

Day Ahead Market Generator LBMP

		--- LBMP \$								--- Marginal Cost of Losses								--- Marginal Cost of Congestion										
Generator Data		12/23/2023																										
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	EST	34.20	32.32	29.42	29.03	28.45	29.60	33.38	36.32	35.48	34.53	28.33	28.34	27.89	27.88	28.03	28.44	36.92	39.62	33.81	32.05	30.00	28.31	27.64	27.05			
		1.90	1.71	1.56	1.54	1.43	1.54	1.77	1.99	2.01	1.92	1.32	1.45	1.43	1.40	1.46	1.38	2.02	2.21	1.91	1.81	1.51	1.40	1.34	1.17			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_1 24260	EST	34.23	32.29	29.39	29.01	28.45	29.57	33.35	36.25	35.41	34.50	28.42	28.28	27.89	27.88	28.03	28.44	36.89	39.58	33.81	32.05	29.97	28.42	27.72	27.13			
		1.94	1.68	1.53	1.51	1.43	1.51	1.74	1.92	1.94	1.89	1.40	1.40	1.43	1.40	1.46	1.38	1.99	2.17	1.91	1.81	1.48	1.51	1.42	1.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
74TH STREET_GT_2 24261	EST	34.23	32.29	29.39	29.01	28.45	29.57	33.35	36.25	35.41	34.50	28.42	28.28	27.89	27.88	28.03	28.44	36.89	39.58	33.81	32.05	29.97	28.42	27.72	27.13			
		1.94	1.68	1.53	1.51	1.43	1.51	1.74	1.92	1.94	1.89	1.40	1.40	1.43	1.40	1.46	1.38	1.99	2.17	1.91	1.81	1.48	1.51	1.42	1.24			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK HUDSON___FALLS 24011	EST	33.75	31.96	29.03	28.68	28.10	29.23	33.07	35.97	35.14	34.21	28.17	28.01	27.63	27.53	27.71	28.25	36.68	39.32	33.30	31.54	29.72	28.01	27.90	27.33			
		1.45	1.35	1.17	1.18	1.08	1.18	1.45	1.65	1.67	1.60	1.16	1.13	1.16	1.06	1.14	1.19	1.78	1.91	1.40	1.30	1.23	1.10	1.60	1.45			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK RESOURCE___RCVRY 23798	EST	33.84	32.05	29.14	28.76	28.18	29.35	33.19	36.14	35.34	34.37	28.31	28.15	27.73	27.64	27.82	28.36	36.88	39.50	33.43	31.69	29.86	28.77	28.01	27.41			
		1.55	1.44	1.28	1.27	1.16	1.29	1.58	1.82	1.87	1.76	1.30	1.26	1.27	1.16	1.25	1.30	1.99	2.09	1.53	1.45	1.37	1.86	1.71	1.53			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK S GLENS___FALLS 24028	EST	33.75	31.96	29.03	28.68	28.10	29.23	33.07	35.97	35.14	34.21	28.17	28.01	27.63	27.53	27.71	28.25	36.68	39.32	33.30	31.54	29.72	28.01	27.90	27.33			
		1.45	1.35	1.17	1.18	1.08	1.18	1.45	1.65	1.67	1.60	1.16	1.13	1.16	1.06	1.14	1.19	1.78	1.91	1.40	1.30	1.23	1.10	1.60	1.45			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ADK_NYS___DAM 23527	EST	33.71	32.02	29.05	28.70	27.99	29.06	32.91	35.70	34.81	33.88	27.88	27.77	27.36	27.45	27.55	27.98	36.26	39.09	33.01	31.32	29.60	27.96	27.27	26.71			
		1.42	1.41	1.20	1.21	0.97	1.01	1.30	1.37	1.34	1.27	0.86	0.89	0.90	0.98	0.98	0.92	1.36	1.68	1.12	1.09	1.11	1.05	0.97	0.83			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AIR_PRODUCTS___DRP 24190	EST	32.71	31.22	28.50	28.15	27.61	28.62	32.21	34.91	33.81	32.90	27.09	26.97	26.59	26.58	26.73	27.17	35.18	37.78	32.05	30.39	28.63	27.10	26.46	25.96			
		0.42	0.61	0.64	0.66	0.59	0.56	0.60	0.58	0.33	0.29	0.08	0.08	0.13	0.11	0.16	0.11	0.28	0.37	0.16	0.15	0.14	0.19	0.16	0.08			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
AKWESSNE_115KV_BK 355683	EST	32.55	30.85	28.08	27.69	27.21	28.28	31.83	34.60	33.71	32.84	27.20	27.07	26.65	26.69	26.73	27.25	35.18	37.67	32.12	30.45	28.66	27.04	26.43	25.99			
		0.26	0.24	0.22	0.19	0.19	0.22	0.22	0.27	0.23	0.23	0.19	0.19	0.19	0.21	0.16	0.19	0.28	0.26	0.22	0.21	0.17	0.13	0.13	0.10			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR 323833	EST	33.49	31.89	29.05	28.70	28.13	29.18	32.88	35.63	34.64	33.68	27.74	27.61	27.20	27.19	27.34	27.85	36.08	38.72	32.82	31.11	29.35	27.74	27.09	26.55			
		1.20	1.29	1.20	1.21	1.11	1.12	1.27	1.30	1.17	1.07	0.73	0.73	0.74	0.72	0.77	0.79	1.19	1.31	0.93	0.88	0.85	0.84	0.79	0.67			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_2_SOLAR 323834	EST	33.49	31.86	29.05	28.68	28.13	29.18	32.88	35.63	34.64	33.65	27.74	27.61	27.18	27.19	27.34	27.85	36.08	38.68	32.82	31.11	29.32	27.72	27.06	26.55			
		1.20	1.26	1.20	1.18	1.11	1.12	1.27	1.30	1.17	1.04	0.73	0.73	0.71	0.72	0.77	0.79	1.19	1.27	0.93	0.88	0.83	0.81	0.76	0.67			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	EST	32.71	31.22	28.50	28.15	27.61	28.62	32.21	34.91	33.81	32.90	27.09	26.97	26.59	26.58	26.73	27.17	35.18	37.78	32.05	30.39	28.63	27.10	26.46	25.96			
		0.42	0.61	0.64	0.66	0.59	0.56	0.60	0.58	0.33	0.29	0.08	0.08	0.13	0.11	0.16	0.11	0.28	0.37	0.16	0.15	0.14	0.19	0.16	0.08			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

ALBANY___2 23572	32.71 0.42 0.00	31.22 0.61 0.00	28.50 0.64 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.62 0.56 0.00	32.21 0.60 0.00	34.91 0.58 0.00	33.81 0.33 0.00	32.90 0.29 0.00	27.09 0.08 0.00	26.97 0.08 0.00	26.59 0.13 0.00	26.58 0.11 0.00	26.73 0.16 0.00	27.17 0.11 0.00	35.18 0.28 0.00	37.78 0.37 0.00	32.05 0.16 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.10 0.19 0.00	26.46 0.16 0.00	25.96 0.08 0.00
ALBANY___3 23573	32.71 0.42 0.00	31.22 0.61 0.00	28.50 0.64 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.62 0.56 0.00	32.21 0.60 0.00	34.91 0.58 0.00	33.81 0.33 0.00	32.90 0.29 0.00	27.09 0.08 0.00	26.97 0.08 0.00	26.59 0.13 0.00	26.58 0.11 0.00	26.73 0.16 0.00	27.17 0.11 0.00	35.18 0.28 0.00	37.78 0.37 0.00	32.05 0.16 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.10 0.19 0.00	26.46 0.16 0.00	25.96 0.08 0.00
ALBANY___4 23574	32.71 0.42 0.00	31.22 0.61 0.00	28.50 0.64 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.62 0.56 0.00	32.21 0.60 0.00	34.91 0.58 0.00	33.81 0.33 0.00	32.90 0.29 0.00	27.09 0.08 0.00	26.97 0.08 0.00	26.59 0.13 0.00	26.58 0.11 0.00	26.73 0.16 0.00	27.17 0.11 0.00	35.18 0.28 0.00	37.78 0.37 0.00	32.05 0.16 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.10 0.19 0.00	26.46 0.16 0.00	25.96 0.08 0.00
ALBANY___LFGE 323615	33.00 0.71 0.00	31.50 0.89 0.00	28.75 0.89 0.00	28.37 0.88 0.00	27.83 0.81 0.00	28.84 0.78 0.00	32.50 0.88 0.00	35.25 0.93 0.00	34.17 0.70 0.00	33.26 0.65 0.00	27.36 0.35 0.00	27.26 0.38 0.00	26.86 0.40 0.00	26.87 0.40 0.00	26.99 0.42 0.00	27.47 0.41 0.00	35.59 0.70 0.00	38.20 0.79 0.00	32.40 0.51 0.00	30.69 0.45 0.00	28.95 0.45 0.00	27.37 0.46 0.00	26.70 0.40 0.00	26.17 0.29 0.00
ALCOA_PA_115KV_PL-6C 55860	32.74 0.45 0.00	31.04 0.43 0.00	28.22 0.36 0.00	27.85 0.36 0.00	27.37 0.35 0.00	28.42 0.36 0.00	31.99 0.38 0.00	34.81 0.48 0.00	33.91 0.44 0.00	33.03 0.42 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.78 0.32 0.00	26.84 0.37 0.00	26.89 0.32 0.00	27.41 0.35 0.00	35.38 0.49 0.00	37.90 0.49 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.18 0.27 0.00	26.56 0.26 0.00	26.12 0.23 0.00
ALCOA_RYNLDS___DRP 24188	32.74 0.45 0.00	31.04 0.43 0.00	28.22 0.36 0.00	27.85 0.36 0.00	27.37 0.35 0.00	28.42 0.36 0.00	31.99 0.38 0.00	34.81 0.48 0.00	33.91 0.44 0.00	33.03 0.42 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.78 0.32 0.00	26.84 0.37 0.00	26.89 0.32 0.00	27.41 0.35 0.00	35.38 0.49 0.00	37.90 0.49 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.18 0.27 0.00	26.56 0.26 0.00	26.12 0.23 0.00
ALCOA___DSASP 323711	32.74 0.45 0.00	31.04 0.43 0.00	28.25 0.39 0.00	27.85 0.36 0.00	27.37 0.35 0.00	28.42 0.36 0.00	32.02 0.41 0.00	34.81 0.48 0.00	33.90 0.43 0.00	33.03 0.42 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.78 0.32 0.00	26.84 0.37 0.00	26.89 0.32 0.00	27.41 0.35 0.00	35.35 0.45 0.00	37.90 0.49 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.18 0.27 0.00	26.56 0.26 0.00	26.12 0.23 0.00
ALLEGHENY___COGEN 23514	32.74 0.45 0.00	30.82 0.22 0.00	28.08 0.22 0.00	27.69 0.19 0.00	27.45 0.43 0.00	28.65 0.59 0.00	32.09 0.47 0.00	34.81 0.48 0.00	33.87 0.40 0.00	33.00 0.39 0.00	27.80 0.78 0.00	27.48 0.59 0.00	26.83 0.37 0.00	26.74 0.26 0.00	26.94 0.37 0.00	27.60 0.54 0.00	35.38 0.49 0.00	37.86 0.45 0.00	32.72 0.83 0.00	31.02 0.78 0.00	29.38 0.88 0.00	27.66 0.75 0.00	26.93 0.63 0.00	26.50 0.62 0.00
ALTAMONT_115KV_TB 2 55880	33.10 0.81 0.00	31.40 0.80 0.00	28.58 0.72 0.00	28.24 0.74 0.00	27.67 0.65 0.00	28.73 0.67 0.00	32.40 0.79 0.00	35.15 0.82 0.00	34.21 0.74 0.00	33.33 0.72 0.00	27.47 0.46 0.00	27.34 0.46 0.00	26.94 0.48 0.00	26.95 0.48 0.00	27.07 0.50 0.00	27.55 0.49 0.00	35.66 0.77 0.00	38.27 0.86 0.00	32.53 0.64 0.00	30.84 0.60 0.00	29.06 0.57 0.00	27.47 0.57 0.00	26.85 0.55 0.00	26.35 0.47 0.00
ALTONA_WT_PWR 323606	33.36 1.06 0.00	31.59 0.98 0.00	28.75 0.89 0.00	28.32 0.82 0.00	27.86 0.84 0.00	28.95 0.90 0.00	32.62 1.01 0.00	35.49 1.17 0.00	34.57 1.10 0.00	33.68 1.07 0.00	27.90 0.89 0.00	27.74 0.86 0.00	27.31 0.85 0.00	27.37 0.90 0.00	27.39 0.82 0.00	27.95 0.89 0.00	36.05 1.15 0.00	38.64 1.23 0.00	32.98 1.09 0.00	31.20 0.97 0.00	29.38 0.88 0.00	27.69 0.78 0.00	27.01 0.71 0.00	26.55 0.67 0.00
AMERICAN_REF_FUEL 24010	29.81 -2.49 0.00	28.10 -2.51 0.00	25.66 -2.20 0.00	25.29 -2.20 0.00	25.10 -1.92 0.00	26.20 -1.85 0.00	28.86 -2.75 0.00	30.93 -3.40 0.00	30.12 -3.35 0.00	29.67 -2.93 0.00	25.42 -1.59 0.00	25.24 -1.64 0.00	24.90 -1.56 0.00	24.75 -1.72 0.00	24.84 -1.73 0.00	25.19 -1.87 0.00	31.69 -3.21 0.00	33.67 -3.74 0.00	29.31 -2.58 0.00	27.85 -2.39 0.00	26.53 -1.97 0.00	25.05 -1.86 0.00	24.56 -1.74 0.00	24.30 -1.58 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.26 -1.03 0.00	29.45 -1.16 0.00	26.83 -1.03 0.00	26.48 -1.02 0.00	26.24 -0.78 0.00	27.41 -0.64 0.00	30.48 -1.14 0.00	32.78 -1.54 0.00	31.97 -1.51 0.00	31.34 -1.27 0.00	26.74 -0.27 0.00	26.51 -0.38 0.00	26.07 -0.40 0.00	25.84 -0.64 0.00	25.90 -0.66 0.00	26.30 -0.76 0.00	33.29 -1.60 0.00	35.39 -2.02 0.00	30.75 -1.15 0.00	29.15 -1.09 0.00	27.78 -0.71 0.00	26.26 -0.65 0.00	25.67 -0.63 0.00	25.42 -0.47 0.00
ARTHUR KILL_GT_1 23520	34.40 2.10 -0.01	32.44 1.84 0.00	29.56 1.70 0.00	29.12 1.62 0.00	28.50 1.49 0.00	29.51 1.46 0.00	33.19 1.58 0.00	35.97 1.65 0.00	35.08 1.61 0.00	34.21 1.60 0.00	27.97 0.97 0.01	27.95 1.08 0.01	27.59 1.14 0.01	27.56 1.09 0.00	27.74 1.17 0.00	28.09 1.03 0.00	36.71 1.81 0.00	39.40 1.98 -0.01	53.13 1.69 -19.55	31.91 1.66 -0.01	29.72 1.22 0.00	28.15 1.24 0.00	27.67 1.37 0.00	27.10 1.22 0.00
ARTHUR_KILL_2 23512	34.30 2.00 -0.01	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.42 1.40 0.00	29.43 1.37 0.00	33.10 1.49 0.00	35.91 1.58 0.00	34.98 1.51 0.00	34.11 1.50 0.00	27.89 0.89 0.01	27.90 1.02 0.01	27.51 1.06 0.01	27.50 1.03 0.00	27.66 1.09 0.00	28.03 0.97 0.00	36.61 1.71 0.00	39.29 1.87 -0.01	53.01 1.56 -19.55	31.79 1.54 -0.01	29.63 1.14 0.00	28.07 1.16 0.00	27.56 1.26 0.00	27.02 1.14 0.00
ARTHUR_KILL_3 23513	33.84 1.55 0.00	32.02 1.41 0.00	29.14 1.28 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.32 1.26 0.00	33.10 1.49 0.00	36.01 1.68 0.00	35.14 1.67 0.00	34.24 1.63 0.00	28.06 1.05 0.00	28.04 1.16 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.17 1.11 0.00	36.54 1.64 0.00	39.21 1.80 -0.01	53.03 1.59 -19.54	31.78 1.54 -0.01	29.72 1.22 0.00	28.07 1.16 0.00	27.38 1.08 0.00	26.76 0.88 0.00

ARTHUR_KILL_COGEN 323718	34.40 2.10 -0.01	32.44 1.84 0.00	29.56 1.70 0.00	29.12 1.62 0.00	28.50 1.49 0.00	29.51 1.46 0.00	33.19 1.58 0.00	35.97 1.65 0.00	35.08 1.61 0.00	34.21 1.60 0.00	27.97 0.97 0.01	27.95 1.08 0.01	27.59 1.14 0.01	27.56 1.09 0.00	27.74 1.17 0.00	28.09 1.03 0.00	36.71 1.81 0.00	39.40 1.98 -0.01	53.13 1.69 -19.55	31.91 1.66 -0.01	29.72 1.22 0.00	28.15 1.24 0.00	27.67 1.37 0.00	27.10 1.22 0.00
ASHOKAN____ 23654	34.49 2.20 0.00	32.75 2.14 0.00	29.78 1.92 0.00	29.39 1.90 0.00	28.83 1.81 0.00	29.88 1.82 0.00	33.73 2.12 0.00	36.49 2.16 0.00	35.45 1.97 0.00	34.34 1.73 0.00	28.04 1.03 0.00	27.82 0.94 0.00	27.33 0.87 0.00	27.30 0.82 0.00	27.55 0.98 0.00	28.28 1.22 0.00	36.88 1.99 0.00	39.69 2.28 0.00	33.71 1.82 0.00	31.87 1.63 0.00	29.89 1.40 0.00	28.39 1.48 0.00	27.67 1.37 0.00	27.10 1.22 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.81 1.52 0.00	31.95 1.35 0.01	29.19 1.34 0.00	28.76 1.27 0.00	28.18 1.16 0.00	29.23 1.18 0.01	32.96 1.36 0.01	35.86 1.55 0.01	35.04 1.57 0.01	34.13 1.53 0.01	28.03 1.03 0.01	28.01 1.13 0.01	27.59 1.14 0.01	27.58 1.11 0.01	27.73 1.17 0.01	28.14 1.08 0.01	36.49 1.61 0.01	39.16 1.76 0.01	33.48 1.59 0.01	31.74 1.51 0.01	29.68 1.20 0.01	28.01 1.10 0.01	27.35 1.05 0.01	26.79 0.91 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.81 1.52 0.00	31.95 1.35 0.01	29.19 1.34 0.00	28.76 1.27 0.00	28.18 1.16 0.00	29.23 1.18 0.01	32.96 1.36 0.01	35.86 1.55 0.01	35.04 1.57 0.01	34.13 1.53 0.01	28.03 1.03 0.01	28.01 1.13 0.01	27.59 1.14 0.01	27.58 1.11 0.01	27.73 1.17 0.01	28.14 1.08 0.01	36.49 1.61 0.01	39.16 1.76 0.01	33.48 1.59 0.01	31.74 1.51 0.01	29.68 1.20 0.01	28.01 1.10 0.01	27.35 1.05 0.01	26.79 0.91 0.00
ASTORIA_GT2_1 24094	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT2_2 24095	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT2_3 24096	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT2_4 24097	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT3_1 24098	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT3_2 24099	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT3_3 24100	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT3_4 24101	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT4_1 24102	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT4_2 24103	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT4_3 24104	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00

ASTORIA_GT4_4 24105	33.87 1.58 0.00	31.92 1.32 0.00	29.17 1.31 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.92 1.04 0.00
ASTORIA_GT_1 23523	33.87 1.58 0.00	32.01 1.41 0.01	29.25 1.39 0.00	28.81 1.32 0.00	28.24 1.22 0.00	29.28 1.23 0.01	33.06 1.45 0.01	35.97 1.65 0.01	35.14 1.67 0.01	34.20 1.60 0.01	28.09 1.08 0.01	28.06 1.18 0.01	27.67 1.22 0.01	27.66 1.19 0.01	27.81 1.25 0.01	28.19 1.14 0.01	36.56 1.67 0.01	39.27 1.87 0.01	33.54 1.66 0.01	31.80 1.57 0.01	29.74 1.25 0.01	28.06 1.16 0.01	27.42 1.13 0.01	26.84 0.96 0.00
ASTORIA_GT_10 24110	34.07 1.78 0.00	32.11 1.50 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
ASTORIA_GT_11 24225	34.07 1.78 0.00	32.11 1.50 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
ASTORIA_GT_12 24226	34.07 1.78 0.00	32.11 1.50 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
ASTORIA_GT_13 24227	34.07 1.78 0.00	32.11 1.50 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
ASTORIA_GT_5 24106	33.94 1.65 0.00	31.99 1.38 0.00	29.19 1.34 0.00	28.79 1.29 0.00	28.21 1.19 0.00	29.32 1.26 0.00	33.04 1.42 0.00	35.91 1.58 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.68 1.22 0.00	27.66 1.19 0.00	27.82 1.25 0.00	28.20 1.14 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.55 1.66 0.00	31.81 1.57 0.00	29.74 1.25 0.00	28.20 1.29 0.00	27.51 1.21 0.00	26.97 1.09 0.00
ASTORIA_GT_7 24107	33.94 1.65 0.00	31.99 1.38 0.00	29.19 1.34 0.00	28.79 1.29 0.00	28.21 1.19 0.00	29.32 1.26 0.00	33.04 1.42 0.00	35.91 1.58 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.68 1.22 0.00	27.66 1.19 0.00	27.82 1.25 0.00	28.20 1.14 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.55 1.66 0.00	31.81 1.57 0.00	29.74 1.25 0.00	28.20 1.29 0.00	27.51 1.21 0.00	26.97 1.09 0.00
ASTORIA_GT_8 24108	33.94 1.65 0.00	31.99 1.38 0.00	29.19 1.34 0.00	28.79 1.29 0.00	28.21 1.19 0.00	29.32 1.26 0.00	33.04 1.42 0.00	35.91 1.58 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.68 1.22 0.00	27.66 1.19 0.00	27.82 1.25 0.00	28.20 1.14 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.55 1.66 0.00	31.81 1.57 0.00	29.74 1.25 0.00	28.20 1.29 0.00	27.51 1.21 0.00	26.97 1.09 0.00
ASTORIA___2 24149	33.84 1.55 0.00	31.98 1.38 0.01	29.19 1.34 0.00	28.76 1.27 0.00	28.18 1.16 0.00	29.23 1.18 0.01	32.99 1.39 0.01	35.90 1.58 0.01	35.07 1.61 0.01	34.13 1.53 0.01	28.03 1.03 0.01	28.03 1.16 0.01	27.62 1.16 0.01	27.60 1.14 0.01	27.76 1.20 0.01	28.14 1.08 0.01	36.53 1.64 0.01	39.20 1.80 0.01	33.48 1.59 0.01	31.74 1.51 0.01	29.68 1.20 0.01	28.01 1.10 0.01	27.37 1.08 0.01	26.79 0.91 0.00
ASTORIA___3 23516	34.00 1.71 0.00	32.17 1.56 0.00	29.30 1.45 0.00	28.90 1.40 0.00	28.32 1.30 0.00	29.40 1.35 0.00	33.16 1.55 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.30 1.69 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.67 1.78 0.00	39.35 1.94 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.15 1.24 0.00	27.51 1.21 0.00	26.89 1.01 0.00
ASTORIA___4 23517	34.07 1.78 0.00	32.11 1.50 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
ASTORIA___5 23518	34.00 1.71 0.00	32.17 1.56 0.00	29.30 1.45 0.00	28.90 1.40 0.00	28.32 1.30 0.00	29.40 1.35 0.00	33.16 1.55 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.30 1.69 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.67 1.78 0.00	39.35 1.94 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.15 1.24 0.00	27.51 1.21 0.00	26.89 1.01 0.00
AST_ENERGY_2_CC3 323677	34.00 1.71 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.12 1.11 0.00	28.10 1.21 0.00	27.68 1.22 0.00	27.67 1.19 0.00	27.82 1.25 0.00	28.22 1.16 0.00	36.61 1.71 0.00	39.28 1.87 0.00	33.55 1.66 0.00	31.81 1.57 0.00	29.77 1.28 0.00	28.12 1.21 0.00	27.46 1.16 0.00	26.84 0.96 0.00
AST_ENERGY_2_CC4 323678	34.00 1.71 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.12 1.11 0.00	28.10 1.21 0.00	27.68 1.22 0.00	27.67 1.19 0.00	27.82 1.25 0.00	28.22 1.16 0.00	36.61 1.71 0.00	39.28 1.87 0.00	33.55 1.66 0.00	31.81 1.57 0.00	29.77 1.28 0.00	28.12 1.21 0.00	27.46 1.16 0.00	26.84 0.96 0.00

ATHENS_STG_1 23668	33.29 1.00 0.00	31.56 0.95 0.00	28.72 0.86 0.00	28.35 0.85 0.00	27.80 0.78 0.00	28.87 0.81 0.00	32.56 0.95 0.00	35.35 1.03 0.00	34.47 1.00 0.00	33.55 0.95 0.00	27.63 0.62 0.00	27.56 0.67 0.00	27.12 0.66 0.00	27.14 0.66 0.00	27.26 0.69 0.00	27.74 0.68 0.00	35.91 1.01 0.00	38.53 1.12 0.00	32.79 0.89 0.00	31.08 0.85 0.00	29.26 0.77 0.00	27.64 0.73 0.00	26.98 0.68 0.00	26.45 0.57 0.00
ATHENS_STG_2 23670	33.29 1.00 0.00	31.56 0.95 0.00	28.72 0.86 0.00	28.35 0.85 0.00	27.80 0.78 0.00	28.87 0.81 0.00	32.56 0.95 0.00	35.35 1.03 0.00	34.47 1.00 0.00	33.55 0.95 0.00	27.63 0.62 0.00	27.56 0.67 0.00	27.12 0.66 0.00	27.14 0.66 0.00	27.26 0.69 0.00	27.74 0.68 0.00	35.91 1.01 0.00	38.53 1.12 0.00	32.79 0.89 0.00	31.08 0.85 0.00	29.26 0.77 0.00	27.64 0.73 0.00	26.98 0.68 0.00	26.45 0.57 0.00
ATHENS_STG_3 23677	33.29 1.00 0.00	31.56 0.95 0.00	28.72 0.86 0.00	28.35 0.85 0.00	27.80 0.78 0.00	28.87 0.81 0.00	32.56 0.95 0.00	35.35 1.03 0.00	34.47 1.00 0.00	33.55 0.95 0.00	27.63 0.62 0.00	27.56 0.67 0.00	27.12 0.66 0.00	27.14 0.66 0.00	27.26 0.69 0.00	27.74 0.68 0.00	35.91 1.01 0.00	38.53 1.12 0.00	32.79 0.89 0.00	31.08 0.85 0.00	29.26 0.77 0.00	27.64 0.73 0.00	26.98 0.68 0.00	26.45 0.57 0.00
AUBURN___LFGE 323710	31.90 -0.39 0.00	30.27 -0.34 0.00	27.58 -0.28 0.00	27.19 -0.30 0.00	26.80 -0.22 0.00	27.83 -0.22 0.00	31.36 -0.25 0.00	34.09 -0.24 0.00	33.27 -0.20 0.00	32.45 -0.16 0.00	27.01 0.00 0.00	26.88 0.00 0.00	26.38 -0.08 0.00	26.39 -0.08 0.00	26.46 -0.11 0.00	27.01 -0.05 0.00	34.65 -0.24 0.00	37.11 -0.30 0.00	31.83 -0.06 0.00	30.15 -0.09 0.00	28.46 -0.03 0.00	26.83 -0.08 0.00	26.19 -0.11 0.00	25.81 -0.08 0.00
BABYLON_RES_REC 323704	47.46 2.71 -12.46	46.00 2.51 -12.88	41.58 2.26 -11.47	37.90 2.20 -8.20	39.41 2.11 -10.28	41.81 2.25 -11.51	42.40 2.59 -8.19	47.47 2.85 -10.29	49.12 2.81 -12.84	41.79 2.64 -6.54	34.51 1.95 -5.55	33.47 1.99 -4.59	32.87 1.99 -4.42	32.95 1.96 -4.52	33.81 2.02 -5.22	34.54 2.03 -5.45	41.67 2.86 -3.91	53.25 3.14 -12.69	47.05 2.74 -12.42	42.58 2.54 -9.80	39.38 2.25 -8.64	38.67 2.13 -9.64	34.99 2.00 -6.69	33.51 1.81 -5.82
BABYLON__69_KV_BK2 356345	47.98 3.23 -12.46	46.40 2.91 -12.88	41.92 2.59 -11.47	38.23 2.53 -8.20	39.76 2.46 -10.28	42.17 2.61 -11.51	42.78 2.97 -8.19	47.88 3.26 -10.29	49.52 3.21 -12.84	42.15 3.00 -6.54	34.91 2.35 -5.55	33.79 2.31 -4.59	33.21 2.33 -4.42	33.29 2.30 -4.52	34.18 2.39 -5.22	34.90 2.38 -5.45	42.16 3.35 -3.91	53.81 3.70 -12.69	47.53 3.22 -12.42	43.03 2.99 -9.80	39.78 2.65 -8.64	39.13 2.58 -9.64	35.43 2.45 -6.69	33.95 2.25 -5.82
BALL_HILL_WT_PWR 323825	31.06 -1.23 0.00	29.29 -1.32 0.00	26.74 -1.12 0.00	26.37 -1.13 0.00	26.18 -0.84 0.00	27.30 -0.76 0.00	30.29 -1.33 0.00	32.58 -1.75 0.00	31.73 -1.74 0.00	31.11 -1.50 0.00	26.61 -0.40 0.00	26.40 -0.48 0.00	26.01 -0.45 0.00	25.81 -0.66 0.00	25.90 -0.66 0.00	26.30 -0.76 0.00	33.22 -1.67 0.00	35.35 -2.06 0.00	30.72 -1.18 0.00	29.12 -1.12 0.00	27.72 -0.77 0.00	26.21 -0.70 0.00	25.62 -0.68 0.00	25.29 -0.59 0.00
BARON_WINDS___WT_PWR 323822	31.71 -0.58 0.00	29.93 -0.67 0.00	27.30 -0.56 0.00	26.92 -0.58 0.00	26.64 -0.38 0.00	27.75 -0.31 0.00	30.98 -0.63 0.00	33.50 -0.82 0.00	32.60 -0.87 0.00	31.89 -0.72 0.00	26.96 -0.05 0.00	26.78 -0.11 0.00	26.30 -0.16 0.00	26.18 -0.29 0.00	26.30 -0.27 0.00	26.79 -0.27 0.00	34.02 -0.87 0.00	36.29 -1.12 0.00	31.32 -0.57 0.00	29.69 -0.54 0.00	28.18 -0.31 0.00	26.61 -0.30 0.00	25.96 -0.34 0.00	25.60 -0.28 0.00
BARRETT_IC_1 23704	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_10 23701	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_11 23702	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_12 23703	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_2 23705	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_3 23706	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_4 23707	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82

BARRETT_IC_5 23708	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_6 23709	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_7 23710	46.81 2.07 -12.45	45.32 1.84 -12.87	41.03 1.70 -11.47	37.40 1.70 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.70 1.90 -8.19	46.67 2.06 -10.29	48.35 2.04 -12.83	41.20 2.05 -6.54	34.08 1.51 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.87 -9.80	38.72 1.60 -8.64	38.14 1.59 -9.64	34.54 1.55 -6.69	33.13 1.42 -5.82
BARRETT_IC_8 23711	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT_IC_9 23700	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT___1 23545	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BARRETT___2 23546	46.75 2.00 -12.45	45.35 1.87 -12.87	41.06 1.73 -11.47	37.43 1.73 -8.20	38.92 1.62 -10.28	41.24 1.68 -11.50	41.73 1.93 -8.19	46.71 2.09 -10.29	48.38 2.08 -12.83	41.17 2.02 -6.54	34.02 1.46 -5.55	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.00 1.49 -5.45	40.86 2.06 -3.91	52.35 2.24 -12.69	46.25 1.95 -12.41	41.91 1.88 -9.80	38.72 1.59 -8.64	38.05 1.51 -9.64	34.46 1.47 -6.69	33.02 1.32 -5.82
BATAVIA___115KV_TB1 55881	30.84 -1.45 0.00	29.35 -1.25 0.00	26.74 -1.11 0.00	26.37 -1.13 0.00	26.18 -0.84 0.00	27.19 -0.87 0.00	30.25 -1.36 0.00	32.68 -1.65 0.00	31.90 -1.57 0.00	31.11 -1.50 0.00	26.36 -0.65 0.00	26.37 -0.51 0.00	25.80 -0.66 0.00	25.81 -0.66 0.00	25.80 -0.77 0.00	26.38 -0.68 0.00	33.40 -1.50 0.00	35.61 -1.80 0.00	30.91 -0.99 0.00	29.33 -0.91 0.00	27.86 -0.63 0.00	26.24 -0.67 0.00	25.75 -0.55 0.00	25.37 -0.52 0.00
BAYONEEC___CTG1 323682	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG10 323750	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG2 323683	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG3 323684	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG4 323685	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG5 323686	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG6 323687	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00

