -0.24 0.00
CARTHAGE__PAPER 23857	28.45 0.14 0.00	25.92 -0.08 -0.01	25.29 -0.13 0.00	23.61 -0.12 0.00	22.16 -0.27 0.00	22.55 -0.25 0.00	20.67 -0.31 -0.09	17.51 -0.19 -0.23	20.45 -0.31 -0.22	25.50 -0.34 -0.01	27.36 -0.25 0.00	28.70 -0.23 0.00	29.74 -0.39 0.00	31.24 -0.25 0.00	31.63 -0.38 0.00	34.95 -0.28 0.00	42.36 -0.30 0.00	43.27 -0.30 -0.06	43.09 0.26 0.00	34.79 0.48 0.00	30.97 0.43 0.00	30.06 0.30 0.00	29.12 0.35 0.00	26.87 0.16 0.00

CASSADAGA_WT_PWR 323784	28.58 0.14 -0.13	25.88 -0.16 -0.04	24.83 -0.58 0.00	23.04 -0.69 0.00	21.98 -0.45 0.00	22.44 -0.37 0.00	21.05 -0.19 -0.34	18.76 0.45 -0.84	21.90 0.57 -0.79	27.02 1.16 -0.03	28.82 1.21 0.00	30.58 1.65 0.00	31.91 1.78 0.00	33.45 1.95 0.00	34.07 2.05 0.00	37.35 2.11 0.00	43.85 1.19 0.00	45.30 1.78 0.00	44.40 1.41 -0.16	35.89 1.58 0.00	32.22 1.34 -0.34	31.29 1.43 -0.10	29.84 1.07 0.00	27.86 1.15 0.00
CE_DUNWOOD___DRP 24194	30.77 1.70 -0.77	27.79 1.56 -0.23	26.71 1.30 0.00	24.91 1.19 0.00	23.53 1.10 0.00	23.90 1.09 0.00	24.29 1.32 -2.08	23.85 1.24 -5.14	26.87 1.50 -4.84	27.92 1.91 -0.18	29.57 1.96 0.00	30.93 2.00 0.00	32.28 2.14 0.00	33.76 2.27 0.00	34.32 2.31 0.00	37.70 2.47 0.00	45.94 3.28 0.00	46.86 3.35 0.00	46.92 3.13 -0.96	36.64 2.33 0.00	34.63 2.08 -2.02	32.28 1.93 -0.58	30.76 1.99 0.00	28.23 1.52 0.00
CE_MILLWOOD___DRP 24193	30.71 1.64 -0.76	27.73 1.51 -0.23	26.66 1.25 0.00	24.87 1.14 0.00	23.51 1.08 0.00	23.85 1.05 0.00	24.22 1.25 -2.07	23.77 1.19 -5.11	26.79 1.44 -4.81	27.84 1.83 -0.18	29.49 1.88 0.00	30.84 1.91 0.00	32.22 2.08 0.00	33.67 2.17 0.00	34.26 2.24 0.00	37.59 2.36 0.00	45.81 3.16 0.00	46.73 3.22 0.00	46.78 3.00 -0.95	36.54 2.23 0.00	34.53 1.99 -2.01	32.19 1.85 -0.58	30.67 1.90 0.00	28.15 1.44 0.00
CE_NYC2_DRP 24202	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.26 2.31 -0.01	32.65 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.31 3.79 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.89 2.32 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
CE_NYC_DRP 24195	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.36 1.38 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.08 2.07 -0.19	29.79 2.18 0.00	31.13 2.20 0.00	32.52 2.38 0.00	33.95 2.46 0.00	34.51 2.50 0.00	37.87 2.64 0.00	46.24 3.58 0.00	47.17 3.66 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.76 2.20 -2.02	32.40 2.05 -0.58	30.99 2.22 0.00	28.34 1.63 0.00
CHAFFEE___LFGE 323603	28.04 -0.40 -0.13	25.41 -0.62 -0.04	24.45 -0.97 0.00	22.68 -1.04 0.00	21.60 -0.83 0.00	22.00 -0.80 0.00	20.52 -0.71 -0.34	18.16 -0.14 -0.83	21.18 -0.14 -0.78	25.99 0.13 -0.03	27.75 0.14 0.00	29.39 0.46 0.00	30.71 0.57 0.00	32.12 0.63 0.00	32.75 0.74 0.00	36.18 0.95 0.00	42.49 -0.17 0.00	43.86 0.35 0.00	42.99 0.00 -0.16	34.82 0.52 0.00	31.33 0.46 -0.33	30.37 0.51 -0.10	29.00 0.23 0.00	27.21 0.51 0.00
CHATEAUG_35_KV_LOAD 355732	28.00 -0.31 0.00	25.66 -0.34 0.00	25.29 -0.13 0.00	23.56 -0.17 0.00	22.32 -0.11 0.00	22.73 -0.07 0.00	20.66 -0.23 0.00	17.08 -0.38 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.28 -0.33 0.00	28.59 -0.35 0.00	29.72 -0.42 0.00	30.93 -0.57 0.00	31.47 -0.54 0.00	34.67 -0.56 0.00	41.89 -0.77 0.00	42.82 -0.70 0.00	42.19 -0.64 0.00	33.86 -0.45 0.00	30.20 -0.34 0.00	29.29 -0.48 0.00	28.22 -0.55 0.00	26.41 -0.29 0.00
CHATEAUG_WT_PWR 323614	27.97 -0.34 0.00	25.65 -0.34 0.00	25.24 -0.18 0.00	23.51 -0.21 0.00	22.30 -0.13 0.00	22.69 -0.11 0.00	20.64 -0.25 0.00	17.08 -0.38 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.31 -0.30 0.00	28.62 -0.32 0.00	29.74 -0.39 0.00	30.96 -0.54 0.00	31.50 -0.51 0.00	34.70 -0.53 0.00	41.93 -0.73 0.00	42.86 -0.65 0.00	42.23 -0.60 0.00	33.86 -0.45 0.00	30.17 -0.37 0.00	29.29 -0.48 0.00	28.22 -0.55 0.00	26.39 -0.32 0.00
CHAT_HIGH_FALL_HYD 323578	28.00 -0.31 0.00	25.65 -0.34 0.00	25.29 -0.13 0.00	23.56 -0.16 0.00	22.32 -0.11 0.00	22.73 -0.07 0.00	20.66 -0.23 0.00	17.08 -0.38 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.28 -0.33 0.00	28.59 -0.35 0.00	29.72 -0.42 0.00	30.93 -0.57 0.00	31.47 -0.54 0.00	34.67 -0.57 0.00	41.89 -0.77 0.00	42.82 -0.70 0.00	42.19 -0.64 0.00	33.86 -0.45 0.00	30.17 -0.37 0.00	29.29 -0.48 0.00	28.22 -0.55 0.00	26.42 -0.29 0.00
CHAUTAUQUA___LFGE 323629	28.35 -0.08 -0.13	25.69 -0.34 -0.04	24.68 -0.74 0.00	22.90 -0.83 0.00	21.83 -0.60 0.00	22.25 -0.55 0.00	20.81 -0.42 -0.34	18.47 0.17 -0.83	21.54 0.23 -0.78	26.45 0.59 -0.03	28.22 0.61 0.00	29.89 0.95 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.30 1.28 0.00	36.82 1.59 0.00	43.25 0.60 0.00	44.60 1.09 0.00	43.71 0.73 -0.16	35.37 1.06 0.00	31.78 0.92 -0.33	30.84 0.98 -0.09	29.43 0.66 0.00	27.54 0.83 0.00
CHERRYST_13_KV_LD 356241	30.97 1.90 -0.77	27.94 1.72 -0.23	26.84 1.42 0.00	25.03 1.31 0.00	23.62 1.19 0.00	23.97 1.16 0.00	24.42 1.44 -2.09	24.04 1.41 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.87 2.26 0.00	31.25 2.31 0.00	32.64 2.50 0.00	34.07 2.58 0.00	34.64 2.63 0.00	38.02 2.78 0.00	46.45 3.80 0.00	47.39 3.87 0.00	47.35 3.55 -0.96	36.88 2.57 0.00	34.88 2.32 -2.02	32.49 2.14 -0.58	31.07 2.30 0.00	28.42 1.71 0.00
CHESTROR_138KV_BK263 355645	30.34 1.33 -0.70	27.43 1.22 -0.21	26.38 0.97 0.00	24.65 0.93 0.00	23.28 0.85 0.00	23.62 0.82 0.00	23.81 1.02 -1.90	23.11 0.96 -4.68	26.07 1.13 -4.41	27.44 1.45 -0.17	29.07 1.46 0.00	30.41 1.48 0.00	31.76 1.63 0.00	33.22 1.73 0.00	33.78 1.76 0.00	37.13 1.90 0.00	45.17 2.52 0.00	46.12 2.61 0.00	46.10 2.40 -0.87	36.13 1.82 0.00	33.99 1.62 -1.84	31.81 1.52 -0.53	30.29 1.52 0.00	27.86 1.15 0.00
CH_MIDHUDSON___DRP 24192	30.74 1.64 -0.79	27.74 1.51 -0.24	26.66 1.25 0.00	24.89 1.16 0.00	23.51 1.08 0.00	23.87 1.07 0.00	24.26 1.23 -2.14	23.86 1.12 -5.28	26.86 1.36 -4.97	27.75 1.73 -0.19	29.35 1.74 0.00	30.67 1.74 0.00	32.04 1.90 0.00	33.51 2.02 0.00	34.07 2.05 0.00	37.42 2.18 0.00	45.64 2.99 0.00	46.56 3.05 0.00	46.69 2.87 -0.99	36.47 2.16 0.00	34.55 1.92 -2.09	32.15 1.79 -0.60	30.55 1.78 0.00	28.07 1.36 0.00
CH_MISC_IPPS 23765	30.87 1.78 -0.78	27.87 1.64 -0.24	26.76 1.35 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.28 1.30 -2.09	23.79 1.17 -5.16	26.81 1.42 -4.86	27.82 1.81 -0.19	29.43 1.82 0.00	30.76 1.82 0.00	32.16 2.02 0.00	33.64 2.14 0.00	34.22 2.21 0.00	37.63 2.40 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.89 3.09 -0.97	36.67 2.37 0.00	34.69 2.11 -2.04	32.29 1.93 -0.59	30.67 1.90 0.00	28.18 1.47 0.00
CH_RES_BVR_FALLS 23983	27.77 -0.54 0.00	25.47 -0.52 0.00	24.98 -0.43 0.00	23.35 -0.38 0.00	22.10 -0.34 0.00	22.48 -0.32 0.00	20.56 -0.34 0.00	17.13 -0.33 0.00	20.18 -0.35 0.00	25.44 -0.39 0.00	27.22 -0.39 0.00	28.56 -0.38 0.00	29.74 -0.39 0.00	31.02 -0.47 0.00	31.54 -0.48 0.00	34.74 -0.49 0.00	42.06 -0.60 0.00	42.90 -0.61 0.00	42.27 -0.56 0.00	33.83 -0.48 0.00	30.08 -0.46 0.00	29.29 -0.48 0.00	28.28 -0.49 0.00	26.31 -0.40 0.00

CH_RES_NIAGARA 23895	27.34 -1.08 -0.11	24.86 -1.17 -0.03	23.92 -1.50 0.00	22.16 -1.57 0.00	20.86 -1.57 0.00	21.48 -1.32 0.00	20.11 -1.09 -0.30	17.63 -0.58 -0.74	20.53 -0.70 -0.70	24.95 -0.90 -0.03	26.62 -0.99 0.00	28.18 -0.75 0.00	29.45 -0.69 0.00	30.74 -0.76 0.00	31.34 -0.67 0.00	34.60 -0.63 0.00	40.53 -2.13 0.00	41.77 -1.74 0.00	41.00 -1.97 -0.14	33.31 -1.00 0.00	29.97 -0.85 -0.29	29.07 -0.77 -0.08	27.82 -0.95 0.00	26.33 -0.37 0.00
CH_RES_SYRACUSE 23985	28.25 -0.06 0.00	25.88 -0.13 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.12 -0.31 0.00	22.51 -0.30 0.00	20.93 -0.17 -0.20	17.98 0.02 -0.49	21.02 0.02 -0.47	25.89 0.05 -0.02	27.69 0.08 0.00	29.05 0.12 0.00	30.29 0.15 0.00	31.81 0.31 0.00	32.34 0.32 0.00	35.66 0.42 0.00	43.04 0.38 0.00	43.94 0.35 -0.08	43.13 0.30 0.00	34.62 0.31 0.00	30.75 0.22 0.00	29.91 0.15 0.00	28.89 0.12 0.00	26.79 0.08 0.00
CLINTON_WT_PWR 323605	27.97 -0.34 0.00	25.65 -0.34 0.00	25.24 -0.18 0.00	23.51 -0.21 0.00	22.30 -0.13 0.00	22.69 -0.11 0.00	20.64 -0.25 0.00	17.08 -0.38 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.31 -0.30 0.00	28.62 -0.32 0.00	29.74 -0.39 0.00	30.96 -0.54 0.00	31.50 -0.51 0.00	34.70 -0.53 0.00	41.93 -0.73 0.00	42.86 -0.65 0.00	42.23 -0.60 0.00	33.86 -0.45 0.00	30.17 -0.37 0.00	29.29 -0.48 0.00	28.22 -0.55 0.00	26.39 -0.32 0.00
CLINTON___LFGE 323618	28.22 -0.08 0.00	25.84 -0.16 0.00	25.42 0.00 0.00	23.66 -0.07 0.00	22.43 0.00 0.00	22.85 0.05 0.00	20.79 -0.10 0.00	17.20 -0.26 0.00	20.33 -0.21 0.00	25.65 -0.18 0.00	27.53 -0.08 0.00	28.85 -0.09 0.00	29.99 -0.15 0.00	31.21 -0.28 0.00	31.76 -0.26 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.24 -0.07 0.00	30.51 -0.03 0.00	29.59 -0.18 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00
COBBLENY_34_KV_TB1 80064	28.04 -0.40 -0.13	25.36 -0.68 -0.04	24.45 -0.97 0.00	22.68 -1.04 0.00	21.60 -0.83 0.00	22.00 -0.80 0.00	20.52 -0.71 -0.34	18.16 -0.14 -0.83	21.17 -0.14 -0.78	25.98 0.13 -0.03	27.75 0.14 0.00	29.34 0.41 0.00	30.65 0.51 0.00	32.12 0.63 0.00	32.75 0.74 0.00	36.22 0.99 0.00	42.53 -0.13 0.00	43.95 0.44 0.00	42.99 0.00 -0.16	34.82 0.51 0.00	31.15 0.27 -0.33	30.37 0.51 -0.10	29.00 0.23 0.00	27.22 0.51 0.00
COFFEEN___115KV_TB3 355620	28.87 0.57 0.00	26.21 0.21 -0.01	25.52 0.10 0.00	23.82 0.09 0.00	22.30 -0.13 0.00	22.69 -0.11 0.00	20.81 -0.19 -0.11	17.75 0.02 -0.26	20.68 -0.10 -0.25	25.78 -0.05 -0.01	27.69 0.08 0.00	29.02 0.09 0.00	30.02 -0.12 0.00	31.65 0.16 0.00	31.98 -0.03 0.00	35.41 0.18 0.00	42.96 0.30 0.00	43.84 0.26 -0.07	43.73 0.90 0.00	35.44 1.13 0.00	31.52 0.98 0.00	30.57 0.80 0.00	29.60 0.83 0.00	27.19 0.48 0.00
COLDSPRG_115KV_BK1 355956	28.69 0.25 -0.13	25.85 -0.18 -0.04	24.96 -0.46 0.00	23.16 -0.57 0.00	22.10 -0.34 0.00	22.55 -0.25 0.00	21.06 -0.19 -0.36	18.82 0.47 -0.88	21.96 0.60 -0.83	27.23 1.37 -0.03	29.02 1.41 0.00	30.73 1.79 0.00	32.07 1.93 0.00	33.67 2.17 0.00	34.29 2.27 0.00	37.49 2.25 0.00	44.11 1.45 0.00	45.60 2.09 0.00	44.58 1.58 -0.17	35.99 1.68 0.00	32.20 1.31 -0.35	31.44 1.58 -0.10	29.95 1.18 0.00	27.96 1.26 0.00
COLONIE_LFGE___ 323577	32.04 1.56 -2.18	27.80 1.43 -0.38	26.66 1.25 0.00	24.87 1.14 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.74 1.13 -2.72	25.14 0.96 -6.72	27.99 1.13 -6.32	27.51 1.45 -0.24	29.10 1.49 0.00	30.44 1.50 0.00	31.67 1.54 0.00	33.19 1.70 0.00	33.71 1.70 0.00	36.99 1.76 0.00	45.00 2.34 0.00	45.90 2.39 0.00	47.95 2.40 -2.73	36.19 1.89 0.00	38.02 1.74 -5.74	33.08 1.67 -1.65	30.35 1.58 0.00	27.94 1.23 0.00
COOPERNY_115KV_TB1 80082	29.82 0.99 -0.53	27.06 0.91 -0.16	26.10 0.69 0.00	24.39 0.66 0.00	23.04 0.61 0.00	23.40 0.59 0.00	23.04 0.73 -1.42	21.68 0.72 -3.50	24.67 0.84 -3.29	27.04 1.08 -0.13	28.71 1.10 0.00	30.06 1.13 0.00	31.37 1.24 0.00	32.82 1.32 0.00	33.39 1.38 0.00	36.71 1.48 0.00	44.62 1.96 0.00	45.51 2.00 0.00	45.33 1.84 -0.66	35.72 1.41 0.00	33.15 1.22 -1.39	31.32 1.16 -0.40	29.95 1.18 0.00	27.59 0.88 0.00
COPENHAGEN_WT_PWR 323753	28.53 0.23 0.00	25.98 -0.03 -0.01	25.29 -0.13 0.00	23.61 -0.12 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.69 -0.31 -0.11	17.63 -0.10 -0.27	20.56 -0.23 -0.26	25.60 -0.23 -0.01	27.50 -0.11 0.00	28.82 -0.12 0.00	29.87 -0.27 0.00	31.43 -0.06 0.00	31.79 -0.22 0.00	35.16 -0.07 0.00	42.62 -0.04 0.00	43.50 -0.09 0.00	43.26 0.43 0.00	34.96 0.65 0.00	31.12 0.58 0.00	30.21 0.45 0.00	29.26 0.49 0.00	26.92 0.21 0.00
CORNELL___ 23752	29.16 0.68 -0.17	26.51 0.47 -0.05	25.70 0.28 0.00	23.94 0.21 0.00	22.57 0.13 0.00	22.96 0.16 0.00	21.55 0.23 -0.43	18.93 0.40 -1.06	22.00 0.47 -1.00	26.48 0.62 -0.04	28.30 0.69 0.00	29.71 0.78 0.00	31.01 0.87 0.00	32.59 1.10 0.00	33.10 1.09 0.00	36.50 1.27 0.00	44.02 1.37 0.00	45.08 1.52 -0.04	44.63 1.58 -0.22	35.72 1.41 0.00	32.16 1.16 -0.46	30.97 1.07 -0.13	29.78 1.01 0.00	27.56 0.85 0.00
CORONA_AAV_69_KV_TB1 355595	34.43 2.35 -3.77	32.91 2.16 -4.75	30.13 1.88 -2.84	26.54 1.76 -1.06	24.09 1.64 -0.02	24.44 1.62 -0.02	24.80 1.82 -2.09	28.09 1.68 -8.94	30.11 1.99 -7.59	34.03 2.51 -5.70	35.13 2.57 -4.95	36.47 2.66 -4.88	39.48 2.77 -6.57	43.42 2.93 -9.00	44.60 2.98 -9.61	49.91 3.21 -11.48	53.96 4.18 -7.12	56.01 4.22 -8.27	55.39 3.98 -8.58	41.49 3.05 -4.13	37.17 2.69 -3.95	37.27 2.56 -4.95	35.68 2.68 -4.23	32.81 2.14 -3.96
CORTLAND_115KV_TB3 80093	28.84 0.40 -0.13	26.27 0.23 -0.04	25.49 0.08 0.00	23.78 0.05 0.00	22.41 -0.02 0.00	22.80 0.00 0.00	21.33 0.08 -0.35	18.57 0.24 -0.86	21.65 0.31 -0.81	26.27 0.41 -0.03	28.05 0.44 0.00	29.45 0.52 0.00	30.74 0.60 0.00	32.25 0.76 0.00	32.78 0.77 0.00	36.15 0.92 0.00	43.60 0.94 0.00	44.56 1.00 -0.04	44.02 1.03 -0.17	35.24 0.93 0.00	31.62 0.73 -0.35	30.52 0.65 -0.10	29.40 0.63 0.00	27.22 0.51 0.00
COXSACKIE___GT 23611	32.05 2.40 -1.34	28.51 2.21 -0.31	27.32 1.91 0.00	25.51 1.78 0.00	24.14 1.70 0.00	24.45 1.64 0.00	25.01 1.61 -2.51	24.90 1.24 -6.20	27.87 1.50 -5.83	28.11 2.07 -0.22	29.71 2.10 0.00	31.04 2.11 0.00	32.21 2.08 0.00	33.79 2.30 0.00	34.39 2.37 0.00	37.88 2.64 0.00	45.94 3.28 0.00	47.21 3.70 0.00	48.14 3.64 -1.67	37.40 3.09 0.00	36.78 2.72 -3.52	33.34 2.56 -1.01	30.99 2.22 0.00	28.47 1.76 0.00
CPV_VALLEY___CC1 323721	30.04 1.10 -0.64	27.20 1.01 -0.19	26.21 0.79 0.00	24.49 0.76 0.00	23.13 0.70 0.00	23.49 0.68 0.00	23.48 0.86 -1.73	22.56 0.84 -4.26	25.53 0.99 -4.01	27.24 1.27 -0.15	28.88 1.27 0.00	30.20 1.27 0.00	31.52 1.39 0.00	32.97 1.48 0.00	33.55 1.54 0.00	36.85 1.62 0.00	44.83 2.17 0.00	45.73 2.22 0.00	45.68 2.06 -0.79	35.85 1.55 0.00	33.59 1.38 -1.67	31.52 1.28 -0.48	30.09 1.32 0.00	27.67 0.96 0.00

CPV_VALLEY___CC2 323722	30.04 1.10 -0.64	27.20 1.01 -0.19	26.21 0.79 0.00	24.49 0.76 0.00	23.13 0.70 0.00	23.49 0.68 0.00	23.48 0.86 -1.73	22.56 0.84 -4.26	25.53 0.99 -4.01	27.24 1.27 -0.15	28.88 1.27 0.00	30.20 1.27 0.00	31.52 1.39 0.00	32.97 1.48 0.00	33.55 1.54 0.00	36.85 1.62 0.00	44.83 2.17 0.00	45.73 2.22 0.00	45.68 2.06 -0.79	35.85 1.55 0.00	33.59 1.38 -1.67	31.52 1.28 -0.48	30.09 1.32 0.00	27.67 0.96 0.00
CRESCENT___HYD 24018	32.04 1.56 -2.18	27.80 1.43 -0.38	26.66 1.25 0.00	24.87 1.14 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.74 1.13 -2.72	25.14 0.96 -6.72	27.99 1.13 -6.32	27.51 1.45 -0.24	29.10 1.49 0.00	30.44 1.50 0.00	31.67 1.54 0.00	33.19 1.70 0.00	33.71 1.70 0.00	36.99 1.76 0.00	45.00 2.34 0.00	45.90 2.39 0.00	47.95 2.40 -2.73	36.19 1.89 0.00	38.02 1.74 -5.74	33.08 1.67 -1.65	30.35 1.58 0.00	27.94 1.23 0.00
CRICKET___VALLEY_CC1 323756	30.51 1.36 -0.84	27.57 1.32 -0.25	26.51 1.09 0.00	24.75 1.02 0.00	23.40 0.96 0.00	23.76 0.96 0.00	24.23 1.11 -2.23	23.98 1.01 -5.50	26.90 1.19 -5.18	27.52 1.50 -0.20	29.07 1.46 0.00	30.35 1.42 0.00	31.67 1.54 0.00	33.16 1.67 0.00	33.71 1.70 0.00	36.96 1.73 0.00	45.09 2.43 0.00	45.95 2.44 0.00	46.20 2.31 -1.06	36.02 1.71 0.00	34.29 1.53 -2.22	31.83 1.43 -0.64	30.21 1.44 0.00	27.80 1.10 0.00
CRICKET___VALLEY_CC2 323757	30.51 1.36 -0.84	27.57 1.32 -0.25	26.51 1.09 0.00	24.75 1.02 0.00	23.40 0.96 0.00	23.76 0.96 0.00	24.23 1.11 -2.23	23.98 1.01 -5.50	26.90 1.19 -5.18	27.52 1.50 -0.20	29.07 1.46 0.00	30.35 1.42 0.00	31.67 1.54 0.00	33.16 1.67 0.00	33.71 1.70 0.00	36.96 1.73 0.00	45.09 2.43 0.00	45.95 2.44 0.00	46.20 2.31 -1.06	36.02 1.71 0.00	34.29 1.53 -2.22	31.83 1.43 -0.64	30.21 1.44 0.00	27.80 1.10 0.00
CRICKET___VALLEY_CC3 323758	30.51 1.36 -0.84	27.57 1.32 -0.25	26.51 1.09 0.00	24.75 1.02 0.00	23.40 0.96 0.00	23.76 0.96 0.00	24.23 1.11 -2.23	23.98 1.01 -5.50	26.90 1.19 -5.18	27.52 1.50 -0.20	29.07 1.46 0.00	30.35 1.42 0.00	31.67 1.54 0.00	33.16 1.67 0.00	33.71 1.70 0.00	36.96 1.73 0.00	45.09 2.43 0.00	45.95 2.44 0.00	46.20 2.31 -1.06	36.02 1.71 0.00	34.29 1.53 -2.22	31.83 1.43 -0.64	30.21 1.44 0.00	27.80 1.10 0.00
CRUCIBLE_METL_DRP 24180	28.25 -0.06 0.00	25.88 -0.13 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.12 -0.31 0.00	22.51 -0.30 0.00	20.93 -0.17 -0.20	17.98 0.02 -0.49	21.02 0.02 -0.47	25.89 0.05 -0.02	27.69 0.08 0.00	29.05 0.12 0.00	30.29 0.15 0.00	31.81 0.31 0.00	32.34 0.32 0.00	35.65 0.42 0.00	43.04 0.38 0.00	43.94 0.35 -0.08	43.13 0.30 0.00	34.62 0.31 0.00	30.72 0.18 0.00	29.91 0.15 0.00	28.89 0.12 0.00	26.79 0.08 0.00
DAHOWA___HYDRO 323763	32.76 2.04 -2.41	28.21 1.82 -0.40	27.04 1.63 0.00	25.20 1.47 0.00	23.87 1.44 0.00	24.22 1.41 0.00	25.07 1.40 -2.77	25.46 1.15 -6.84	28.37 1.40 -6.44	27.88 1.81 -0.25	29.43 1.82 0.00	30.79 1.85 0.00	32.13 1.99 0.00	33.57 2.08 0.00	34.13 2.11 0.00	37.52 2.29 0.00	45.52 2.86 0.00	46.47 2.96 0.00	49.01 3.17 -3.01	36.85 2.54 0.00	39.35 2.47 -6.34	34.03 2.44 -1.83	30.93 2.16 0.00	28.39 1.68 0.00
DANC___LFGE 323619	28.25 -0.06 0.00	25.77 -0.23 -0.01	25.09 -0.33 0.00	23.40 -0.33 0.00	22.01 -0.43 0.00	22.39 -0.41 0.00	20.65 -0.38 -0.13	17.62 -0.16 -0.32	20.59 -0.25 -0.30	25.55 -0.28 -0.01	27.39 -0.22 0.00	28.70 -0.23 0.00	29.81 -0.33 0.00	31.34 -0.16 0.00	31.76 -0.26 0.00	35.06 -0.18 0.00	42.36 -0.30 0.00	43.30 -0.30 -0.09	42.87 0.04 0.00	34.55 0.24 0.00	30.75 0.22 0.00	29.91 0.15 0.00	28.94 0.17 0.00	26.68 -0.03 0.00
DANSKAMMER___1 23586	30.87 1.78 -0.78	27.87 1.64 -0.24	26.76 1.35 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.28 1.30 -2.09	23.79 1.17 -5.16	26.81 1.42 -4.86	27.82 1.81 -0.19	29.43 1.82 0.00	30.76 1.82 0.00	32.16 2.02 0.00	33.64 2.14 0.00	34.22 2.21 0.00	37.63 2.40 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.89 3.09 -0.97	36.67 2.37 0.00	34.69 2.11 -2.04	32.29 1.93 -0.59	30.67 1.90 0.00	28.18 1.47 0.00
DANSKAMMER___2 23589	30.87 1.78 -0.78	27.87 1.64 -0.24	26.76 1.35 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.28 1.30 -2.09	23.79 1.17 -5.16	26.81 1.42 -4.86	27.82 1.81 -0.19	29.43 1.82 0.00	30.76 1.82 0.00	32.16 2.02 0.00	33.64 2.14 0.00	34.22 2.21 0.00	37.63 2.40 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.89 3.09 -0.97	36.67 2.37 0.00	34.69 2.11 -2.04	32.29 1.93 -0.59	30.67 1.90 0.00	28.18 1.47 0.00
DANSKAMMER___3 23590	30.87 1.78 -0.78	27.87 1.64 -0.24	26.76 1.35 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.28 1.30 -2.09	23.79 1.17 -5.16	26.81 1.42 -4.86	27.82 1.81 -0.19	29.43 1.82 0.00	30.76 1.82 0.00	32.16 2.02 0.00	33.64 2.14 0.00	34.22 2.21 0.00	37.63 2.40 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.89 3.09 -0.97	36.67 2.37 0.00	34.69 2.11 -2.04	32.29 1.93 -0.59	30.67 1.90 0.00	28.18 1.47 0.00
DANSKAMMER___4 23591	30.87 1.78 -0.78	27.87 1.64 -0.24	26.76 1.35 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.28 1.30 -2.09	23.79 1.17 -5.16	26.81 1.42 -4.86	27.82 1.81 -0.19	29.43 1.82 0.00	30.76 1.82 0.00	32.16 2.02 0.00	33.64 2.14 0.00	34.22 2.21 0.00	37.63 2.40 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.89 3.09 -0.97	36.67 2.37 0.00	34.69 2.11 -2.04	32.29 1.93 -0.59	30.67 1.90 0.00	28.18 1.47 0.00
DANSKAMMER___DIESEL 23592	30.87 1.78 -0.78	27.84 1.61 -0.24	26.74 1.32 0.00	24.99 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.28 1.30 -2.09	23.79 1.17 -5.16	26.81 1.42 -4.86	27.82 1.81 -0.19	29.43 1.82 0.00	30.78 1.85 0.00	32.19 2.05 0.00	33.63 2.14 0.00	34.23 2.21 0.00	37.63 2.40 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.88 3.08 -0.97	36.68 2.37 0.00	34.66 2.08 -2.04	32.29 1.93 -0.59	30.67 1.90 0.00	28.18 1.47 0.00
DARBY___SOLAR 323810	32.64 1.95 -2.38	28.16 1.77 -0.40	26.97 1.55 0.00	25.15 1.42 0.00	23.82 1.39 0.00	24.17 1.37 0.00	25.02 1.36 -2.77	25.42 1.13 -6.82	28.33 1.38 -6.42	27.85 1.78 -0.25	29.40 1.79 0.00	30.76 1.82 0.00	32.09 1.96 0.00	33.57 2.08 0.00	34.10 2.08 0.00	37.49 2.26 0.00	45.47 2.81 0.00	46.43 2.92 0.00	48.90 3.09 -2.98	36.75 2.44 0.00	39.16 2.35 -6.27	33.89 2.32 -1.81	30.84 2.07 0.00	28.34 1.63 0.00
DASHVILLE___HYD 23610	30.34 1.13 -0.90	27.36 1.12 -0.25	26.38 0.97 0.00	24.65 0.93 0.00	23.26 0.83 0.00	23.58 0.78 0.00	23.91 0.86 -2.16	23.59 0.79 -5.34	26.53 0.97 -5.03	27.39 1.37 -0.19	28.96 1.35 0.00	30.26 1.33 0.00	31.64 1.51 0.00	33.07 1.57 0.00	33.65 1.63 0.00	36.96 1.73 0.00	45.05 2.39 0.00	45.99 2.48 0.00	46.02 2.06 -1.13	36.02 1.72 0.00	34.26 1.34 -2.38	31.67 1.22 -0.68	30.21 1.44 0.00	27.78 1.07 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	36.18 4.10 -3.77	34.41 3.67 -4.75	31.56 3.30 -2.84	27.80 3.01 -1.06	25.28 2.83 -0.02	25.67 2.85 -0.02	25.89 2.90 -2.09	29.05 2.64 -8.94	31.34 3.22 -7.59	35.79 4.26 -5.70	37.00 4.45 -4.95	38.15 4.34 -4.88	41.72 5.00 -6.58	45.73 5.23 -9.01	46.89 5.25 -9.62	52.32 5.60 -11.49	56.94 7.17 -7.12	59.36 7.57 -8.27	58.95 7.28 -8.84	49.02 5.73 -8.98	45.97 4.89 -10.55	41.50 4.70 -7.03	37.67 4.66 -4.23	34.76 4.09 -3.97
DELAWARE___LFGE 323621	29.91 1.05 -0.55	27.01 0.91 -0.10	26.15 0.74 0.00	24.42 0.69 0.00	23.02 0.58 0.00	23.40 0.59 0.00	22.28 0.63 -0.76	20.01 0.68 -1.87	23.07 0.78 -1.76	26.95 1.06 -0.07	28.71 1.10 0.00	30.09 1.16 0.00	31.37 1.24 0.00	32.91 1.42 0.00	33.42 1.41 0.00	36.82 1.59 0.00	44.62 1.96 0.00	45.53 2.00 -0.01	45.49 1.97 -0.69	35.89 1.58 0.00	33.33 1.34 -1.45	31.46 1.28 -0.42	30.04 1.27 0.00	27.67 0.96 0.00
DERFIELD_115KV_TB7 355931	28.36 0.06 0.00	26.02 0.03 0.00	25.39 -0.03 0.00	23.70 -0.02 0.00	22.41 -0.02 0.00	22.78 -0.02 0.00	20.91 0.02 0.00	17.52 0.05 0.00	20.60 0.06 0.00	25.90 0.08 0.00	27.69 0.08 0.00	29.02 0.09 0.00	30.26 0.12 0.00	31.65 0.16 0.00	32.14 0.13 0.00	35.37 0.14 0.00	42.87 0.21 0.00	43.69 0.17 0.00	43.05 0.21 0.00	34.48 0.17 0.00	30.66 0.12 0.00	29.88 0.12 0.00	28.89 0.12 0.00	26.76 0.05 0.00
DOGLEVILLE___HYD 23807	28.56 0.25 0.00	26.18 0.18 0.00	25.54 0.13 0.00	23.87 0.14 0.00	22.52 0.09 0.00	22.89 0.09 0.00	20.98 0.08 0.00	17.62 0.16 0.00	20.72 0.18 0.00	26.01 0.18 0.00	27.86 0.25 0.00	29.19 0.26 0.00	30.44 0.30 0.00	31.87 0.38 0.00	32.34 0.32 0.00	35.62 0.39 0.00	43.13 0.47 0.00	43.95 0.44 0.00	43.30 0.47 0.00	34.72 0.41 0.00	30.88 0.34 0.00	30.12 0.36 0.00	29.17 0.40 0.00	27.00 0.29 0.00
DUNKIRK___115KV_TB_200 55889	28.32 -0.11 -0.12	25.62 -0.42 -0.04	24.65 -0.76 0.00	22.87 -0.85 0.00	21.80 -0.63 0.00	22.21 -0.59 0.00	20.79 -0.44 -0.33	18.41 0.12 -0.83	21.50 0.18 -0.78	26.37 0.52 -0.03	28.11 0.50 0.00	29.74 0.81 0.00	31.07 0.93 0.00	32.56 1.07 0.00	33.17 1.15 0.00	36.75 1.51 0.00	43.17 0.51 0.00	44.56 1.04 0.00	43.59 0.60 -0.16	35.30 0.99 0.00	31.51 0.64 -0.33	30.78 0.92 -0.09	29.37 0.60 0.00	27.51 0.80 0.00
DUNKIRK___1 23563	28.32 -0.11 -0.12	25.62 -0.42 -0.04	24.65 -0.76 0.00	22.87 -0.85 0.00	21.80 -0.63 0.00	22.21 -0.59 0.00	20.79 -0.44 -0.33	18.41 0.12 -0.83	21.50 0.18 -0.78	26.37 0.52 -0.03	28.11 0.50 0.00	29.74 0.81 0.00	31.07 0.93 0.00	32.56 1.07 0.00	33.17 1.15 0.00	36.75 1.51 0.00	43.17 0.51 0.00	44.56 1.04 0.00	43.59 0.60 -0.16	35.30 0.99 0.00	31.51 0.64 -0.33	30.78 0.92 -0.09	29.37 0.60 0.00	27.51 0.80 0.00
DUNKIRK___2 23564	28.32 -0.11 -0.12	25.62 -0.42 -0.04	24.65 -0.76 0.00	22.87 -0.85 0.00	21.80 -0.63 0.00	22.21 -0.59 0.00	20.79 -0.44 -0.33	18.41 0.12 -0.83	21.50 0.18 -0.78	26.37 0.52 -0.03	28.11 0.50 0.00	29.74 0.81 0.00	31.07 0.93 0.00	32.56 1.07 0.00	33.17 1.15 0.00	36.75 1.51 0.00	43.17 0.51 0.00	44.56 1.04 0.00	43.59 0.60 -0.16	35.30 0.99 0.00	31.51 0.64 -0.33	30.78 0.92 -0.09	29.37 0.60 0.00	27.51 0.80 0.00
DUNKIRK___3 23565	28.15 -0.28 -0.12	25.49 -0.55 -0.04	24.55 -0.86 0.00	22.78 -0.95 0.00	21.69 -0.74 0.00	22.10 -0.71 0.00	20.66 -0.56 -0.33	18.29 0.00 -0.82	21.33 0.02 -0.78	26.14 0.28 -0.03	27.89 0.28 0.00	29.51 0.58 0.00	30.80 0.66 0.00	32.31 0.82 0.00	32.91 0.90 0.00	36.39 1.16 0.00	42.79 0.13 0.00	44.17 0.65 0.00	43.20 0.21 -0.16	35.00 0.69 0.00	31.26 0.40 -0.33	30.51 0.65 -0.09	29.14 0.37 0.00	27.32 0.61 0.00
DUNKIRK___4 23566	28.15 -0.28 -0.12	25.49 -0.55 -0.04	24.55 -0.86 0.00	22.78 -0.95 0.00	21.69 -0.74 0.00	22.10 -0.71 0.00	20.66 -0.56 -0.33	18.29 0.00 -0.82	21.33 0.02 -0.78	26.14 0.28 -0.03	27.89 0.28 0.00	29.51 0.58 0.00	30.80 0.66 0.00	32.31 0.82 0.00	32.91 0.90 0.00	36.39 1.16 0.00	42.79 0.13 0.00	44.17 0.65 0.00	43.20 0.21 -0.16	35.00 0.69 0.00	31.26 0.40 -0.33	30.51 0.65 -0.09	29.14 0.37 0.00	27.32 0.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.83 1.76 -0.77	27.84 1.61 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.34 1.36 -2.09	23.91 1.29 -5.16	26.95 1.56 -4.85	28.00 1.99 -0.19	29.65 2.04 0.00	31.02 2.08 0.00	32.40 2.26 0.00	33.85 2.36 0.00	34.42 2.40 0.00	37.77 2.54 0.00	46.07 3.41 0.00	46.99 3.48 0.00	47.05 3.26 -0.96	36.75 2.44 0.00	34.73 2.17 -2.02	32.34 1.99 -0.58	30.84 2.07 0.00	28.28 1.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.55 1.50 -0.75	27.60 1.38 -0.23	26.53 1.12 0.00	24.77 1.04 0.00	23.40 0.96 0.00	23.74 0.93 0.00	24.03 1.13 -2.01	23.45 1.03 -4.96	26.43 1.23 -4.67	27.60 1.60 -0.18	29.21 1.60 0.00	30.55 1.62 0.00	31.92 1.78 0.00	33.38 1.89 0.00	33.97 1.95 0.00	37.31 2.08 0.00	45.43 2.77 0.00	46.39 2.87 0.00	46.46 2.70 -0.93	36.37 2.06 0.00	34.30 1.80 -1.96	32.00 1.67 -0.57	30.44 1.67 0.00	27.99 1.28 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.07 1.98 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.38 1.40 -2.09	24.07 1.45 -5.16	27.07 1.68 -4.85	28.18 2.17 -0.19	29.88 2.26 -0.01	31.26 2.31 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.06 2.82 -0.01	46.33 3.67 -0.01	47.26 3.74 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.95 2.38 -2.03	32.58 2.23 -0.58	31.11 2.33 -0.01	28.53 1.82 -0.01
E179THST_13_KV_LOAD 356214	31.21 2.12 -0.78	28.19 1.95 -0.24	27.08 1.65 -0.01	25.25 1.52 -0.01	23.80 1.37 0.00	24.03 1.23 0.00	24.49 1.50 -2.09	24.16 1.54 -5.16	27.17 1.79 -4.85	28.31 2.30 -0.19	30.05 2.43 -0.01	31.43 2.49 -0.01	32.83 2.68 -0.01	34.27 2.77 -0.01	34.84 2.82 -0.01	38.23 2.99 -0.01	46.59 3.92 -0.01	47.52 4.00 -0.01	47.57 3.77 -0.97	37.05 2.74 0.00	35.10 2.53 -2.03	32.73 2.38 -0.58	31.25 2.47 -0.01	28.67 1.95 -0.01
EAST HAMPTON___GT 23717	36.72 4.64 -3.77	34.88 4.13 -4.75	32.01 3.76 -2.84	28.18 3.39 -1.06	25.63 3.18 -0.02	26.03 3.22 -0.02	26.24 3.26 -2.09	29.36 2.95 -8.94	31.74 3.62 -7.59	36.33 4.80 -5.70	37.61 5.05 -4.95	38.84 5.03 -4.88	42.38 5.66 -6.58	46.49 5.99 -9.01	47.62 5.99 -9.62	53.20 6.48 -11.49	57.93 8.15 -7.12	60.45 8.66 -8.27	60.02 8.35 -8.84	49.84 6.55 -8.98	46.65 5.56 -10.55	42.12 5.33 -7.03	38.35 5.35 -4.23	35.30 4.62 -3.97
EAST RIVER___6 23660	30.94 1.87 -0.77	27.92 1.69 -0.23	26.79 1.37 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.40 1.42 -2.09	24.00 1.38 -5.16	27.05 1.66 -4.85	28.08 2.07 -0.19	29.82 2.21 0.00	31.13 2.20 0.00	32.58 2.44 0.00	33.98 2.49 0.00	34.58 2.56 0.00	37.98 2.75 0.00	46.41 3.75 0.00	47.34 3.83 0.00	47.31 3.51 -0.96	36.88 2.57 0.00	34.88 2.32 -2.02	32.46 2.11 -0.58	31.07 2.30 0.00	28.39 1.68 0.00

EAST RIVER___7 23524	30.94 1.87 -0.77	27.92 1.69 -0.23	26.79 1.37 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.40 1.42 -2.09	24.00 1.38 -5.16	27.05 1.66 -4.85	28.08 2.07 -0.19	29.82 2.21 0.00	31.13 2.20 0.00	32.58 2.44 0.00	33.98 2.49 0.00	34.58 2.56 0.00	37.98 2.75 0.00	46.41 3.75 0.00	47.34 3.83 0.00	47.31 3.51 -0.96	36.88 2.57 0.00	34.88 2.32 -2.02	32.46 2.11 -0.58	31.07 2.30 0.00	28.39 1.68 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.77 1.70 -0.77	27.79 1.56 -0.23	26.71 1.30 0.00	24.91 1.19 0.00	23.53 1.10 0.00	23.90 1.09 0.00	24.29 1.32 -2.08	23.85 1.24 -5.14	26.87 1.50 -4.84	27.92 1.91 -0.18	29.57 1.96 0.00	30.93 2.00 0.00	32.28 2.14 0.00	33.76 2.27 0.00	34.32 2.31 0.00	37.70 2.47 0.00	45.94 3.28 0.00	46.86 3.35 0.00	46.92 3.13 -0.96	36.64 2.33 0.00	34.63 2.08 -2.02	32.28 1.93 -0.58	30.76 1.99 0.00	28.23 1.52 0.00
EAST_HAMPTON___DIESEL 23722	36.72 4.64 -3.77	34.91 4.16 -4.75	32.01 3.76 -2.84	28.20 3.42 -1.06	25.66 3.21 -0.02	26.06 3.24 -0.02	26.24 3.26 -2.09	29.38 2.97 -8.94	31.76 3.64 -7.59	36.33 4.80 -5.70	37.64 5.08 -4.95	38.87 5.06 -4.88	42.41 5.70 -6.58	46.49 5.99 -9.01	47.65 6.02 -9.62	53.24 6.52 -11.49	57.97 8.19 -7.12	60.49 8.70 -8.27	60.06 8.40 -8.84	49.84 6.55 -8.98	46.68 5.59 -10.55	42.15 5.36 -7.03	38.35 5.35 -4.23	35.32 4.65 -3.97
EAST_PULASKI___ESR 323781	28.02 -0.28 0.00	25.62 -0.39 -0.01	24.91 -0.51 0.00	23.23 -0.50 0.00	21.92 -0.52 0.00	22.28 -0.52 0.00	20.62 -0.42 -0.15	17.63 -0.19 -0.36	20.63 -0.25 -0.34	25.53 -0.31 -0.01	27.31 -0.30 0.00	28.64 -0.29 0.00	29.81 -0.33 0.00	31.27 -0.22 0.00	31.76 -0.26 0.00	34.99 -0.25 0.00	42.27 -0.38 0.00	43.20 -0.44 -0.12	42.57 -0.26 0.00	34.21 -0.10 0.00	30.39 -0.15 0.00	29.64 -0.12 0.00	28.65 -0.12 0.00	26.49 -0.21 0.00
EAST_RIVER___1 323558	30.91 1.84 -0.77	27.89 1.67 -0.23	26.79 1.37 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.08 2.07 -0.19	29.79 2.18 0.00	31.10 2.17 0.00	32.52 2.38 0.00	33.95 2.46 0.00	34.51 2.50 0.00	37.88 2.64 0.00	46.24 3.58 0.00	47.17 3.66 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.79 2.23 -2.02	32.40 2.05 -0.58	30.99 2.22 0.00	28.34 1.63 0.00
EAST_RIVER___2 323559	30.94 1.87 -0.77	27.92 1.69 -0.23	26.79 1.37 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.40 1.42 -2.09	24.00 1.38 -5.16	27.05 1.66 -4.85	28.08 2.07 -0.19	29.82 2.21 0.00	31.13 2.20 0.00	32.58 2.44 0.00	33.98 2.49 0.00	34.58 2.56 0.00	37.98 2.75 0.00	46.41 3.75 0.00	47.34 3.83 0.00	47.31 3.51 -0.96	36.88 2.57 0.00	34.88 2.32 -2.02	32.46 2.11 -0.58	31.07 2.30 0.00	28.39 1.68 0.00
EAST___DELAWARE_HYD 23607	29.98 0.96 -0.71	27.03 0.83 -0.21	25.97 0.56 0.00	24.25 0.52 0.00	22.86 0.43 0.00	23.19 0.39 0.00	23.31 0.61 -1.81	22.52 0.58 -4.47	25.44 0.70 -4.21	26.89 0.90 -0.16	28.49 0.88 0.00	29.77 0.84 0.00	31.10 0.96 0.00	32.56 1.07 0.00	33.17 1.15 0.00	36.54 1.30 0.00	44.53 1.87 0.00	45.52 2.00 0.00	45.56 1.84 -0.88	35.72 1.41 0.00	33.65 1.25 -1.86	31.37 1.07 -0.54	29.86 1.09 0.00	27.43 0.72 0.00
EIGHT_POINT___WT_PWR 323820	28.74 0.28 -0.15	26.06 0.03 -0.05	25.11 -0.30 0.00	23.35 -0.38 0.00	22.14 -0.29 0.00	22.57 -0.23 0.00	21.17 -0.12 -0.40	18.75 0.30 -0.98	21.85 0.39 -0.93	26.56 0.70 -0.04	28.30 0.69 0.00	29.89 0.95 0.00	31.22 1.08 0.00	32.72 1.23 0.00	33.33 1.31 0.00	36.75 1.51 0.00	43.68 1.02 0.00	44.96 1.43 -0.02	44.39 1.37 -0.19	35.82 1.51 0.00	32.25 1.31 -0.40	31.19 1.31 -0.12	29.86 1.09 0.00	27.86 1.15 0.00
ELBRIDGE_115KV_TB2 80188	28.21 -0.17 -0.07	25.78 -0.23 -0.02	25.01 -0.41 0.00	23.32 -0.40 0.00	22.03 -0.40 0.00	22.41 -0.39 0.00	20.85 -0.25 -0.21	17.95 -0.03 -0.52	20.99 -0.04 -0.49	25.79 -0.05 -0.02	27.58 -0.03 0.00	28.96 0.03 0.00	30.17 0.03 0.00	31.65 0.16 0.00	32.21 0.19 0.00	35.48 0.25 0.00	42.83 0.17 0.00	43.77 0.17 -0.08	43.05 0.13 -0.09	34.48 0.17 0.00	30.79 0.06 -0.19	29.88 0.06 -0.05	28.80 0.03 0.00	26.71 0.00 0.00
ELEC_TRO_TEK 24086	34.26 2.18 -3.77	32.75 2.00 -4.75	29.98 1.73 -2.84	26.37 1.59 -1.06	23.93 1.48 -0.02	24.30 1.48 -0.02	24.68 1.69 -2.09	27.96 1.55 -8.94	29.97 1.85 -7.59	33.88 2.35 -5.70	34.96 2.40 -4.95	36.24 2.43 -4.88	39.33 2.62 -6.57	43.23 2.74 -9.00	44.41 2.79 -9.61	49.67 2.96 -11.48	53.70 3.92 -7.12	55.79 4.00 -8.27	55.14 3.73 -8.58	41.30 2.85 -4.14	37.04 2.53 -3.96	37.13 2.41 -4.96	35.48 2.47 -4.23	32.62 1.95 -3.96
ELLENBURG_WT_PWR 323604	27.97 -0.34 0.00	25.65 -0.34 0.00	25.24 -0.18 0.00	23.51 -0.21 0.00	22.30 -0.13 0.00	22.69 -0.11 0.00	20.64 -0.25 0.00	17.08 -0.38 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.31 -0.30 0.00	28.62 -0.32 0.00	29.74 -0.39 0.00	30.96 -0.54 0.00	31.50 -0.51 0.00	34.70 -0.53 0.00	41.93 -0.73 0.00	42.86 -0.65 0.00	42.23 -0.60 0.00	33.86 -0.45 0.00	30.17 -0.37 0.00	29.29 -0.48 0.00	28.22 -0.55 0.00	26.39 -0.32 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.89 -0.54 -0.12	25.28 -0.75 -0.04	24.35 -1.07 0.00	22.59 -1.14 0.00	21.49 -0.94 0.00	21.89 -0.91 0.00	20.48 -0.73 -0.32	18.08 -0.17 -0.78	21.07 -0.21 -0.74	25.78 -0.08 -0.03	27.50 -0.11 0.00	29.08 0.14 0.00	30.38 0.24 0.00	31.81 0.31 0.00	32.43 0.42 0.00	35.83 0.60 0.00	42.06 -0.60 0.00	43.43 -0.09 0.00	42.51 -0.47 -0.15	34.48 0.17 0.00	30.79 -0.06 -0.31	30.06 0.21 -0.09	28.77 0.00 0.00	27.03 0.32 0.00
EMPIRE_CC_1 323656	30.69 1.19 -1.19	27.44 1.14 -0.30	26.36 0.94 0.00	24.61 0.88 0.00	23.28 0.85 0.00	23.65 0.84 0.00	24.38 0.92 -2.57	24.51 0.72 -6.33	27.32 0.82 -5.96	27.09 1.03 -0.23	28.77 1.16 0.00	30.09 1.16 0.00	31.25 1.12 0.00	32.75 1.26 0.00	33.23 1.22 0.00	36.46 1.23 0.00	44.37 1.71 0.00	45.26 1.74 0.00	45.99 1.67 -1.49	35.65 1.34 0.00	34.90 1.22 -3.14	31.83 1.16 -0.90	29.92 1.15 0.00	27.54 0.83 0.00
EMPIRE_CC_2 323658	30.69 1.19 -1.19	27.44 1.14 -0.30	26.36 0.94 0.00	24.61 0.88 0.00	23.28 0.85 0.00	23.65 0.84 0.00	24.38 0.92 -2.57	24.51 0.72 -6.33	27.32 0.82 -5.96	27.09 1.03 -0.23	28.77 1.16 0.00	30.09 1.16 0.00	31.25 1.12 0.00	32.75 1.26 0.00	33.23 1.22 0.00	36.46 1.23 0.00	44.37 1.71 0.00	45.26 1.74 0.00	45.99 1.67 -1.49	35.65 1.34 0.00	34.90 1.22 -3.14	31.83 1.16 -0.90	29.92 1.15 0.00	27.54 0.83 0.00
ENORWICH_115KV_TB1 80156	30.82 2.21 -0.30	27.68 1.61 -0.07	26.76 1.35 0.00	24.96 1.23 0.00	23.28 0.85 0.00	23.69 0.89 0.00	22.30 0.84 -0.57	19.96 1.08 -1.41	23.08 1.21 -1.33	27.53 1.65 -0.05	29.40 1.79 0.00	30.93 2.00 0.00	32.37 2.23 0.00	34.26 2.77 0.00	34.67 2.66 0.00	38.44 3.21 0.00	46.54 3.88 0.00	47.42 3.87 -0.03	47.53 4.33 -0.38	37.91 3.60 0.00	34.42 3.08 -0.79	32.79 2.80 -0.23	31.56 2.79 0.00	28.93 2.22 0.00