BAYONEEC___CTG7 323688	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG8 323689	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BAYONEEC___CTG9 323749	34.00 1.71 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.84 1.28 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00
BEACON___LESR 323632	33.33 1.03 0.00	31.77 1.16 0.00	29.00 1.14 0.00	28.62 1.13 0.00	28.07 1.05 0.00	29.12 1.07 0.00	32.84 1.23 0.00	35.63 1.30 0.00	34.57 1.10 0.00	33.62 1.01 0.00	27.66 0.65 0.00	27.53 0.64 0.00	27.12 0.66 0.00	27.11 0.63 0.00	27.23 0.66 0.00	27.74 0.68 0.00	35.98 1.08 0.00	38.64 1.23 0.00	32.79 0.89 0.00	31.05 0.82 0.00	29.26 0.77 0.00	27.64 0.73 0.00	26.98 0.68 0.00	26.43 0.54 0.00
BEAVER RIVER___HYD 24048	32.10 -0.19 0.00	30.40 -0.21 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	26.83 -0.19 0.00	27.92 -0.14 0.00	31.58 -0.03 0.00	34.39 0.07 0.00	33.54 0.07 0.00	32.61 0.00 0.00	27.01 0.00 0.00	26.78 -0.11 0.00	26.33 -0.13 0.00	26.39 -0.08 0.00	26.46 -0.11 0.00	27.09 0.03 0.00	34.86 -0.03 0.00	37.22 -0.19 0.00	31.70 -0.19 0.00	30.27 0.03 0.00	28.46 -0.03 0.00	26.75 -0.16 0.00	26.06 -0.24 0.00	25.60 -0.28 0.00
BEEBEE_GT_13 23619	30.90 -1.39 0.00	29.38 -1.22 0.00	26.77 -1.09 0.00	26.40 -1.10 0.00	26.13 -0.89 0.00	27.13 -0.93 0.00	30.32 -1.30 0.00	32.82 -1.51 0.00	32.03 -1.44 0.00	31.27 -1.34 0.00	26.31 -0.70 0.00	26.27 -0.62 0.00	25.75 -0.71 0.00	25.76 -0.71 0.00	25.77 -0.80 0.00	26.33 -0.73 0.00	33.50 -1.40 0.00	35.80 -1.61 0.00	30.91 -0.99 0.00	29.33 -0.91 0.00	27.75 -0.74 0.00	26.18 -0.73 0.00	25.64 -0.66 0.00	25.29 -0.60 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.49 2.20 0.00	32.44 1.84 0.00	29.58 1.73 0.00	29.14 1.65 0.00	28.56 1.54 0.00	29.65 1.60 0.00	33.38 1.77 0.00	36.25 1.92 0.00	35.41 1.94 0.00	34.56 1.96 0.00	28.44 1.43 0.00	28.31 1.42 0.00	27.94 1.48 0.00	27.90 1.43 0.00	28.08 1.51 0.00	28.44 1.38 0.00	37.06 2.16 0.00	39.78 2.36 -0.01	82.81 2.07 -48.84	32.22 1.97 -0.01	30.03 1.54 0.00	28.55 1.64 0.00	27.90 1.60 0.00	27.31 1.42 0.00
BETHLEHEM___GRP 23843	32.71 0.42 0.00	31.22 0.61 0.00	28.50 0.64 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.62 0.56 0.00	32.21 0.60 0.00	34.91 0.58 0.00	33.81 0.33 0.00	32.90 0.29 0.00	27.09 0.08 0.00	26.97 0.08 0.00	26.59 0.13 0.00	26.58 0.11 0.00	26.73 0.16 0.00	27.17 0.11 0.00	35.18 0.28 0.00	37.78 0.37 0.00	32.05 0.16 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.10 0.19 0.00	26.46 0.16 0.00	25.96 0.08 0.00
BETHLEHEM___GS1 323560	32.68 0.39 0.00	31.22 0.61 0.00	28.52 0.67 0.00	28.18 0.69 0.00	27.64 0.62 0.00	28.62 0.56 0.00	32.21 0.60 0.00	34.94 0.62 0.00	33.84 0.37 0.00	32.90 0.29 0.00	27.07 0.05 0.00	26.97 0.08 0.00	26.57 0.11 0.00	26.58 0.11 0.00	26.70 0.13 0.00	27.17 0.11 0.00	35.17 0.28 0.00	37.78 0.37 0.00	32.05 0.16 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.07 0.16 0.00	26.43 0.13 0.00	25.91 0.03 0.00
BETHLEHEM___GS2 323561	32.68 0.39 0.00	31.22 0.61 0.00	28.52 0.67 0.00	28.18 0.69 0.00	27.64 0.62 0.00	28.62 0.56 0.00	32.21 0.60 0.00	34.94 0.62 0.00	33.84 0.37 0.00	32.90 0.29 0.00	27.07 0.05 0.00	26.97 0.08 0.00	26.57 0.11 0.00	26.58 0.11 0.00	26.70 0.13 0.00	27.17 0.11 0.00	35.17 0.28 0.00	37.78 0.37 0.00	32.05 0.16 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.07 0.16 0.00	26.43 0.13 0.00	25.91 0.03 0.00
BETHLEHEM___GS3 323562	32.68 0.39 0.00	31.22 0.61 0.00	28.52 0.67 0.00	28.18 0.69 0.00	27.64 0.62 0.00	28.62 0.56 0.00	32.21 0.60 0.00	34.94 0.62 0.00	33.84 0.37 0.00	32.90 0.29 0.00	27.07 0.05 0.00	26.97 0.08 0.00	26.57 0.11 0.00	26.58 0.11 0.00	26.70 0.13 0.00	27.17 0.11 0.00	35.17 0.28 0.00	37.78 0.37 0.00	32.05 0.16 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.07 0.16 0.00	26.43 0.13 0.00	25.91 0.03 0.00
BETHLEHEM___STEEL 23779	30.68 -1.61 0.00	29.26 -1.35 0.00	26.66 -1.20 0.00	26.26 -1.24 0.00	26.13 -0.89 0.00	27.07 -0.98 0.00	30.03 -1.58 0.00	32.44 -1.89 0.00	31.60 -1.87 0.00	30.85 -1.76 0.00	26.28 -0.73 0.00	26.35 -0.54 0.00	25.80 -0.66 0.00	25.79 -0.69 0.00	25.77 -0.80 0.00	26.28 -0.78 0.00	33.12 -1.78 0.00	35.24 -2.17 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.67 -0.83 0.00	26.13 -0.78 0.00	25.70 -0.60 0.00	25.26 -0.62 0.00
BETHLHEM_115KV_TB1 79974	32.81 0.52 0.00	31.25 0.64 0.00	28.53 0.67 0.00	28.18 0.69 0.00	27.61 0.59 0.00	28.64 0.59 0.00	32.25 0.63 0.00	34.94 0.62 0.00	33.87 0.40 0.00	33.00 0.39 0.00	27.17 0.16 0.00	27.05 0.16 0.00	26.67 0.21 0.00	26.66 0.19 0.00	26.78 0.21 0.00	27.25 0.19 0.00	35.28 0.38 0.00	37.90 0.49 0.00	32.15 0.26 0.00	30.48 0.24 0.00	28.72 0.23 0.00	27.18 0.27 0.00	26.54 0.24 0.00	26.04 0.16 0.00
BETHPAGE_CC_5 323564	47.11 2.36 -12.46	45.69 2.21 -12.88	41.34 2.01 -11.47	37.68 1.98 -8.20	39.16 1.86 -10.28	41.53 1.96 -11.51	42.08 2.28 -8.19	47.12 2.50 -10.29	48.79 2.48 -12.84	41.53 2.38 -6.54	34.32 1.75 -5.55	33.28 1.80 -4.59	32.68 1.80 -4.42	32.76 1.77 -4.52	33.62 1.83 -5.22	34.33 1.81 -5.45	41.32 2.51 -3.91	52.83 2.73 -12.69	46.70 2.39 -12.41	42.28 2.24 -9.80	39.09 1.96 -8.64	38.40 1.86 -9.64	34.83 1.84 -6.69	33.36 1.66 -5.82
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.84 -1.45 0.00	29.38 -1.22 0.00	26.77 -1.09 0.00	26.40 -1.10 0.00	26.24 -0.78 0.00	27.21 -0.84 0.00	30.19 -1.42 0.00	32.68 -1.65 0.00	31.83 -1.64 0.00	31.04 -1.57 0.00	26.44 -0.57 0.00	26.51 -0.38 0.00	25.96 -0.50 0.00	25.92 -0.56 0.00	25.90 -0.66 0.00	26.44 -0.62 0.00	33.33 -1.57 0.00	35.46 -1.95 0.00	30.84 -1.05 0.00	29.24 -1.00 0.00	27.84 -0.66 0.00	26.29 -0.62 0.00	25.83 -0.47 0.00	25.39 -0.49 0.00

BINGHAMTON___COGEN 23790	32.20 -0.10 0.00	30.55 -0.06 0.00	27.80 -0.06 0.00	27.44 -0.05 0.00	27.07 0.05 0.00	28.08 0.03 0.00	31.58 -0.03 0.00	34.33 0.00 0.00	33.44 -0.03 0.00	32.61 0.00 0.00	27.17 0.16 0.00	27.07 0.19 0.00	26.59 0.13 0.00	26.58 0.11 0.00	26.65 0.08 0.00	27.20 0.14 0.00	34.86 -0.03 0.00	37.34 -0.07 0.00	31.99 0.10 0.00	30.33 0.09 0.00	28.63 0.14 0.00	27.04 0.13 0.00	26.41 0.11 0.00	25.99 0.10 0.00
BIXINCNT_115KV_LOAD 355685	31.26 -1.03 0.00	29.78 -0.83 0.00	27.08 -0.78 0.00	26.73 -0.77 0.00	26.61 -0.41 0.00	27.61 -0.45 0.00	30.66 -0.95 0.00	33.43 -0.89 0.00	32.57 -0.90 0.00	31.76 -0.85 0.00	26.96 -0.05 0.00	26.86 -0.03 0.00	26.28 -0.19 0.00	26.16 -0.32 0.00	26.12 -0.45 0.00	26.76 -0.30 0.00	33.92 -0.98 0.00	36.10 -1.31 0.00	31.35 -0.54 0.00	29.69 -0.54 0.00	28.26 -0.23 0.00	26.72 -0.19 0.00	26.22 -0.08 0.00	25.68 -0.21 0.00
BLACK RIVER___HYD 24047	31.97 -0.32 0.00	30.21 -0.40 0.00	27.49 -0.36 0.00	27.11 -0.38 0.00	26.70 -0.32 0.00	27.75 -0.31 0.00	31.46 -0.16 0.00	34.22 -0.10 0.00	33.37 -0.10 0.00	32.41 -0.19 0.00	26.90 -0.11 0.00	26.62 -0.27 0.00	26.22 -0.24 0.00	26.32 -0.16 0.00	26.35 -0.21 0.00	27.03 -0.03 0.00	34.93 0.03 0.00	37.22 -0.19 0.00	31.70 -0.19 0.00	30.21 -0.03 0.00	28.41 -0.09 0.00	26.67 -0.24 0.00	25.96 -0.34 0.00	25.52 -0.36 0.00
BLACKRVR_115KV_TB2 79977	31.94 -0.36 0.00	30.24 -0.37 0.00	27.50 -0.36 0.00	27.11 -0.38 0.00	26.70 -0.32 0.00	27.77 -0.28 0.00	31.46 -0.16 0.00	34.26 -0.07 0.00	33.37 -0.10 0.00	32.45 -0.16 0.00	26.90 -0.11 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.31 -0.16 0.00	26.35 -0.21 0.00	27.03 -0.03 0.00	34.90 0.00 0.00	37.22 -0.19 0.00	31.70 -0.19 0.00	30.21 -0.03 0.00	28.41 -0.09 0.00	26.64 -0.27 0.00	25.93 -0.37 0.00	25.47 -0.41 0.00
BLISS_WT_PWR 323608	31.49 -0.81 0.00	29.72 -0.89 0.00	27.05 -0.81 0.00	26.75 -0.74 0.00	26.56 -0.46 0.00	27.75 -0.31 0.00	30.76 -0.85 0.00	33.43 -0.89 0.00	32.57 -0.90 0.00	31.92 -0.69 0.00	27.17 0.16 0.00	26.83 -0.05 0.00	26.36 -0.11 0.00	26.10 -0.37 0.00	26.17 -0.40 0.00	26.74 -0.32 0.00	33.96 -0.94 0.00	36.06 -1.35 0.00	31.32 -0.57 0.00	29.69 -0.54 0.00	28.23 -0.26 0.00	26.72 -0.19 0.00	26.04 -0.26 0.00	25.57 -0.31 0.00
BLUESTONE___WT_PWR 323821	34.39 2.10 0.00	32.51 1.90 0.00	29.56 1.70 0.00	29.14 1.65 0.00	28.75 1.73 0.00	29.91 1.85 0.00	33.83 2.21 0.00	36.83 2.50 0.00	35.98 2.51 0.00	35.06 2.45 0.00	29.25 2.24 0.00	28.95 2.07 0.00	28.37 1.91 0.00	28.38 1.91 0.00	28.40 1.83 0.00	29.14 2.08 0.00	37.62 2.72 0.00	40.07 2.66 0.00	34.22 2.33 0.00	32.44 2.21 0.00	30.57 2.08 0.00	28.71 1.80 0.00	27.93 1.63 0.00	27.44 1.55 0.00
BLUE_CIRC_CHEM_DRP 24182	33.23 0.94 0.00	31.59 0.98 0.00	28.78 0.92 0.00	28.43 0.93 0.00	27.88 0.86 0.00	28.93 0.87 0.00	32.59 0.98 0.00	35.32 1.00 0.00	34.31 0.84 0.00	33.39 0.78 0.00	27.55 0.54 0.00	27.42 0.54 0.00	27.02 0.56 0.00	27.03 0.56 0.00	27.15 0.58 0.00	27.63 0.57 0.00	35.77 0.87 0.00	38.38 0.97 0.00	32.56 0.67 0.00	30.87 0.63 0.00	29.12 0.63 0.00	27.53 0.62 0.00	26.90 0.60 0.00	26.40 0.52 0.00
BOC_GAS_DRP 24189	32.97 0.68 0.00	31.28 0.67 0.00	28.50 0.64 0.00	28.13 0.63 0.00	27.59 0.57 0.00	28.64 0.59 0.00	32.28 0.66 0.00	35.01 0.69 0.00	34.07 0.60 0.00	33.16 0.55 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.83 0.37 0.00	26.84 0.37 0.00	26.97 0.40 0.00	27.44 0.38 0.00	35.49 0.59 0.00	38.08 0.67 0.00	32.37 0.48 0.00	30.69 0.45 0.00	28.92 0.43 0.00	27.34 0.43 0.00	26.72 0.42 0.00	26.22 0.34 0.00
BOONVILLE_115KV_TB1 79983	32.84 0.55 0.00	31.10 0.49 0.00	28.30 0.45 0.00	27.91 0.41 0.00	27.45 0.43 0.00	28.56 0.50 0.00	32.31 0.70 0.00	35.15 0.82 0.00	34.31 0.84 0.00	33.39 0.78 0.00	27.66 0.65 0.00	27.42 0.54 0.00	26.96 0.50 0.00	27.03 0.56 0.00	27.10 0.53 0.00	27.71 0.65 0.00	35.66 0.77 0.00	38.12 0.71 0.00	32.47 0.57 0.00	30.87 0.63 0.00	29.06 0.57 0.00	27.34 0.43 0.00	26.67 0.37 0.00	26.22 0.34 0.00
BORALEX_4TH_BRANCH 23824	33.81 1.52 0.00	31.99 1.38 0.00	29.03 1.17 0.00	28.70 1.21 0.00	27.99 0.97 0.00	29.07 1.01 0.00	32.88 1.26 0.00	35.66 1.34 0.00	34.78 1.31 0.00	33.85 1.24 0.00	27.90 0.89 0.00	27.74 0.86 0.00	27.39 0.93 0.00	27.43 0.95 0.00	27.58 1.01 0.00	27.98 0.92 0.00	36.26 1.36 0.00	39.09 1.68 0.00	33.01 1.12 0.00	31.33 1.09 0.00	29.60 1.11 0.00	27.96 1.05 0.00	27.33 1.03 0.00	26.79 0.91 0.00
BOWLINE___1 23526	33.65 1.36 0.00	31.86 1.26 0.00	29.00 1.14 0.00	28.62 1.13 0.00	28.07 1.05 0.00	29.15 1.09 0.00	32.94 1.33 0.00	35.80 1.48 0.00	34.94 1.47 0.00	33.98 1.37 0.00	27.93 0.92 0.00	27.85 0.97 0.00	27.41 0.95 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.03 0.97 0.00	36.33 1.43 0.00	38.98 1.57 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.57 1.08 0.00	27.93 1.02 0.00	27.25 0.95 0.00	26.69 0.80 0.00
BOWLINE___2 23595	33.65 1.36 0.00	31.86 1.26 0.00	29.00 1.14 0.00	28.62 1.13 0.00	28.07 1.05 0.00	29.15 1.09 0.00	32.94 1.33 0.00	35.80 1.48 0.00	34.94 1.47 0.00	33.98 1.37 0.00	27.93 0.92 0.00	27.85 0.97 0.00	27.41 0.95 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.03 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.57 1.08 0.00	27.93 1.02 0.00	27.25 0.95 0.00	26.69 0.80 0.00
BRADY___115KV_TB2 356060	32.87 0.58 0.00	31.13 0.52 0.00	28.30 0.45 0.00	27.93 0.44 0.00	27.45 0.43 0.00	28.53 0.48 0.00	32.15 0.54 0.00	34.98 0.65 0.00	34.11 0.64 0.00	33.20 0.59 0.00	27.50 0.49 0.00	27.34 0.46 0.00	26.89 0.42 0.00	26.95 0.48 0.00	26.99 0.43 0.00	27.58 0.51 0.00	35.63 0.73 0.00	38.08 0.67 0.00	32.47 0.57 0.00	30.78 0.54 0.00	28.98 0.48 0.00	27.29 0.38 0.00	26.62 0.32 0.00	26.17 0.28 0.00
BRANSCOMB___SOLAR 323811	33.62 1.32 0.00	31.89 1.29 0.00	29.00 1.14 0.00	28.62 1.13 0.00	28.05 1.03 0.00	29.15 1.09 0.00	32.94 1.33 0.00	35.80 1.48 0.00	34.91 1.44 0.00	33.91 1.31 0.00	27.96 0.94 0.00	27.82 0.94 0.00	27.44 0.98 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.09 1.03 0.00	36.43 1.53 0.00	39.09 1.68 0.00	33.11 1.21 0.00	31.39 1.15 0.00	29.60 1.11 0.00	28.20 1.29 0.00	27.51 1.21 0.00	26.94 1.06 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.88 3.13 -12.46	46.31 2.82 -12.88	41.84 2.51 -11.47	38.17 2.47 -8.20	39.68 2.38 -10.28	42.09 2.52 -11.51	42.65 2.85 -8.19	47.78 3.16 -10.29	49.39 3.08 -12.84	42.02 2.87 -6.54	34.78 2.21 -5.55	33.68 2.20 -4.59	33.11 2.22 -4.42	33.19 2.20 -4.52	34.05 2.26 -5.22	34.76 2.25 -5.45	41.95 3.14 -3.91	53.55 3.44 -12.69	47.31 3.00 -12.42	42.82 2.78 -9.80	39.58 2.45 -8.64	38.97 2.42 -9.64	35.25 2.26 -6.69	33.82 2.12 -5.82

BRISTLHL_115KV_TB1 79998	31.29 -1.00 0.00	29.66 -0.95 0.00	27.02 -0.84 0.00	26.64 -0.85 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.70 -0.92 0.00	33.36 -0.96 0.00	32.53 -0.94 0.00	31.76 -0.85 0.00	26.39 -0.62 0.00	26.27 -0.62 0.00	25.80 -0.66 0.00	25.81 -0.66 0.00	25.88 -0.69 0.00	26.38 -0.68 0.00	33.92 -0.98 0.00	36.33 -1.08 0.00	31.07 -0.83 0.00	29.45 -0.79 0.00	27.78 -0.71 0.00	26.21 -0.70 0.00	25.62 -0.68 0.00	25.29 -0.60 0.00
BROOKHAVEN___DRP 24191	47.85 3.10 -12.46	46.34 2.85 -12.88	41.86 2.54 -11.47	38.17 2.47 -8.20	39.70 2.40 -10.28	42.12 2.55 -11.51	42.68 2.88 -8.19	47.78 3.16 -10.29	49.42 3.11 -12.84	41.99 2.84 -6.54	34.83 2.27 -5.55	33.68 2.20 -4.59	33.11 2.22 -4.42	33.19 2.20 -4.52	34.05 2.26 -5.22	34.79 2.27 -5.45	42.02 3.21 -3.91	53.66 3.55 -12.69	47.40 3.09 -12.42	42.91 2.87 -9.80	39.66 2.54 -8.64	39.08 2.53 -9.64	35.33 2.34 -6.69	33.88 2.17 -5.82
BROOKLYN_NAVY_YARD 23515	34.00 1.71 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.22 1.61 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.23 1.22 0.00	28.20 1.32 0.00	27.78 1.32 0.00	27.77 1.30 0.00	27.90 1.33 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.89 1.40 0.00	28.20 1.29 0.00	27.54 1.24 0.00	26.92 1.04 0.00
BROOKLYN___ARMY_DRP 323595	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
BROOKVLE_69_KV_TB1 55790	47.17 2.42 -12.46	45.72 2.23 -12.88	41.34 2.01 -11.47	37.68 1.98 -8.20	39.19 1.89 -10.28	41.58 2.02 -11.50	42.11 2.31 -8.19	47.15 2.54 -10.29	48.85 2.54 -12.84	41.60 2.45 -6.54	34.45 1.89 -5.55	33.36 1.88 -4.59	32.79 1.91 -4.42	32.84 1.85 -4.52	33.70 1.91 -5.22	34.38 1.87 -5.45	41.35 2.55 -3.91	52.95 2.84 -12.69	46.76 2.46 -12.41	42.34 2.30 -9.80	39.21 2.08 -8.64	38.59 2.05 -9.64	34.91 1.92 -6.69	33.44 1.73 -5.82
BROOME_2_LFGE 323671	32.26 -0.03 0.00	30.55 -0.06 0.00	27.80 -0.06 0.00	27.44 -0.05 0.00	27.05 0.03 0.00	28.11 0.06 0.00	31.61 0.00 0.00	34.29 -0.03 0.00	33.44 -0.03 0.00	32.61 0.00 0.00	27.23 0.22 0.00	27.07 0.19 0.00	26.62 0.16 0.00	26.58 0.11 0.00	26.67 0.11 0.00	27.20 0.14 0.00	34.90 0.00 0.00	37.34 -0.07 0.00	31.99 0.10 0.00	30.33 0.09 0.00	28.63 0.14 0.00	27.02 0.11 0.00	26.35 0.05 0.00	25.99 0.10 0.00
BROOME___LFGE 323600	32.26 -0.03 0.00	30.55 -0.06 0.00	27.80 -0.06 0.00	27.44 -0.05 0.00	27.05 0.03 0.00	28.11 0.06 0.00	31.61 0.00 0.00	34.29 -0.03 0.00	33.44 -0.03 0.00	32.61 0.00 0.00	27.23 0.22 0.00	27.07 0.19 0.00	26.62 0.16 0.00	26.58 0.11 0.00	26.67 0.11 0.00	27.20 0.14 0.00	34.90 0.00 0.00	37.34 -0.07 0.00	31.99 0.10 0.00	30.33 0.09 0.00	28.63 0.14 0.00	27.02 0.11 0.00	26.35 0.05 0.00	25.99 0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	31.87 -0.42 0.00	30.15 -0.46 0.00	27.44 -0.42 0.00	27.05 -0.44 0.00	26.61 -0.41 0.00	27.66 -0.39 0.00	31.27 -0.35 0.00	34.02 -0.31 0.00	33.17 -0.30 0.00	32.28 -0.33 0.00	26.71 -0.30 0.00	26.51 -0.38 0.00	26.07 -0.40 0.00	26.16 -0.32 0.00	26.20 -0.37 0.00	26.79 -0.27 0.00	34.55 -0.35 0.00	36.92 -0.49 0.00	31.45 -0.45 0.00	29.90 -0.33 0.00	28.15 -0.34 0.00	26.48 -0.43 0.00	25.80 -0.50 0.00	25.34 -0.54 0.00
BROWNSV1_27_KV_LOAD 356125	34.33 2.03 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.06 1.57 0.00	28.51 1.49 0.00	29.65 1.60 0.00	33.42 1.80 0.00	36.35 2.03 0.00	35.51 2.04 0.00	34.63 2.02 0.00	28.50 1.49 0.00	28.36 1.48 0.00	27.97 1.51 0.00	27.93 1.46 0.00	28.11 1.54 0.00	28.50 1.43 0.00	36.99 2.09 0.00	39.69 2.28 0.00	33.90 2.01 0.00	32.14 1.90 0.00	30.09 1.60 0.00	28.50 1.59 0.00	27.80 1.50 0.00	27.20 1.32 0.00
BURROWS___LYONSDAL 23803	32.71 0.42 0.00	30.98 0.37 0.00	28.16 0.31 0.00	27.80 0.30 0.00	27.34 0.32 0.00	28.45 0.39 0.00	32.15 0.54 0.00	35.01 0.69 0.00	34.17 0.70 0.00	33.23 0.62 0.00	27.52 0.51 0.00	27.31 0.43 0.00	26.86 0.40 0.00	26.90 0.42 0.00	26.97 0.40 0.00	27.60 0.54 0.00	35.49 0.59 0.00	37.90 0.49 0.00	32.28 0.38 0.00	30.78 0.54 0.00	28.95 0.46 0.00	27.23 0.32 0.00	26.56 0.26 0.00	26.09 0.21 0.00
CAITHNESS_CC_1 323624	47.69 2.94 -12.46	46.27 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.62 2.32 -10.28	42.06 2.50 -11.51	42.65 2.85 -8.19	47.74 3.12 -10.29	49.36 3.05 -12.84	42.02 2.87 -6.54	34.70 2.13 -5.55	33.63 2.15 -4.59	33.03 2.14 -4.42	33.11 2.12 -4.52	33.97 2.18 -5.22	34.73 2.22 -5.45	41.91 3.10 -3.91	53.51 3.40 -12.69	47.31 3.00 -12.42	42.82 2.78 -9.80	39.58 2.45 -8.64	38.89 2.34 -9.64	35.17 2.18 -6.69	33.70 1.99 -5.82
CALPINE BETH_PAGE_GT4 24209	47.11 2.36 -12.46	45.60 2.11 -12.88	41.25 1.92 -11.47	37.57 1.87 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.51	41.98 2.18 -8.19	47.02 2.40 -10.29	48.69 2.38 -12.84	41.43 2.28 -6.54	34.32 1.76 -5.55	33.23 1.75 -4.59	32.66 1.77 -4.42	32.71 1.72 -4.52	33.59 1.81 -5.22	34.27 1.76 -5.45	41.25 2.44 -3.91	52.80 2.69 -12.69	46.67 2.36 -12.41	42.25 2.21 -9.80	39.07 1.94 -8.64	38.46 1.91 -9.64	34.83 1.84 -6.69	33.38 1.68 -5.82
CALPINE_BETH_PAGE_GT_4 323586	47.04 2.29 -12.46	45.63 2.14 -12.88	41.28 1.95 -11.47	37.59 1.90 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.51	42.02 2.21 -8.19	47.05 2.44 -10.29	48.72 2.41 -12.84	41.47 2.32 -6.54	34.27 1.70 -5.55	33.23 1.75 -4.59	32.63 1.75 -4.42	32.74 1.75 -4.52	33.57 1.78 -5.22	34.27 1.76 -5.45	41.28 2.48 -3.91	52.80 2.70 -12.69	46.67 2.36 -12.41	42.24 2.21 -9.80	39.07 1.94 -8.64	38.38 1.83 -9.64	34.75 1.76 -6.69	33.28 1.58 -5.82
CALPINE_BP_GT1 23823	47.04 2.29 -12.46	45.63 2.14 -12.88	41.28 1.95 -11.47	37.59 1.90 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.51	42.02 2.21 -8.19	47.05 2.44 -10.29	48.72 2.41 -12.84	41.47 2.32 -6.54	34.27 1.70 -5.55	33.23 1.75 -4.59	32.63 1.75 -4.42	32.74 1.75 -4.52	33.57 1.78 -5.22	34.27 1.76 -5.45	41.28 2.48 -3.91	52.80 2.70 -12.69	46.67 2.36 -12.41	42.24 2.21 -9.80	39.07 1.94 -8.64	38.38 1.83 -9.64	34.75 1.76 -6.69	33.28 1.58 -5.82
CALSPAN___DRP 24200	30.68 -1.61 0.00	29.26 -1.35 0.00	26.66 -1.20 0.00	26.26 -1.24 0.00	26.13 -0.89 0.00	27.07 -0.98 0.00	30.03 -1.58 0.00	32.44 -1.89 0.00	31.60 -1.87 0.00	30.85 -1.76 0.00	26.28 -0.73 0.00	26.35 -0.54 0.00	25.80 -0.66 0.00	25.79 -0.69 0.00	25.77 -0.80 0.00	26.28 -0.78 0.00	33.12 -1.78 0.00	35.24 -2.17 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.67 -0.83 0.00	26.13 -0.78 0.00	25.70 -0.60 0.00	25.26 -0.62 0.00

CALVERTON___SOLAR 323806	47.92 3.17 -12.46	46.46 2.97 -12.88	41.98 2.65 -11.47	38.31 2.61 -8.20	39.81 2.51 -10.28	42.23 2.67 -11.51	42.87 3.07 -8.19	47.98 3.37 -10.29	49.59 3.28 -12.84	42.21 3.06 -6.54	34.86 2.29 -5.55	33.82 2.34 -4.59	33.18 2.30 -4.42	33.27 2.28 -4.52	34.13 2.34 -5.22	34.90 2.38 -5.45	42.16 3.35 -3.91	53.85 3.74 -12.69	47.57 3.25 -12.42	43.06 3.02 -9.80	39.81 2.68 -8.64	39.11 2.56 -9.64	35.36 2.37 -6.69	33.88 2.17 -5.82
CANDIGU_WT_PWR 323617	31.71 -0.58 0.00	29.93 -0.67 0.00	27.30 -0.56 0.00	26.92 -0.58 0.00	26.64 -0.38 0.00	27.75 -0.31 0.00	30.98 -0.63 0.00	33.50 -0.82 0.00	32.60 -0.87 0.00	31.89 -0.72 0.00	26.96 -0.05 0.00	26.78 -0.11 0.00	26.30 -0.16 0.00	26.18 -0.29 0.00	26.30 -0.27 0.00	26.79 -0.27 0.00	34.02 -0.87 0.00	36.29 -1.12 0.00	31.32 -0.57 0.00	29.69 -0.54 0.00	28.18 -0.31 0.00	26.61 -0.30 0.00	25.96 -0.34 0.00	25.60 -0.28 0.00
CARR STREET_E_SYR 24060	31.39 -0.90 0.00	29.72 -0.89 0.00	27.08 -0.78 0.00	26.73 -0.77 0.00	26.35 -0.67 0.00	27.33 -0.73 0.00	30.76 -0.85 0.00	33.40 -0.93 0.00	32.57 -0.90 0.00	31.79 -0.81 0.00	26.58 -0.43 0.00	26.43 -0.46 0.00	26.01 -0.45 0.00	26.00 -0.48 0.00	26.09 -0.48 0.00	26.57 -0.49 0.00	33.99 -0.91 0.00	36.40 -1.01 0.00	31.13 -0.77 0.00	29.63 -0.60 0.00	28.03 -0.46 0.00	26.45 -0.46 0.00	25.88 -0.42 0.00	25.57 -0.31 0.00
CARTHAGE___PAPER 23857	32.00 -0.29 0.00	30.27 -0.34 0.00	27.55 -0.31 0.00	27.17 -0.33 0.00	26.75 -0.27 0.00	27.83 -0.23 0.00	31.52 -0.09 0.00	34.29 -0.03 0.00	33.44 -0.03 0.00	32.51 -0.10 0.00	26.93 -0.08 0.00	26.67 -0.22 0.00	26.22 -0.24 0.00	26.32 -0.16 0.00	26.38 -0.18 0.00	27.03 -0.03 0.00	34.86 -0.03 0.00	37.22 -0.19 0.00	31.70 -0.19 0.00	30.24 0.00 0.00	28.41 -0.09 0.00	26.69 -0.22 0.00	25.99 -0.31 0.00	25.52 -0.36 0.00
CASSADAGA_WT_PWR 323784	31.61 -0.68 0.00	29.75 -0.86 0.00	27.11 -0.75 0.00	26.78 -0.72 0.00	26.51 -0.51 0.00	27.66 -0.39 0.00	30.85 -0.76 0.00	33.19 -1.13 0.00	32.33 -1.14 0.00	31.70 -0.91 0.00	27.04 0.03 0.00	26.78 -0.11 0.00	26.30 -0.16 0.00	26.05 -0.42 0.00	26.09 -0.48 0.00	26.52 -0.54 0.00	33.61 -1.29 0.00	35.73 -1.68 0.00	31.03 -0.86 0.00	29.42 -0.81 0.00	28.06 -0.43 0.00	26.56 -0.35 0.00	25.96 -0.34 0.00	25.70 -0.18 0.00
CE_DUNWOOD___DRP 24194	33.94 1.65 0.00	32.05 1.44 0.00	29.17 1.31 0.00	28.79 1.29 0.00	28.24 1.22 0.00	29.35 1.29 0.00	33.10 1.49 0.00	35.97 1.65 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.20 1.14 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.77 1.28 0.00	28.20 1.29 0.00	27.48 1.18 0.00	26.92 1.04 0.00
CE_MILLWOOD___DRP 24193	33.87 1.58 0.00	31.99 1.38 0.00	29.11 1.25 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	33.04 1.42 0.00	35.91 1.58 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.09 1.08 0.00	27.96 1.08 0.00	27.57 1.11 0.00	27.53 1.06 0.00	27.71 1.14 0.00	28.14 1.08 0.00	36.47 1.57 0.00	39.17 1.76 0.00	33.43 1.53 0.00	31.69 1.45 0.00	29.72 1.23 0.00	28.15 1.24 0.00	27.43 1.13 0.00	26.87 0.98 0.00
CE_NYC2_DRP 24202	34.10 1.81 0.00	32.14 1.53 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.16 1.55 0.00	36.04 1.72 0.00	35.21 1.74 0.00	34.34 1.73 0.00	28.28 1.27 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.05 1.16 0.00
CE_NYC_DRP 24195	34.10 1.81 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.28 1.27 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.31 1.24 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.86 1.37 0.00	28.28 1.37 0.00	27.61 1.31 0.00	27.02 1.14 0.00
CHAFFEE___LFGE 323603	31.16 -1.13 0.00	29.38 -1.23 0.00	26.80 -1.06 0.00	26.45 -1.04 0.00	26.24 -0.78 0.00	27.38 -0.67 0.00	30.32 -1.30 0.00	32.64 -1.68 0.00	31.80 -1.67 0.00	31.24 -1.37 0.00	26.72 -0.30 0.00	26.51 -0.38 0.00	26.12 -0.34 0.00	25.94 -0.53 0.00	26.04 -0.53 0.00	26.44 -0.62 0.00	33.40 -1.50 0.00	35.54 -1.87 0.00	30.87 -1.02 0.00	29.27 -0.97 0.00	27.84 -0.65 0.00	26.32 -0.59 0.00	25.72 -0.58 0.00	25.37 -0.52 0.00
CHATEAUG_35_KV_LOAD 355732	33.16 0.87 0.00	31.40 0.80 0.00	28.58 0.72 0.00	28.15 0.66 0.00	27.67 0.65 0.00	28.78 0.73 0.00	32.40 0.79 0.00	35.29 0.96 0.00	34.37 0.90 0.00	33.46 0.85 0.00	27.71 0.70 0.00	27.58 0.70 0.00	27.12 0.66 0.00	27.21 0.74 0.00	27.26 0.69 0.00	27.82 0.76 0.00	35.91 1.01 0.00	38.46 1.05 0.00	32.85 0.96 0.00	31.08 0.85 0.00	29.26 0.77 0.00	27.56 0.65 0.00	26.90 0.60 0.00	26.45 0.57 0.00
CHATEAUG_WT_PWR 323614	33.13 0.84 0.00	31.37 0.77 0.00	28.55 0.70 0.00	28.13 0.63 0.00	27.64 0.62 0.00	28.76 0.70 0.00	32.40 0.79 0.00	35.25 0.93 0.00	34.34 0.87 0.00	33.45 0.85 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.10 0.63 0.00	27.19 0.72 0.00	27.20 0.64 0.00	27.76 0.70 0.00	35.80 0.91 0.00	38.38 0.97 0.00	32.76 0.86 0.00	30.99 0.76 0.00	29.17 0.68 0.00	27.50 0.59 0.00	26.83 0.53 0.00	26.40 0.52 0.00
CHAT_HIGH_FALL_HYD 323578	33.16 0.87 0.00	31.40 0.79 0.00	28.58 0.72 0.00	28.18 0.69 0.00	27.70 0.68 0.00	28.78 0.73 0.00	32.43 0.82 0.00	35.29 0.96 0.00	34.41 0.94 0.00	33.45 0.85 0.00	27.71 0.70 0.00	27.58 0.70 0.00	27.12 0.66 0.00	27.21 0.74 0.00	27.26 0.69 0.00	27.82 0.76 0.00	35.87 0.98 0.00	38.46 1.05 0.00	32.85 0.96 0.00	31.08 0.85 0.00	29.26 0.77 0.00	27.55 0.64 0.00	26.91 0.61 0.00	26.45 0.57 0.00
CHAUTAUQUA___LFGE 323629	31.32 -0.97 0.00	29.54 -1.07 0.00	26.94 -0.92 0.00	26.56 -0.93 0.00	26.37 -0.65 0.00	27.52 -0.53 0.00	30.57 -1.04 0.00	32.89 -1.44 0.00	32.03 -1.44 0.00	31.40 -1.21 0.00	26.82 -0.19 0.00	26.62 -0.27 0.00	26.20 -0.26 0.00	25.97 -0.50 0.00	26.06 -0.51 0.00	26.47 -0.60 0.00	33.46 -1.43 0.00	35.58 -1.83 0.00	30.91 -0.99 0.00	29.30 -0.94 0.00	27.92 -0.57 0.00	26.40 -0.51 0.00	25.77 -0.53 0.00	25.50 -0.39 0.00
CHERRYST_13_KV_LD 356241	34.16 1.87 0.00	32.23 1.62 0.00	29.33 1.48 0.00	28.95 1.46 0.00	28.40 1.38 0.00	29.54 1.49 0.00	33.29 1.68 0.00	36.21 1.89 0.00	35.38 1.91 0.00	34.47 1.86 0.00	28.36 1.35 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.82 1.35 0.00	27.98 1.41 0.00	28.36 1.30 0.00	36.82 1.92 0.00	39.50 2.09 0.00	33.74 1.85 0.00	31.99 1.75 0.00	29.92 1.42 0.00	28.36 1.45 0.00	27.67 1.37 0.00	27.07 1.19 0.00