ERIE_ST__34_KV_TB1-2 80199	28.06 -0.37 -0.12	25.22 -0.81 -0.04	24.45 -0.97 0.00	22.68 -1.04 0.00	21.62 -0.81 0.00	22.00 -0.80 0.00	20.30 -0.92 -0.33	18.00 -0.28 -0.81	20.99 -0.31 -0.77	25.98 0.13 -0.03	27.80 0.19 0.00	29.43 0.49 0.00	30.74 0.60 0.00	32.22 0.72 0.00	32.82 0.80 0.00	36.32 1.09 0.00	42.70 0.04 0.00	44.08 0.57 0.00	43.11 0.13 -0.15	34.86 0.55 0.00	31.14 0.27 -0.32	30.39 0.54 -0.09	29.06 0.29 0.00	27.27 0.56 0.00
ERIE_WT_PWR 323693	28.03 -0.40 -0.12	25.41 -0.62 -0.04	24.45 -0.97 0.00	22.68 -1.04 0.00	21.60 -0.83 0.00	22.00 -0.80 0.00	20.53 -0.69 -0.33	18.15 -0.12 -0.80	21.15 -0.14 -0.76	25.93 0.08 -0.03	27.69 0.08 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.03 0.53 0.00	32.66 0.64 0.00	36.08 0.84 0.00	42.36 -0.30 0.00	43.69 0.17 0.00	42.85 -0.13 -0.15	34.72 0.41 0.00	31.22 0.37 -0.32	30.30 0.45 -0.09	28.94 0.17 0.00	27.19 0.48 0.00
ESPRGFLD_115KV_TB1 80157	31.77 1.76 -1.71	27.53 1.48 -0.06	26.66 1.25 0.00	24.89 1.16 0.00	23.46 1.03 0.00	23.85 1.05 0.00	21.33 1.02 0.59	17.04 1.03 1.46	20.37 1.21 1.37	27.37 1.60 0.05	29.29 1.68 0.00	30.76 1.82 0.00	32.10 1.96 0.00	33.73 2.24 0.00	34.26 2.24 0.00	37.73 2.50 0.00	45.69 3.03 0.00	46.73 3.22 0.00	48.23 3.26 -2.14	36.95 2.64 0.00	37.36 2.32 -4.50	33.35 2.29 -1.30	30.90 2.13 0.00	28.36 1.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.10 0.62 -0.17	26.46 0.42 -0.05	25.65 0.23 0.00	23.89 0.17 0.00	22.52 0.09 0.00	22.92 0.11 0.00	21.53 0.21 -0.43	18.89 0.37 -1.05	21.96 0.43 -0.99	26.46 0.59 -0.04	28.24 0.64 0.00	29.66 0.72 0.00	30.95 0.81 0.00	32.53 1.04 0.00	33.04 1.02 0.00	36.43 1.20 0.00	43.98 1.32 0.00	44.99 1.44 -0.04	44.55 1.50 -0.22	35.65 1.34 0.00	32.06 1.07 -0.46	30.91 1.01 -0.13	29.72 0.95 0.00	27.51 0.80 0.00
ETNA____115KV_TB2 80207	29.10 0.62 -0.17	26.46 0.42 -0.05	25.65 0.23 0.00	23.89 0.17 0.00	22.52 0.09 0.00	22.92 0.11 0.00	21.53 0.21 -0.43	18.89 0.37 -1.05	21.96 0.43 -0.99	26.46 0.59 -0.04	28.24 0.64 0.00	29.66 0.72 0.00	30.95 0.81 0.00	32.53 1.04 0.00	33.04 1.02 0.00	36.43 1.20 0.00	43.98 1.32 0.00	44.99 1.44 -0.04	44.55 1.50 -0.22	35.65 1.34 0.00	32.06 1.07 -0.46	30.91 1.01 -0.13	29.72 0.95 0.00	27.51 0.80 0.00
EUCLID____115KV_TB2 356179	27.91 -0.40 0.00	25.59 -0.42 -0.01	24.86 -0.56 0.00	23.18 -0.55 0.00	21.89 -0.54 0.00	22.28 -0.52 0.00	20.69 -0.38 -0.17	17.71 -0.17 -0.42	20.72 -0.21 -0.39	25.56 -0.28 -0.01	27.33 -0.28 0.00	28.67 -0.26 0.00	29.87 -0.27 0.00	31.30 -0.19 0.00	31.86 -0.16 0.00	35.09 -0.14 0.00	42.36 -0.30 0.00	43.24 -0.30 -0.04	42.49 -0.34 0.00	34.10 -0.21 0.00	30.26 -0.27 0.00	29.50 -0.27 0.00	28.51 -0.26 0.00	26.41 -0.29 0.00
E_CANADA_CAP_HY 24051	32.73 2.29 -2.13	28.40 1.97 -0.44	27.12 1.70 0.00	25.29 1.57 0.00	23.91 1.48 0.00	24.26 1.46 0.00	25.72 1.44 -3.39	27.14 1.31 -8.36	29.99 1.58 -7.87	28.11 1.99 -0.30	29.71 2.10 0.00	31.19 2.26 0.00	32.52 2.38 0.00	34.17 2.68 0.00	34.74 2.72 0.00	38.08 2.85 0.00	46.24 3.58 0.00	47.34 3.83 0.00	49.39 3.90 -2.66	37.46 3.15 0.00	38.98 2.84 -5.60	34.33 2.95 -1.61	31.39 2.62 0.00	28.77 2.06 0.00
E_CANADA_MHWK_HY 24050	28.56 0.25 0.00	26.18 0.18 0.00	25.54 0.13 0.00	23.87 0.14 0.00	22.52 0.09 0.00	22.89 0.09 0.00	20.98 0.08 0.00	17.62 0.16 0.00	20.72 0.18 0.00	26.01 0.18 0.00	27.86 0.25 0.00	29.19 0.26 0.00	30.44 0.30 0.00	31.87 0.38 0.00	32.34 0.32 0.00	35.62 0.39 0.00	43.13 0.47 0.00	43.95 0.44 0.00	43.30 0.47 0.00	34.72 0.41 0.00	30.88 0.34 0.00	30.12 0.36 0.00	29.17 0.40 0.00	27.00 0.29 0.00
E_FISHKILL____LBMP 23776	30.60 1.50 -0.79	27.64 1.40 -0.24	26.59 1.17 0.00	24.82 1.09 0.00	23.44 1.01 0.00	23.78 0.98 0.00	24.21 1.17 -2.15	23.86 1.10 -5.30	26.83 1.31 -4.99	27.67 1.65 -0.19	29.29 1.68 0.00	30.64 1.71 0.00	31.98 1.84 0.00	33.45 1.95 0.00	34.00 1.98 0.00	37.31 2.08 0.00	45.47 2.82 0.00	46.39 2.87 0.00	46.52 2.70 -0.99	36.33 2.02 0.00	34.39 1.77 -2.08	32.03 1.67 -0.60	30.50 1.73 0.00	28.02 1.31 0.00
FALCON____SEABRD_CC1 323796	28.25 -0.06 0.00	25.89 -0.10 0.00	25.47 0.05 0.00	23.70 -0.02 0.00	22.48 0.04 0.00	22.89 0.09 0.00	20.83 -0.06 0.00	17.24 -0.23 0.00	20.37 -0.16 0.00	25.70 -0.13 0.00	27.58 -0.03 0.00	28.90 -0.03 0.00	30.02 -0.12 0.00	31.27 -0.22 0.00	31.83 -0.19 0.00	35.06 -0.18 0.00	42.36 -0.30 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.24 -0.07 0.00	30.51 -0.03 0.00	29.59 -0.18 0.00	28.51 -0.26 0.00	26.66 -0.05 0.00
FALCON____SEABRD_CC2 323797	28.25 -0.06 0.00	25.89 -0.10 0.00	25.47 0.05 0.00	23.70 -0.02 0.00	22.48 0.04 0.00	22.89 0.09 0.00	20.83 -0.06 0.00	17.24 -0.23 0.00	20.37 -0.16 0.00	25.70 -0.13 0.00	27.58 -0.03 0.00	28.90 -0.03 0.00	30.02 -0.12 0.00	31.27 -0.22 0.00	31.83 -0.19 0.00	35.06 -0.18 0.00	42.36 -0.30 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.24 -0.07 0.00	30.51 -0.03 0.00	29.59 -0.18 0.00	28.51 -0.26 0.00	26.66 -0.05 0.00
FAR ROCKAWAY____4 23548	34.74 2.66 -3.77	33.19 2.44 -4.75	30.39 2.13 -2.84	26.78 1.99 -1.06	24.31 1.86 -0.02	24.67 1.85 -0.02	24.99 2.01 -2.09	28.24 1.83 -8.94	30.32 2.20 -7.59	34.29 2.76 -5.70	35.43 2.87 -4.95	36.82 3.01 -4.88	39.60 2.89 -6.57	43.55 3.05 -9.00	44.76 3.14 -9.61	50.09 3.38 -11.48	54.13 4.35 -7.12	56.22 4.44 -8.27	55.61 4.20 -8.58	41.63 3.19 -4.13	37.29 2.81 -3.95	37.39 2.68 -4.95	36.00 2.99 -4.23	33.07 2.40 -3.96
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.92 1.84 -0.77	27.89 1.66 -0.23	26.79 1.37 0.00	24.99 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.79 2.18 0.00	31.16 2.23 0.00	32.55 2.41 0.00	33.98 2.49 0.00	34.55 2.53 0.00	37.87 2.64 0.00	46.28 3.63 0.00	47.21 3.70 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.79 2.23 -2.02	32.40 2.05 -0.58	30.99 2.22 0.00	28.36 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.92 1.84 -0.77	27.89 1.66 -0.23	26.79 1.37 0.00	24.99 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.79 2.18 0.00	31.16 2.23 0.00	32.55 2.41 0.00	33.98 2.49 0.00	34.55 2.53 0.00	37.91 2.68 0.00	46.28 3.63 0.00	47.21 3.70 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.79 2.23 -2.02	32.43 2.08 -0.58	31.01 2.24 0.00	28.36 1.66 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.08 2.07 -0.19	29.79 2.18 0.00	31.13 2.20 0.00	32.52 2.38 0.00	33.95 2.46 0.00	34.51 2.50 0.00	37.87 2.64 0.00	46.24 3.58 0.00	47.17 3.66 0.00	47.13 3.34 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.40 2.05 -0.58	30.99 2.22 0.00	28.34 1.63 0.00

FARRAGUT___LBMP 323566	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	27.01 1.62 -4.85	28.05 2.04 -0.19	29.76 2.15 0.00	31.10 2.17 0.00	32.49 2.35 0.00	33.92 2.42 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.09 3.30 -0.96	36.71 2.40 0.00	34.73 2.17 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.31 1.60 0.00
FENNER___WINDPWR 24204	28.98 0.60 -0.08	26.43 0.41 -0.03	25.72 0.31 0.00	23.99 0.26 0.00	22.59 0.16 0.00	22.96 0.16 0.00	21.32 0.19 -0.23	18.36 0.31 -0.58	21.43 0.35 -0.54	26.34 0.49 -0.02	28.16 0.55 0.00	29.57 0.64 0.00	30.83 0.69 0.00	32.37 0.88 0.00	32.88 0.86 0.00	36.25 1.02 0.00	43.81 1.15 0.00	44.68 1.13 -0.03	44.13 1.20 -0.10	35.37 1.06 0.00	31.64 0.89 -0.21	30.60 0.77 -0.06	29.52 0.75 0.00	27.27 0.56 0.00
FIBERTEK___ENERGY 23856	28.25 -0.06 0.00	25.88 -0.13 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.12 -0.31 0.00	22.51 -0.30 0.00	20.93 -0.17 -0.20	17.98 0.02 -0.49	21.02 0.02 -0.47	25.89 0.05 -0.02	27.69 0.08 0.00	29.05 0.12 0.00	30.29 0.15 0.00	31.81 0.31 0.00	32.34 0.32 0.00	35.65 0.42 0.00	43.04 0.38 0.00	43.94 0.35 -0.08	43.13 0.30 0.00	34.62 0.31 0.00	30.72 0.18 0.00	29.91 0.15 0.00	28.89 0.12 0.00	26.79 0.08 0.00
FITZPATRICK____ 23598	27.46 -0.85 0.00	25.20 -0.81 -0.01	24.53 -0.89 0.00	22.87 -0.85 0.00	21.63 -0.81 0.00	21.98 -0.82 0.00	20.34 -0.67 -0.12	17.33 -0.44 -0.30	20.28 -0.53 -0.28	25.14 -0.70 -0.01	26.89 -0.72 0.00	28.18 -0.75 0.00	29.38 -0.75 0.00	30.77 -0.72 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.59 -1.06 0.00	42.00 -1.09 0.43	41.76 -1.07 0.00	33.49 -0.82 0.00	29.81 -0.73 0.00	29.02 -0.74 0.00	28.02 -0.75 0.00	26.01 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	35.22 3.14 -3.77	33.56 2.81 -4.75	30.72 2.47 -2.84	27.04 2.25 -1.06	24.56 2.11 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.76 3.23 -5.70	35.90 3.34 -4.95	37.11 3.30 -4.88	40.42 3.71 -6.58	44.42 3.91 -9.02	45.58 3.94 -9.63	50.95 4.23 -11.49	55.02 5.25 -7.12	57.27 5.48 -8.27	56.94 5.18 -8.93	48.88 3.98 -10.59	46.91 3.63 -12.73	40.97 3.48 -7.72	36.54 3.54 -4.24	33.67 2.99 -3.97
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.93 1.84 -0.78	27.92 1.69 -0.24	26.79 1.37 0.00	25.03 1.31 0.00	23.62 1.19 0.00	23.97 1.16 0.00	24.33 1.34 -2.10	23.83 1.19 -5.18	26.87 1.46 -4.88	27.87 1.86 -0.19	29.49 1.88 0.00	30.84 1.91 0.00	32.25 2.11 0.00	33.70 2.20 0.00	34.32 2.31 0.00	37.70 2.47 0.00	45.94 3.28 0.00	46.91 3.39 0.00	47.02 3.21 -0.97	36.78 2.47 0.00	34.76 2.17 -2.05	32.35 1.99 -0.59	30.73 1.96 0.00	28.23 1.52 0.00
FORT ORANGE____ 23900	31.27 1.33 -1.63	27.58 1.25 -0.34	26.46 1.04 0.00	24.70 0.97 0.00	23.40 0.96 0.00	23.72 0.91 0.00	24.52 0.96 -2.66	24.86 0.82 -6.57	27.66 0.95 -6.18	27.28 1.21 -0.24	28.93 1.33 0.00	30.20 1.27 0.00	31.28 1.14 0.00	32.78 1.29 0.00	33.30 1.28 0.00	36.64 1.41 0.00	44.53 1.87 0.00	45.52 2.00 0.00	46.84 1.97 -2.04	35.85 1.55 0.00	36.21 1.38 -4.29	32.31 1.31 -1.24	30.01 1.24 0.00	27.62 0.91 0.00
FORT_DRUM_COGEN 23780	28.62 0.31 0.00	26.00 0.00 -0.01	25.34 -0.08 0.00	23.66 -0.07 0.00	22.16 -0.27 0.00	22.55 -0.25 0.00	20.70 -0.29 -0.10	17.62 -0.10 -0.25	20.55 -0.23 -0.24	25.63 -0.21 -0.01	27.53 -0.08 0.00	28.85 -0.09 0.00	29.87 -0.27 0.00	31.43 -0.06 0.00	31.82 -0.19 0.00	35.20 -0.04 0.00	42.66 0.00 0.00	43.54 -0.04 0.51	43.35 0.51 0.75	35.06 0.75 0.64	31.18 0.64 0.51	30.27 0.51 0.55	29.32 0.55 0.27	26.98 0.27 0.00
FPL_FAR_ROCK_GT1 24212	34.74 2.66 -3.77	33.19 2.44 -4.75	30.39 2.14 -2.84	26.78 1.99 -1.06	24.31 1.86 -0.02	24.66 1.85 -0.02	24.99 2.01 -2.09	28.24 1.83 -8.94	30.32 2.20 -7.59	34.29 2.76 -5.70	35.43 2.87 -4.95	36.82 3.01 -4.88	39.60 2.89 -6.57	43.55 3.05 -9.00	44.76 3.14 -9.61	50.09 3.38 -11.48	54.13 4.35 -7.12	56.23 4.44 -8.27	55.56 4.15 -8.58	41.63 3.19 -4.13	37.33 2.84 -3.95	37.39 2.68 -4.95	36.02 3.02 -4.23	33.07 2.40 -3.96
FPL_FAR_ROCK_GT2 23815	34.74 2.66 -3.77	33.19 2.44 -4.75	30.39 2.14 -2.84	26.78 1.99 -1.06	24.31 1.86 -0.02	24.66 1.85 -0.02	24.99 2.01 -2.09	28.24 1.83 -8.94	30.32 2.20 -7.59	34.29 2.76 -5.70	35.43 2.87 -4.95	36.82 3.01 -4.88	39.60 2.89 -6.57	43.55 3.05 -9.00	44.76 3.14 -9.61	50.09 3.38 -11.48	54.13 4.35 -7.12	56.23 4.44 -8.27	55.56 4.15 -8.58	41.63 3.19 -4.13	37.33 2.84 -3.95	37.39 2.68 -4.95	36.02 3.02 -4.23	33.07 2.40 -3.96
FRANKLIN_FALL_HYD 24054	28.08 -0.23 0.00	25.73 -0.26 0.00	25.37 -0.05 0.00	23.63 -0.09 0.00	22.41 -0.02 0.00	22.83 0.02 0.00	20.75 -0.15 0.00	17.13 -0.33 0.00	20.25 -0.29 0.00	25.54 -0.28 0.00	27.42 -0.19 0.00	28.76 -0.17 0.00	29.90 -0.24 0.00	31.11 -0.38 0.00	31.66 -0.35 0.00	34.88 -0.35 0.00	42.15 -0.51 0.00	43.03 -0.48 0.00	42.49 -0.34 0.00	34.07 -0.24 0.00	30.42 -0.12 0.00	29.47 -0.30 0.00	28.40 -0.37 0.00	26.60 -0.11 0.00
FREEPORT_EQUS_GT1 23764	34.57 2.49 -3.77	33.04 2.29 -4.75	30.24 1.98 -2.84	26.64 1.85 -1.06	24.18 1.73 -0.02	24.53 1.71 -0.02	24.88 1.90 -2.09	28.16 1.75 -8.94	30.19 2.07 -7.59	34.13 2.61 -5.70	35.24 2.68 -4.95	36.56 2.75 -4.88	39.70 2.98 -6.58	43.49 2.99 -9.00	44.70 3.07 -9.61	49.99 3.28 -11.48	54.04 4.27 -7.12	56.18 4.39 -8.27	55.52 4.11 -8.58	41.61 3.12 -4.18	37.48 2.93 -4.01	37.50 2.77 -4.97	35.85 2.85 -4.23	32.94 2.27 -3.96
FREEPORT___CT2 23818	34.57 2.49 -3.77	33.04 2.29 -4.75	30.24 1.98 -2.84	26.64 1.85 -1.06	24.18 1.73 -0.02	24.53 1.71 -0.02	24.88 1.90 -2.09	28.16 1.75 -8.94	30.19 2.07 -7.59	34.13 2.61 -5.70	35.24 2.68 -4.95	36.56 2.75 -4.88	39.70 2.98 -6.58	43.49 2.99 -9.00	44.70 3.07 -9.61	49.99 3.28 -11.48	54.04 4.27 -7.12	56.18 4.39 -8.27	55.52 4.11 -8.58	41.61 3.12 -4.18	37.48 2.93 -4.01	37.50 2.77 -4.97	35.85 2.85 -4.23	32.94 2.27 -3.96
FRESHKLS_33_KV_LOAD 356253	31.15 2.07 -0.78	28.11 1.87 -0.24	26.97 1.55 -0.01	25.14 1.40 -0.01	23.73 1.30 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.85 2.24 -0.01	31.20 2.26 -0.01	32.54 2.41 0.01	33.97 2.49 0.01	34.57 2.56 0.01	37.97 2.75 0.01	46.45 3.80 0.01	47.38 3.87 0.01	47.38 3.60 -0.95	36.81 2.50 0.01	34.84 2.29 -2.02	32.40 2.05 -0.58	31.19 2.42 -0.01	28.53 1.82 0.00
FULTON COGEN____ 23766	27.80 -0.51 0.00	25.49 -0.52 -0.01	24.76 -0.66 0.00	23.09 -0.64 0.00	21.80 -0.63 0.00	22.19 -0.62 0.00	20.57 -0.48 -0.16	17.61 -0.24 -0.39	20.62 -0.29 -0.37	25.45 -0.39 -0.01	27.22 -0.39 0.00	28.56 -0.38 0.00	29.75 -0.39 0.00	31.18 -0.31 0.00	31.73 -0.29 0.00	34.95 -0.28 0.00	42.23 -0.43 0.00	43.17 -0.48 -0.14	42.36 -0.47 0.00	34.00 -0.31 0.00	30.20 -0.34 0.00	29.44 -0.33 0.00	28.42 -0.35 0.00	26.33 -0.37 0.00

FULTON___LFGE 323630	34.32 3.71 -2.31	29.62 3.20 -0.43	28.29 2.87 0.00	26.36 2.63 0.00	24.99 2.56 0.00	25.31 2.51 0.00	26.47 2.40 -3.18	27.37 2.06 -7.84	30.34 2.42 -7.38	29.13 3.02 -0.28	30.78 3.17 0.00	32.35 3.41 0.00	33.69 3.55 0.00	35.46 3.97 0.00	36.18 4.16 0.00	39.88 4.65 0.00	48.50 5.84 0.00	49.91 6.40 0.00	52.27 6.55 -2.88	39.70 5.39 0.00	41.50 4.88 -6.07	36.46 4.94 -1.75	33.03 4.26 0.00	30.16 3.45 0.00
G.F.CEMENT___DRP 24184	33.00 2.24 -2.46	28.37 1.98 -0.40	27.17 1.75 0.00	25.32 1.59 0.00	24.00 1.57 0.00	24.33 1.53 0.00	25.18 1.50 -2.78	25.61 1.28 -6.87	28.58 1.58 -6.47	28.14 2.07 -0.25	29.62 2.02 0.00	31.05 2.11 0.00	32.37 2.23 0.00	33.79 2.30 0.00	34.35 2.34 0.00	37.84 2.61 0.00	45.77 3.11 0.00	46.69 3.18 0.00	49.46 3.55 -3.07	37.12 2.81 0.00	39.84 2.84 -6.46	34.45 2.83 -1.86	31.22 2.45 0.00	28.60 1.90 0.00
GARDENVILLE___LBMP 24039	27.95 -0.48 -0.12	25.30 -0.73 -0.04	24.40 -1.02 0.00	22.64 -1.09 0.00	21.54 -0.90 0.00	21.94 -0.87 0.00	20.49 -0.73 -0.32	18.11 -0.16 -0.80	21.10 -0.18 -0.75	25.85 0.00 -0.03	27.58 -0.03 0.00	29.19 0.26 0.00	30.47 0.33 0.00	31.93 0.44 0.00	32.53 0.51 0.00	35.97 0.74 0.00	42.27 -0.38 0.00	43.60 0.09 0.00	42.68 -0.30 -0.15	34.62 0.31 0.00	30.92 0.06 -0.32	30.18 0.33 -0.09	28.86 0.09 0.00	27.11 0.40 0.00
GARDNVLA_35_KV_LD 355827	28.06 -0.37 -0.12	25.38 -0.65 -0.04	24.48 -0.94 0.00	22.71 -1.02 0.00	21.62 -0.81 0.00	22.03 -0.78 0.00	20.55 -0.67 -0.33	18.17 -0.10 -0.80	21.17 -0.12 -0.76	25.96 0.10 -0.03	27.72 0.11 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.09 0.60 0.00	32.72 0.70 0.00	36.15 0.92 0.00	42.44 -0.21 0.00	43.86 0.35 0.00	42.90 -0.09 -0.15	34.79 0.48 0.00	31.07 0.21 -0.32	30.33 0.48 -0.09	29.00 0.23 0.00	27.22 0.51 0.00
GELCKHM___115KV_LOAD 80723	28.02 -0.28 0.00	25.67 -0.34 -0.02	24.93 -0.48 0.00	23.25 -0.47 0.00	21.96 -0.47 0.00	22.35 -0.46 0.00	20.76 -0.31 -0.18	17.79 -0.12 -0.45	20.81 -0.14 -0.42	25.66 -0.18 -0.02	27.44 -0.17 0.00	28.79 -0.14 0.00	30.02 -0.12 0.00	31.46 -0.03 0.00	32.02 0.00 0.00	35.27 0.04 0.00	42.57 -0.09 0.00	43.48 -0.09 -0.05	42.70 -0.13 0.00	34.27 -0.03 0.00	30.42 -0.12 0.00	29.64 -0.12 0.00	28.63 -0.14 0.00	26.55 -0.16 0.00
GENERAL___MILLS 23808	28.00 -0.42 -0.12	25.35 -0.68 -0.04	24.45 -0.97 0.00	22.66 -1.07 0.00	21.58 -0.85 0.00	21.98 -0.82 0.00	20.51 -0.71 -0.33	18.13 -0.14 -0.80	21.13 -0.16 -0.76	25.91 0.05 -0.03	27.66 0.06 0.00	29.25 0.32 0.00	30.56 0.42 0.00	32.03 0.54 0.00	32.62 0.61 0.00	36.08 0.85 0.00	42.36 -0.30 0.00	43.73 0.22 0.00	42.81 -0.17 -0.15	34.69 0.38 0.00	31.01 0.15 -0.32	30.27 0.42 -0.09	28.94 0.17 0.00	27.16 0.45 0.00
GE_PLASTICS___DRP 24183	30.92 1.13 -1.48	27.39 1.07 -0.33	26.31 0.89 0.00	24.56 0.83 0.00	23.26 0.83 0.00	23.60 0.80 0.00	24.41 0.86 -2.67	24.79 0.75 -6.57	27.59 0.86 -6.19	27.17 1.11 -0.24	28.77 1.16 0.00	30.09 1.16 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.20 1.18 0.00	36.50 1.27 0.00	44.32 1.66 0.00	45.21 1.70 0.00	46.35 1.67 -1.85	35.61 1.30 0.00	35.60 1.16 -3.90	31.99 1.10 -1.12	29.86 1.09 0.00	27.48 0.77 0.00
GILBOA___1 23756	30.00 0.99 -0.70	27.23 1.01 -0.23	26.23 0.81 0.00	24.49 0.76 0.00	23.15 0.72 0.00	23.51 0.71 0.00	23.67 0.73 -2.05	23.20 0.68 -5.05	26.09 0.80 -4.76	27.04 1.03 -0.18	28.66 1.05 0.00	30.00 1.07 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.23 1.22 0.00	36.50 1.27 0.00	44.37 1.71 0.00	45.26 1.74 0.00	45.34 1.63 -0.88	35.58 1.27 0.00	33.52 1.13 -1.85	31.37 1.07 -0.53	29.86 1.09 0.00	27.54 0.83 0.00
GILBOA___2 23757	30.00 0.99 -0.70	27.23 1.01 -0.23	26.23 0.81 0.00	24.49 0.76 0.00	23.15 0.72 0.00	23.51 0.71 0.00	23.67 0.73 -2.05	23.20 0.68 -5.05	26.09 0.80 -4.76	27.04 1.03 -0.18	28.66 1.05 0.00	30.00 1.07 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.23 1.22 0.00	36.50 1.27 0.00	44.37 1.71 0.00	45.26 1.74 0.00	45.34 1.63 -0.88	35.58 1.27 0.00	33.52 1.13 -1.85	31.37 1.07 -0.53	29.86 1.09 0.00	27.54 0.83 0.00
GILBOA___3 23758	30.00 0.99 -0.70	27.23 1.01 -0.23	26.23 0.81 0.00	24.49 0.76 0.00	23.15 0.72 0.00	23.51 0.71 0.00	23.67 0.73 -2.05	23.20 0.68 -5.05	26.09 0.80 -4.76	27.04 1.03 -0.18	28.66 1.05 0.00	30.00 1.07 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.23 1.22 0.00	36.50 1.27 0.00	44.37 1.71 0.00	45.26 1.74 0.00	45.34 1.63 -0.88	35.58 1.27 0.00	33.52 1.13 -1.85	31.37 1.07 -0.53	29.86 1.09 0.00	27.54 0.83 0.00
GILBOA___4 23759	30.00 0.99 -0.70	27.23 1.01 -0.23	26.23 0.81 0.00	24.49 0.76 0.00	23.15 0.72 0.00	23.51 0.71 0.00	23.67 0.73 -2.05	23.20 0.68 -5.05	26.09 0.80 -4.76	27.04 1.03 -0.18	28.66 1.05 0.00	30.00 1.07 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.23 1.22 0.00	36.50 1.27 0.00	44.37 1.71 0.00	45.26 1.74 0.00	45.34 1.63 -0.88	35.58 1.27 0.00	33.52 1.13 -1.85	31.37 1.07 -0.53	29.86 1.09 0.00	27.54 0.83 0.00
GILBOA___ 23599	30.00 0.99 -0.70	27.21 0.99 -0.23	26.23 0.81 0.00	24.49 0.76 0.00	23.15 0.72 0.00	23.51 0.71 0.00	23.67 0.73 -2.05	23.20 0.68 -5.05	26.09 0.80 -4.76	27.04 1.03 -0.18	28.66 1.05 0.00	30.00 1.07 0.00	31.25 1.12 0.00	32.69 1.20 0.00	33.23 1.22 0.00	36.50 1.27 0.00	44.32 1.66 0.00	45.21 1.70 0.00	45.34 1.63 -0.88	35.58 1.27 0.00	33.49 1.10 -1.85	31.37 1.07 -0.53	29.86 1.09 0.00	27.54 0.83 0.00
GINNA___ 23603	26.91 -1.47 -0.08	24.56 -1.46 -0.03	23.64 -1.78 0.00	22.00 -1.73 0.00	20.80 -1.64 0.00	21.21 -1.60 0.00	19.91 -1.21 -0.23	17.24 -0.80 -0.57	20.17 -0.90 -0.54	24.74 -1.11 -0.02	26.53 -1.08 0.00	27.98 -0.95 0.00	29.20 -0.93 0.00	30.67 -0.82 0.00	31.25 -0.77 0.00	34.46 -0.78 0.00	41.12 -1.53 0.00	41.99 -1.52 0.00	41.26 -1.67 -0.10	33.11 -1.20 0.00	29.65 -1.10 -0.21	28.78 -1.04 -0.06	27.65 -1.12 0.00	25.77 -0.94 0.00
GLEN PARK___ 23778	28.76 0.45 0.00	26.13 0.13 -0.01	25.47 0.05 0.00	23.75 0.02 0.00	22.23 -0.20 0.00	22.62 -0.18 0.00	20.77 -0.23 -0.11	17.69 -0.03 -0.26	20.64 -0.14 -0.25	25.71 -0.13 -0.01	27.64 0.03 0.00	28.96 0.03 0.00	29.96 -0.18 0.00	31.56 0.06 0.00	31.92 -0.10 0.00	35.34 0.11 0.00	42.87 0.21 0.00	43.71 0.13 -0.07	43.60 0.77 0.00	35.30 1.00 0.00	31.42 0.89 0.00	30.48 0.71 0.00	29.52 0.75 0.00	27.11 0.40 0.00
GLENDALE_27_KV_LOAD 356172	31.15 2.07 -0.78	28.11 1.87 -0.24	26.97 1.55 -0.01	25.16 1.42 -0.01	23.73 1.30 0.00	24.03 1.23 0.00	24.49 1.50 -2.09	24.11 1.48 -5.16	27.15 1.77 -4.85	28.28 2.27 -0.19	30.02 2.40 -0.01	31.40 2.46 -0.01	32.80 2.65 -0.01	34.24 2.74 -0.01	34.81 2.79 -0.01	38.20 2.96 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.57 3.77 -0.97	37.02 2.71 0.00	35.04 2.47 -2.03	32.64 2.29 -0.58	31.22 2.45 -0.01	28.59 1.87 -0.01

GLENWOOD_IC_1_G5 23712	34.26 2.18 -3.77	32.75 2.00 -4.75	29.95 1.70 -2.84	26.35 1.57 -1.06	23.93 1.48 -0.02	24.28 1.46 -0.02	24.63 1.65 -2.09	27.95 1.54 -8.94	29.97 1.85 -7.59	33.88 2.35 -5.70	34.85 2.29 -4.95	36.15 2.34 -4.88	39.24 2.53 -6.58	43.17 2.68 -9.00	44.35 2.72 -9.61	49.60 2.89 -11.48	53.57 3.80 -7.12	55.66 3.87 -8.27	55.05 3.64 -8.58	41.19 2.71 -4.17	36.96 2.41 -4.01	37.00 2.26 -4.97	35.51 2.50 -4.23	32.65 1.98 -3.96
GLENWOOD_IC_2_G1 23688	34.06 1.98 -3.77	32.57 1.82 -4.75	29.80 1.55 -2.84	26.21 1.42 -1.06	23.77 1.32 -0.02	24.12 1.30 -0.02	24.51 1.52 -2.09	27.84 1.43 -8.94	29.82 1.70 -7.59	33.70 2.17 -5.70	34.79 2.24 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.48 3.71 -7.12	55.57 3.78 -8.27	54.92 3.51 -8.58	41.12 2.68 -4.13	36.87 2.38 -3.95	36.95 2.23 -4.95	35.31 2.30 -4.23	32.46 1.79 -3.96
GLENWOOD_IC_3_G1 23689	34.06 1.98 -3.77	32.57 1.82 -4.75	29.80 1.55 -2.84	26.21 1.42 -1.06	23.77 1.32 -0.02	24.12 1.30 -0.02	24.51 1.52 -2.09	27.84 1.43 -8.94	29.82 1.70 -7.59	33.70 2.17 -5.70	34.79 2.24 -4.95	36.09 2.29 -4.88	39.18 2.47 -6.57	43.08 2.58 -9.00	44.25 2.63 -9.61	49.53 2.82 -11.48	53.48 3.71 -7.12	55.57 3.78 -8.27	54.92 3.51 -8.58	41.12 2.68 -4.13	36.87 2.38 -3.95	36.95 2.23 -4.95	35.31 2.30 -4.23	32.46 1.79 -3.96
GLENWOOD___4 23550	34.26 2.18 -3.77	32.75 2.00 -4.75	29.95 1.70 -2.84	26.35 1.57 -1.06	23.93 1.48 -0.02	24.28 1.46 -0.02	24.63 1.65 -2.09	27.95 1.54 -8.94	29.97 1.85 -7.59	33.88 2.35 -5.70	34.91 2.35 -4.95	36.24 2.43 -4.88	39.33 2.62 -6.58	43.23 2.74 -9.00	44.41 2.79 -9.61	49.70 2.99 -11.48	53.70 3.92 -7.12	55.79 4.00 -8.27	55.14 3.73 -8.58	41.30 2.81 -4.17	37.05 2.50 -4.01	37.09 2.35 -4.97	35.51 2.50 -4.23	32.65 1.98 -3.96
GLENWOOD___5 23614	34.26 2.18 -3.77	32.75 2.00 -4.75	29.95 1.70 -2.84	26.35 1.57 -1.06	23.93 1.48 -0.02	24.28 1.46 -0.02	24.63 1.65 -2.09	27.95 1.54 -8.94	29.97 1.85 -7.59	33.88 2.35 -5.70	34.91 2.35 -4.95	36.24 2.43 -4.88	39.33 2.62 -6.58	43.23 2.74 -9.00	44.41 2.79 -9.61	49.70 2.99 -11.48	53.70 3.92 -7.12	55.79 4.00 -8.27	55.14 3.73 -8.58	41.30 2.81 -4.17	37.05 2.50 -4.01	37.09 2.35 -4.97	35.51 2.50 -4.23	32.65 1.98 -3.96
GLOBAL GREEN_PORT_GT1 23814	36.60 4.53 -3.77	34.80 4.05 -4.75	31.91 3.66 -2.84	28.08 3.30 -1.06	25.57 3.12 -0.02	25.97 3.15 -0.02	26.16 3.17 -2.09	29.29 3.53 -8.94	31.65 4.68 -7.59	36.20 4.94 -5.70	37.50 4.89 -4.95	38.70 5.54 -4.88	42.26 5.83 -6.58	46.33 5.86 -9.01	47.49 6.34 -9.62	53.06 6.34 -11.49	57.75 7.97 -7.12	60.27 8.49 -8.27	59.85 8.18 -8.84	49.67 6.38 -8.98	46.55 5.47 -10.55	42.00 5.21 -7.03	38.24 5.24 -4.23	35.19 4.51 -3.97
GLOBE___DSASP 323697	27.31 -1.10 -0.11	24.83 -1.20 -0.03	23.87 -1.55 0.00	22.14 -1.59 0.00	20.82 -1.62 0.00	21.43 -1.37 0.00	20.04 -1.15 -0.30	17.58 -0.63 -0.74	20.47 -0.76 -0.70	24.87 -0.98 -0.03	26.53 -1.08 0.00	28.07 -0.87 0.00	29.32 -0.81 0.00	30.64 -0.85 0.00	31.25 -0.77 0.00	34.53 -0.70 0.00	40.40 -2.26 0.00	41.73 -1.78 0.00	40.87 -2.10 -0.14	33.21 -1.10 0.00	29.67 -1.16 -0.29	28.98 -0.86 -0.08	27.76 -1.01 0.00	26.15 -0.56 0.00
GOETHSLN___LBMP 323567	30.72 1.64 -0.77	27.71 1.48 -0.23	26.61 1.19 0.00	24.82 1.09 0.00	23.44 1.01 0.00	23.78 0.98 0.00	24.26 1.27 -2.09	23.88 1.26 -5.16	26.93 1.54 -4.85	27.95 1.94 -0.19	29.62 2.02 0.00	30.96 2.03 0.00	32.34 2.20 0.00	33.76 2.27 0.00	34.29 2.27 0.00	37.59 2.36 0.00	45.94 3.28 0.00	46.86 3.35 0.00	46.83 3.04 -0.96	36.50 2.20 0.00	34.55 1.99 -2.02	32.22 1.88 -0.58	30.81 2.04 0.00	28.18 1.47 0.00
GOLAH___69_KV_TB 1_2 80279	28.17 -0.23 -0.09	25.71 -0.31 -0.03	24.70 -0.71 0.00	22.95 -0.78 0.00	21.76 -0.67 0.00	22.21 -0.59 0.00	20.87 -0.27 -0.24	18.09 0.02 -0.60	21.14 0.04 -0.57	25.82 -0.03 -0.02	27.55 -0.06 0.00	28.99 0.06 0.00	30.26 0.12 0.00	31.68 0.19 0.00	32.43 0.42 0.00	35.76 0.53 0.00	42.36 -0.30 0.00	43.64 0.13 0.00	42.81 -0.13 -0.11	34.65 0.34 0.00	30.95 0.18 -0.22	30.13 0.30 -0.06	28.91 0.14 0.00	27.06 0.35 0.00
GOODYEAR_LAKE_HYD 323669	30.54 1.33 -0.90	27.20 1.12 -0.09	26.36 0.94 0.00	24.58 0.85 0.00	23.17 0.74 0.00	23.55 0.75 0.00	22.01 0.75 -0.36	19.18 0.82 -0.90	22.32 0.94 -0.84	27.12 1.27 -0.03	28.93 1.33 0.00	30.38 1.45 0.00	31.70 1.57 0.00	33.29 1.80 0.00	33.78 1.76 0.00	37.24 2.01 0.00	45.09 2.43 0.00	46.05 2.52 -0.01	46.48 2.53 -1.13	36.33 2.02 0.00	34.68 1.77 -2.37	32.11 1.67 -0.68	30.38 1.61 0.00	27.94 1.23 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.84 0.28 -0.25	26.19 0.13 -0.07	25.37 -0.05 0.00	23.66 -0.07 0.00	22.34 -0.09 0.00	22.73 -0.07 0.00	21.50 0.00 -0.61	19.18 0.21 -1.51	22.22 0.27 -1.42	26.29 0.41 -0.05	28.05 0.44 0.00	29.45 0.52 0.00	30.74 0.60 0.00	32.25 0.76 0.00	32.78 0.77 0.00	36.15 0.92 0.00	43.47 0.81 0.00	44.46 0.91 -0.03	43.96 0.81 -0.32	35.13 0.82 0.00	31.82 0.61 -0.67	30.58 0.63 -0.19	29.35 0.58 0.00	27.22 0.51 0.00
GOUDEY___7 23579	28.87 0.31 -0.25	26.22 0.16 -0.07	25.39 -0.03 0.00	23.68 -0.05 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	21.52 0.02 -0.61	19.20 0.23 -1.51	22.24 0.29 -1.42	26.32 0.44 -0.05	28.08 0.47 0.00	29.48 0.55 0.00	30.80 0.66 0.00	32.28 0.79 0.00	32.85 0.83 0.00	36.22 0.99 0.00	43.51 0.85 0.00	44.54 1.00 -0.03	44.05 0.90 -0.32	35.17 0.86 0.00	31.85 0.64 -0.67	30.61 0.65 -0.19	29.37 0.60 0.00	27.24 0.53 0.00
GOUDEY___8 23580	28.84 0.28 -0.25	26.19 0.13 -0.07	25.37 -0.05 0.00	23.66 -0.07 0.00	22.34 -0.09 0.00	22.73 -0.07 0.00	21.50 0.00 -0.61	19.18 0.21 -1.51	22.22 0.27 -1.42	26.29 0.41 -0.05	28.05 0.44 0.00	29.45 0.52 0.00	30.74 0.60 0.00	32.25 0.76 0.00	32.78 0.77 0.00	36.15 0.92 0.00	43.47 0.81 0.00	44.46 0.91 -0.03	43.96 0.81 -0.32	35.13 0.82 0.00	31.82 0.61 -0.67	30.58 0.63 -0.19	29.35 0.58 0.00	27.22 0.51 0.00
GOWANUS_GT1_1 24077	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT1_2 24078	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01

GOWANUS_GT1_3 24079	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT1_4 24080	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT1_5 24084	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT1_6 24111	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT1_7 24112	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT1_8 24113	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_1 24114	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_2 24115	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_3 24116	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_4 24117	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_5 24118	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_6 24119	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_7 24120	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT2_8 24121	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT3_1 24122	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01

GOWANUS_GT3_2 24123	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT3_3 24124	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT3_4 24125	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT3_5 24126	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT3_6 24127	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT3_7 24128	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT3_8 24129	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_1 24130	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_2 24131	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_3 24132	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_4 24133	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_5 24134	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_6 24135	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_7 24136	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GOWANUS_GT4_8 24137	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01

GREENBSH_115KV_TB3 55895	31.14 1.16 -1.67	27.40 1.07 -0.34	26.31 0.89 0.00	24.56 0.83 0.00	23.26 0.83 0.00	23.60 0.80 0.00	24.45 0.88 -2.68	24.82 0.75 -6.61	27.60 0.84 -6.22	27.15 1.08 -0.24	28.77 1.16 0.00	30.09 1.16 0.00	31.13 0.99 0.00	32.63 1.13 0.00	33.14 1.12 0.00	36.39 1.16 0.00	44.24 1.58 0.00	45.12 1.61 0.00	46.50 1.58 -2.09	35.54 1.24 0.00	36.03 1.10 -4.39	32.07 1.04 -1.26	29.78 1.01 0.00	27.40 0.69 0.00
GREENDGE_115KV_TB5 80291	28.71 0.25 -0.15	26.09 0.05 -0.04	25.19 -0.23 0.00	23.44 -0.28 0.00	22.14 -0.29 0.00	22.57 -0.23 0.00	21.21 -0.06 -0.38	18.63 0.23 -0.94	21.72 0.31 -0.88	26.32 0.46 -0.03	28.11 0.50 0.00	29.60 0.67 0.00	30.92 0.78 0.00	32.47 0.98 0.00	33.01 0.99 0.00	36.18 0.95 0.00	43.34 0.68 0.00	44.41 0.87 -0.02	43.87 0.86 -0.18	35.24 0.93 0.00	31.84 0.92 -0.38	30.80 0.92 -0.11	29.55 0.78 0.00	27.48 0.77 0.00
GREENIDGE___3 23582	28.71 0.25 -0.15	26.09 0.05 -0.04	25.19 -0.23 0.00	23.44 -0.28 0.00	22.14 -0.29 0.00	22.57 -0.23 0.00	21.21 -0.06 -0.38	18.63 0.23 -0.94	21.72 0.31 -0.88	26.32 0.46 -0.03	28.11 0.50 0.00	29.60 0.67 0.00	30.92 0.78 0.00	32.47 0.98 0.00	33.01 0.99 0.00	36.18 0.95 0.00	43.34 0.68 0.00	44.41 0.87 -0.02	43.87 0.86 -0.18	35.24 0.93 0.00	31.84 0.92 -0.38	30.80 0.92 -0.11	29.55 0.78 0.00	27.48 0.77 0.00
GREENIDGE___4 23583	28.71 0.25 -0.15	26.09 0.05 -0.04	25.19 -0.23 0.00	23.44 -0.28 0.00	22.14 -0.29 0.00	22.57 -0.23 0.00	21.21 -0.06 -0.38	18.63 0.23 -0.94	21.72 0.31 -0.88	26.32 0.47 -0.03	28.11 0.50 0.00	29.63 0.69 0.00	30.92 0.78 0.00	32.47 0.98 0.00	33.07 1.05 0.00	36.15 0.91 0.00	43.30 0.64 0.00	44.41 0.87 -0.02	43.87 0.86 -0.18	35.24 0.93 0.00	31.93 1.01 -0.38	30.80 0.92 -0.11	29.55 0.78 0.00	27.48 0.78 0.00
GREENLWN_69_KV_BK 3 55738	34.65 2.58 -3.77	33.09 2.34 -4.75	30.26 2.01 -2.84	26.66 1.87 -1.06	24.20 1.75 -0.02	24.55 1.73 -0.02	24.91 1.92 -2.09	28.17 1.76 -8.94	30.26 2.14 -7.59	34.24 2.71 -5.70	35.38 2.82 -4.95	36.68 2.86 -4.88	39.79 3.07 -6.58	43.71 3.21 -9.00	44.89 3.27 -9.61	50.20 3.49 -11.48	54.30 4.52 -7.12	56.40 4.61 -8.28	55.74 4.37 -8.54	41.07 3.33 -3.43	36.49 2.96 -2.99	37.24 2.83 -4.65	35.91 2.91 -4.24	33.05 2.38 -3.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
GRISSOM___SOLAR 323813	34.32 3.71 -2.31	29.62 3.20 -0.43	28.29 2.87 0.00	26.36 2.63 0.00	24.99 2.56 0.00	25.31 2.51 0.00	26.47 2.40 -3.18	27.37 2.06 -7.84	30.34 2.42 -7.38	29.13 3.02 -0.28	30.78 3.17 0.00	32.35 3.41 0.00	33.69 3.55 0.00	35.46 3.97 0.00	36.18 4.16 0.00	39.88 4.65 0.00	48.50 5.84 0.00	49.91 6.40 0.00	52.27 6.55 -2.88	39.70 5.39 0.00	41.50 4.88 -6.07	36.46 4.94 -1.75	33.03 4.26 0.00	30.16 3.45 0.00
GROVEVILLE___HYD 323602	30.93 1.84 -0.78	27.92 1.69 -0.24	26.79 1.37 0.00	25.03 1.31 0.00	23.62 1.19 0.00	23.97 1.16 0.00	24.33 1.34 -2.10	23.83 1.19 -5.18	26.87 1.46 -4.88	27.87 1.86 -0.19	29.49 1.88 0.00	30.84 1.91 0.00	32.25 2.11 0.00	33.70 2.20 0.00	34.32 2.31 0.00	37.70 2.47 0.00	45.94 3.28 0.00	46.91 3.39 0.00	47.02 3.21 -0.97	36.78 2.47 0.00	34.76 2.17 -2.05	32.35 1.99 -0.59	30.73 1.96 0.00	28.23 1.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.25 -0.06 0.00	25.88 -0.13 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.12 -0.31 0.00	22.51 -0.30 0.00	20.93 -0.17 -0.20	17.98 0.02 -0.49	21.02 0.02 -0.47	25.89 0.05 -0.02	27.69 0.08 0.00	29.05 0.12 0.00	30.29 0.15 0.00	31.81 0.31 0.00	32.34 0.32 0.00	35.65 0.42 0.00	43.04 0.38 0.00	43.94 0.35 -0.08	43.13 0.30 0.00	34.62 0.31 0.00	30.72 0.18 0.00	29.91 0.15 0.00	28.89 0.12 0.00	26.79 0.08 0.00
HAMLTNNY_34_KV_TB 80303	28.38 0.00 -0.07	25.91 -0.10 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.96 -0.15 -0.21	18.04 0.05 -0.53	21.11 0.08 -0.50	25.95 0.10 -0.02	27.78 0.17 0.00	29.16 0.23 0.00	30.44 0.30 0.00	31.93 0.44 0.00	32.50 0.48 0.00	35.80 0.56 0.00	43.21 0.55 0.00	44.12 0.52 -0.08	43.39 0.47 -0.09	34.76 0.45 0.00	31.00 0.27 -0.19	30.09 0.27 -0.05	29.00 0.23 0.00	26.90 0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	28.02 -0.28 0.00	25.61 -0.39 0.00	25.14 -0.28 0.00	23.47 -0.26 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.57 -0.38 -0.05	17.20 -0.40 -0.13	20.17 -0.49 -0.13	25.29 -0.54 0.00	27.11 -0.50 0.00	28.44 -0.49 0.00	29.53 -0.60 0.00	30.93 -0.57 0.00	31.38 -0.64 0.00	34.60 -0.63 0.00	41.89 -0.77 0.00	42.71 -0.83 -0.03	42.36 -0.47 0.00	34.10 -0.20 0.00	30.36 -0.18 0.00	29.50 -0.27 0.00	28.54 -0.23 0.00	26.58 -0.13 0.00
HARDSCRABBLE_WT_PWR 323673	28.51 0.20 0.00	26.15 0.16 0.00	25.52 0.10 0.00	23.82 0.10 0.00	22.48 0.04 0.00	22.85 0.05 0.00	20.96 0.06 0.00	17.59 0.12 0.00	20.70 0.16 0.00	26.01 0.18 0.00	27.86 0.25 0.00	29.22 0.29 0.00	30.44 0.30 0.00	31.90 0.41 0.00	32.37 0.35 0.00	35.62 0.39 0.00	43.13 0.47 0.00	43.95 0.44 0.00	43.30 0.47 0.00	34.72 0.41 0.00	30.84 0.31 0.00	30.09 0.33 0.00	29.14 0.37 0.00	26.98 0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.63 1.61 -0.71	27.67 1.46 -0.22	26.59 1.17 0.00	24.82 1.09 0.00	23.44 1.01 0.00	23.78 0.98 0.00	24.01 1.19 -1.93	23.32 1.10 -4.75	26.34 1.33 -4.47	27.70 1.70 -0.17	29.35 1.74 0.00	30.70 1.76 0.00	32.07 1.93 0.00	33.54 2.05 0.00	34.13 2.11 0.00	37.52 2.29 0.00	45.64 2.99 0.00	46.60 3.09 0.00	46.59 2.87 -0.89	36.50 2.20 0.00	34.33 1.92 -1.86	32.12 1.82 -0.54	30.55 1.78 0.00	28.07 1.36 0.00
HARSNRAD_115KV_TB1 81005	27.68 -0.74 -0.11	25.14 -0.88 -0.03	24.15 -1.27 0.00	22.40 -1.33 0.00	21.38 -1.05 0.00	21.71 -1.09 0.00	20.37 -0.81 -0.29	17.93 -0.26 -0.73	20.89 -0.33 -0.68	25.49 -0.36 -0.03	27.22 -0.39 0.00	28.79 -0.14 0.00	30.08 -0.06 0.00	31.49 0.00 0.00	32.08 0.06 0.00	35.48 0.25 0.00	41.59 -1.07 0.00	42.95 -0.57 0.00	42.07 -0.90 -0.13	34.14 -0.17 0.00	30.49 -0.34 -0.28	29.79 -0.06 -0.08	28.48 -0.29 0.00	26.87 0.16 0.00
HARZA MOOSE___RIVER 24016	28.82 0.51 0.00	26.29 0.29 -0.01	25.65 0.23 0.00	23.92 0.19 0.00	22.50 0.07 0.00	22.89 0.09 0.00	21.00 0.04 -0.07	17.79 0.16 -0.17	20.84 0.14 -0.16	26.06 0.23 -0.01	27.94 0.33 0.00	29.31 0.38 0.00	30.50 0.36 0.00	32.06 0.57 0.00	32.50 0.48 0.00	35.87 0.63 0.00	43.43 0.77 0.00	44.23 0.70 -0.02	43.77 0.94 0.00	35.17 0.86 0.00	31.24 0.70 0.00	30.36 0.60 0.00	29.40 0.63 0.00	27.14 0.43 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	28.05 -0.25 0.00	25.70 -0.31 -0.02	24.96 -0.46 0.00	23.28 -0.45 0.00	21.98 -0.45 0.00	22.35 -0.46 0.00	20.76 -0.31 -0.18	17.83 -0.09 -0.45	20.85 -0.10 -0.42	25.69 -0.15 -0.02	27.47 -0.14 0.00	28.82 -0.12 0.00	30.02 -0.12 0.00	31.46 -0.03 0.00	32.02 0.00 0.00	35.30 0.07 0.00	42.57 -0.09 0.00	43.47 -0.09 -0.04	42.70 -0.13 0.00	34.27 -0.03 0.00	30.42 -0.12 0.00	29.64 -0.12 0.00	28.63 -0.14 0.00	26.52 -0.19 0.00
HELLGATE_13_KV_LD 55870	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.05 1.43 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.26 2.31 -0.01	32.65 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.35 3.83 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.11 2.33 -0.01	28.48 1.76 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.05 1.43 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.26 2.31 -0.01	32.65 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.35 3.83 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.11 2.33 -0.01	28.48 1.76 -0.01
HEMPSTEAD____ 23647	34.29 2.21 -3.77	32.78 2.03 -4.75	29.98 1.73 -2.84	26.40 1.61 -1.06	23.95 1.50 -0.02	24.30 1.48 -0.02	24.67 1.69 -2.09	27.98 1.57 -8.94	29.99 1.87 -7.59	33.88 2.35 -5.70	34.96 2.40 -4.95	36.24 2.43 -4.88	39.36 2.65 -6.58	43.23 2.74 -9.00	44.41 2.78 -9.61	49.70 2.99 -11.48	53.70 3.92 -7.12	55.79 4.00 -8.27	55.18 3.77 -8.58	41.33 2.85 -4.17	37.11 2.57 -4.01	37.14 2.41 -4.97	35.51 2.50 -4.23	32.65 1.98 -3.96
HEWLETT__69_KV_BK3 55828	34.57 2.49 -3.77	33.04 2.29 -4.75	30.26 2.01 -2.84	26.66 1.87 -1.06	24.20 1.75 -0.02	24.55 1.73 -0.02	24.91 1.92 -2.09	28.16 1.75 -8.94	30.21 2.09 -7.59	34.16 2.63 -5.70	35.26 2.71 -4.95	36.62 2.81 -4.88	39.54 2.83 -6.57	43.49 2.99 -9.00	44.70 3.07 -9.61	49.98 3.28 -11.48	54.04 4.27 -7.12	56.14 4.35 -8.27	55.48 4.07 -8.58	41.56 3.12 -4.13	37.23 2.75 -3.95	37.33 2.62 -4.95	35.82 2.82 -4.23	32.91 2.24 -3.96
HICKLING___1 23621	28.86 0.37 -0.19	26.15 0.10 -0.05	25.26 -0.15 0.00	23.51 -0.21 0.00	22.25 -0.18 0.00	22.64 -0.16 0.00	21.29 -0.08 -0.48	18.92 0.26 -1.19	22.01 0.35 -1.12	26.49 0.62 -0.04	28.24 0.64 0.00	29.77 0.84 0.00	31.13 0.99 0.00	32.69 1.20 0.00	33.26 1.25 0.00	36.71 1.48 0.00	43.81 1.15 0.00	44.93 1.39 -0.02	44.31 1.24 -0.24	35.61 1.30 0.00	32.02 0.98 -0.50	30.95 1.04 -0.14	29.69 0.92 0.00	27.64 0.93 0.00
HICKLING___2 23622	28.86 0.37 -0.19	26.15 0.10 -0.05	25.26 -0.15 0.00	23.51 -0.21 0.00	22.25 -0.18 0.00	22.64 -0.16 0.00	21.29 -0.08 -0.48	18.92 0.26 -1.19	22.01 0.35 -1.12	26.49 0.62 -0.04	28.24 0.64 0.00	29.77 0.84 0.00	31.13 0.99 0.00	32.69 1.20 0.00	33.26 1.25 0.00	36.71 1.48 0.00	43.81 1.15 0.00	44.93 1.39 -0.02	44.31 1.24 -0.24	35.61 1.30 0.00	32.02 0.98 -0.50	30.95 1.04 -0.14	29.69 0.92 0.00	27.64 0.93 0.00
HIGH FALLS___HY 23754	30.65 1.50 -0.84	27.58 1.35 -0.24	26.46 1.04 0.00	24.72 1.00 0.00	23.31 0.87 0.00	23.65 0.84 0.00	24.00 1.04 -2.07	23.52 0.96 -5.10	26.48 1.15 -4.80	27.51 1.50 -0.18	29.07 1.46 0.00	30.38 1.45 0.00	31.79 1.66 0.00	33.26 1.76 0.00	33.87 1.86 0.00	37.28 2.04 0.00	45.47 2.82 0.00	46.47 2.96 0.00	46.66 2.78 -1.05	36.44 2.13 0.00	34.61 1.86 -2.21	32.10 1.70 -0.64	30.47 1.70 0.00	27.99 1.28 0.00
HILLBURN___GT 23639	30.61 1.58 -0.72	27.67 1.45 -0.22	26.59 1.17 0.00	24.82 1.09 0.00	23.44 1.01 0.00	23.78 0.98 0.00	24.06 1.21 -1.96	23.46 1.15 -4.84	26.48 1.40 -4.55	27.78 1.78 -0.17	29.40 1.79 0.00	30.76 1.82 0.00	32.16 2.02 0.00	33.64 2.14 0.00	34.19 2.18 0.00	37.59 2.36 0.00	45.73 3.07 0.00	46.65 3.13 0.00	46.65 2.91 -0.90	36.51 2.20 0.00	34.39 1.96 -1.90	32.13 1.82 -0.55	30.61 1.84 0.00	28.10 1.39 0.00
HILLSIDE_115KV_TB1 80332	28.36 -0.14 -0.20	25.69 -0.36 -0.06	24.88 -0.53 0.00	23.16 -0.57 0.00	21.94 -0.49 0.00	22.30 -0.50 0.00	21.00 -0.40 -0.50	18.66 -0.03 -1.23	21.67 -0.02 -1.16	26.02 0.15 -0.04	27.72 0.11 0.00	29.19 0.26 0.00	30.53 0.39 0.00	32.03 0.54 0.00	32.56 0.54 0.00	35.94 0.70 0.00	42.87 0.21 0.00	43.97 0.44 -0.02	43.33 0.26 -0.25	34.79 0.48 0.00	31.36 0.31 -0.52	30.30 0.39 -0.15	29.09 0.32 0.00	27.08 0.37 0.00
HISHELDN_WT_PWR 323625	27.98 -0.45 -0.13	25.38 -0.65 -0.04	24.42 -0.99 0.00	22.68 -1.04 0.00	21.56 -0.88 0.00	21.98 -0.82 0.00	20.59 -0.65 -0.35	18.18 -0.14 -0.86	21.20 -0.14 -0.81	25.86 0.00 -0.03	27.58 -0.03 0.00	29.19 0.26 0.00	30.50 0.36 0.00	31.90 0.41 0.00	32.50 0.48 0.00	35.90 0.67 0.00	42.27 -0.38 0.00	43.56 0.04 0.00	42.82 -0.17 -0.16	34.65 0.34 0.00	31.19 0.31 -0.34	30.22 0.36 -0.10	28.91 0.14 0.00	27.11 0.40 0.00
HOLTSVILLE_IC_1 23690	35.02 2.94 -3.77	33.37 2.62 -4.75	30.59 2.34 -2.84	26.89 2.11 -1.06	24.42 1.97 -0.02	24.80 1.98 -0.02	25.12 2.13 -2.09	28.36 1.96 -8.94	30.46 2.34 -7.59	34.52 2.99 -5.70	35.65 3.09 -4.95	36.79 2.98 -4.88	40.09 3.37 -6.58	44.00 3.50 -9.01	45.19 3.55 -9.62	50.49 3.77 -11.49	54.60 4.82 -7.12	56.87 5.09 -8.27	56.46 4.80 -8.83	46.91 3.71 -8.89	44.29 3.33 -10.43	39.91 3.15 -6.99	36.34 3.34 -4.23	33.45 2.78 -3.97
HOLTSVILLE_IC_10 23699	35.22 3.14 -3.77	33.56 2.81 -4.75	30.74 2.49 -2.84	27.04 2.26 -1.06	24.58 2.13 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.87 3.31 -4.95	37.05 3.24 -4.88	40.36 3.65 -6.58	44.31 3.81 -9.01	45.51 3.87 -9.62	50.84 4.12 -11.49	55.02 5.25 -7.12	57.31 5.53 -8.27	56.90 5.22 -8.85	47.57 4.05 -9.21	45.04 3.63 -10.86	40.32 3.42 -7.13	36.60 3.60 -4.23	33.67 2.99 -3.97
HOLTSVILLE_IC_2 23691	35.02 2.94 -3.77	33.37 2.62 -4.75	30.59 2.34 -2.84	26.89 2.11 -1.06	24.42 1.97 -0.02	24.80 1.98 -0.02	25.12 2.13 -2.09	28.36 1.96 -8.94	30.46 2.34 -7.59	34.52 2.99 -5.70	35.65 3.09 -4.95	36.79 2.98 -4.88	40.09 3.37 -6.58	44.00 3.50 -9.01	45.19 3.55 -9.62	50.49 3.77 -11.49	54.60 4.82 -7.12	56.87 5.09 -8.27	56.46 4.80 -8.83	46.91 3.71 -8.89	44.29 3.33 -10.43	39.91 3.15 -6.99	36.34 3.34 -4.23	33.45 2.78 -3.97
HOLTSVILLE_IC_3 23692	35.02 2.94 -3.77	33.37 2.62 -4.75	30.59 2.34 -2.84	26.89 2.11 -1.06	24.42 1.97 -0.02	24.80 1.98 -0.02	25.12 2.13 -2.09	28.36 1.96 -8.94	30.46 2.34 -7.59	34.52 2.99 -5.70	35.65 3.09 -4.95	36.79 2.98 -4.88	40.09 3.37 -6.58	44.00 3.50 -9.01	45.19 3.55 -9.62	50.49 3.77 -11.49	54.60 4.82 -7.12	56.87 5.09 -8.27	56.46 4.80 -8.83	46.91 3.71 -8.89	44.29 3.33 -10.43	39.91 3.15 -6.99	36.34 3.34 -4.23	33.45 2.78 -3.97

HOLTSVILLE_IC_4 23693	35.02 2.94 -3.77	33.37 2.62 -4.75	30.59 2.34 -2.84	26.89 2.11 -1.06	24.42 1.97 -0.02	24.80 1.98 -0.02	25.12 2.13 -2.09	28.36 1.96 -8.94	30.46 2.34 -7.59	34.52 2.99 -5.70	35.65 3.09 -4.95	36.79 2.98 -4.88	40.09 3.37 -6.58	44.00 3.50 -9.01	45.19 3.55 -9.62	50.49 3.77 -11.49	54.60 4.82 -7.12	56.87 5.09 -8.27	56.46 4.80 -8.83	46.91 3.71 -8.89	44.29 3.33 -10.43	39.91 3.15 -6.99	36.34 3.34 -4.23	33.45 2.78 -3.97
HOLTSVILLE_IC_5 23694	35.02 2.94 -3.77	33.37 2.62 -4.75	30.59 2.34 -2.84	26.89 2.11 -1.06	24.42 1.97 -0.02	24.80 1.98 -0.02	25.12 2.13 -2.09	28.36 1.96 -8.94	30.46 2.34 -7.59	34.52 2.99 -5.70	35.65 3.09 -4.95	36.79 2.98 -4.88	40.09 3.37 -6.58	44.00 3.50 -9.01	45.19 3.55 -9.62	50.49 3.77 -11.49	54.60 4.82 -7.12	56.87 5.09 -8.27	56.46 4.80 -8.83	46.91 3.71 -8.89	44.29 3.33 -10.43	39.91 3.15 -6.99	36.34 3.34 -4.23	33.45 2.78 -3.97
HOLTSVILLE_IC_6 23695	35.22 3.14 -3.77	33.56 2.81 -4.75	30.74 2.49 -2.84	27.04 2.26 -1.06	24.58 2.13 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.87 3.31 -4.95	37.05 3.24 -4.88	40.36 3.65 -6.58	44.31 3.81 -9.01	45.51 3.87 -9.62	50.84 4.12 -11.49	55.02 5.25 -7.12	57.31 5.53 -8.27	56.90 5.22 -8.85	47.57 4.05 -9.21	45.04 3.63 -10.86	40.32 3.42 -7.13	36.60 3.60 -4.23	33.67 2.99 -3.97
HOLTSVILLE_IC_7 23696	35.22 3.14 -3.77	33.56 2.81 -4.75	30.74 2.49 -2.84	27.04 2.26 -1.06	24.58 2.13 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.87 3.31 -4.95	37.05 3.24 -4.88	40.36 3.65 -6.58	44.31 3.81 -9.01	45.51 3.87 -9.62	50.84 4.12 -11.49	55.02 5.25 -7.12	57.31 5.53 -8.27	56.90 5.22 -8.85	47.57 4.05 -9.21	45.04 3.63 -10.86	40.32 3.42 -7.13	36.60 3.60 -4.23	33.67 2.99 -3.97
HOLTSVILLE_IC_8 23697	35.22 3.14 -3.77	33.56 2.81 -4.75	30.74 2.49 -2.84	27.04 2.26 -1.06	24.58 2.13 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.87 3.31 -4.95	37.05 3.24 -4.88	40.36 3.65 -6.58	44.31 3.81 -9.01	45.51 3.87 -9.62	50.84 4.12 -11.49	55.02 5.25 -7.12	57.31 5.53 -8.27	56.90 5.22 -8.85	47.57 4.05 -9.21	45.04 3.63 -10.86	40.32 3.42 -7.13	36.60 3.60 -4.23	33.67 2.99 -3.97
HOLTSVILLE_IC_9 23698	35.22 3.14 -3.77	33.56 2.81 -4.75	30.74 2.49 -2.84	27.04 2.26 -1.06	24.58 2.13 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.87 3.31 -4.95	37.05 3.24 -4.88	40.36 3.65 -6.58	44.31 3.81 -9.01	45.51 3.87 -9.62	50.84 4.12 -11.49	55.02 5.25 -7.12	57.31 5.53 -8.27	56.90 5.22 -8.85	47.57 4.05 -9.21	45.04 3.63 -10.86	40.32 3.42 -7.13	36.60 3.60 -4.23	33.67 2.99 -3.97
HOMER_HL_115KV_TB2 355744	27.91 -0.54 -0.14	25.00 -1.04 -0.04	24.37 -1.04 0.00	22.66 -1.07 0.00	21.58 -0.85 0.00	21.98 -0.82 0.00	20.17 -1.09 -0.37	17.94 -0.44 -0.91	20.90 -0.49 -0.86	25.94 0.08 -0.03	27.69 0.08 0.00	29.25 0.32 0.00	30.56 0.42 0.00	32.06 0.57 0.00	32.62 0.61 0.00	36.01 0.78 0.00	42.40 -0.26 0.00	43.73 0.22 0.00	42.83 -0.17 0.00	34.65 0.34 0.00	31.00 0.09 -0.37	30.23 0.36 -0.11	28.91 0.14 0.00	27.11 0.40 0.00
HOWARD_WT_PWR 323690	28.75 0.28 -0.16	26.07 0.03 -0.05	25.11 -0.30 0.00	23.37 -0.36 0.00	22.14 -0.29 0.00	22.57 -0.23 0.00	21.19 -0.10 -0.40	18.76 0.30 -1.00	21.88 0.41 -0.94	26.58 0.72 0.00	28.33 0.72 0.00	29.92 0.98 0.00	31.25 1.12 0.00	32.78 1.29 0.00	33.36 1.34 0.00	36.82 1.59 0.00	43.72 1.07 0.00	45.01 1.48 -0.02	44.44 1.41 -0.19	35.89 1.58 0.00	32.32 1.38 -0.41	31.22 1.34 -0.12	29.89 1.12 0.00	27.88 1.17 0.00
HQ_GEN_CEDARS 23644	28.19 -0.11 0.00	25.89 -0.10 0.00	25.54 0.13 0.00	23.85 0.12 0.00	22.59 0.16 0.00	22.98 0.18 0.00	20.85 -0.04 0.00	17.12 -0.35 0.00	20.14 -0.39 0.00	25.36 -0.46 0.00	27.17 -0.44 0.00	28.47 -0.46 0.00	29.62 -0.51 0.00	30.86 -0.63 0.00	31.38 -0.64 0.00	34.56 -0.67 0.00	41.80 -0.85 0.00	42.64 -0.87 0.00	42.10 -0.73 0.00	33.76 -0.55 0.00	30.14 -0.40 0.00	29.32 -0.45 0.00	28.31 -0.46 0.00	26.68 -0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	28.19 -0.11 0.00	25.85 -0.10 0.04	25.58 0.13 -0.04	23.85 0.12 0.00	22.59 0.16 0.00	22.98 0.18 0.00	20.85 -0.04 0.00	17.12 -0.35 0.00	20.14 -0.39 0.00	25.36 -0.46 0.00	27.17 -0.44 0.00	28.47 -0.46 0.00	29.62 -0.51 0.00	30.86 -0.63 0.00	31.38 -0.64 0.00	34.56 -0.67 0.00	41.81 -0.85 0.00	42.64 -0.87 0.00	42.10 -0.73 0.00	33.76 -0.55 0.00	30.08 -0.46 0.00	29.32 -0.45 0.00	28.15 -0.46 0.16	26.84 -0.03 -0.16
HQ_GEN_IMPORT 323601	28.02 -0.28 0.00	25.65 -0.23 0.11	25.50 -0.03 -0.11	23.73 0.00 0.00	22.45 0.02 0.00	22.83 0.02 0.00	25.65 -0.15 -4.90	12.27 -0.30 4.90	20.20 -0.33 0.00	25.41 -0.41 0.00	27.17 -0.44 0.00	28.47 -0.46 0.00	29.65 -0.48 0.00	30.89 -0.60 0.00	31.41 -0.61 0.00	34.56 -0.67 0.00	41.85 -0.81 0.00	42.69 -0.83 0.00	42.06 -0.77 0.00	33.69 -0.62 0.00	29.99 -0.55 0.00	29.29 -0.48 0.00	28.12 -0.49 0.16	26.60 -0.27 -0.16
HQ_GEN_WHEEL 23651	28.02 -0.28 0.00	25.65 -0.23 0.11	25.50 -0.03 -0.11	23.73 0.00 0.00	22.45 0.02 0.00	22.83 0.02 0.00	25.65 -0.15 -4.90	12.27 -0.30 4.90	20.20 -0.33 0.00	25.41 -0.41 0.00	27.17 -0.44 0.00	28.47 -0.46 0.00	29.65 -0.48 0.00	30.89 -0.60 0.00	31.41 -0.61 0.00	34.56 -0.67 0.00	41.85 -0.81 0.00	42.69 -0.83 0.00	42.06 -0.77 0.00	33.69 -0.62 0.00	29.99 -0.55 0.00	29.29 -0.48 0.00	28.12 -0.49 0.16	26.60 -0.27 -0.16
HUDSON_AVE_GT_3 23810	30.92 1.84 -0.77	27.89 1.66 -0.23	26.79 1.37 0.00	24.99 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.79 2.18 0.00	31.16 2.23 0.00	32.55 2.41 0.00	33.98 2.49 0.00	34.55 2.53 0.00	37.87 2.64 0.00	46.28 3.63 0.00	47.21 3.70 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.76 2.20 -2.02	32.40 2.05 -0.58	30.99 2.22 0.00	28.36 1.66 0.00
HUDSON_AVE_GT_4 23540	30.92 1.84 -0.77	27.89 1.66 -0.23	26.79 1.37 0.00	24.99 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.79 2.18 0.00	31.16 2.23 0.00	32.55 2.41 0.00	33.98 2.49 0.00	34.55 2.53 0.00	37.87 2.64 0.00	46.28 3.63 0.00	47.21 3.70 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.76 2.20 -2.02	32.40 2.05 -0.58	30.99 2.22 0.00	28.36 1.66 0.00
HUDSON_AVE_GT_5 23657	30.92 1.84 -0.77	27.89 1.66 -0.23	26.79 1.37 0.00	24.99 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.79 2.18 0.00	31.16 2.23 0.00	32.55 2.41 0.00	33.98 2.49 0.00	34.55 2.53 0.00	37.87 2.64 0.00	46.28 3.63 0.00	47.21 3.70 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.76 2.20 -2.02	32.40 2.05 -0.58	30.99 2.22 0.00	28.36 1.66 0.00

HUDSON_AVE_10 24168	30.83 1.76 -0.77	27.81 1.59 -0.23	26.69 1.27 0.00	24.89 1.16 0.00	23.49 1.05 0.00	23.83 1.03 0.00	24.32 1.34 -2.09	23.95 1.33 -5.16	27.01 1.62 -4.85	28.05 2.04 -0.19	29.71 2.10 0.00	31.05 2.11 0.00	32.46 2.32 0.00	33.85 2.36 0.00	34.42 2.40 0.00	37.77 2.54 0.00	46.11 3.46 0.00	47.04 3.52 0.00	47.05 3.26 -0.96	36.64 2.33 0.00	34.67 2.11 -2.02	32.25 1.90 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
HUDSON___115KV_TB 4 355613	31.54 1.76 -1.48	27.93 1.61 -0.32	26.81 1.40 0.00	25.03 1.31 0.00	23.71 1.28 0.00	24.03 1.23 0.00	24.72 1.23 -2.60	24.87 1.00 -6.41	27.74 1.17 -6.03	27.63 1.58 -0.23	29.29 1.68 0.00	30.58 1.65 0.00	31.73 1.60 0.00	33.26 1.76 0.00	33.81 1.79 0.00	37.20 1.97 0.00	45.17 2.52 0.00	46.30 2.78 0.00	47.42 2.74 -1.85	36.54 2.23 0.00	36.38 1.95 -3.89	32.79 1.90 -1.12	30.50 1.73 0.00	28.02 1.31 0.00
HUNTER MOUNT___DRP 323613	31.51 1.87 -1.34	28.02 1.72 -0.31	26.97 1.55 0.00	25.15 1.42 0.00	23.82 1.39 0.00	24.12 1.32 0.00	24.68 1.27 -2.51	24.68 1.01 -6.20	27.56 1.19 -5.83	27.70 1.65 -0.22	29.32 1.71 0.00	30.67 1.74 0.00	31.79 1.66 0.00	33.32 1.83 0.00	33.87 1.86 0.00	37.31 2.08 0.00	45.22 2.56 0.00	46.39 2.87 0.00	47.29 2.78 -1.67	36.68 2.37 0.00	36.08 2.02 -3.52	32.74 1.96 -1.01	30.52 1.75 0.00	28.07 1.36 0.00
HUNTINGTON_RES_REC 323705	34.93 2.86 -3.77	33.32 2.57 -4.75	30.51 2.26 -2.84	26.85 2.06 -1.06	24.38 1.93 -0.02	24.73 1.92 -0.02	25.07 2.09 -2.09	28.31 1.90 -8.94	30.42 2.30 -7.59	34.50 2.97 -5.70	35.65 3.09 -4.95	36.91 3.10 -4.88	40.12 3.40 -6.58	44.12 3.59 -9.04	45.31 3.65 -9.65	50.69 3.95 -11.52	54.77 4.99 -7.12	56.96 5.18 -8.27	56.94 4.88 -9.23	54.19 3.74 -16.14	54.18 3.36 -20.28	43.05 3.19 -10.10	36.29 3.28 -4.24	33.37 2.70 -3.97
HUNTLEY___63 23557	27.91 -0.51 -0.11	25.35 -0.68 -0.03	24.35 -1.07 0.00	22.59 -1.14 0.00	21.45 -0.99 0.00	21.91 -0.89 0.00	20.51 -0.69 -0.31	18.06 -0.16 -0.75	21.06 -0.18 -0.71	25.72 -0.13 -0.03	27.47 -0.14 0.00	29.08 0.14 0.00	30.35 0.21 0.00	31.78 0.28 0.00	32.40 0.38 0.00	35.83 0.60 0.00	41.98 -0.68 0.00	43.38 -0.13 0.00	42.46 -0.51 -0.14	34.41 0.10 0.00	30.74 -0.09 -0.30	30.06 0.21 -0.08	28.71 -0.06 0.00	27.00 0.29 0.00
HUNTLEY___64 23558	27.91 -0.51 -0.11	25.35 -0.68 -0.03	24.35 -1.07 0.00	22.59 -1.14 0.00	21.45 -0.99 0.00	21.91 -0.89 0.00	20.51 -0.69 -0.31	18.06 -0.16 -0.75	21.06 -0.18 -0.71	25.72 -0.13 -0.03	27.47 -0.14 0.00	29.08 0.14 0.00	30.35 0.21 0.00	31.78 0.28 0.00	32.40 0.38 0.00	35.83 0.60 0.00	41.98 -0.68 0.00	43.38 -0.13 0.00	42.46 -0.51 -0.14	34.41 0.10 0.00	30.74 -0.09 -0.30	30.06 0.21 -0.08	28.71 -0.06 0.00	27.00 0.29 0.00
HUNTLEY___65 23559	27.91 -0.51 -0.11	25.35 -0.68 -0.03	24.35 -1.07 0.00	22.59 -1.14 0.00	21.45 -0.99 0.00	21.91 -0.89 0.00	20.51 -0.69 -0.31	18.06 -0.16 -0.75	21.06 -0.18 -0.71	25.72 -0.13 -0.03	27.47 -0.14 0.00	29.08 0.14 0.00	30.35 0.21 0.00	31.78 0.28 0.00	32.40 0.38 0.00	35.83 0.60 0.00	41.98 -0.68 0.00	43.38 -0.13 0.00	42.46 -0.51 -0.14	34.41 0.10 0.00	30.74 -0.09 -0.30	30.06 0.21 -0.08	28.71 -0.06 0.00	27.00 0.29 0.00
HUNTLEY___66 23560	27.91 -0.51 -0.11	25.35 -0.68 -0.03	24.35 -1.07 0.00	22.59 -1.14 0.00	21.45 -0.99 0.00	21.91 -0.89 0.00	20.51 -0.69 -0.31	18.06 -0.16 -0.75	21.06 -0.18 -0.71	25.72 -0.13 -0.03	27.47 -0.14 0.00	29.08 0.14 0.00	30.35 0.21 0.00	31.78 0.28 0.00	32.40 0.38 0.00	35.83 0.60 0.00	41.98 -0.68 0.00	43.38 -0.13 0.00	42.46 -0.51 -0.14	34.41 0.10 0.00	30.74 -0.09 -0.30	30.06 0.21 -0.08	28.71 -0.06 0.00	27.00 0.29 0.00
HUNTLEY___67 23561	27.71 -0.71 -0.11	25.14 -0.88 -0.04	24.22 -1.19 0.00	22.45 -1.28 0.00	21.36 -1.08 0.00	21.75 -1.05 0.00	20.39 -0.81 -0.31	17.96 -0.28 -0.77	20.93 -0.33 -0.72	25.54 -0.31 -0.03	27.28 -0.33 0.00	28.85 -0.09 0.00	30.11 -0.03 0.00	31.52 0.03 0.00	32.14 0.13 0.00	35.51 0.28 0.00	41.68 -0.98 0.00	42.99 -0.52 0.00	42.12 -0.86 -0.14	34.17 -0.14 0.00	30.54 -0.31 -0.30	29.82 -0.03 -0.09	28.51 -0.26 0.00	26.82 0.11 0.00
HUNTLEY___68 23562	27.71 -0.71 -0.11	25.14 -0.88 -0.04	24.22 -1.19 0.00	22.45 -1.28 0.00	21.36 -1.08 0.00	21.75 -1.05 0.00	20.39 -0.81 -0.31	17.96 -0.28 -0.77	20.93 -0.33 -0.72	25.54 -0.31 -0.03	27.28 -0.33 0.00	28.85 -0.09 0.00	30.11 -0.03 0.00	31.52 0.03 0.00	32.14 0.13 0.00	35.51 0.28 0.00	41.68 -0.98 0.00	42.99 -0.52 0.00	42.12 -0.86 -0.14	34.17 -0.14 0.00	30.54 -0.31 -0.30	29.82 -0.03 -0.09	28.51 -0.26 0.00	26.82 0.11 0.00
HYLAND___LFGE 323620	29.51 1.08 -0.13	26.81 0.78 -0.04	25.70 0.28 0.00	23.87 0.14 0.00	22.57 0.14 0.00	23.05 0.25 0.00	21.62 0.40 -0.34	18.82 0.52 -0.83	21.72 0.41 -0.78	25.60 -0.26 -0.03	26.72 -0.88 0.00	28.15 -0.78 0.00	29.35 -0.78 0.00	30.42 -1.07 0.00	30.96 -1.06 0.00	34.25 -0.99 0.00	41.12 -1.53 0.00	43.16 -0.35 0.00	43.80 0.81 -0.16	36.37 2.06 0.00	33.04 2.17 -0.33	32.09 2.23 -0.10	30.67 1.90 0.00	28.60 1.90 0.00
INDECK___CORINTH 23802	32.65 1.87 -2.48	28.04 1.64 -0.41	26.86 1.45 0.00	25.03 1.30 0.00	23.73 1.30 0.00	24.06 1.25 0.00	24.94 1.25 -2.79	25.41 1.07 -6.88	28.33 1.32 -6.48	27.80 1.73 -0.25	29.24 1.63 0.00	30.61 1.68 0.00	31.95 1.81 0.00	33.29 1.79 0.00	33.84 1.82 0.00	37.20 1.97 0.00	45.09 2.43 0.00	45.99 2.48 0.00	48.84 2.91 -3.10	36.61 2.30 0.00	39.47 2.41 -6.52	34.05 2.41 -1.88	30.84 2.07 0.00	28.23 1.52 0.00
INDECK___ILION 23567	28.48 0.17 0.00	26.12 0.13 0.00	25.49 0.08 0.00	23.80 0.07 0.00	22.50 0.07 0.00	22.87 0.07 0.00	20.98 0.08 0.00	17.59 0.12 0.00	20.70 0.16 0.00	26.01 0.18 0.00	27.83 0.22 0.00	29.16 0.23 0.00	30.41 0.27 0.00	31.81 0.31 0.00	32.30 0.29 0.00	35.58 0.35 0.00	43.08 0.43 0.00	43.95 0.44 0.00	43.26 0.43 0.00	34.69 0.38 0.00	30.84 0.31 0.00	30.06 0.30 0.00	29.09 0.32 0.00	26.92 0.21 0.00
INDECK___OLEAN 23982	27.91 -0.54 -0.14	25.20 -0.83 -0.04	24.37 -1.04 0.00	22.66 -1.07 0.00	21.58 -0.85 0.00	21.98 -0.82 0.00	20.17 -1.09 -0.37	17.94 -0.44 -0.91	20.89 -0.49 -0.85	25.94 0.08 -0.03	27.69 0.08 0.00	29.31 0.38 0.00	30.59 0.45 0.00	32.06 0.57 0.00	32.62 0.61 0.00	36.01 0.77 0.00	42.36 -0.30 0.00	43.64 0.13 0.00	42.83 -0.17 -0.17	34.65 0.34 0.00	31.15 0.24 -0.37	30.23 0.36 -0.11	28.91 0.14 0.00	27.08 0.37 0.00
INDECK___OSWEGO 23783	27.68 -0.62 0.00	25.38 -0.62 -0.01	24.68 -0.74 0.00	23.02 -0.71 0.00	21.74 -0.70 0.00	22.12 -0.68 0.00	20.50 -0.54 -0.15	17.53 -0.31 -0.38	20.52 -0.37 -0.36	25.35 -0.49 -0.01	27.08 -0.53 0.00	28.41 -0.52 0.00	29.60 -0.54 0.00	31.02 -0.47 0.00	31.57 -0.45 0.00	34.74 -0.49 0.00	41.97 -0.68 0.00	42.96 -0.74 -0.18	42.14 -0.69 0.00	33.83 -0.48 0.00	30.08 -0.46 0.00	29.29 -0.48 0.00	28.31 -0.46 0.00	26.23 -0.48 0.00

INDECK___YERKES 23781	27.94 -0.48 -0.11	25.38 -0.65 -0.03	24.37 -1.04 0.00	22.61 -1.11 0.00	21.47 -0.96 0.00	21.94 -0.87 0.00	20.53 -0.67 -0.31	18.08 -0.14 -0.75	21.08 -0.16 -0.71	25.75 -0.10 -0.03	27.50 -0.11 0.00	29.14 0.20 0.00	30.44 0.30 0.00	31.81 0.31 0.00	32.43 0.42 0.00	35.83 0.60 0.00	42.02 -0.64 0.00	43.34 -0.17 0.00	42.50 -0.47 -0.14	34.45 0.14 0.00	30.99 0.15 -0.30	30.09 0.24 -0.08	28.74 -0.03 0.00	27.05 0.35 0.00
INDIAN POINT_GT_1 24139	30.68 1.61 -0.76	27.71 1.48 -0.23	26.61 1.19 0.00	24.84 1.12 0.00	23.46 1.03 0.00	23.81 1.00 0.00	24.19 1.23 -2.06	23.72 1.17 -5.09	26.74 1.42 -4.79	27.79 1.78 -0.18	29.46 1.85 0.00	30.78 1.85 0.00	32.19 2.05 0.00	33.63 2.14 0.00	34.23 2.21 0.00	37.56 2.33 0.00	45.77 3.11 0.00	46.69 3.18 0.00	46.73 2.96 -0.95	36.54 2.23 0.00	34.49 1.95 -2.00	32.15 1.82 -0.58	30.64 1.87 0.00	28.12 1.42 0.00
INDIAN POINT_GT_2 23659	30.68 1.61 -0.76	27.71 1.48 -0.23	26.61 1.19 0.00	24.84 1.12 0.00	23.46 1.03 0.00	23.81 1.00 0.00	24.19 1.23 -2.06	23.72 1.17 -5.09	26.74 1.42 -4.79	27.79 1.78 -0.18	29.46 1.85 0.00	30.78 1.85 0.00	32.19 2.05 0.00	33.63 2.14 0.00	34.23 2.21 0.00	37.56 2.33 0.00	45.77 3.11 0.00	46.69 3.18 0.00	46.73 2.96 -0.95	36.54 2.23 0.00	34.49 1.95 -2.00	32.15 1.82 -0.58	30.64 1.87 0.00	28.12 1.42 0.00
INDIAN POINT_GT_3 24019	30.68 1.61 -0.76	27.71 1.48 -0.23	26.61 1.19 0.00	24.84 1.12 0.00	23.46 1.03 0.00	23.81 1.00 0.00	24.19 1.23 -2.06	23.72 1.17 -5.09	26.74 1.42 -4.79	27.79 1.78 -0.18	29.46 1.85 0.00	30.78 1.85 0.00	32.19 2.05 0.00	33.63 2.14 0.00	34.23 2.21 0.00	37.56 2.33 0.00	45.77 3.11 0.00	46.69 3.18 0.00	46.73 2.96 -0.95	36.54 2.23 0.00	34.49 1.95 -2.00	32.15 1.82 -0.58	30.64 1.87 0.00	28.12 1.42 0.00
INDIAN POINT___2 23530	30.61 1.56 -0.75	27.65 1.43 -0.23	26.59 1.17 0.00	24.82 1.09 0.00	23.44 1.01 0.00	23.78 0.98 0.00	24.13 1.21 -2.03	23.61 1.15 -5.00	26.61 1.38 -4.70	27.76 1.76 -0.18	29.40 1.79 0.00	30.76 1.82 0.00	32.13 1.99 0.00	33.60 2.11 0.00	34.16 2.15 0.00	37.52 2.29 0.00	45.69 3.03 0.00	46.60 3.09 0.00	46.63 2.87 -0.93	36.47 2.16 0.00	34.42 1.93 -1.96	32.11 1.79 -0.56	30.61 1.84 0.00	28.10 1.39 0.00
INDIAN POINT___3 23531	30.65 1.59 -0.76	27.68 1.46 -0.23	26.59 1.17 0.00	24.82 1.09 0.00	23.46 1.03 0.00	23.81 1.00 0.00	24.17 1.21 -2.06	23.71 1.15 -5.09	26.72 1.40 -4.79	27.76 1.76 -0.18	29.43 1.82 0.00	30.76 1.82 0.00	32.13 1.99 0.00	33.60 2.11 0.00	34.16 2.15 0.00	37.49 2.25 0.00	45.69 3.03 0.00	46.60 3.09 0.00	46.65 2.87 -0.95	36.47 2.16 0.00	34.43 1.89 -2.00	32.13 1.79 -0.58	30.61 1.84 0.00	28.10 1.39 0.00
INGHAM_C_115KV_TB7 356103	28.56 0.25 0.00	26.18 0.18 0.00	25.54 0.13 0.00	23.87 0.14 0.00	22.52 0.09 0.00	22.89 0.09 0.00	20.98 0.08 0.00	17.62 0.16 0.00	20.72 0.18 0.00	26.01 0.18 0.00	27.86 0.25 0.00	29.19 0.26 0.00	30.44 0.30 0.00	31.87 0.38 0.00	32.34 0.32 0.00	35.62 0.39 0.00	43.13 0.47 0.00	43.95 0.44 0.00	43.30 0.47 0.00	34.72 0.41 0.00	30.87 0.34 0.00	30.12 0.36 0.00	29.17 0.40 0.00	27.00 0.29 0.00
IP CORINTH___1 23988	32.80 2.01 -2.48	28.19 1.79 -0.41	26.99 1.58 0.00	25.15 1.42 0.00	23.85 1.41 0.00	24.17 1.37 0.00	25.04 1.36 -2.79	25.50 1.15 -6.88	28.45 1.44 -6.48	27.96 1.89 -0.25	29.40 1.79 0.00	30.78 1.85 0.00	32.13 1.99 0.00	33.45 1.95 0.00	34.00 1.98 0.00	37.45 2.22 0.00	45.30 2.64 0.00	46.21 2.70 0.00	49.10 3.17 -3.10	36.78 2.47 0.00	39.66 2.60 -6.52	34.23 2.59 -1.88	30.99 2.22 0.00	28.39 1.68 0.00
IP___TICONDEROGA 23804	34.76 3.99 -2.46	29.93 3.54 -0.40	28.64 3.23 0.00	26.60 2.87 0.00	25.28 2.85 0.00	25.56 2.76 0.00	26.31 2.63 -2.79	26.58 2.24 -6.87	29.78 2.77 -6.47	29.74 3.67 -0.25	31.39 3.78 0.00	32.93 3.99 0.00	34.24 4.10 0.00	35.81 4.31 0.00	36.43 4.42 0.00	40.23 5.00 0.00	48.46 5.80 0.00	49.61 6.09 0.00	52.42 6.51 -3.08	39.46 5.15 0.00	42.06 5.04 -6.48	36.66 5.03 -1.87	33.11 4.34 0.00	30.23 3.53 0.00
ISLIP_RES_REC 323679	35.39 3.31 -3.77	33.68 2.94 -4.75	30.87 2.62 -2.84	27.16 2.37 -1.06	24.67 2.22 -0.02	25.05 2.24 -0.02	25.34 2.36 -2.09	28.56 2.15 -8.94	30.71 2.59 -7.59	34.88 3.36 -5.70	36.07 3.51 -4.95	37.25 3.44 -4.88	40.57 3.86 -6.58	44.57 4.06 -9.01	45.74 4.10 -9.62	51.12 4.40 -11.49	55.36 5.59 -7.12	57.66 5.87 -8.27	57.22 5.57 -8.83	47.40 4.32 -8.77	44.65 3.85 -10.26	40.36 3.66 -6.94	36.77 3.77 -4.23	33.83 3.15 -3.97
JAMAICA__27_KV_LOAD 355505	31.00 1.92 -0.77	27.92 1.69 -0.23	26.79 1.37 0.00	24.96 1.23 0.00	23.55 1.12 0.00	23.92 1.12 0.00	24.42 1.44 -2.09	24.05 1.43 -5.16	27.17 1.79 -4.85	28.26 2.25 -0.19	29.82 2.21 0.00	31.16 2.23 0.00	32.58 2.44 0.00	34.01 2.52 0.00	34.51 2.50 0.00	37.87 2.64 0.00	46.33 3.67 0.00	47.26 3.74 0.00	47.22 3.43 -0.96	36.75 2.44 0.00	34.79 2.23 -2.02	32.31 1.96 -0.58	31.10 2.33 0.00	28.44 1.74 0.00
JANIS___SOLAR 323808	29.97 1.41 -0.24	27.09 1.04 -0.06	26.21 0.79 0.00	24.42 0.69 0.00	22.90 0.47 0.00	23.30 0.50 0.00	21.92 0.52 -0.51	19.42 0.70 -1.25	22.47 0.76 -1.18	26.88 1.01 -0.04	28.66 1.05 0.00	30.12 1.19 0.00	31.49 1.36 0.00	33.19 1.70 0.00	33.65 1.63 0.00	37.24 2.01 0.00	45.00 2.34 0.00	46.07 2.52 -0.04	46.01 2.87 -0.31	36.81 2.50 0.00	33.38 2.20 -0.64	31.88 1.93 -0.18	30.64 1.87 0.00	28.26 1.55 0.00
JARVIS____ 23743	28.36 0.06 0.00	26.02 0.03 0.00	25.42 0.00 0.00	23.70 -0.02 0.00	22.41 -0.02 0.00	22.78 -0.02 0.00	20.91 0.02 0.00	17.52 0.05 0.00	20.60 0.06 0.00	25.90 0.08 0.00	27.69 0.08 0.00	29.02 0.09 0.00	30.26 0.12 0.00	31.65 0.16 0.00	32.14 0.13 0.00	35.37 0.14 0.00	42.87 0.21 0.00	43.69 0.17 0.00	43.05 0.22 0.00	34.48 0.17 0.00	30.66 0.12 0.00	29.88 0.12 0.00	28.89 0.12 0.00	26.76 0.05 0.00
JENNISON___1 23625	30.36 1.70 -0.36	27.35 1.27 -0.08	26.46 1.04 0.00	24.68 0.95 0.00	23.13 0.70 0.00	23.53 0.73 0.00	22.22 0.69 -0.64	19.93 0.89 -1.57	23.02 1.01 -1.48	27.28 1.39 -0.06	29.13 1.52 0.00	30.61 1.68 0.00	31.98 1.84 0.00	33.73 2.24 0.00	34.16 2.15 0.00	37.84 2.61 0.00	45.73 3.07 0.00	46.63 3.09 -0.03	46.54 3.26 -0.45	37.05 2.74 0.00	33.80 2.32 -0.95	32.18 2.14 -0.27	30.90 2.13 0.00	28.39 1.68 0.00
JENNISON___2 23626	30.36 1.70 -0.36	27.35 1.27 -0.08	26.46 1.04 0.00	24.68 0.95 0.00	23.13 0.70 0.00	23.53 0.73 0.00	22.22 0.69 -0.64	19.93 0.89 -1.57	23.02 1.01 -1.48	27.28 1.39 -0.06	29.13 1.52 0.00	30.61 1.68 0.00	31.98 1.84 0.00	33.73 2.24 0.00	34.16 2.15 0.00	37.84 2.61 0.00	45.73 3.07 0.00	46.63 3.09 -0.03	46.54 3.26 -0.45	37.05 2.74 0.00	33.80 2.32 -0.95	32.18 2.14 -0.27	30.90 2.13 0.00	28.39 1.68 0.00