CHESTROR_138KV_BK263 355645	33.55 1.26 0.00	31.71 1.10 0.00	28.86 1.00 0.00	28.48 0.99 0.00	27.97 0.95 0.00	29.04 0.98 0.00	32.75 1.14 0.00	35.60 1.27 0.00	34.74 1.27 0.00	33.78 1.17 0.00	27.85 0.84 0.00	27.69 0.81 0.00	27.31 0.85 0.00	27.27 0.79 0.00	27.44 0.88 0.00	27.93 0.87 0.00	36.15 1.26 0.00	38.83 1.42 0.00	33.11 1.21 0.00	31.39 1.15 0.00	29.46 0.97 0.00	27.91 1.00 0.00	27.22 0.92 0.00	26.66 0.78 0.00
CH_MIDHUDSON___DRP 24192	33.94 1.65 0.00	32.08 1.47 0.00	29.17 1.31 0.00	28.79 1.29 0.00	28.21 1.19 0.00	29.32 1.26 0.00	33.10 1.49 0.00	35.91 1.58 0.00	35.08 1.61 0.00	34.14 1.53 0.00	28.09 1.08 0.00	27.93 1.05 0.00	27.55 1.08 0.00	27.51 1.03 0.00	27.68 1.12 0.00	28.17 1.11 0.00	36.50 1.61 0.00	39.24 1.83 0.00	33.43 1.53 0.00	31.66 1.42 0.00	29.72 1.23 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.89 1.01 0.00
CH_MISC_IPPS 23765	34.07 1.77 0.00	32.26 1.65 0.00	29.30 1.45 0.00	28.95 1.46 0.00	28.37 1.35 0.00	29.46 1.40 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.63 1.16 0.00	27.64 1.16 0.00	27.79 1.22 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.47 2.06 0.00	33.62 1.72 0.00	31.84 1.60 0.00	29.89 1.40 0.00	28.25 1.34 0.00	27.51 1.21 0.00	26.94 1.06 0.00
CH_RES_BVR_FALLS 23983	32.10 -0.19 0.00	30.46 -0.15 0.00	27.72 -0.14 0.00	27.36 -0.14 0.00	26.86 -0.16 0.00	27.92 -0.14 0.00	31.46 -0.16 0.00	34.16 -0.17 0.00	33.34 -0.13 0.00	32.48 -0.13 0.00	26.93 -0.08 0.00	26.83 -0.05 0.00	26.44 -0.03 0.00	26.47 0.00 0.00	26.54 -0.03 0.00	27.03 -0.03 0.00	34.86 -0.03 0.00	37.34 -0.07 0.00	31.77 -0.13 0.00	30.09 -0.15 0.00	28.32 -0.17 0.00	26.75 -0.16 0.00	26.12 -0.18 0.00	25.70 -0.18 0.00
CH_RES_NIAGARA 23895	29.61 -2.68 0.00	27.91 -2.69 0.00	25.49 -2.37 0.00	25.13 -2.36 0.00	24.94 -2.08 0.00	26.03 -2.02 0.00	28.67 -2.94 0.00	30.69 -3.64 0.00	29.89 -3.58 0.00	29.45 -3.16 0.00	25.23 -1.78 0.00	25.08 -1.80 0.00	24.74 -1.72 0.00	24.59 -1.88 0.00	24.68 -1.89 0.00	25.03 -2.03 0.00	31.44 -3.46 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.32 -2.17 0.00	24.89 -2.02 0.00	24.41 -1.89 0.00	24.15 -1.73 0.00
CH_RES_SYRACUSE 23985	31.74 -0.55 0.00	30.06 -0.55 0.00	27.36 -0.50 0.00	27.00 -0.49 0.00	26.59 -0.43 0.00	27.61 -0.45 0.00	31.11 -0.51 0.00	33.78 -0.55 0.00	32.97 -0.50 0.00	32.15 -0.46 0.00	26.79 -0.22 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.28 -0.29 0.00	26.76 -0.30 0.00	34.41 -0.49 0.00	36.81 -0.60 0.00	31.48 -0.42 0.00	29.88 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	26.04 -0.26 0.00	25.70 -0.18 0.00
CLINTON_WT_PWR 323605	33.13 0.84 0.00	31.37 0.77 0.00	28.55 0.70 0.00	28.13 0.63 0.00	27.64 0.62 0.00	28.76 0.70 0.00	32.40 0.79 0.00	35.25 0.93 0.00	34.34 0.87 0.00	33.45 0.85 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.10 0.63 0.00	27.19 0.72 0.00	27.20 0.64 0.00	27.76 0.70 0.00	35.80 0.91 0.00	38.38 0.97 0.00	32.76 0.86 0.00	30.99 0.76 0.00	29.17 0.68 0.00	27.50 0.59 0.00	26.83 0.53 0.00	26.40 0.52 0.00
CLINTON___LFGE 323618	33.71 1.42 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.62 1.13 0.00	28.13 1.11 0.00	29.26 1.21 0.00	32.97 1.36 0.00	35.91 1.58 0.00	34.98 1.51 0.00	34.08 1.47 0.00	28.23 1.22 0.00	28.07 1.18 0.00	27.60 1.14 0.00	27.67 1.19 0.00	27.68 1.12 0.00	28.25 1.19 0.00	36.47 1.57 0.00	39.09 1.68 0.00	33.36 1.47 0.00	31.57 1.33 0.00	29.72 1.22 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.81 0.93 0.00
COBBLENY_34_KV_TB1 80064	30.84 -1.45 0.00	29.41 -1.19 0.00	26.80 -1.06 0.00	26.40 -1.10 0.00	26.26 -0.76 0.00	27.21 -0.84 0.00	30.19 -1.42 0.00	32.68 -1.65 0.00	31.83 -1.64 0.00	31.08 -1.53 0.00	26.44 -0.57 0.00	26.51 -0.38 0.00	25.99 -0.48 0.00	25.94 -0.53 0.00	25.90 -0.66 0.00	26.44 -0.62 0.00	33.36 -1.54 0.00	35.50 -1.91 0.00	30.87 -1.02 0.00	29.27 -0.97 0.00	27.84 -0.66 0.00	26.29 -0.62 0.00	25.83 -0.47 0.00	25.39 -0.49 0.00
COFFEEN___115KV_TB3 355620	32.10 -0.19 0.00	30.36 -0.24 0.00	27.61 -0.25 0.00	27.22 -0.27 0.00	26.83 -0.19 0.00	27.89 -0.17 0.00	31.61 0.00 0.00	34.43 0.10 0.00	33.54 0.07 0.00	32.58 -0.03 0.00	27.01 0.00 0.00	26.75 -0.13 0.00	26.33 -0.13 0.00	26.45 -0.03 0.00	26.49 -0.08 0.00	27.17 0.11 0.00	35.14 0.24 0.00	37.45 0.04 0.00	31.89 0.00 0.00	30.36 0.12 0.00	28.55 0.06 0.00	26.78 -0.13 0.00	26.04 -0.26 0.00	25.57 -0.31 0.00
COLDSPRG_115KV_BK1 355956	31.94 -0.36 0.00	30.36 -0.24 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	27.10 0.08 0.00	28.11 0.06 0.00	31.36 -0.25 0.00	34.05 -0.27 0.00	33.17 -0.30 0.00	32.28 -0.33 0.00	27.47 0.46 0.00	27.48 0.59 0.00	26.89 0.42 0.00	26.76 0.29 0.00	26.73 0.16 0.00	27.28 0.22 0.00	34.55 -0.35 0.00	36.81 -0.60 0.00	31.96 0.06 0.00	30.27 0.03 0.00	28.80 0.31 0.00	27.23 0.32 0.00	26.75 0.45 0.00	26.27 0.39 0.00
COLONIE_LFGE___ 323577	33.36 1.06 0.00	31.68 1.07 0.00	28.83 0.97 0.00	28.46 0.96 0.00	27.86 0.84 0.00	28.90 0.84 0.00	32.65 1.04 0.00	35.42 1.10 0.00	34.54 1.07 0.00	33.62 1.01 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.18 0.71 0.00	27.19 0.72 0.00	27.31 0.74 0.00	27.79 0.73 0.00	35.98 1.08 0.00	38.68 1.27 0.00	32.76 0.86 0.00	31.05 0.82 0.00	29.32 0.83 0.00	27.74 0.84 0.00	27.06 0.76 0.00	26.53 0.65 0.00
COOPERNY_115KV_TB1 80082	33.20 0.90 0.00	31.40 0.80 0.00	28.58 0.72 0.00	28.21 0.71 0.00	27.70 0.68 0.00	28.78 0.73 0.00	32.47 0.85 0.00	35.25 0.93 0.00	34.41 0.94 0.00	33.49 0.88 0.00	27.66 0.65 0.00	27.53 0.65 0.00	27.10 0.64 0.00	27.11 0.64 0.00	27.23 0.66 0.00	27.71 0.65 0.00	35.84 0.94 0.00	38.46 1.05 0.00	32.79 0.89 0.00	31.08 0.85 0.00	29.23 0.74 0.00	27.66 0.75 0.00	26.98 0.68 0.00	26.48 0.60 0.00
COPENHAGEN_WT_PWR 323753	31.87 -0.42 0.00	30.15 -0.46 0.00	27.41 -0.45 0.00	27.03 -0.47 0.00	26.62 -0.40 0.00	27.69 -0.37 0.00	31.33 -0.29 0.00	34.12 -0.20 0.00	33.24 -0.23 0.00	32.31 -0.29 0.00	26.85 -0.16 0.00	26.56 -0.32 0.00	26.15 -0.32 0.00	26.23 -0.24 0.00	26.30 -0.27 0.00	26.95 -0.11 0.00	34.79 -0.10 0.00	37.11 -0.30 0.00	31.64 -0.26 0.00	30.12 -0.12 0.00	28.32 -0.17 0.00	26.59 -0.32 0.00	25.91 -0.39 0.00	25.47 -0.42 0.00
CORNELL_____ 23752	32.65 0.36 0.00	30.98 0.37 0.00	28.19 0.33 0.00	27.80 0.30 0.00	27.40 0.38 0.00	28.48 0.42 0.00	32.09 0.47 0.00	34.91 0.58 0.00	34.04 0.57 0.00	33.16 0.55 0.00	27.58 0.57 0.00	27.45 0.56 0.00	26.94 0.48 0.00	26.92 0.45 0.00	27.02 0.45 0.00	27.63 0.57 0.00	35.49 0.59 0.00	38.01 0.60 0.00	32.56 0.67 0.00	30.84 0.60 0.00	29.12 0.63 0.00	27.42 0.51 0.00	26.75 0.45 0.00	26.32 0.44 0.00

CORONAAV_69_KV_TB1 355595	47.07 2.33 -12.45	45.56 2.08 -12.88	41.20 1.87 -11.47	37.54 1.84 -8.20	39.08 1.78 -10.28	41.44 1.88 -11.50	41.92 2.12 -8.19	46.95 2.33 -10.29	48.65 2.34 -12.83	41.43 2.28 -6.54	34.29 1.73 -5.55	33.23 1.75 -4.59	32.63 1.75 -4.42	32.71 1.72 -4.52	33.57 1.78 -5.22	34.25 1.73 -5.45	41.21 2.41 -3.91	52.69 2.58 -12.69	46.54 2.23 -12.41	42.21 2.18 -9.80	39.04 1.91 -8.64	38.43 1.88 -9.64	34.78 1.79 -6.69	33.31 1.60 -5.82
CORTLAND_115KV_TB3 80093	32.39 0.10 0.00	30.70 0.09 0.00	27.97 0.11 0.00	27.58 0.08 0.00	27.18 0.16 0.00	28.22 0.17 0.00	31.80 0.19 0.00	34.60 0.27 0.00	33.74 0.27 0.00	32.87 0.26 0.00	27.31 0.30 0.00	27.18 0.30 0.00	26.70 0.24 0.00	26.71 0.24 0.00	26.78 0.21 0.00	27.36 0.30 0.00	35.14 0.24 0.00	37.63 0.22 0.00	32.18 0.29 0.00	30.51 0.27 0.00	28.80 0.31 0.00	27.15 0.24 0.00	26.51 0.21 0.00	26.12 0.23 0.00
COXSACKIE___GT 23611	34.78 2.49 0.00	33.12 2.51 0.00	30.14 2.28 0.00	29.75 2.26 0.00	29.21 2.19 0.00	30.27 2.22 0.00	34.21 2.59 0.00	37.07 2.75 0.00	36.01 2.54 0.00	34.86 2.25 0.00	28.52 1.51 0.00	28.28 1.40 0.00	27.78 1.32 0.00	27.74 1.27 0.00	28.03 1.46 0.00	28.79 1.73 0.00	37.58 2.69 0.00	40.36 2.95 0.00	34.19 2.30 0.00	32.32 2.08 0.00	30.40 1.91 0.00	28.79 1.88 0.00	28.04 1.74 0.00	27.41 1.53 0.00
CPV_VALLEY___CC1 323721	33.26 0.97 0.00	31.53 0.92 0.00	28.67 0.81 0.00	28.29 0.80 0.00	27.75 0.73 0.00	28.84 0.78 0.00	32.53 0.92 0.00	35.35 1.03 0.00	34.47 1.00 0.00	33.55 0.95 0.00	27.63 0.62 0.00	27.56 0.67 0.00	27.12 0.66 0.00	27.11 0.63 0.00	27.26 0.69 0.00	27.74 0.68 0.00	35.87 0.98 0.00	38.53 1.12 0.00	32.85 0.96 0.00	31.14 0.91 0.00	29.26 0.77 0.00	27.64 0.73 0.00	26.96 0.66 0.00	26.43 0.54 0.00
CPV_VALLEY___CC2 323722	33.26 0.97 0.00	31.53 0.92 0.00	28.67 0.81 0.00	28.29 0.80 0.00	27.75 0.73 0.00	28.84 0.78 0.00	32.53 0.92 0.00	35.35 1.03 0.00	34.47 1.00 0.00	33.55 0.95 0.00	27.63 0.62 0.00	27.56 0.67 0.00	27.12 0.66 0.00	27.11 0.63 0.00	27.26 0.69 0.00	27.74 0.68 0.00	35.87 0.98 0.00	38.53 1.12 0.00	32.85 0.96 0.00	31.14 0.91 0.00	29.26 0.77 0.00	27.64 0.73 0.00	26.96 0.66 0.00	26.43 0.54 0.00
CRESCENT___HYD 24018	33.36 1.06 0.00	31.68 1.07 0.00	28.83 0.97 0.00	28.46 0.96 0.00	27.86 0.84 0.00	28.90 0.84 0.00	32.65 1.04 0.00	35.42 1.10 0.00	34.54 1.07 0.00	33.62 1.01 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.18 0.71 0.00	27.19 0.72 0.00	27.31 0.74 0.00	27.79 0.73 0.00	35.98 1.08 0.00	38.68 1.27 0.00	32.76 0.86 0.00	31.05 0.82 0.00	29.32 0.83 0.00	27.74 0.84 0.00	27.06 0.76 0.00	26.53 0.65 0.00
CRICKET___VALLEY_CC1 323756	33.59 1.29 0.00	31.83 1.23 0.00	28.94 1.09 0.00	28.60 1.10 0.00	27.94 0.92 0.00	29.01 0.95 0.00	32.78 1.17 0.00	35.56 1.23 0.00	34.71 1.24 0.00	33.82 1.21 0.00	27.74 0.73 0.00	27.64 0.75 0.00	27.23 0.77 0.00	27.27 0.79 0.00	27.42 0.85 0.00	27.85 0.79 0.00	36.08 1.19 0.00	38.79 1.38 0.00	32.95 1.05 0.00	31.23 1.00 0.00	29.40 0.91 0.00	27.77 0.86 0.00	27.09 0.79 0.00	26.53 0.65 0.00
CRICKET___VALLEY_CC2 323757	33.59 1.29 0.00	31.83 1.23 0.00	28.94 1.09 0.00	28.60 1.10 0.00	27.94 0.92 0.00	29.01 0.95 0.00	32.78 1.17 0.00	35.56 1.23 0.00	34.71 1.24 0.00	33.82 1.21 0.00	27.74 0.73 0.00	27.64 0.75 0.00	27.23 0.77 0.00	27.27 0.79 0.00	27.42 0.85 0.00	27.85 0.79 0.00	36.08 1.19 0.00	38.79 1.38 0.00	32.95 1.05 0.00	31.23 1.00 0.00	29.40 0.91 0.00	27.77 0.86 0.00	27.09 0.79 0.00	26.53 0.65 0.00
CRICKET___VALLEY_CC3 323758	33.59 1.29 0.00	31.83 1.23 0.00	28.94 1.09 0.00	28.60 1.10 0.00	27.94 0.92 0.00	29.01 0.95 0.00	32.78 1.17 0.00	35.56 1.23 0.00	34.71 1.24 0.00	33.82 1.21 0.00	27.74 0.73 0.00	27.64 0.75 0.00	27.23 0.77 0.00	27.27 0.79 0.00	27.42 0.85 0.00	27.85 0.79 0.00	36.08 1.19 0.00	38.79 1.38 0.00	32.95 1.05 0.00	31.23 1.00 0.00	29.40 0.91 0.00	27.77 0.86 0.00	27.09 0.79 0.00	26.53 0.65 0.00
CRUCIBLE_METL_DRP 24180	31.71 -0.58 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.03 -0.47 0.00	26.61 -0.41 0.00	27.63 -0.42 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.00 -0.47 0.00	32.18 -0.42 0.00	26.77 -0.24 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.25 -0.32 0.00	26.76 -0.30 0.00	34.37 -0.52 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	25.98 -0.32 0.00	25.65 -0.23 0.00
DAHOWA___HYDRO 323763	33.65 1.36 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.65 1.15 0.00	28.05 1.03 0.00	29.18 1.12 0.00	32.97 1.36 0.00	35.87 1.55 0.00	35.01 1.54 0.00	34.01 1.40 0.00	28.01 1.00 0.00	27.88 1.00 0.00	27.47 1.01 0.00	27.45 0.98 0.00	27.60 1.04 0.00	28.12 1.05 0.00	36.50 1.61 0.00	39.17 1.76 0.00	33.17 1.28 0.00	31.45 1.21 0.00	29.63 1.14 0.00	28.31 1.40 0.00	27.59 1.29 0.00	27.02 1.14 0.00
DANC___LFGE 323619	31.55 -0.74 0.00	29.84 -0.76 0.00	27.16 -0.70 0.00	26.78 -0.72 0.00	26.37 -0.65 0.00	27.41 -0.64 0.00	30.98 -0.63 0.00	33.71 -0.62 0.00	32.83 -0.64 0.00	31.99 -0.62 0.00	26.58 -0.43 0.00	26.35 -0.54 0.00	25.93 -0.53 0.00	25.97 -0.50 0.00	26.04 -0.53 0.00	26.66 -0.41 0.00	34.34 -0.56 0.00	36.70 -0.71 0.00	31.29 -0.61 0.00	29.75 -0.48 0.00	28.01 -0.48 0.00	26.37 -0.54 0.00	25.72 -0.58 0.00	25.34 -0.54 0.00
DANSKAMMER___1 23586	34.07 1.77 0.00	32.26 1.65 0.00	29.30 1.45 0.00	28.95 1.46 0.00	28.37 1.35 0.00	29.46 1.40 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.63 1.16 0.00	27.64 1.16 0.00	27.79 1.22 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.47 2.06 0.00	33.62 1.72 0.00	31.84 1.60 0.00	29.89 1.40 0.00	28.25 1.34 0.00	27.51 1.21 0.00	26.94 1.06 0.00
DANSKAMMER___2 23589	34.07 1.77 0.00	32.26 1.65 0.00	29.30 1.45 0.00	28.95 1.46 0.00	28.37 1.35 0.00	29.46 1.40 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.63 1.16 0.00	27.64 1.16 0.00	27.79 1.22 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.47 2.06 0.00	33.62 1.72 0.00	31.84 1.60 0.00	29.89 1.40 0.00	28.25 1.34 0.00	27.51 1.21 0.00	26.94 1.06 0.00
DANSKAMMER___3 23590	34.07 1.77 0.00	32.26 1.65 0.00	29.30 1.45 0.00	28.95 1.46 0.00	28.37 1.35 0.00	29.46 1.40 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.63 1.16 0.00	27.64 1.16 0.00	27.79 1.22 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.47 2.06 0.00	33.62 1.72 0.00	31.84 1.60 0.00	29.89 1.40 0.00	28.25 1.34 0.00	27.51 1.21 0.00	26.94 1.06 0.00

DANSKAMMER___4 23591	34.07 1.77 0.00	32.26 1.65 0.00	29.30 1.45 0.00	28.95 1.46 0.00	28.37 1.35 0.00	29.46 1.40 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.63 1.16 0.00	27.64 1.16 0.00	27.79 1.22 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.47 2.06 0.00	33.62 1.72 0.00	31.84 1.60 0.00	29.89 1.40 0.00	28.25 1.34 0.00	27.51 1.21 0.00	26.94 1.06 0.00
DANSKAMMER___DIESEL 23592	34.13 1.84 0.00	32.23 1.62 0.00	29.31 1.45 0.00	28.92 1.43 0.00	28.34 1.32 0.00	29.46 1.40 0.00	33.26 1.64 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.23 1.22 0.00	28.07 1.18 0.00	27.65 1.19 0.00	27.61 1.14 0.00	27.79 1.22 0.00	28.31 1.24 0.00	36.71 1.81 0.00	39.47 2.06 0.00	33.62 1.72 0.00	31.84 1.60 0.00	29.89 1.40 0.00	28.31 1.40 0.00	27.59 1.29 0.00	27.02 1.14 0.00
DARBY___SOLAR 323810	33.62 1.32 0.00	31.89 1.29 0.00	29.00 1.14 0.00	28.65 1.15 0.00	28.05 1.03 0.00	29.15 1.09 0.00	32.94 1.33 0.00	35.80 1.48 0.00	34.94 1.47 0.00	33.98 1.37 0.00	27.98 0.97 0.00	27.85 0.97 0.00	27.47 1.01 0.00	27.45 0.98 0.00	27.58 1.01 0.00	28.09 1.03 0.00	36.47 1.57 0.00	39.09 1.68 0.00	33.14 1.24 0.00	31.39 1.15 0.00	29.60 1.11 0.00	28.23 1.32 0.00	27.54 1.24 0.00	26.97 1.09 0.00
DASHVILLE___HYD 23610	33.91 1.61 0.00	31.99 1.38 0.00	29.06 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.21 1.15 0.00	32.94 1.33 0.00	35.73 1.41 0.00	34.91 1.44 0.00	33.95 1.34 0.00	27.90 0.89 0.00	27.74 0.86 0.00	27.34 0.87 0.00	27.32 0.85 0.00	27.50 0.93 0.00	28.01 0.95 0.00	36.33 1.43 0.00	39.06 1.65 0.00	33.30 1.40 0.00	31.57 1.33 0.00	29.57 1.08 0.00	28.07 1.16 0.00	27.38 1.08 0.00	26.81 0.93 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	48.66 3.91 -12.46	47.07 3.58 -12.88	42.51 3.18 -11.47	38.80 3.11 -8.20	40.35 3.05 -10.28	42.82 3.25 -11.51	43.47 3.67 -8.19	48.67 4.05 -10.29	50.29 3.98 -12.84	42.77 3.62 -6.54	35.51 2.94 -5.55	34.36 2.88 -4.59	33.74 2.86 -4.42	33.80 2.81 -4.52	34.68 2.90 -5.22	35.46 2.95 -5.45	42.96 4.15 -3.91	54.74 4.64 -12.69	48.36 4.05 -12.42	43.79 3.75 -9.80	40.46 3.33 -8.64	39.80 3.26 -9.64	36.04 3.05 -6.69	34.52 2.82 -5.82
DELAWARE___LFGE 323621	33.39 1.10 0.00	31.59 0.98 0.00	28.75 0.89 0.00	28.37 0.88 0.00	27.88 0.86 0.00	28.98 0.93 0.00	32.72 1.11 0.00	35.56 1.24 0.00	34.74 1.27 0.00	33.81 1.21 0.00	28.01 1.00 0.00	27.85 0.97 0.00	27.39 0.93 0.00	27.37 0.90 0.00	27.47 0.90 0.00	28.04 0.97 0.00	36.19 1.29 0.00	38.76 1.35 0.00	33.07 1.18 0.00	31.33 1.09 0.00	29.49 1.00 0.00	27.85 0.94 0.00	27.17 0.87 0.00	26.66 0.78 0.00
DERFIELD_115KV_TB7 355931	32.39 0.10 0.00	30.67 0.06 0.00	27.91 0.06 0.00	27.55 0.05 0.00	27.07 0.05 0.00	28.11 0.06 0.00	31.71 0.09 0.00	34.43 0.10 0.00	33.57 0.10 0.00	32.71 0.10 0.00	27.07 0.05 0.00	26.94 0.05 0.00	26.52 0.05 0.00	26.55 0.08 0.00	26.65 0.08 0.00	27.14 0.08 0.00	35.04 0.14 0.00	37.56 0.15 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.55 0.06 0.00	26.96 0.05 0.00	26.35 0.05 0.00	25.91 0.03 0.00
DOGLEVILLE___HYD 23807	31.94 -0.35 0.00	30.30 -0.31 0.00	27.61 -0.25 0.00	27.25 -0.25 0.00	26.80 -0.22 0.00	27.83 -0.23 0.00	31.39 -0.22 0.00	34.12 -0.20 0.00	33.27 -0.20 0.00	32.45 -0.16 0.00	26.88 -0.13 0.00	26.78 -0.11 0.00	26.36 -0.11 0.00	26.39 -0.08 0.00	26.44 -0.13 0.00	26.98 -0.08 0.00	34.79 -0.10 0.00	37.26 -0.15 0.00	31.70 -0.19 0.00	30.03 -0.21 0.00	28.26 -0.23 0.00	26.69 -0.22 0.00	26.06 -0.24 0.00	25.65 -0.23 0.00
DUNKIRK___115KV_TB_200 55889	31.00 -1.29 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.34 -0.68 0.00	27.33 -0.73 0.00	30.38 -1.23 0.00	32.85 -1.48 0.00	32.00 -1.47 0.00	31.21 -1.40 0.00	26.58 -0.43 0.00	26.59 -0.30 0.00	26.04 -0.42 0.00	25.97 -0.50 0.00	25.93 -0.64 0.00	26.47 -0.60 0.00	33.40 -1.50 0.00	35.58 -1.83 0.00	30.91 -0.99 0.00	29.30 -0.94 0.00	27.89 -0.60 0.00	26.37 -0.54 0.00	25.91 -0.39 0.00	25.52 -0.36 0.00
DUNKIRK___1 23563	31.00 -1.29 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.34 -0.68 0.00	27.33 -0.73 0.00	30.38 -1.23 0.00	32.85 -1.48 0.00	32.00 -1.47 0.00	31.21 -1.40 0.00	26.58 -0.43 0.00	26.59 -0.30 0.00	26.04 -0.42 0.00	25.97 -0.50 0.00	25.93 -0.64 0.00	26.47 -0.60 0.00	33.40 -1.50 0.00	35.58 -1.83 0.00	30.91 -0.99 0.00	29.30 -0.94 0.00	27.89 -0.60 0.00	26.37 -0.54 0.00	25.91 -0.39 0.00	25.52 -0.36 0.00
DUNKIRK___2 23564	31.00 -1.29 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.34 -0.68 0.00	27.33 -0.73 0.00	30.38 -1.23 0.00	32.85 -1.48 0.00	32.00 -1.47 0.00	31.21 -1.40 0.00	26.58 -0.43 0.00	26.59 -0.30 0.00	26.04 -0.42 0.00	25.97 -0.50 0.00	25.93 -0.64 0.00	26.47 -0.60 0.00	33.40 -1.50 0.00	35.58 -1.83 0.00	30.91 -0.99 0.00	29.30 -0.94 0.00	27.89 -0.60 0.00	26.37 -0.54 0.00	25.91 -0.39 0.00	25.52 -0.36 0.00
DUNKIRK___3 23565	30.84 -1.45 0.00	29.38 -1.22 0.00	26.77 -1.09 0.00	26.40 -1.10 0.00	26.24 -0.78 0.00	27.19 -0.87 0.00	30.22 -1.39 0.00	32.68 -1.65 0.00	31.83 -1.64 0.00	31.04 -1.57 0.00	26.44 -0.57 0.00	26.48 -0.40 0.00	25.93 -0.53 0.00	25.86 -0.61 0.00	25.85 -0.72 0.00	26.36 -0.70 0.00	33.26 -1.64 0.00	35.43 -1.98 0.00	30.78 -1.12 0.00	29.18 -1.06 0.00	27.78 -0.71 0.00	26.26 -0.65 0.00	25.80 -0.50 0.00	25.39 -0.49 0.00
DUNKIRK___4 23566	30.84 -1.45 0.00	29.38 -1.22 0.00	26.77 -1.09 0.00	26.40 -1.10 0.00	26.24 -0.78 0.00	27.19 -0.87 0.00	30.22 -1.39 0.00	32.68 -1.65 0.00	31.83 -1.64 0.00	31.04 -1.57 0.00	26.44 -0.57 0.00	26.48 -0.40 0.00	25.93 -0.53 0.00	25.86 -0.61 0.00	25.85 -0.72 0.00	26.36 -0.70 0.00	33.26 -1.64 0.00	35.43 -1.98 0.00	30.78 -1.12 0.00	29.18 -1.06 0.00	27.78 -0.71 0.00	26.26 -0.65 0.00	25.80 -0.50 0.00	25.39 -0.49 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.00 1.71 0.00	32.11 1.50 0.00	29.19 1.34 0.00	28.81 1.32 0.00	28.26 1.24 0.00	29.40 1.35 0.00	33.13 1.52 0.00	36.04 1.72 0.00	35.18 1.71 0.00	34.27 1.66 0.00	28.20 1.19 0.00	28.09 1.21 0.00	27.71 1.24 0.00	27.66 1.19 0.00	27.82 1.25 0.00	28.25 1.19 0.00	36.64 1.74 0.00	39.36 1.95 0.00	33.55 1.66 0.00	31.81 1.57 0.00	29.83 1.34 0.00	28.26 1.35 0.00	27.56 1.26 0.00	26.97 1.09 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.78 1.49 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.65 1.15 0.00	28.13 1.11 0.00	29.21 1.15 0.00	32.97 1.36 0.00	35.80 1.48 0.00	34.94 1.47 0.00	34.01 1.40 0.00	28.01 1.00 0.00	27.85 0.97 0.00	27.44 0.98 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.09 1.03 0.00	36.40 1.50 0.00	39.09 1.68 0.00	33.33 1.44 0.00	31.60 1.36 0.00	29.63 1.14 0.00	28.09 1.18 0.00	27.38 1.08 0.00	26.81 0.93 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.94 1.65 0.00	31.99 1.38 0.00	29.17 1.31 0.00	28.76 1.26 0.00	28.18 1.16 0.00	29.29 1.23 0.00	33.00 1.39 0.00	35.87 1.54 0.00	35.04 1.57 0.00	34.17 1.57 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.14 1.08 0.00	36.54 1.64 0.00	39.21 1.80 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.17 1.26 0.00	27.48 1.18 0.00	26.92 1.04 0.00
E179THST_13_KV_LOAD 356214	34.07 1.78 0.00	32.11 1.50 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.29 1.27 0.00	29.40 1.35 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
EAST HAMPTON___GT 23717	48.98 4.23 -12.46	47.47 3.98 -12.88	42.90 3.57 -11.47	39.19 3.49 -8.20	40.68 3.38 -10.28	43.18 3.62 -11.51	43.94 4.14 -8.19	49.18 4.57 -10.29	50.80 4.49 -12.84	43.29 4.14 -6.54	35.83 3.27 -5.55	34.70 3.22 -4.59	34.03 3.15 -4.42	34.14 3.15 -4.52	35.03 3.24 -5.22	35.81 3.30 -5.45	43.45 4.64 -3.91	55.30 5.20 -12.69	48.84 4.53 -12.42	44.24 4.20 -9.80	40.89 3.76 -8.64	40.10 3.55 -9.64	36.30 3.31 -6.69	34.75 3.05 -5.82
EAST RIVER___6 23660	34.03 1.74 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.22 1.61 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.78 1.32 0.00	27.77 1.30 0.00	27.90 1.33 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.86 1.37 0.00	28.17 1.27 0.00	27.51 1.21 0.00	26.89 1.01 0.00
EAST RIVER___7 23524	34.03 1.74 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.22 1.61 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.78 1.32 0.00	27.77 1.30 0.00	27.90 1.33 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.86 1.37 0.00	28.17 1.27 0.00	27.51 1.21 0.00	26.89 1.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.94 1.65 0.00	32.05 1.44 0.00	29.17 1.31 0.00	28.79 1.29 0.00	28.24 1.22 0.00	29.35 1.29 0.00	33.10 1.49 0.00	35.97 1.65 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.20 1.14 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.77 1.28 0.00	28.20 1.29 0.00	27.48 1.18 0.00	26.92 1.04 0.00
EAST_HAMPTON___DIESEL 23722	49.01 4.26 -12.46	47.47 3.98 -12.88	42.90 3.57 -11.47	39.19 3.49 -8.20	40.70 3.40 -10.28	43.18 3.62 -11.51	43.94 4.14 -8.19	49.18 4.57 -10.29	50.80 4.49 -12.84	43.32 4.17 -6.54	35.83 3.27 -5.55	34.73 3.25 -4.59	34.06 3.17 -4.42	34.14 3.15 -4.52	35.03 3.24 -5.22	35.84 3.33 -5.45	43.48 4.68 -3.91	55.30 5.20 -12.69	48.87 4.56 -12.42	44.27 4.23 -9.80	40.92 3.79 -8.64	40.13 3.58 -9.64	36.30 3.31 -6.69	34.75 3.05 -5.82
EAST_PULASKI___ESR 323781	31.32 -0.97 0.00	29.69 -0.92 0.00	27.05 -0.81 0.00	26.67 -0.82 0.00	26.26 -0.76 0.00	27.27 -0.79 0.00	30.79 -0.82 0.00	33.47 -0.86 0.00	32.63 -0.84 0.00	31.79 -0.82 0.00	26.42 -0.59 0.00	26.27 -0.62 0.00	25.83 -0.64 0.00	25.84 -0.64 0.00	25.90 -0.66 0.00	26.44 -0.62 0.00	34.06 -0.84 0.00	36.44 -0.97 0.00	31.10 -0.80 0.00	29.54 -0.70 0.00	27.84 -0.66 0.00	26.24 -0.67 0.00	25.62 -0.68 0.00	25.26 -0.62 0.00
EAST_RIVER___1 323558	34.03 1.74 0.00	32.20 1.59 0.00	29.30 1.45 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.46 1.40 0.00	33.26 1.64 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.37 1.76 0.00	28.20 1.19 0.00	28.17 1.29 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.31 1.25 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.86 1.37 0.00	28.17 1.27 0.00	27.51 1.21 0.00	26.92 1.04 0.00
EAST_RIVER___2 323559	34.03 1.74 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.22 1.61 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.78 1.32 0.00	27.77 1.30 0.00	27.90 1.33 0.00	28.31 1.25 0.00	36.74 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.86 1.37 0.00	28.17 1.27 0.00	27.51 1.21 0.00	26.89 1.01 0.00
EAST___DELAWARE_HYD 23607	34.33 2.04 0.00	32.44 1.84 0.00	29.44 1.59 0.00	29.09 1.59 0.00	28.53 1.51 0.00	29.65 1.60 0.00	33.54 1.93 0.00	36.42 2.09 0.00	35.58 2.11 0.00	34.53 1.92 0.00	28.33 1.32 0.00	28.20 1.32 0.00	27.71 1.24 0.00	27.69 1.22 0.00	27.87 1.30 0.00	28.47 1.41 0.00	36.99 2.09 0.00	39.77 2.36 0.00	33.94 2.04 0.00	32.14 1.91 0.00	30.11 1.62 0.00	28.47 1.56 0.00	27.72 1.42 0.00	27.13 1.24 0.00
EIGHT_POINT___WT_PWR 323820	32.07 -0.22 0.00	30.24 -0.37 0.00	27.55 -0.31 0.00	27.19 -0.30 0.00	26.94 -0.08 0.00	28.08 0.03 0.00	31.33 -0.29 0.00	33.85 -0.48 0.00	32.93 -0.54 0.00	32.25 -0.36 0.00	27.36 0.35 0.00	27.13 0.24 0.00	26.67 0.21 0.00	26.55 0.08 0.00	26.65 0.08 0.00	27.14 0.08 0.00	34.41 -0.49 0.00	36.62 -0.79 0.00	31.70 -0.19 0.00	30.03 -0.21 0.00	28.52 0.03 0.00	26.91 0.00 0.00	26.22 -0.08 0.00	25.88 0.00 0.00
ELBRIDGE_115KV_TB2 80188	31.58 -0.71 0.00	29.97 -0.64 0.00	27.27 -0.59 0.00	26.92 -0.58 0.00	26.51 -0.51 0.00	27.52 -0.53 0.00	30.98 -0.63 0.00	33.67 -0.65 0.00	32.83 -0.64 0.00	32.02 -0.59 0.00	26.63 -0.38 0.00	26.51 -0.38 0.00	26.04 -0.42 0.00	26.05 -0.42 0.00	26.12 -0.45 0.00	26.63 -0.43 0.00	34.20 -0.70 0.00	36.66 -0.75 0.00	31.35 -0.54 0.00	29.72 -0.51 0.00	28.06 -0.43 0.00	26.48 -0.43 0.00	25.88 -0.42 0.00	25.55 -0.34 0.00
ELEC_TRO_TEK 24086	46.94 2.20 -12.45	45.44 1.96 -12.88	41.08 1.76 -11.47	37.43 1.73 -8.20	38.97 1.68 -10.28	41.33 1.77 -11.50	41.80 1.99 -8.19	46.84 2.23 -10.29	48.51 2.21 -12.83	41.30 2.15 -6.54	34.18 1.62 -5.55	33.09 1.61 -4.59	32.52 1.64 -4.42	32.58 1.59 -4.52	33.46 1.67 -5.22	34.11 1.60 -5.45	41.07 2.27 -3.91	52.61 2.51 -12.69	46.47 2.17 -12.41	42.06 2.03 -9.80	38.89 1.77 -8.64	38.30 1.75 -9.64	34.64 1.66 -6.69	33.20 1.50 -5.82
ELLENBURG_WT_PWR 323604	33.13 0.84 0.00	31.37 0.77 0.00	28.55 0.70 0.00	28.13 0.63 0.00	27.64 0.62 0.00	28.76 0.70 0.00	32.40 0.79 0.00	35.25 0.93 0.00	34.34 0.87 0.00	33.45 0.85 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.10 0.63 0.00	27.19 0.72 0.00	27.20 0.64 0.00	27.76 0.70 0.00	35.80 0.91 0.00	38.38 0.97 0.00	32.76 0.86 0.00	30.99 0.76 0.00	29.17 0.68 0.00	27.50 0.59 0.00	26.83 0.53 0.00	26.40 0.52 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.39 -1.91 0.00	28.99 -1.62 0.00	26.41 -1.45 0.00	26.04 -1.46 0.00	25.88 -1.13 0.00	26.82 -1.23 0.00	29.75 -1.87 0.00	32.09 -2.23 0.00	31.26 -2.21 0.00	30.52 -2.09 0.00	26.01 -1.00 0.00	26.10 -0.78 0.00	25.56 -0.90 0.00	25.55 -0.93 0.00	25.50 -1.06 0.00	26.03 -1.03 0.00	32.73 -2.16 0.00	34.87 -2.54 0.00	30.33 -1.56 0.00	28.79 -1.45 0.00	27.41 -1.08 0.00	25.89 -1.02 0.00	25.43 -0.87 0.00	25.05 -0.83 0.00
EMPIRE_CC_1 323656	33.04 0.74 0.00	31.40 0.79 0.00	28.58 0.72 0.00	28.24 0.74 0.00	27.61 0.59 0.00	28.65 0.59 0.00	32.34 0.73 0.00	34.98 0.65 0.00	34.14 0.67 0.00	33.20 0.59 0.00	27.34 0.33 0.00	27.23 0.35 0.00	26.83 0.37 0.00	26.90 0.42 0.00	26.99 0.42 0.00	27.44 0.38 0.00	35.45 0.56 0.00	38.12 0.71 0.00	32.31 0.41 0.00	30.63 0.39 0.00	28.89 0.40 0.00	27.39 0.48 0.00	26.75 0.45 0.00	26.22 0.34 0.00
EMPIRE_CC_2 323658	33.04 0.74 0.00	31.40 0.79 0.00	28.58 0.72 0.00	28.24 0.74 0.00	27.61 0.59 0.00	28.65 0.59 0.00	32.34 0.73 0.00	34.98 0.65 0.00	34.14 0.67 0.00	33.20 0.59 0.00	27.34 0.33 0.00	27.23 0.35 0.00	26.83 0.37 0.00	26.90 0.42 0.00	26.99 0.42 0.00	27.44 0.38 0.00	35.45 0.56 0.00	38.12 0.71 0.00	32.31 0.41 0.00	30.63 0.39 0.00	28.89 0.40 0.00	27.39 0.48 0.00	26.75 0.45 0.00	26.22 0.34 0.00
ENORWICH_115KV_TB1 80156	34.84 2.55 0.00	32.97 2.36 0.00	29.95 2.09 0.00	29.56 2.06 0.00	29.15 2.13 0.00	30.33 2.27 0.00	34.33 2.72 0.00	37.45 3.12 0.00	36.58 3.11 0.00	35.58 2.97 0.00	29.63 2.62 0.00	29.33 2.45 0.00	28.66 2.20 0.00	28.67 2.20 0.00	28.69 2.13 0.00	29.55 2.49 0.00	38.25 3.35 0.00	40.74 3.33 0.00	34.83 2.93 0.00	32.99 2.75 0.00	31.08 2.59 0.00	29.09 2.18 0.00	28.30 2.00 0.00	27.75 1.86 0.00
ERIE_ST__34_KV_TB1-2 80199	31.06 -1.23 0.00	29.60 -1.01 0.00	26.97 -0.89 0.00	26.59 -0.91 0.00	26.45 -0.57 0.00	27.44 -0.62 0.00	30.48 -1.14 0.00	33.02 -1.30 0.00	32.17 -1.31 0.00	31.37 -1.24 0.00	26.74 -0.27 0.00	26.80 -0.08 0.00	26.25 -0.21 0.00	26.21 -0.26 0.00	26.20 -0.37 0.00	26.74 -0.32 0.00	33.71 -1.19 0.00	35.91 -1.50 0.00	31.19 -0.70 0.00	29.57 -0.67 0.00	28.15 -0.34 0.00	26.59 -0.32 0.00	26.12 -0.18 0.00	25.60 -0.28 0.00
ERIE_WT_PWR 323693	31.03 -1.26 0.00	29.26 -1.35 0.00	26.69 -1.17 0.00	26.34 -1.15 0.00	26.13 -0.89 0.00	27.27 -0.79 0.00	30.16 -1.45 0.00	32.44 -1.89 0.00	31.63 -1.84 0.00	31.04 -1.56 0.00	26.55 -0.46 0.00	26.37 -0.51 0.00	25.99 -0.48 0.00	25.81 -0.66 0.00	25.90 -0.66 0.00	26.30 -0.76 0.00	33.19 -1.71 0.00	35.28 -2.13 0.00	30.68 -1.21 0.00	29.09 -1.15 0.00	27.69 -0.80 0.00	26.18 -0.73 0.00	25.59 -0.71 0.00	25.26 -0.62 0.00
ESPRGFLD_115KV_TB1 80157	34.39 2.10 0.00	32.57 1.96 0.00	29.58 1.73 0.00	29.20 1.70 0.00	28.72 1.70 0.00	29.91 1.85 0.00	33.83 2.21 0.00	36.87 2.54 0.00	36.05 2.58 0.00	35.05 2.45 0.00	29.04 2.03 0.00	28.82 1.94 0.00	28.26 1.80 0.00	28.27 1.80 0.00	28.35 1.78 0.00	29.04 1.98 0.00	37.65 2.76 0.00	40.29 2.88 0.00	34.35 2.46 0.00	32.54 2.30 0.00	30.60 2.11 0.00	28.82 1.91 0.00	28.09 1.79 0.00	27.54 1.66 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.61 0.32 0.00	30.91 0.31 0.00	28.14 0.28 0.00	27.77 0.27 0.00	27.37 0.35 0.00	28.42 0.36 0.00	32.06 0.44 0.00	34.88 0.55 0.00	34.01 0.54 0.00	33.10 0.49 0.00	27.55 0.54 0.00	27.40 0.51 0.00	26.89 0.42 0.00	26.90 0.42 0.00	26.97 0.40 0.00	27.58 0.51 0.00	35.45 0.56 0.00	37.93 0.52 0.00	32.50 0.61 0.00	30.78 0.54 0.00	29.06 0.57 0.00	27.39 0.48 0.00	26.72 0.42 0.00	26.30 0.41 0.00
ETNA____115KV_TB2 80207	32.61 0.32 0.00	30.91 0.31 0.00	28.14 0.28 0.00	27.77 0.27 0.00	27.37 0.35 0.00	28.42 0.36 0.00	32.06 0.44 0.00	34.88 0.55 0.00	34.01 0.54 0.00	33.10 0.49 0.00	27.55 0.54 0.00	27.40 0.51 0.00	26.89 0.42 0.00	26.90 0.42 0.00	26.97 0.40 0.00	27.58 0.51 0.00	35.45 0.56 0.00	37.93 0.52 0.00	32.50 0.61 0.00	30.78 0.54 0.00	29.06 0.57 0.00	27.39 0.48 0.00	26.72 0.42 0.00	26.30 0.41 0.00
EUCLID__115KV_TB2 356179	31.36 -0.94 0.00	29.75 -0.86 0.00	27.11 -0.75 0.00	26.75 -0.74 0.00	26.34 -0.68 0.00	27.35 -0.70 0.00	30.79 -0.82 0.00	33.43 -0.89 0.00	32.63 -0.84 0.00	31.79 -0.82 0.00	26.44 -0.57 0.00	26.32 -0.56 0.00	25.88 -0.58 0.00	25.89 -0.58 0.00	25.96 -0.61 0.00	26.44 -0.62 0.00	33.95 -0.94 0.00	36.36 -1.05 0.00	31.10 -0.80 0.00	29.51 -0.73 0.00	27.86 -0.63 0.00	26.29 -0.62 0.00	25.72 -0.58 0.00	25.39 -0.49 0.00
E_CANADA_CAP_HY 24051	34.84 2.55 0.00	33.00 2.39 0.00	30.00 2.15 0.00	29.58 2.09 0.00	29.07 2.05 0.00	30.30 2.25 0.00	34.30 2.69 0.00	37.35 3.02 0.00	36.52 3.05 0.00	35.44 2.84 0.00	29.25 2.24 0.00	29.04 2.15 0.00	28.53 2.07 0.00	28.48 2.01 0.00	28.64 2.07 0.00	29.33 2.27 0.00	38.18 3.28 0.00	40.89 3.48 0.00	34.77 2.87 0.00	32.90 2.66 0.00	30.97 2.48 0.00	29.22 2.31 0.00	28.46 2.16 0.00	27.88 1.99 0.00
E_CANADA_MHWK_HY 24050	31.94 -0.35 0.00	30.30 -0.31 0.00	27.61 -0.25 0.00	27.25 -0.25 0.00	26.80 -0.22 0.00	27.83 -0.23 0.00	31.39 -0.22 0.00	34.12 -0.20 0.00	33.27 -0.20 0.00	32.45 -0.16 0.00	26.88 -0.13 0.00	26.78 -0.11 0.00	26.36 -0.11 0.00	26.39 -0.08 0.00	26.44 -0.13 0.00	26.98 -0.08 0.00	34.79 -0.10 0.00	37.26 -0.15 0.00	31.70 -0.19 0.00	30.03 -0.21 0.00	28.26 -0.23 0.00	26.69 -0.22 0.00	26.06 -0.24 0.00	25.65 -0.23 0.00
E_FISHKILL__LBMP 23776	33.75 1.45 0.00	31.89 1.29 0.00	29.00 1.14 0.00	28.62 1.13 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.91 1.30 0.00	35.73 1.41 0.00	34.88 1.41 0.00	33.98 1.37 0.00	27.98 0.97 0.00	27.83 0.94 0.00	27.44 0.98 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.04 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.23 1.34 0.00	31.51 1.27 0.00	29.57 1.08 0.00	28.01 1.10 0.00	27.33 1.03 0.00	26.76 0.88 0.00
FALCON__SEABRD_CC1 323796	33.62 1.32 0.00	31.83 1.23 0.00	28.97 1.12 0.00	28.54 1.04 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.88 1.27 0.00	35.77 1.44 0.00	34.88 1.41 0.00	33.95 1.34 0.00	28.12 1.11 0.00	27.96 1.08 0.00	27.49 1.03 0.00	27.59 1.11 0.00	27.60 1.04 0.00	28.17 1.11 0.00	36.33 1.43 0.00	38.94 1.53 0.00	33.23 1.34 0.00	31.45 1.21 0.00	29.63 1.14 0.00	27.88 0.97 0.00	27.22 0.92 0.00	26.76 0.88 0.00
FALCON__SEABRD_CC2 323797	33.62 1.32 0.00	31.83 1.23 0.00	28.97 1.12 0.00	28.54 1.04 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.88 1.27 0.00	35.77 1.44 0.00	34.88 1.41 0.00	33.95 1.34 0.00	28.12 1.11 0.00	27.96 1.08 0.00	27.49 1.03 0.00	27.59 1.11 0.00	27.60 1.04 0.00	28.17 1.11 0.00	36.33 1.43 0.00	38.94 1.53 0.00	33.23 1.34 0.00	31.45 1.21 0.00	29.63 1.14 0.00	27.88 0.97 0.00	27.22 0.92 0.00	26.76 0.88 0.00

FAR ROCKAWAY___4 23548	47.36 2.62 -12.45	45.81 2.33 -12.88	41.42 2.09 -11.47	37.76 2.06 -8.20	39.30 2.00 -10.28	41.66 2.10 -11.50	42.17 2.37 -8.19	47.22 2.61 -10.29	48.92 2.61 -12.83	41.73 2.58 -6.54	34.53 1.97 -5.55	33.44 1.96 -4.59	32.87 1.98 -4.42	32.92 1.93 -4.52	33.81 2.02 -5.22	34.46 1.95 -5.45	41.53 2.72 -3.91	52.80 2.69 -12.69	46.63 2.33 -12.41	42.52 2.48 -9.80	39.29 2.17 -8.64	38.67 2.13 -9.64	35.01 2.03 -6.69	33.54 1.84 -5.82
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.10 1.81 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.49 1.43 0.00	33.23 1.61 0.00	36.15 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.92 1.35 0.00	28.31 1.24 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.89 1.40 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.02 1.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.10 1.81 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.49 1.43 0.00	33.23 1.61 0.00	36.15 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.92 1.35 0.00	28.33 1.27 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.89 1.40 0.00	28.34 1.43 0.00	27.64 1.34 0.00	27.05 1.16 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.10 1.81 0.00	32.14 1.53 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.34 1.32 0.00	29.46 1.40 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.28 1.27 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.31 1.24 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.86 1.37 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.02 1.14 0.00
FARRAGUT___LBMP 323566	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
FENNER___WINDPWR 24204	32.74 0.45 0.00	30.98 0.37 0.00	28.22 0.36 0.00	27.83 0.33 0.00	27.40 0.38 0.00	28.50 0.45 0.00	32.18 0.57 0.00	34.98 0.65 0.00	34.14 0.67 0.00	33.23 0.62 0.00	27.61 0.59 0.00	27.39 0.51 0.00	26.94 0.48 0.00	26.95 0.48 0.00	27.07 0.50 0.00	27.63 0.57 0.00	35.56 0.66 0.00	38.01 0.60 0.00	32.44 0.54 0.00	30.78 0.54 0.00	29.00 0.51 0.00	27.34 0.43 0.00	26.67 0.37 0.00	26.27 0.39 0.00
FIBERTEK___ENERGY 23856	31.71 -0.58 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.03 -0.47 0.00	26.61 -0.41 0.00	27.63 -0.42 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.00 -0.47 0.00	32.18 -0.42 0.00	26.77 -0.24 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.25 -0.32 0.00	26.76 -0.30 0.00	34.37 -0.52 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	25.98 -0.32 0.00	25.65 -0.23 0.00
FITZPATRICK___ 23598	30.97 -1.33 0.00	29.35 -1.26 0.00	26.71 -1.14 0.00	26.37 -1.13 0.00	25.97 -1.05 0.00	26.96 -1.09 0.00	30.35 -1.27 0.00	32.92 -1.41 0.00	32.10 -1.37 0.00	31.30 -1.31 0.00	26.04 -0.97 0.00	25.92 -0.97 0.00	25.48 -0.98 0.00	25.49 -0.98 0.00	25.59 -0.98 0.00	26.06 -1.00 0.00	33.50 -1.40 0.00	35.91 -1.50 0.00	30.65 -1.24 0.00	29.09 -1.15 0.00	27.44 -1.05 0.00	25.91 -1.00 0.00	25.41 -0.89 0.00	25.11 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	47.82 3.07 -12.46	46.28 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.65 2.35 -10.28	42.06 2.50 -11.51	42.65 2.85 -8.19	47.78 3.16 -10.29	49.42 3.11 -12.84	42.02 2.87 -6.54	34.83 2.27 -5.55	33.71 2.23 -4.59	33.11 2.22 -4.42	33.19 2.20 -4.52	34.07 2.28 -5.22	34.81 2.30 -5.45	42.05 3.25 -3.91	53.62 3.52 -12.69	47.44 3.13 -12.42	42.94 2.90 -9.80	39.66 2.54 -8.64	39.05 2.50 -9.64	35.30 2.31 -6.69	33.85 2.15 -5.82
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.20 1.91 0.00	32.29 1.68 0.00	29.33 1.48 0.00	28.98 1.48 0.00	28.40 1.38 0.00	29.51 1.46 0.00	33.32 1.71 0.00	36.18 1.85 0.00	35.35 1.87 0.00	34.40 1.79 0.00	28.28 1.27 0.00	28.09 1.21 0.00	27.71 1.24 0.00	27.66 1.19 0.00	27.84 1.28 0.00	28.36 1.30 0.00	36.78 1.88 0.00	39.54 2.13 0.00	33.68 1.79 0.00	31.90 1.66 0.00	29.94 1.45 0.00	28.36 1.45 0.00	27.64 1.34 0.00	27.07 1.19 0.00
FORT ORANGE___ 23900	33.10 0.81 0.00	31.59 0.98 0.00	28.83 0.97 0.00	28.46 0.96 0.00	27.91 0.89 0.00	28.93 0.87 0.00	32.59 0.98 0.00	35.35 1.03 0.00	34.27 0.80 0.00	33.32 0.72 0.00	27.42 0.41 0.00	27.29 0.40 0.00	26.86 0.40 0.00	26.87 0.40 0.00	27.02 0.45 0.00	27.52 0.46 0.00	35.66 0.77 0.00	38.31 0.90 0.00	32.50 0.60 0.00	30.78 0.54 0.00	29.00 0.51 0.00	27.42 0.51 0.00	26.77 0.47 0.00	26.24 0.36 0.00
FORT_DRUM_COGEN 23780	31.97 -0.32 0.00	30.24 -0.37 0.00	27.50 -0.36 0.00	27.11 -0.38 0.00	26.72 -0.30 0.00	27.77 -0.28 0.00	31.46 -0.16 0.00	34.26 -0.07 0.00	33.40 -0.07 0.00	32.45 -0.16 0.00	26.90 -0.11 0.00	26.64 -0.24 0.00	26.22 -0.24 0.00	26.31 -0.16 0.00	26.35 -0.21 0.00	27.03 -0.03 0.00	34.90 0.00 0.00	37.22 -0.19 0.00	31.70 -0.19 0.00	30.21 -0.03 0.00	28.41 -0.09 0.00	26.67 -0.24 0.00	25.96 -0.34 0.00	25.49 -0.39 0.00
FOX_HILLS___ESR 323835	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.51 1.46 0.00	33.19 1.58 0.00	36.01 1.68 0.00	35.14 1.67 0.00	34.27 1.66 0.00	28.20 1.19 0.00	28.04 1.16 0.00	27.71 1.24 0.00	27.66 1.19 0.00	27.84 1.28 0.00	28.20 1.14 0.00	36.78 1.88 0.00	39.48 2.06 -0.01	72.70 1.75 -39.05	31.97 1.72 -0.01	29.80 1.31 0.00	28.36 1.45 0.00	27.75 1.45 0.00	27.20 1.32 0.00
FPL_FAR_ROCK_GT1 24212	47.30 2.55 -12.45	45.84 2.36 -12.88	41.45 2.12 -11.47	37.79 2.09 -8.20	39.30 2.00 -10.28	41.66 2.11 -11.50	42.21 2.40 -8.19	47.29 2.68 -10.29	48.95 2.64 -12.83	41.73 2.58 -6.54	34.48 1.92 -5.55	33.47 1.99 -4.59	32.84 1.96 -4.42	32.95 1.96 -4.52	33.78 1.99 -5.22	34.46 1.95 -5.45	41.53 2.72 -3.91	52.80 2.70 -12.69	46.63 2.33 -12.41	42.52 2.48 -9.80	39.32 2.19 -8.64	38.57 2.02 -9.64	34.91 1.92 -6.69	33.44 1.73 -5.82
FPL_FAR_ROCK_GT2 23815	47.30 2.55 -12.45	45.84 2.36 -12.88	41.45 2.12 -11.47	37.79 2.09 -8.20	39.30 2.00 -10.28	41.66 2.11 -11.50	42.21 2.40 -8.19	47.29 2.68 -10.29	48.95 2.64 -12.83	41.73 2.58 -6.54	34.48 1.92 -5.55	33.47 1.99 -4.59	32.84 1.96 -4.42	32.95 1.96 -4.52	33.78 1.99 -5.22	34.46 1.95 -5.45	41.53 2.72 -3.91	52.80 2.70 -12.69	46.63 2.33 -12.41	42.52 2.48 -9.80	39.32 2.19 -8.64	38.57 2.02 -9.64	34.91 1.92 -6.69	33.44 1.73 -5.82

FRANKLIN_FALL_HYD 24054	33.20 0.90 0.00	31.43 0.83 0.00	28.58 0.72 0.00	28.18 0.69 0.00	27.70 0.68 0.00	28.81 0.76 0.00	32.50 0.89 0.00	35.42 1.10 0.00	34.51 1.04 0.00	33.62 1.01 0.00	27.85 0.84 0.00	27.69 0.81 0.00	27.23 0.77 0.00	27.29 0.82 0.00	27.31 0.74 0.00	27.90 0.84 0.00	36.05 1.15 0.00	38.61 1.20 0.00	32.92 1.02 0.00	31.14 0.91 0.00	29.35 0.85 0.00	27.61 0.70 0.00	26.93 0.63 0.00	26.45 0.57 0.00
FREEPORT_EQUS_GT1 23764	47.14 2.39 -12.46	45.72 2.23 -12.88	41.34 2.01 -11.47	37.68 1.98 -8.20	39.16 1.86 -10.28	41.52 1.96 -11.51	42.08 2.28 -8.19	47.16 2.54 -10.29	48.82 2.51 -12.84	41.56 2.41 -6.54	34.35 1.78 -5.55	33.31 1.83 -4.59	32.71 1.82 -4.42	32.79 1.80 -4.52	33.65 1.86 -5.22	34.36 1.84 -5.45	41.39 2.58 -3.91	52.95 2.84 -12.69	46.76 2.46 -12.41	42.33 2.30 -9.80	39.15 2.02 -8.64	38.46 1.91 -9.64	34.80 1.81 -6.69	33.33 1.63 -5.82
FREEPORT___CT2 23818	47.14 2.39 -12.46	45.72 2.23 -12.88	41.34 2.01 -11.47	37.68 1.98 -8.20	39.16 1.86 -10.28	41.52 1.96 -11.51	42.08 2.28 -8.19	47.16 2.54 -10.29	48.82 2.51 -12.84	41.56 2.41 -6.54	34.35 1.78 -5.55	33.31 1.83 -4.59	32.71 1.82 -4.42	32.79 1.80 -4.52	33.65 1.86 -5.22	34.36 1.84 -5.45	41.39 2.58 -3.91	52.95 2.84 -12.69	46.76 2.46 -12.41	42.33 2.30 -9.80	39.15 2.02 -8.64	38.46 1.91 -9.64	34.80 1.81 -6.69	33.33 1.63 -5.82
FRESHKLS_33_KV_LOAD 356253	34.42 2.13 0.00	32.38 1.78 0.00	29.50 1.64 0.00	29.09 1.59 0.00	28.51 1.49 0.00	29.51 1.46 0.00	33.16 1.55 0.00	35.94 1.61 0.00	35.04 1.57 0.00	34.17 1.57 0.00	28.09 1.08 0.00	27.96 1.08 0.00	27.60 1.14 0.00	27.56 1.09 0.00	27.74 1.17 0.00	28.09 1.03 0.00	36.71 1.81 0.00	39.41 1.98 -0.01	53.14 1.69 -19.55	31.91 1.66 -0.01	29.72 1.23 0.00	28.34 1.43 0.00	27.75 1.45 0.00	27.20 1.32 0.00
FULTON COGEN____ 23766	31.29 -1.00 0.00	29.66 -0.95 0.00	27.02 -0.84 0.00	26.64 -0.85 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.70 -0.92 0.00	33.36 -0.96 0.00	32.53 -0.94 0.00	31.76 -0.85 0.00	26.39 -0.62 0.00	26.27 -0.62 0.00	25.80 -0.66 0.00	25.81 -0.66 0.00	25.88 -0.69 0.00	26.38 -0.68 0.00	33.92 -0.98 0.00	36.33 -1.08 0.00	31.07 -0.83 0.00	29.45 -0.79 0.00	27.78 -0.71 0.00	26.21 -0.70 0.00	25.62 -0.68 0.00	25.29 -0.60 0.00
FULTON___LFGE 323630	36.49 4.20 0.00	34.53 3.92 0.00	31.34 3.48 0.00	30.93 3.44 0.00	30.34 3.32 0.00	31.70 3.65 0.00	35.94 4.33 0.00	39.17 4.84 0.00	38.39 4.92 0.00	37.14 4.53 0.00	30.63 3.62 0.00	30.41 3.52 0.00	29.85 3.39 0.00	29.78 3.31 0.00	29.97 3.40 0.00	30.80 3.74 0.00	40.30 5.41 0.00	42.99 5.58 0.00	36.46 4.56 0.00	34.50 4.26 0.00	32.48 3.99 0.00	30.57 3.66 0.00	29.77 3.47 0.00	29.09 3.21 0.00
G.F.CEMENT___DRP 24184	33.75 1.45 0.00	31.96 1.35 0.00	29.03 1.17 0.00	28.68 1.18 0.00	28.10 1.08 0.00	29.23 1.18 0.00	33.07 1.45 0.00	35.97 1.65 0.00	35.14 1.67 0.00	34.21 1.60 0.00	28.17 1.16 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.53 1.06 0.00	27.71 1.14 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.32 1.91 0.00	33.30 1.40 0.00	31.54 1.30 0.00	29.72 1.23 0.00	28.01 1.10 0.00	27.90 1.60 0.00	27.33 1.45 0.00
GARDENVILLE___LBMP 24039	30.55 -1.74 0.00	29.14 -1.47 0.00	26.55 -1.31 0.00	26.18 -1.32 0.00	26.02 -1.00 0.00	26.96 -1.09 0.00	29.91 -1.71 0.00	32.30 -2.03 0.00	31.50 -1.97 0.00	30.72 -1.89 0.00	26.17 -0.84 0.00	26.24 -0.65 0.00	25.69 -0.77 0.00	25.68 -0.79 0.00	25.64 -0.93 0.00	26.17 -0.89 0.00	32.94 -1.95 0.00	35.09 -2.32 0.00	30.52 -1.37 0.00	28.94 -1.30 0.00	27.55 -0.94 0.00	26.02 -0.89 0.00	25.59 -0.71 0.00	25.18 -0.70 0.00
GARDNVLA_35_KV_LD 355827	30.74 -1.55 0.00	29.29 -1.32 0.00	26.69 -1.17 0.00	26.31 -1.18 0.00	26.16 -0.86 0.00	27.13 -0.93 0.00	30.06 -1.55 0.00	32.51 -1.82 0.00	31.66 -1.81 0.00	30.91 -1.70 0.00	26.34 -0.68 0.00	26.40 -0.48 0.00	25.88 -0.58 0.00	25.84 -0.64 0.00	25.82 -0.74 0.00	26.33 -0.73 0.00	33.19 -1.71 0.00	35.32 -2.09 0.00	30.71 -1.18 0.00	29.12 -1.12 0.00	27.72 -0.77 0.00	26.18 -0.73 0.00	25.75 -0.55 0.00	25.31 -0.57 0.00
GELCKHM___115KV_LOAD 80723	31.48 -0.81 0.00	29.87 -0.73 0.00	27.22 -0.64 0.00	26.86 -0.63 0.00	26.45 -0.57 0.00	27.44 -0.62 0.00	30.92 -0.70 0.00	33.57 -0.76 0.00	32.77 -0.70 0.00	31.96 -0.65 0.00	26.55 -0.46 0.00	26.45 -0.43 0.00	25.99 -0.48 0.00	26.00 -0.48 0.00	26.06 -0.50 0.00	26.57 -0.49 0.00	34.09 -0.80 0.00	36.55 -0.86 0.00	31.26 -0.64 0.00	29.63 -0.60 0.00	27.98 -0.51 0.00	26.40 -0.51 0.00	25.80 -0.50 0.00	25.47 -0.41 0.00
GENERAL___MILLS 23808	30.68 -1.61 0.00	29.26 -1.35 0.00	26.66 -1.20 0.00	26.26 -1.24 0.00	26.13 -0.89 0.00	27.07 -0.98 0.00	30.03 -1.58 0.00	32.44 -1.89 0.00	31.60 -1.87 0.00	30.85 -1.76 0.00	26.28 -0.73 0.00	26.35 -0.54 0.00	25.80 -0.66 0.00	25.79 -0.69 0.00	25.77 -0.80 0.00	26.28 -0.78 0.00	33.12 -1.78 0.00	35.24 -2.17 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.67 -0.83 0.00	26.13 -0.78 0.00	25.70 -0.60 0.00	25.26 -0.62 0.00
GE_PLASTICS___DRP 24183	33.00 0.71 0.00	31.37 0.77 0.00	28.58 0.72 0.00	28.24 0.74 0.00	27.70 0.68 0.00	28.73 0.67 0.00	32.37 0.76 0.00	35.08 0.76 0.00	34.11 0.64 0.00	33.20 0.59 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.86 0.40 0.00	26.84 0.37 0.00	26.99 0.43 0.00	27.44 0.38 0.00	35.52 0.63 0.00	38.16 0.75 0.00	32.40 0.51 0.00	30.72 0.48 0.00	28.92 0.43 0.00	27.37 0.46 0.00	26.72 0.42 0.00	26.25 0.36 0.00
GILBOA___1 23756	33.04 0.74 0.00	31.34 0.73 0.00	28.52 0.67 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.67 0.62 0.00	32.34 0.73 0.00	35.12 0.79 0.00	34.24 0.77 0.00	33.32 0.72 0.00	27.52 0.51 0.00	27.39 0.51 0.00	26.99 0.53 0.00	27.00 0.53 0.00	27.10 0.53 0.00	27.57 0.51 0.00	35.66 0.77 0.00	38.27 0.86 0.00	32.60 0.70 0.00	30.90 0.66 0.00	29.09 0.60 0.00	27.48 0.57 0.00	26.83 0.53 0.00	26.32 0.44 0.00
GILBOA___2 23757	33.04 0.74 0.00	31.34 0.73 0.00	28.52 0.67 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.67 0.62 0.00	32.34 0.73 0.00	35.12 0.79 0.00	34.24 0.77 0.00	33.32 0.72 0.00	27.52 0.51 0.00	27.39 0.51 0.00	26.99 0.53 0.00	27.00 0.53 0.00	27.10 0.53 0.00	27.57 0.51 0.00	35.66 0.77 0.00	38.27 0.86 0.00	32.60 0.70 0.00	30.90 0.66 0.00	29.09 0.60 0.00	27.48 0.57 0.00	26.83 0.53 0.00	26.32 0.44 0.00
GILBOA___3 23758	33.04 0.74 0.00	31.34 0.73 0.00	28.52 0.67 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.67 0.62 0.00	32.34 0.73 0.00	35.12 0.79 0.00	34.24 0.77 0.00	33.32 0.72 0.00	27.52 0.51 0.00	27.39 0.51 0.00	26.99 0.53 0.00	27.00 0.53 0.00	27.10 0.53 0.00	27.57 0.51 0.00	35.66 0.77 0.00	38.27 0.86 0.00	32.60 0.70 0.00	30.90 0.66 0.00	29.09 0.60 0.00	27.48 0.57 0.00	26.83 0.53 0.00	26.32 0.44 0.00