JERICO_RISE_WT_PWR 323719	27.91 -0.40 0.00	25.60 -0.39 0.00	25.21 -0.20 0.00	23.51 -0.21 0.00	22.28 -0.16 0.00	22.69 -0.11 0.00	20.62 -0.27 0.00	17.05 -0.42 0.00	20.12 -0.41 0.00	25.36 -0.46 0.00	27.22 -0.39 0.00	28.53 -0.41 0.00	29.65 -0.48 0.00	30.86 -0.63 0.00	31.41 -0.61 0.00	34.56 -0.67 0.00	41.81 -0.85 0.00	42.69 -0.83 0.00	42.10 -0.73 0.00	33.73 -0.58 0.00	30.05 -0.49 0.00	29.20 -0.57 0.00	28.14 -0.63 0.00	26.33 -0.37 0.00
KATONAH__115KV_46KV_TB4 355592	30.87 1.78 -0.78	27.90 1.66 -0.24	26.76 1.35 0.00	24.99 1.26 0.00	23.62 1.19 0.00	23.97 1.16 0.00	24.38 1.36 -2.12	23.93 1.22 -5.24	26.99 1.52 -4.93	27.98 1.96 -0.19	29.62 2.02 0.00	30.99 2.05 0.00	32.49 2.35 0.00	33.92 2.42 0.00	34.51 2.50 0.00	37.91 2.68 0.00	46.16 3.50 0.00	47.12 3.61 0.00	47.19 3.38 -0.98	36.88 2.57 0.00	34.83 2.23 -2.06	32.47 2.11 -0.59	30.76 1.99 0.00	28.26 1.55 0.00
KCE_NY_1 323755	32.79 2.04 -2.44	28.22 1.82 -0.40	27.04 1.63 0.00	25.22 1.50 0.00	23.89 1.46 0.00	24.22 1.41 0.00	25.10 1.42 -2.78	25.51 1.19 -6.86	28.43 1.44 -6.46	27.93 1.86 -0.25	29.51 1.90 0.00	30.90 1.97 0.00	32.25 2.11 0.00	33.76 2.27 0.00	34.29 2.27 0.00	37.70 2.47 0.00	45.73 3.07 0.00	46.69 3.17 0.00	49.14 3.25 -3.05	36.88 2.57 0.00	39.38 2.41 -6.43	34.00 2.38 -1.85	30.93 2.16 0.00	28.42 1.71 0.00
KCE_NY_6_ESR 323823	28.03 -0.40 -0.12	25.41 -0.62 -0.04	24.45 -0.97 0.00	22.68 -1.04 0.00	21.60 -0.83 0.00	22.00 -0.80 0.00	20.53 -0.69 -0.33	18.15 -0.12 -0.80	21.15 -0.14 -0.76	25.93 0.08 -0.03	27.69 0.08 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.03 0.53 0.00	32.66 0.64 0.00	36.08 0.84 0.00	42.36 -0.30 0.00	43.69 0.17 0.00	42.85 -0.13 -0.15	34.72 0.41 0.00	31.22 0.37 -0.32	30.30 0.45 -0.09	28.94 0.17 0.00	27.19 0.48 0.00
KEDC_PORT_JEFF_GT2 24210	35.16 3.09 -3.77	33.50 2.75 -4.75	30.69 2.44 -2.84	27.01 2.23 -1.06	24.54 2.09 -0.02	24.91 2.10 -0.02	25.22 2.24 -2.09	28.43 2.03 -8.94	30.56 2.44 -7.59	34.68 3.15 -5.70	35.84 3.28 -4.95	36.99 3.18 -4.88	40.30 3.58 -6.58	44.29 3.78 -9.02	45.45 3.81 -9.62	50.81 4.09 -11.49	54.72 4.95 -7.12	56.96 5.18 -8.27	56.60 4.88 -8.88	47.91 3.77 -9.83	45.81 3.57 -11.70	40.52 3.36 -7.39	36.54 3.54 -4.23	33.61 2.94 -3.97
KEDC_PORT_JEFF_GT3 24211	35.16 3.09 -3.77	33.50 2.75 -4.75	30.69 2.44 -2.84	27.01 2.23 -1.06	24.54 2.09 -0.02	24.91 2.10 -0.02	25.22 2.24 -2.09	28.43 2.03 -8.94	30.56 2.44 -7.59	34.68 3.15 -5.70	35.84 3.28 -4.95	36.99 3.18 -4.88	40.30 3.58 -6.58	44.29 3.78 -9.02	45.45 3.81 -9.62	50.81 4.09 -11.49	54.72 4.95 -7.12	56.96 5.18 -8.27	56.60 4.88 -8.88	47.91 3.77 -9.83	45.81 3.57 -11.70	40.52 3.36 -7.39	36.54 3.54 -4.23	33.61 2.94 -3.97
KEDC_GLWD_GT4 24219	34.26 2.18 -3.77	32.75 2.00 -4.75	29.95 1.70 -2.84	26.35 1.57 -1.06	23.93 1.48 -0.02	24.28 1.46 -0.02	24.63 1.65 -2.09	27.95 1.54 -8.94	29.97 1.85 -7.59	33.88 2.35 -5.70	34.85 2.29 -4.95	36.15 2.34 -4.88	39.24 2.53 -6.58	43.17 2.68 -9.00	44.35 2.72 -9.61	49.60 2.89 -11.48	53.57 3.80 -7.12	55.70 3.92 -8.27	55.05 3.64 -8.58	41.19 2.71 -4.17	36.99 2.44 -4.01	36.99 2.26 -4.97	35.42 2.42 -4.23	32.65 1.98 -3.96
KEDC_GLWD_GT5 24220	34.26 2.18 -3.77	32.75 2.00 -4.75	29.95 1.70 -2.84	26.35 1.57 -1.06	23.93 1.48 -0.02	24.28 1.46 -0.02	24.63 1.65 -2.09	27.95 1.54 -8.94	29.97 1.85 -7.59	33.88 2.35 -5.70	34.85 2.29 -4.95	36.15 2.34 -4.88	39.24 2.53 -6.58	43.17 2.68 -9.00	44.35 2.72 -9.61	49.60 2.89 -11.48	53.57 3.80 -7.12	55.70 3.92 -8.27	55.05 3.64 -8.58	41.19 2.71 -4.17	36.99 2.44 -4.01	36.99 2.26 -4.97	35.42 2.42 -4.23	32.65 1.98 -3.96
KENSICO____ 23655	30.77 1.70 -0.77	27.79 1.56 -0.23	26.71 1.30 0.00	24.91 1.19 0.00	23.53 1.10 0.00	23.90 1.09 0.00	24.29 1.32 -2.08	23.85 1.24 -5.14	26.87 1.50 -4.84	27.92 1.91 -0.18	29.57 1.96 0.00	30.93 2.00 0.00	32.28 2.14 0.00	33.76 2.27 0.00	34.32 2.31 0.00	37.70 2.47 0.00	45.94 3.28 0.00	46.86 3.35 0.00	46.92 3.13 -0.96	36.64 2.33 0.00	34.63 2.08 -2.02	32.28 1.93 -0.58	30.76 1.99 0.00	28.23 1.52 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.65 1.59 -0.76	27.64 1.43 -0.22	26.53 1.12 0.00	24.80 1.07 0.00	23.37 0.94 0.00	23.71 0.91 0.00	23.93 1.11 -1.93	23.21 1.00 -4.75	26.20 1.19 -4.47	27.52 1.52 -0.17	29.13 1.52 0.00	30.44 1.50 0.00	31.82 1.69 0.00	33.29 1.80 0.00	33.90 1.89 0.00	37.35 2.11 0.00	45.56 2.90 0.00	46.56 3.05 0.00	46.65 2.87 -0.95	36.50 2.20 0.00	34.49 1.95 -2.00	32.10 1.76 -0.57	30.52 1.75 0.00	28.04 1.34 0.00
KIAC_JFK_GT1 23816	30.83 1.76 -0.77	27.79 1.56 -0.23	26.64 1.22 0.00	24.84 1.12 0.00	23.42 0.99 0.00	23.78 0.98 0.00	24.32 1.34 -2.09	23.97 1.34 -5.16	27.05 1.66 -4.85	28.10 2.09 -0.19	29.65 2.04 0.00	30.99 2.05 0.00	32.40 2.26 0.00	33.82 2.33 0.00	34.19 2.18 0.00	37.52 2.29 0.00	45.86 3.20 0.00	46.78 3.26 0.00	46.75 2.96 -0.96	36.40 2.09 0.00	34.49 1.92 -2.02	32.01 1.67 -0.58	30.84 2.07 0.00	28.28 1.58 0.00
KIAC_JFK_GT2 23817	30.83 1.76 -0.77	27.79 1.56 -0.23	26.64 1.22 0.00	24.84 1.12 0.00	23.42 0.99 0.00	23.78 0.98 0.00	24.32 1.34 -2.09	23.97 1.34 -5.16	27.05 1.66 -4.85	28.10 2.09 -0.19	29.65 2.04 0.00	30.99 2.05 0.00	32.40 2.26 0.00	33.82 2.33 0.00	34.19 2.18 0.00	37.52 2.29 0.00	45.86 3.20 0.00	46.78 3.26 0.00	46.75 2.96 -0.96	36.40 2.09 0.00	34.49 1.92 -2.02	32.01 1.67 -0.58	30.84 2.07 0.00	28.28 1.58 0.00
KIAC_JFK____ 323774	30.83 1.76 -0.77	27.79 1.56 -0.23	26.64 1.22 0.00	24.84 1.12 0.00	23.42 0.99 0.00	23.78 0.98 0.00	24.32 1.34 -2.09	23.97 1.34 -5.16	27.05 1.66 -4.85	28.10 2.09 -0.19	29.65 2.04 0.00	30.96 2.02 0.00	32.40 2.26 0.00	33.82 2.33 0.00	34.19 2.18 0.00	37.56 2.32 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.75 2.95 -0.96	36.40 2.09 0.00	34.52 1.96 -2.02	32.01 1.67 -0.58	30.84 2.07 0.00	28.28 1.58 0.00
KINTIGH____ 23543	27.64 -0.76 -0.10	25.22 -0.81 -0.03	24.22 -1.19 0.00	22.49 -1.23 0.00	21.33 -1.10 0.00	21.73 -1.07 0.00	20.51 -0.65 -0.27	17.92 -0.21 -0.66	20.91 -0.25 -0.63	25.44 -0.41 -0.02	27.14 -0.47 0.00	28.67 -0.26 0.00	29.93 -0.21 0.00	31.34 -0.16 0.00	31.92 -0.10 0.00	35.27 0.04 0.00	41.55 -1.11 0.00	42.77 -0.74 0.00	41.92 -1.03 -0.12	33.93 -0.38 0.00	30.30 -0.49 -0.25	29.60 -0.24 -0.07	28.37 -0.40 0.00	26.63 -0.08 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.22 -0.08 0.00	25.84 -0.16 0.00	25.42 0.00 0.00	23.66 -0.07 0.00	22.43 0.00 0.00	22.85 0.05 0.00	20.79 -0.10 0.00	17.20 -0.26 0.00	20.33 -0.21 0.00	25.64 -0.18 0.00	27.53 -0.08 0.00	28.85 -0.09 0.00	29.99 -0.15 0.00	31.21 -0.28 0.00	31.76 -0.26 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.24 -0.07 0.00	30.57 0.03 0.00	29.59 -0.18 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00

LACHUTE____HYDRO 323717	34.76 3.99 -2.46	29.93 3.53 -0.40	28.64 3.23 0.00	26.60 2.87 0.00	25.28 2.85 0.00	25.56 2.76 0.00	26.31 2.63 -2.79	26.58 2.24 -6.87	29.78 2.77 -6.47	29.74 3.67 -0.25	31.39 3.78 0.00	32.93 3.99 0.00	34.23 4.10 0.00	35.81 4.31 0.00	36.44 4.42 0.00	40.13 4.90 0.00	48.46 5.80 0.00	49.60 6.09 0.00	52.42 6.51 -3.08	39.45 5.14 0.00	42.09 5.07 -6.48	36.66 5.03 -1.87	33.11 4.34 0.00	30.23 3.53 0.00
LAWRNCAV_115KV_TB1 80681	28.00 -0.31 0.00	25.66 -0.34 0.00	25.31 -0.10 0.00	23.63 -0.09 0.00	22.41 -0.02 0.00	22.83 0.02 0.00	20.68 -0.21 0.00	17.03 -0.44 0.00	20.04 -0.49 0.00	25.28 -0.54 0.00	27.11 -0.50 0.00	28.44 -0.49 0.00	29.56 -0.57 0.00	30.83 -0.66 0.00	31.31 -0.70 0.00	34.49 -0.74 0.00	41.72 -0.94 0.00	42.53 -1.00 -0.01	42.10 -0.73 0.00	33.79 -0.51 0.00	30.17 -0.37 0.00	29.29 -0.48 0.00	28.28 -0.49 0.00	26.60 -0.11 0.00
LEDERLE____ 23769	30.74 1.70 -0.73	27.78 1.56 -0.22	26.69 1.27 0.00	24.91 1.19 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.17 1.30 -1.99	23.59 1.22 -4.90	26.63 1.48 -4.61	27.89 1.89 -0.18	29.51 1.91 0.00	30.90 1.97 0.00	32.28 2.14 0.00	33.76 2.27 0.00	34.35 2.34 0.00	37.73 2.50 0.00	45.94 3.28 0.00	46.86 3.35 0.00	46.83 3.08 -0.91	36.64 2.33 0.00	34.54 2.08 -1.92	32.25 1.93 -0.55	30.73 1.96 0.00	28.20 1.50 0.00
LIGHTHSE_115KV_TB6 355974	28.11 -0.20 0.00	25.69 -0.31 -0.01	24.98 -0.43 0.00	23.30 -0.43 0.00	21.94 -0.49 0.00	22.32 -0.48 0.00	20.66 -0.38 -0.14	17.66 -0.16 -0.35	20.64 -0.23 -0.33	25.55 -0.28 -0.01	27.36 -0.25 0.00	28.70 -0.23 0.00	29.84 -0.30 0.00	31.34 -0.16 0.00	31.82 -0.19 0.00	35.06 -0.18 0.00	42.32 -0.34 0.00	43.22 -0.39 -0.10	42.66 -0.17 0.00	34.31 0.00 0.00	30.48 -0.06 0.00	29.73 -0.03 0.00	28.74 -0.03 0.00	26.57 -0.13 0.00
LINDEN COGEN____ 23786	30.72 1.64 -0.77	27.71 1.48 -0.23	26.61 1.19 0.00	24.82 1.09 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.24 1.25 -2.09	23.88 1.26 -5.16	26.91 1.52 -4.85	27.92 1.91 -0.19	29.60 1.99 0.00	30.93 1.99 0.00	32.31 2.17 0.00	33.73 2.24 0.00	34.26 2.24 0.00	37.59 2.36 0.00	45.90 3.24 0.00	46.82 3.31 0.00	46.79 3.00 -0.96	36.47 2.16 0.00	34.55 1.98 -2.02	32.19 1.85 -0.58	30.78 2.01 0.00	28.15 1.44 0.00
LINDHRST_69_KV_BK1 356055	34.99 2.92 -3.77	33.37 2.63 -4.75	30.56 2.31 -2.84	26.90 2.11 -1.06	24.45 2.00 -0.02	24.80 1.98 -0.02	25.11 2.13 -2.09	28.36 1.96 -8.94	30.46 2.34 -7.59	34.50 2.97 -5.70	35.65 3.09 -4.95	36.96 3.15 -4.88	40.12 3.41 -6.58	44.02 3.53 -9.00	45.21 3.59 -9.61	50.55 3.84 -11.48	54.77 4.99 -7.12	56.92 5.13 -8.27	56.32 4.88 -8.61	42.69 3.74 -4.64	38.57 3.39 -4.64	38.15 3.21 -5.17	36.28 3.28 -4.23	33.40 2.72 -3.97
LIPA_MISC_IPP 23656	35.22 3.14 -3.77	33.56 2.81 -4.75	30.74 2.49 -2.84	27.04 2.25 -1.06	24.58 2.13 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.47 2.06 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.85 3.29 -4.95	36.91 3.10 -4.88	40.33 3.62 -6.58	44.25 3.75 -9.01	45.38 3.75 -9.62	50.66 3.95 -11.49	54.94 5.16 -7.12	57.22 5.44 -8.27	56.85 5.18 -8.83	47.31 4.05 -8.95	44.59 3.54 -10.51	40.21 3.42 -7.02	36.51 3.51 -4.23	33.69 3.02 -3.97
LISF____SOLAR 323691	35.30 3.23 -3.77	33.63 2.88 -4.75	30.82 2.57 -2.84	27.08 2.30 -1.06	24.62 2.18 -0.02	24.99 2.17 -0.02	25.28 2.30 -2.09	28.50 2.09 -8.94	30.64 2.52 -7.59	34.78 3.25 -5.70	35.90 3.34 -4.95	36.94 3.13 -4.88	40.39 3.68 -6.58	44.34 3.84 -9.01	45.48 3.84 -9.62	50.77 4.05 -11.49	55.02 5.25 -7.12	57.36 5.57 -8.27	56.98 5.31 -8.84	47.51 4.18 -9.01	44.79 3.66 -10.59	40.29 3.48 -7.04	36.66 3.65 -4.23	33.77 3.10 -3.97
LITTLE FALLS____HYD 24013	28.56 0.25 0.00	26.18 0.18 0.00	25.54 0.13 0.00	23.87 0.14 0.00	22.52 0.09 0.00	22.89 0.09 0.00	20.98 0.08 0.00	17.62 0.16 0.00	20.72 0.18 0.00	26.01 0.18 0.00	27.86 0.25 0.00	29.19 0.26 0.00	30.44 0.30 0.00	31.87 0.38 0.00	32.34 0.32 0.00	35.62 0.39 0.00	43.13 0.47 0.00	43.95 0.44 0.00	43.30 0.47 0.00	34.72 0.41 0.00	30.87 0.34 0.00	30.12 0.36 0.00	29.17 0.40 0.00	27.00 0.29 0.00
LITTLRIV_115KV_TB1 356100	28.31 0.00 0.00	25.92 -0.08 0.00	25.57 0.15 0.00	23.89 0.17 0.00	22.61 0.18 0.00	23.01 0.21 0.00	20.83 -0.06 0.00	17.17 -0.30 0.00	20.21 -0.33 0.00	25.49 -0.34 0.00	27.36 -0.25 0.00	28.70 -0.23 0.00	29.84 -0.30 0.00	31.15 -0.35 0.00	31.60 -0.42 0.00	34.84 -0.39 0.00	42.10 -0.55 0.00	42.96 -0.57 -0.01	42.57 -0.26 0.00	34.21 -0.10 0.00	30.54 0.00 0.00	29.62 -0.15 0.00	28.63 -0.14 0.00	26.87 0.16 0.00
LI_NEWBRDGE____DRP 323616	34.28 2.21 -3.77	32.75 2.00 -4.75	29.98 1.73 -2.84	26.37 1.59 -1.06	23.95 1.50 -0.02	24.30 1.48 -0.02	24.68 1.69 -2.09	27.96 1.55 -8.94	29.99 1.87 -7.59	33.88 2.35 -5.70	34.96 2.40 -4.95	36.24 2.43 -4.88	39.33 2.62 -6.57	43.23 2.74 -9.00	44.41 2.79 -9.61	49.67 2.96 -11.48	53.66 3.88 -7.12	55.74 3.96 -8.27	55.13 3.73 -8.58	41.26 2.85 -4.11	36.99 2.53 -3.92	37.09 2.38 -4.94	35.51 2.50 -4.23	32.68 2.00 -3.97
LOCKPORT_115KV_TB60_63_64 80432	27.68 -0.74 -0.11	25.14 -0.88 -0.03	24.15 -1.27 0.00	22.38 -1.35 0.00	21.40 -1.03 0.00	21.68 -1.12 0.00	20.37 -0.81 -0.29	17.93 -0.26 -0.72	20.88 -0.33 -0.68	25.49 -0.36 -0.03	27.22 -0.39 0.00	28.82 -0.12 0.00	30.08 -0.06 0.00	31.49 0.00 0.00	32.11 0.10 0.00	35.48 0.25 0.00	41.63 -1.02 0.00	42.99 -0.52 0.00	42.06 -0.90 -0.13	34.14 -0.17 0.00	30.48 -0.34 -0.28	29.81 -0.03 -0.08	28.51 -0.26 0.00	26.90 0.19 0.00
LOCKPORT____CC1 323769	27.68 -0.74 -0.11	25.14 -0.88 -0.03	24.15 -1.27 0.00	22.40 -1.33 0.00	21.38 -1.05 0.00	21.71 -1.09 0.00	20.37 -0.82 -0.29	17.93 -0.26 -0.73	20.89 -0.33 -0.68	25.49 -0.36 -0.03	27.22 -0.39 0.00	28.85 -0.09 0.00	30.11 -0.03 0.00	31.49 0.00 0.00	32.08 0.06 0.00	35.44 0.21 0.00	41.55 -1.11 0.00	42.86 -0.65 0.00	42.06 -0.90 -0.13	34.14 -0.17 0.00	30.67 -0.15 -0.28	29.79 -0.06 -0.08	28.48 -0.29 0.00	26.82 0.11 0.00
LOCKPORT____CC2 323770	27.68 -0.74 -0.11	25.14 -0.88 -0.03	24.15 -1.27 0.00	22.40 -1.33 0.00	21.38 -1.05 0.00	21.71 -1.09 0.00	20.37 -0.82 -0.29	17.93 -0.26 -0.73	20.89 -0.33 -0.68	25.49 -0.36 -0.03	27.22 -0.39 0.00	28.85 -0.09 0.00	30.11 -0.03 0.00	31.49 0.00 0.00	32.08 0.06 0.00	35.44 0.21 0.00	41.55 -1.11 0.00	42.86 -0.65 0.00	42.06 -0.90 -0.13	34.14 -0.17 0.00	30.67 -0.15 -0.28	29.79 -0.06 -0.08	28.48 -0.29 0.00	26.82 0.11 0.00
LOCKPORT____CC3 323771	27.68 -0.74 -0.11	25.14 -0.88 -0.03	24.15 -1.27 0.00	22.40 -1.33 0.00	21.38 -1.05 0.00	21.71 -1.09 0.00	20.37 -0.82 -0.29	17.93 -0.26 -0.73	20.89 -0.33 -0.68	25.49 -0.36 -0.03	27.22 -0.39 0.00	28.85 -0.09 0.00	30.11 -0.03 0.00	31.49 0.00 0.00	32.08 0.06 0.00	35.44 0.21 0.00	41.55 -1.11 0.00	42.86 -0.65 0.00	42.06 -0.90 -0.13	34.14 -0.17 0.00	30.67 -0.15 -0.28	29.79 -0.06 -0.08	28.48 -0.29 0.00	26.82 0.11 0.00

LONG_LAKE_PHOENIX 24014	27.80 -0.51 0.00	25.49 -0.52 -0.01	24.76 -0.66 0.00	23.09 -0.64 0.00	21.80 -0.63 0.00	22.19 -0.62 0.00	20.57 -0.48 -0.16	17.61 -0.24 -0.39	20.62 -0.29 -0.37	25.45 -0.39 -0.01	27.22 -0.39 0.00	28.56 -0.38 0.00	29.75 -0.39 0.00	31.18 -0.31 0.00	31.73 -0.29 0.00	34.95 -0.28 0.00	42.23 -0.43 0.00	43.17 -0.48 -0.14	42.36 -0.47 0.00	34.00 -0.31 0.00	30.20 -0.34 0.00	29.44 -0.33 0.00	28.42 -0.35 0.00	26.33 -0.37 0.00
LOVETT___3 23632	30.57 1.53 -0.74	27.62 1.40 -0.22	26.56 1.14 0.00	24.80 1.07 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.08 1.19 -2.00	23.53 1.14 -4.93	26.53 1.36 -4.64	27.73 1.73 -0.18	29.38 1.77 0.00	30.73 1.79 0.00	32.10 1.96 0.00	33.57 2.08 0.00	34.13 2.11 0.00	37.49 2.25 0.00	45.64 2.99 0.00	46.56 3.05 0.00	46.53 2.78 -0.92	36.40 2.09 0.00	34.34 1.86 -1.93	32.08 1.76 -0.56	30.58 1.81 0.00	28.07 1.36 0.00
LOVETT___4 23642	30.57 1.53 -0.74	27.62 1.40 -0.22	26.56 1.14 0.00	24.80 1.07 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.08 1.19 -2.00	23.53 1.14 -4.93	26.53 1.36 -4.64	27.73 1.73 -0.18	29.38 1.77 0.00	30.73 1.79 0.00	32.10 1.96 0.00	33.57 2.08 0.00	34.13 2.11 0.00	37.49 2.25 0.00	45.64 2.99 0.00	46.56 3.05 0.00	46.53 2.78 -0.92	36.40 2.09 0.00	34.34 1.86 -1.93	32.08 1.76 -0.56	30.58 1.81 0.00	28.07 1.36 0.00
LOVETT___5 23593	30.57 1.53 -0.74	27.62 1.40 -0.22	26.56 1.14 0.00	24.80 1.07 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.08 1.19 -2.00	23.53 1.14 -4.93	26.53 1.36 -4.64	27.73 1.73 -0.18	29.38 1.77 0.00	30.73 1.79 0.00	32.10 1.96 0.00	33.57 2.08 0.00	34.13 2.11 0.00	37.49 2.25 0.00	45.64 2.99 0.00	46.56 3.05 0.00	46.53 2.78 -0.92	36.40 2.09 0.00	34.34 1.86 -1.93	32.08 1.76 -0.56	30.58 1.81 0.00	28.07 1.36 0.00
LOWER RAQUET___HYD 24057	27.91 -0.40 0.00	25.55 -0.44 0.00	25.24 -0.18 0.00	23.56 -0.16 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	20.62 -0.27 0.00	17.00 -0.47 0.00	20.00 -0.53 0.00	25.26 -0.57 0.00	27.08 -0.53 0.00	28.41 -0.52 0.00	29.53 -0.60 0.00	30.80 -0.69 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.68 -0.98 0.00	42.48 -1.04 -0.01	42.06 -0.77 0.00	33.76 -0.55 0.00	30.08 -0.46 0.00	29.26 -0.51 0.00	28.28 -0.49 0.00	26.58 -0.13 0.00
LOWER___HUDSON 24059	32.04 1.56 -2.18	27.80 1.43 -0.38	26.66 1.25 0.00	24.87 1.14 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.74 1.13 -2.72	25.14 0.96 -6.72	27.99 1.13 -6.32	27.51 1.45 -0.24	29.10 1.49 0.00	30.44 1.50 0.00	31.67 1.54 0.00	33.19 1.70 0.00	33.71 1.70 0.00	36.99 1.76 0.00	45.00 2.34 0.00	45.90 2.39 0.00	47.95 2.40 -2.73	36.19 1.89 0.00	38.02 1.74 -5.74	33.08 1.67 -1.65	30.35 1.58 0.00	27.94 1.23 0.00
LOWVILLE_115KV_TB2 356335	28.50 0.20 0.00	26.00 0.00 -0.01	25.39 -0.03 0.00	23.68 -0.05 0.00	22.25 -0.18 0.00	22.64 -0.16 0.00	20.76 -0.21 -0.08	17.55 -0.10 -0.19	20.54 -0.16 -0.17	25.68 -0.15 -0.01	27.53 -0.08 0.00	28.88 -0.06 0.00	29.99 -0.15 0.00	31.49 0.00 0.00	31.92 -0.10 0.00	35.23 0.00 0.00	42.70 0.04 0.00	43.55 0.00 0.00	43.22 0.39 0.00	34.79 0.48 0.00	30.97 0.43 0.00	30.06 0.30 0.00	29.12 0.35 0.00	26.90 0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.76 2.01 -2.44	28.22 1.82 -0.40	27.02 1.60 0.00	25.20 1.47 0.00	23.87 1.44 0.00	24.22 1.41 0.00	25.07 1.40 -2.78	25.51 1.19 -6.86	28.43 1.44 -6.46	27.93 1.86 -0.25	29.51 1.91 0.00	30.90 1.97 0.00	32.22 2.08 0.00	33.73 2.24 0.00	34.26 2.24 0.00	37.70 2.47 0.00	45.69 3.03 0.00	46.60 3.09 0.00	49.14 3.26 -3.05	36.88 2.57 0.00	39.35 2.38 -6.43	34.00 2.38 -1.85	30.90 2.13 0.00	28.39 1.68 0.00
LUTHERNY_35_KV_BK2 355980	32.79 2.04 -2.44	28.22 1.82 -0.40	27.04 1.63 0.00	25.22 1.49 0.00	23.89 1.46 0.00	24.22 1.41 0.00	25.09 1.42 -2.78	25.51 1.19 -6.86	28.43 1.44 -6.46	27.93 1.86 -0.25	29.51 1.91 0.00	30.90 1.97 0.00	32.25 2.11 0.00	33.76 2.27 0.00	34.29 2.27 0.00	37.73 2.50 0.00	45.73 3.07 0.00	46.65 3.13 0.00	49.14 3.26 -3.05	36.88 2.57 0.00	39.38 2.41 -6.43	34.00 2.38 -1.85	30.93 2.16 0.00	28.42 1.71 0.00
LWR___OSWEGATCHIE_HYD 23850	28.02 -0.28 0.00	25.61 -0.39 0.00	25.14 -0.28 0.00	23.47 -0.26 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.57 -0.38 -0.05	17.20 -0.40 -0.13	20.17 -0.49 -0.13	25.29 -0.54 0.00	27.11 -0.50 0.00	28.44 -0.49 0.00	29.53 -0.60 0.00	30.93 -0.57 0.00	31.38 -0.64 0.00	34.60 -0.63 0.00	41.89 -0.77 0.00	42.72 -0.83 -0.03	42.36 -0.47 0.00	34.10 -0.21 0.00	30.39 -0.15 0.00	29.50 -0.27 0.00	28.54 -0.23 0.00	26.57 -0.13 0.00
LYONS_FALL_HYD 23570	28.82 0.51 0.00	26.29 0.29 -0.01	25.64 0.23 0.00	23.92 0.19 0.00	22.50 0.07 0.00	22.89 0.09 0.00	21.00 0.04 -0.07	17.79 0.16 -0.17	20.84 0.14 -0.16	26.06 0.23 -0.01	27.94 0.33 0.00	29.31 0.38 0.00	30.50 0.36 0.00	32.06 0.57 0.00	32.50 0.48 0.00	35.87 0.63 0.00	43.38 0.72 0.00	44.23 0.69 -0.02	43.77 0.94 0.00	35.17 0.86 0.00	31.27 0.73 0.00	30.36 0.60 0.00	29.40 0.63 0.00	27.13 0.43 0.00
MADISON___COUNTY_LFGE 323628	29.13 0.82 0.00	26.60 0.60 -0.01	25.87 0.46 0.00	24.16 0.43 0.00	22.70 0.27 0.00	23.10 0.30 0.00	21.30 0.29 -0.12	18.15 0.40 -0.29	21.26 0.45 -0.27	26.46 0.62 -0.01	28.30 0.69 0.00	29.71 0.78 0.00	30.98 0.84 0.00	32.56 1.07 0.00	33.04 1.02 0.00	36.46 1.23 0.00	44.11 1.45 0.00	44.93 1.39 -0.02	44.33 1.50 0.00	35.58 1.27 0.00	31.61 1.07 0.00	30.72 0.95 0.00	29.72 0.95 0.00	27.43 0.72 0.00
MALONE___115KV_TB1 356076	28.08 -0.23 0.00	25.73 -0.26 0.00	25.37 -0.05 0.00	23.63 -0.09 0.00	22.41 -0.02 0.00	22.83 0.02 0.00	20.75 -0.15 0.00	17.13 -0.33 0.00	20.25 -0.29 0.00	25.54 -0.28 0.00	27.42 -0.19 0.00	28.76 -0.17 0.00	29.90 -0.24 0.00	31.11 -0.38 0.00	31.66 -0.35 0.00	34.88 -0.35 0.00	42.15 -0.51 0.00	43.03 -0.48 0.00	42.49 -0.34 0.00	34.07 -0.24 0.00	30.42 -0.12 0.00	29.47 -0.30 0.00	28.40 -0.37 0.00	26.60 -0.11 0.00
MAPLEWOD_115KV_TB3 80458	31.88 1.61 -1.96	27.82 1.46 -0.37	26.66 1.25 0.00	24.89 1.16 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.76 1.15 -2.72	25.15 0.98 -6.71	28.00 1.15 -6.31	27.54 1.47 -0.24	29.18 1.57 0.00	30.55 1.62 0.00	31.73 1.60 0.00	33.26 1.76 0.00	33.78 1.76 0.00	37.13 1.90 0.00	45.09 2.43 0.00	45.99 2.48 0.00	47.77 2.48 -2.45	36.26 1.96 0.00	37.44 1.74 -5.16	32.95 1.70 -1.49	30.35 1.58 0.00	27.91 1.20 0.00
MAPLE RIDGE_WT_1 323574	27.63 -0.68 0.00	25.34 -0.65 0.00	24.81 -0.61 0.00	23.18 -0.54 0.00	21.96 -0.47 0.00	22.35 -0.46 0.00	20.45 -0.44 0.00	17.10 -0.37 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.22 -0.39 0.00	28.59 -0.35 0.00	29.78 -0.36 0.00	31.08 -0.41 0.00	31.60 -0.42 0.00	34.77 -0.46 0.00	42.10 -0.56 0.00	42.95 -0.57 0.00	42.36 -0.47 0.00	33.90 -0.41 0.00	30.08 -0.46 0.00	29.26 -0.51 0.00	28.25 -0.52 0.00	26.25 -0.45 0.00

MAPLE_RIDGE_WT_2 323611	27.63 -0.68 0.00	25.34 -0.65 0.00	24.81 -0.61 0.00	23.18 -0.54 0.00	21.96 -0.47 0.00	22.35 -0.46 0.00	20.45 -0.44 0.00	17.10 -0.37 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.22 -0.39 0.00	28.59 -0.35 0.00	29.78 -0.36 0.00	31.08 -0.41 0.00	31.60 -0.42 0.00	34.77 -0.46 0.00	42.10 -0.56 0.00	42.95 -0.57 0.00	42.36 -0.47 0.00	33.90 -0.41 0.00	30.08 -0.46 0.00	29.26 -0.51 0.00	28.25 -0.52 0.00	26.25 -0.45 0.00
MARBLE_RIVER_WT_PWR 323696	28.00 -0.31 0.00	25.65 -0.34 0.00	25.24 -0.18 0.00	23.51 -0.21 0.00	22.30 -0.13 0.00	22.71 -0.09 0.00	20.64 -0.25 0.00	17.10 -0.37 0.00	20.18 -0.35 0.00	25.44 -0.39 0.00	27.31 -0.30 0.00	28.62 -0.32 0.00	29.74 -0.39 0.00	30.96 -0.54 0.00	31.50 -0.51 0.00	34.70 -0.53 0.00	41.93 -0.73 0.00	42.86 -0.65 0.00	42.23 -0.60 0.00	33.86 -0.45 0.00	30.14 -0.40 0.00	29.29 -0.48 0.00	28.22 -0.55 0.00	26.42 -0.29 0.00
MARSHVLE_115KV_TB1 80742	32.84 2.38 -2.16	28.46 2.03 -0.44	27.17 1.75 0.00	25.34 1.61 0.00	23.98 1.55 0.00	24.33 1.53 0.00	25.75 1.50 -3.36	27.11 1.36 -8.28	29.95 1.62 -7.79	28.19 2.07 -0.30	29.76 2.15 0.00	31.28 2.34 0.00	32.61 2.47 0.00	34.26 2.77 0.00	34.83 2.82 0.00	38.26 3.03 0.00	46.41 3.75 0.00	47.52 4.00 0.00	49.60 4.07 -2.70	37.60 3.29 0.00	39.18 2.96 -5.68	34.44 3.04 -1.64	31.47 2.70 0.00	28.85 2.14 0.00
MARSH_HILL_WT_PWR 323713	28.74 0.28 -0.15	26.06 0.03 -0.05	25.11 -0.30 0.00	23.35 -0.38 0.00	22.14 -0.29 0.00	22.57 -0.23 0.00	21.17 -0.12 -0.40	18.75 0.30 -0.98	21.85 0.39 -0.93	26.56 0.70 -0.04	28.30 0.69 0.00	29.89 0.95 0.00	31.22 1.08 0.00	32.72 1.23 0.00	33.33 1.31 0.00	36.75 1.51 0.00	43.68 1.02 0.00	44.96 1.43 -0.02	44.39 1.37 -0.19	35.82 1.51 0.00	32.25 1.31 -0.40	31.19 1.31 -0.12	29.86 1.09 0.00	27.86 1.15 0.00
MCINTYRE_115KV_TB2 80467	28.50 0.20 0.00	26.10 0.10 0.00	25.77 0.36 0.00	24.08 0.36 0.00	22.75 0.31 0.00	23.14 0.34 0.00	20.93 0.04 0.00	17.26 -0.21 0.00	20.27 -0.27 0.00	25.57 -0.26 0.00	27.42 -0.19 0.00	28.76 -0.17 0.00	29.90 -0.24 0.00	31.21 -0.28 0.00	31.66 -0.35 0.00	34.91 -0.32 0.00	42.19 -0.47 0.00	43.09 -0.44 -0.01	42.70 -0.13 0.00	34.34 0.03 0.00	30.66 0.12 0.00	29.73 -0.03 0.00	28.74 -0.03 0.00	27.00 0.29 0.00
MECO____69_KV_BK1 80468	34.32 3.71 -2.31	29.62 3.20 -0.43	28.29 2.87 0.00	26.36 2.63 0.00	24.99 2.56 0.00	25.31 2.51 0.00	26.48 2.40 -3.18	27.37 2.06 -7.84	30.34 2.42 -7.38	29.13 3.02 -0.28	30.78 3.18 0.00	32.35 3.41 0.00	33.69 3.56 0.00	35.46 3.97 0.00	36.18 4.16 0.00	39.95 4.72 0.00	48.50 5.84 0.00	49.91 6.40 0.00	52.27 6.55 -2.88	39.70 5.39 0.00	41.47 4.86 -6.07	36.45 4.94 -1.75	33.03 4.26 0.00	30.15 3.45 0.00
MENANDS__115KV_TB5 355628	31.49 1.33 -1.86	27.60 1.25 -0.36	26.46 1.04 0.00	24.70 0.97 0.00	23.40 0.96 0.00	23.74 0.93 0.00	24.60 1.00 -2.70	24.97 0.84 -6.66	27.77 0.97 -6.27	27.30 1.24 -0.24	28.96 1.35 0.00	30.29 1.36 0.00	31.40 1.27 0.00	32.91 1.42 0.00	33.42 1.41 0.00	36.71 1.48 0.00	44.58 1.92 0.00	45.47 1.96 0.00	47.08 1.93 -2.32	35.82 1.51 0.00	36.76 1.34 -4.88	32.48 1.31 -1.41	30.01 1.24 0.00	27.62 0.91 0.00
MG INDUSTRY___DRP 24185	31.11 1.39 -1.42	27.62 1.30 -0.32	26.53 1.12 0.00	24.77 1.04 0.00	23.46 1.03 0.00	23.81 1.00 0.00	24.55 1.02 -2.63	24.83 0.87 -6.49	27.65 1.01 -6.11	27.35 1.29 -0.23	28.96 1.35 0.00	30.29 1.36 0.00	31.46 1.33 0.00	32.94 1.45 0.00	33.46 1.44 0.00	36.78 1.55 0.00	44.66 2.00 0.00	45.60 2.09 0.00	46.66 2.06 -1.77	35.92 1.61 0.00	35.71 1.44 -3.74	32.27 1.43 -1.08	30.12 1.35 0.00	27.75 1.04 0.00
MID___OSWEGATCHIE_HYD 23849	28.02 -0.28 0.00	25.61 -0.39 0.00	25.14 -0.28 0.00	23.47 -0.26 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.57 -0.38 -0.05	17.20 -0.40 -0.13	20.17 -0.49 -0.13	25.29 -0.54 0.00	27.11 -0.50 0.00	28.44 -0.49 0.00	29.53 -0.60 0.00	30.93 -0.57 0.00	31.38 -0.64 0.00	34.60 -0.63 0.00	41.89 -0.77 0.00	42.72 -0.83 -0.03	42.36 -0.47 0.00	34.10 -0.21 0.00	30.39 -0.15 0.00	29.50 -0.27 0.00	28.54 -0.23 0.00	26.57 -0.13 0.00
MID___RAQUETTE_HYD 23851	27.91 -0.40 0.00	25.55 -0.44 0.00	25.24 -0.18 0.00	23.56 -0.17 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	20.62 -0.27 0.00	16.99 -0.47 0.00	20.00 -0.53 0.00	25.26 -0.57 0.00	27.08 -0.52 0.00	28.41 -0.52 0.00	29.53 -0.60 0.00	30.80 -0.69 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.68 -0.98 0.00	42.48 -1.04 -0.01	42.06 -0.77 0.00	33.76 -0.55 0.00	30.14 -0.40 0.00	29.26 -0.51 0.00	28.28 -0.49 0.00	26.57 -0.13 0.00
MILLIKEN___1 23584	29.11 0.65 -0.15	26.48 0.44 -0.04	25.65 0.23 0.00	23.92 0.19 0.00	22.54 0.11 0.00	22.94 0.14 0.00	21.49 0.21 -0.39	18.80 0.38 -0.95	21.90 0.47 -0.90	26.48 0.62 -0.03	28.27 0.66 0.00	29.71 0.78 0.00	31.01 0.87 0.00	32.56 1.07 0.00	33.10 1.09 0.00	36.50 1.27 0.00	44.07 1.41 0.00	45.04 1.48 -0.05	44.57 1.54 -0.19	35.68 1.37 0.00	32.04 1.10 -0.41	30.89 1.01 -0.12	29.72 0.95 0.00	27.54 0.83 0.00
MILLIKEN___2 23585	29.11 0.65 -0.15	26.48 0.44 -0.04	25.65 0.23 0.00	23.92 0.19 0.00	22.54 0.11 0.00	22.94 0.14 0.00	21.49 0.21 -0.39	18.80 0.38 -0.95	21.90 0.47 -0.90	26.48 0.62 -0.03	28.27 0.66 0.00	29.71 0.78 0.00	31.01 0.87 0.00	32.56 1.07 0.00	33.10 1.09 0.00	36.50 1.27 0.00	44.07 1.41 0.00	45.04 1.48 -0.05	44.57 1.54 -0.19	35.68 1.37 0.00	32.04 1.10 -0.41	30.89 1.01 -0.12	29.72 0.95 0.00	27.54 0.83 0.00
MILLIKEN___DIESEL 23629	29.11 0.65 -0.15	26.48 0.44 -0.04	25.65 0.23 0.00	23.92 0.19 0.00	22.54 0.11 0.00	22.94 0.14 0.00	21.49 0.21 -0.39	18.80 0.38 -0.95	21.90 0.47 -0.90	26.48 0.62 -0.03	28.27 0.66 0.00	29.71 0.78 0.00	31.01 0.87 0.00	32.56 1.07 0.00	33.10 1.09 0.00	36.50 1.27 0.00	44.07 1.41 0.00	45.04 1.48 -0.05	44.57 1.54 -0.19	35.68 1.37 0.00	32.04 1.10 -0.41	30.89 1.01 -0.12	29.72 0.95 0.00	27.54 0.83 0.00
MILLSEAT___LFGE 323607	28.15 -0.26 -0.10	25.61 -0.42 -0.03	24.55 -0.86 0.00	22.78 -0.95 0.00	21.71 -0.72 0.00	22.05 -0.75 0.00	20.72 -0.46 -0.28	18.17 0.00 -0.70	21.19 0.00 -0.66	25.90 0.05 -0.03	27.69 0.08 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.06 0.57 0.00	32.69 0.67 0.00	36.11 0.88 0.00	42.49 -0.17 0.00	43.78 0.26 0.00	43.00 0.04 -0.13	34.82 0.52 0.00	31.30 0.49 -0.27	30.41 0.56 -0.08	29.06 0.29 0.00	27.30 0.59 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.71 1.64 -0.76	27.73 1.51 -0.23	26.66 1.25 0.00	24.87 1.14 0.00	23.51 1.08 0.00	23.85 1.05 0.00	24.22 1.25 -2.07	23.77 1.19 -5.11	26.79 1.44 -4.81	27.84 1.83 -0.18	29.49 1.88 0.00	30.84 1.91 0.00	32.22 2.08 0.00	33.67 2.17 0.00	34.26 2.24 0.00	37.59 2.36 0.00	45.81 3.16 0.00	46.73 3.22 0.00	46.78 3.00 -0.95	36.54 2.23 0.00	34.53 1.99 -2.01	32.19 1.85 -0.58	30.67 1.90 0.00	28.15 1.44 0.00