GILBOA___4 23759	33.04 0.74 0.00	31.34 0.73 0.00	28.52 0.67 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.67 0.62 0.00	32.34 0.73 0.00	35.12 0.79 0.00	34.24 0.77 0.00	33.32 0.72 0.00	27.52 0.51 0.00	27.39 0.51 0.00	26.99 0.53 0.00	27.00 0.53 0.00	27.10 0.53 0.00	27.57 0.51 0.00	35.66 0.77 0.00	38.27 0.86 0.00	32.60 0.70 0.00	30.90 0.66 0.00	29.09 0.60 0.00	27.48 0.57 0.00	26.83 0.53 0.00	26.32 0.44 0.00
GILBOA____ 23599	33.07 0.78 0.00	31.34 0.73 0.00	28.50 0.64 0.00	28.15 0.66 0.00	27.61 0.59 0.00	28.67 0.62 0.00	32.34 0.73 0.00	35.12 0.79 0.00	34.24 0.77 0.00	33.33 0.72 0.00	27.52 0.51 0.00	27.40 0.51 0.00	26.99 0.53 0.00	26.98 0.50 0.00	27.13 0.56 0.00	27.58 0.51 0.00	35.66 0.77 0.00	38.27 0.86 0.00	32.60 0.70 0.00	30.90 0.67 0.00	29.09 0.60 0.00	27.50 0.59 0.00	26.85 0.55 0.00	26.37 0.49 0.00
GINNA____ 23603	29.77 -2.52 0.00	28.10 -2.51 0.00	25.60 -2.26 0.00	25.24 -2.25 0.00	24.97 -2.05 0.00	25.98 -2.08 0.00	29.12 -2.50 0.00	31.51 -2.81 0.00	30.76 -2.71 0.00	30.13 -2.48 0.00	25.31 -1.70 0.00	25.08 -1.80 0.00	24.66 -1.80 0.00	24.59 -1.88 0.00	24.68 -1.89 0.00	25.19 -1.87 0.00	32.21 -2.69 0.00	34.42 -2.99 0.00	29.60 -2.30 0.00	28.09 -2.15 0.00	26.55 -1.94 0.00	25.03 -1.88 0.00	24.49 -1.81 0.00	24.15 -1.73 0.00
GLEN PARK____ 23778	32.00 -0.29 0.00	30.24 -0.37 0.00	27.52 -0.33 0.00	27.11 -0.38 0.00	26.72 -0.30 0.00	27.77 -0.28 0.00	31.49 -0.13 0.00	34.29 -0.03 0.00	33.40 -0.07 0.00	32.45 -0.16 0.00	26.93 -0.08 0.00	26.64 -0.24 0.00	26.22 -0.24 0.00	26.34 -0.13 0.00	26.38 -0.18 0.00	27.09 0.03 0.00	35.00 0.11 0.00	37.34 -0.07 0.00	31.77 -0.13 0.00	30.27 0.03 0.00	28.43 -0.06 0.00	26.69 -0.22 0.00	25.99 -0.31 0.00	25.52 -0.36 0.00
GLENDALE_27_KV_LOAD 356172	34.23 1.94 0.00	32.26 1.65 0.00	29.39 1.53 0.00	28.98 1.48 0.00	28.42 1.41 0.00	29.54 1.49 0.00	33.29 1.68 0.00	36.18 1.85 0.00	35.38 1.91 0.00	34.47 1.86 0.00	28.39 1.38 0.00	28.26 1.37 0.00	27.89 1.43 0.00	27.85 1.38 0.00	28.00 1.43 0.00	28.39 1.33 0.00	36.85 1.95 0.00	39.58 2.17 0.00	33.81 1.91 0.00	32.05 1.81 0.00	29.94 1.45 0.00	28.42 1.51 0.00	27.72 1.42 0.00	27.15 1.27 0.00
GLENWOOD_IC_1_G5 23712	47.01 2.26 -12.46	45.60 2.11 -12.88	41.25 1.92 -11.47	37.59 1.90 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.50	41.98 2.18 -8.19	47.05 2.44 -10.29	48.72 2.41 -12.84	41.50 2.35 -6.54	34.37 1.81 -5.55	33.28 1.80 -4.59	32.68 1.80 -4.42	32.76 1.77 -4.52	33.62 1.83 -5.22	34.30 1.79 -5.45	41.14 2.34 -3.91	52.72 2.62 -12.69	46.57 2.26 -12.41	42.15 2.12 -9.80	39.09 1.97 -8.64	38.49 1.94 -9.64	34.80 1.81 -6.69	33.36 1.66 -5.82
GLENWOOD_IC_2_G1 23688	46.97 2.23 -12.45	45.57 2.08 -12.87	41.20 1.87 -11.47	37.54 1.84 -8.20	39.03 1.73 -10.28	41.38 1.82 -11.50	41.92 2.12 -8.19	46.98 2.37 -10.29	48.65 2.34 -12.83	41.40 2.25 -6.54	34.21 1.65 -5.55	33.20 1.72 -4.59	32.58 1.70 -4.42	32.68 1.70 -4.52	33.51 1.73 -5.22	34.19 1.68 -5.45	41.14 2.34 -3.91	52.68 2.58 -12.69	46.54 2.23 -12.41	42.15 2.12 -9.80	39.01 1.88 -8.64	38.30 1.75 -9.64	34.65 1.66 -6.69	33.18 1.47 -5.82
GLENWOOD_IC_3_G1 23689	46.97 2.23 -12.45	45.57 2.08 -12.87	41.20 1.87 -11.47	37.54 1.84 -8.20	39.03 1.73 -10.28	41.38 1.82 -11.50	41.92 2.12 -8.19	46.98 2.37 -10.29	48.65 2.34 -12.83	41.40 2.25 -6.54	34.21 1.65 -5.55	33.20 1.72 -4.59	32.58 1.70 -4.42	32.68 1.70 -4.52	33.51 1.73 -5.22	34.19 1.68 -5.45	41.14 2.34 -3.91	52.68 2.58 -12.69	46.54 2.23 -12.41	42.15 2.12 -9.80	39.01 1.88 -8.64	38.30 1.75 -9.64	34.65 1.66 -6.69	33.18 1.47 -5.82
GLENWOOD___4 23550	47.04 2.29 -12.46	45.60 2.11 -12.88	41.25 1.92 -11.47	37.59 1.90 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.50	41.98 2.18 -8.19	47.05 2.44 -10.29	48.72 2.41 -12.84	41.50 2.35 -6.54	34.37 1.81 -5.55	33.28 1.80 -4.59	32.68 1.80 -4.42	32.76 1.77 -4.52	33.62 1.83 -5.22	34.30 1.79 -5.45	41.21 2.41 -3.91	52.76 2.66 -12.69	46.60 2.30 -12.41	42.21 2.18 -9.80	39.09 1.97 -8.64	38.49 1.94 -9.64	34.80 1.81 -6.69	33.36 1.66 -5.82
GLENWOOD___5 23614	47.04 2.29 -12.46	45.60 2.11 -12.88	41.25 1.92 -11.47	37.59 1.90 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.50	41.98 2.18 -8.19	47.05 2.44 -10.29	48.72 2.41 -12.84	41.50 2.35 -6.54	34.37 1.81 -5.55	33.28 1.80 -4.59	32.68 1.80 -4.42	32.76 1.77 -4.52	33.62 1.83 -5.22	34.30 1.79 -5.45	41.21 2.41 -3.91	52.76 2.66 -12.69	46.60 2.30 -12.41	42.21 2.18 -9.80	39.09 1.97 -8.64	38.49 1.94 -9.64	34.80 1.81 -6.69	33.36 1.66 -5.82
GLOBAL GREEN_PORT_GT1 23814	48.95 4.20 -12.46	47.44 3.95 -12.88	42.84 3.51 -11.47	39.13 3.44 -8.20	40.65 3.35 -10.28	43.16 3.59 -11.51	43.91 4.11 -8.19	49.15 4.53 -10.29	50.76 4.45 -12.84	43.26 4.11 -6.54	35.78 3.21 -5.55	34.68 3.20 -4.59	34.00 3.12 -4.42	34.08 3.10 -4.52	34.97 3.19 -5.22	35.79 3.27 -5.45	43.41 4.61 -3.91	55.27 5.16 -12.69	48.81 4.50 -12.42	44.21 4.17 -9.80	40.86 3.73 -8.64	40.07 3.52 -9.64	36.25 3.26 -6.69	34.70 3.00 -5.82
GLOBE___DSASP 323697	29.16 -3.13 0.00	27.85 -2.75 0.00	25.41 -2.45 0.00	25.02 -2.47 0.00	24.89 -2.13 0.00	25.78 -2.27 0.00	28.48 -3.13 0.00	30.62 -3.71 0.00	29.86 -3.61 0.00	29.15 -3.46 0.00	24.88 -2.13 0.00	25.00 -1.88 0.00	24.50 -1.96 0.00	24.51 -1.96 0.00	24.47 -2.10 0.00	24.95 -2.11 0.00	31.30 -3.59 0.00	33.29 -4.12 0.00	29.02 -2.87 0.00	27.55 -2.69 0.00	26.27 -2.22 0.00	24.78 -2.13 0.00	24.41 -1.89 0.00	24.10 -1.79 0.00
GOETHSLN___LBMP 323567	33.91 1.61 0.00	31.96 1.35 0.00	29.11 1.25 0.00	28.70 1.21 0.00	28.18 1.16 0.00	29.32 1.26 0.00	33.04 1.42 0.00	35.94 1.61 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.59 1.11 0.00	27.76 1.20 0.00	28.17 1.11 0.00	36.50 1.61 0.00	39.17 1.76 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.72 1.23 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.87 0.98 0.00
GOLAH___69_KV_TB 1_2 80279	30.77 -1.52 0.00	29.29 -1.32 0.00	26.72 -1.14 0.00	26.34 -1.15 0.00	26.10 -0.92 0.00	27.16 -0.90 0.00	30.32 -1.30 0.00	32.78 -1.54 0.00	32.03 -1.44 0.00	31.30 -1.30 0.00	26.39 -0.62 0.00	26.37 -0.51 0.00	25.80 -0.66 0.00	25.81 -0.66 0.00	25.77 -0.80 0.00	26.33 -0.73 0.00	33.47 -1.43 0.00	35.73 -1.68 0.00	30.91 -0.99 0.00	29.27 -0.97 0.00	27.72 -0.77 0.00	26.13 -0.78 0.00	25.59 -0.71 0.00	25.26 -0.62 0.00
GOODYEAR_LAKE_HYD 323669	33.81 1.52 0.00	31.99 1.38 0.00	29.08 1.23 0.00	28.70 1.21 0.00	28.24 1.22 0.00	29.35 1.29 0.00	33.16 1.55 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.50 1.49 0.00	28.28 1.40 0.00	27.79 1.32 0.00	27.77 1.30 0.00	27.84 1.28 0.00	28.47 1.41 0.00	36.82 1.92 0.00	39.39 1.98 0.00	33.62 1.72 0.00	31.84 1.60 0.00	29.94 1.45 0.00	28.23 1.32 0.00	27.54 1.24 0.00	27.02 1.14 0.00

GOUDEY___1	32.20 -0.10 0.00	30.55 -0.06 0.00	27.80 -0.06 0.00	27.44 -0.05 0.00	27.07 0.05 0.00	28.08 0.03 0.00	31.58 -0.03 0.00	34.33 0.00 0.00	33.44 -0.03 0.00	32.58 -0.03 0.00	27.17 0.16 0.00	27.07 0.19 0.00	26.59 0.13 0.00	26.58 0.11 0.00	26.65 0.08 0.00	27.20 0.14 0.00	34.86 -0.03 0.00	37.34 -0.07 0.00	31.99 0.10 0.00	30.33 0.09 0.00	28.63 0.14 0.00	27.04 0.13 0.00	26.43 0.13 0.00	26.01 0.13 0.00
GOUDEY___7	32.23 -0.06 0.00	30.58 -0.03 0.00	27.83 -0.03 0.00	27.47 -0.03 0.00	27.10 0.08 0.00	28.11 0.06 0.00	31.61 0.00 0.00	34.36 0.03 0.00	33.47 0.00 0.00	32.61 0.00 0.00	27.23 0.22 0.00	27.13 0.24 0.00	26.62 0.16 0.00	26.61 0.13 0.00	26.70 0.13 0.00	27.22 0.16 0.00	34.90 0.00 0.00	37.37 -0.04 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.69 0.20 0.00	27.07 0.16 0.00	26.46 0.16 0.00	26.04 0.16 0.00
GOUDEY___8	32.20 -0.10 0.00	30.55 -0.06 0.00	27.80 -0.06 0.00	27.44 -0.05 0.00	27.07 0.05 0.00	28.08 0.03 0.00	31.58 -0.03 0.00	34.33 0.00 0.00	33.44 -0.03 0.00	32.58 -0.03 0.00	27.17 0.16 0.00	27.07 0.19 0.00	26.59 0.13 0.00	26.58 0.11 0.00	26.65 0.08 0.00	27.20 0.14 0.00	34.86 -0.03 0.00	37.34 -0.07 0.00	31.99 0.10 0.00	30.33 0.09 0.00	28.63 0.14 0.00	27.04 0.13 0.00	26.43 0.13 0.00	26.01 0.13 0.00
GOWANUS_GT1_1	34.36 2.07 0.00	32.32 1.71 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.26 1.64 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.43 1.83 0.00	28.34 1.32 0.00	28.20 1.32 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.98 1.41 0.00	28.33 1.27 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.44 1.53 0.00	27.77 1.47 0.00	27.20 1.32 0.00
GOWANUS_GT1_2	34.36 2.07 0.00	32.32 1.71 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.26 1.64 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.43 1.83 0.00	28.34 1.32 0.00	28.20 1.32 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.98 1.41 0.00	28.33 1.27 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.44 1.53 0.00	27.77 1.47 0.00	27.20 1.32 0.00
GOWANUS_GT1_3	34.36 2.07 0.00	32.32 1.71 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.26 1.64 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.43 1.83 0.00	28.34 1.32 0.00	28.20 1.32 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.98 1.41 0.00	28.33 1.27 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.44 1.53 0.00	27.77 1.47 0.00	27.20 1.32 0.00
GOWANUS_GT1_4	34.36 2.07 0.00	32.32 1.71 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.26 1.64 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.43 1.83 0.00	28.34 1.32 0.00	28.20 1.32 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.98 1.41 0.00	28.33 1.27 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.44 1.53 0.00	27.77 1.47 0.00	27.20 1.32 0.00
GOWANUS_GT1_5	34.36 2.07 0.00	32.32 1.71 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.26 1.64 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.43 1.83 0.00	28.34 1.32 0.00													

GOWANUS_GT2_5 24118	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
GOWANUS_GT2_6 24119	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
GOWANUS_GT2_7 24120	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
GOWANUS_GT2_8 24121	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
GOWANUS_GT3_1 24122	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT3_2 24123	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT3_3 24124	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT3_4 24125	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT3_5 24126	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT3_6 24127	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT3_7 24128	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT3_8 24129	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
GOWANUS_GT4_1 24130	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GOWANUS_GT4_2 24131	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GOWANUS_GT4_3 24132	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00

GOWANUS_GT4_4 24133	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GOWANUS_GT4_5 24134	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GOWANUS_GT4_6 24135	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GOWANUS_GT4_7 24136	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GOWANUS_GT4_8 24137	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GREENBSH_115KV_TB3 55895	32.91 0.61 0.00	31.34 0.73 0.00	28.58 0.72 0.00	28.26 0.77 0.00	27.70 0.68 0.00	28.70 0.65 0.00	32.34 0.73 0.00	35.05 0.72 0.00	33.97 0.50 0.00	33.06 0.46 0.00	27.23 0.22 0.00	27.10 0.22 0.00	26.73 0.26 0.00	26.71 0.24 0.00	26.86 0.29 0.00	27.33 0.27 0.00	35.38 0.49 0.00	38.01 0.60 0.00	32.25 0.35 0.00	30.54 0.30 0.00	28.80 0.31 0.00	27.23 0.32 0.00	26.62 0.32 0.00	26.09 0.21 0.00
GREENDGE_115KV_TB5 80291	32.03 -0.26 0.00	30.42 -0.18 0.00	27.69 -0.17 0.00	27.30 -0.19 0.00	27.02 0.00 0.00	28.03 -0.03 0.00	31.49 -0.13 0.00	34.12 -0.21 0.00	33.34 -0.13 0.00	32.48 -0.13 0.00	27.23 0.22 0.00	27.13 0.24 0.00	26.62 0.16 0.00	26.61 0.13 0.00	26.65 0.08 0.00	27.22 0.16 0.00	34.62 -0.28 0.00	36.81 -0.60 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.72 0.23 0.00	27.07 0.16 0.00	26.43 0.13 0.00	26.01 0.13 0.00
GREENIDGE___3 23582	32.03 -0.26 0.00	30.42 -0.18 0.00	27.69 -0.17 0.00	27.30 -0.19 0.00	27.02 0.00 0.00	28.03 -0.03 0.00	31.49 -0.13 0.00	34.12 -0.21 0.00	33.34 -0.13 0.00	32.48 -0.13 0.00	27.23 0.22 0.00	27.13 0.24 0.00	26.62 0.16 0.00	26.61 0.13 0.00	26.65 0.08 0.00	27.22 0.16 0.00	34.62 -0.28 0.00	36.81 -0.60 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.72 0.23 0.00	27.07 0.16 0.00	26.43 0.13 0.00	26.01 0.13 0.00
GREENIDGE___4 23583	32.20 -0.10 0.00	30.40 -0.21 0.00	27.69 -0.17 0.00	27.30 -0.19 0.00	26.99 -0.03 0.00	28.11 0.06 0.00	31.55 -0.06 0.00	34.19 -0.14 0.00	33.30 -0.17 0.00	32.54 -0.07 0.00	27.34 0.33 0.00	27.13 0.24 0.00	26.67 0.21 0.00	26.61 0.13 0.00	26.70 0.13 0.00	27.22 0.16 0.00	34.65 -0.24 0.00	36.85 -0.56 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.72 0.23 0.00	27.07 0.16 0.00	26.38 0.08 0.00	26.01 0.13 0.00
GREENLWN_69_KV_BK 3 55738	47.17 2.42 -12.46	45.63 2.14 -12.88	41.25 1.92 -11.47	37.59 1.90 -8.20	39.11 1.81 -10.28	41.50 1.94 -11.51	41.98 2.18 -8.19	47.06 2.44 -10.29	48.72 2.41 -12.84	41.46 2.32 -6.54	34.35 1.78 -5.55	33.23 1.75 -4.59	32.66 1.77 -4.42	32.74 1.75 -4.52	33.59 1.81 -5.22	34.27 1.76 -5.45	41.32 2.51 -3.91	52.87 2.77 -12.69	46.70 2.39 -12.42	42.28 2.24 -9.80	39.09 1.97 -8.64	38.49 1.94 -9.64	34.80 1.81 -6.69	33.33 1.63 -5.82
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00
GRISSOM___SOLAR 323813	36.49 4.20 0.00	34.53 3.92 0.00	31.34 3.48 0.00	30.93 3.44 0.00	30.34 3.32 0.00	31.70 3.65 0.00	35.94 4.33 0.00	39.17 4.84 0.00	38.39 4.92 0.00	37.14 4.53 0.00	30.63 3.62 0.00	30.41 3.52 0.00	29.85 3.39 0.00	29.78 3.31 0.00	29.97 3.40 0.00	30.80 3.74 0.00	40.30 5.41 0.00	42.99 5.58 0.00	36.46 4.56 0.00	34.50 4.26 0.00	32.48 3.99 0.00	30.57 3.66 0.00	29.77 3.47 0.00	29.09 3.21 0.00
GROVEVILLE___HYD 323602	34.20 1.91 0.00	32.29 1.68 0.00	29.33 1.48 0.00	28.98 1.48 0.00	28.40 1.38 0.00	29.51 1.46 0.00	33.32 1.71 0.00	36.18 1.85 0.00	35.35 1.87 0.00	34.40 1.79 0.00	28.28 1.27 0.00	28.09 1.21 0.00	27.71 1.24 0.00	27.66 1.19 0.00	27.84 1.28 0.00	28.36 1.30 0.00	36.78 1.88 0.00	39.54 2.13 0.00	33.68 1.79 0.00	31.90 1.66 0.00	29.94 1.45 0.00	28.36 1.45 0.00	27.64 1.34 0.00	27.07 1.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.71 -0.58 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.03 -0.47 0.00	26.61 -0.41 0.00	27.63 -0.42 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.00 -0.47 0.00	32.18 -0.42 0.00	26.77 -0.24 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.25 -0.32 0.00	26.76 -0.30 0.00	34.37 -0.52 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	25.98 -0.32 0.00	25.65 -0.23 0.00
HAMLTNNY_34_KV_TB 80303	31.74 -0.55 0.00	30.12 -0.49 0.00	27.41 -0.45 0.00	27.05 -0.44 0.00	26.64 -0.38 0.00	27.66 -0.39 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.04 -0.44 0.00	32.22 -0.39 0.00	26.80 -0.22 0.00	26.70 -0.19 0.00	26.22 -0.24 0.00	26.21 -0.26 0.00	26.28 -0.29 0.00	26.82 -0.24 0.00	34.41 -0.49 0.00	36.85 -0.56 0.00	31.54 -0.35 0.00	29.90 -0.33 0.00	28.23 -0.26 0.00	26.64 -0.27 0.00	26.01 -0.29 0.00	25.68 -0.21 0.00

HAMPSHIRE___PAPER_HYD 323593	31.84 -0.45 0.00	30.15 -0.46 0.00	27.44 -0.42 0.00	27.05 -0.44 0.00	26.62 -0.40 0.00	27.66 -0.39 0.00	31.27 -0.35 0.00	34.02 -0.31 0.00	33.17 -0.30 0.00	32.28 -0.33 0.00	26.72 -0.30 0.00	26.51 -0.38 0.00	26.07 -0.40 0.00	26.16 -0.32 0.00	26.20 -0.37 0.00	26.79 -0.27 0.00	34.55 -0.35 0.00	36.92 -0.49 0.00	31.45 -0.45 0.00	29.91 -0.33 0.00	28.15 -0.34 0.00	26.48 -0.43 0.00	25.80 -0.50 0.00	25.34 -0.54 0.00
HARDSCRABBLE_WT_PWR 323673	31.97 -0.32 0.00	30.33 -0.28 0.00	27.63 -0.22 0.00	27.30 -0.19 0.00	26.83 -0.19 0.00	27.86 -0.20 0.00	31.42 -0.19 0.00	34.16 -0.17 0.00	33.34 -0.13 0.00	32.51 -0.10 0.00	26.93 -0.08 0.00	26.86 -0.03 0.00	26.44 -0.03 0.00	26.47 0.00 0.00	26.51 -0.05 0.00	27.03 -0.03 0.00	34.86 -0.03 0.00	37.34 -0.07 0.00	31.74 -0.16 0.00	30.06 -0.18 0.00	28.32 -0.17 0.00	26.75 -0.16 0.00	26.12 -0.18 0.00	25.70 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.84 1.55 0.00	31.96 1.35 0.00	29.08 1.23 0.00	28.70 1.21 0.00	28.15 1.13 0.00	29.26 1.21 0.00	33.04 1.42 0.00	35.87 1.54 0.00	35.01 1.54 0.00	34.08 1.47 0.00	28.07 1.05 0.00	27.91 1.02 0.00	27.49 1.03 0.00	27.48 1.01 0.00	27.66 1.09 0.00	28.14 1.08 0.00	36.47 1.57 0.00	39.17 1.76 0.00	33.43 1.53 0.00	31.66 1.42 0.00	29.72 1.23 0.00	28.15 1.24 0.00	27.43 1.13 0.00	26.87 0.98 0.00
HARSNRAD_115KV_TB1 81005	29.93 -2.36 0.00	28.59 -2.02 0.00	26.05 -1.81 0.00	25.65 -1.84 0.00	25.51 -1.51 0.00	26.46 -1.60 0.00	29.27 -2.34 0.00	31.55 -2.78 0.00	30.73 -2.74 0.00	30.00 -2.61 0.00	25.58 -1.43 0.00	25.67 -1.21 0.00	25.14 -1.32 0.00	25.15 -1.32 0.00	25.11 -1.46 0.00	25.63 -1.43 0.00	32.21 -2.69 0.00	34.30 -3.11 0.00	29.85 -2.04 0.00	28.33 -1.90 0.00	26.98 -1.51 0.00	25.48 -1.43 0.00	25.06 -1.24 0.00	24.72 -1.16 0.00
HARZA MOOSE___RIVER 24016	32.71 0.42 0.00	30.98 0.37 0.00	28.16 0.31 0.00	27.80 0.30 0.00	27.34 0.32 0.00	28.45 0.39 0.00	32.15 0.54 0.00	35.01 0.69 0.00	34.17 0.70 0.00	33.23 0.62 0.00	27.52 0.51 0.00	27.31 0.43 0.00	26.86 0.40 0.00	26.90 0.42 0.00	26.97 0.40 0.00	27.60 0.54 0.00	35.49 0.59 0.00	37.90 0.49 0.00	32.28 0.38 0.00	30.78 0.54 0.00	28.95 0.46 0.00	27.23 0.32 0.00	26.56 0.26 0.00	26.09 0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.45 -0.84 0.00	29.90 -0.70 0.00	27.24 -0.61 0.00	26.89 -0.60 0.00	26.48 -0.54 0.00	27.49 -0.56 0.00	30.95 -0.66 0.00	33.61 -0.72 0.00	32.80 -0.67 0.00	31.99 -0.62 0.00	26.61 -0.41 0.00	26.48 -0.40 0.00	26.01 -0.45 0.00	26.02 -0.45 0.00	26.09 -0.48 0.00	26.57 -0.49 0.00	34.09 -0.80 0.00	36.51 -0.90 0.00	31.22 -0.67 0.00	29.66 -0.57 0.00	28.01 -0.48 0.00	26.45 -0.46 0.00	25.85 -0.45 0.00	25.49 -0.39 0.00
HELLGATE_13_KV_LD 55870	34.07 1.78 0.00	32.11 1.50 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.07 1.78 0.00	32.11 1.50 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
HEMPSTEAD____ 23647	46.95 2.20 -12.46	45.51 2.02 -12.88	41.17 1.84 -11.47	37.48 1.79 -8.20	39.00 1.70 -10.28	41.36 1.80 -11.51	41.89 2.09 -8.19	46.92 2.30 -10.29	48.62 2.31 -12.84	41.37 2.22 -6.54	34.18 1.62 -5.55	33.15 1.67 -4.59	32.55 1.67 -4.42	32.63 1.64 -4.52	33.49 1.70 -5.22	34.17 1.65 -5.45	41.11 2.30 -3.91	52.65 2.55 -12.69	46.51 2.20 -12.41	42.12 2.08 -9.80	38.95 1.83 -8.64	38.27 1.72 -9.64	34.62 1.63 -6.69	33.15 1.45 -5.82
HEWLETT__69_KV_BK3 55828	47.17 2.42 -12.45	45.66 2.17 -12.88	41.31 1.98 -11.47	37.65 1.95 -8.20	39.16 1.86 -10.28	41.52 1.96 -11.50	42.02 2.21 -8.19	47.05 2.44 -10.29	48.75 2.44 -12.83	41.56 2.41 -6.54	34.40 1.84 -5.55	33.31 1.83 -4.59	32.71 1.83 -4.42	32.79 1.80 -4.52	33.65 1.86 -5.22	34.33 1.81 -5.45	41.32 2.51 -3.91	52.72 2.62 -12.69	46.57 2.26 -12.41	42.34 2.30 -9.80	39.12 1.99 -8.64	38.51 1.96 -9.64	34.85 1.87 -6.69	33.38 1.68 -5.82
HICKLING___1 23621	32.03 -0.26 0.00	30.39 -0.21 0.00	27.69 -0.17 0.00	27.30 -0.19 0.00	27.05 0.03 0.00	28.06 0.00 0.00	31.46 -0.16 0.00	34.12 -0.21 0.00	33.24 -0.23 0.00	32.38 -0.23 0.00	27.23 0.22 0.00	27.15 0.27 0.00	26.62 0.16 0.00	26.61 0.13 0.00	26.65 0.08 0.00	27.20 0.14 0.00	34.65 -0.24 0.00	37.00 -0.41 0.00	31.89 0.00 0.00	30.24 0.00 0.00	28.63 0.14 0.00	27.04 0.13 0.00	26.43 0.13 0.00	26.01 0.13 0.00
HICKLING___2 23622	32.03 -0.26 0.00	30.39 -0.21 0.00	27.69 -0.17 0.00	27.30 -0.19 0.00	27.05 0.03 0.00	28.06 0.00 0.00	31.46 -0.16 0.00	34.12 -0.21 0.00	33.24 -0.23 0.00	32.38 -0.23 0.00	27.23 0.22 0.00	27.15 0.27 0.00	26.62 0.16 0.00	26.61 0.13 0.00	26.65 0.08 0.00	27.20 0.14 0.00	34.65 -0.24 0.00	37.00 -0.41 0.00	31.89 0.00 0.00	30.24 0.00 0.00	28.63 0.14 0.00	27.04 0.13 0.00	26.43 0.13 0.00	26.01 0.13 0.00
HIGH FALLS___HY 23754	34.29 2.00 0.00	32.32 1.71 0.00	29.33 1.48 0.00	28.95 1.46 0.00	28.42 1.41 0.00	29.57 1.51 0.00	33.42 1.80 0.00	36.28 1.96 0.00	35.48 2.01 0.00	34.47 1.86 0.00	28.31 1.30 0.00	28.12 1.24 0.00	27.65 1.19 0.00	27.64 1.16 0.00	27.82 1.25 0.00	28.41 1.35 0.00	36.92 2.02 0.00	39.69 2.28 0.00	33.90 2.01 0.00	32.11 1.87 0.00	30.09 1.60 0.00	28.52 1.61 0.00	27.77 1.47 0.00	27.18 1.29 0.00
HILLBURN___GT 23639	33.71 1.42 0.00	31.92 1.32 0.00	29.05 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.21 1.15 0.00	33.00 1.39 0.00	35.87 1.55 0.00	35.01 1.54 0.00	34.04 1.43 0.00	27.98 0.97 0.00	27.91 1.02 0.00	27.47 1.01 0.00	27.48 1.01 0.00	27.63 1.06 0.00	28.09 1.03 0.00	36.40 1.50 0.00	39.09 1.68 0.00	33.33 1.44 0.00	31.60 1.36 0.00	29.66 1.17 0.00	28.01 1.10 0.00	27.30 1.00 0.00	26.74 0.85 0.00
HILLSIDE_115KV_TB1 80332	31.65 -0.65 0.00	30.03 -0.58 0.00	27.36 -0.50 0.00	27.00 -0.49 0.00	26.72 -0.30 0.00	27.72 -0.34 0.00	31.08 -0.54 0.00	33.71 -0.62 0.00	32.83 -0.64 0.00	31.96 -0.65 0.00	26.85 -0.16 0.00	26.78 -0.11 0.00	26.28 -0.19 0.00	26.24 -0.24 0.00	26.30 -0.27 0.00	26.84 -0.22 0.00	34.20 -0.70 0.00	36.55 -0.86 0.00	31.48 -0.41 0.00	29.84 -0.39 0.00	28.26 -0.23 0.00	26.72 -0.19 0.00	26.12 -0.18 0.00	25.70 -0.18 0.00

HISHELDN_WT_PWR 323625	31.00 -1.29 0.00	29.23 -1.38 0.00	26.66 -1.20 0.00	26.31 -1.18 0.00	26.07 -0.95 0.00	27.21 -0.84 0.00	30.16 -1.45 0.00	32.47 -1.85 0.00	31.66 -1.81 0.00	31.04 -1.56 0.00	26.47 -0.54 0.00	26.24 -0.65 0.00	25.85 -0.61 0.00	25.68 -0.79 0.00	25.80 -0.77 0.00	26.22 -0.84 0.00	33.12 -1.78 0.00	35.24 -2.17 0.00	30.59 -1.31 0.00	29.00 -1.24 0.00	27.58 -0.91 0.00	26.08 -0.83 0.00	25.48 -0.82 0.00	25.16 -0.72 0.00
HOLTSVILLE_IC_1 23690	47.69 2.94 -12.46	46.27 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.62 2.32 -10.28	42.03 2.47 -11.51	42.62 2.81 -8.19	47.74 3.12 -10.29	49.36 3.05 -12.84	41.99 2.84 -6.54	34.67 2.11 -5.55	33.63 2.15 -4.59	33.03 2.14 -4.42	33.11 2.12 -4.52	33.97 2.18 -5.22	34.71 2.19 -5.45	41.88 3.07 -3.91	53.47 3.37 -12.69	47.28 2.97 -12.42	42.79 2.75 -9.80	39.55 2.42 -8.64	38.86 2.31 -9.64	35.14 2.16 -6.69	33.67 1.97 -5.82
HOLTSVILLE_IC_10 23699	47.85 3.10 -12.46	46.43 2.94 -12.88	41.95 2.62 -11.47	38.25 2.56 -8.20	39.76 2.46 -10.28	42.17 2.61 -11.51	42.81 3.00 -8.19	47.91 3.30 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.83 2.27 -5.55	33.76 2.28 -4.59	33.16 2.28 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.87 2.35 -5.45	42.12 3.32 -3.91	53.73 3.63 -12.69	47.50 3.19 -12.42	43.00 2.96 -9.80	39.75 2.62 -8.64	39.02 2.47 -9.64	35.30 2.31 -6.69	33.82 2.12 -5.82
HOLTSVILLE_IC_2 23691	47.69 2.94 -12.46	46.27 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.62 2.32 -10.28	42.03 2.47 -11.51	42.62 2.81 -8.19	47.74 3.12 -10.29	49.36 3.05 -12.84	41.99 2.84 -6.54	34.67 2.11 -5.55	33.63 2.15 -4.59	33.03 2.14 -4.42	33.11 2.12 -4.52	33.97 2.18 -5.22	34.71 2.19 -5.45	41.88 3.07 -3.91	53.47 3.37 -12.69	47.28 2.97 -12.42	42.79 2.75 -9.80	39.55 2.42 -8.64	38.86 2.31 -9.64	35.14 2.16 -6.69	33.67 1.97 -5.82
HOLTSVILLE_IC_3 23692	47.69 2.94 -12.46	46.27 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.62 2.32 -10.28	42.03 2.47 -11.51	42.62 2.81 -8.19	47.74 3.12 -10.29	49.36 3.05 -12.84	41.99 2.84 -6.54	34.67 2.11 -5.55	33.63 2.15 -4.59	33.03 2.14 -4.42	33.11 2.12 -4.52	33.97 2.18 -5.22	34.71 2.19 -5.45	41.88 3.07 -3.91	53.47 3.37 -12.69	47.28 2.97 -12.42	42.79 2.75 -9.80	39.55 2.42 -8.64	38.86 2.31 -9.64	35.14 2.16 -6.69	33.67 1.97 -5.82
HOLTSVILLE_IC_4 23693	47.69 2.94 -12.46	46.27 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.62 2.32 -10.28	42.03 2.47 -11.51	42.62 2.81 -8.19	47.74 3.12 -10.29	49.36 3.05 -12.84	41.99 2.84 -6.54	34.67 2.11 -5.55	33.63 2.15 -4.59	33.03 2.14 -4.42	33.11 2.12 -4.52	33.97 2.18 -5.22	34.71 2.19 -5.45	41.88 3.07 -3.91	53.47 3.37 -12.69	47.28 2.97 -12.42	42.79 2.75 -9.80	39.55 2.42 -8.64	38.86 2.31 -9.64	35.14 2.16 -6.69	33.67 1.97 -5.82
HOLTSVILLE_IC_5 23694	47.69 2.94 -12.46	46.27 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.62 2.32 -10.28	42.03 2.47 -11.51	42.62 2.81 -8.19	47.74 3.12 -10.29	49.36 3.05 -12.84	41.99 2.84 -6.54	34.67 2.11 -5.55	33.63 2.15 -4.59	33.03 2.14 -4.42	33.11 2.12 -4.52	33.97 2.18 -5.22	34.71 2.19 -5.45	41.88 3.07 -3.91	53.47 3.37 -12.69	47.28 2.97 -12.42	42.79 2.75 -9.80	39.55 2.42 -8.64	38.86 2.31 -9.64	35.14 2.16 -6.69	33.67 1.97 -5.82
HOLTSVILLE_IC_6 23695	47.85 3.10 -12.46	46.43 2.94 -12.88	41.95 2.62 -11.47	38.25 2.56 -8.20	39.76 2.46 -10.28	42.17 2.61 -11.51	42.81 3.00 -8.19	47.91 3.30 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.83 2.27 -5.55	33.76 2.28 -4.59	33.16 2.28 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.87 2.35 -5.45	42.12 3.32 -3.91	53.73 3.63 -12.69	47.50 3.19 -12.42	43.00 2.96 -9.80	39.75 2.62 -8.64	39.02 2.47 -9.64	35.30 2.31 -6.69	33.82 2.12 -5.82
HOLTSVILLE_IC_7 23696	47.85 3.10 -12.46	46.43 2.94 -12.88	41.95 2.62 -11.47	38.25 2.56 -8.20	39.76 2.46 -10.28	42.17 2.61 -11.51	42.81 3.00 -8.19	47.91 3.30 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.83 2.27 -5.55	33.76 2.28 -4.59	33.16 2.28 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.87 2.35 -5.45	42.12 3.32 -3.91	53.73 3.63 -12.69	47.50 3.19 -12.42	43.00 2.96 -9.80	39.75 2.62 -8.64	39.02 2.47 -9.64	35.30 2.31 -6.69	33.82 2.12 -5.82
HOLTSVILLE_IC_8 23697	47.85 3.10 -12.46	46.43 2.94 -12.88	41.95 2.62 -11.47	38.25 2.56 -8.20	39.76 2.46 -10.28	42.17 2.61 -11.51	42.81 3.00 -8.19	47.91 3.30 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.83 2.27 -5.55	33.76 2.28 -4.59	33.16 2.28 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.87 2.35 -5.45	42.12 3.32 -3.91	53.73 3.63 -12.69	47.50 3.19 -12.42	43.00 2.96 -9.80	39.75 2.62 -8.64	39.02 2.47 -9.64	35.30 2.31 -6.69	33.82 2.12 -5.82
HOLTSVILLE_IC_9 23698	47.85 3.10 -12.46	46.43 2.94 -12.88	41.95 2.62 -11.47	38.25 2.56 -8.20	39.76 2.46 -10.28	42.17 2.61 -11.51	42.81 3.00 -8.19	47.91 3.30 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.83 2.27 -5.55	33.76 2.28 -4.59	33.16 2.28 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.87 2.35 -5.45	42.12 3.32 -3.91	53.73 3.63 -12.69	47.50 3.19 -12.42	43.00 2.96 -9.80	39.75 2.62 -8.64	39.02 2.47 -9.64	35.30 2.31 -6.69	33.82 2.12 -5.82
HOMER_HL_115KV_TB2 355744	31.52 -0.78 0.00	29.97 -0.64 0.00	27.30 -0.56 0.00	26.95 -0.55 0.00	26.83 -0.19 0.00	27.77 -0.28 0.00	30.98 -0.63 0.00	33.74 -0.58 0.00	32.80 -0.67 0.00	31.92 -0.68 0.00	27.15 0.14 0.00	27.13 0.24 0.00	26.57 0.11 0.00	26.47 0.00 0.00	26.49 -0.08 0.00	27.03 -0.03 0.00	34.23 -0.66 0.00	36.47 -0.94 0.00	31.64 -0.26 0.00	29.97 -0.27 0.00	28.52 0.03 0.00	26.96 0.05 0.00	26.46 0.16 0.00	25.91 0.03 0.00
HOWARD_WT_PWR 323690	32.13 -0.16 0.00	30.30 -0.31 0.00	27.61 -0.25 0.00	27.25 -0.25 0.00	26.99 -0.03 0.00	28.11 0.06 0.00	31.39 -0.22 0.00	33.95 -0.38 0.00	33.03 -0.44 0.00	32.35 -0.26 0.00	27.42 0.41 0.00	27.18 0.30 0.00	26.73 0.26 0.00	26.61 0.13 0.00	26.70 0.13 0.00	27.20 0.14 0.00	34.51 -0.38 0.00	36.70 -0.71 0.00	31.77 -0.13 0.00	30.09 -0.15 0.00	28.58 0.09 0.00	26.96 0.05 0.00	26.27 -0.03 0.00	25.93 0.05 0.00
HQ_GEN_CEDARS 23644	32.74 0.45 0.00	31.01 0.40 0.00	28.22 0.36 0.00	27.82 0.33 0.00	27.37 0.35 0.00	28.42 0.36 0.00	31.99 0.38 0.00	34.81 0.48 0.00	33.91 0.44 0.00	33.03 0.42 0.00	27.36 0.35 0.00	27.21 0.32 0.00	26.78 0.32 0.00	26.82 0.34 0.00	26.89 0.32 0.00	27.41 0.35 0.00	35.38 0.49 0.00	37.90 0.49 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.18 0.27 0.00	26.54 0.24 0.00	26.09 0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	32.74 0.45 0.00	31.04 0.43 0.00	28.22 0.36 0.00	27.85 0.36 0.00	27.37 0.35 0.00	28.42 0.36 0.00	32.02 0.41 0.00	34.81 0.48 0.00	33.94 0.47 0.00	31.82 0.42 1.21	28.58 0.35 -1.21	27.21 0.32 0.00	26.78 0.32 0.00	26.84 0.37 0.00	26.89 0.32 0.00	27.41 0.35 0.00	35.35 0.45 0.00	37.90 0.49 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.18 0.27 0.00	26.54 0.24 0.00	26.09 0.21 0.00

HQ_GEN_IMPORT 323601	32.45 0.16 0.00	30.76 0.15 0.00	28.00 0.14 0.00	27.63 0.14 0.00	27.16 0.14 0.00	28.20 0.14 0.00	31.74 0.13 0.00	34.50 0.17 0.00	33.61 0.13 0.00	31.52 0.13 1.21	28.34 0.11 -1.21	26.99 0.11 0.00	26.57 0.11 0.00	26.61 0.13 0.00	26.67 0.11 0.00	27.17 0.11 0.00	35.04 0.14 0.00	37.56 0.15 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.61 0.11 0.00	26.99 0.08 0.00	26.38 0.08 0.00	25.96 0.08 0.00
HQ_GEN_WHEEL 23651	32.45 0.16 0.00	30.76 0.15 0.00	28.00 0.14 0.00	27.63 0.14 0.00	27.16 0.14 0.00	28.20 0.14 0.00	31.74 0.13 0.00	34.50 0.17 0.00	33.61 0.13 0.00	31.52 0.13 1.21	28.34 0.11 -1.21	26.99 0.11 0.00	26.57 0.11 0.00	26.61 0.13 0.00	26.67 0.11 0.00	27.17 0.11 0.00	35.04 0.14 0.00	37.56 0.15 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.61 0.11 0.00	26.99 0.08 0.00	26.38 0.08 0.00	25.96 0.08 0.00
HUDSON AVE_GT_3 23810	34.13 1.84 0.00	32.17 1.56 0.00	29.31 1.45 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.49 1.43 0.00	33.23 1.61 0.00	36.15 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.81 1.35 0.00	27.77 1.30 0.00	27.92 1.35 0.00	28.33 1.27 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.71 1.82 0.00	31.96 1.72 0.00	29.89 1.40 0.00	28.34 1.43 0.00	27.64 1.34 0.00	27.05 1.16 0.00
HUDSON AVE_GT_4 23540	34.13 1.84 0.00	32.17 1.56 0.00	29.31 1.45 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.49 1.43 0.00	33.23 1.61 0.00	36.15 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.81 1.35 0.00	27.77 1.30 0.00	27.92 1.35 0.00	28.33 1.27 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.71 1.82 0.00	31.96 1.72 0.00	29.89 1.40 0.00	28.34 1.43 0.00	27.64 1.34 0.00	27.05 1.16 0.00
HUDSON AVE_GT_5 23657	34.13 1.84 0.00	32.17 1.56 0.00	29.31 1.45 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.49 1.43 0.00	33.23 1.61 0.00	36.15 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.81 1.35 0.00	27.77 1.30 0.00	27.92 1.35 0.00	28.33 1.27 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.71 1.82 0.00	31.96 1.72 0.00	29.89 1.40 0.00	28.34 1.43 0.00	27.64 1.34 0.00	27.05 1.16 0.00
HUDSON_AVE_10 24168	34.07 1.78 0.00	32.11 1.50 0.00	29.25 1.39 0.00	28.84 1.35 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.92 1.35 0.00	28.31 1.24 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.89 1.40 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.02 1.14 0.00
HUDSON___115KV_TB 4 355613	33.81 1.52 0.00	32.17 1.56 0.00	29.31 1.45 0.00	28.98 1.48 0.00	28.40 1.38 0.00	29.46 1.40 0.00	33.23 1.61 0.00	36.01 1.68 0.00	34.94 1.47 0.00	33.95 1.34 0.00	27.90 0.89 0.00	27.72 0.83 0.00	27.31 0.85 0.00	27.27 0.79 0.00	27.44 0.88 0.00	28.01 0.95 0.00	36.40 1.50 0.00	39.09 1.68 0.00	33.17 1.28 0.00	31.39 1.15 0.00	29.57 1.08 0.00	27.96 1.05 0.00	27.30 1.00 0.00	26.76 0.88 0.00
HUNTER MOUNT___DRP 323613	34.07 1.78 0.00	32.41 1.81 0.00	29.53 1.67 0.00	29.17 1.68 0.00	28.61 1.59 0.00	29.68 1.63 0.00	33.48 1.87 0.00	36.25 1.92 0.00	35.18 1.71 0.00	34.14 1.53 0.00	28.01 1.00 0.00	27.83 0.94 0.00	27.39 0.93 0.00	27.35 0.87 0.00	27.58 1.01 0.00	28.20 1.14 0.00	36.68 1.78 0.00	39.39 1.98 0.00	33.39 1.50 0.00	31.60 1.36 0.00	29.74 1.25 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.92 1.04 0.00
HUNTINGTON_RES_REC 323705	47.40 2.65 -12.46	45.97 2.48 -12.88	41.53 2.20 -11.47	37.87 2.17 -8.20	39.38 2.08 -10.28	41.75 2.19 -11.51	42.33 2.53 -8.19	47.43 2.82 -10.29	49.09 2.78 -12.84	41.76 2.61 -6.54	34.48 1.92 -5.55	33.44 1.96 -4.59	32.84 1.96 -4.42	32.92 1.93 -4.52	33.78 1.99 -5.22	34.52 2.00 -5.45	41.67 2.86 -3.91	53.25 3.14 -12.69	47.05 2.74 -12.42	42.61 2.57 -9.80	39.38 2.25 -8.64	38.65 2.10 -9.64	34.96 1.97 -6.69	33.46 1.76 -5.82
HUNTLEY___63 23557	30.16 -2.13 0.00	28.80 -1.81 0.00	26.24 -1.62 0.00	25.85 -1.65 0.00	25.70 -1.32 0.00	26.65 -1.40 0.00	29.50 -2.12 0.00	31.79 -2.54 0.00	30.99 -2.48 0.00	30.26 -2.35 0.00	25.82 -1.19 0.00	25.92 -0.97 0.00	25.38 -1.08 0.00	25.39 -1.09 0.00	25.32 -1.25 0.00	25.84 -1.22 0.00	32.49 -2.41 0.00	34.60 -2.81 0.00	30.11 -1.79 0.00	28.54 -1.69 0.00	27.21 -1.28 0.00	25.67 -1.24 0.00	25.25 -1.05 0.00	24.87 -1.01 0.00
HUNTLEY___64 23558	30.16 -2.13 0.00	28.80 -1.81 0.00	26.24 -1.62 0.00	25.85 -1.65 0.00	25.70 -1.32 0.00	26.65 -1.40 0.00	29.50 -2.12 0.00	31.79 -2.54 0.00	30.99 -2.48 0.00	30.26 -2.35 0.00	25.82 -1.19 0.00	25.92 -0.97 0.00	25.38 -1.08 0.00	25.39 -1.09 0.00	25.32 -1.25 0.00	25.84 -1.22 0.00	32.49 -2.41 0.00	34.60 -2.81 0.00	30.11 -1.79 0.00	28.54 -1.69 0.00	27.21 -1.28 0.00	25.67 -1.24 0.00	25.25 -1.05 0.00	24.87 -1.01 0.00
HUNTLEY___65 23559	30.16 -2.13 0.00	28.80 -1.81 0.00	26.24 -1.62 0.00	25.85 -1.65 0.00	25.70 -1.32 0.00	26.65 -1.40 0.00	29.50 -2.12 0.00	31.79 -2.54 0.00	30.99 -2.48 0.00	30.26 -2.35 0.00	25.82 -1.19 0.00	25.92 -0.97 0.00	25.38 -1.08 0.00	25.39 -1.09 0.00	25.32 -1.25 0.00	25.84 -1.22 0.00	32.49 -2.41 0.00	34.60 -2.81 0.00	30.11 -1.79 0.00	28.54 -1.69 0.00	27.21 -1.28 0.00	25.67 -1.24 0.00	25.25 -1.05 0.00	24.87 -1.01 0.00
HUNTLEY___66 23560	30.16 -2.13 0.00	28.80 -1.81 0.00	26.24 -1.62 0.00	25.85 -1.65 0.00	25.70 -1.32 0.00	26.65 -1.40 0.00	29.50 -2.12 0.00	31.79 -2.54 0.00	30.99 -2.48 0.00	30.26 -2.35 0.00	25.82 -1.19 0.00	25.92 -0.97 0.00	25.38 -1.08 0.00	25.39 -1.09 0.00	25.32 -1.25 0.00	25.84 -1.22 0.00	32.49 -2.41 0.00	34.60 -2.81 0.00	30.11 -1.79 0.00	28.54 -1.69 0.00	27.21 -1.28 0.00	25.67 -1.24 0.00	25.25 -1.05 0.00	24.87 -1.01 0.00
HUNTLEY___67 23561	30.10 -2.20 0.00	28.74 -1.87 0.00	26.19 -1.67 0.00	25.82 -1.68 0.00	25.64 -1.38 0.00	26.60 -1.46 0.00	29.46 -2.15 0.00	31.75 -2.57 0.00	30.93 -2.54 0.00	30.20 -2.41 0.00	25.74 -1.27 0.00	25.84 -1.05 0.00	25.30 -1.16 0.00	25.31 -1.16 0.00	25.27 -1.30 0.00	25.79 -1.27 0.00	32.42 -2.48 0.00	34.53 -2.88 0.00	30.04 -1.85 0.00	28.51 -1.72 0.00	27.15 -1.34 0.00	25.64 -1.26 0.00	25.22 -1.08 0.00	24.85 -1.04 0.00
HUNTLEY___68 23562	30.10 -2.20 0.00	28.74 -1.87 0.00	26.19 -1.67 0.00	25.82 -1.68 0.00	25.64 -1.38 0.00	26.60 -1.46 0.00	29.46 -2.15 0.00	31.75 -2.57 0.00	30.93 -2.54 0.00	30.20 -2.41 0.00	25.74 -1.27 0.00	25.84 -1.05 0.00	25.30 -1.16 0.00	25.31 -1.16 0.00	25.27 -1.30 0.00	25.79 -1.27 0.00	32.42 -2.48 0.00	34.53 -2.88 0.00	30.04 -1.85 0.00	28.51 -1.72 0.00	27.15 -1.34 0.00	25.64 -1.26 0.00	25.22 -1.08 0.00	24.85 -1.04 0.00

HYLAND___LFGE 323620	32.90 0.61 0.00	30.98 0.37 0.00	28.22 0.36 0.00	27.83 0.33 0.00	27.56 0.54 0.00	28.78 0.73 0.00	32.25 0.63 0.00	34.98 0.65 0.00	34.04 0.57 0.00	33.13 0.52 0.00	27.88 0.86 0.00	27.56 0.67 0.00	26.88 0.42 0.00	26.79 0.32 0.00	27.02 0.45 0.00	27.68 0.62 0.00	35.59 0.70 0.00	38.08 0.67 0.00	32.91 1.02 0.00	31.20 0.97 0.00	29.55 1.05 0.00	27.80 0.89 0.00	27.06 0.76 0.00	26.63 0.75 0.00
INDECK___CORINTH 23802	33.23 0.94 0.00	31.50 0.89 0.00	28.64 0.78 0.00	28.26 0.77 0.00	27.70 0.68 0.00	28.81 0.76 0.00	32.59 0.98 0.00	35.46 1.13 0.00	34.67 1.20 0.00	33.72 1.11 0.00	27.77 0.76 0.00	27.64 0.75 0.00	27.23 0.77 0.00	27.16 0.69 0.00	27.31 0.74 0.00	27.85 0.79 0.00	36.19 1.29 0.00	38.75 1.34 0.00	32.82 0.93 0.00	31.11 0.88 0.00	29.32 0.83 0.00	28.50 1.59 0.00	27.77 1.47 0.00	27.18 1.29 0.00
INDECK___ILION 23567	32.32 0.03 0.00	30.64 0.03 0.00	27.89 0.03 0.00	27.52 0.03 0.00	27.05 0.03 0.00	28.08 0.03 0.00	31.68 0.06 0.00	34.43 0.10 0.00	33.57 0.10 0.00	32.71 0.10 0.00	27.09 0.08 0.00	26.97 0.08 0.00	26.57 0.11 0.00	26.58 0.11 0.00	26.65 0.08 0.00	27.17 0.11 0.00	35.07 0.17 0.00	37.56 0.15 0.00	31.99 0.10 0.00	30.30 0.06 0.00	28.55 0.06 0.00	26.94 0.03 0.00	26.33 0.03 0.00	25.88 0.00 0.00
INDECK___OLEAN 23982	31.71 -0.58 0.00	29.96 -0.64 0.00	27.36 -0.50 0.00	27.00 -0.49 0.00	26.83 -0.19 0.00	27.97 -0.08 0.00	31.17 -0.44 0.00	33.71 -0.62 0.00	32.83 -0.64 0.00	32.05 -0.55 0.00	27.31 0.30 0.00	27.13 0.24 0.00	26.67 0.21 0.00	26.47 0.00 0.00	26.57 0.00 0.00	27.03 -0.03 0.00	34.27 -0.63 0.00	36.51 -0.90 0.00	31.64 -0.26 0.00	29.96 -0.27 0.00	28.52 0.03 0.00	26.96 0.05 0.00	26.25 -0.05 0.00	25.86 -0.03 0.00
INDECK___OSWEGO 23783	31.16 -1.13 0.00	29.51 -1.10 0.00	26.86 -1.00 0.00	26.51 -0.99 0.00	26.10 -0.92 0.00	27.10 -0.95 0.00	30.54 -1.07 0.00	33.16 -1.17 0.00	32.33 -1.14 0.00	31.53 -1.08 0.00	26.23 -0.78 0.00	26.08 -0.81 0.00	25.67 -0.79 0.00	25.65 -0.82 0.00	25.74 -0.82 0.00	26.22 -0.84 0.00	33.75 -1.15 0.00	36.14 -1.27 0.00	30.87 -1.02 0.00	29.30 -0.94 0.00	27.64 -0.85 0.00	26.08 -0.83 0.00	25.54 -0.76 0.00	25.24 -0.65 0.00
INDECK___YERKES 23781	30.55 -1.74 0.00	28.80 -1.81 0.00	26.30 -1.56 0.00	25.93 -1.57 0.00	25.72 -1.30 0.00	26.85 -1.21 0.00	29.62 -1.99 0.00	31.82 -2.50 0.00	30.99 -2.48 0.00	30.49 -2.12 0.00	26.12 -0.89 0.00	25.94 -0.94 0.00	25.56 -0.90 0.00	25.39 -1.09 0.00	25.48 -1.09 0.00	25.87 -1.19 0.00	32.59 -2.30 0.00	34.64 -2.77 0.00	30.11 -1.79 0.00	28.57 -1.66 0.00	27.24 -1.25 0.00	25.73 -1.18 0.00	25.17 -1.13 0.00	24.87 -1.01 0.00
INDIAN POINT_GT_1 24139	33.84 1.55 0.00	31.96 1.35 0.00	29.06 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.23 1.18 0.00	32.97 1.36 0.00	35.87 1.54 0.00	35.01 1.54 0.00	34.08 1.47 0.00	28.07 1.05 0.00	27.93 1.05 0.00	27.52 1.06 0.00	27.51 1.03 0.00	27.66 1.09 0.00	28.12 1.06 0.00	36.43 1.54 0.00	39.13 1.72 0.00	33.39 1.50 0.00	31.66 1.42 0.00	29.69 1.20 0.00	28.12 1.21 0.00	27.40 1.10 0.00	26.84 0.96 0.00
INDIAN POINT_GT_2 23659	33.84 1.55 0.00	31.96 1.35 0.00	29.06 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.23 1.18 0.00	32.97 1.36 0.00	35.87 1.54 0.00	35.01 1.54 0.00	34.08 1.47 0.00	28.07 1.05 0.00	27.93 1.05 0.00	27.52 1.06 0.00	27.51 1.03 0.00	27.66 1.09 0.00	28.12 1.06 0.00	36.43 1.54 0.00	39.13 1.72 0.00	33.39 1.50 0.00	31.66 1.42 0.00	29.69 1.20 0.00	28.12 1.21 0.00	27.40 1.10 0.00	26.84 0.96 0.00
INDIAN POINT_GT_3 24019	33.84 1.55 0.00	31.96 1.35 0.00	29.06 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.23 1.18 0.00	32.97 1.36 0.00	35.87 1.54 0.00	35.01 1.54 0.00	34.08 1.47 0.00	28.07 1.05 0.00	27.93 1.05 0.00	27.52 1.06 0.00	27.51 1.03 0.00	27.66 1.09 0.00	28.12 1.06 0.00	36.43 1.54 0.00	39.13 1.72 0.00	33.39 1.50 0.00	31.66 1.42 0.00	29.69 1.20 0.00	28.12 1.21 0.00	27.40 1.10 0.00	26.84 0.96 0.00
INDIAN POINT___2 23530	33.71 1.42 0.00	31.92 1.32 0.00	29.05 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.21 1.15 0.00	32.97 1.36 0.00	35.83 1.51 0.00	34.98 1.51 0.00	34.04 1.43 0.00	27.98 0.97 0.00	27.91 1.02 0.00	27.49 1.03 0.00	27.48 1.01 0.00	27.63 1.06 0.00	28.06 1.00 0.00	36.40 1.50 0.00	39.09 1.68 0.00	33.33 1.44 0.00	31.60 1.36 0.00	29.63 1.14 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.71 0.83 0.00
INDIAN POINT___3 23531	33.81 1.52 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.65 1.15 0.00	28.13 1.11 0.00	29.23 1.18 0.00	32.97 1.36 0.00	35.84 1.51 0.00	34.98 1.51 0.00	34.04 1.43 0.00	28.04 1.03 0.00	27.91 1.02 0.00	27.52 1.06 0.00	27.48 1.01 0.00	27.66 1.09 0.00	28.09 1.03 0.00	36.40 1.50 0.00	39.09 1.68 0.00	33.33 1.44 0.00	31.60 1.36 0.00	29.66 1.17 0.00	28.07 1.16 0.00	27.38 1.08 0.00	26.81 0.93 0.00
INGHAM_C_115KV_TB7 356103	31.97 -0.32 0.00	30.30 -0.31 0.00	27.58 -0.28 0.00	27.25 -0.25 0.00	26.78 -0.24 0.00	27.83 -0.22 0.00	31.36 -0.25 0.00	34.09 -0.24 0.00	33.27 -0.20 0.00	32.41 -0.20 0.00	26.88 -0.14 0.00	26.78 -0.11 0.00	26.36 -0.11 0.00	26.39 -0.08 0.00	26.46 -0.11 0.00	26.98 -0.08 0.00	34.79 -0.10 0.00	37.26 -0.15 0.00	31.70 -0.19 0.00	30.03 -0.21 0.00	28.26 -0.23 0.00	26.69 -0.22 0.00	26.09 -0.21 0.00	25.65 -0.23 0.00
IP CORINTH___1 23988	33.45 1.16 0.00	31.65 1.04 0.00	28.78 0.92 0.00	28.40 0.91 0.00	27.83 0.81 0.00	28.98 0.93 0.00	32.75 1.14 0.00	35.63 1.30 0.00	34.84 1.37 0.00	33.91 1.30 0.00	27.93 0.92 0.00	27.77 0.89 0.00	27.39 0.93 0.00	27.29 0.82 0.00	27.47 0.90 0.00	28.01 0.95 0.00	36.36 1.47 0.00	38.98 1.57 0.00	32.98 1.08 0.00	31.30 1.06 0.00	29.46 0.97 0.00	27.77 0.86 0.00	27.83 1.53 0.00	27.23 1.35 0.00
IP___TICONDEROGA 23804	34.81 2.52 0.00	32.87 2.27 0.00	29.86 2.01 0.00	29.47 1.98 0.00	28.88 1.86 0.00	30.13 2.08 0.00	34.11 2.50 0.00	37.21 2.88 0.00	36.42 2.95 0.00	35.41 2.80 0.00	29.15 2.13 0.00	28.95 2.07 0.00	28.50 2.04 0.00	28.35 1.88 0.00	28.59 2.02 0.00	29.17 2.11 0.00	38.04 3.14 0.00	40.70 3.29 0.00	34.35 2.46 0.00	32.54 2.30 0.00	30.66 2.17 0.00	28.82 1.91 0.00	28.72 2.42 0.00	28.08 2.20 0.00
ISLIP_RES_REC 323679	48.01 3.26 -12.46	46.55 3.06 -12.88	42.06 2.73 -11.47	38.36 2.67 -8.20	39.89 2.59 -10.28	42.32 2.75 -11.51	42.93 3.13 -8.19	48.08 3.47 -10.29	49.73 3.42 -12.84	42.31 3.16 -6.54	34.97 2.40 -5.55	33.90 2.42 -4.59	33.27 2.38 -4.42	33.37 2.38 -4.52	34.23 2.44 -5.22	35.00 2.49 -5.45	42.30 3.49 -3.91	53.96 3.85 -12.69	47.69 3.38 -12.42	43.18 3.14 -9.80	39.89 2.76 -8.64	39.19 2.64 -9.64	35.43 2.45 -6.69	33.93 2.23 -5.82

JAMAICA__27_KV_LOAD 355505	34.33 2.03 0.00	32.35 1.74 0.00	29.45 1.59 0.00	29.06 1.57 0.00	28.51 1.49 0.00	29.71 1.66 0.00	33.51 1.90 0.00	36.49 2.16 0.00	35.68 2.21 0.00	34.76 2.15 0.00	28.63 1.62 0.00	28.50 1.61 0.00	28.13 1.67 0.00	28.09 1.61 0.00	28.24 1.67 0.00	28.63 1.57 0.00	37.20 2.30 0.00	39.95 2.54 0.00	34.13 2.23 0.00	32.35 2.12 0.00	30.23 1.74 0.00	28.63 1.72 0.00	27.90 1.60 0.00	27.25 1.37 0.00
JANIS__SOLAR 323808	33.78 1.49 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.65 1.15 0.00	28.24 1.22 0.00	29.40 1.35 0.00	33.19 1.58 0.00	36.14 1.82 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.60 1.59 0.00	28.31 1.42 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.82 1.25 0.00	28.55 1.49 0.00	36.85 1.95 0.00	39.35 1.94 0.00	33.68 1.79 0.00	31.93 1.69 0.00	30.09 1.59 0.00	28.25 1.34 0.00	27.51 1.21 0.00	27.05 1.17 0.00
JARVIS____ 23743	32.36 0.06 0.00	30.70 0.09 0.00	27.94 0.08 0.00	27.58 0.08 0.00	27.07 0.05 0.00	28.11 0.06 0.00	31.71 0.10 0.00	34.43 0.10 0.00	33.61 0.13 0.00	32.71 0.10 0.00	27.07 0.05 0.00	26.94 0.05 0.00	26.52 0.05 0.00	26.55 0.08 0.00	26.65 0.08 0.00	27.14 0.08 0.00	35.04 0.14 0.00	37.56 0.15 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.55 0.06 0.00	26.96 0.05 0.00	26.33 0.03 0.00	25.91 0.03 0.00
JENNISON____1 23625	34.13 1.84 0.00	32.32 1.71 0.00	29.36 1.50 0.00	28.98 1.48 0.00	28.59 1.57 0.00	29.71 1.66 0.00	33.57 1.96 0.00	36.59 2.27 0.00	35.75 2.28 0.00	34.79 2.18 0.00	28.98 1.97 0.00	28.74 1.86 0.00	28.16 1.69 0.00	28.17 1.69 0.00	28.19 1.62 0.00	28.93 1.87 0.00	37.30 2.41 0.00	39.80 2.39 0.00	34.00 2.11 0.00	32.23 2.00 0.00	30.37 1.88 0.00	28.55 1.64 0.00	27.80 1.50 0.00	27.28 1.40 0.00
JENNISON____2 23626	34.13 1.84 0.00	32.32 1.71 0.00	29.36 1.50 0.00	28.98 1.48 0.00	28.59 1.57 0.00	29.71 1.66 0.00	33.57 1.96 0.00	36.59 2.27 0.00	35.75 2.28 0.00	34.79 2.18 0.00	28.98 1.97 0.00	28.74 1.86 0.00	28.16 1.69 0.00	28.17 1.69 0.00	28.19 1.62 0.00	28.93 1.87 0.00	37.30 2.41 0.00	39.80 2.39 0.00	34.00 2.11 0.00	32.23 2.00 0.00	30.37 1.88 0.00	28.55 1.64 0.00	27.80 1.50 0.00	27.28 1.40 0.00
JERICOHO_RISE_WT_PWR 323719	33.04 0.74 0.00	31.31 0.70 0.00	28.47 0.61 0.00	28.07 0.58 0.00	27.59 0.57 0.00	28.67 0.62 0.00	32.31 0.69 0.00	35.15 0.82 0.00	34.27 0.80 0.00	33.36 0.75 0.00	27.63 0.62 0.00	27.50 0.62 0.00	27.04 0.58 0.00	27.11 0.63 0.00	27.15 0.58 0.00	27.68 0.62 0.00	35.73 0.84 0.00	38.27 0.86 0.00	32.66 0.76 0.00	30.93 0.70 0.00	29.12 0.63 0.00	27.42 0.51 0.00	26.77 0.47 0.00	26.32 0.44 0.00
KATONAH__115KV_46KV_TB4 355592	34.16 1.87 0.00	32.26 1.65 0.00	29.31 1.45 0.00	28.95 1.46 0.00	28.34 1.32 0.00	29.46 1.40 0.00	33.23 1.61 0.00	36.15 1.82 0.00	35.35 1.87 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.69 1.22 0.00	27.84 1.28 0.00	28.33 1.27 0.00	36.78 1.88 0.00	39.54 2.13 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.94 1.45 0.00	28.36 1.45 0.00	27.61 1.31 0.00	27.05 1.16 0.00
KCE_NY_1 323755	33.78 1.49 0.00	32.05 1.44 0.00	29.14 1.28 0.00	28.76 1.27 0.00	28.18 1.16 0.00	29.29 1.23 0.00	33.10 1.49 0.00	35.97 1.65 0.00	35.11 1.64 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.60 1.14 0.00	27.59 1.11 0.00	27.71 1.14 0.00	28.22 1.16 0.00	36.64 1.74 0.00	39.28 1.87 0.00	33.30 1.40 0.00	31.54 1.30 0.00	29.74 1.25 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.05 1.17 0.00
KCE_NY_6_ESR 323823	31.03 -1.26 0.00	29.26 -1.35 0.00	26.69 -1.17 0.00	26.34 -1.15 0.00	26.13 -0.89 0.00	27.27 -0.79 0.00	30.16 -1.45 0.00	32.44 -1.89 0.00	31.63 -1.84 0.00	31.04 -1.56 0.00	26.55 -0.46 0.00	26.37 -0.51 0.00	25.99 -0.48 0.00	25.81 -0.66 0.00	25.90 -0.66 0.00	26.30 -0.76 0.00	33.19 -1.71 0.00	35.28 -2.13 0.00	30.68 -1.21 0.00	29.09 -1.15 0.00	27.69 -0.80 0.00	26.18 -0.73 0.00	25.59 -0.71 0.00	25.26 -0.62 0.00
KEDC_PORT_JEFF_GT2 24210	47.82 3.07 -12.46	46.37 2.88 -12.88	41.89 2.56 -11.47	38.22 2.53 -8.20	39.73 2.43 -10.28	42.14 2.58 -11.51	42.74 2.94 -8.19	47.88 3.26 -10.29	49.49 3.18 -12.84	42.15 3.00 -6.54	34.80 2.24 -5.55	33.76 2.28 -4.59	33.13 2.25 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.84 2.33 -5.45	42.09 3.28 -3.91	53.58 3.48 -12.69	47.47 3.16 -12.42	42.97 2.93 -9.80	39.72 2.59 -8.64	39.00 2.45 -9.64	35.27 2.29 -6.69	33.80 2.10 -5.82
KEDC_PORT_JEFF_GT3 24211	47.82 3.07 -12.46	46.37 2.88 -12.88	41.89 2.56 -11.47	38.22 2.53 -8.20	39.73 2.43 -10.28	42.14 2.58 -11.51	42.74 2.94 -8.19	47.88 3.26 -10.29	49.49 3.18 -12.84	42.15 3.00 -6.54	34.80 2.24 -5.55	33.76 2.28 -4.59	33.13 2.25 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.84 2.33 -5.45	42.09 3.28 -3.91	53.58 3.48 -12.69	47.47 3.16 -12.42	42.97 2.93 -9.80	39.72 2.59 -8.64	39.00 2.45 -9.64	35.27 2.29 -6.69	33.80 2.10 -5.82
KEDC_GLWD_GT4 24219	47.07 2.33 -12.46	45.66 2.17 -12.88	41.28 1.95 -11.47	37.62 1.92 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.50	42.02 2.21 -8.19	47.09 2.47 -10.29	48.75 2.44 -12.84	41.50 2.35 -6.54	34.32 1.75 -5.55	33.28 1.80 -4.59	32.68 1.80 -4.42	32.76 1.77 -4.52	33.62 1.83 -5.22	34.30 1.79 -5.45	41.18 2.37 -3.91	52.72 2.62 -12.69	46.57 2.26 -12.41	42.15 2.12 -9.80	39.09 1.96 -8.64	38.40 1.86 -9.64	34.72 1.74 -6.69	33.25 1.55 -5.82
KEDC_GLWD_GT5 24220	47.07 2.33 -12.46	45.66 2.17 -12.88	41.28 1.95 -11.47	37.62 1.92 -8.20	39.11 1.81 -10.28	41.47 1.91 -11.50	42.02 2.21 -8.19	47.09 2.47 -10.29	48.75 2.44 -12.84	41.50 2.35 -6.54	34.32 1.75 -5.55	33.28 1.80 -4.59	32.68 1.80 -4.42	32.76 1.77 -4.52	33.62 1.83 -5.22	34.30 1.79 -5.45	41.18 2.37 -3.91	52.72 2.62 -12.69	46.57 2.26 -12.41	42.15 2.12 -9.80	39.09 1.96 -8.64	38.40 1.86 -9.64	34.72 1.74 -6.69	33.25 1.55 -5.82
KENSICO____ 23655	33.94 1.65 0.00	32.05 1.44 0.00	29.17 1.31 0.00	28.79 1.29 0.00	28.24 1.22 0.00	29.35 1.29 0.00	33.10 1.49 0.00	35.97 1.65 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.76 1.20 0.00	28.20 1.14 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.49 1.59 0.00	31.75 1.51 0.00	29.77 1.28 0.00	28.20 1.29 0.00	27.48 1.18 0.00	26.92 1.04 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.33 2.03 0.00	32.38 1.78 0.00	29.39 1.53 0.00	29.01 1.51 0.00	28.48 1.46 0.00	29.63 1.57 0.00	33.45 1.83 0.00	36.32 1.99 0.00	35.48 2.01 0.00	34.47 1.86 0.00	28.34 1.32 0.00	28.12 1.24 0.00	27.65 1.19 0.00	27.64 1.16 0.00	27.84 1.28 0.00	28.41 1.35 0.00	36.95 2.06 0.00	39.73 2.32 0.00	33.90 2.01 0.00	32.11 1.87 0.00	30.09 1.60 0.00	28.52 1.61 0.00	27.80 1.50 0.00	27.20 1.32 0.00