MILLWOOD_13_KV_LOAD 356217	30.80 1.73 -0.76	27.81 1.59 -0.23	26.71 1.30 0.00	24.94 1.21 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.28 1.32 -2.07	23.80 1.22 -5.11	26.83 1.48 -4.81	27.89 1.89 -0.18	29.57 1.96 0.00	30.90 1.97 0.00	32.34 2.20 0.00	33.79 2.30 0.00	34.39 2.37 0.00	37.73 2.50 0.00	45.99 3.33 0.00	46.91 3.39 0.00	46.95 3.17 -0.95	36.71 2.40 0.00	34.65 2.11 -2.01	32.31 1.96 -0.58	30.73 1.96 0.00	28.20 1.50 0.00
MODEL_CITY_ENERGY 24167	27.34 -1.08 -0.11	24.86 -1.17 -0.03	23.89 -1.52 0.00	22.14 -1.59 0.00	21.20 -1.23 0.00	21.46 -1.35 0.00	20.17 -1.02 -0.30	17.75 -0.45 -0.74	20.67 -0.55 -0.69	25.18 -0.67 -0.03	26.89 -0.72 0.00	28.47 -0.46 0.00	29.74 -0.39 0.00	31.08 -0.41 0.00	31.66 -0.35 0.00	34.99 -0.24 0.00	40.99 -1.66 0.00	42.30 -1.22 0.00	41.51 -1.46 -0.14	33.69 -0.62 0.00	30.31 -0.52 -0.29	29.43 -0.42 -0.08	28.14 -0.63 0.00	26.49 -0.21 0.00
MODERN_LFGE_ 323580	27.34 -1.08 -0.11	24.86 -1.17 -0.03	23.89 -1.52 0.00	22.14 -1.59 0.00	21.20 -1.23 0.00	21.46 -1.35 0.00	20.17 -1.02 -0.30	17.75 -0.45 -0.74	20.67 -0.55 -0.69	25.18 -0.67 -0.03	26.89 -0.72 0.00	28.47 -0.46 0.00	29.74 -0.39 0.00	31.08 -0.41 0.00	31.66 -0.35 0.00	34.99 -0.24 0.00	40.99 -1.66 0.00	42.30 -1.22 0.00	41.51 -1.46 -0.14	33.69 -0.62 0.00	30.31 -0.52 -0.29	29.43 -0.42 -0.08	28.14 -0.63 0.00	26.49 -0.21 0.00
MOHAWK_PAPER___DRP 24187	31.88 1.61 -1.96	27.82 1.46 -0.37	26.66 1.25 0.00	24.89 1.16 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.76 1.15 -2.72	25.15 0.98 -6.71	28.00 1.15 -6.31	27.54 1.47 -0.24	29.18 1.57 0.00	30.55 1.62 0.00	31.73 1.60 0.00	33.26 1.76 0.00	33.78 1.76 0.00	37.13 1.90 0.00	45.09 2.43 0.00	45.99 2.48 0.00	47.77 2.48 -2.45	36.26 1.96 0.00	37.44 1.74 -5.16	32.95 1.70 -1.49	30.35 1.58 0.00	27.91 1.20 0.00
MOHICAN___35_KV_115KV_LD 80490	33.00 2.24 -2.46	28.37 1.98 -0.40	27.17 1.75 0.00	25.32 1.59 0.00	24.00 1.57 0.00	24.33 1.53 0.00	25.18 1.50 -2.78	25.61 1.28 -6.87	28.58 1.58 -6.47	28.14 2.07 -0.25	29.62 2.02 0.00	31.05 2.11 0.00	32.37 2.23 0.00	33.79 2.30 0.00	34.35 2.34 0.00	37.84 2.61 0.00	45.77 3.11 0.00	46.69 3.18 0.00	49.46 3.55 -3.07	37.12 2.81 0.00	39.84 2.84 -6.46	34.45 2.83 -1.86	31.22 2.45 0.00	28.60 1.90 0.00
MONGAUP___HYD 23641	30.54 1.56 -0.68	27.60 1.40 -0.21	26.53 1.12 0.00	24.77 1.04 0.00	23.40 0.96 0.00	23.74 0.94 0.00	23.83 1.09 -1.85	23.00 0.96 -4.57	25.95 1.11 -4.30	27.41 1.42 -0.16	29.02 1.41 0.00	30.32 1.39 0.00	31.70 1.57 0.00	33.16 1.67 0.00	33.74 1.73 0.00	37.17 1.94 0.00	45.22 2.56 0.00	46.30 2.79 0.00	46.34 2.66 -0.85	36.40 2.09 0.00	34.20 1.86 -1.79	31.98 1.70 -0.52	30.44 1.67 0.00	27.99 1.28 0.00
MONTAUK___DIESEL 23721	36.69 4.61 -3.77	34.88 4.13 -4.75	31.99 3.74 -2.84	28.18 3.39 -1.06	25.63 3.19 -0.02	26.03 3.22 -0.02	26.24 3.26 -2.09	29.36 2.95 -8.94	31.73 3.61 -7.59	36.33 4.80 -5.70	37.61 5.05 -4.95	38.84 5.03 -4.88	42.41 5.70 -6.58	46.49 5.98 -9.01	47.62 5.99 -9.62	53.20 6.48 -11.49	58.01 8.23 -7.12	60.44 8.66 -8.27	60.06 8.39 -8.84	49.81 6.52 -8.98	46.61 5.53 -10.55	42.12 5.33 -7.03	38.27 5.26 -4.23	35.30 4.62 -3.97
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.58 0.14 -0.13	25.82 -0.21 -0.04	24.83 -0.58 0.00	23.04 -0.69 0.00	21.98 -0.45 0.00	22.44 -0.36 0.00	21.05 -0.19 -0.34	18.77 0.45 -0.85	21.91 0.57 -0.80	27.02 1.16 -0.03	28.82 1.21 0.00	30.55 1.62 0.00	31.82 1.69 0.00	33.45 1.95 0.00	34.07 2.05 0.00	37.38 2.15 0.00	43.89 1.24 0.00	45.38 1.87 0.00	44.40 1.41 -0.16	35.89 1.58 0.00	32.03 1.16 -0.34	31.29 1.43 -0.10	29.83 1.06 0.00	27.86 1.15 0.00
MORTIMER_115KV_TB3 55949	28.22 -0.17 -0.08	25.76 -0.26 -0.03	24.76 -0.66 0.00	23.02 -0.71 0.00	21.78 -0.65 0.00	22.21 -0.59 0.00	20.86 -0.27 -0.24	18.10 0.03 -0.60	21.18 0.08 -0.56	25.90 0.05 -0.02	27.72 0.11 0.00	29.25 0.32 0.00	30.53 0.39 0.00	32.06 0.57 0.00	32.66 0.64 0.00	36.04 0.81 0.00	42.83 0.17 0.00	43.90 0.39 0.00	43.06 0.13 -0.11	34.69 0.38 0.00	30.97 0.21 -0.22	30.21 0.39 -0.06	28.97 0.20 0.00	27.08 0.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.89 1.81 -0.77	27.87 1.64 -0.23	26.79 1.37 0.00	24.99 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.36 1.38 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.10 2.17 0.00	32.49 2.35 0.00	33.92 2.42 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.13 3.34 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.93 2.16 0.00	28.34 1.63 0.00
MUNSVILLE_WIND_PWR 323609	30.96 2.35 -0.30	27.78 1.72 -0.07	26.84 1.42 0.00	25.03 1.30 0.00	23.33 0.90 0.00	23.74 0.94 0.00	22.34 0.88 -0.57	20.01 1.13 -1.41	23.14 1.27 -1.33	27.66 1.78 -0.05	29.54 1.93 0.00	31.10 2.17 0.00	32.55 2.41 0.00	34.49 2.99 0.00	34.86 2.85 0.00	38.69 3.45 0.00	46.84 4.18 0.00	47.72 4.18 -0.03	47.84 4.63 -0.38	38.18 3.88 0.00	34.69 3.36 -0.79	32.97 2.98 -0.23	31.76 2.99 0.00	29.08 2.38 0.00
N SALMON___HYD 24042	28.08 -0.23 0.00	25.73 -0.26 0.00	25.34 -0.08 0.00	23.63 -0.09 0.00	22.41 -0.02 0.00	22.83 0.02 0.00	20.75 -0.15 0.00	17.13 -0.33 0.00	20.25 -0.29 0.00	25.54 -0.28 0.00	27.42 -0.19 0.00	28.76 -0.17 0.00	29.89 -0.24 0.00	31.12 -0.38 0.00	31.66 -0.35 0.00	34.88 -0.35 0.00	42.15 -0.51 0.00	43.04 -0.48 0.00	42.49 -0.34 0.00	34.07 -0.24 0.00	30.39 -0.15 0.00	29.47 -0.30 0.00	28.40 -0.37 0.00	26.60 -0.11 0.00
N.AKRON___115KV_KNAPP 355671	28.18 -0.23 -0.10	25.61 -0.42 -0.03	24.55 -0.86 0.00	22.78 -0.95 0.00	21.71 -0.72 0.00	22.07 -0.73 0.00	20.74 -0.44 -0.29	18.19 0.02 -0.70	21.22 0.02 -0.66	25.93 0.08 -0.03	27.69 0.08 0.00	29.31 0.38 0.00	30.59 0.45 0.00	32.09 0.60 0.00	32.72 0.70 0.00	36.15 0.92 0.00	42.53 -0.13 0.00	43.86 0.35 0.00	43.00 0.04 -0.13	34.82 0.51 0.00	31.12 0.31 -0.27	30.41 0.57 -0.08	29.06 0.29 0.00	27.38 0.67 0.00
N.BELMOR_69_KV_BK1 55787	34.51 2.43 -3.77	32.98 2.24 -4.75	30.18 1.93 -2.84	26.56 1.78 -1.06	24.11 1.66 -0.02	24.48 1.66 -0.02	24.82 1.84 -2.09	28.10 1.69 -8.94	30.15 2.03 -7.59	34.08 2.56 -5.70	35.18 2.62 -4.95	36.50 2.69 -4.88	39.61 2.89 -6.58	43.45 2.96 -9.00	44.67 3.04 -9.61	49.95 3.24 -11.48	54.00 4.22 -7.12	56.14 4.35 -8.27	55.48 4.07 -8.58	41.57 3.09 -4.17	37.39 2.84 -4.01	37.41 2.68 -4.97	35.74 2.73 -4.23	32.86 2.19 -3.96
N.E._GEN_SANDY PD 24062	30.87 1.44 -1.12	27.62 1.38 -0.25	26.62 1.17 -0.04	24.82 1.09 0.00	23.46 1.03 0.00	23.83 1.03 0.00	24.46 1.15 -2.42	24.42 1.00 -5.96	27.29 1.15 -5.61	27.48 1.45 -0.21	29.07 1.46 0.00	30.38 1.45 0.00	31.64 1.51 0.00	33.16 1.67 0.00	33.68 1.66 0.00	36.92 1.69 0.00	45.00 2.34 0.00	45.86 2.35 0.00	46.50 2.27 -1.40	36.06 1.75 0.00	35.04 1.56 -2.95	32.07 1.46 -0.85	30.08 1.47 0.16	27.99 1.12 -0.16

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.62 1.59 -0.73	27.67 1.46 -0.22	26.59 1.17 0.00	24.82 1.09 0.00	23.46 1.03 0.00	23.78 0.98 0.00	24.10 1.21 -1.99	23.54 1.15 -4.92	26.56 1.40 -4.63	27.78 1.78 -0.18	29.40 1.79 0.00	30.78 1.85 0.00	32.16 2.02 0.00	33.60 2.11 0.00	34.19 2.18 0.00	37.56 2.33 0.00	45.73 3.07 0.00	46.65 3.13 0.00	46.62 2.87 -0.92	36.50 2.20 0.00	34.39 1.92 -1.93	32.14 1.82 -0.56	30.61 1.84 0.00	28.10 1.39 0.00
N. QUEENS_27_KV_LOAD 356247	31.07 1.98 -0.78	28.08 1.85 -0.24	26.97 1.55 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	23.97 1.16 0.00	24.42 1.44 -2.09	24.12 1.50 -5.16	27.13 1.75 -4.85	28.26 2.25 -0.19	29.94 2.32 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.13 2.89 -0.01	46.38 3.71 -0.01	47.31 3.79 -0.01	47.36 3.55 -0.97	36.92 2.61 0.00	35.01 2.44 -2.03	32.67 2.32 -0.58	31.11 2.33 -0.01	28.59 1.87 -0.01
N. TROY___115KV_TB1 355778	32.04 1.56 -2.18	27.80 1.43 -0.38	26.66 1.25 0.00	24.87 1.14 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.74 1.13 -2.72	25.14 0.96 -6.72	27.99 1.13 -6.32	27.51 1.45 -0.24	29.10 1.49 0.00	30.44 1.50 0.00	31.67 1.54 0.00	33.19 1.70 0.00	33.71 1.70 0.00	37.03 1.80 0.00	45.00 2.35 0.00	45.86 2.35 0.00	47.95 2.40 -2.73	36.20 1.89 0.00	37.99 1.71 -5.74	33.08 1.67 -1.65	30.35 1.58 0.00	27.94 1.23 0.00
NARROWS_GT1_1 24228	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT1_2 24229	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT1_3 24230	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT1_4 24231	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT1_5 24232	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT1_6 24233	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT1_7 24234	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT1_8 24235	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT2_1 24236	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT2_2 24237	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT2_3 24238	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT2_4 24239	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01

NARROWS_GT2_5 24240	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT2_6 24241	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT2_7 24242	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NARROWS_GT2_8 24243	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.51 1.87 -1.34	28.02 1.72 -0.31	26.97 1.55 0.00	25.15 1.42 0.00	23.82 1.39 0.00	24.12 1.32 0.00	24.68 1.27 -2.51	24.68 1.01 -6.20	27.56 1.19 -5.83	27.70 1.65 -0.22	29.32 1.71 0.00	30.67 1.74 0.00	31.79 1.66 0.00	33.32 1.83 0.00	33.87 1.86 0.00	37.31 2.08 0.00	45.22 2.56 0.00	46.39 2.87 0.00	47.29 2.78 -1.67	36.68 2.37 0.00	36.08 2.02 -3.52	32.74 1.96 -1.01	30.52 1.75 0.00	28.07 1.36 0.00
NCHELSEA_115KV_TR2 355582	30.87 1.78 -0.78	27.87 1.64 -0.24	26.76 1.35 0.00	24.99 1.26 0.00	23.60 1.17 0.00	23.94 1.14 0.00	24.30 1.32 -2.09	23.80 1.17 -5.17	26.82 1.42 -4.86	27.84 1.83 -0.19	29.46 1.85 0.00	30.78 1.85 0.00	32.19 2.05 0.00	33.67 2.17 0.00	34.26 2.24 0.00	37.66 2.43 0.00	45.86 3.20 0.00	46.82 3.31 0.00	46.93 3.13 -0.97	36.71 2.40 0.00	34.69 2.11 -2.04	32.32 1.96 -0.59	30.67 1.90 0.00	28.20 1.50 0.00
NEG CAPITAL___MECHNVIL 23645	32.75 2.07 -2.38	28.26 1.87 -0.40	27.07 1.65 0.00	25.25 1.52 0.00	23.91 1.48 0.00	24.24 1.44 0.00	25.10 1.44 -2.76	25.50 1.22 -6.82	28.43 1.48 -6.42	27.98 1.91 -0.24	29.60 1.99 0.00	30.99 2.05 0.00	32.31 2.17 0.00	33.86 2.36 0.00	34.39 2.37 0.00	37.80 2.57 0.00	45.90 3.24 0.00	46.82 3.31 0.00	49.18 3.38 -2.97	36.99 2.68 0.00	39.26 2.47 -6.25	34.01 2.44 -1.80	30.96 2.19 0.00	28.44 1.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.82 -0.57 -0.08	25.37 -0.65 -0.03	24.45 -0.97 0.00	22.75 -0.97 0.00	21.49 -0.94 0.00	21.91 -0.89 0.00	20.56 -0.56 -0.23	17.82 -0.23 -0.58	20.85 -0.23 -0.54	25.56 -0.28 -0.02	27.39 -0.22 0.00	28.90 -0.03 0.00	30.17 0.03 0.00	31.68 0.19 0.00	32.27 0.25 0.00	35.62 0.39 0.00	42.53 -0.13 0.00	43.44 -0.09 -0.02	42.72 -0.21 -0.10	34.27 -0.03 0.00	30.69 -0.06 -0.21	29.77 -0.06 -0.06	28.60 -0.17 0.00	26.66 -0.05 0.00
NEG CENTRAL___DRP 24199	28.51 0.11 -0.09	25.97 -0.05 -0.03	25.14 -0.28 0.00	23.42 -0.31 0.00	22.10 -0.34 0.00	22.51 -0.30 0.00	21.02 -0.13 -0.25	18.22 0.12 -0.63	21.29 0.16 -0.59	26.08 0.23 -0.02	27.89 0.28 0.00	29.34 0.41 0.00	30.62 0.48 0.00	32.15 0.66 0.00	32.69 0.67 0.00	36.01 0.78 0.00	43.26 0.60 0.00	44.30 0.74 -0.05	43.67 0.73 -0.11	35.06 0.75 0.00	31.39 0.61 -0.24	30.43 0.60 -0.07	29.26 0.49 0.00	27.16 0.45 0.00
NEG CENTRAL___INDECK 23768	29.22 0.79 -0.13	26.55 0.52 -0.04	25.49 0.08 0.00	23.68 -0.05 0.00	22.39 -0.04 0.00	22.85 0.05 0.00	21.46 0.23 -0.34	18.77 0.47 -0.83	21.77 0.45 -0.78	26.11 0.26 -0.03	27.64 0.03 0.00	29.14 0.20 0.00	30.41 0.27 0.00	31.74 0.25 0.00	32.34 0.32 0.00	35.72 0.49 0.00	42.66 0.00 0.00	44.12 0.61 0.00	44.10 1.11 -0.16	36.09 1.78 0.00	32.64 1.77 -0.33	31.64 1.79 -0.10	30.27 1.50 0.00	28.26 1.55 0.00
NEG CENTRAL___SENECA 23627	28.64 0.23 -0.10	26.05 0.03 -0.03	25.16 -0.25 0.00	23.42 -0.31 0.00	22.12 -0.31 0.00	22.55 -0.25 0.00	21.09 -0.08 -0.28	18.37 0.21 -0.70	21.46 0.27 -0.66	26.26 0.41 -0.03	28.05 0.44 0.00	29.54 0.61 0.00	30.86 0.72 0.00	32.41 0.91 0.00	32.98 0.96 0.00	36.25 1.02 0.00	43.47 0.81 0.00	44.54 1.00 -0.02	43.90 0.94 -0.13	35.27 0.96 0.00	31.66 0.86 -0.27	30.68 0.83 -0.08	29.49 0.72 0.00	27.40 0.69 0.00
NEG CENTRAL___STATE_STREET 24147	28.65 0.25 -0.09	26.07 0.05 -0.03	25.26 -0.15 0.00	23.56 -0.17 0.00	22.23 -0.20 0.00	22.64 -0.16 0.00	21.10 -0.04 -0.25	18.25 0.17 -0.61	21.36 0.25 -0.58	26.18 0.34 -0.02	28.02 0.41 0.00	29.45 0.52 0.00	30.71 0.57 0.00	32.28 0.79 0.00	32.85 0.83 0.00	36.18 0.95 0.00	43.64 0.98 0.00	44.63 1.04 -0.07	43.93 0.99 -0.11	35.20 0.89 0.00	31.44 0.67 -0.23	30.43 0.60 -0.07	29.29 0.52 0.00	27.16 0.45 0.00
NEG MILLWOOD___DRP 24198	30.99 1.90 -0.78	27.97 1.74 -0.24	26.84 1.42 0.00	25.06 1.33 0.00	23.69 1.26 0.00	24.03 1.23 0.00	24.41 1.40 -2.12	23.94 1.24 -5.23	27.00 1.54 -4.92	28.00 1.99 -0.19	29.65 2.04 0.00	30.99 2.05 0.00	32.52 2.38 0.00	33.95 2.46 0.00	34.58 2.56 0.00	37.98 2.75 0.00	46.24 3.58 0.00	47.26 3.74 0.00	47.32 3.51 -0.98	37.02 2.71 0.00	34.95 2.35 -2.06	32.56 2.20 -0.59	30.81 2.04 0.00	28.31 1.60 0.00
NEG NORTH_FLCN_SEA 23793	28.25 -0.06 0.00	25.89 -0.10 0.00	25.47 0.05 0.00	23.70 -0.02 0.00	22.48 0.04 0.00	22.89 0.09 0.00	20.83 -0.06 0.00	17.24 -0.23 0.00	20.37 -0.16 0.00	25.70 -0.13 0.00	27.58 -0.03 0.00	28.90 -0.03 0.00	30.02 -0.12 0.00	31.27 -0.22 0.00	31.82 -0.19 0.00	35.06 -0.18 0.00	42.36 -0.30 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.21 -0.10 0.00	30.54 0.00 0.00	29.59 -0.18 0.00	28.51 -0.26 0.00	26.65 -0.05 0.00
NEG NORTH_KES_CHATEGAY 23792	28.00 -0.31 0.00	25.66 -0.34 0.00	25.29 -0.13 0.00	23.56 -0.17 0.00	22.32 -0.11 0.00	22.73 -0.07 0.00	20.66 -0.23 0.00	17.08 -0.38 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.28 -0.33 0.00	28.59 -0.35 0.00	29.72 -0.42 0.00	30.93 -0.57 0.00	31.47 -0.54 0.00	34.67 -0.56 0.00	41.89 -0.77 0.00	42.82 -0.70 0.00	42.19 -0.64 0.00	33.86 -0.45 0.00	30.20 -0.34 0.00	29.29 -0.48 0.00	28.22 -0.55 0.00	26.41 -0.29 0.00

NEG NORTH___ALICE_FALLS 23915	28.22 -0.08 0.00	25.84 -0.16 0.00	25.42 0.00 0.00	23.66 -0.07 0.00	22.43 0.00 0.00	22.85 0.05 0.00	20.79 -0.10 0.00	17.20 -0.26 0.00	20.33 -0.21 0.00	25.64 -0.18 0.00	27.53 -0.08 0.00	28.85 -0.09 0.00	29.99 -0.15 0.00	31.21 -0.28 0.00	31.76 -0.26 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.24 -0.07 0.00	30.57 0.03 0.00	29.59 -0.18 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00
NEG NORTH___LWR_SARANAC 23913	28.22 -0.08 0.00	25.84 -0.16 0.00	25.42 0.00 0.00	23.66 -0.07 0.00	22.43 0.00 0.00	22.85 0.05 0.00	20.79 -0.10 0.00	17.20 -0.26 0.00	20.33 -0.21 0.00	25.64 -0.18 0.00	27.53 -0.08 0.00	28.85 -0.09 0.00	29.99 -0.15 0.00	31.21 -0.28 0.00	31.76 -0.26 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.24 -0.07 0.00	30.57 0.03 0.00	29.59 -0.18 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00
NEG NORTH___PLATTSBURG 23628	28.22 -0.08 0.00	25.84 -0.16 0.00	25.42 0.00 0.00	23.66 -0.07 0.00	22.43 0.00 0.00	22.85 0.05 0.00	20.79 -0.10 0.00	17.20 -0.26 0.00	20.33 -0.21 0.00	25.65 -0.18 0.00	27.53 -0.08 0.00	28.85 -0.09 0.00	29.99 -0.15 0.00	31.21 -0.28 0.00	31.76 -0.26 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.30 -0.22 0.00	42.66 -0.17 0.00	34.24 -0.07 0.00	30.51 -0.03 0.00	29.59 -0.18 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00
NEG WEST_LEA_LOCKPORT 23791	27.68 -0.74 -0.11	25.14 -0.88 -0.03	24.15 -1.27 0.00	22.40 -1.33 0.00	21.38 -1.05 0.00	21.71 -1.09 0.00	20.37 -0.81 -0.29	17.93 -0.26 -0.73	20.89 -0.33 -0.68	25.49 -0.36 -0.03	27.22 -0.39 0.00	28.79 -0.14 0.00	30.08 -0.06 0.00	31.49 0.00 0.00	32.08 0.06 0.00	35.48 0.25 0.00	41.59 -1.07 0.00	42.95 -0.57 0.00	42.07 -0.90 -0.13	34.14 -0.17 0.00	30.49 -0.34 -0.28	29.79 -0.06 -0.08	28.48 -0.29 0.00	26.87 0.16 0.00
NEG WEST___LANCASTR 23811	27.87 -0.57 -0.13	24.94 -1.09 -0.04	24.32 -1.09 0.00	22.59 -1.14 0.00	21.51 -0.92 0.00	21.89 -0.91 0.00	19.98 -1.25 -0.34	17.71 -0.61 -0.85	20.64 -0.70 -0.80	25.73 -0.13 -0.03	27.53 -0.08 0.00	29.11 0.17 0.00	30.41 0.27 0.00	31.87 0.38 0.00	32.46 0.45 0.00	35.90 0.67 0.00	42.23 -0.43 0.00	43.56 0.04 0.00	42.65 -0.34 -0.16	34.52 0.21 0.00	30.85 -0.03 -0.34	30.10 0.24 -0.10	28.77 0.00 0.00	27.03 0.32 0.00
NEG_PENN_ALLEGHNY 23528	28.93 0.37 -0.26	26.30 0.23 -0.07	25.44 0.03 0.00	23.70 -0.02 0.00	22.41 -0.02 0.00	22.78 -0.02 0.00	21.57 0.06 -0.61	19.24 0.26 -1.52	22.27 0.31 -1.43	26.37 0.49 -0.05	28.13 0.52 0.00	29.57 0.64 0.00	30.86 0.72 0.00	32.37 0.88 0.00	32.91 0.90 0.00	36.29 1.06 0.00	43.64 0.98 0.00	44.63 1.09 -0.03	44.14 0.99 -0.32	35.24 0.93 0.00	31.97 0.76 -0.67	30.67 0.71 -0.19	29.43 0.66 0.00	27.30 0.59 0.00
NEG___GEN_MONROE 24207	28.17 -0.23 -0.09	25.71 -0.31 -0.03	24.70 -0.71 0.00	22.95 -0.78 0.00	21.76 -0.67 0.00	22.21 -0.59 0.00	20.87 -0.27 -0.24	18.09 0.02 -0.60	21.14 0.04 -0.57	25.82 -0.03 -0.02	27.55 -0.06 0.00	28.99 0.06 0.00	30.26 0.12 0.00	31.68 0.19 0.00	32.43 0.42 0.00	35.76 0.53 0.00	42.36 -0.30 0.00	43.64 0.13 0.00	42.81 -0.13 -0.11	34.65 0.34 0.00	30.95 0.18 -0.22	30.13 0.30 -0.06	28.91 0.14 0.00	27.06 0.35 0.00
NEPA___ENERGY 23901	28.10 -0.34 -0.13	25.41 -0.62 -0.04	24.53 -0.89 0.00	22.78 -0.95 0.00	21.69 -0.74 0.00	22.07 -0.73 0.00	20.63 -0.61 -0.35	18.27 -0.05 -0.86	21.30 -0.04 -0.81	26.09 0.23 -0.03	27.80 0.19 0.00	29.40 0.46 0.00	30.71 0.57 0.00	32.22 0.72 0.00	32.78 0.77 0.00	36.29 1.06 0.00	42.70 0.04 0.00	43.99 0.48 0.00	43.08 0.09 -0.16	34.86 0.55 0.00	31.16 0.27 -0.34	30.40 0.54 -0.10	29.09 0.32 0.00	27.24 0.53 0.00
NEVERSINK___HYD 23608	30.17 1.16 -0.70	27.19 0.99 -0.20	26.13 0.71 0.00	24.42 0.69 0.00	23.01 0.58 0.00	23.35 0.55 0.00	23.42 0.73 -1.80	22.61 0.70 -4.44	25.56 0.84 -4.18	27.07 1.08 -0.16	28.66 1.05 0.00	29.97 1.04 0.00	31.31 1.17 0.00	32.78 1.29 0.00	33.39 1.38 0.00	36.78 1.55 0.00	44.83 2.17 0.00	45.82 2.30 0.00	45.85 2.14 -0.88	35.96 1.65 0.00	33.85 1.47 -1.85	31.57 1.28 -0.53	30.07 1.30 0.00	27.62 0.91 0.00
NEWKRMKL_115KV_TB1 55635	31.36 1.25 -1.81	27.49 1.14 -0.36	26.38 0.97 0.00	24.63 0.90 0.00	23.33 0.90 0.00	23.67 0.87 0.00	24.51 0.92 -2.70	24.93 0.80 -6.66	27.71 0.90 -6.27	27.23 1.16 -0.24	28.88 1.27 0.00	30.21 1.27 0.00	31.25 1.12 0.00	32.75 1.26 0.00	33.26 1.25 0.00	36.54 1.30 0.00	44.41 1.75 0.00	45.30 1.78 0.00	46.85 1.76 -2.26	35.65 1.34 0.00	36.49 1.19 -4.76	32.30 1.16 -1.37	29.86 1.09 0.00	27.48 0.77 0.00
NEWTON___FALLS_HYD 23847	28.02 -0.28 0.00	25.61 -0.39 0.00	25.14 -0.28 0.00	23.47 -0.26 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.57 -0.38 -0.05	17.20 -0.40 -0.13	20.17 -0.49 -0.13	25.29 -0.54 0.00	27.11 -0.50 0.00	28.44 -0.49 0.00	29.53 -0.60 0.00	30.93 -0.57 0.00	31.38 -0.64 0.00	34.60 -0.63 0.00	41.89 -0.77 0.00	42.72 -0.83 -0.03	42.36 -0.47 0.00	34.10 -0.21 0.00	30.39 -0.15 0.00	29.50 -0.27 0.00	28.54 -0.23 0.00	26.57 -0.13 0.00
NGRID_A1_DSASP 323792	27.34 -1.08 -0.11	24.86 -1.17 -0.03	23.92 -1.50 0.00	22.16 -1.57 0.00	20.86 -1.57 0.00	21.48 -1.32 0.00	20.11 -1.09 -0.30	17.63 -0.58 -0.74	20.53 -0.70 -0.70	24.95 -0.90 -0.03	26.62 -0.99 0.00	28.18 -0.75 0.00	29.45 -0.69 0.00	30.74 -0.76 0.00	31.34 -0.67 0.00	34.60 -0.63 0.00	40.53 -2.13 0.00	41.77 -1.74 0.00	41.00 -1.97 -0.14	33.31 -1.00 0.00	29.97 -0.85 -0.29	29.07 -0.77 -0.08	27.82 -0.95 0.00	26.33 -0.37 0.00
NGRID_A2_DSASP 323793	27.34 -1.08 -0.11	24.86 -1.17 -0.03	23.92 -1.50 0.00	22.16 -1.57 0.00	20.86 -1.57 0.00	21.48 -1.32 0.00	20.11 -1.09 -0.30	17.63 -0.58 -0.74	20.53 -0.70 -0.70	24.95 -0.90 -0.03	26.62 -0.99 0.00	28.18 -0.75 0.00	29.45 -0.69 0.00	30.74 -0.76 0.00	31.34 -0.67 0.00	34.60 -0.63 0.00	40.53 -2.13 0.00	41.77 -1.74 0.00	41.00 -1.97 -0.14	33.31 -1.00 0.00	29.97 -0.85 -0.29	29.07 -0.77 -0.08	27.82 -0.95 0.00	26.33 -0.37 0.00
NGRID_A4_DSASP 323807	27.37 -1.05 -0.11	24.88 -1.14 -0.03	23.92 -1.50 0.00	22.16 -1.57 0.00	20.86 -1.57 0.00	21.48 -1.32 0.00	20.11 -1.09 -0.30	17.63 -0.58 -0.74	20.53 -0.70 -0.70	24.95 -0.90 -0.03	26.62 -0.99 0.00	28.15 -0.78 0.00	29.41 -0.72 0.00	30.74 -0.76 0.00	31.34 -0.67 0.00	34.63 -0.60 0.00	40.53 -2.13 0.00	41.86 -1.65 0.00	41.00 -1.97 -0.14	33.31 -0.99 0.00	29.76 -1.07 -0.29	29.07 -0.77 -0.08	27.85 -0.92 0.00	26.23 -0.48 0.00
NIAGARA_115E_LBMP 323715	27.17 -1.24 -0.11	24.70 -1.32 -0.03	23.74 -1.68 0.00	22.02 -1.71 0.00	21.11 -1.32 0.00	21.32 -1.48 0.00	20.07 -1.13 -0.30	17.65 -0.56 -0.74	20.56 -0.68 -0.70	25.02 -0.83 -0.03	26.70 -0.91 0.00	28.27 -0.66 0.00	29.53 -0.60 0.00	30.86 -0.63 0.00	31.44 -0.58 0.00	34.74 -0.49 0.00	40.70 -1.96 0.00	41.95 -1.56 0.00	41.17 -1.80 -0.14	33.45 -0.86 0.00	30.10 -0.73 -0.29	29.19 -0.65 -0.08	27.93 -0.84 0.00	26.31 -0.40 0.00

NIAGARA_115W_LBMP 323714	27.31 -1.10 -0.11	24.83 -1.20 -0.03	23.87 -1.55 0.00	22.14 -1.59 0.00	20.82 -1.62 0.00	21.43 -1.37 0.00	20.04 -1.15 -0.30	17.58 -0.63 -0.74	20.47 -0.76 -0.70	24.87 -0.98 -0.03	26.53 -1.08 0.00	28.09 -0.84 0.00	29.35 -0.78 0.00	30.64 -0.85 0.00	31.25 -0.77 0.00	34.49 -0.74 0.00	40.40 -2.26 0.00	41.64 -1.87 0.00	40.87 -2.10 -0.14	33.21 -1.10 0.00	29.88 -0.95 -0.29	28.98 -0.86 -0.08	27.76 -1.01 0.00	26.28 -0.43 0.00
NIAGARA_230_LBMP 323716	27.42 -0.99 -0.11	24.94 -1.09 -0.03	23.99 -1.42 0.00	22.26 -1.47 0.00	21.13 -1.30 0.00	21.55 -1.25 0.00	20.25 -0.94 -0.30	17.78 -0.42 -0.73	20.71 -0.51 -0.69	25.21 -0.64 -0.03	26.89 -0.72 0.00	28.47 -0.46 0.00	29.72 -0.42 0.00	31.05 -0.44 0.00	31.63 -0.38 0.00	34.95 -0.28 0.00	40.95 -1.71 0.00	42.21 -1.30 0.00	41.43 -1.54 -0.13	33.66 -0.65 0.00	30.24 -0.58 -0.28	29.37 -0.48 -0.08	28.14 -0.63 0.00	26.49 -0.21 0.00
NIAGARA__115KV_198_GIBSON 55903	27.31 -1.10 -0.11	24.83 -1.20 -0.03	23.87 -1.55 0.00	22.14 -1.59 0.00	20.82 -1.62 0.00	21.43 -1.37 0.00	20.04 -1.15 -0.30	17.58 -0.63 -0.74	20.47 -0.76 -0.70	24.87 -0.98 -0.03	26.53 -1.08 0.00	28.07 -0.87 0.00	29.32 -0.81 0.00	30.64 -0.85 0.00	31.25 -0.77 0.00	34.53 -0.70 0.00	40.40 -2.26 0.00	41.73 -1.78 0.00	40.87 -2.10 -0.14	33.21 -1.10 0.00	29.67 -1.16 -0.29	28.98 -0.86 -0.08	27.76 -1.01 0.00	26.15 -0.56 0.00
NIAGARA____ 23760	27.23 -1.19 -0.11	24.73 -1.30 -0.03	23.79 -1.63 0.00	22.04 -1.68 0.00	20.91 -1.53 0.00	21.37 -1.44 0.00	20.06 -1.13 -0.30	17.61 -0.59 -0.74	20.55 -0.68 -0.70	25.00 -0.85 -0.03	26.70 -0.91 0.00	28.27 -0.66 0.00	29.50 -0.63 0.00	30.86 -0.63 0.00	31.44 -0.58 0.00	34.74 -0.49 0.00	40.70 -1.96 0.00	41.95 -1.56 0.00	41.21 -1.76 -0.14	33.42 -0.89 0.00	30.03 -0.79 -0.29	29.16 -0.68 -0.08	27.91 -0.86 0.00	26.28 -0.43 0.00
NINE_MILE_1 23575	27.46 -0.85 0.00	25.20 -0.81 -0.01	24.50 -0.91 0.00	22.87 -0.85 0.00	21.63 -0.81 0.00	21.98 -0.82 0.00	20.35 -0.67 -0.12	17.34 -0.44 -0.31	20.29 -0.53 -0.29	25.14 -0.70 -0.01	26.87 -0.74 0.00	28.18 -0.75 0.00	29.38 -0.75 0.00	30.77 -0.72 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.59 -1.06 0.00	41.99 -1.09 0.43	41.76 -1.07 0.00	33.49 -0.82 0.00	29.81 -0.73 0.00	29.02 -0.74 0.00	28.02 -0.75 0.00	26.01 -0.69 0.00
NINE_MILE_2 23744	27.46 -0.85 0.00	25.20 -0.81 -0.01	24.53 -0.89 0.00	22.87 -0.85 0.00	21.63 -0.81 0.00	21.98 -0.82 0.00	20.35 -0.67 -0.12	17.34 -0.44 -0.31	20.29 -0.53 -0.29	25.14 -0.70 -0.01	26.89 -0.72 0.00	28.18 -0.75 0.00	29.38 -0.75 0.00	30.77 -0.72 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.59 -1.06 0.00	41.99 -1.09 0.44	41.76 -1.07 0.00	33.49 -0.82 0.00	29.81 -0.73 0.00	29.02 -0.74 0.00	28.02 -0.75 0.00	26.01 -0.69 0.00
NM_CAPITAL____DRP 24208	31.37 1.27 -1.79	27.54 1.20 -0.35	26.41 0.99 0.00	24.65 0.93 0.00	23.35 0.92 0.00	23.69 0.89 0.00	24.55 0.96 -2.69	24.91 0.80 -6.64	27.71 0.92 -6.25	27.25 1.19 -0.24	28.91 1.30 0.00	30.24 1.30 0.00	31.31 1.18 0.00	32.82 1.32 0.00	33.33 1.31 0.00	36.61 1.37 0.00	44.45 1.79 0.00	45.34 1.83 0.00	46.91 1.84 -2.24	35.72 1.41 0.00	36.50 1.25 -4.71	32.34 1.22 -1.36	29.92 1.15 0.00	27.54 0.83 0.00
NM_CENTRAL____DRP 24181	28.08 -0.23 0.00	25.72 -0.29 -0.02	24.98 -0.43 0.00	23.30 -0.43 0.00	22.01 -0.43 0.00	22.37 -0.43 0.00	20.78 -0.29 -0.18	17.83 -0.07 -0.43	20.86 -0.08 -0.41	25.74 -0.10 -0.02	27.53 -0.08 0.00	28.85 -0.09 0.00	30.05 -0.09 0.00	31.52 0.03 0.00	32.05 0.03 0.00	35.34 0.11 0.00	42.66 0.00 0.00	43.51 -0.04 -0.04	42.79 -0.04 0.00	34.31 0.00 0.00	30.45 -0.09 0.00	29.67 -0.09 0.00	28.65 -0.12 0.00	26.55 -0.16 0.00
NM_FRONTIER____DRP 24179	27.31 -1.10 -0.11	24.83 -1.20 -0.03	23.87 -1.55 0.00	22.14 -1.59 0.00	20.82 -1.62 0.00	21.43 -1.37 0.00	20.04 -1.15 -0.30	17.58 -0.63 -0.74	20.47 -0.76 -0.70	24.87 -0.98 -0.03	26.53 -1.08 0.00	28.07 -0.87 0.00	29.32 -0.81 0.00	30.64 -0.85 0.00	31.25 -0.77 0.00	34.53 -0.70 0.00	40.40 -2.26 0.00	41.73 -1.78 0.00	40.87 -2.10 -0.14	33.21 -1.10 0.00	29.67 -1.16 -0.29	28.98 -0.86 -0.08	27.76 -1.01 0.00	26.15 -0.56 0.00
NM_ST_REGIS____HYD 24053	27.94 -0.37 0.00	25.58 -0.42 0.00	25.24 -0.18 0.00	23.56 -0.17 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	20.64 -0.25 0.00	17.01 -0.45 0.00	20.04 -0.49 0.00	25.31 -0.52 0.00	27.14 -0.47 0.00	28.47 -0.46 0.00	29.59 -0.54 0.00	30.86 -0.63 0.00	31.34 -0.67 0.00	34.53 -0.70 0.00	41.76 -0.90 0.00	42.57 -0.96 -0.01	42.15 -0.69 0.00	33.79 -0.51 0.00	30.17 -0.37 0.00	29.29 -0.48 0.00	28.28 -0.49 0.00	26.55 -0.16 0.00
NORTHPORT____1 23551	34.68 2.60 -3.77	33.11 2.37 -4.75	30.31 2.06 -2.84	26.68 1.90 -1.06	24.22 1.77 -0.02	24.60 1.78 -0.02	24.95 1.96 -2.09	28.21 1.80 -8.94	30.26 2.14 -7.59	34.24 2.71 -5.70	35.32 2.76 -4.95	36.47 2.66 -4.88	39.58 2.86 -6.58	43.52 3.02 -9.00	44.67 3.04 -9.61	49.92 3.21 -11.48	54.00 4.22 -7.12	56.18 4.39 -8.27	55.57 4.15 -8.59	41.77 3.15 -4.31	37.57 2.84 -4.19	37.44 2.65 -5.03	35.94 2.94 -4.23	33.08 2.40 -3.97
NORTHPORT____2 23552	34.68 2.60 -3.77	33.11 2.37 -4.75	30.31 2.06 -2.84	26.68 1.90 -1.06	24.22 1.77 -0.02	24.60 1.78 -0.02	24.95 1.96 -2.09	28.21 1.80 -8.94	30.26 2.14 -7.59	34.24 2.71 -5.70	35.32 2.76 -4.95	36.47 2.66 -4.88	39.58 2.86 -6.58	43.52 3.02 -9.00	44.67 3.04 -9.61	49.92 3.21 -11.48	54.00 4.22 -7.12	56.18 4.39 -8.27	55.57 4.15 -8.59	41.77 3.15 -4.31	37.57 2.84 -4.19	37.44 2.65 -5.03	35.94 2.94 -4.23	33.08 2.40 -3.97
NORTHPORT____3 23553	34.62 2.55 -3.77	33.06 2.31 -4.75	30.26 2.01 -2.84	26.64 1.85 -1.06	24.18 1.73 -0.02	24.55 1.73 -0.02	24.90 1.92 -2.09	28.17 1.76 -8.94	30.24 2.12 -7.59	34.21 2.69 -5.70	35.35 2.79 -4.96	36.60 2.78 -4.88	39.73 3.01 -6.58	43.65 3.15 -9.01	44.80 3.17 -9.62	50.13 3.42 -11.49	54.18 4.39 -7.13	56.32 4.53 -8.28	55.67 4.24 -8.60	41.89 3.26 -4.32	37.70 2.96 -4.20	37.57 2.77 -5.04	35.92 2.90 -4.24	33.03 2.35 -3.97
NORTHPORT____4 23650	34.62 2.55 -3.77	33.06 2.31 -4.75	30.26 2.01 -2.84	26.64 1.85 -1.06	24.18 1.73 -0.02	24.55 1.73 -0.02	24.90 1.92 -2.09	28.17 1.76 -8.94	30.24 2.12 -7.59	34.21 2.69 -5.70	35.35 2.79 -4.96	36.60 2.78 -4.88	39.73 3.01 -6.58	43.65 3.15 -9.01	44.80 3.17 -9.62	50.13 3.42 -11.49	54.18 4.39 -7.13	56.32 4.53 -8.28	55.67 4.24 -8.60	41.89 3.26 -4.32	37.70 2.96 -4.20	37.57 2.77 -5.04	35.92 2.90 -4.24	33.03 2.35 -3.97
NORTHPORT____IC 23718	34.68 2.60 -3.77	33.11 2.37 -4.75	30.31 2.06 -2.84	26.68 1.90 -1.06	24.22 1.77 -0.02	24.60 1.78 -0.02	24.95 1.96 -2.09	28.21 1.80 -8.94	30.26 2.14 -7.59	34.24 2.71 -5.70	35.32 2.76 -4.95	36.47 2.66 -4.88	39.58 2.86 -6.58	43.52 3.02 -9.00	44.67 3.04 -9.61	49.92 3.21 -11.48	54.00 4.22 -7.12	56.18 4.39 -8.27	55.57 4.15 -8.59	41.77 3.15 -4.31	37.57 2.84 -4.19	37.44 2.65 -5.03	35.94 2.94 -4.23	33.08 2.40 -3.97

NORTH__COUNTRY_ESR 323785	27.91 -0.40 0.00	25.60 -0.39 0.00	25.21 -0.20 0.00	23.51 -0.21 0.00	22.28 -0.16 0.00	22.69 -0.11 0.00	20.62 -0.27 0.00	17.05 -0.42 0.00	20.12 -0.41 0.00	25.36 -0.46 0.00	27.22 -0.39 0.00	28.53 -0.41 0.00	29.65 -0.48 0.00	30.86 -0.63 0.00	31.41 -0.61 0.00	34.56 -0.67 0.00	41.81 -0.85 0.00	42.69 -0.83 0.00	42.10 -0.73 0.00	33.73 -0.58 0.00	30.05 -0.49 0.00	29.20 -0.57 0.00	28.14 -0.63 0.00	26.33 -0.37 0.00
NPX_GEN_1385_PROXY 323591	34.79 2.72 -3.77	33.13 2.42 -4.72	30.53 2.24 -2.87	26.92 2.14 -1.06	24.47 2.02 -0.02	24.83 2.01 -0.02	25.20 2.21 -2.09	28.38 1.97 -8.94	30.32 2.20 -7.59	34.24 2.71 -5.70	35.32 2.76 -4.95	36.47 2.66 -4.88	39.58 2.86 -6.58	43.52 3.02 -9.00	44.67 3.04 -9.61	49.74 3.03 -11.48	54.00 4.22 -7.12	56.09 4.31 -8.27	55.49 4.07 -8.59	41.77 3.15 -4.31	37.57 2.84 -4.19	37.44 2.65 -5.03	35.78 2.94 -4.08	33.24 2.40 -4.12
NPX_GEN_CSC 323557	35.41 3.34 -3.77	33.67 2.96 -4.72	30.93 2.64 -2.87	27.18 2.40 -1.06	24.69 2.24 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.73 2.61 -7.59	34.91 3.38 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.51 3.80 -6.58	44.44 3.94 -9.01	45.54 3.90 -9.62	50.73 4.01 -11.49	55.02 5.25 -7.12	57.44 5.65 -8.27	57.02 5.35 -8.84	47.57 4.29 -8.97	44.83 3.76 -10.54	40.39 3.60 -7.03	36.59 3.74 -4.08	34.04 3.20 -4.12
NSINS_S_GLNS_FALLS 23858	33.01 2.24 -2.47	28.40 2.00 -0.40	27.17 1.75 0.00	25.34 1.61 0.00	24.03 1.59 0.00	24.33 1.53 0.00	25.20 1.53 -2.79	25.61 1.28 -6.87	28.59 1.58 -6.47	28.14 2.07 -0.25	29.62 2.02 0.00	31.05 2.11 0.00	32.37 2.23 0.00	33.79 2.30 0.00	34.32 2.31 0.00	37.84 2.61 0.00	45.73 3.07 0.00	46.69 3.18 0.00	49.47 3.55 -3.08	37.12 2.81 0.00	39.86 2.84 -6.49	34.46 2.83 -1.87	31.22 2.45 0.00	28.60 1.90 0.00
NUCOR_STEEL__DRP 24197	28.73 0.34 -0.08	26.15 0.13 -0.03	25.34 -0.08 0.00	23.66 -0.07 0.00	22.32 -0.11 0.00	22.73 -0.07 0.00	21.17 0.04 -0.24	18.28 0.23 -0.59	21.38 0.29 -0.55	26.21 0.36 -0.02	28.05 0.44 0.00	29.48 0.55 0.00	30.74 0.60 0.00	32.31 0.82 0.00	32.85 0.83 0.00	36.22 0.99 0.00	43.68 1.02 0.00	44.68 1.09 -0.08	43.96 1.03 -0.11	35.20 0.89 0.00	31.46 0.70 -0.22	30.45 0.63 -0.06	29.35 0.58 0.00	27.22 0.51 0.00
NUMBER_THREE_WT_PWR 323818	28.51 0.20 0.00	26.00 0.00 -0.01	25.39 -0.03 0.00	23.68 -0.05 0.00	22.25 -0.18 0.00	22.64 -0.16 0.00	20.76 -0.21 -0.08	17.55 -0.10 -0.19	20.54 -0.16 -0.17	25.68 -0.15 -0.01	27.53 -0.08 0.00	28.88 -0.06 0.00	29.99 -0.15 0.00	31.49 0.00 0.00	31.92 -0.10 0.00	35.23 0.00 0.00	42.70 0.04 0.00	43.55 0.00 -0.04	43.22 0.38 0.00	34.79 0.48 0.00	30.97 0.43 0.00	30.06 0.30 0.00	29.12 0.35 0.00	26.90 0.19 0.00
NYISO_LBMP_REFERENCE 24008	28.31 0.00 0.00	25.99 0.00 0.00	25.42 0.00 0.00	23.73 0.00 0.00	22.43 0.00 0.00	22.80 0.00 0.00	20.89 0.00 0.00	17.47 0.00 0.00	20.53 0.00 0.00	25.83 0.00 0.00	27.61 0.00 0.00	28.93 0.00 0.00	30.14 0.00 0.00	31.49 0.00 0.00	32.02 0.00 0.00	35.23 0.00 0.00	42.66 0.00 0.00	43.51 0.00 0.00	42.83 0.00 0.00	34.31 0.00 0.00	30.54 0.00 0.00	29.76 0.00 0.00	28.77 0.00 0.00	26.71 0.00 0.00
NYPA_BRENTWD__GT 24164	35.11 3.03 -3.77	33.48 2.73 -4.75	30.64 2.39 -2.84	26.99 2.21 -1.06	24.51 2.06 -0.02	24.87 2.05 -0.02	25.20 2.21 -2.09	28.42 2.01 -8.94	30.52 2.40 -7.59	34.60 3.07 -5.70	35.76 3.20 -4.95	36.96 3.15 -4.88	40.18 3.46 -6.58	44.12 3.62 -9.00	45.31 3.68 -9.61	50.69 3.98 -11.48	54.89 5.12 -7.12	57.09 5.31 -8.27	56.52 5.05 -8.64	43.42 3.88 -5.23	39.44 3.45 -5.45	38.46 3.27 -5.42	36.43 3.42 -4.23	33.51 2.83 -3.97
NYPA_GOWANUS__GT5 24156	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NYPA_GOWANUS__GT6 24157	31.21 2.12 -0.78	28.13 1.90 -0.24	27.03 1.60 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.31 2.37 -0.01	32.71 2.56 -0.01	34.18 2.68 -0.01	34.74 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.52 3.72 -0.97	36.99 2.68 0.00	35.01 2.44 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01
NYPA_HARLEM_RVR_GT1 24160	31.04 1.95 -0.78	28.05 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.09 1.47 -5.16	27.09 1.70 -4.85	28.20 2.19 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	37.95 2.71 -0.01	46.29 3.62 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	37.02 2.71 0.00	34.98 2.41 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.53 1.82 -0.01
NYPA_HARLEM_RVR_GT2 24161	31.04 1.95 -0.78	28.05 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.09 1.47 -5.16	27.09 1.70 -4.85	28.20 2.19 -0.19	29.88 2.26 -0.01	31.28 2.34 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	37.95 2.71 -0.01	46.29 3.62 -0.01	47.22 3.70 -0.01	47.27 3.47 -0.97	37.02 2.71 0.00	34.98 2.41 -2.03	32.61 2.26 -0.58	31.08 2.30 -0.01	28.53 1.82 -0.01
NYPA_KENT__GT 24152	31.12 2.04 -0.78	28.08 1.85 -0.24	26.95 1.52 -0.01	25.14 1.40 -0.01	23.71 1.28 0.00	23.99 1.18 0.00	24.44 1.46 -2.09	24.04 1.41 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.94 2.32 -0.01	31.26 2.32 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.68 2.66 -0.01	38.09 2.85 -0.01	46.51 3.84 -0.01	47.44 3.92 -0.01	47.44 3.64 -0.97	36.95 2.64 0.00	34.95 2.38 -2.03	32.52 2.17 -0.58	31.16 2.39 -0.01	28.53 1.82 -0.01
NYPA_POUCH1__GT 24155	31.18 2.09 -0.78	28.11 1.87 -0.24	26.97 1.55 -0.01	25.16 1.42 -0.01	23.73 1.30 0.00	23.96 1.16 0.00	24.42 1.44 -2.09	24.00 1.38 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.91 2.29 -0.01	31.23 2.29 -0.01	32.62 2.47 -0.02	34.09 2.58 -0.02	34.66 2.63 -0.02	38.07 2.82 -0.02	46.55 3.88 -0.02	47.49 3.96 -0.02	47.45 3.64 -0.98	36.92 2.61 0.00	34.93 2.35 -2.04	32.46 2.11 -0.58	31.19 2.42 -0.01	28.53 1.82 -0.01
NYPA_VERNON__GT2 24162	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.64 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.35 3.83 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01