KIAC_JFK_GT1 23816	34.23 1.94 0.00	32.26 1.65 0.00	29.36 1.50 0.00	28.98 1.48 0.00	28.42 1.41 0.00	29.63 1.57 0.00	33.42 1.80 0.00	36.39 2.06 0.00	35.58 2.11 0.00	34.66 2.05 0.00	28.52 1.51 0.00	28.42 1.53 0.00	28.02 1.56 0.00	27.98 1.51 0.00	28.16 1.59 0.00	28.55 1.49 0.00	37.09 2.20 0.00	39.80 2.39 0.00	34.03 2.14 0.00	32.26 2.03 0.00	30.14 1.65 0.00	28.55 1.64 0.00	27.83 1.53 0.00	27.18 1.29 0.00
KIAC_JFK_GT2 23817	34.23 1.94 0.00	32.26 1.65 0.00	29.36 1.50 0.00	28.98 1.48 0.00	28.42 1.41 0.00	29.63 1.57 0.00	33.42 1.80 0.00	36.39 2.06 0.00	35.58 2.11 0.00	34.66 2.05 0.00	28.52 1.51 0.00	28.42 1.53 0.00	28.02 1.56 0.00	27.98 1.51 0.00	28.16 1.59 0.00	28.55 1.49 0.00	37.09 2.20 0.00	39.80 2.39 0.00	34.03 2.14 0.00	32.26 2.03 0.00	30.14 1.65 0.00	28.55 1.64 0.00	27.83 1.53 0.00	27.18 1.29 0.00
KIAC_JFK____ 323774	34.20 1.90 0.00	32.29 1.68 0.00	29.39 1.53 0.00	29.01 1.51 0.00	28.42 1.40 0.00	29.60 1.54 0.00	33.45 1.83 0.00	36.42 2.09 0.00	35.61 2.14 0.00	34.70 2.09 0.00	28.44 1.43 0.00	28.42 1.53 0.00	28.02 1.56 0.00	28.01 1.53 0.00	28.16 1.59 0.00	28.55 1.49 0.00	37.10 2.20 0.00	39.81 2.40 0.00	34.03 2.14 0.00	32.26 2.03 0.00	30.14 1.65 0.00	28.42 1.51 0.00	27.72 1.42 0.00	27.07 1.19 0.00
KINTIGH____ 23543	29.93 -2.36 0.00	28.56 -2.05 0.00	26.02 -1.84 0.00	25.65 -1.84 0.00	25.45 -1.57 0.00	26.40 -1.66 0.00	29.31 -2.31 0.00	31.61 -2.71 0.00	30.83 -2.64 0.00	30.10 -2.51 0.00	25.50 -1.51 0.00	25.57 -1.32 0.00	25.06 -1.40 0.00	25.07 -1.40 0.00	25.05 -1.51 0.00	25.57 -1.49 0.00	32.24 -2.65 0.00	34.38 -3.03 0.00	29.82 -2.07 0.00	28.33 -1.90 0.00	26.92 -1.57 0.00	25.40 -1.51 0.00	24.96 -1.34 0.00	24.64 -1.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.71 1.42 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.62 1.13 0.00	28.13 1.11 0.00	29.26 1.21 0.00	32.94 1.33 0.00	35.91 1.58 0.00	34.98 1.51 0.00	34.08 1.47 0.00	28.23 1.22 0.00	28.07 1.18 0.00	27.60 1.14 0.00	27.66 1.12 0.00	27.68 1.12 0.00	28.25 1.19 0.00	36.50 1.61 0.00	39.09 1.68 0.00	33.36 1.47 0.00	31.57 1.33 0.00	29.72 1.23 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.81 0.93 0.00
LACHUTE____HYDRO 323717	34.78 2.49 0.00	32.91 2.30 0.00	29.86 2.01 0.00	29.48 1.98 0.00	28.88 1.86 0.00	30.13 2.08 0.00	34.14 2.53 0.00	37.21 2.88 0.00	36.45 2.98 0.00	35.44 2.84 0.00	29.15 2.13 0.00	28.95 2.07 0.00	28.50 2.04 0.00	28.35 1.88 0.00	28.56 1.99 0.00	29.17 2.11 0.00	38.04 3.14 0.00	40.70 3.29 0.00	34.35 2.46 0.00	32.53 2.30 0.00	30.66 2.16 0.00	29.47 2.56 0.00	28.69 2.39 0.00	28.03 2.15 0.00
LAWRNCV_115KV_TB1 80681	32.26 -0.03 0.00	30.52 -0.09 0.00	27.77 -0.08 0.00	27.38 -0.11 0.00	26.91 -0.11 0.00	27.97 -0.08 0.00	31.55 -0.06 0.00	34.33 0.00 0.00	33.47 0.00 0.00	32.58 -0.03 0.00	26.96 -0.05 0.00	26.80 -0.08 0.00	26.36 -0.11 0.00	26.42 -0.05 0.00	26.46 -0.11 0.00	27.01 -0.05 0.00	34.90 0.00 0.00	37.34 -0.07 0.00	31.83 -0.06 0.00	30.15 -0.09 0.00	28.38 -0.11 0.00	26.72 -0.19 0.00	26.09 -0.21 0.00	25.62 -0.26 0.00
LEDERLE____ 23769	33.87 1.58 0.00	31.99 1.38 0.00	29.11 1.25 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	33.07 1.45 0.00	35.94 1.61 0.00	35.08 1.61 0.00	34.14 1.53 0.00	28.12 1.11 0.00	27.96 1.08 0.00	27.57 1.11 0.00	27.53 1.06 0.00	27.71 1.14 0.00	28.17 1.11 0.00	36.50 1.61 0.00	39.21 1.80 0.00	33.46 1.56 0.00	31.72 1.48 0.00	29.74 1.25 0.00	28.17 1.26 0.00	27.48 1.18 0.00	26.89 1.01 0.00
LIGHTHSE_115KV_TB6 355974	31.32 -0.97 0.00	29.69 -0.92 0.00	27.02 -0.84 0.00	26.67 -0.82 0.00	26.26 -0.76 0.00	27.27 -0.79 0.00	30.79 -0.82 0.00	33.47 -0.86 0.00	32.63 -0.84 0.00	31.79 -0.82 0.00	26.42 -0.59 0.00	26.24 -0.65 0.00	25.80 -0.66 0.00	25.84 -0.64 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	34.06 -0.84 0.00	36.44 -0.97 0.00	31.10 -0.80 0.00	29.54 -0.70 0.00	27.84 -0.66 0.00	26.24 -0.67 0.00	25.59 -0.71 0.00	25.24 -0.65 0.00
LINDEN COGEN____ 23786	33.81 1.52 0.00	31.99 1.38 0.00	29.11 1.25 0.00	28.73 1.24 0.00	28.15 1.13 0.00	29.29 1.23 0.00	33.07 1.45 0.00	35.97 1.65 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.04 1.03 0.00	28.01 1.13 0.00	27.60 1.14 0.00	27.59 1.11 0.00	27.74 1.17 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.17 1.76 0.00	33.46 1.56 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.74 0.85 0.00
LINDHRST_69_KV_BK1 356055	47.72 2.97 -12.46	46.15 2.66 -12.88	41.73 2.40 -11.47	38.03 2.34 -8.20	39.57 2.27 -10.28	41.95 2.38 -11.51	42.52 2.72 -8.19	47.64 3.02 -10.29	49.29 2.98 -12.84	41.95 2.80 -6.54	34.72 2.16 -5.55	33.63 2.15 -4.59	33.05 2.17 -4.42	33.11 2.12 -4.52	33.99 2.21 -5.22	34.71 2.19 -5.45	41.88 3.07 -3.91	53.51 3.40 -12.69	47.28 2.97 -12.42	42.79 2.75 -9.80	39.55 2.42 -8.64	38.92 2.37 -9.64	35.22 2.24 -6.69	33.77 2.07 -5.82
LIPA_MISC_IPP 23656	47.85 3.10 -12.46	46.34 2.85 -12.88	41.86 2.54 -11.47	38.17 2.47 -8.20	39.70 2.40 -10.28	42.12 2.55 -11.51	42.68 2.88 -8.19	47.78 3.16 -10.29	49.42 3.11 -12.84	41.99 2.84 -6.54	34.83 2.27 -5.55	33.68 2.20 -4.59	33.11 2.22 -4.42	33.19 2.20 -4.52	34.05 2.26 -5.22	34.79 2.27 -5.45	42.02 3.21 -3.91	53.66 3.55 -12.69	47.40 3.09 -12.42	42.91 2.87 -9.80	39.66 2.54 -8.64	39.08 2.53 -9.64	35.33 2.34 -6.69	33.88 2.17 -5.82
LISF__SOLAR 323691	47.85 3.10 -12.46	46.43 2.94 -12.88	41.95 2.62 -11.47	38.25 2.56 -8.20	39.76 2.46 -10.28	42.20 2.64 -11.51	42.81 3.00 -8.19	47.91 3.30 -10.29	49.52 3.21 -12.84	42.15 3.00 -6.54	34.83 2.27 -5.55	33.76 2.28 -4.59	33.13 2.25 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.87 2.35 -5.45	42.12 3.32 -3.91	53.77 3.67 -12.69	47.50 3.19 -12.42	43.00 2.96 -9.80	39.75 2.62 -8.64	39.05 2.50 -9.64	35.30 2.31 -6.69	33.82 2.12 -5.82
LITTLE FALLS____HYD 24013	31.97 -0.32 0.00	30.30 -0.31 0.00	27.58 -0.28 0.00	27.25 -0.25 0.00	26.78 -0.24 0.00	27.83 -0.22 0.00	31.36 -0.25 0.00	34.09 -0.24 0.00	33.27 -0.20 0.00	32.41 -0.20 0.00	26.88 -0.14 0.00	26.78 -0.11 0.00	26.36 -0.11 0.00	26.39 -0.08 0.00	26.46 -0.11 0.00	26.98 -0.08 0.00	34.79 -0.10 0.00	37.26 -0.15 0.00	31.70 -0.19 0.00	30.03 -0.21 0.00	28.26 -0.23 0.00	26.69 -0.22 0.00	26.09 -0.21 0.00	25.65 -0.23 0.00
LITTLRIV_115KV_TB1 356100	32.58 0.29 0.00	30.82 0.21 0.00	28.05 0.19 0.00	27.66 0.16 0.00	27.18 0.16 0.00	28.25 0.20 0.00	31.87 0.25 0.00	34.70 0.38 0.00	33.87 0.40 0.00	32.93 0.33 0.00	27.28 0.27 0.00	27.10 0.22 0.00	26.65 0.19 0.00	26.71 0.24 0.00	26.75 0.19 0.00	27.33 0.27 0.00	35.35 0.45 0.00	37.78 0.37 0.00	32.18 0.29 0.00	30.51 0.27 0.00	28.72 0.23 0.00	26.99 0.08 0.00	26.33 0.03 0.00	25.83 -0.05 0.00

LI_NEWBRDGE___DRP 323616	46.88 2.13 -12.46	45.39 1.90 -12.88	41.06 1.73 -11.47	37.37 1.68 -8.20	38.92 1.62 -10.28	41.28 1.71 -11.51	41.73 1.93 -8.19	46.78 2.16 -10.29	48.45 2.14 -12.84	41.20 2.05 -6.54	34.10 1.54 -5.55	33.01 1.53 -4.59	32.44 1.56 -4.42	32.52 1.54 -4.52	33.38 1.59 -5.22	34.06 1.54 -5.45	40.97 2.16 -3.91	52.50 2.39 -12.69	46.38 2.07 -12.42	42.00 1.97 -9.80	38.84 1.71 -8.64	38.24 1.70 -9.64	34.57 1.58 -6.69	33.13 1.42 -5.82
LOCKPORT_115KV_TB60_63_64 80432	29.93 -2.36 0.00	28.56 -2.05 0.00	26.05 -1.81 0.00	25.65 -1.84 0.00	25.51 -1.51 0.00	26.46 -1.60 0.00	29.27 -2.34 0.00	31.55 -2.78 0.00	30.73 -2.74 0.00	30.00 -2.61 0.00	25.58 -1.43 0.00	25.67 -1.21 0.00	25.14 -1.32 0.00	25.15 -1.32 0.00	25.11 -1.46 0.00	25.63 -1.43 0.00	32.21 -2.69 0.00	34.30 -3.11 0.00	29.85 -2.04 0.00	28.33 -1.90 0.00	26.98 -1.51 0.00	25.48 -1.43 0.00	25.06 -1.24 0.00	24.69 -1.19 0.00
LOCKPORT___CC1 323769	30.29 -2.00 0.00	28.56 -2.05 0.00	26.07 -1.78 0.00	25.71 -1.79 0.00	25.51 -1.51 0.00	26.63 -1.43 0.00	29.40 -2.21 0.00	31.51 -2.81 0.00	30.69 -2.78 0.00	30.20 -2.41 0.00	25.88 -1.13 0.00	25.68 -1.21 0.00	25.33 -1.14 0.00	25.15 -1.32 0.00	25.24 -1.33 0.00	25.63 -1.44 0.00	32.28 -2.62 0.00	34.31 -3.10 0.00	29.85 -2.04 0.00	28.33 -1.90 0.00	26.98 -1.51 0.00	25.48 -1.43 0.00	24.96 -1.34 0.00	24.69 -1.19 0.00
LOCKPORT___CC2 323770	30.29 -2.00 0.00	28.56 -2.05 0.00	26.07 -1.78 0.00	25.71 -1.79 0.00	25.51 -1.51 0.00	26.63 -1.43 0.00	29.40 -2.21 0.00	31.51 -2.81 0.00	30.69 -2.78 0.00	30.20 -2.41 0.00	25.88 -1.13 0.00	25.68 -1.21 0.00	25.33 -1.14 0.00	25.15 -1.32 0.00	25.24 -1.33 0.00	25.63 -1.44 0.00	32.28 -2.62 0.00	34.31 -3.10 0.00	29.85 -2.04 0.00	28.33 -1.90 0.00	26.98 -1.51 0.00	25.48 -1.43 0.00	24.96 -1.34 0.00	24.69 -1.19 0.00
LOCKPORT___CC3 323771	30.29 -2.00 0.00	28.56 -2.05 0.00	26.07 -1.78 0.00	25.71 -1.79 0.00	25.51 -1.51 0.00	26.63 -1.43 0.00	29.40 -2.21 0.00	31.51 -2.81 0.00	30.69 -2.78 0.00	30.20 -2.41 0.00	25.88 -1.13 0.00	25.68 -1.21 0.00	25.33 -1.14 0.00	25.15 -1.32 0.00	25.24 -1.33 0.00	25.63 -1.44 0.00	32.28 -2.62 0.00	34.31 -3.10 0.00	29.85 -2.04 0.00	28.33 -1.90 0.00	26.98 -1.51 0.00	25.48 -1.43 0.00	24.96 -1.34 0.00	24.69 -1.19 0.00
LONG_LAKE_PHOENIX 24014	31.29 -1.00 0.00	29.66 -0.95 0.00	27.02 -0.84 0.00	26.64 -0.85 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.70 -0.92 0.00	33.36 -0.96 0.00	32.53 -0.94 0.00	31.76 -0.85 0.00	26.39 -0.62 0.00	26.27 -0.62 0.00	25.80 -0.66 0.00	25.81 -0.66 0.00	25.88 -0.69 0.00	26.38 -0.68 0.00	33.92 -0.98 0.00	36.33 -1.08 0.00	31.07 -0.83 0.00	29.45 -0.79 0.00	27.78 -0.71 0.00	26.21 -0.70 0.00	25.62 -0.68 0.00	25.29 -0.60 0.00
LOVETT___3 23632	33.71 1.42 0.00	31.86 1.25 0.00	28.97 1.11 0.00	28.59 1.10 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.91 1.30 0.00	35.77 1.44 0.00	34.91 1.44 0.00	33.98 1.37 0.00	27.98 0.97 0.00	27.85 0.97 0.00	27.47 1.01 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.04 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.60 1.11 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.79 0.91 0.00
LOVETT___4 23642	33.71 1.42 0.00	31.86 1.25 0.00	28.97 1.11 0.00	28.59 1.10 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.91 1.30 0.00	35.77 1.44 0.00	34.91 1.44 0.00	33.98 1.37 0.00	27.98 0.97 0.00	27.85 0.97 0.00	27.47 1.01 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.04 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.60 1.11 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.79 0.91 0.00
LOVETT___5 23593	33.71 1.42 0.00	31.86 1.25 0.00	28.97 1.11 0.00	28.59 1.10 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.91 1.30 0.00	35.77 1.44 0.00	34.91 1.44 0.00	33.98 1.37 0.00	27.98 0.97 0.00	27.85 0.97 0.00	27.47 1.01 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.04 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.60 1.11 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.79 0.91 0.00
LOWER RAQUET___HYD 24057	32.07 -0.22 0.00	30.36 -0.25 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	26.78 -0.24 0.00	27.83 -0.23 0.00	31.39 -0.22 0.00	34.19 -0.14 0.00	33.30 -0.17 0.00	32.41 -0.19 0.00	26.82 -0.19 0.00	26.67 -0.22 0.00	26.22 -0.24 0.00	26.29 -0.18 0.00	26.33 -0.24 0.00	26.87 -0.19 0.00	34.69 -0.21 0.00	37.15 -0.26 0.00	31.67 -0.22 0.00	30.03 -0.21 0.00	28.23 -0.26 0.00	26.59 -0.32 0.00	25.93 -0.37 0.00	25.47 -0.42 0.00
LOWER___HUDSON 24059	33.36 1.06 0.00	31.68 1.07 0.00	28.83 0.97 0.00	28.46 0.96 0.00	27.86 0.84 0.00	28.90 0.84 0.00	32.65 1.04 0.00	35.42 1.10 0.00	34.54 1.07 0.00	33.62 1.01 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.18 0.71 0.00	27.19 0.72 0.00	27.31 0.74 0.00	27.79 0.73 0.00	35.98 1.08 0.00	38.68 1.27 0.00	32.76 0.86 0.00	31.05 0.82 0.00	29.32 0.83 0.00	27.74 0.84 0.00	27.06 0.76 0.00	26.53 0.65 0.00
LOWVILLE_115KV_TB2 356335	32.49 0.19 0.00	30.76 0.15 0.00	27.97 0.11 0.00	27.60 0.11 0.00	27.15 0.14 0.00	28.25 0.20 0.00	31.96 0.35 0.00	34.81 0.48 0.00	33.97 0.50 0.00	33.03 0.42 0.00	27.36 0.35 0.00	27.10 0.22 0.00	26.65 0.19 0.00	26.71 0.24 0.00	26.78 0.21 0.00	27.41 0.35 0.00	35.21 0.31 0.00	37.56 0.15 0.00	32.02 0.13 0.00	30.60 0.36 0.00	28.78 0.28 0.00	27.04 0.13 0.00	26.35 0.05 0.00	25.88 0.00 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.81 1.52 0.00	32.02 1.41 0.00	29.11 1.25 0.00	28.73 1.24 0.00	28.15 1.13 0.00	29.26 1.21 0.00	33.07 1.45 0.00	35.91 1.58 0.00	35.04 1.57 0.00	34.11 1.50 0.00	28.12 1.11 0.00	27.99 1.10 0.00	27.60 1.14 0.00	27.56 1.09 0.00	27.71 1.14 0.00	28.22 1.16 0.00	36.57 1.68 0.00	39.24 1.83 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.72 1.23 0.00	28.04 1.13 0.00	27.61 1.31 0.00	27.07 1.19 0.00
LUTHERNY_35_KV_BK2 355980	33.84 1.55 0.00	32.05 1.44 0.00	29.14 1.28 0.00	28.76 1.26 0.00	28.18 1.16 0.00	29.29 1.23 0.00	33.10 1.49 0.00	35.94 1.61 0.00	35.08 1.61 0.00	34.14 1.53 0.00	28.15 1.13 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.59 1.11 0.00	27.74 1.17 0.00	28.22 1.16 0.00	36.61 1.71 0.00	39.28 1.87 0.00	33.30 1.40 0.00	31.54 1.30 0.00	29.74 1.25 0.00	28.07 1.16 0.00	27.61 1.31 0.00	27.07 1.19 0.00
LWR___OSWEGATCHIE_HYD 23850	31.87 -0.42 0.00	30.15 -0.46 0.00	27.44 -0.42 0.00	27.05 -0.44 0.00	26.61 -0.41 0.00	27.66 -0.39 0.00	31.27 -0.35 0.00	34.02 -0.31 0.00	33.17 -0.30 0.00	32.28 -0.33 0.00	26.71 -0.30 0.00	26.51 -0.38 0.00	26.07 -0.40 0.00	26.16 -0.32 0.00	26.20 -0.37 0.00	26.79 -0.27 0.00	34.55 -0.35 0.00	36.92 -0.49 0.00	31.45 -0.45 0.00	29.90 -0.33 0.00	28.15 -0.34 0.00	26.48 -0.43 0.00	25.80 -0.50 0.00	25.34 -0.54 0.00

LYONS_FALL_HYD 23570	32.71 0.42 0.00	30.98 0.37 0.00	28.16 0.31 0.00	27.80 0.30 0.00	27.35 0.33 0.00	28.45 0.39 0.00	32.18 0.57 0.00	35.01 0.69 0.00	34.17 0.70 0.00	33.23 0.62 0.00	27.55 0.54 0.00	27.31 0.43 0.00	26.86 0.40 0.00	26.90 0.42 0.00	26.97 0.40 0.00	27.60 0.54 0.00	35.49 0.59 0.00	37.90 0.49 0.00	32.28 0.38 0.00	30.78 0.54 0.00	28.95 0.45 0.00	27.23 0.32 0.00	26.56 0.26 0.00	26.09 0.21 0.00
MADISON___COUNTY_LFGE 323628	32.97 0.68 0.00	31.25 0.64 0.00	28.44 0.59 0.00	28.07 0.58 0.00	27.61 0.59 0.00	28.76 0.70 0.00	32.47 0.85 0.00	35.32 1.00 0.00	34.48 1.00 0.00	33.52 0.91 0.00	27.80 0.78 0.00	27.58 0.70 0.00	27.10 0.64 0.00	27.16 0.69 0.00	27.26 0.69 0.00	27.85 0.78 0.00	35.87 0.98 0.00	38.35 0.94 0.00	32.66 0.77 0.00	30.99 0.76 0.00	29.20 0.71 0.00	27.50 0.59 0.00	26.83 0.53 0.00	26.40 0.52 0.00
MALONE___115KV_TB1 356076	33.20 0.90 0.00	31.43 0.83 0.00	28.58 0.72 0.00	28.18 0.69 0.00	27.70 0.68 0.00	28.81 0.76 0.00	32.50 0.89 0.00	35.42 1.10 0.00	34.51 1.04 0.00	33.62 1.01 0.00	27.85 0.84 0.00	27.69 0.81 0.00	27.23 0.77 0.00	27.29 0.82 0.00	27.31 0.74 0.00	27.90 0.84 0.00	36.05 1.15 0.00	38.61 1.20 0.00	32.92 1.02 0.00	31.14 0.91 0.00	29.35 0.85 0.00	27.61 0.70 0.00	26.93 0.63 0.00	26.45 0.57 0.00
MAPLEWOD_115KV_TB3 80458	33.29 1.00 0.00	31.65 1.04 0.00	28.80 0.95 0.00	28.46 0.96 0.00	27.88 0.86 0.00	28.95 0.90 0.00	32.62 1.01 0.00	35.36 1.03 0.00	34.37 0.90 0.00	33.49 0.88 0.00	27.58 0.57 0.00	27.45 0.56 0.00	27.07 0.61 0.00	27.06 0.58 0.00	27.18 0.61 0.00	27.66 0.60 0.00	35.84 0.94 0.00	38.49 1.08 0.00	32.63 0.73 0.00	30.93 0.70 0.00	29.18 0.68 0.00	27.58 0.67 0.00	26.96 0.66 0.00	26.43 0.54 0.00
MAPLE_RIDGE_WT_1 323574	31.94 -0.35 0.00	30.30 -0.31 0.00	27.58 -0.28 0.00	27.22 -0.27 0.00	26.75 -0.27 0.00	27.77 -0.28 0.00	31.30 -0.32 0.00	34.02 -0.31 0.00	33.20 -0.27 0.00	32.35 -0.26 0.00	26.85 -0.16 0.00	26.78 -0.11 0.00	26.38 -0.08 0.00	26.42 -0.05 0.00	26.51 -0.05 0.00	26.98 -0.08 0.00	34.76 -0.14 0.00	37.22 -0.19 0.00	31.67 -0.22 0.00	29.96 -0.27 0.00	28.18 -0.31 0.00	26.61 -0.30 0.00	26.01 -0.29 0.00	25.60 -0.28 0.00
MAPLE_RIDGE_WT_2 323611	31.94 -0.35 0.00	30.30 -0.31 0.00	27.58 -0.28 0.00	27.22 -0.27 0.00	26.75 -0.27 0.00	27.77 -0.28 0.00	31.30 -0.32 0.00	34.02 -0.31 0.00	33.20 -0.27 0.00	32.35 -0.26 0.00	26.85 -0.16 0.00	26.78 -0.11 0.00	26.38 -0.08 0.00	26.42 -0.05 0.00	26.51 -0.05 0.00	26.98 -0.08 0.00	34.76 -0.14 0.00	37.22 -0.19 0.00	31.67 -0.22 0.00	29.96 -0.27 0.00	28.18 -0.31 0.00	26.61 -0.30 0.00	26.01 -0.29 0.00	25.60 -0.28 0.00
MARBLE_RIVER_WT_PWR 323696	33.13 0.84 0.00	31.37 0.77 0.00	28.55 0.70 0.00	28.13 0.63 0.00	27.67 0.65 0.00	28.76 0.70 0.00	32.40 0.79 0.00	35.25 0.93 0.00	34.34 0.87 0.00	33.45 0.85 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.12 0.66 0.00	27.19 0.72 0.00	27.20 0.64 0.00	27.76 0.70 0.00	35.80 0.91 0.00	38.38 0.97 0.00	32.72 0.83 0.00	30.99 0.76 0.00	29.17 0.68 0.00	27.50 0.59 0.00	26.83 0.53 0.00	26.40 0.52 0.00
MARSHVLE_115KV_TB1 80742	34.94 2.65 0.00	33.12 2.51 0.00	30.09 2.23 0.00	29.69 2.20 0.00	29.18 2.16 0.00	30.38 2.33 0.00	34.40 2.78 0.00	37.48 3.16 0.00	36.65 3.18 0.00	35.58 2.97 0.00	29.36 2.35 0.00	29.14 2.26 0.00	28.63 2.17 0.00	28.59 2.12 0.00	28.72 2.15 0.00	29.44 2.38 0.00	38.35 3.45 0.00	41.04 3.63 0.00	34.92 3.03 0.00	33.05 2.81 0.00	31.08 2.59 0.00	29.33 2.42 0.00	28.61 2.31 0.00	28.01 2.12 0.00
MARSH_HILL_WT_PWR 323713	32.07 -0.22 0.00	30.24 -0.37 0.00	27.55 -0.31 0.00	27.19 -0.30 0.00	26.94 -0.08 0.00	28.08 0.03 0.00	31.33 -0.29 0.00	33.85 -0.48 0.00	32.93 -0.54 0.00	32.25 -0.36 0.00	27.36 0.35 0.00	27.13 0.24 0.00	26.67 0.21 0.00	26.55 0.08 0.00	26.65 0.08 0.00	27.14 0.08 0.00	34.41 -0.49 0.00	36.62 -0.79 0.00	31.70 -0.19 0.00	30.03 -0.21 0.00	28.52 0.03 0.00	26.91 0.00 0.00	26.22 -0.08 0.00	25.88 0.00 0.00
MCINTYRE_115KV_TB2 80467	32.94 0.65 0.00	31.19 0.58 0.00	28.36 0.50 0.00	27.96 0.47 0.00	27.51 0.49 0.00	28.59 0.53 0.00	32.25 0.63 0.00	35.12 0.79 0.00	34.27 0.80 0.00	33.33 0.72 0.00	27.61 0.59 0.00	27.42 0.54 0.00	26.94 0.48 0.00	27.03 0.56 0.00	27.05 0.48 0.00	27.68 0.62 0.00	35.80 0.91 0.00	38.23 0.82 0.00	32.60 0.70 0.00	30.87 0.63 0.00	29.06 0.57 0.00	27.34 0.43 0.00	26.67 0.37 0.00	26.17 0.28 0.00
MECO_____69_KV_BK1 80468	36.49 4.20 0.00	34.50 3.89 0.00	31.34 3.48 0.00	30.90 3.41 0.00	30.34 3.32 0.00	31.67 3.62 0.00	35.91 4.30 0.00	39.17 4.84 0.00	38.36 4.89 0.00	37.14 4.53 0.00	30.60 3.59 0.00	30.38 3.49 0.00	29.85 3.39 0.00	29.78 3.31 0.00	29.97 3.40 0.00	30.80 3.73 0.00	40.30 5.41 0.00	42.98 5.57 0.00	36.46 4.56 0.00	34.50 4.26 0.00	32.48 3.99 0.00	30.54 3.63 0.00	29.82 3.52 0.00	29.12 3.24 0.00
MENANDS___115KV_TB5 355628	33.13 0.84 0.00	31.50 0.89 0.00	28.69 0.84 0.00	28.37 0.88 0.00	27.78 0.76 0.00	28.81 0.76 0.00	32.50 0.89 0.00	35.18 0.86 0.00	34.17 0.70 0.00	33.29 0.68 0.00	27.42 0.41 0.00	27.29 0.40 0.00	26.91 0.45 0.00	26.92 0.45 0.00	27.05 0.48 0.00	27.49 0.43 0.00	35.59 0.70 0.00	38.27 0.86 0.00	32.44 0.54 0.00	30.75 0.51 0.00	28.98 0.48 0.00	27.42 0.51 0.00	26.80 0.50 0.00	26.27 0.39 0.00
MG INDUSTRY___DRP 24185	33.23 0.94 0.00	31.59 0.98 0.00	28.78 0.92 0.00	28.43 0.93 0.00	27.88 0.86 0.00	28.93 0.87 0.00	32.59 0.98 0.00	35.32 1.00 0.00	34.31 0.84 0.00	33.39 0.78 0.00	27.55 0.54 0.00	27.42 0.54 0.00	27.02 0.56 0.00	27.03 0.56 0.00	27.15 0.58 0.00	27.63 0.57 0.00	35.77 0.87 0.00	38.38 0.97 0.00	32.56 0.67 0.00	30.87 0.63 0.00	29.12 0.63 0.00	27.53 0.62 0.00	26.90 0.60 0.00	26.40 0.52 0.00
MID___OSWEGATCHIE_HYD 23849	31.87 -0.42 0.00	30.15 -0.46 0.00	27.44 -0.42 0.00	27.05 -0.44 0.00	26.61 -0.41 0.00	27.66 -0.39 0.00	31.27 -0.35 0.00	34.02 -0.31 0.00	33.17 -0.30 0.00	32.28 -0.33 0.00	26.71 -0.30 0.00	26.51 -0.38 0.00	26.07 -0.40 0.00	26.16 -0.32 0.00	26.20 -0.37 0.00	26.79 -0.27 0.00	34.55 -0.35 0.00	36.92 -0.49 0.00	31.45 -0.45 0.00	29.90 -0.33 0.00	28.15 -0.34 0.00	26.48 -0.43 0.00	25.80 -0.50 0.00	25.34 -0.54 0.00
MID___RAQUETTE_HYD 23851	32.10 -0.19 0.00	30.36 -0.24 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	26.78 -0.24 0.00	27.83 -0.22 0.00	31.39 -0.22 0.00	34.15 -0.17 0.00	33.30 -0.17 0.00	32.41 -0.20 0.00	26.82 -0.19 0.00	26.67 -0.22 0.00	26.22 -0.24 0.00	26.29 -0.19 0.00	26.33 -0.24 0.00	26.87 -0.19 0.00	34.76 -0.14 0.00	37.15 -0.26 0.00	31.67 -0.22 0.00	30.03 -0.21 0.00	28.23 -0.26 0.00	26.59 -0.32 0.00	25.93 -0.37 0.00	25.47 -0.41 0.00