NYPA_VERNON____GT3 24163	31.04	28.00	26.90	25.09	23.67	23.94	24.40	24.04	27.07	28.15	29.88	31.23	32.64	34.08	34.65	38.02	46.38	47.35	47.31	36.88	34.92	32.49	31.08	28.45
	1.95	1.77	1.47	1.35	1.23	1.14	1.42	1.41	1.68	2.14	2.26	2.29	2.50	2.58	2.63	2.78	3.71	3.83	3.51	2.57	2.35	2.14	2.30	1.74
	-0.78	-0.24	-0.01	-0.01	0.00	0.00	-2.09	-5.16	-4.85	-0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.97	0.00	-2.03	-0.58	-0.01	-0.01
NYPA____ASTORIA_CC1 323568	31.04	28.00	26.90	25.09	23.67	23.94	24.40	24.04	27.07	28.15	29.88	31.23	32.62	34.08	34.65	38.02	46.38	47.31	47.31	36.88	34.92	32.49	31.08	28.45
	1.95	1.77	1.47	1.35	1.23	1.14	1.42	1.41	1.68	2.14	2.26	2.29	2.47	2.58	2.63	2.78	3.71	3.78	3.51	2.57	2.35	2.14	2.30	1.74
	-0.78	-0.24	-0.01	-0.01	0.00	0.00	-2.09	-5.16	-4.85	-0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.97	0.00	-2.03	-0.58	-0.01	-0.01
NYPA____ASTORIA_CC2 323569	31.04	28.00	26.90	25.09	23.67	23.94	24.40	24.04	27.07	28.15	29.88	31.23	32.62	34.08	34.65	38.02	46.38	47.31	47.31	36.88	34.92	32.49	31.08	28.45
	1.95	1.77	1.47	1.35	1.23	1.14	1.42	1.41	1.68	2.14	2.26	2.29	2.47	2.58	2.63	2.78	3.71	3.78	3.51	2.57	2.35	2.14	2.30	1.74
	-0.78	-0.24	-0.01	-0.01	0.00	0.00	-2.09	-5.16	-4.85	-0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.97	0.00	-2.03	-0.58	-0.01	-0.01
NYPA____HOLTSVILL 23794	34.99	33.37	30.56	26.89	24.42	24.80	25.12	28.35	30.46	34.52	35.65	36.79	40.06	44.00	45.16	50.49	54.60	56.83	56.46	46.91	44.29	39.91	36.34	33.45
	2.92	2.62	2.31	2.11	1.97	1.98	2.13	1.94	2.34	2.99	3.09	2.98	3.34	3.50	3.52	3.77	4.82	5.05	4.80	3.71	3.33	3.15	3.34	2.78
	-3.77	-4.75	-2.84	-1.06	-0.02	-0.02	-2.09	-8.94	-7.59	-5.70	-4.95	-4.88	-6.58	-9.01	-9.62	-11.49	-7.12	-8.27	-8.83	-8.89	-10.43	-6.99	-4.23	-3.97
NYPA____HELLGATE_GT1 24158	31.04	28.05	26.95	25.16	23.71	23.94	24.40	24.09	27.09	28.20	29.88	31.28	32.68	34.11	34.68	37.95	46.29	47.22	47.27	37.02	34.98	32.61	31.08	28.53
	1.95	1.82	1.52	1.42	1.28	1.14	1.42	1.47	1.70	2.19	2.26	2.34	2.53	2.61	2.66	2.71	3.62	3.70	3.47	2.71	2.41	2.26	2.30	1.82
	-0.78	-0.24	-0.01	-0.01	0.00	0.00	-2.09	-5.16	-4.85	-0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.97	0.00	-2.03	-0.58	-0.01	-0.01
NYPA____HELLGATE_GT2 24159	31.04	28.05	26.95	25.16	23.71	23.94	24.40	24.09	27.09	28.20	29.88	31.28	32.68	34.11	34.68	37.95	46.29	47.22	47.27	37.02	34.98	32.61	31.08	28.53
	1.95	1.82	1.52	1.42	1.28	1.14	1.42	1.47	1.70	2.19	2.26	2.34	2.53	2.61	2.66	2.71	3.62	3.70	3.47	2.71	2.41	2.26	2.30	1.82
	-0.78	-0.24	-0.01	-0.01	0.00	0.00	-2.09	-5.16	-4.85	-0.19	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.01	-0.97	0.00	-2.03	-0.58	-0.01	-0.01
NYS_BARGE____HYD 23848	27.68	25.14	24.15	22.38	21.40	21.69	20.37	17.93	20.88	25.49	27.22	28.85	30.14	31.49	32.11	35.48	41.59	42.86	42.06	34.14	30.70	29.81	28.51	26.82
	-0.74	-0.88	-1.27	-1.35	-1.03	-1.12	-0.82	-0.26	-0.33	-0.36	-0.39	-0.09	0.00	0.00	0.10	0.25	-1.06	-0.65	-0.90	-0.17	-0.12	-0.03	-0.26	0.11
	-0.11	-0.03	0.00	0.00	0.00	0.00	-0.29	-0.72	-0.68	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	-0.28	-0.08	0.00	0.00
OAK ORCHARD____HYD 24046	28.19	25.71	24.76	23.02	21.78	22.21	20.86	18.10	21.18	25.90	27.72	29.28	30.56	32.06	32.66	36.04	42.79	43.82	43.07	34.69	31.10	30.21	28.97	27.08
	-0.20	-0.31	-0.66	-0.71	-0.65	-0.59	-0.27	0.04	0.08	0.05	0.11	0.35	0.42	0.57	0.64	0.81	0.13	0.31	0.13	0.38	0.34	0.39	0.20	0.37
	-0.08	-0.03	0.00	0.00	0.00	0.00	-0.24	-0.60	-0.56	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	-0.22	-0.06	0.00	0.00
OAKDALE__35_KV_LOAD 356122	28.76	26.14	25.31	23.61	22.32	22.69	21.48	19.14	22.17	26.24	27.97	29.40	30.68	32.15	32.69	36.04	43.38	44.37	43.88	35.03	31.74	30.50	29.26	27.14
	0.20	0.08	-0.10	-0.12	-0.11	-0.11	-0.02	0.17	0.23	0.36	0.36	0.46	0.54	0.66	0.67	0.81	0.73	0.83	0.73	0.72	0.52	0.54	0.49	0.43
	-0.26	-0.07	0.00	0.00	0.00	0.00	-0.61	-1.50	-1.41	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.32	0.00	-0.68	-0.20	0.00	0.00
OCC_CHEM____DRP 24175	27.37	24.88	23.92	22.16	20.86	21.48	20.11	17.63	20.53	24.95	26.62	28.15	29.41	30.74	31.34	34.63	40.53	41.86	41.00	33.31	29.76	29.07	27.85	26.23
	-1.05	-1.14	-1.50	-1.57	-1.57	-1.32	-1.09	-0.58	-0.70	-0.90	-0.99	-0.78	-0.72	-0.76	-0.67	-0.60	-2.13	-1.65	-1.97	-0.99	-1.07	-0.77	-0.92	-0.48
	-0.11	-0.03	0.00	0.00	0.00	0.00	-0.30	-0.74	-0.70	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	-0.29	-0.08	0.00	0.00
OH_GEN_PROXY 24063	27.45	24.90	24.06	22.28	21.15	21.55	20.27	17.80	20.73	25.23	26.92	28.50	29.74	31.08	31.70	34.99	41.04	42.25	41.51	33.69	30.27	29.40	27.98	26.65
	-0.96	-1.09	-1.40	-1.45	-1.28	-1.25	-0.92	-0.40	-0.49	-0.62	-0.69	-0.43	-0.39	-0.41	-0.32	-0.24	-1.62	-1.26	-1.46	-0.62	-0.55	-0.45	-0.63	-0.21
	-0.11	0.01	-0.04	0.00	0.00	0.00	-0.30	-0.73	-0.69	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	-0.28	-0.08	0.16	-0.16
OLIN_CORP_DRP 24177	27.23	24.75	23.79	22.07	21.13	21.37	20.11	17.69	20.60	25.08	26.75	28.30	29.56	30.93	31.50	34.81	40.82	42.12	41.26	33.52	29.95	29.25	27.99	26.47
	-1.19	-1.27	-1.63	-1.66	-1.30	-1.44	-1.09	-0.52	-0.64	-0.77	-0.86	-0.64	-0.57	-0.57	-0.51	-0.42	-1.83	-1.39	-1.71	-0.79	-0.89	-0.60	-0.78	-0.24
	-0.11	-0.03	0.00	0.00	0.00	0.00	-0.30	-0.75	-0.70	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	-0.29	-0.08	0.00	0.00
OLIN_CORP_DSASP 323712	27.34	24.86	23.92	22.16	20.86	21.48	20.11	17.63	20.53	24.95	26.62	28.18	29.45	30.74	31.34	34.60	40.53	41.77	41.00	33.31	29.97	29.07	27.82	26.33
	-1.08	-1.17	-1.50	-1.57	-1.57	-1.32	-1.09	-0.58	-0.70	-0.90	-0.99	-0.75	-0.69	-0.76	-0.67	-0.63	-2.13	-1.74	-1.97	-1.00	-0.85	-0.77	-0.95	-0.37
	-0.11	-0.03	0.00	0.00	0.00	0.00	-0.30	-0.74	-0.70	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.14	0.00	-0.29	-0.08	0.00	0.00
ONEIDA_HERK_LFGE 323681	28.93	26.41	25.77	24.04	22.61	23.01	21.12	17.90	20.97	26.24	28.11	29.51	30.74	32.28	32.72	36.11	43.72	44.53	43.99	35.30	31.39	30.51	29.52	27.24
	0.62	0.41	0.36	0.31	0.18	0.20	0.17	0.28	0.29	0.41	0.50	0.58	0.60	0.79	0.70	0.88	1.07	1.00	1.16	1.00	0.85	0.74	0.75	0.53
	0.00	-0.01	0.00	0.00	0.00	0.00	-0.06	-0.16	-0.15	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	29.13	26.60	25.87	24.16	22.70	23.10	21.30	18.15	21.26	26.46	28.30	29.71	30.98	32.56	33.04	36.46	44.11	44.93	44.33	35.58	31.61	30.72	29.72	27.43
	0.82	0.60	0.46	0.43	0.27	0.30	0.29	0.40	0.45	0.62	0.69	0.78	0.84	1.07	1.02	1.23	1.45	1.39	1.50	1.27	1.07	0.95	0.95	0.72
	0.00	-0.01	0.00	0.00	0.00	0.00	-0.12	-0.29	-0.27	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	0.00	0.00	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	28.27 -0.11 -0.07	25.84 -0.18 -0.02	25.09 -0.33 0.00	23.37 -0.36 0.00	22.07 -0.36 0.00	22.44 -0.36 0.00	20.88 -0.23 -0.22	17.98 -0.02 -0.53	21.01 -0.02 -0.50	25.82 -0.03 -0.02	27.61 0.00 0.00	28.96 0.03 0.00	30.17 0.03 0.00	31.65 0.16 0.00	32.21 0.19 0.00	35.48 0.25 0.00	42.83 0.17 0.00	43.74 0.17 -0.05	43.09 0.17 -0.09	34.48 0.17 0.00	30.82 0.09 -0.19	29.88 0.06 -0.06	28.80 0.03 0.00	26.68 -0.03 0.00
ONONDAGA___COGEN 23986	28.25 -0.06 0.00	25.88 -0.13 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.12 -0.31 0.00	22.51 -0.30 0.00	20.93 -0.17 -0.20	17.98 0.02 -0.49	21.02 0.02 -0.47	25.89 0.05 -0.02	27.69 0.08 0.00	29.05 0.12 0.00	30.29 0.15 0.00	31.81 0.31 0.00	32.34 0.32 0.00	35.65 0.42 0.00	43.04 0.38 0.00	43.94 0.35 -0.08	43.13 0.30 0.00	34.62 0.31 0.00	30.72 0.18 0.00	29.91 0.15 0.00	28.89 0.12 0.00	26.79 0.08 0.00
ONTARIO___LFGE 23819	28.63 0.23 -0.10	26.08 0.05 -0.03	25.16 -0.25 0.00	23.42 -0.31 0.00	22.12 -0.31 0.00	22.55 -0.25 0.00	21.09 -0.08 -0.28	18.37 0.21 -0.70	21.46 0.27 -0.66	26.26 0.41 -0.03	28.05 0.44 0.00	29.57 0.64 0.00	30.86 0.72 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.22 0.99 0.00	43.43 0.77 0.00	44.49 0.96 -0.02	43.90 0.94 -0.13	35.27 0.96 0.00	31.76 0.95 -0.27	30.67 0.83 -0.08	29.46 0.69 0.00	27.40 0.69 0.00
ORANGEVILLE_WT_PWR 323706	28.05 -0.40 -0.14	25.41 -0.62 -0.04	24.48 -0.94 0.00	22.73 -1.00 0.00	21.60 -0.83 0.00	22.03 -0.78 0.00	20.65 -0.61 -0.36	18.25 -0.10 -0.89	21.27 -0.10 -0.83	25.91 0.05 -0.03	27.64 0.03 0.00	29.25 0.32 0.00	30.53 0.39 0.00	31.97 0.47 0.00	32.56 0.54 0.00	35.97 0.74 0.00	42.40 -0.25 0.00	43.69 0.17 0.00	42.96 -0.04 -0.17	34.75 0.44 0.00	31.26 0.37 -0.36	30.31 0.45 -0.10	29.00 0.23 0.00	27.16 0.45 0.00
ORANGEVILLE___ESR 323794	28.05 -0.40 -0.14	25.41 -0.62 -0.04	24.48 -0.94 0.00	22.73 -1.00 0.00	21.60 -0.83 0.00	22.03 -0.78 0.00	20.65 -0.61 -0.36	18.25 -0.10 -0.89	21.27 -0.10 -0.83	25.91 0.05 -0.03	27.64 0.03 0.00	29.25 0.32 0.00	30.53 0.39 0.00	31.97 0.47 0.00	32.56 0.54 0.00	35.97 0.74 0.00	42.40 -0.25 0.00	43.69 0.17 0.00	42.96 -0.04 -0.17	34.75 0.44 0.00	31.26 0.37 -0.36	30.31 0.45 -0.10	29.00 0.23 0.00	27.16 0.45 0.00
OSWEGATCHIE___HYD 24044	28.02 -0.28 0.00	25.61 -0.39 0.00	25.14 -0.28 0.00	23.47 -0.26 0.00	22.14 -0.29 0.00	22.53 -0.27 0.00	20.57 -0.38 -0.05	17.20 -0.40 -0.13	20.17 -0.49 -0.13	25.29 -0.54 0.00	27.11 -0.50 0.00	28.44 -0.49 0.00	29.53 -0.60 0.00	30.93 -0.57 0.00	31.38 -0.64 0.00	34.60 -0.63 0.00	41.89 -0.77 0.00	42.71 -0.83 -0.03	42.36 -0.47 0.00	34.10 -0.20 0.00	30.36 -0.18 0.00	29.50 -0.27 0.00	28.54 -0.23 0.00	26.58 -0.13 0.00
OSWEGO___5 23606	27.68 -0.62 0.00	25.38 -0.62 -0.01	24.70 -0.71 0.00	23.04 -0.69 0.00	21.78 -0.65 0.00	22.14 -0.66 0.00	20.51 -0.52 -0.14	17.52 -0.30 -0.35	20.50 -0.37 -0.33	25.35 -0.49 -0.01	27.11 -0.50 0.00	28.44 -0.49 0.00	29.62 -0.51 0.00	31.02 -0.47 0.00	31.57 -0.45 0.00	34.77 -0.46 0.00	41.97 -0.68 0.00	43.10 -0.74 -0.32	42.10 -0.73 0.00	33.80 -0.51 0.00	30.05 -0.49 0.00	29.29 -0.48 0.00	28.28 -0.49 0.00	26.23 -0.48 0.00
OSWEGO___6 23613	27.68 -0.62 0.00	25.38 -0.62 -0.01	24.70 -0.71 0.00	23.04 -0.69 0.00	21.78 -0.65 0.00	22.14 -0.66 0.00	20.51 -0.52 -0.14	17.52 -0.30 -0.35	20.50 -0.37 -0.33	25.35 -0.49 -0.01	27.11 -0.50 0.00	28.44 -0.49 0.00	29.62 -0.51 0.00	31.02 -0.47 0.00	31.57 -0.45 0.00	34.77 -0.46 0.00	41.97 -0.68 0.00	43.10 -0.74 -0.32	42.10 -0.73 0.00	33.80 -0.51 0.00	30.05 -0.49 0.00	29.29 -0.48 0.00	28.28 -0.49 0.00	26.23 -0.48 0.00
OUTOKUMPU-AB___DRP 24206	27.91 -0.51 -0.11	25.35 -0.68 -0.03	24.35 -1.07 0.00	22.59 -1.14 0.00	21.45 -0.99 0.00	21.91 -0.89 0.00	20.51 -0.69 -0.31	18.06 -0.16 -0.75	21.06 -0.18 -0.71	25.72 -0.13 -0.03	27.47 -0.14 0.00	29.08 0.14 0.00	30.35 0.21 0.00	31.78 0.28 0.00	32.40 0.38 0.00	35.83 0.60 0.00	41.98 -0.68 0.00	43.38 -0.13 0.00	42.46 -0.51 -0.14	34.41 0.10 0.00	30.74 -0.09 -0.30	30.06 0.21 -0.08	28.71 -0.06 0.00	27.00 0.29 0.00
OXBOW___ 24026	27.71 -0.71 -0.11	25.17 -0.86 -0.03	24.20 -1.22 0.00	22.42 -1.31 0.00	21.20 -1.23 0.00	21.75 -1.05 0.00	20.34 -0.86 -0.30	17.88 -0.33 -0.75	20.85 -0.39 -0.70	25.41 -0.44 -0.03	27.14 -0.47 0.00	28.73 -0.20 0.00	30.02 -0.12 0.00	31.37 -0.13 0.00	31.98 -0.03 0.00	35.34 0.11 0.00	41.38 -1.28 0.00	42.69 -0.83 -0.00	41.86 -1.11 -0.14	33.97 -0.34 0.00	30.56 -0.28 -0.29	29.67 -0.18 -0.08	28.37 -0.40 0.00	26.76 0.05 0.00
OXY_CHEM_DSASP 323612	27.37 -1.05 -0.11	24.88 -1.14 -0.03	23.92 -1.50 0.00	22.16 -1.57 0.00	20.86 -1.57 0.00	21.48 -1.32 0.00	20.11 -1.09 -0.30	17.63 -0.58 -0.74	20.53 -0.70 -0.70	24.95 -0.90 -0.03	26.62 -0.99 0.00	28.15 -0.78 0.00	29.41 -0.72 0.00	30.74 -0.76 0.00	31.34 -0.67 0.00	34.63 -0.60 0.00	40.53 -2.13 0.00	41.86 -1.65 0.00	41.00 -1.97 -0.14	33.31 -0.99 0.00	29.76 -1.07 -0.29	29.07 -0.77 -0.08	27.85 -0.92 0.00	26.23 -0.48 0.00
OZONE_PARK_ESR 323760	31.14 2.07 -0.77	28.07 1.85 -0.23	26.97 1.55 0.00	25.13 1.40 0.00	23.71 1.28 0.00	24.06 1.25 0.00	24.51 1.53 -2.09	24.11 1.48 -5.16	27.17 1.79 -4.85	28.28 2.27 -0.19	30.01 2.40 0.00	31.36 2.43 0.00	32.79 2.65 0.00	34.23 2.74 0.00	34.80 2.79 0.00	38.19 2.96 0.00	46.67 4.01 0.00	47.60 4.09 0.00	47.56 3.77 -0.96	37.05 2.74 0.00	35.04 2.47 -2.02	32.64 2.29 -0.58	31.24 2.47 0.00	28.55 1.84 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.37 -1.05 -0.11	24.88 -1.14 -0.03	23.92 -1.50 0.00	22.16 -1.57 0.00	20.86 -1.57 0.00	21.48 -1.32 0.00	20.11 -1.09 -0.30	17.63 -0.58 -0.74	20.53 -0.70 -0.70	24.95 -0.90 -0.03	26.62 -0.99 0.00	28.15 -0.78 0.00	29.41 -0.72 0.00	30.74 -0.76 0.00	31.34 -0.67 0.00	34.63 -0.60 0.00	40.53 -2.13 0.00	41.86 -1.65 0.00	41.00 -1.97 -0.14	33.31 -0.99 0.00	29.76 -1.07 -0.29	29.07 -0.77 -0.08	27.85 -0.92 0.00	26.23 -0.48 0.00
PACKARD__115KV_DUPONT_184 80571	27.37 -1.05 -0.11	24.88 -1.14 -0.03	23.92 -1.50 0.00	22.16 -1.57 0.00	20.86 -1.57 0.00	21.48 -1.32 0.00	20.11 -1.09 -0.30	17.63 -0.58 -0.74	20.53 -0.70 -0.70	24.95 -0.90 -0.03	26.62 -0.99 0.00	28.15 -0.78 0.00	29.41 -0.72 0.00	30.74 -0.76 0.00	31.34 -0.67 0.00	34.63 -0.60 0.00	40.53 -2.13 0.00	41.86 -1.65 0.00	41.00 -1.97 -0.14	33.31 -0.99 0.00	29.76 -1.07 -0.29	29.07 -0.77 -0.08	27.85 -0.92 0.00	26.23 -0.48 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.07 1.98 -0.78	28.06 1.82 -0.24	26.95 1.52 -0.01	25.16 1.42 -0.01	23.71 1.28 0.00	23.94 1.14 0.00	24.38 1.40 -2.09	24.07 1.45 -5.16	27.07 1.68 -4.85	28.18 2.17 -0.19	29.88 2.26 -0.01	31.26 2.31 -0.01	32.68 2.53 -0.01	34.11 2.61 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.33 3.67 -0.01	47.26 3.74 -0.01	47.27 3.47 -0.97	36.85 2.54 0.00	34.92 2.35 -2.03	32.55 2.20 -0.58	31.08 2.30 -0.01	28.53 1.82 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.35 2.26 -0.78	28.32 2.08 -0.24	27.20 1.78 -0.01	25.40 1.66 -0.01	23.94 1.50 0.00	24.17 1.37 0.00	24.61 1.63 -2.09	24.26 1.64 -5.16	27.28 1.89 -4.85	28.44 2.43 -0.19	30.19 2.57 -0.01	31.57 2.63 -0.01	33.01 2.86 -0.01	34.49 2.99 -0.01	35.07 3.04 -0.01	38.52 3.28 -0.01	46.93 4.27 -0.01	47.87 4.35 -0.01	47.91 4.11 -0.97	37.33 3.02 0.00	35.35 2.78 -2.03	32.94 2.59 -0.58	31.48 2.70 -0.01	28.88 2.16 -0.01
PATROON__115KV_TB1 80586	31.53 1.33 -1.89	27.58 1.22 -0.36	26.46 1.04 0.00	24.68 0.95 0.00	23.40 0.96 0.00	23.71 0.91 0.00	24.59 0.98 -2.71	24.99 0.84 -6.69	27.80 0.97 -6.30	27.31 1.24 -0.24	28.96 1.35 0.00	30.29 1.36 0.00	31.37 1.24 0.00	32.85 1.35 0.00	33.39 1.38 0.00	36.68 1.44 0.00	44.53 1.88 0.00	45.43 1.91 0.00	47.12 1.93 -2.37	35.78 1.48 0.00	36.83 1.31 -4.98	32.48 1.28 -1.43	29.95 1.18 0.00	27.56 0.85 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.98 -0.45 -0.12	25.15 -0.88 -0.04	24.40 -1.02 0.00	22.66 -1.07 0.00	21.58 -0.85 0.00	21.98 -0.82 0.00	20.22 -1.00 -0.33	17.90 -0.38 -0.82	20.88 -0.43 -0.77	25.88 0.03 -0.03	27.66 0.06 0.00	29.28 0.35 0.00	30.59 0.45 0.00	32.09 0.60 0.00	32.69 0.67 0.00	36.15 0.92 0.00	42.49 -0.17 0.00	43.86 0.35 0.00	42.90 -0.09 -0.16	34.76 0.45 0.00	31.05 0.18 -0.33	30.30 0.45 -0.09	28.94 0.17 0.00	27.19 0.48 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.99 1.90 -0.78	27.97 1.74 -0.24	26.84 1.42 0.00	25.06 1.33 0.00	23.69 1.26 0.00	24.03 1.23 0.00	24.41 1.40 -2.12	23.94 1.24 -5.23	27.00 1.54 -4.92	28.00 1.99 -0.19	29.65 2.04 0.00	30.99 2.05 0.00	32.52 2.38 0.00	33.95 2.46 0.00	34.58 2.56 0.00	37.98 2.75 0.00	46.24 3.58 0.00	47.26 3.74 0.00	47.32 3.51 -0.98	37.02 2.71 0.00	34.95 2.35 -2.06	32.56 2.20 -0.59	30.81 2.04 0.00	28.31 1.60 0.00
PEEKSKILL____ 23653	30.68 1.61 -0.76	27.71 1.48 -0.23	26.61 1.19 0.00	24.84 1.12 0.00	23.46 1.03 0.00	23.80 1.00 0.00	24.19 1.23 -2.06	23.72 1.17 -5.09	26.74 1.42 -4.79	27.79 1.78 -0.18	29.46 1.85 0.00	30.79 1.85 0.00	32.19 2.05 0.00	33.64 2.14 0.00	34.22 2.21 0.00	37.56 2.32 0.00	45.77 3.11 0.00	46.69 3.17 0.00	46.73 2.95 -0.95	36.54 2.23 0.00	34.52 1.98 -2.00	32.15 1.82 -0.58	30.64 1.87 0.00	28.12 1.41 0.00
PGE MADISON__WINDPWR 24146	30.96 2.35 -0.30	27.78 1.72 -0.07	26.84 1.42 0.00	25.03 1.30 0.00	23.33 0.90 0.00	23.74 0.94 0.00	22.34 0.88 -0.57	20.01 1.13 -1.41	23.14 1.27 -1.33	27.66 1.78 -0.05	29.54 1.93 0.00	31.10 2.17 0.00	32.55 2.41 0.00	34.49 2.99 0.00	34.86 2.85 0.00	38.69 3.45 0.00	46.84 4.18 0.00	47.72 4.18 -0.03	47.84 4.63 -0.38	38.18 3.88 0.00	34.69 3.36 -0.79	32.97 2.98 -0.23	31.76 2.99 0.00	29.08 2.38 0.00
PIERCEFIELD__HYD 23852	27.91 -0.40 0.00	25.55 -0.44 0.00	25.24 -0.18 0.00	23.56 -0.17 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	20.62 -0.27 0.00	16.99 -0.47 0.00	20.00 -0.53 0.00	25.26 -0.57 0.00	27.08 -0.52 0.00	28.41 -0.52 0.00	29.53 -0.60 0.00	30.80 -0.69 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.68 -0.98 0.00	42.48 -1.04 -0.01	42.06 -0.77 0.00	33.76 -0.55 0.00	30.14 -0.40 0.00	29.26 -0.51 0.00	28.28 -0.49 0.00	26.57 -0.13 0.00
PINELAWN_CC_1 323563	34.82 2.74 -3.77	33.22 2.47 -4.75	30.41 2.16 -2.84	26.75 1.97 -1.06	24.31 1.86 -0.02	24.66 1.85 -0.02	25.01 2.03 -2.09	28.24 1.83 -8.94	30.32 2.20 -7.59	34.32 2.79 -5.70	35.43 2.87 -4.95	36.70 2.89 -4.88	39.85 3.13 -6.58	43.49 2.99 -9.00	44.64 3.01 -9.61	49.95 3.24 -11.48	54.04 4.27 -7.12	56.05 4.18 -8.27	55.46 4.02 -8.60	42.09 3.22 -4.56	38.24 3.18 -4.53	37.90 3.00 -5.13	36.11 3.11 -4.23	33.21 2.54 -3.97
PJM_GEN_HTP_PROXY 323702	30.86 1.78 -0.77	27.80 1.61 -0.20	26.78 1.32 -0.04	24.94 1.21 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.92 2.43 0.00	34.45 2.43 0.00	37.80 2.57 0.00	46.16 3.50 0.00	47.08 3.57 0.00	47.05 3.25 -0.96	36.71 2.40 0.00	34.73 2.17 -2.02	32.34 1.99 -0.58	30.77 2.16 0.16	28.44 1.58 -0.16
PJM_GEN_KEystone 24065	29.14 0.37 -0.47	26.33 0.23 -0.10	25.38 -0.03 0.01	23.66 -0.07 0.00	22.41 -0.02 0.00	22.76 -0.05 0.00	22.32 0.17 -1.26	20.96 0.38 -3.11	23.93 0.47 -2.93	26.63 0.70 -0.11	28.30 0.69 0.00	29.71 0.78 0.00	31.04 0.90 0.00	32.50 1.01 0.00	33.04 1.02 0.00	36.39 1.16 0.00	43.68 1.02 0.00	44.73 1.22 0.00	42.30 0.94 1.47	35.20 0.89 0.00	32.53 0.76 -1.23	30.89 0.77 -0.35	29.36 0.75 0.16	27.48 0.61 -0.16
PJM_GEN_NEPTUNE_PROXY 323594	34.26 2.18 -3.77	32.71 2.00 -4.72	29.99 1.70 -2.87	26.37 1.59 -1.06	23.93 1.48 -0.02	24.28 1.46 -0.02	24.66 1.67 -2.09	27.96 1.55 -8.94	29.97 1.85 -7.59	33.85 2.33 -5.70	34.96 2.40 -4.95	36.21 2.40 -4.88	39.30 2.59 -6.57	43.20 2.71 -9.00	44.38 2.75 -9.61	49.63 2.92 -11.48	53.62 3.84 -7.12	55.74 3.96 -8.27	55.09 3.68 -8.58	41.23 2.81 -4.11	36.99 2.53 -3.92	37.09 2.38 -4.94	35.35 2.50 -4.08	32.80 1.98 -4.12
PJM_GEN_VFT_PROXY 323633	30.72 1.64 -0.77	27.67 1.48 -0.20	26.65 1.19 -0.04	24.82 1.09 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.24 1.25 -2.09	23.88 1.26 -5.16	26.91 1.52 -4.85	27.92 1.91 -0.19	29.60 1.99 0.00	30.93 1.99 0.00	32.31 2.17 0.00	33.73 2.24 0.00	34.26 2.24 0.00	37.59 2.36 0.00	45.90 3.24 0.00	46.82 3.31 0.00	46.79 3.00 -0.96	36.47 2.16 0.00	34.55 1.98 -2.02	32.19 1.85 -0.58	30.63 2.01 0.16	28.31 1.44 -0.16
PLATSBURG_115KV_PMLD1 355749	28.22 -0.08 0.00	25.86 -0.13 0.00	25.44 0.03 0.00	23.70 -0.02 0.00	22.48 0.04 0.00	22.87 0.07 0.00	20.81 -0.08 0.00	17.22 -0.24 0.00	20.35 -0.18 0.00	25.67 -0.15 0.00	27.55 -0.06 0.00	28.88 -0.06 0.00	30.02 -0.12 0.00	31.24 -0.25 0.00	31.79 -0.22 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.25 -0.26 0.00	42.62 -0.21 0.00	34.21 -0.10 0.00	30.51 -0.03 0.00	29.56 -0.21 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00
PLEASANTVLY__LBMP 24000	30.62 1.50 -0.81	27.64 1.40 -0.25	26.56 1.14 0.00	24.80 1.07 0.00	23.44 1.01 0.00	23.78 0.98 0.00	24.27 1.17 -2.21	23.99 1.08 -5.44	26.95 1.29 -5.12	27.65 1.63 -0.20	29.27 1.66 0.00	30.61 1.68 0.00	31.95 1.81 0.00	33.38 1.89 0.00	33.94 1.92 0.00	37.28 2.04 0.00	45.39 2.73 0.00	46.30 2.78 0.00	46.46 2.61 -1.02	36.26 1.96 0.00	34.42 1.74 -2.14	32.02 1.64 -0.62	30.44 1.67 0.00	27.96 1.26 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.78 1.70 -0.78	27.82 1.59 -0.24	26.71 1.30 0.00	24.94 1.21 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.32 1.32 -2.11	23.91 1.24 -5.21	26.93 1.50 -4.90	27.92 1.91 -0.19	29.57 1.96 0.00	30.93 2.00 0.00	32.28 2.14 0.00	33.76 2.27 0.00	34.35 2.34 0.00	37.70 2.47 0.00	45.99 3.33 0.00	46.91 3.39 0.00	46.97 3.17 -0.97	36.68 2.37 0.00	34.69 2.11 -2.04	32.32 1.96 -0.59	30.78 2.01 0.00	28.23 1.52 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.78 1.70 -0.78	27.82 1.59 -0.24	26.71 1.30 0.00	24.94 1.21 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.32 1.32 -2.11	23.91 1.24 -5.21	26.93 1.50 -4.90	27.92 1.91 -0.19	29.57 1.96 0.00	30.93 2.00 0.00	32.28 2.14 0.00	33.76 2.27 0.00	34.35 2.34 0.00	37.70 2.47 0.00	45.99 3.33 0.00	46.91 3.39 0.00	46.97 3.17 -0.97	36.68 2.37 0.00	34.69 2.11 -2.04	32.32 1.96 -0.59	30.78 2.01 0.00	28.23 1.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.81 1.70 -0.81	27.80 1.56 -0.24	26.71 1.30 0.00	24.94 1.21 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.32 1.27 -2.15	23.91 1.14 -5.31	26.91 1.38 -5.00	27.77 1.76 -0.19	29.38 1.77 0.00	30.70 1.76 0.00	32.07 1.93 0.00	33.54 2.05 0.00	34.13 2.11 0.00	37.49 2.25 0.00	45.73 3.07 0.00	46.65 3.13 0.00	46.80 2.96 -1.01	36.57 2.26 0.00	34.65 1.99 -2.12	32.22 1.85 -0.61	30.61 1.84 0.00	28.12 1.42 0.00
POLETTI____ 23519	30.83 1.76 -0.77	27.84 1.61 -0.23	26.71 1.30 0.00	24.91 1.19 0.00	23.53 1.10 0.00	23.87 1.07 0.00	24.32 1.34 -2.09	23.95 1.33 -5.16	26.97 1.58 -4.85	28.02 2.01 -0.19	29.71 2.10 0.00	31.07 2.14 0.00	32.46 2.32 0.00	33.89 2.39 0.00	34.45 2.43 0.00	37.77 2.54 0.00	46.16 3.50 0.00	47.04 3.52 0.00	47.05 3.26 -0.96	36.68 2.37 0.00	34.70 2.14 -2.02	32.31 1.96 -0.58	30.93 2.16 0.00	28.28 1.58 0.00
POMONA____ESR 323819	30.62 1.59 -0.73	27.67 1.46 -0.22	26.59 1.17 0.00	24.82 1.09 0.00	23.46 1.03 0.00	23.78 0.98 0.00	24.10 1.21 -1.99	23.54 1.15 -4.92	26.56 1.40 -4.63	27.78 1.78 -0.18	29.40 1.79 0.00	30.78 1.85 0.00	32.16 2.02 0.00	33.60 2.11 0.00	34.19 2.18 0.00	37.56 2.33 0.00	45.73 3.07 0.00	46.65 3.13 0.00	46.62 2.87 -0.92	36.50 2.20 0.00	34.39 1.92 -1.93	32.14 1.82 -0.56	30.61 1.84 0.00	28.10 1.39 0.00
PORT_JEFF_3 23555	35.11 3.03 -3.77	33.45 2.70 -4.75	30.67 2.42 -2.84	26.97 2.18 -1.06	24.49 2.04 -0.02	24.87 2.05 -0.02	25.18 2.19 -2.09	28.40 1.99 -8.94	30.52 2.40 -7.59	34.62 3.10 -5.70	35.76 3.20 -4.95	36.91 3.10 -4.88	40.21 3.49 -6.58	44.16 3.65 -9.01	45.35 3.71 -9.62	50.66 3.95 -11.49	54.72 4.95 -7.12	57.01 5.22 -8.27	56.60 4.92 -8.84	47.21 3.81 -9.09	44.72 3.48 -10.70	40.14 3.30 -7.08	36.46 3.45 -4.23	33.56 2.89 -3.97
PORT_JEFF_4 23616	35.11 3.03 -3.77	33.45 2.70 -4.75	30.67 2.42 -2.84	26.97 2.18 -1.06	24.49 2.04 -0.02	24.87 2.05 -0.02	25.18 2.19 -2.09	28.40 1.99 -8.94	30.52 2.40 -7.59	34.62 3.10 -5.70	35.76 3.20 -4.95	36.91 3.10 -4.88	40.21 3.49 -6.58	44.16 3.65 -9.01	45.35 3.71 -9.62	50.66 3.95 -11.49	54.72 4.95 -7.12	57.01 5.22 -8.27	56.60 4.92 -8.84	47.21 3.81 -9.09	44.72 3.48 -10.70	40.14 3.30 -7.08	36.46 3.45 -4.23	33.56 2.89 -3.97
PORT_JEFF_IC 23713	35.16 3.09 -3.77	33.50 2.75 -4.75	30.69 2.44 -2.84	27.01 2.23 -1.06	24.54 2.09 -0.02	24.91 2.10 -0.02	25.22 2.24 -2.09	28.43 2.03 -8.94	30.56 2.44 -7.59	34.68 3.15 -5.70	35.84 3.28 -4.95	36.99 3.18 -4.88	40.30 3.58 -6.58	44.29 3.78 -9.02	45.45 3.81 -9.62	50.81 4.09 -11.49	54.72 4.95 -7.12	56.96 5.18 -8.27	56.60 4.88 -8.88	47.91 3.77 -9.83	45.81 3.57 -11.70	40.52 3.36 -7.39	36.54 3.54 -4.23	33.61 2.94 -3.97
PPL PILGRIM_ST_GT1 24216	35.11 3.03 -3.77	33.48 2.73 -4.75	30.64 2.39 -2.84	26.99 2.21 -1.06	24.51 2.06 -0.02	24.87 2.05 -0.02	25.20 2.21 -2.09	28.42 2.01 -8.94	30.52 2.40 -7.59	34.60 3.07 -5.70	35.76 3.20 -4.95	36.96 3.15 -4.88	40.18 3.46 -6.58	44.12 3.62 -9.00	45.31 3.68 -9.61	50.69 3.98 -11.48	54.89 5.12 -7.12	57.09 5.31 -8.27	56.52 5.05 -8.64	43.42 3.88 -5.23	39.44 3.45 -5.45	38.46 3.27 -5.42	36.43 3.42 -4.23	33.51 2.83 -3.97
PPL PILGRIM_ST_GT2 24217	35.11 3.03 -3.77	33.48 2.73 -4.75	30.64 2.39 -2.84	26.99 2.21 -1.06	24.51 2.06 -0.02	24.87 2.05 -0.02	25.20 2.21 -2.09	28.42 2.01 -8.94	30.52 2.40 -7.59	34.60 3.07 -5.70	35.76 3.20 -4.95	36.96 3.15 -4.88	40.18 3.46 -6.58	44.12 3.62 -9.00	45.31 3.68 -9.61	50.69 3.98 -11.48	54.89 5.12 -7.12	57.09 5.31 -8.27	56.52 5.05 -8.64	43.42 3.88 -5.23	39.44 3.45 -5.45	38.46 3.27 -5.42	36.43 3.42 -4.23	33.51 2.83 -3.97
PPL_SHRM_GT3 24213	35.41 3.34 -3.77	33.74 2.99 -4.75	30.92 2.67 -2.84	27.18 2.40 -1.06	24.69 2.24 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.73 2.61 -7.59	34.91 3.38 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.51 3.80 -6.58	44.44 3.94 -9.01	45.54 3.90 -9.62	50.77 4.05 -11.49	55.07 5.29 -7.12	57.48 5.70 -8.27	57.08 5.40 -8.85	47.82 4.32 -9.18	45.15 3.79 -10.82	40.48 3.60 -7.12	36.77 3.77 -4.23	33.91 3.23 -3.97
PPL_SHRM_GT4 24214	35.41 3.34 -3.77	33.74 2.99 -4.75	30.92 2.67 -2.84	27.18 2.40 -1.06	24.69 2.24 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.73 2.61 -7.59	34.91 3.38 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.51 3.80 -6.58	44.44 3.94 -9.01	45.54 3.90 -9.62	50.77 4.05 -11.49	55.07 5.29 -7.12	57.48 5.70 -8.27	57.08 5.40 -8.85	47.82 4.32 -9.18	45.15 3.79 -10.82	40.48 3.60 -7.12	36.77 3.77 -4.23	33.91 3.23 -3.97
PROJECT___ORANGE 1 24174	28.11 -0.20 0.00	25.75 -0.26 -0.02	25.01 -0.41 0.00	23.32 -0.40 0.00	22.01 -0.43 0.00	22.39 -0.41 0.00	20.80 -0.27 -0.18	17.84 -0.07 -0.44	20.89 -0.06 -0.41	25.74 -0.10 -0.02	27.53 -0.08 0.00	28.88 -0.06 0.00	30.08 -0.06 0.00	31.56 0.06 0.00	32.08 0.06 0.00	35.37 0.14 0.00	42.70 0.04 0.00	43.56 0.00 -0.04	42.83 0.00 0.00	34.34 0.03 0.00	30.48 -0.06 0.00	29.70 -0.06 0.00	28.68 -0.09 0.00	26.57 -0.13 0.00
PROJECT___ORANGE 2 24166	28.11 -0.20 0.00	25.75 -0.26 -0.02	25.01 -0.41 0.00	23.32 -0.40 0.00	22.01 -0.43 0.00	22.39 -0.41 0.00	20.80 -0.27 -0.18	17.84 -0.07 -0.44	20.89 -0.06 -0.41	25.74 -0.10 -0.02	27.53 -0.08 0.00	28.88 -0.06 0.00	30.08 -0.06 0.00	31.56 0.06 0.00	32.08 0.06 0.00	35.37 0.14 0.00	42.70 0.04 0.00	43.56 0.00 -0.04	42.83 0.00 0.00	34.34 0.03 0.00	30.48 -0.06 0.00	29.70 -0.06 0.00	28.68 -0.09 0.00	26.57 -0.13 0.00
PUCKETT___SOLAR 323809	29.36 0.76 -0.29	26.61 0.55 -0.07	25.75 0.33 0.00	24.01 0.29 0.00	22.63 0.20 0.00	23.01 0.20 0.00	21.77 0.25 -0.62	19.42 0.42 -1.54	22.45 0.47 -1.45	26.53 0.65 -0.06	28.27 0.66 0.00	29.71 0.78 0.00	31.01 0.87 0.00	32.56 1.07 0.00	33.11 1.09 0.00	36.57 1.34 0.00	44.06 1.41 0.00	45.06 1.52 -0.03	44.82 1.63 -0.36	35.78 1.47 0.00	32.55 1.25 -0.76	31.14 1.16 -0.22	29.86 1.09 0.00	27.62 0.91 0.00
PYRITES___HYD 24023	28.50 0.20 0.00	26.05 0.05 0.00	25.72 0.30 0.00	24.01 0.28 0.00	22.70 0.27 0.00	23.12 0.32 0.00	20.91 0.02 0.00	17.26 -0.21 0.00	20.29 -0.25 0.00	25.62 -0.21 0.00	27.47 -0.14 0.00	28.82 -0.12 0.00	29.99 -0.15 0.00	31.27 -0.22 0.00	31.73 -0.29 0.00	34.99 -0.25 0.00	42.32 -0.34 0.00	43.18 -0.35 -0.01	42.79 -0.04 0.00	34.38 0.07 0.00	30.72 0.18 0.00	29.79 0.03 0.00	28.80 0.03 0.00	27.00 0.29 0.00

QUAKERRD_115KV_BK1 80622	27.51 -0.88 -0.08	25.14 -0.88 -0.03	24.22 -1.19 0.00	22.52 -1.21 0.00	21.29 -1.14 0.00	21.71 -1.09 0.00	20.37 -0.75 -0.23	17.64 -0.40 -0.57	20.64 -0.43 -0.54	25.25 -0.59 -0.02	27.06 -0.55 0.00	28.50 -0.43 0.00	29.75 -0.39 0.00	31.24 -0.25 0.00	31.79 -0.22 0.00	35.09 -0.14 0.00	41.85 -0.81 0.00	42.82 -0.70 0.00	42.03 -0.90 -0.10	33.79 -0.51 0.00	30.17 -0.58 -0.21	29.38 -0.45 -0.06	28.22 -0.55 0.00	26.33 -0.37 0.00
QUEENSBRY_115KV_TB8 356137	33.04 2.26 -2.47	28.40 2.00 -0.41	27.20 1.78 0.00	25.34 1.61 0.00	24.03 1.59 0.00	24.35 1.55 0.00	25.21 1.53 -2.79	25.64 1.29 -6.88	28.61 1.60 -6.48	28.16 2.09 -0.25	29.65 2.04 0.00	31.07 2.14 0.00	32.40 2.26 0.00	33.79 2.30 0.00	34.35 2.34 0.00	37.84 2.61 0.00	45.77 3.11 0.00	46.69 3.18 0.00	49.52 3.60 -3.09	37.16 2.85 0.00	39.95 2.90 -6.51	34.53 2.89 -1.87	31.24 2.47 0.00	28.63 1.92 0.00
RAMAPO___LBMP 323565	30.51 1.47 -0.73	27.57 1.35 -0.22	26.48 1.07 0.00	24.72 1.00 0.00	23.37 0.94 0.00	23.71 0.91 0.00	24.01 1.13 -1.98	23.44 1.08 -4.90	26.44 1.29 -4.61	27.65 1.65 -0.18	29.29 1.68 0.00	30.64 1.71 0.00	32.01 1.87 0.00	33.48 1.98 0.00	34.03 2.02 0.00	37.38 2.15 0.00	45.52 2.86 0.00	46.43 2.92 0.00	46.40 2.66 -0.91	36.33 2.02 0.00	34.23 1.77 -1.92	31.98 1.67 -0.55	30.50 1.73 0.00	27.99 1.28 0.00
RANKINE____ 23646	28.00 -0.42 -0.12	25.35 -0.68 -0.04	24.45 -0.97 0.00	22.66 -1.07 0.00	21.58 -0.85 0.00	21.98 -0.82 0.00	20.51 -0.71 -0.33	18.13 -0.14 -0.80	21.13 -0.16 -0.76	25.91 0.05 -0.03	27.66 0.06 0.00	29.25 0.32 0.00	30.56 0.42 0.00	32.03 0.54 0.00	32.62 0.61 0.00	36.08 0.85 0.00	42.36 -0.30 0.00	43.73 0.22 0.00	42.81 -0.17 -0.15	34.69 0.38 0.00	31.01 0.15 -0.32	30.27 0.42 -0.09	28.94 0.17 0.00	27.16 0.45 0.00
RAVENSWOOD_GT2_1 24244	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.49 2.35 0.00	33.92 2.43 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.09 3.30 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RAVENSWOOD_GT2_2 24245	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.07 2.14 0.00	32.49 2.35 0.00	33.92 2.43 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.09 3.30 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RAVENSWOOD_GT2_3 24246	30.91 1.84 -0.77	27.89 1.67 -0.23	26.79 1.37 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	27.01 1.62 -4.85	28.08 2.07 -0.19	29.76 2.15 0.00	31.10 2.17 0.00	32.49 2.35 0.00	33.95 2.46 0.00	34.51 2.50 0.00	37.88 2.64 0.00	46.20 3.54 0.00	47.17 3.66 0.00	47.14 3.34 -0.96	36.75 2.44 0.00	34.79 2.23 -2.02	32.40 2.05 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RAVENSWOOD_GT2_4 24247	30.91 1.84 -0.77	27.89 1.67 -0.23	26.79 1.37 0.00	24.98 1.26 0.00	23.58 1.14 0.00	23.92 1.12 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	27.01 1.62 -4.85	28.08 2.07 -0.19	29.76 2.15 0.00	31.10 2.17 0.00	32.49 2.35 0.00	33.95 2.46 0.00	34.51 2.50 0.00	37.88 2.64 0.00	46.20 3.54 0.00	47.17 3.66 0.00	47.14 3.34 -0.96	36.75 2.44 0.00	34.79 2.23 -2.02	32.40 2.05 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RAVENSWOOD_GT3_1 24248	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.76 2.15 0.00	31.07 2.14 0.00	32.49 2.35 0.00	33.92 2.43 0.00	34.48 2.47 0.00	37.88 2.64 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.14 3.34 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RAVENSWOOD_GT3_2 24249	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.76 2.15 0.00	31.07 2.14 0.00	32.49 2.35 0.00	33.92 2.43 0.00	34.48 2.47 0.00	37.88 2.64 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.14 3.34 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RAVENSWOOD_GT3_3 24250	30.92 1.84 -0.77	27.92 1.69 -0.23	26.79 1.37 0.00	25.01 1.28 0.00	23.60 1.17 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.79 2.18 0.00	31.16 2.23 0.00	32.55 2.41 0.00	33.98 2.49 0.00	34.55 2.53 0.00	37.91 2.68 0.00	46.28 3.63 0.00	47.21 3.70 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.79 2.23 -2.02	32.43 2.08 -0.58	30.99 2.22 0.00	28.36 1.66 0.00
RAVENSWOOD_GT3_4 24251	30.94 1.87 -0.77	27.92 1.69 -0.23	26.81 1.40 0.00	25.01 1.28 0.00	23.60 1.17 0.00	23.92 1.12 0.00	24.38 1.40 -2.09	23.98 1.36 -5.16	27.03 1.64 -4.85	28.10 2.09 -0.19	29.79 2.18 0.00	31.13 2.20 0.00	32.55 2.41 0.00	33.98 2.49 0.00	34.54 2.53 0.00	37.91 2.68 0.00	46.28 3.62 0.00	47.21 3.70 0.00	47.18 3.38 -0.96	36.78 2.47 0.00	34.82 2.26 -2.02	32.43 2.08 -0.58	30.99 2.22 0.00	28.36 1.66 0.00
RAVENSWOOD_GT_1 23729	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.64 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.35 3.83 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
RAVENSWOOD_GT_10 24258	30.89 1.81 -0.77	27.87 1.64 -0.24	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.10 2.17 0.00	32.49 2.35 0.00	33.92 2.42 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.13 3.61 0.00	47.09 3.30 -0.96	36.75 2.44 0.00	34.73 2.17 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.31 1.60 0.00
RAVENSWOOD_GT_11 24259	30.89 1.81 -0.77	27.87 1.64 -0.24	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.08 2.14 0.00	32.49 2.35 0.00	33.92 2.43 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.09 3.30 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.31 1.60 0.00

RAVENSWOOD_GT_4 24252	30.87 1.78 -0.78	27.85 1.61 -0.24	26.74 1.32 -0.01	24.94 1.21 -0.01	23.55 1.12 0.00	23.90 1.09 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.02 2.01 -0.19	29.71 2.10 -0.01	31.08 2.14 -0.01	32.46 2.32 -0.01	33.89 2.39 -0.01	34.46 2.43 -0.01	37.81 2.57 -0.01	46.16 3.50 -0.01	47.09 3.57 -0.01	47.10 3.30 -0.97	36.71 2.40 0.00	34.71 2.14 -2.03	32.34 1.99 -0.58	30.93 2.16 -0.01	28.32 1.60 -0.01
RAVENSWOOD_GT_5 24254	30.87 1.78 -0.78	27.85 1.61 -0.24	26.74 1.32 -0.01	24.94 1.21 -0.01	23.55 1.12 0.00	23.90 1.09 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.02 2.01 -0.19	29.71 2.10 -0.01	31.08 2.14 -0.01	32.46 2.32 -0.01	33.89 2.39 -0.01	34.46 2.43 -0.01	37.81 2.57 -0.01	46.16 3.50 -0.01	47.09 3.57 -0.01	47.10 3.30 -0.97	36.71 2.40 0.00	34.71 2.14 -2.03	32.34 1.99 -0.58	30.93 2.16 -0.01	28.32 1.60 -0.01
RAVENSWOOD_GT_6 24253	30.87 1.78 -0.78	27.85 1.61 -0.24	26.74 1.32 -0.01	24.94 1.21 -0.01	23.55 1.12 0.00	23.90 1.09 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.02 2.01 -0.19	29.71 2.10 -0.01	31.08 2.14 -0.01	32.46 2.32 -0.01	33.89 2.39 -0.01	34.46 2.43 -0.01	37.81 2.57 -0.01	46.16 3.50 -0.01	47.09 3.57 -0.01	47.10 3.30 -0.97	36.71 2.40 0.00	34.71 2.14 -2.03	32.34 1.99 -0.58	30.93 2.16 -0.01	28.32 1.60 -0.01
RAVENSWOOD_GT_7 24255	30.87 1.78 -0.78	27.85 1.61 -0.24	26.74 1.32 -0.01	24.94 1.21 -0.01	23.55 1.12 0.00	23.90 1.09 0.00	24.34 1.36 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.02 2.01 -0.19	29.71 2.10 -0.01	31.08 2.14 -0.01	32.46 2.32 -0.01	33.89 2.39 -0.01	34.46 2.43 -0.01	37.81 2.57 -0.01	46.16 3.50 -0.01	47.09 3.57 -0.01	47.10 3.30 -0.97	36.71 2.40 0.00	34.71 2.14 -2.03	32.34 1.99 -0.58	30.93 2.16 -0.01	28.32 1.60 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.89 1.81 -0.77	27.87 1.64 -0.24	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.10 2.17 0.00	32.49 2.35 0.00	33.92 2.42 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.13 3.61 0.00	47.09 3.30 -0.96	36.75 2.44 0.00	34.73 2.17 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.31 1.60 0.00
RAVENSWOOD_GT_9 24257	30.89 1.81 -0.77	27.87 1.64 -0.24	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.95 1.33 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.74 2.13 0.00	31.08 2.14 0.00	32.49 2.35 0.00	33.92 2.43 0.00	34.48 2.47 0.00	37.84 2.61 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.09 3.30 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.31 1.60 0.00
RAVENSWOOD___1 23533	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.64 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.35 3.83 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
RAVENSWOOD___2 23534	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.64 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.35 3.83 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
RAVENSWOOD___3 23535	30.91 1.84 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.58 1.14 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	26.99 1.60 -4.85	28.05 2.04 -0.19	29.76 2.15 0.00	31.07 2.14 0.00	32.49 2.35 0.00	33.92 2.43 0.00	34.48 2.47 0.00	37.88 2.64 0.00	46.20 3.54 0.00	47.12 3.61 0.00	47.14 3.34 -0.96	36.75 2.44 0.00	34.76 2.20 -2.02	32.37 2.02 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RAVENSWOOD___4 23820	31.04 1.95 -0.78	28.00 1.77 -0.24	26.90 1.47 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.23 2.29 -0.01	32.64 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.35 3.83 -0.01	47.31 3.51 -0.97	36.88 2.57 0.00	34.92 2.35 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
RCPL_TRUST___DRP 24196	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	27.01 1.62 -4.85	28.08 2.07 -0.19	29.79 2.18 0.00	31.13 2.20 0.00	32.52 2.38 0.00	33.95 2.46 0.00	34.51 2.50 0.00	37.87 2.64 0.00	46.24 3.58 0.00	47.17 3.66 0.00	47.13 3.34 -0.96	36.78 2.47 0.00	34.76 2.20 -2.02	32.40 2.05 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
RED___ROCHESTER 323720	28.39 0.00 -0.08	25.89 -0.13 -0.03	24.91 -0.51 0.00	23.14 -0.59 0.00	21.89 -0.54 0.00	22.32 -0.48 0.00	20.99 -0.15 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.08 0.23 -0.02	27.97 0.36 0.00	29.54 0.61 0.00	30.86 0.72 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.43 1.20 0.00	43.30 0.64 0.00	44.30 0.78 0.00	43.49 0.56 -0.10	35.00 0.69 0.00	31.37 0.61 -0.22	30.48 0.65 -0.06	29.20 0.43 0.00	27.30 0.59 0.00
REGAN___SOLAR 323812	34.32 3.71 -2.31	29.62 3.20 -0.43	28.29 2.87 0.00	26.36 2.63 0.00	24.99 2.56 0.00	25.31 2.51 0.00	26.47 2.40 -3.18	27.37 2.06 -7.84	30.34 2.42 -7.38	29.13 3.02 -0.28	30.78 3.17 0.00	32.35 3.41 0.00	33.69 3.55 0.00	35.46 3.97 0.00	36.18 4.16 0.00	39.88 4.65 0.00	48.50 5.84 0.00	49.91 6.40 0.00	52.27 6.55 -2.88	39.70 5.39 0.00	41.50 4.88 -6.07	36.46 4.94 -1.75	33.03 4.26 0.00	30.16 3.45 0.00
RENSSELAER___COGEN 23796	31.14 1.16 -1.67	27.43 1.09 -0.34	26.31 0.89 0.00	24.56 0.83 0.00	23.26 0.83 0.00	23.60 0.80 0.00	24.45 0.88 -2.68	24.82 0.75 -6.61	27.60 0.84 -6.22	27.15 1.08 -0.24	28.77 1.16 0.00	30.09 1.16 0.00	31.13 0.99 0.00	32.62 1.13 0.00	33.14 1.12 0.00	36.39 1.16 0.00	44.24 1.58 0.00	45.17 1.65 0.00	46.50 1.59 -2.09	35.54 1.23 0.00	36.03 1.10 -4.39	32.07 1.04 -1.26	29.78 1.01 0.00	27.40 0.69 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.16 4.39 -2.46	30.27 3.87 -0.40	28.95 3.53 0.00	26.88 3.16 0.00	25.55 3.12 0.00	25.84 3.03 0.00	26.56 2.88 -2.79	26.78 2.45 -6.87	30.04 3.04 -6.47	30.10 4.03 -0.25	31.81 4.20 0.00	33.36 4.43 0.00	34.66 4.52 0.00	36.31 4.82 0.00	36.91 4.90 0.00	40.76 5.53 0.00	49.10 6.44 0.00	50.26 6.74 0.00	53.11 7.20 -3.08	40.00 5.70 0.00	42.52 5.50 -6.48	37.14 5.51 -1.87	33.52 4.75 0.00	30.58 3.87 0.00

REVERE_CPPR_DRP 24186	29.41 1.10 0.00	26.78 0.78 -0.01	26.08 0.66 0.00	24.35 0.62 0.00	22.84 0.40 0.00	23.24 0.43 0.00	21.39 0.40 -0.10	18.22 0.51 -0.25	21.32 0.55 -0.23	26.58 0.75 -0.01	28.47 0.86 0.00	29.89 0.95 0.00	31.16 1.02 0.00	32.82 1.32 0.00	33.26 1.25 0.00	36.71 1.48 0.00	44.41 1.75 0.00	45.27 1.74 -0.02	44.72 1.88 0.00	35.89 1.58 0.00	31.88 1.34 0.00	30.95 1.19 0.00	29.98 1.21 0.00	27.62 0.91 0.00
REYNOLDS_115KV_TB3 80639	31.37 1.30 -1.77	27.57 1.22 -0.35	26.43 1.02 0.00	24.68 0.95 0.00	23.37 0.94 0.00	23.71 0.91 0.00	24.56 0.98 -2.68	24.90 0.82 -6.62	27.71 0.94 -6.23	27.28 1.21 -0.24	28.91 1.30 0.00	30.24 1.30 0.00	31.37 1.24 0.00	32.85 1.35 0.00	33.36 1.34 0.00	36.64 1.41 0.00	44.53 1.88 0.00	45.43 1.91 0.00	46.92 1.88 -2.21	35.78 1.48 0.00	36.50 1.31 -4.65	32.38 1.28 -1.34	29.98 1.21 0.00	27.59 0.88 0.00
RIVERBAY____ 323610	31.35 2.26 -0.78	28.32 2.08 -0.24	27.20 1.78 -0.01	25.40 1.66 -0.01	23.94 1.50 0.00	24.17 1.37 0.00	24.61 1.63 -2.09	24.26 1.64 -5.16	27.28 1.89 -4.85	28.44 2.43 -0.19	30.19 2.57 -0.01	31.57 2.63 -0.01	33.01 2.86 -0.01	34.49 2.99 -0.01	35.07 3.04 -0.01	38.52 3.28 -0.01	46.93 4.27 -0.01	47.87 4.35 -0.01	47.91 4.11 -0.97	37.33 3.02 0.00	35.35 2.78 -2.03	32.94 2.59 -0.58	31.48 2.70 -0.01	28.88 2.16 -0.01
RIVERSDE_115KV_TB3 55908	31.37 1.27 -1.79	27.54 1.20 -0.35	26.41 0.99 0.00	24.65 0.93 0.00	23.35 0.92 0.00	23.69 0.89 0.00	24.55 0.96 -2.69	24.91 0.80 -6.64	27.71 0.92 -6.25	27.25 1.19 -0.24	28.91 1.30 0.00	30.24 1.30 0.00	31.31 1.18 0.00	32.82 1.32 0.00	33.33 1.31 0.00	36.61 1.37 0.00	44.45 1.79 0.00	45.34 1.83 0.00	46.91 1.84 -2.24	35.72 1.41 0.00	36.50 1.25 -4.71	32.34 1.22 -1.36	29.92 1.15 0.00	27.54 0.83 0.00
ROARING__BROOK_WT_PWR 323790	27.63 -0.68 0.00	25.34 -0.65 0.00	24.81 -0.61 0.00	23.18 -0.54 0.00	21.96 -0.47 0.00	22.35 -0.46 0.00	20.45 -0.44 0.00	17.10 -0.37 0.00	20.16 -0.37 0.00	25.44 -0.39 0.00	27.22 -0.39 0.00	28.59 -0.35 0.00	29.78 -0.36 0.00	31.08 -0.41 0.00	31.60 -0.42 0.00	34.77 -0.46 0.00	42.10 -0.56 0.00	42.95 -0.57 0.00	42.36 -0.47 0.00	33.90 -0.41 0.00	30.08 -0.46 0.00	29.26 -0.51 0.00	28.25 -0.52 0.00	26.25 -0.45 0.00
ROCHESRG_115KV_T4 355643	28.05 -0.34 -0.08	25.63 -0.39 -0.03	24.65 -0.76 0.00	22.92 -0.81 0.00	21.69 -0.74 0.00	22.12 -0.68 0.00	20.78 -0.36 -0.24	18.02 -0.03 -0.59	21.07 -0.02 -0.55	25.77 -0.08 -0.02	27.55 -0.06 0.00	29.08 0.14 0.00	30.35 0.21 0.00	31.84 0.35 0.00	32.43 0.42 0.00	35.80 0.56 0.00	42.53 -0.13 0.00	43.60 0.09 0.00	42.81 -0.13 -0.10	34.48 0.17 0.00	30.79 0.03 -0.22	30.01 0.18 -0.06	28.80 0.03 0.00	26.92 0.21 0.00
ROCHESTER_9_IC 23652	28.25 -0.14 -0.08	25.79 -0.23 -0.03	24.78 -0.64 0.00	23.04 -0.69 0.00	21.80 -0.63 0.00	22.23 -0.57 0.00	20.90 -0.23 -0.24	18.13 0.07 -0.59	21.19 0.10 -0.56	25.95 0.10 -0.02	27.78 0.17 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.12 0.63 0.00	32.75 0.74 0.00	36.15 0.92 0.00	42.96 0.30 0.00	43.99 0.48 0.00	43.15 0.21 -0.10	34.76 0.45 0.00	31.03 0.27 -0.22	30.27 0.45 -0.06	29.03 0.26 0.00	27.14 0.43 0.00
ROCKVIEW_13_KV_LD 356306	30.92 1.84 -0.77	27.92 1.69 -0.23	26.81 1.40 0.00	25.01 1.28 0.00	23.62 1.19 0.00	23.99 1.19 0.00	24.38 1.40 -2.09	23.97 1.34 -5.16	27.01 1.62 -4.85	28.08 2.07 -0.19	29.76 2.15 0.00	31.13 2.20 0.00	32.49 2.35 0.00	33.98 2.49 0.00	34.58 2.56 0.00	37.94 2.71 0.00	46.24 3.58 0.00	47.21 3.70 0.00	47.22 3.43 -0.96	36.88 2.57 0.00	34.85 2.29 -2.02	32.49 2.14 -0.58	30.96 2.19 0.00	28.39 1.68 0.00
ROME____115KV_TB2 80656	29.41 1.10 0.00	26.78 0.78 -0.01	26.08 0.66 0.00	24.35 0.62 0.00	22.84 0.40 0.00	23.24 0.43 0.00	21.39 0.40 -0.10	18.22 0.51 -0.25	21.32 0.55 -0.23	26.58 0.75 -0.01	28.47 0.86 0.00	29.89 0.95 0.00	31.16 1.02 0.00	32.82 1.32 0.00	33.26 1.25 0.00	36.71 1.48 0.00	44.41 1.75 0.00	45.27 1.74 -0.02	44.72 1.88 0.00	35.89 1.58 0.00	31.88 1.34 0.00	30.95 1.19 0.00	29.98 1.21 0.00	27.62 0.91 0.00
ROSETON__1 23587	30.51 1.44 -0.76	27.58 1.35 -0.23	26.51 1.09 0.00	24.75 1.02 0.00	23.40 0.96 0.00	23.74 0.94 0.00	24.11 1.13 -2.09	23.67 1.05 -5.15	26.64 1.25 -4.85	27.59 1.58 -0.19	29.21 1.60 0.00	30.55 1.62 0.00	31.88 1.75 0.00	33.35 1.86 0.00	33.90 1.89 0.00	37.24 2.01 0.00	45.35 2.69 0.00	46.26 2.74 0.00	46.36 2.57 -0.96	36.23 1.92 0.00	34.26 1.71 -2.01	31.95 1.61 -0.58	30.41 1.64 0.00	27.94 1.23 0.00
ROSETON__2 23588	30.51 1.44 -0.76	27.58 1.35 -0.23	26.51 1.09 0.00	24.75 1.02 0.00	23.40 0.96 0.00	23.74 0.94 0.00	24.11 1.13 -2.09	23.67 1.05 -5.15	26.64 1.25 -4.85	27.59 1.58 -0.19	29.21 1.60 0.00	30.55 1.62 0.00	31.88 1.75 0.00	33.35 1.86 0.00	33.90 1.89 0.00	37.24 2.01 0.00	45.35 2.69 0.00	46.26 2.74 0.00	46.36 2.57 -0.96	36.23 1.92 0.00	34.26 1.71 -2.01	31.95 1.61 -0.58	30.41 1.64 0.00	27.94 1.23 0.00
ROTTTRDAM_115KV_TB3 80664	32.30 1.39 -2.61	27.68 1.27 -0.42	26.51 1.09 0.00	24.72 1.00 0.00	23.40 0.96 0.00	23.76 0.96 0.00	24.70 0.98 -2.82	25.29 0.86 -6.97	28.12 1.03 -6.56	27.39 1.32 -0.25	28.96 1.35 0.00	30.32 1.39 0.00	31.58 1.45 0.00	33.07 1.57 0.00	33.58 1.57 0.00	36.92 1.69 0.00	44.83 2.18 0.00	45.73 2.22 0.00	48.32 2.23 -3.26	36.06 1.75 0.00	38.99 1.59 -6.87	33.32 1.58 -1.98	30.24 1.47 0.00	27.86 1.15 0.00
RUSSELL__1 23602	28.42 0.03 -0.08	25.92 -0.10 -0.03	24.91 -0.51 0.00	23.13 -0.59 0.00	21.89 -0.54 0.00	22.32 -0.48 0.00	20.99 -0.15 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.08 0.23 -0.02	27.97 0.36 0.00	29.51 0.58 0.00	30.83 0.69 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.43 1.20 0.00	43.30 0.64 0.00	44.34 0.83 0.00	43.49 0.56 -0.10	35.00 0.69 0.00	31.22 0.46 -0.22	30.48 0.65 -0.06	29.20 0.43 0.00	27.30 0.59 0.00
RUSSELL__2 23532	28.42 0.03 -0.08	25.92 -0.10 -0.03	24.91 -0.51 0.00	23.13 -0.59 0.00	21.89 -0.54 0.00	22.32 -0.48 0.00	20.99 -0.15 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.08 0.23 -0.02	27.97 0.36 0.00	29.51 0.58 0.00	30.83 0.69 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.43 1.20 0.00	43.30 0.64 0.00	44.34 0.83 0.00	43.49 0.56 -0.10	35.00 0.69 0.00	31.22 0.46 -0.22	30.48 0.65 -0.06	29.20 0.43 0.00	27.30 0.59 0.00
RUSSELL__3 23549	28.42 0.03 -0.08	25.92 -0.10 -0.03	24.91 -0.51 0.00	23.13 -0.59 0.00	21.89 -0.54 0.00	22.32 -0.48 0.00	20.99 -0.15 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.08 0.23 -0.02	27.97 0.36 0.00	29.51 0.58 0.00	30.83 0.69 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.43 1.20 0.00	43.30 0.64 0.00	44.34 0.83 0.00	43.49 0.56 -0.10	35.00 0.69 0.00	31.22 0.46 -0.22	30.48 0.65 -0.06	29.20 0.43 0.00	27.30 0.59 0.00

RUSSELL___4 23556	28.42 0.03 -0.08	25.92 -0.10 -0.03	24.91 -0.51 0.00	23.13 -0.59 0.00	21.89 -0.54 0.00	22.32 -0.48 0.00	20.99 -0.15 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.08 0.23 -0.02	27.97 0.36 0.00	29.51 0.58 0.00	30.83 0.69 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.43 1.20 0.00	43.30 0.64 0.00	44.34 0.83 0.00	43.49 0.56 -0.10	35.00 0.69 0.00	31.22 0.46 -0.22	30.48 0.65 -0.06	29.20 0.43 0.00	27.30 0.59 0.00
RUSSELL___STATION 23914	28.42 0.03 -0.08	25.92 -0.10 -0.03	24.91 -0.51 0.00	23.13 -0.59 0.00	21.89 -0.54 0.00	22.32 -0.48 0.00	20.99 -0.15 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.08 0.23 -0.02	27.97 0.36 0.00	29.51 0.58 0.00	30.83 0.69 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.43 1.20 0.00	43.30 0.64 0.00	44.34 0.83 0.00	43.49 0.56 -0.10	35.00 0.69 0.00	31.22 0.46 -0.22	30.48 0.65 -0.06	29.20 0.43 0.00	27.30 0.59 0.00
S SALMON___HYD 24043	28.11 -0.20 0.00	25.70 -0.31 -0.01	24.98 -0.43 0.00	23.30 -0.43 0.00	21.94 -0.49 0.00	22.32 -0.48 0.00	20.66 -0.38 -0.14	17.66 -0.16 -0.35	20.64 -0.23 -0.33	25.55 -0.28 -0.01	27.36 -0.25 0.00	28.70 -0.23 0.00	29.84 -0.30 0.00	31.34 -0.16 0.00	31.83 -0.19 0.00	35.06 -0.18 0.00	42.32 -0.34 0.00	43.22 -0.39 -0.10	42.66 -0.17 0.00	34.31 0.00 0.00	30.51 -0.03 0.00	29.73 -0.03 0.00	28.74 -0.03 0.00	26.58 -0.13 0.00
S.PERRY___115KV_TB1 80734	29.22 0.79 -0.13	26.55 0.52 -0.04	25.49 0.08 0.00	23.68 -0.05 0.00	22.39 -0.04 0.00	22.85 0.05 0.00	21.46 0.23 -0.34	18.77 0.47 -0.83	21.77 0.45 -0.78	26.11 0.26 -0.03	27.64 0.03 0.00	29.11 0.17 0.00	30.38 0.24 0.00	31.74 0.25 0.00	32.34 0.32 0.00	35.73 0.49 0.00	42.66 0.00 0.00	44.21 0.70 0.00	44.10 1.11 -0.16	36.09 1.78 0.00	32.49 1.62 -0.33	31.65 1.79 -0.10	30.27 1.50 0.00	28.26 1.55 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.80 -0.62 -0.11	25.22 -0.81 -0.03	24.27 -1.14 0.00	22.52 -1.21 0.00	21.40 -1.03 0.00	21.82 -0.98 0.00	20.45 -0.75 -0.31	18.01 -0.23 -0.77	20.99 -0.27 -0.72	25.62 -0.23 -0.03	27.36 -0.25 0.00	28.93 0.00 0.00	30.23 0.09 0.00	31.65 0.16 0.00	32.24 0.22 0.00	35.65 0.42 0.00	41.80 -0.85 0.00	43.17 -0.35 0.00	42.25 -0.73 -0.14	34.27 -0.03 0.00	30.63 -0.21 -0.30	29.91 0.06 -0.09	28.63 -0.14 0.00	26.90 0.19 0.00
SAWYER___23_KV_LOAD 55526	27.80 -0.62 -0.11	25.22 -0.81 -0.03	24.27 -1.14 0.00	22.52 -1.21 0.00	21.40 -1.03 0.00	21.82 -0.98 0.00	20.45 -0.75 -0.31	18.01 -0.23 -0.77	20.99 -0.27 -0.72	25.62 -0.23 -0.03	27.36 -0.25 0.00	28.93 0.00 0.00	30.23 0.09 0.00	31.65 0.16 0.00	32.24 0.22 0.00	35.65 0.42 0.00	41.80 -0.85 0.00	43.17 -0.35 0.00	42.25 -0.73 -0.14	34.27 -0.03 0.00	30.63 -0.21 -0.30	29.91 0.06 -0.09	28.63 -0.14 0.00	26.90 0.19 0.00
SELKIRK___I 23801	31.11 1.39 -1.42	27.62 1.30 -0.32	26.53 1.12 0.00	24.77 1.04 0.00	23.46 1.03 0.00	23.80 1.00 0.00	24.55 1.02 -2.63	24.83 0.87 -6.49	27.65 1.01 -6.11	27.35 1.29 -0.23	28.96 1.35 0.00	30.29 1.36 0.00	31.43 1.29 0.00	32.94 1.45 0.00	33.46 1.44 0.00	36.78 1.55 0.00	44.66 2.01 0.00	45.60 2.09 0.00	46.66 2.06 -1.77	35.92 1.61 0.00	35.74 1.47 -3.74	32.27 1.43 -1.08	30.12 1.35 0.00	27.75 1.04 0.00
SELKIRK___II 23799	30.92 1.13 -1.48	27.42 1.09 -0.33	26.33 0.91 0.00	24.56 0.83 0.00	23.26 0.83 0.00	23.60 0.80 0.00	24.41 0.86 -2.67	24.79 0.75 -6.57	27.59 0.86 -6.19	27.17 1.11 -0.24	28.77 1.16 0.00	30.09 1.16 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.20 1.19 0.00	36.46 1.23 0.00	44.37 1.71 0.00	45.26 1.74 0.00	46.35 1.67 -1.85	35.61 1.30 0.00	35.60 1.16 -3.90	31.99 1.10 -1.12	29.86 1.09 0.00	27.48 0.78 0.00
SENECA OSWGO___HYD 24041	27.80 -0.51 0.00	25.49 -0.52 -0.01	24.76 -0.66 0.00	23.09 -0.64 0.00	21.80 -0.63 0.00	22.19 -0.61 0.00	20.57 -0.48 -0.16	17.61 -0.24 -0.39	20.61 -0.29 -0.37	25.45 -0.39 -0.01	27.22 -0.39 0.00	28.56 -0.38 0.00	29.74 -0.39 0.00	31.18 -0.31 0.00	31.73 -0.29 0.00	34.95 -0.28 0.00	42.23 -0.43 0.00	43.18 -0.48 -0.14	42.36 -0.47 0.00	34.00 -0.31 0.00	30.23 -0.31 0.00	29.44 -0.33 0.00	28.43 -0.34 0.00	26.33 -0.37 0.00
SENECA___115KV_TB3 355854	28.06 -0.37 -0.12	25.38 -0.65 -0.04	24.48 -0.94 0.00	22.71 -1.02 0.00	21.62 -0.81 0.00	22.03 -0.78 0.00	20.55 -0.67 -0.33	18.15 -0.12 -0.80	21.17 -0.12 -0.76	25.96 0.10 -0.03	27.72 0.11 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.09 0.60 0.00	32.69 0.67 0.00	36.15 0.92 0.00	42.44 -0.21 0.00	43.82 0.30 0.00	42.90 -0.09 -0.15	34.76 0.45 0.00	31.07 0.21 -0.32	30.33 0.48 -0.09	29.00 0.23 0.00	27.22 0.51 0.00
SENECA___ENERGY 23797	28.28 -0.11 -0.09	25.76 -0.26 -0.03	24.93 -0.48 0.00	23.23 -0.50 0.00	21.94 -0.49 0.00	22.35 -0.46 0.00	20.85 -0.29 -0.25	18.07 -0.02 -0.62	21.12 0.00 -0.59	25.87 0.03 -0.02	27.66 0.06 0.00	29.11 0.17 0.00	30.35 0.21 0.00	31.84 0.35 0.00	32.40 0.39 0.00	35.66 0.42 0.00	42.87 0.21 0.00	43.92 0.35 -0.06	43.33 0.38 -0.11	34.79 0.48 0.00	31.20 0.43 -0.24	30.19 0.36 -0.07	29.03 0.26 0.00	26.95 0.24 0.00
SHOEMAKER___GT 23640	30.26 1.27 -0.68	27.34 1.14 -0.21	26.33 0.91 0.00	24.58 0.85 0.00	23.22 0.78 0.00	23.58 0.78 0.00	23.69 0.94 -1.85	22.91 0.87 -4.57	25.86 1.03 -4.30	27.31 1.32 -0.16	28.93 1.33 0.00	30.26 1.33 0.00	31.58 1.45 0.00	33.04 1.54 0.00	33.62 1.60 0.00	36.96 1.73 0.00	44.96 2.30 0.00	45.90 2.39 0.00	45.91 2.23 -0.85	36.02 1.71 0.00	33.86 1.53 -1.79	31.68 1.40 -0.52	30.18 1.41 0.00	27.75 1.04 0.00
SHOEMAKR_138KV_BK 111 55601	30.23 1.25 -0.68	27.34 1.14 -0.21	26.33 0.91 0.00	24.58 0.85 0.00	23.22 0.79 0.00	23.55 0.75 0.00	23.67 0.94 -1.84	22.87 0.87 -4.53	25.83 1.03 -4.26	27.31 1.32 -0.16	28.96 1.35 0.00	30.29 1.36 0.00	31.61 1.48 0.00	33.07 1.57 0.00	33.65 1.63 0.00	36.96 1.73 0.00	44.96 2.30 0.00	45.91 2.39 0.00	45.90 2.23 -0.84	36.02 1.72 0.00	33.81 1.50 -1.78	31.68 1.40 -0.51	30.18 1.41 0.00	27.78 1.07 0.00
SHOREHAM_IC_1 23715	35.41 3.34 -3.77	33.74 2.99 -4.75	30.92 2.67 -2.84	27.18 2.40 -1.06	24.69 2.24 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.73 2.61 -7.59	34.91 3.38 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.51 3.80 -6.58	44.44 3.94 -9.01	45.54 3.90 -9.62	50.77 4.05 -11.49	55.07 5.29 -7.12	57.48 5.70 -8.27	57.08 5.40 -8.85	47.82 4.32 -9.18	45.15 3.79 -10.82	40.48 3.60 -7.12	36.77 3.77 -4.23	33.91 3.23 -3.97
SHOREHAM_IC_2 23716	35.41 3.34 -3.77	33.74 2.99 -4.75	30.92 2.67 -2.84	27.18 2.40 -1.06	24.69 2.24 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.73 2.61 -7.59	34.91 3.38 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.51 3.80 -6.58	44.44 3.94 -9.01	45.54 3.90 -9.62	50.77 4.05 -11.49	55.07 5.29 -7.12	57.48 5.70 -8.27	57.08 5.40 -8.85	47.82 4.32 -9.18	45.15 3.79 -10.82	40.48 3.60 -7.12	36.77 3.77 -4.23	33.91 3.23 -3.97

SISSONVILLE____ 23735	27.91 -0.40 0.00	25.55 -0.44 0.00	25.24 -0.18 0.00	23.56 -0.17 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	20.62 -0.27 0.00	16.99 -0.47 0.00	20.00 -0.53 0.00	25.26 -0.57 0.00	27.08 -0.52 0.00	28.41 -0.52 0.00	29.53 -0.60 0.00	30.80 -0.69 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.68 -0.98 0.00	42.48 -1.04 -0.01	42.06 -0.77 0.00	33.76 -0.55 0.00	30.14 -0.40 0.00	29.26 -0.51 0.00	28.28 -0.49 0.00	26.57 -0.13 0.00
SITHE_IND_GS1 24169	27.46 -0.85 0.00	25.17 -0.83 -0.01	24.50 -0.91 0.00	22.85 -0.88 0.00	21.60 -0.83 0.00	21.98 -0.82 0.00	20.35 -0.67 -0.13	17.34 -0.44 -0.31	20.29 -0.53 -0.29	25.11 -0.72 -0.01	26.87 -0.74 0.00	28.18 -0.75 0.00	29.35 -0.78 0.00	30.74 -0.76 0.00	31.28 -0.74 0.00	34.42 -0.81 0.00	41.55 -1.11 0.00	41.98 -1.13 0.40	41.72 -1.11 0.00	33.49 -0.82 0.00	29.78 -0.76 0.00	28.99 -0.77 0.00	28.02 -0.75 0.00	25.99 -0.72 0.00
SITHE_IND_GS2 24170	27.46 -0.85 0.00	25.17 -0.83 -0.01	24.50 -0.91 0.00	22.85 -0.88 0.00	21.60 -0.83 0.00	21.98 -0.82 0.00	20.35 -0.67 -0.13	17.34 -0.44 -0.31	20.29 -0.53 -0.29	25.11 -0.72 -0.01	26.87 -0.74 0.00	28.18 -0.75 0.00	29.35 -0.78 0.00	30.74 -0.76 0.00	31.28 -0.74 0.00	34.42 -0.81 0.00	41.55 -1.11 0.00	41.98 -1.13 0.40	41.72 -1.11 0.00	33.49 -0.82 0.00	29.78 -0.76 0.00	28.99 -0.77 0.00	28.02 -0.75 0.00	25.99 -0.72 0.00
SITHE_IND_GS3 24171	27.46 -0.85 0.00	25.17 -0.83 -0.01	24.50 -0.91 0.00	22.85 -0.88 0.00	21.60 -0.83 0.00	21.98 -0.82 0.00	20.35 -0.67 -0.13	17.34 -0.44 -0.31	20.29 -0.53 -0.29	25.11 -0.72 -0.01	26.87 -0.74 0.00	28.18 -0.75 0.00	29.35 -0.78 0.00	30.74 -0.76 0.00	31.28 -0.74 0.00	34.42 -0.81 0.00	41.55 -1.11 0.00	41.98 -1.13 0.40	41.72 -1.11 0.00	33.49 -0.82 0.00	29.78 -0.76 0.00	28.99 -0.77 0.00	28.02 -0.75 0.00	25.99 -0.72 0.00
SITHE_IND_GS4 24172	27.46 -0.85 0.00	25.17 -0.83 -0.01	24.50 -0.91 0.00	22.85 -0.88 0.00	21.60 -0.83 0.00	21.98 -0.82 0.00	20.35 -0.67 -0.13	17.34 -0.44 -0.31	20.29 -0.53 -0.29	25.11 -0.72 -0.01	26.87 -0.74 0.00	28.18 -0.75 0.00	29.35 -0.78 0.00	30.74 -0.76 0.00	31.28 -0.74 0.00	34.42 -0.81 0.00	41.55 -1.11 0.00	41.98 -1.13 0.40	41.72 -1.11 0.00	33.49 -0.82 0.00	29.78 -0.76 0.00	28.99 -0.77 0.00	28.02 -0.75 0.00	25.99 -0.72 0.00
SITHE____BATAVIA 24024	28.46 0.06 -0.10	25.87 -0.16 -0.03	24.81 -0.61 0.00	23.02 -0.71 0.00	21.89 -0.54 0.00	22.28 -0.52 0.00	20.94 -0.23 -0.28	18.31 0.16 -0.68	21.36 0.18 -0.64	26.11 0.26 -0.02	27.94 0.33 0.00	29.57 0.64 0.00	30.89 0.75 0.00	32.37 0.88 0.00	33.01 0.99 0.00	36.46 1.23 0.00	43.00 0.34 0.00	44.25 0.74 0.00	43.51 0.56 -0.12	35.20 0.89 0.00	31.63 0.82 -0.26	30.73 0.89 -0.08	29.38 0.61 0.00	27.56 0.85 0.00
SITHE____INDEPEND 23800	27.46 -0.85 0.00	25.17 -0.83 -0.01	24.50 -0.91 0.00	22.85 -0.88 0.00	21.60 -0.83 0.00	21.98 -0.82 0.00	20.35 -0.67 -0.13	17.34 -0.44 -0.31	20.29 -0.53 -0.29	25.11 -0.72 -0.01	26.86 -0.75 0.00	28.18 -0.75 0.00	29.35 -0.78 0.00	30.74 -0.76 0.00	31.28 -0.74 0.00	34.42 -0.81 0.00	41.59 -1.07 0.00	41.98 -1.13 0.40	41.72 -1.11 0.00	33.49 -0.82 0.00	29.74 -0.79 0.00	28.99 -0.77 0.00	28.02 -0.75 0.00	25.99 -0.72 0.00
SITHE____MASSENA 23902	28.17 -0.14 0.00	25.86 -0.13 0.00	25.52 0.10 0.00	23.82 0.10 0.00	22.55 0.11 0.00	22.94 0.14 0.00	20.83 -0.06 0.00	17.13 -0.33 0.00	20.16 -0.37 0.00	25.39 -0.44 0.00	27.20 -0.41 0.00	28.50 -0.43 0.00	29.65 -0.48 0.00	30.89 -0.60 0.00	31.41 -0.61 0.00	34.60 -0.63 0.00	41.85 -0.81 0.00	42.69 -0.83 0.00	42.14 -0.69 0.00	33.76 -0.55 0.00	30.11 -0.43 0.00	29.32 -0.45 0.00	28.34 -0.43 0.00	26.66 -0.05 0.00
SITHE____OGDNSBRG 24021	28.48 0.17 0.00	26.07 0.08 0.00	25.75 0.33 0.00	24.04 0.31 0.00	22.72 0.29 0.00	23.12 0.32 0.00	20.91 0.02 0.00	17.24 -0.23 0.00	20.27 -0.27 0.00	25.57 -0.26 0.00	27.39 -0.22 0.00	28.73 -0.20 0.00	29.87 -0.27 0.00	31.18 -0.31 0.00	31.63 -0.38 0.00	34.88 -0.35 0.00	42.19 -0.47 0.00	43.03 -0.48 0.00	42.66 -0.17 0.00	34.27 -0.03 0.00	30.60 0.06 0.00	29.70 -0.06 0.00	28.71 -0.06 0.00	26.95 0.24 0.00
SITHE____STERLING 23777	29.13 0.82 0.00	26.60 0.60 -0.01	25.87 0.46 0.00	24.16 0.43 0.00	22.70 0.27 0.00	23.10 0.30 0.00	21.30 0.29 -0.12	18.15 0.40 -0.29	21.25 0.45 -0.27	26.45 0.62 -0.01	28.30 0.69 0.00	29.71 0.78 0.00	30.98 0.84 0.00	32.56 1.07 0.00	33.04 1.02 0.00	36.46 1.23 0.00	44.11 1.45 0.00	44.93 1.39 -0.02	44.33 1.50 0.00	35.58 1.27 0.00	31.64 1.10 0.00	30.72 0.95 0.00	29.72 0.95 0.00	27.43 0.72 0.00
SLEIGHT__34_KV_TB1 80719	29.07 0.68 -0.08	26.49 0.47 -0.03	25.57 0.15 0.00	23.82 0.09 0.00	22.48 0.04 0.00	22.92 0.11 0.00	21.38 0.25 -0.24	18.50 0.45 -0.58	21.70 0.62 -0.55	26.65 0.80 -0.02	28.58 0.97 0.00	30.06 1.13 0.00	31.40 1.27 0.00	33.00 1.51 0.00	33.58 1.57 0.00	37.06 1.83 0.00	44.66 2.00 0.00	45.61 2.05 -0.05	44.86 1.93 -0.10	35.92 1.61 0.00	32.04 1.28 -0.22	31.02 1.19 -0.06	29.83 1.06 0.00	27.67 0.96 0.00
SOUTH CAIRO____GT 23612	31.83 2.18 -1.34	28.33 2.03 -0.31	27.17 1.75 0.00	25.34 1.61 0.00	24.00 1.57 0.00	24.31 1.50 0.00	24.87 1.46 -2.51	24.80 1.13 -6.20	27.74 1.38 -5.83	27.93 1.88 -0.22	29.54 1.93 0.00	30.87 1.94 0.00	32.04 1.90 0.00	33.60 2.11 0.00	34.16 2.15 0.00	37.63 2.40 0.00	45.64 2.99 0.00	46.86 3.35 0.00	47.80 3.30 -1.67	37.09 2.78 0.00	36.47 2.41 -3.52	33.10 2.32 -1.01	30.78 2.01 0.00	28.31 1.60 0.00
SOUTH HAMPTN____IC 23720	35.93 3.85 -3.77	34.18 3.43 -4.75	31.35 3.10 -2.84	27.58 2.80 -1.06	25.07 2.62 -0.02	25.46 2.64 -0.02	25.70 2.71 -2.09	28.89 2.48 -8.94	31.14 3.02 -7.59	35.48 3.95 -5.70	36.67 4.11 -4.95	37.77 3.96 -4.88	41.29 4.58 -6.58	45.29 4.79 -9.01	46.44 4.80 -9.62	51.83 5.11 -11.49	56.30 6.53 -7.12	58.75 6.96 -8.27	58.31 6.64 -8.84	48.54 5.25 -8.98	45.60 4.52 -10.55	41.14 4.35 -7.03	37.41 4.40 -4.23	34.47 3.79 -3.97
SOUTHDOW_115KV_TB1 355954	28.83 0.40 -0.13	26.06 0.03 -0.04	25.06 -0.36 0.00	23.25 -0.47 0.00	22.21 -0.22 0.00	22.67 -0.14 0.00	21.29 0.04 -0.35	19.05 0.72 -0.87	22.25 0.90 -0.81	27.54 1.68 -0.03	29.38 1.77 0.00	31.13 2.20 0.00	32.46 2.32 0.00	34.11 2.61 0.00	34.74 2.72 0.00	37.84 2.61 0.00	44.45 1.79 0.00	45.99 2.48 0.00	44.92 1.93 -0.16	36.30 1.99 0.00	32.44 1.56 -0.34	31.68 1.82 -0.10	30.15 1.38 0.00	28.15 1.44 0.00
SOUTHOLD_69_KV_BK 2 55809	36.61 4.53 -3.77	34.78 4.03 -4.75	31.89 3.63 -2.84	28.08 3.30 -1.06	25.57 3.12 -0.02	25.97 3.15 -0.02	26.16 3.18 -2.09	29.29 2.88 -8.94	31.65 3.53 -7.59	36.20 4.67 -5.70	37.50 4.94 -4.95	38.73 4.92 -4.88	42.26 5.55 -6.58	46.33 5.83 -9.01	47.49 5.86 -9.62	53.06 6.34 -11.49	57.84 8.06 -7.12	60.27 8.49 -8.27	59.85 8.18 -8.84	49.67 6.38 -8.98	46.49 5.41 -10.55	42.00 5.21 -7.03	38.15 5.15 -4.23	35.19 4.51 -3.97

SOUTHOLD___IC 23719	36.60 4.53 -3.77	34.80 4.05 -4.75	31.91 3.66 -2.84	28.08 3.30 -1.06	25.57 3.12 -0.02	25.97 3.15 -0.02	26.16 3.17 -2.09	29.29 2.88 -8.94	31.65 3.53 -7.59	36.20 4.68 -5.70	37.50 4.94 -4.95	38.70 4.89 -4.88	42.26 5.54 -6.58	46.33 5.83 -9.01	47.49 5.86 -9.62	53.06 6.34 -11.49	57.75 7.97 -7.12	60.27 8.49 -8.27	59.85 8.18 -8.84	49.67 6.38 -8.98	46.55 5.47 -10.55	42.00 5.21 -7.03	38.24 5.24 -4.23	35.19 4.51 -3.97
SPIERFLS_115KV_TB 1 80737	32.80 2.01 -2.48	28.19 1.79 -0.41	26.99 1.58 0.00	25.15 1.42 0.00	23.85 1.41 0.00	24.17 1.37 0.00	25.04 1.36 -2.79	25.50 1.15 -6.88	28.45 1.44 -6.48	27.96 1.89 -0.25	29.40 1.79 0.00	30.78 1.85 0.00	32.13 1.99 0.00	33.45 1.95 0.00	34.00 1.98 0.00	37.45 2.22 0.00	45.30 2.64 0.00	46.21 2.70 0.00	49.10 3.17 -3.10	36.78 2.47 0.00	39.66 2.60 -6.52	34.23 2.59 -1.88	30.99 2.22 0.00	28.39 1.68 0.00
ST LAWRENCE____ 23600	27.80 -0.51 0.00	25.55 -0.44 0.00	25.24 -0.18 0.00	23.56 -0.16 0.00	22.30 -0.13 0.00	22.69 -0.11 0.00	20.58 -0.31 0.00	17.01 -0.45 0.00	20.00 -0.53 0.00	25.15 -0.67 0.00	26.92 -0.69 0.00	28.21 -0.72 0.00	29.38 -0.75 0.00	30.58 -0.91 0.00	31.09 -0.93 0.00	34.21 -1.02 0.00	41.42 -1.24 0.00	42.25 -1.26 0.00	41.68 -1.15 0.00	33.38 -0.92 0.00	29.74 -0.79 0.00	29.02 -0.74 0.00	28.02 -0.75 0.00	26.25 -0.45 0.00
STATE_CA_115KV_115_LB 55624	31.55 1.33 -1.91	27.58 1.22 -0.36	26.46 1.04 0.00	24.68 0.95 0.00	23.40 0.96 0.00	23.71 0.91 0.00	24.59 0.98 -2.71	25.00 0.84 -6.69	27.80 0.97 -6.30	27.31 1.24 -0.24	28.96 1.35 0.00	30.29 1.36 0.00	31.37 1.24 0.00	32.88 1.39 0.00	33.39 1.38 0.00	36.68 1.44 0.00	44.53 1.88 0.00	45.43 1.91 0.00	47.14 1.93 -2.39	35.78 1.48 0.00	36.88 1.31 -5.02	32.49 1.28 -1.45	29.95 1.18 0.00	27.56 0.85 0.00
STATE_ST_34_KV_LOAD 55959	28.65 0.25 -0.09	26.07 0.05 -0.03	25.26 -0.15 0.00	23.56 -0.17 0.00	22.23 -0.20 0.00	22.64 -0.16 0.00	21.10 -0.04 -0.25	18.25 0.17 -0.61	21.36 0.25 -0.58	26.18 0.34 -0.02	28.02 0.41 0.00	29.45 0.52 0.00	30.71 0.57 0.00	32.28 0.79 0.00	32.85 0.83 0.00	36.18 0.95 0.00	43.64 0.98 0.00	44.63 1.04 -0.07	43.93 0.99 -0.11	35.20 0.89 0.00	31.44 0.67 -0.23	30.43 0.60 -0.07	29.29 0.52 0.00	27.16 0.45 0.00
STATION 5_MISC_HYD 23604	28.25 -0.14 -0.08	25.76 -0.26 -0.03	24.78 -0.63 0.00	23.04 -0.69 0.00	21.80 -0.63 0.00	22.23 -0.57 0.00	20.90 -0.23 -0.24	18.13 0.07 -0.59	21.20 0.10 -0.56	25.95 0.10 -0.02	27.78 0.17 0.00	29.34 0.40 0.00	30.65 0.51 0.00	32.12 0.63 0.00	32.75 0.74 0.00	36.11 0.88 0.00	42.92 0.26 0.00	43.95 0.44 0.00	43.15 0.22 -0.10	34.75 0.44 0.00	31.15 0.40 -0.22	30.27 0.45 -0.06	29.03 0.26 0.00	27.13 0.43 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.45 0.06 -0.08	25.94 -0.08 -0.03	24.98 -0.43 0.00	23.25 -0.47 0.00	21.98 -0.45 0.00	22.41 -0.39 0.00	21.01 -0.13 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.13 0.28 -0.02	28.00 0.39 0.00	29.51 0.58 0.00	30.80 0.66 0.00	32.34 0.85 0.00	32.94 0.93 0.00	36.32 1.09 0.00	43.43 0.77 0.00	44.40 0.87 -0.01	43.62 0.69 -0.10	35.03 0.72 0.00	31.31 0.55 -0.22	30.45 0.63 -0.06	29.23 0.46 0.00	27.22 0.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.11 -0.28 -0.08	25.66 -0.36 -0.03	24.68 -0.74 0.00	22.95 -0.78 0.00	21.69 -0.74 0.00	22.12 -0.68 0.00	20.78 -0.36 -0.24	18.02 -0.03 -0.59	21.09 0.00 -0.55	25.82 -0.03 -0.02	27.66 0.06 0.00	29.19 0.26 0.00	30.50 0.36 0.00	32.03 0.54 0.00	32.62 0.61 0.00	35.97 0.74 0.00	42.83 0.17 0.00	43.82 0.30 0.00	43.02 0.09 -0.10	34.58 0.27 0.00	30.88 0.12 -0.22	30.09 0.27 -0.06	28.89 0.12 0.00	26.98 0.27 0.00
STA_56___34_KV_BUS2 355983	28.11 -0.28 -0.08	25.66 -0.36 -0.03	24.68 -0.74 0.00	22.95 -0.78 0.00	21.69 -0.74 0.00	22.12 -0.68 0.00	20.78 -0.36 -0.24	18.02 -0.03 -0.59	21.09 0.00 -0.55	25.82 -0.03 -0.02	27.66 0.06 0.00	29.19 0.26 0.00	30.50 0.36 0.00	32.03 0.54 0.00	32.62 0.61 0.00	35.97 0.74 0.00	42.83 0.17 0.00	43.82 0.30 0.00	43.02 0.09 -0.10	34.58 0.27 0.00	30.88 0.12 -0.22	30.09 0.27 -0.06	28.89 0.12 0.00	26.98 0.27 0.00
STA_67___115KV_BK2 355882	28.19 -0.20 -0.08	25.73 -0.29 -0.03	24.73 -0.69 0.00	22.99 -0.74 0.00	21.76 -0.67 0.00	22.19 -0.62 0.00	20.86 -0.27 -0.24	18.09 0.03 -0.59	21.15 0.06 -0.56	25.87 0.03 -0.02	27.69 0.08 0.00	29.22 0.29 0.00	30.50 0.36 0.00	32.03 0.54 0.00	32.62 0.61 0.00	36.01 0.78 0.00	42.79 0.13 0.00	43.82 0.30 0.00	43.02 0.09 -0.10	34.65 0.34 0.00	30.94 0.18 -0.22	30.18 0.36 -0.06	28.94 0.17 0.00	27.06 0.35 0.00
STA_7___115KV_9TRANS 80674	28.42 0.03 -0.08	25.92 -0.10 -0.03	24.91 -0.51 0.00	23.13 -0.59 0.00	21.89 -0.54 0.00	22.32 -0.48 0.00	20.99 -0.15 -0.24	18.20 0.14 -0.59	21.30 0.21 -0.56	26.08 0.23 -0.02	27.97 0.36 0.00	29.51 0.58 0.00	30.83 0.69 0.00	32.41 0.91 0.00	33.01 0.99 0.00	36.43 1.20 0.00	43.30 0.64 0.00	44.34 0.83 0.00	43.49 0.56 -0.10	35.00 0.69 0.00	31.22 0.46 -0.22	30.48 0.65 -0.06	29.20 0.43 0.00	27.30 0.59 0.00
STA_82___115KV_TB1 80780	28.19 -0.20 -0.08	25.73 -0.29 -0.03	24.76 -0.66 0.00	23.02 -0.71 0.00	21.78 -0.65 0.00	22.19 -0.62 0.00	20.86 -0.27 -0.24	18.10 0.03 -0.60	21.16 0.06 -0.56	25.87 0.03 -0.02	27.72 0.11 0.00	29.25 0.32 0.00	30.53 0.39 0.00	32.03 0.54 0.00	32.66 0.64 0.00	36.01 0.78 0.00	42.83 0.17 0.00	43.86 0.35 0.00	43.06 0.13 -0.11	34.69 0.38 0.00	30.94 0.18 -0.22	30.18 0.36 -0.06	28.97 0.20 0.00	27.06 0.35 0.00
STEEL___WIND 323596	28.03 -0.40 -0.12	25.41 -0.62 -0.04	24.45 -0.97 0.00	22.68 -1.04 0.00	21.60 -0.83 0.00	22.00 -0.80 0.00	20.53 -0.69 -0.33	18.15 -0.12 -0.80	21.15 -0.14 -0.76	25.93 0.08 -0.03	27.69 0.08 0.00	29.31 0.38 0.00	30.62 0.48 0.00	32.03 0.53 0.00	32.66 0.64 0.00	36.08 0.84 0.00	42.36 -0.30 0.00	43.69 0.17 0.00	42.85 -0.13 -0.15	34.72 0.41 0.00	31.22 0.37 -0.32	30.30 0.45 -0.09	28.94 0.17 0.00	27.19 0.48 0.00
STEPHTWN_115KV_BK_2 55603	31.48 1.50 -1.67	27.72 1.38 -0.34	26.64 1.22 0.00	24.84 1.12 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.70 1.13 -2.68	25.05 0.98 -6.61	27.88 1.13 -6.22	27.51 1.45 -0.24	29.18 1.57 0.00	30.52 1.59 0.00	31.61 1.48 0.00	33.16 1.67 0.00	33.68 1.66 0.00	37.03 1.80 0.00	44.83 2.18 0.00	45.82 2.31 0.00	47.19 2.27 -2.09	36.09 1.78 0.00	36.49 1.56 -4.39	32.58 1.55 -1.26	30.18 1.41 0.00	27.75 1.04 0.00
STEUBEN_REC_LFGE 323667	28.89 0.42 -0.16	26.12 0.08 -0.05	25.21 -0.20 0.00	23.44 -0.28 0.00	22.21 -0.22 0.00	22.64 -0.16 0.00	21.25 -0.06 -0.42	18.87 0.37 -1.04	22.00 0.49 -0.98	26.71 0.85 -0.04	28.47 0.86 0.00	30.03 1.10 0.00	31.40 1.27 0.00	32.97 1.48 0.00	33.52 1.50 0.00	37.03 1.80 0.00	44.02 1.37 0.00	45.32 1.78 -0.02	44.71 1.67 -0.20	36.09 1.78 0.00	32.37 1.40 -0.43	31.41 1.52 -0.12	30.04 1.27 0.00	28.02 1.31 0.00

STONY___BROOK 24151	35.19 3.11 -3.77	33.56 2.81 -4.75	30.72 2.46 -2.84	27.04 2.26 -1.06	24.56 2.11 -0.02	24.94 2.12 -0.02	25.24 2.26 -2.09	28.45 2.04 -8.94	30.60 2.48 -7.59	34.73 3.20 -5.70	35.90 3.34 -4.95	37.08 3.27 -4.88	40.39 3.68 -6.58	44.35 3.84 -9.02	45.55 3.90 -9.63	50.91 4.19 -11.49	54.89 5.12 -7.12	57.18 5.39 -8.27	56.84 5.09 -8.91	48.58 3.94 -10.33	46.55 3.63 -12.38	40.83 3.45 -7.61	36.57 3.57 -4.23	33.67 2.99 -3.97
STURGEON_POOL_HYD 23609	30.50 1.30 -0.89	27.49 1.25 -0.25	26.46 1.04 0.00	24.70 0.97 0.00	23.33 0.90 0.00	23.65 0.84 0.00	24.05 1.00 -2.15	23.70 0.93 -5.31	26.66 1.13 -5.00	27.51 1.50 -0.19	29.10 1.49 0.00	30.41 1.48 0.00	31.79 1.66 0.00	33.22 1.73 0.00	33.81 1.79 0.00	37.13 1.90 0.00	45.30 2.64 0.00	46.21 2.70 0.00	46.30 2.36 -1.11	36.16 1.85 0.00	34.43 1.56 -2.34	31.84 1.40 -0.67	30.32 1.55 0.00	27.88 1.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.40 1.39 -0.70	27.48 1.27 -0.21	26.43 1.02 0.00	24.68 0.95 0.00	23.31 0.87 0.00	23.65 0.84 0.00	23.87 1.07 -1.91	23.17 1.00 -4.71	26.16 1.19 -4.44	27.52 1.52 -0.17	29.16 1.55 0.00	30.50 1.56 0.00	31.85 1.72 0.00	33.29 1.80 0.00	33.87 1.86 0.00	37.20 1.97 0.00	45.30 2.64 0.00	46.21 2.70 0.00	46.24 2.53 -0.88	36.20 1.89 0.00	34.07 1.68 -1.85	31.87 1.58 -0.53	30.35 1.58 0.00	27.91 1.20 0.00
SWANROAD_115KV_TB1 355699	27.26 -1.16 -0.11	24.75 -1.27 -0.03	23.79 -1.63 0.00	22.07 -1.66 0.00	21.15 -1.28 0.00	21.37 -1.44 0.00	20.11 -1.09 -0.30	17.68 -0.52 -0.74	20.61 -0.62 -0.70	25.10 -0.75 -0.03	26.78 -0.83 0.00	28.33 -0.61 0.00	29.56 -0.57 0.00	30.96 -0.54 0.00	31.54 -0.48 0.00	34.84 -0.39 0.00	40.87 -1.79 0.00	42.16 -1.35 0.00	41.34 -1.63 -0.14	33.55 -0.75 0.00	29.97 -0.86 -0.29	29.31 -0.54 -0.08	28.02 -0.75 0.00	26.49 -0.21 0.00
SYNERGY___BIOGAS 323694	28.46 0.06 -0.10	25.87 -0.16 -0.03	24.81 -0.61 0.00	23.02 -0.71 0.00	21.89 -0.54 0.00	22.28 -0.52 0.00	20.94 -0.23 -0.28	18.31 0.16 -0.68	21.36 0.18 -0.64	26.11 0.26 -0.02	27.94 0.33 0.00	29.57 0.64 0.00	30.89 0.75 0.00	32.37 0.88 0.00	33.01 0.99 0.00	36.46 1.23 0.00	43.00 0.34 0.00	44.25 0.74 0.00	43.51 0.56 -0.12	35.20 0.89 0.00	31.63 0.82 -0.26	30.73 0.89 -0.08	29.38 0.61 0.00	27.56 0.85 0.00
SYRACUSE___ENERGY_ST1 323597	28.25 -0.06 0.00	25.88 -0.13 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.12 -0.31 0.00	22.51 -0.30 0.00	20.93 -0.17 -0.20	17.98 0.02 -0.49	21.02 0.02 -0.47	25.89 0.05 -0.02	27.69 0.08 0.00	29.05 0.12 0.00	30.29 0.15 0.00	31.81 0.31 0.00	32.34 0.32 0.00	35.65 0.42 0.00	43.04 0.38 0.00	43.94 0.35 -0.08	43.13 0.30 0.00	34.62 0.31 0.00	30.72 0.18 0.00	29.91 0.15 0.00	28.89 0.12 0.00	26.79 0.08 0.00
SYRACUSE___ENERGY_ST2 323598	28.25 -0.06 0.00	25.88 -0.13 -0.02	25.14 -0.28 0.00	23.44 -0.28 0.00	22.12 -0.31 0.00	22.51 -0.30 0.00	20.93 -0.17 -0.20	17.98 0.02 -0.49	21.02 0.02 -0.47	25.89 0.05 -0.02	27.69 0.08 0.00	29.05 0.12 0.00	30.29 0.15 0.00	31.81 0.31 0.00	32.34 0.32 0.00	35.65 0.42 0.00	43.04 0.38 0.00	43.94 0.35 -0.08	43.13 0.30 0.00	34.62 0.31 0.00	30.72 0.18 0.00	29.91 0.15 0.00	28.89 0.12 0.00	26.79 0.08 0.00
SYRACUSE___POWER 24017	28.24 -0.14 -0.07	25.81 -0.21 -0.02	25.06 -0.36 0.00	23.37 -0.36 0.00	22.07 -0.36 0.00	22.44 -0.36 0.00	20.87 -0.23 -0.21	17.95 -0.03 -0.52	21.00 -0.02 -0.49	25.82 -0.03 -0.02	27.61 0.00 0.00	28.93 0.00 0.00	30.17 0.03 0.00	31.65 0.16 0.00	32.18 0.16 0.00	35.48 0.25 0.00	42.83 0.17 0.00	43.74 0.17 -0.05	43.05 0.13 -0.09	34.48 0.17 0.00	30.78 0.06 -0.18	29.85 0.03 -0.05	28.77 0.00 0.00	26.65 -0.05 0.00
TALLMAN___138KV_BK151 55660	30.59 1.56 -0.73	27.65 1.43 -0.22	26.56 1.14 0.00	24.80 1.07 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.06 1.19 -1.98	23.50 1.15 -4.88	26.50 1.38 -4.59	27.76 1.76 -0.18	29.38 1.77 0.00	30.76 1.82 0.00	32.13 1.99 0.00	33.57 2.08 0.00	34.16 2.15 0.00	37.52 2.29 0.00	45.69 3.03 0.00	46.60 3.09 0.00	46.57 2.83 -0.91	36.44 2.13 0.00	34.35 1.89 -1.92	32.07 1.76 -0.55	30.58 1.81 0.00	28.07 1.36 0.00
TEALLAVE_115KV_TB7 355573	28.08 -0.23 0.00	25.72 -0.29 -0.02	24.98 -0.43 0.00	23.30 -0.43 0.00	22.01 -0.43 0.00	22.37 -0.43 0.00	20.78 -0.29 -0.18	17.83 -0.07 -0.43	20.86 -0.08 -0.41	25.74 -0.10 -0.02	27.53 -0.08 0.00	28.85 -0.09 0.00	30.05 -0.09 0.00	31.52 0.03 0.00	32.05 0.03 0.00	35.34 0.11 0.00	42.66 0.00 0.00	43.51 -0.04 -0.04	42.79 -0.04 0.00	34.31 0.00 0.00	30.45 -0.09 0.00	29.67 -0.09 0.00	28.65 -0.12 0.00	26.55 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	28.01 -0.40 -0.10	25.45 -0.57 -0.03	24.43 -0.99 0.00	22.66 -1.07 0.00	21.62 -0.81 0.00	21.94 -0.87 0.00	20.61 -0.56 -0.29	18.10 -0.07 -0.70	21.11 -0.08 -0.66	25.80 -0.05 -0.03	27.58 -0.03 0.00	29.16 0.23 0.00	30.47 0.33 0.00	31.93 0.44 0.00	32.53 0.51 0.00	35.97 0.74 0.00	42.32 -0.34 0.00	43.60 0.09 0.00	42.70 -0.26 -0.13	34.62 0.31 0.00	30.90 0.09 -0.27	30.20 0.36 -0.08	28.89 0.12 0.00	27.19 0.48 0.00
TEMPLE___115KV_TB 2 55572	28.11 -0.20 0.00	25.75 -0.26 -0.02	25.01 -0.41 0.00	23.32 -0.40 0.00	22.01 -0.43 0.00	22.39 -0.41 0.00	20.80 -0.27 -0.18	17.84 -0.07 -0.44	20.89 -0.06 -0.41	25.74 -0.10 -0.02	27.53 -0.08 0.00	28.88 -0.06 0.00	30.08 -0.06 0.00	31.56 0.06 0.00	32.08 0.06 0.00	35.37 0.14 0.00	42.70 0.04 0.00	43.56 0.00 -0.04	42.83 0.00 0.00	34.34 0.03 0.00	30.48 -0.06 0.00	29.70 -0.06 0.00	28.68 -0.09 0.00	26.57 -0.13 0.00
TIANA___69_KV_BK 1 55817	35.76 3.68 -3.77	34.02 3.28 -4.75	31.17 2.92 -2.84	27.44 2.66 -1.06	24.94 2.49 -0.02	25.33 2.51 -0.02	25.59 2.61 -2.09	28.78 2.38 -8.94	30.99 2.87 -7.59	35.30 3.77 -5.70	36.45 3.89 -4.95	37.54 3.73 -4.88	41.08 4.37 -6.58	45.04 4.53 -9.01	46.18 4.55 -9.62	51.55 4.83 -11.49	56.00 6.23 -7.12	58.36 6.57 -8.27	57.96 6.30 -8.84	48.27 4.97 -8.98	45.36 4.28 -10.55	40.90 4.11 -7.03	37.15 4.14 -4.23	34.28 3.61 -3.97
TILDEN___115KV_TB1 80814	28.24 -0.14 -0.07	25.81 -0.21 -0.02	25.06 -0.36 0.00	23.37 -0.36 0.00	22.07 -0.36 0.00	22.44 -0.36 0.00	20.87 -0.23 -0.21	17.95 -0.03 -0.52	21.00 -0.02 -0.49	25.82 -0.03 -0.02	27.61 0.00 0.00	28.93 0.00 0.00	30.17 0.03 0.00	31.65 0.16 0.00	32.18 0.16 0.00	35.48 0.25 0.00	42.83 0.17 0.00	43.74 0.17 -0.05	43.05 0.13 -0.09	34.48 0.17 0.00	30.78 0.06 -0.18	29.85 0.03 -0.05	28.77 0.00 0.00	26.65 -0.05 0.00
TRIGEN___CC 323695	34.26 2.18 -3.77	32.75 2.00 -4.75	29.98 1.73 -2.84	26.37 1.59 -1.06	23.93 1.48 -0.02	24.30 1.48 -0.02	24.68 1.69 -2.09	27.96 1.55 -8.94	29.97 1.85 -7.59	33.88 2.35 -5.70	34.96 2.40 -4.95	36.24 2.43 -4.88	39.33 2.62 -6.57	43.23 2.74 -9.00	44.41 2.79 -9.61	49.67 2.96 -11.48	53.70 3.92 -7.12	55.79 4.00 -8.27	55.14 3.73 -8.58	41.30 2.85 -4.14	37.04 2.53 -3.96	37.13 2.41 -4.96	35.48 2.47 -4.23	32.62 1.95 -3.96

TRINITY__115KV__4 BK 55933	31.23 1.22 -1.71	27.46 1.12 -0.35	26.36 0.94 0.00	24.61 0.88 0.00	23.31 0.87 0.00	23.65 0.84 0.00	24.48 0.90 -2.69	24.86 0.77 -6.63	27.65 0.88 -6.24	27.20 1.14 -0.24	28.82 1.21 0.00	30.15 1.22 0.00	31.22 1.08 0.00	32.69 1.20 0.00	33.20 1.18 0.00	36.50 1.27 0.00	44.32 1.66 0.00	45.21 1.70 0.00	46.64 1.67 -2.13	35.61 1.30 0.00	36.19 1.16 -4.49	32.19 1.13 -1.29	29.83 1.06 0.00	27.46 0.75 0.00
UNION__PROCESSING_DRP 323587	28.22 -0.17 -0.08	25.76 -0.26 -0.03	24.76 -0.66 0.00	23.02 -0.71 0.00	21.78 -0.65 0.00	22.21 -0.59 0.00	20.86 -0.27 -0.24	18.10 0.03 -0.60	21.18 0.08 -0.56	25.90 0.05 -0.02	27.72 0.11 0.00	29.25 0.32 0.00	30.53 0.39 0.00	32.06 0.57 0.00	32.66 0.64 0.00	36.04 0.81 0.00	42.83 0.17 0.00	43.90 0.39 0.00	43.06 0.13 -0.11	34.69 0.38 0.00	30.97 0.21 -0.22	30.21 0.39 -0.06	28.97 0.20 0.00	27.08 0.37 0.00
UPPER HUDSON__HYD 24058	32.80 2.01 -2.48	28.19 1.79 -0.41	26.99 1.58 0.00	25.15 1.42 0.00	23.85 1.41 0.00	24.17 1.37 0.00	25.04 1.36 -2.79	25.50 1.15 -6.88	28.45 1.44 -6.48	27.96 1.88 -0.25	29.40 1.79 0.00	30.79 1.85 0.00	32.09 1.96 0.00	33.45 1.95 0.00	34.00 1.99 0.00	37.42 2.19 0.00	45.35 2.69 0.00	46.26 2.74 0.00	49.10 3.17 -3.10	36.78 2.47 0.00	39.66 2.59 -6.52	34.23 2.59 -1.88	30.99 2.22 0.00	28.39 1.68 0.00
UPPER RAQUET__HYD 24056	27.91 -0.40 0.00	25.55 -0.44 0.00	25.24 -0.18 0.00	23.56 -0.16 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	20.62 -0.27 0.00	17.00 -0.47 0.00	20.00 -0.53 0.00	25.26 -0.57 0.00	27.08 -0.53 0.00	28.41 -0.52 0.00	29.53 -0.60 0.00	30.80 -0.69 0.00	31.28 -0.74 0.00	34.46 -0.78 0.00	41.68 -0.98 0.00	42.48 -1.04 0.00	42.06 -0.77 0.00	33.76 -0.55 0.00	30.08 -0.46 0.00	29.26 -0.51 0.00	28.28 -0.49 0.00	26.58 -0.13 0.00
VALLEY44_115KV_TB2 355964	27.88 -0.57 -0.14	25.02 -1.01 -0.04	24.35 -1.07 0.00	22.64 -1.09 0.00	21.56 -0.87 0.00	21.96 -0.84 0.00	20.19 -1.07 -0.36	17.93 -0.44 -0.90	20.89 -0.49 -0.85	25.88 0.03 -0.03	27.61 0.00 0.00	29.19 0.26 0.00	30.50 0.36 0.00	31.96 0.47 0.00	32.56 0.54 0.00	35.94 0.70 0.00	42.32 -0.34 0.00	43.64 0.13 0.00	42.70 -0.30 -0.17	34.58 0.27 0.00	30.93 0.03 -0.36	30.17 0.30 -0.10	28.86 0.09 0.00	27.06 0.35 0.00
VALLEY__115KV_TB 1-4 80826	28.59 0.28 0.00	26.20 0.21 0.00	25.57 0.15 0.00	23.87 0.14 0.00	22.52 0.09 0.00	22.89 0.09 0.00	21.00 0.10 0.00	17.62 0.16 0.00	20.74 0.21 0.00	26.06 0.23 0.00	27.91 0.30 0.00	29.28 0.35 0.00	30.50 0.36 0.00	31.96 0.47 0.00	32.43 0.42 0.00	35.69 0.46 0.00	43.21 0.55 0.00	44.04 0.52 0.00	43.39 0.56 0.00	34.76 0.45 0.00	30.91 0.37 0.00	30.15 0.39 0.00	29.17 0.40 0.00	27.00 0.29 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.53 1.67 -0.55	27.50 1.40 -0.10	26.61 1.19 0.00	24.84 1.12 0.00	23.35 0.92 0.00	23.74 0.93 0.00	22.57 0.92 -0.76	20.33 1.00 -1.87	23.44 1.15 -1.76	27.44 1.55 -0.07	29.27 1.66 0.00	30.70 1.76 0.00	32.04 1.90 0.00	33.70 2.20 0.00	34.16 2.15 0.00	37.66 2.43 0.00	45.64 2.99 0.00	46.53 3.00 -0.01	46.56 3.04 -0.69	36.75 2.44 0.00	34.07 2.08 -1.45	32.12 1.93 -0.42	30.70 1.93 0.00	28.20 1.50 0.00
VISCHER__FERRY HYD 24020	32.04 1.56 -2.18	27.80 1.43 -0.38	26.66 1.25 0.00	24.87 1.14 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.74 1.13 -2.72	25.14 0.96 -6.72	27.99 1.13 -6.32	27.51 1.45 -0.24	29.10 1.49 0.00	30.44 1.50 0.00	31.67 1.54 0.00	33.19 1.70 0.00	33.71 1.70 0.00	36.99 1.76 0.00	45.00 2.34 0.00	45.90 2.39 0.00	47.95 2.40 -2.73	36.19 1.89 0.00	38.02 1.74 -5.74	33.08 1.67 -1.65	30.35 1.58 0.00	27.94 1.23 0.00
V_A_10_SYNC_DSASP 323832	27.64 -0.76 -0.10	25.22 -0.81 -0.03	24.22 -1.19 0.00	22.49 -1.23 0.00	21.33 -1.10 0.00	21.73 -1.07 0.00	20.51 -0.65 -0.27	17.92 -0.21 -0.66	20.91 -0.25 -0.63	25.44 -0.41 -0.02	27.14 -0.47 0.00	28.67 -0.26 0.00	29.93 -0.21 0.00	31.34 -0.16 0.00	31.92 -0.10 0.00	35.27 0.04 0.00	41.55 -1.11 0.00	42.77 -0.74 0.00	41.92 -1.03 -0.12	33.93 -0.38 0.00	30.30 -0.49 -0.25	29.60 -0.24 -0.07	28.37 -0.40 0.00	26.63 -0.08 0.00
V_CMM_10_SYNC_DSASP 323787	27.91 -0.40 0.00	25.65 -0.34 0.00	25.32 -0.10 0.00	23.63 -0.09 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	20.64 -0.25 0.00	17.07 -0.40 0.00	20.06 -0.47 0.00	25.26 -0.57 0.00	27.03 -0.58 0.00	28.32 -0.61 0.00	29.47 -0.66 0.00	30.71 -0.79 0.00	31.22 -0.80 0.00	34.35 -0.88 0.00	41.59 -1.06 0.00	42.43 -1.09 0.00	41.85 -0.98 0.00	33.52 -0.79 0.00	29.87 -0.67 0.00	29.14 -0.63 0.00	28.14 -0.63 0.00	26.36 -0.35 0.00
V_CMP_10_SYNC_DSASP 323788	28.22 -0.08 0.00	25.86 -0.13 0.00	25.44 0.03 0.00	23.70 -0.02 0.00	22.48 0.04 0.00	22.87 0.07 0.00	20.81 -0.08 0.00	17.22 -0.24 0.00	20.35 -0.19 0.00	25.67 -0.15 0.00	27.55 -0.06 0.00	28.88 -0.06 0.00	30.02 -0.12 0.00	31.24 -0.25 0.00	31.79 -0.22 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.25 -0.26 0.00	42.62 -0.21 0.00	34.21 -0.10 0.00	30.48 -0.06 0.00	29.56 -0.21 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00
V_E_10_SYNC_DSASP 323830	30.96 2.35 -0.30	27.78 1.72 -0.07	26.84 1.42 0.00	25.03 1.30 0.00	23.33 0.90 0.00	23.74 0.94 0.00	22.34 0.88 -0.57	20.01 1.13 -1.41	23.14 1.27 -1.33	27.66 1.78 -0.05	29.54 1.93 0.00	31.10 2.17 0.00	32.55 2.41 0.00	34.49 2.99 0.00	34.86 2.85 0.00	38.69 3.45 0.00	46.84 4.18 0.00	47.72 4.18 -0.03	47.84 4.63 -0.38	38.18 3.88 0.00	34.69 3.36 -0.79	32.97 2.98 -0.23	31.76 2.99 0.00	29.08 2.38 0.00
V_F_30_NSYNC__DSASP 323816	32.76 2.01 -2.44	28.22 1.82 -0.40	27.02 1.60 0.00	25.20 1.47 0.00	23.87 1.44 0.00	24.22 1.41 0.00	25.07 1.40 -2.78	25.51 1.19 -6.86	28.43 1.44 -6.46	27.93 1.86 -0.25	29.51 1.90 0.00	30.90 1.97 0.00	32.21 2.08 0.00	33.73 2.24 0.00	34.26 2.24 0.00	37.66 2.43 0.00	45.73 3.07 0.00	46.65 3.13 0.00	49.14 3.25 -3.05	36.88 2.57 0.00	39.38 2.41 -6.43	34.00 2.38 -1.85	30.90 2.13 0.00	28.39 1.68 0.00
V_F_30_SYNC_DSASP 323786	31.53 1.33 -1.89	27.58 1.22 -0.36	26.46 1.04 0.00	24.68 0.95 0.00	23.40 0.96 0.00	23.71 0.91 0.00	24.59 0.98 -2.71	24.99 0.84 -6.69	27.80 0.97 -6.30	27.31 1.24 -0.24	28.96 1.35 0.00	30.29 1.36 0.00	31.37 1.24 0.00	32.85 1.35 0.00	33.39 1.38 0.00	36.68 1.44 0.00	44.53 1.88 0.00	45.43 1.91 0.00	47.12 1.93 -2.37	35.78 1.48 0.00	36.83 1.31 -4.98	32.48 1.28 -1.43	29.95 1.18 0.00	27.56 0.85 0.00
V_XM_10_SYNC_DSASP 323789	28.22 -0.08 0.00	25.86 -0.13 0.00	25.44 0.03 0.00	23.70 -0.02 0.00	22.48 0.04 0.00	22.87 0.07 0.00	20.81 -0.08 0.00	17.22 -0.24 0.00	20.35 -0.19 0.00	25.67 -0.15 0.00	27.55 -0.06 0.00	28.88 -0.06 0.00	30.02 -0.12 0.00	31.24 -0.25 0.00	31.79 -0.22 0.00	35.02 -0.21 0.00	42.32 -0.34 0.00	43.25 -0.26 0.00	42.62 -0.21 0.00	34.21 -0.10 0.00	30.48 -0.06 0.00	29.56 -0.21 0.00	28.48 -0.29 0.00	26.63 -0.08 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.71 1.67 -0.73	27.75 1.53 -0.22	26.66 1.25 0.00	24.89 1.16 0.00	23.51 1.08 0.00	23.85 1.05 0.00	24.16 1.27 -1.99	23.59 1.21 -4.92	26.60 1.44 -4.63	27.84 1.83 -0.18	29.49 1.88 0.00	30.84 1.91 0.00	32.25 2.11 0.00	33.70 2.20 0.00	34.29 2.27 0.00	37.66 2.43 0.00	45.86 3.20 0.00	46.78 3.26 0.00	46.79 3.04 -0.92	36.61 2.30 0.00	34.48 2.02 -1.93	32.22 1.90 -0.56	30.70 1.93 0.00	28.18 1.47 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.89 1.81 -0.77	27.87 1.64 -0.23	26.76 1.35 0.00	24.96 1.23 0.00	23.55 1.12 0.00	23.90 1.09 0.00	24.36 1.38 -2.09	23.97 1.34 -5.16	27.01 1.62 -4.85	28.08 2.07 -0.19	29.79 2.18 0.00	31.13 2.20 0.00	32.52 2.38 0.00	33.95 2.46 0.00	34.51 2.50 0.00	37.87 2.64 0.00	46.24 3.58 0.00	47.17 3.66 0.00	47.13 3.34 -0.96	36.78 2.47 0.00	34.76 2.20 -2.02	32.40 2.05 -0.58	30.96 2.19 0.00	28.34 1.63 0.00
W50THST__13_KV_LOAD 356117	31.00 1.92 -0.77	27.97 1.74 -0.23	26.87 1.45 0.00	25.06 1.33 0.00	23.64 1.21 0.00	23.99 1.19 0.00	24.45 1.46 -2.09	24.05 1.43 -5.16	27.11 1.72 -4.85	28.21 2.20 -0.19	29.93 2.32 0.00	31.28 2.34 0.00	32.70 2.56 0.00	34.11 2.61 0.00	34.67 2.66 0.00	38.05 2.82 0.00	46.50 3.84 0.00	47.43 3.92 0.00	47.39 3.60 -0.96	36.92 2.61 0.00	34.91 2.35 -2.02	32.52 2.17 -0.58	31.10 2.33 0.00	28.44 1.74 0.00
WADING RIVER_IC_1 23522	35.41 3.34 -3.77	33.74 2.99 -4.75	30.92 2.67 -2.84	27.18 2.40 -1.06	24.71 2.26 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.75 2.63 -7.59	34.94 3.41 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.54 3.83 -6.58	44.47 3.97 -9.01	45.54 3.90 -9.62	50.77 4.05 -11.49	55.02 5.25 -7.12	57.44 5.65 -8.27	57.02 5.35 -8.84	47.60 4.32 -8.97	44.86 3.79 -10.53	40.39 3.60 -7.02	36.77 3.77 -4.23	33.91 3.23 -3.97
WADING RIVER_IC_2 23547	35.41 3.34 -3.77	33.74 2.99 -4.75	30.92 2.67 -2.84	27.18 2.40 -1.06	24.71 2.26 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.75 2.63 -7.59	34.94 3.41 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.54 3.83 -6.58	44.47 3.97 -9.01	45.54 3.90 -9.62	50.77 4.05 -11.49	55.02 5.25 -7.12	57.44 5.65 -8.27	57.02 5.35 -8.84	47.60 4.32 -8.97	44.86 3.79 -10.53	40.39 3.60 -7.02	36.77 3.77 -4.23	33.91 3.23 -3.97
WADING RIVER_IC_3 23601	35.41 3.34 -3.77	33.74 2.99 -4.75	30.92 2.67 -2.84	27.18 2.40 -1.06	24.71 2.26 -0.02	25.08 2.26 -0.02	25.36 2.38 -2.09	28.57 2.17 -8.94	30.75 2.63 -7.59	34.94 3.41 -5.70	36.01 3.45 -4.95	36.94 3.13 -4.88	40.54 3.83 -6.58	44.47 3.97 -9.01	45.54 3.90 -9.62	50.77 4.05 -11.49	55.02 5.25 -7.12	57.44 5.65 -8.27	57.02 5.35 -8.84	47.60 4.32 -8.97	44.86 3.79 -10.53	40.39 3.60 -7.02	36.77 3.77 -4.23	33.91 3.23 -3.97
WALDENNY_I2_KV_BK2 80841	28.00 -0.42 -0.12	25.35 -0.68 -0.04	24.43 -0.99 0.00	22.66 -1.07 0.00	21.60 -0.83 0.00	21.98 -0.82 0.00	20.55 -0.67 -0.32	18.16 -0.10 -0.80	21.16 -0.12 -0.75	25.93 0.08 -0.03	27.69 0.08 0.00	29.31 0.38 0.00	30.59 0.45 0.00	32.06 0.57 0.00	32.69 0.67 0.00	36.15 0.92 0.00	42.40 -0.26 0.00	43.82 0.30 0.00	42.85 -0.13 -0.15	34.72 0.41 0.00	31.04 0.18 -0.31	30.30 0.45 -0.09	28.94 0.17 0.00	27.19 0.48 0.00
WALDEN___HYDRO 24148	30.72 1.67 -0.75	27.73 1.51 -0.23	26.64 1.22 0.00	24.87 1.14 0.00	23.49 1.05 0.00	23.80 1.00 0.00	24.09 1.19 -2.01	23.49 1.07 -4.96	26.47 1.27 -4.67	27.63 1.63 -0.18	29.27 1.66 0.00	30.58 1.65 0.00	31.95 1.81 0.00	33.41 1.92 0.00	34.00 1.99 0.00	37.42 2.19 0.00	45.56 2.90 0.00	46.56 3.04 0.00	46.63 2.87 -0.93	36.54 2.23 0.00	34.48 1.98 -1.96	32.15 1.82 -0.57	30.55 1.78 0.00	28.07 1.36 0.00
WARRENSBURG____ 23737	32.80 2.01 -2.48	28.19 1.79 -0.41	26.99 1.58 0.00	25.15 1.42 0.00	23.85 1.41 0.00	24.17 1.37 0.00	25.04 1.36 -2.79	25.50 1.15 -6.88	28.45 1.44 -6.48	27.96 1.88 -0.25	29.40 1.79 0.00	30.79 1.85 0.00	32.09 1.96 0.00	33.45 1.95 0.00	34.00 1.99 0.00	37.42 2.19 0.00	45.35 2.69 0.00	46.26 2.74 0.00	49.10 3.17 -3.10	36.78 2.47 0.00	39.66 2.59 -6.52	34.23 2.59 -1.88	30.99 2.22 0.00	28.39 1.68 0.00
WATERSIDE___6 8 9 23538	31.04 1.95 -0.78	28.00 1.77 -0.24	26.87 1.45 -0.01	25.09 1.35 -0.01	23.67 1.23 0.00	23.94 1.14 0.00	24.40 1.42 -2.09	24.04 1.41 -5.16	27.07 1.68 -4.85	28.15 2.14 -0.19	29.88 2.26 -0.01	31.26 2.31 -0.01	32.65 2.50 -0.01	34.08 2.58 -0.01	34.65 2.63 -0.01	38.02 2.78 -0.01	46.38 3.71 -0.01	47.31 3.79 -0.01	47.31 3.51 -0.97	36.85 2.54 0.00	34.89 2.32 -2.03	32.49 2.14 -0.58	31.08 2.30 -0.01	28.45 1.74 -0.01
WATKINRD_115KV_LN8_ILLION 55919	28.48 0.17 0.00	26.12 0.13 0.00	25.49 0.08 0.00	23.80 0.07 0.00	22.50 0.07 0.00	22.87 0.07 0.00	20.98 0.08 0.00	17.59 0.12 0.00	20.70 0.16 0.00	26.01 0.18 0.00	27.83 0.22 0.00	29.16 0.23 0.00	30.41 0.27 0.00	31.81 0.31 0.00	32.30 0.29 0.00	35.58 0.35 0.00	43.08 0.43 0.00	43.95 0.44 0.00	43.26 0.43 0.00	34.69 0.38 0.00	30.84 0.31 0.00	30.06 0.30 0.00	29.09 0.32 0.00	26.92 0.21 0.00
WATSON___69_KV_BK 1 55734	35.39 3.31 -3.77	33.71 2.96 -4.75	30.87 2.62 -2.84	27.18 2.40 -1.06	24.71 2.27 -0.02	25.08 2.26 -0.02	25.37 2.38 -2.09	28.57 2.17 -8.94	30.73 2.61 -7.59	34.88 3.36 -5.70	36.09 3.53 -4.95	37.34 3.53 -4.88	40.60 3.89 -6.58	44.56 4.06 -9.01	45.76 4.13 -9.62	51.19 4.47 -11.48	55.49 5.72 -7.12	57.75 5.96 -8.27	57.20 5.65 -8.71	45.28 4.36 -6.62	41.71 3.85 -7.33	39.47 3.69 -6.02	36.72 3.71 -4.23	33.83 3.15 -3.97
WDELAWARE___HYD 323627	30.00 0.99 -0.71	27.03 0.83 -0.21	25.97 0.56 0.00	24.27 0.55 0.00	22.88 0.45 0.00	23.21 0.41 0.00	23.31 0.61 -1.81	22.53 0.59 -4.47	25.46 0.72 -4.21	26.91 0.93 -0.16	28.49 0.88 0.00	29.77 0.84 0.00	31.13 0.99 0.00	32.59 1.10 0.00	33.17 1.15 0.00	36.57 1.34 0.00	44.58 1.92 0.00	45.56 2.05 0.00	45.60 1.88 -0.88	35.75 1.44 0.00	33.68 1.28 -1.86	31.40 1.10 -0.54	29.86 1.09 0.00	27.43 0.72 0.00
WEST BABYLON___IC 23714	35.16 3.09 -3.77	33.53 2.78 -4.75	30.69 2.44 -2.84	27.01 2.23 -1.06	24.53 2.09 -0.02	24.92 2.10 -0.02	25.22 2.24 -2.09	28.45 2.04 -8.94	30.56 2.44 -7.59	34.65 3.12 -5.70	35.82 3.26 -4.95	37.11 3.30 -4.88	40.30 3.59 -6.58	44.18 3.68 -9.00	45.41 3.78 -9.61	50.76 4.05 -11.48	54.98 5.20 -7.12	57.18 5.40 -8.27	56.59 5.14 -8.61	43.10 3.98 -4.81	38.98 3.57 -4.87	38.43 3.42 -5.24	36.46 3.45 -4.23	33.56 2.88 -3.97
WEST CANADA___HYD 24049	28.36 0.06 0.00	26.02 0.03 0.00	25.42 0.00 0.00	23.70 -0.02 0.00	22.41 -0.02 0.00	22.78 -0.02 0.00	20.91 0.02 0.00	17.52 0.05 0.00	20.60 0.06 0.00	25.90 0.08 0.00	27.69 0.08 0.00	29.02 0.09 0.00	30.26 0.12 0.00	31.65 0.16 0.00	32.14 0.13 0.00	35.37 0.14 0.00	42.87 0.21 0.00	43.69 0.17 0.00	43.05 0.22 0.00	34.48 0.17 0.00	30.66 0.12 0.00	29.88 0.12 0.00	28.89 0.12 0.00	26.76 0.05 0.00

WESTERN_NY_WIND 24143	28.41 0.00 -0.10	25.84 -0.18 -0.03	24.76 -0.66 0.00	22.97 -0.76 0.00	21.87 -0.56 0.00	22.25 -0.55 0.00	20.90 -0.27 -0.28	18.30 0.14 -0.69	21.35 0.16 -0.65	26.08 0.23 -0.02	27.89 0.28 0.00	29.54 0.61 0.00	30.83 0.69 0.00	32.31 0.82 0.00	32.95 0.93 0.00	36.39 1.16 0.00	42.92 0.26 0.00	44.17 0.65 0.00	43.43 0.47 -0.13	35.17 0.86 0.00	31.60 0.79 -0.27	30.70 0.86 -0.08	29.35 0.58 0.00	27.54 0.83 0.00
WESTOVER___LESR 323668	28.87 0.31 -0.25	26.22 0.16 -0.07	25.39 -0.03 0.00	23.68 -0.05 0.00	22.37 -0.07 0.00	22.76 -0.05 0.00	21.52 0.02 -0.61	19.20 0.23 -1.51	22.24 0.29 -1.42	26.32 0.44 -0.05	28.08 0.47 0.00	29.48 0.55 0.00	30.80 0.66 0.00	32.28 0.79 0.00	32.85 0.83 0.00	36.22 0.99 0.00	43.51 0.85 0.00	44.54 1.00 -0.03	44.05 0.90 -0.32	35.17 0.86 0.00	31.85 0.64 -0.67	30.61 0.65 -0.19	29.37 0.60 0.00	27.24 0.53 0.00
WETHRSFD_WT_PWR 323626	28.05 -0.40 -0.14	25.44 -0.60 -0.04	24.50 -0.91 0.00	22.75 -0.97 0.00	21.63 -0.81 0.00	22.05 -0.75 0.00	20.67 -0.58 -0.36	18.27 -0.09 -0.89	21.29 -0.08 -0.84	25.94 0.08 -0.03	27.66 0.06 0.00	29.25 0.32 0.00	30.56 0.42 0.00	31.97 0.47 0.00	32.56 0.54 0.00	35.97 0.74 0.00	42.45 -0.21 0.00	43.69 0.17 0.00	43.00 0.00 -0.17	34.75 0.44 0.00	31.29 0.40 -0.36	30.31 0.45 -0.10	29.03 0.26 0.00	27.19 0.48 0.00
WHAVSTOR_138KV_BK127 55557	30.57 1.53 -0.73	27.62 1.40 -0.22	26.56 1.14 0.00	24.80 1.07 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.08 1.19 -2.00	23.53 1.14 -4.93	26.53 1.36 -4.64	27.73 1.73 -0.18	29.38 1.77 0.00	30.73 1.79 0.00	32.10 1.96 0.00	33.54 2.05 0.00	34.13 2.11 0.00	37.49 2.25 0.00	45.64 2.99 0.00	46.56 3.05 0.00	46.53 2.78 -0.92	36.40 2.09 0.00	34.33 1.86 -1.93	32.08 1.76 -0.56	30.58 1.81 0.00	28.07 1.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.57 1.53 -0.73	27.62 1.40 -0.22	26.56 1.14 0.00	24.80 1.07 0.00	23.42 0.99 0.00	23.76 0.96 0.00	24.08 1.19 -2.00	23.53 1.14 -4.93	26.53 1.36 -4.64	27.73 1.73 -0.18	29.38 1.77 0.00	30.73 1.79 0.00	32.10 1.96 0.00	33.54 2.05 0.00	34.13 2.11 0.00	37.49 2.25 0.00	45.64 2.99 0.00	46.56 3.05 0.00	46.53 2.78 -0.92	36.40 2.09 0.00	34.33 1.86 -1.93	32.08 1.76 -0.56	30.58 1.81 0.00	28.07 1.36 0.00
WHITEHAL_115KV_TB1 80871	33.72 2.94 -2.46	29.00 2.60 -0.40	27.75 2.34 0.00	25.84 2.11 0.00	24.52 2.09 0.00	24.83 2.03 0.00	25.64 1.96 -2.79	26.00 1.66 -6.87	29.06 2.05 -6.47	28.76 2.69 -0.25	30.32 2.71 0.00	31.77 2.84 0.00	33.09 2.95 0.00	34.58 3.09 0.00	35.15 3.14 0.00	38.75 3.52 0.00	46.80 4.14 0.00	47.86 4.35 0.00	50.67 4.75 -3.08	38.08 3.77 0.00	40.78 3.76 -6.48	35.35 3.72 -1.87	31.99 3.22 0.00	29.25 2.54 0.00
WHITEPLN_13_KV_LOAD 356215	31.05 1.98 -0.77	28.02 1.79 -0.23	26.92 1.50 0.00	25.13 1.40 0.00	23.73 1.30 0.00	24.08 1.28 0.00	24.48 1.50 -2.08	24.06 1.45 -5.14	27.12 1.75 -4.84	28.23 2.22 -0.18	29.96 2.35 0.00	31.33 2.40 0.00	32.67 2.53 0.00	34.20 2.71 0.00	34.83 2.82 0.00	38.23 2.99 0.00	46.58 3.92 0.00	47.60 4.09 0.00	47.56 3.77 -0.96	37.19 2.88 0.00	35.09 2.53 -2.02	32.70 2.35 -0.58	31.16 2.39 0.00	28.58 1.87 0.00
WM_FLOYD_69_KV_BK2 356380	35.33 3.26 -3.77	33.66 2.91 -4.75	30.84 2.59 -2.84	27.13 2.35 -1.06	24.65 2.20 -0.02	25.03 2.21 -0.02	25.32 2.34 -2.09	28.54 2.13 -8.94	30.69 2.57 -7.59	34.83 3.31 -5.70	35.96 3.40 -4.95	37.02 3.21 -4.88	40.45 3.74 -6.58	44.41 3.91 -9.01	45.57 3.94 -9.62	50.88 4.16 -11.49	55.19 5.42 -7.12	57.49 5.70 -8.27	57.11 5.44 -8.84	47.61 4.25 -9.05	44.91 3.73 -10.64	40.40 3.57 -7.06	36.63 3.63 -4.23	33.83 3.15 -3.97
WOODARD___115KV_TB2 355635	28.02 -0.28 0.00	25.70 -0.31 -0.02	24.96 -0.46 0.00	23.28 -0.45 0.00	21.98 -0.45 0.00	22.35 -0.46 0.00	20.76 -0.31 -0.18	17.80 -0.10 -0.44	20.82 -0.12 -0.41	25.69 -0.15 -0.02	27.47 -0.14 0.00	28.79 -0.14 0.00	30.02 -0.12 0.00	31.46 -0.03 0.00	32.02 0.00 0.00	35.27 0.04 0.00	42.57 -0.09 0.00	43.48 -0.09 -0.05	42.70 -0.13 0.00	34.27 -0.03 0.00	30.42 -0.12 0.00	29.64 -0.12 0.00	28.63 -0.14 0.00	26.55 -0.16 0.00
YORK___WARBASSE 23770	31.21 2.12 -0.78	28.13 1.90 -0.24	27.00 1.58 -0.01	25.18 1.45 -0.01	23.76 1.32 0.00	24.01 1.21 0.00	24.47 1.48 -2.09	24.05 1.43 -5.16	27.09 1.70 -4.85	28.18 2.17 -0.19	29.96 2.35 -0.01	31.34 2.40 -0.01	32.74 2.59 -0.01	34.18 2.68 -0.01	34.75 2.72 -0.01	38.16 2.92 -0.01	46.63 3.97 -0.01	47.57 4.05 -0.01	47.53 3.73 -0.97	36.95 2.64 0.00	34.98 2.41 -2.03	32.55 2.20 -0.58	31.25 2.47 -0.01	28.59 1.87 -0.01