MILLIKEN___1 23584	32.58 0.29 0.00	30.88 0.28 0.00	28.11 0.25 0.00	27.74 0.25 0.00	27.34 0.32 0.00	28.39 0.34 0.00	32.02 0.41 0.00	34.81 0.48 0.00	33.97 0.50 0.00	33.10 0.49 0.00	27.52 0.51 0.00	27.37 0.48 0.00	26.86 0.40 0.00	26.87 0.40 0.00	26.94 0.37 0.00	27.55 0.49 0.00	35.38 0.49 0.00	37.90 0.49 0.00	32.47 0.57 0.00	30.75 0.51 0.00	29.03 0.54 0.00	27.37 0.46 0.00	26.69 0.39 0.00	26.27 0.39 0.00
MILLIKEN___2 23585	32.58 0.29 0.00	30.88 0.28 0.00	28.11 0.25 0.00	27.74 0.25 0.00	27.34 0.32 0.00	28.39 0.34 0.00	32.02 0.41 0.00	34.81 0.48 0.00	33.97 0.50 0.00	33.10 0.49 0.00	27.52 0.51 0.00	27.37 0.48 0.00	26.86 0.40 0.00	26.87 0.40 0.00	26.94 0.37 0.00	27.55 0.49 0.00	35.38 0.49 0.00	37.90 0.49 0.00	32.47 0.57 0.00	30.75 0.51 0.00	29.03 0.54 0.00	27.37 0.46 0.00	26.69 0.39 0.00	26.27 0.39 0.00
MILLIKEN___DIESEL 23629	32.58 0.29 0.00	30.88 0.28 0.00	28.11 0.25 0.00	27.74 0.25 0.00	27.34 0.32 0.00	28.39 0.34 0.00	32.02 0.41 0.00	34.81 0.48 0.00	33.97 0.50 0.00	33.10 0.49 0.00	27.52 0.51 0.00	27.37 0.48 0.00	26.86 0.40 0.00	26.87 0.40 0.00	26.94 0.37 0.00	27.55 0.49 0.00	35.38 0.49 0.00	37.90 0.49 0.00	32.47 0.57 0.00	30.75 0.51 0.00	29.03 0.54 0.00	27.37 0.46 0.00	26.69 0.39 0.00	26.27 0.39 0.00
MILLSEAT___LFGE 323607	30.87 -1.42 0.00	29.08 -1.53 0.00	26.52 -1.34 0.00	26.15 -1.35 0.00	25.94 -1.08 0.00	27.10 -0.95 0.00	30.00 -1.61 0.00	32.27 -2.06 0.00	31.46 -2.01 0.00	30.91 -1.70 0.00	26.36 -0.65 0.00	26.13 -0.75 0.00	25.75 -0.71 0.00	25.57 -0.90 0.00	25.69 -0.88 0.00	26.14 -0.92 0.00	33.08 -1.82 0.00	35.20 -2.21 0.00	30.56 -1.34 0.00	29.00 -1.24 0.00	27.55 -0.94 0.00	26.02 -0.89 0.00	25.43 -0.87 0.00	25.11 -0.78 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.87 1.58 0.00	31.99 1.38 0.00	29.11 1.25 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	33.04 1.42 0.00	35.91 1.58 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.09 1.08 0.00	27.96 1.08 0.00	27.57 1.11 0.00	27.53 1.06 0.00	27.71 1.14 0.00	28.14 1.08 0.00	36.47 1.57 0.00	39.17 1.76 0.00	33.43 1.53 0.00	31.69 1.45 0.00	29.72 1.23 0.00	28.15 1.24 0.00	27.43 1.13 0.00	26.87 0.98 0.00
MILLWOOD_13_KV_LOAD 356217	33.97 1.68 0.00	32.08 1.47 0.00	29.17 1.31 0.00	28.79 1.29 0.00	28.24 1.22 0.00	29.32 1.26 0.00	33.10 1.49 0.00	35.97 1.65 0.00	35.14 1.67 0.00	34.21 1.60 0.00	28.17 1.16 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.59 1.11 0.00	27.74 1.17 0.00	28.22 1.16 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.52 1.63 0.00	31.78 1.54 0.00	29.77 1.28 0.00	28.20 1.29 0.00	27.48 1.18 0.00	26.92 1.04 0.00
MODEL_CITY_ENERGY 24167	29.94 -2.36 0.00	28.19 -2.42 0.00	25.74 -2.12 0.00	25.38 -2.12 0.00	25.21 -1.81 0.00	26.32 -1.74 0.00	29.02 -2.59 0.00	31.10 -3.23 0.00	30.29 -3.18 0.00	29.80 -2.80 0.00	25.53 -1.49 0.00	25.35 -1.53 0.00	25.01 -1.46 0.00	24.86 -1.62 0.00	24.95 -1.62 0.00	25.30 -1.76 0.00	31.86 -3.04 0.00	33.86 -3.55 0.00	29.47 -2.43 0.00	27.97 -2.27 0.00	26.64 -1.85 0.00	25.19 -1.72 0.00	24.67 -1.63 0.00	24.41 -1.47 0.00
MODERN_LFGE___ 323580	29.94 -2.36 0.00	28.19 -2.42 0.00	25.74 -2.12 0.00	25.38 -2.12 0.00	25.21 -1.81 0.00	26.32 -1.74 0.00	29.02 -2.59 0.00	31.10 -3.23 0.00	30.29 -3.18 0.00	29.80 -2.80 0.00	25.53 -1.49 0.00	25.35 -1.53 0.00	25.01 -1.46 0.00	24.86 -1.62 0.00	24.95 -1.62 0.00	25.30 -1.76 0.00	31.86 -3.04 0.00	33.86 -3.55 0.00	29.47 -2.43 0.00	27.97 -2.27 0.00	26.64 -1.85 0.00	25.19 -1.72 0.00	24.67 -1.63 0.00	24.41 -1.47 0.00
MOHAWK_PAPER___DRP 24187	33.29 1.00 0.00	31.65 1.04 0.00	28.80 0.95 0.00	28.46 0.96 0.00	27.88 0.86 0.00	28.95 0.90 0.00	32.62 1.01 0.00	35.36 1.03 0.00	34.37 0.90 0.00	33.49 0.88 0.00	27.58 0.57 0.00	27.45 0.56 0.00	27.07 0.61 0.00	27.06 0.58 0.00	27.18 0.61 0.00	27.66 0.60 0.00	35.84 0.94 0.00	38.49 1.08 0.00	32.63 0.73 0.00	30.93 0.70 0.00	29.18 0.68 0.00	27.58 0.67 0.00	26.96 0.66 0.00	26.43 0.54 0.00
MOHICAN__35_KV_115KV_LD 80490	33.75 1.45 0.00	31.96 1.35 0.00	29.03 1.17 0.00	28.68 1.18 0.00	28.10 1.08 0.00	29.23 1.18 0.00	33.07 1.45 0.00	35.97 1.65 0.00	35.14 1.67 0.00	34.21 1.60 0.00	28.17 1.16 0.00	28.01 1.13 0.00	27.63 1.16 0.00	27.53 1.06 0.00	27.71 1.14 0.00	28.25 1.19 0.00	36.68 1.78 0.00	39.32 1.91 0.00	33.30 1.40 0.00	31.54 1.30 0.00	29.72 1.23 0.00	28.01 1.10 0.00	27.90 1.60 0.00	27.33 1.45 0.00
MONGAUP___HYD 23641	33.68 1.39 0.00	31.86 1.26 0.00	28.94 1.09 0.00	28.57 1.07 0.00	28.05 1.03 0.00	29.12 1.07 0.00	32.91 1.30 0.00	35.70 1.37 0.00	34.84 1.37 0.00	33.82 1.21 0.00	27.71 0.70 0.00	27.56 0.67 0.00	27.12 0.66 0.00	27.11 0.63 0.00	27.31 0.74 0.00	27.90 0.84 0.00	36.29 1.40 0.00	39.02 1.61 0.00	33.27 1.37 0.00	31.51 1.27 0.00	29.55 1.05 0.00	28.04 1.13 0.00	27.32 1.02 0.00	26.74 0.85 0.00
MONTAUK___DIESEL 23721	49.08 4.33 -12.46	47.44 3.95 -12.88	42.87 3.54 -11.47	39.13 3.44 -8.20	40.68 3.38 -10.28	43.18 3.62 -11.51	43.91 4.11 -8.19	49.15 4.53 -10.29	50.76 4.45 -12.84	43.19 4.04 -6.54	35.86 3.30 -5.55	34.70 3.23 -4.59	34.06 3.18 -4.42	34.11 3.12 -4.52	35.03 3.24 -5.22	35.82 3.30 -5.45	43.45 4.64 -3.91	55.30 5.20 -12.69	48.84 4.53 -12.42	44.24 4.20 -9.80	40.89 3.76 -8.64	40.21 3.66 -9.64	36.38 3.39 -6.69	34.83 3.13 -5.82
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.32 -0.97 0.00	29.78 -0.83 0.00	27.08 -0.78 0.00	26.73 -0.77 0.00	26.51 -0.51 0.00	27.49 -0.56 0.00	30.70 -0.92 0.00	33.23 -1.10 0.00	32.37 -1.10 0.00	31.53 -1.08 0.00	26.80 -0.22 0.00	26.78 -0.11 0.00	26.20 -0.26 0.00	26.05 -0.42 0.00	25.98 -0.58 0.00	26.52 -0.54 0.00	33.54 -1.36 0.00	35.73 -1.68 0.00	31.03 -0.86 0.00	29.42 -0.82 0.00	28.06 -0.43 0.00	26.56 -0.35 0.00	26.12 -0.18 0.00	25.73 -0.16 0.00
MORTIMER_115KV_TB3 55949	30.87 -1.42 0.00	29.35 -1.25 0.00	26.74 -1.11 0.00	26.37 -1.13 0.00	26.10 -0.92 0.00	27.10 -0.95 0.00	30.29 -1.33 0.00	32.78 -1.54 0.00	32.00 -1.47 0.00	31.21 -1.40 0.00	26.28 -0.73 0.00	26.24 -0.65 0.00	25.69 -0.77 0.00	25.73 -0.74 0.00	25.74 -0.82 0.00	26.30 -0.76 0.00	33.47 -1.43 0.00	35.76 -1.65 0.00	30.84 -1.05 0.00	29.27 -0.97 0.00	27.72 -0.77 0.00	26.13 -0.78 0.00	25.62 -0.68 0.00	25.24 -0.65 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00

MUNSVILLE_WIND_PWR 323609	35.13 2.84 0.00	33.15 2.54 0.00	30.11 2.26 0.00	29.72 2.23 0.00	29.32 2.30 0.00	30.52 2.47 0.00	34.58 2.97 0.00	37.69 3.37 0.00	36.82 3.35 0.00	35.84 3.23 0.00	29.90 2.89 0.00	29.52 2.64 0.00	28.84 2.38 0.00	28.86 2.38 0.00	28.88 2.31 0.00	29.74 2.68 0.00	38.53 3.63 0.00	41.00 3.59 0.00	35.02 3.13 0.00	33.20 2.96 0.00	31.29 2.79 0.00	29.22 2.31 0.00	28.38 2.08 0.00	27.85 1.97 0.00
N SALMON___HYD 24042	33.19 0.90 0.00	31.44 0.83 0.00	28.61 0.75 0.00	28.21 0.71 0.00	27.72 0.70 0.00	28.81 0.76 0.00	32.50 0.88 0.00	35.42 1.10 0.00	34.51 1.04 0.00	33.62 1.01 0.00	27.85 0.84 0.00	27.69 0.81 0.00	27.23 0.77 0.00	27.30 0.82 0.00	27.31 0.74 0.00	27.90 0.84 0.00	36.01 1.12 0.00	38.61 1.20 0.00	32.91 1.02 0.00	31.14 0.91 0.00	29.35 0.85 0.00	27.61 0.70 0.00	26.91 0.61 0.00	26.45 0.57 0.00
N.AKRON__115KV_KNAPP 355671	30.52 -1.78 0.00	29.08 -1.53 0.00	26.52 -1.34 0.00	26.12 -1.37 0.00	25.97 -1.05 0.00	26.93 -1.12 0.00	29.91 -1.71 0.00	32.30 -2.03 0.00	31.50 -1.97 0.00	30.72 -1.89 0.00	26.09 -0.92 0.00	26.13 -0.75 0.00	25.59 -0.87 0.00	25.60 -0.87 0.00	25.56 -1.01 0.00	26.11 -0.95 0.00	32.98 -1.92 0.00	35.17 -2.24 0.00	30.55 -1.34 0.00	29.00 -1.24 0.00	27.55 -0.94 0.00	25.97 -0.94 0.00	25.51 -0.79 0.00	25.13 -0.75 0.00
N.BELMOR_69_KV_BK1 55787	47.14 2.39 -12.46	45.63 2.14 -12.88	41.25 1.92 -11.47	37.59 1.90 -8.20	39.14 1.84 -10.28	41.50 1.94 -11.51	41.98 2.18 -8.19	47.05 2.44 -10.29	48.72 2.41 -12.84	41.50 2.35 -6.54	34.35 1.78 -5.55	33.25 1.77 -4.59	32.68 1.80 -4.42	32.74 1.75 -4.52	33.62 1.83 -5.22	34.30 1.79 -5.45	41.32 2.51 -3.91	52.87 2.77 -12.69	46.73 2.42 -12.41	42.31 2.27 -9.80	39.09 1.97 -8.64	38.49 1.94 -9.64	34.85 1.87 -6.69	33.38 1.68 -5.82
N.E_GEN_SANDY PD 24062	33.49 1.20 0.00	31.80 1.19 0.00	28.92 1.06 0.00	28.54 1.04 0.00	27.91 0.89 0.00	28.95 0.90 0.00	32.72 1.11 0.00	35.49 1.17 0.00	34.61 1.14 0.00	32.47 1.07 1.21	28.90 0.68 -1.21	27.58 0.70 0.00	27.20 0.74 0.00	27.24 0.77 0.00	27.36 0.80 0.00	27.79 0.73 0.00	36.01 1.12 0.00	38.75 1.34 0.00	32.82 0.93 0.00	31.14 0.91 0.00	29.35 0.85 0.00	27.74 0.84 0.00	27.06 0.76 0.00	26.50 0.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.78 1.49 0.00	31.89 1.29 0.00	29.03 1.17 0.00	28.65 1.15 0.00	28.13 1.11 0.00	29.21 1.15 0.00	32.97 1.36 0.00	35.84 1.51 0.00	34.98 1.51 0.00	34.04 1.43 0.00	28.04 1.03 0.00	27.88 0.99 0.00	27.49 1.03 0.00	27.45 0.98 0.00	27.63 1.06 0.00	28.09 1.03 0.00	36.40 1.50 0.00	39.09 1.68 0.00	33.33 1.44 0.00	31.60 1.36 0.00	29.66 1.17 0.00	28.09 1.18 0.00	27.38 1.08 0.00	26.81 0.93 0.00
N.QUEENS_27_KV_LOAD 356247	33.94 1.65 0.00	31.99 1.38 0.00	29.19 1.34 0.00	28.79 1.29 0.00	28.21 1.19 0.00	29.32 1.26 0.00	33.04 1.42 0.00	35.91 1.58 0.00	35.11 1.64 0.00	34.21 1.60 0.00	28.17 1.16 0.00	28.07 1.18 0.00	27.68 1.22 0.00	27.66 1.19 0.00	27.82 1.25 0.00	28.20 1.14 0.00	36.57 1.68 0.00	39.28 1.87 0.00	33.55 1.66 0.00	31.81 1.57 0.00	29.74 1.25 0.00	28.20 1.29 0.00	27.51 1.21 0.00	26.97 1.09 0.00
N.TROY___115KV_TB1 355778	33.42 1.13 0.00	31.68 1.07 0.00	28.80 0.95 0.00	28.46 0.96 0.00	27.83 0.81 0.00	28.90 0.84 0.00	32.66 1.04 0.00	35.39 1.06 0.00	34.51 1.04 0.00	33.59 0.98 0.00	27.71 0.70 0.00	27.56 0.67 0.00	27.18 0.71 0.00	27.19 0.71 0.00	27.34 0.77 0.00	27.79 0.73 0.00	35.98 1.08 0.00	38.68 1.27 0.00	32.76 0.86 0.00	31.05 0.82 0.00	29.32 0.83 0.00	27.69 0.78 0.00	27.12 0.82 0.00	26.61 0.72 0.00
NARROWS_GT1_1 24228	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NARROWS_GT1_2 24229	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NARROWS_GT1_3 24230	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NARROWS_GT1_4 24231	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NARROWS_GT1_5 24232	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NARROWS_GT1_6 24233	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NARROWS_GT1_7 24234	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00

NARROWS_GT1_8 24235	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NARROWS_GT2_1 24236	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NARROWS_GT2_2 24237	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NARROWS_GT2_3 24238	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NARROWS_GT2_4 24239	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NARROWS_GT2_5 24240	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NARROWS_GT2_6 24241	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NARROWS_GT2_7 24242	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NARROWS_GT2_8 24243	34.30 2.00 -0.01	32.38 1.77 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.18 1.85 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.23 1.22 0.00	28.23 1.34 0.00	27.84 1.38 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.33 1.27 0.00	36.88 1.99 0.00	39.63 2.21 -0.01	83.81 1.91 -50.00	32.06 1.81 -0.01	29.92 1.42 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.07 1.19 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.07 1.78 0.00	32.41 1.81 0.00	29.53 1.67 0.00	29.17 1.68 0.00	28.61 1.59 0.00	29.68 1.63 0.00	33.48 1.87 0.00	36.25 1.92 0.00	35.18 1.71 0.00	34.14 1.53 0.00	28.01 1.00 0.00	27.83 0.94 0.00	27.39 0.93 0.00	27.35 0.87 0.00	27.58 1.01 0.00	28.20 1.14 0.00	36.68 1.78 0.00	39.39 1.98 0.00	33.39 1.50 0.00	31.60 1.36 0.00	29.74 1.25 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.92 1.04 0.00
NCHELSEA_115KV_TR2 355582	34.13 1.84 0.00	32.26 1.65 0.00	29.31 1.45 0.00	28.92 1.43 0.00	28.37 1.35 0.00	29.49 1.43 0.00	33.29 1.68 0.00	36.15 1.82 0.00	35.31 1.84 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.07 1.18 0.00	27.65 1.19 0.00	27.64 1.16 0.00	27.82 1.25 0.00	28.33 1.27 0.00	36.75 1.85 0.00	39.47 2.06 0.00	33.65 1.75 0.00	31.87 1.63 0.00	29.89 1.40 0.00	28.34 1.43 0.00	27.61 1.31 0.00	27.05 1.16 0.00
NEG CAPITAL___MECHNVIL 23645	33.81 1.52 0.00	32.08 1.47 0.00	29.17 1.31 0.00	28.81 1.32 0.00	28.21 1.19 0.00	29.32 1.26 0.00	33.13 1.52 0.00	36.01 1.68 0.00	35.14 1.67 0.00	34.17 1.57 0.00	28.17 1.16 0.00	28.04 1.16 0.00	27.63 1.16 0.00	27.61 1.14 0.00	27.74 1.17 0.00	28.25 1.19 0.00	36.67 1.78 0.00	39.32 1.91 0.00	33.33 1.44 0.00	31.57 1.33 0.00	29.77 1.28 0.00	28.25 1.34 0.00	27.56 1.26 0.00	26.99 1.11 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.68 -1.61 0.00	28.95 -1.65 0.00	26.38 -1.48 0.00	26.04 -1.46 0.00	25.72 -1.30 0.00	26.79 -1.26 0.00	30.00 -1.61 0.00	32.47 -1.85 0.00	31.66 -1.81 0.00	31.01 -1.60 0.00	26.07 -0.95 0.00	25.86 -1.02 0.00	25.43 -1.03 0.00	25.36 -1.11 0.00	25.45 -1.11 0.00	25.95 -1.11 0.00	33.15 -1.74 0.00	35.39 -2.02 0.00	30.46 -1.43 0.00	28.91 -1.33 0.00	27.32 -1.17 0.00	25.78 -1.13 0.00	25.22 -1.08 0.00	24.87 -1.01 0.00
NEG CENTRAL___DRP 24199	31.84 -0.45 0.00	30.21 -0.40 0.00	27.50 -0.36 0.00	27.11 -0.38 0.00	26.78 -0.24 0.00	27.80 -0.25 0.00	31.30 -0.32 0.00	33.95 -0.38 0.00	33.14 -0.33 0.00	32.31 -0.29 0.00	26.96 -0.05 0.00	26.86 -0.03 0.00	26.36 -0.11 0.00	26.34 -0.13 0.00	26.41 -0.16 0.00	26.95 -0.11 0.00	34.51 -0.38 0.00	36.89 -0.52 0.00	31.74 -0.16 0.00	30.09 -0.15 0.00	28.43 -0.06 0.00	26.80 -0.11 0.00	26.17 -0.13 0.00	25.78 -0.10 0.00
NEG CENTRAL___INDECK 23768	32.45 0.16 0.00	30.58 -0.03 0.00	27.86 0.00 0.00	27.47 -0.03 0.00	27.21 0.19 0.00	28.39 0.34 0.00	31.77 0.16 0.00	34.43 0.10 0.00	33.50 0.03 0.00	32.74 0.13 0.00	27.63 0.62 0.00	27.34 0.46 0.00	26.78 0.32 0.00	26.66 0.19 0.00	26.83 0.27 0.00	27.41 0.35 0.00	35.07 0.18 0.00	37.45 0.04 0.00	32.37 0.48 0.00	30.69 0.45 0.00	29.06 0.57 0.00	27.39 0.48 0.00	26.70 0.40 0.00	26.30 0.41 0.00

NEG CENTRAL___SENECA 23627	32.00 -0.29 0.00	30.36 -0.24 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	26.94 -0.08 0.00	27.97 -0.08 0.00	31.46 -0.16 0.00	34.09 -0.24 0.00	33.27 -0.20 0.00	32.45 -0.16 0.00	27.15 0.14 0.00	27.05 0.16 0.00	26.54 0.08 0.00	26.53 0.05 0.00	26.57 0.00 0.00	27.14 0.08 0.00	34.65 -0.24 0.00	36.96 -0.45 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.66 0.17 0.00	26.99 0.08 0.00	26.35 0.05 0.00	25.93 0.05 0.00
NEG CENTRAL___STATE_STREET 24147	31.90 -0.39 0.00	30.27 -0.34 0.00	27.58 -0.28 0.00	27.19 -0.30 0.00	26.80 -0.22 0.00	27.83 -0.22 0.00	31.36 -0.25 0.00	34.09 -0.24 0.00	33.27 -0.20 0.00	32.45 -0.16 0.00	27.01 0.00 0.00	26.88 0.00 0.00	26.38 -0.08 0.00	26.39 -0.08 0.00	26.46 -0.11 0.00	27.01 -0.05 0.00	34.65 -0.24 0.00	37.11 -0.30 0.00	31.83 -0.06 0.00	30.15 -0.09 0.00	28.46 -0.03 0.00	26.83 -0.08 0.00	26.19 -0.11 0.00	25.81 -0.08 0.00
NEG MILLWOOD___DRP 24198	34.33 2.03 0.00	32.41 1.81 0.00	29.45 1.59 0.00	29.09 1.59 0.00	28.45 1.43 0.00	29.57 1.51 0.00	33.38 1.77 0.00	36.32 1.99 0.00	35.51 2.04 0.00	34.56 1.96 0.00	28.42 1.40 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.77 1.30 0.00	27.92 1.35 0.00	28.47 1.41 0.00	36.95 2.06 0.00	39.73 2.32 0.00	33.84 1.95 0.00	32.08 1.84 0.00	30.09 1.60 0.00	28.50 1.59 0.00	27.72 1.42 0.00	27.15 1.27 0.00
NEG NORTH_FLCN_SEA 23793	33.62 1.32 0.00	31.83 1.22 0.00	28.94 1.09 0.00	28.54 1.04 0.00	28.05 1.03 0.00	29.18 1.12 0.00	32.85 1.23 0.00	35.77 1.44 0.00	34.84 1.37 0.00	33.95 1.34 0.00	28.12 1.11 0.00	27.96 1.08 0.00	27.49 1.03 0.00	27.59 1.11 0.00	27.60 1.04 0.00	28.17 1.11 0.00	36.36 1.47 0.00	38.94 1.53 0.00	33.23 1.34 0.00	31.45 1.21 0.00	29.63 1.14 0.00	27.88 0.97 0.00	27.22 0.92 0.00	26.76 0.88 0.00
NEG NORTH_KES_CHATEGAY 23792	33.16 0.87 0.00	31.40 0.80 0.00	28.58 0.72 0.00	28.15 0.66 0.00	27.67 0.65 0.00	28.78 0.73 0.00	32.40 0.79 0.00	35.29 0.96 0.00	34.37 0.90 0.00	33.46 0.85 0.00	27.71 0.70 0.00	27.58 0.70 0.00	27.12 0.66 0.00	27.21 0.74 0.00	27.26 0.69 0.00	27.82 0.76 0.00	35.91 1.01 0.00	38.46 1.05 0.00	32.85 0.96 0.00	31.08 0.85 0.00	29.26 0.77 0.00	27.56 0.65 0.00	26.90 0.60 0.00	26.45 0.57 0.00
NEG NORTH___ALICE_FALLS 23915	33.71 1.42 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.62 1.13 0.00	28.13 1.11 0.00	29.26 1.21 0.00	32.94 1.33 0.00	35.91 1.58 0.00	34.98 1.51 0.00	34.08 1.47 0.00	28.23 1.22 0.00	28.07 1.18 0.00	27.60 1.14 0.00	27.66 1.19 0.00	27.68 1.12 0.00	28.25 1.19 0.00	36.50 1.61 0.00	39.09 1.68 0.00	33.36 1.47 0.00	31.57 1.33 0.00	29.72 1.23 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.81 0.93 0.00
NEG NORTH___LWR_SARANAC 23913	33.71 1.42 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.62 1.13 0.00	28.13 1.11 0.00	29.26 1.21 0.00	32.94 1.33 0.00	35.91 1.58 0.00	34.98 1.51 0.00	34.08 1.47 0.00	28.23 1.22 0.00	28.07 1.18 0.00	27.60 1.14 0.00	27.66 1.19 0.00	27.68 1.12 0.00	28.25 1.19 0.00	36.50 1.61 0.00	39.09 1.68 0.00	33.36 1.47 0.00	31.57 1.33 0.00	29.72 1.23 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.81 0.93 0.00
NEG NORTH___PLATTSBURG 23628	33.71 1.42 0.00	31.92 1.32 0.00	29.03 1.17 0.00	28.62 1.13 0.00	28.13 1.11 0.00	29.26 1.21 0.00	32.97 1.36 0.00	35.91 1.58 0.00	34.98 1.51 0.00	34.08 1.47 0.00	28.23 1.22 0.00	28.07 1.18 0.00	27.60 1.14 0.00	27.67 1.19 0.00	27.68 1.12 0.00	28.25 1.19 0.00	36.47 1.57 0.00	39.09 1.68 0.00	33.36 1.47 0.00	31.57 1.33 0.00	29.72 1.22 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.81 0.93 0.00
NEG WEST_LEA_LOCKPORT 23791	29.93 -2.36 0.00	28.59 -2.02 0.00	26.05 -1.81 0.00	25.65 -1.84 0.00	25.51 -1.51 0.00	26.46 -1.60 0.00	29.27 -2.34 0.00	31.55 -2.78 0.00	30.73 -2.74 0.00	30.00 -2.61 0.00	25.58 -1.43 0.00	25.67 -1.21 0.00	25.14 -1.32 0.00	25.15 -1.32 0.00	25.11 -1.46 0.00	25.63 -1.43 0.00	32.21 -2.69 0.00	34.30 -3.11 0.00	29.85 -2.04 0.00	28.33 -1.90 0.00	26.98 -1.51 0.00	25.48 -1.43 0.00	25.06 -1.24 0.00	24.72 -1.16 0.00
NEG WEST___LANCASTER 23811	31.23 -1.07 0.00	29.72 -0.89 0.00	27.11 -0.75 0.00	26.73 -0.77 0.00	26.59 -0.43 0.00	27.55 -0.50 0.00	30.63 -0.98 0.00	33.30 -1.03 0.00	32.43 -1.04 0.00	31.60 -1.01 0.00	26.90 -0.11 0.00	26.94 0.05 0.00	26.38 -0.08 0.00	26.34 -0.13 0.00	26.33 -0.24 0.00	26.87 -0.19 0.00	33.92 -0.98 0.00	36.14 -1.27 0.00	31.38 -0.51 0.00	29.75 -0.48 0.00	28.29 -0.20 0.00	26.75 -0.16 0.00	26.25 -0.05 0.00	25.70 -0.18 0.00
NEG_PENN_ALLEGHNY 23528	32.29 0.00 0.00	30.55 -0.06 0.00	27.83 -0.03 0.00	27.47 -0.03 0.00	27.07 0.05 0.00	28.14 0.08 0.00	31.64 0.03 0.00	34.33 0.00 0.00	33.47 0.00 0.00	32.64 0.03 0.00	27.25 0.24 0.00	27.10 0.21 0.00	26.65 0.19 0.00	26.61 0.13 0.00	26.70 0.13 0.00	27.22 0.16 0.00	34.93 0.03 0.00	37.37 -0.04 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.66 0.17 0.00	27.04 0.14 0.00	26.38 0.08 0.00	25.99 0.10 0.00
NEG___GEN_MONROE 24207	30.77 -1.52 0.00	29.29 -1.32 0.00	26.72 -1.14 0.00	26.34 -1.15 0.00	26.10 -0.92 0.00	27.16 -0.90 0.00	30.32 -1.30 0.00	32.78 -1.54 0.00	32.03 -1.44 0.00	31.30 -1.30 0.00	26.39 -0.62 0.00	26.37 -0.51 0.00	25.80 -0.66 0.00	25.81 -0.66 0.00	25.77 -0.80 0.00	26.33 -0.73 0.00	33.47 -1.43 0.00	35.73 -1.68 0.00	30.91 -0.99 0.00	29.27 -0.97 0.00	27.72 -0.77 0.00	26.13 -0.78 0.00	25.59 -0.71 0.00	25.26 -0.62 0.00
NEPA___ENERGY 23901	30.87 -1.42 0.00	29.38 -1.22 0.00	26.77 -1.09 0.00	26.40 -1.10 0.00	26.29 -0.73 0.00	27.21 -0.84 0.00	30.29 -1.33 0.00	32.78 -1.54 0.00	31.90 -1.57 0.00	31.08 -1.53 0.00	26.44 -0.57 0.00	26.45 -0.43 0.00	25.91 -0.56 0.00	25.86 -0.61 0.00	25.85 -0.72 0.00	26.38 -0.68 0.00	33.29 -1.61 0.00	35.46 -1.95 0.00	30.81 -1.08 0.00	29.21 -1.03 0.00	27.81 -0.68 0.00	26.29 -0.62 0.00	25.83 -0.47 0.00	25.42 -0.47 0.00
NEVERSINK___HYD 23608	34.33 2.04 0.00	32.44 1.84 0.00	29.47 1.62 0.00	29.09 1.59 0.00	28.53 1.51 0.00	29.68 1.63 0.00	33.54 1.93 0.00	36.42 2.09 0.00	35.58 2.11 0.00	34.53 1.92 0.00	28.36 1.35 0.00	28.20 1.32 0.00	27.71 1.24 0.00	27.69 1.22 0.00	27.87 1.30 0.00	28.49 1.43 0.00	37.02 2.13 0.00	39.77 2.36 0.00	33.94 2.04 0.00	32.14 1.91 0.00	30.14 1.65 0.00	28.47 1.56 0.00	27.72 1.42 0.00	27.13 1.24 0.00
NEWKRMKL_115KV_TB1 55635	32.94 0.65 0.00	31.40 0.80 0.00	28.64 0.78 0.00	28.32 0.82 0.00	27.75 0.73 0.00	28.78 0.73 0.00	32.40 0.79 0.00	35.12 0.79 0.00	34.04 0.57 0.00	33.13 0.52 0.00	27.31 0.30 0.00	27.15 0.27 0.00	26.78 0.32 0.00	26.79 0.32 0.00	26.91 0.35 0.00	27.39 0.32 0.00	35.45 0.56 0.00	38.08 0.67 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.86 0.37 0.00	27.29 0.38 0.00	26.64 0.34 0.00	26.14 0.26 0.00

NEWTON___FALLS_HYD 23847	31.87 -0.42 0.00	30.15 -0.46 0.00	27.44 -0.42 0.00	27.05 -0.44 0.00	26.61 -0.41 0.00	27.66 -0.39 0.00	31.27 -0.35 0.00	34.02 -0.31 0.00	33.17 -0.30 0.00	32.28 -0.33 0.00	26.71 -0.30 0.00	26.51 -0.38 0.00	26.07 -0.40 0.00	26.16 -0.32 0.00	26.20 -0.37 0.00	26.79 -0.27 0.00	34.55 -0.35 0.00	36.92 -0.49 0.00	31.45 -0.45 0.00	29.90 -0.33 0.00	28.15 -0.34 0.00	26.48 -0.43 0.00	25.80 -0.50 0.00	25.34 -0.54 0.00
NGRID_A1_DSASP 323792	29.61 -2.68 0.00	27.91 -2.69 0.00	25.49 -2.37 0.00	25.13 -2.36 0.00	24.94 -2.08 0.00	26.03 -2.02 0.00	28.67 -2.94 0.00	30.69 -3.64 0.00	29.89 -3.58 0.00	29.45 -3.16 0.00	25.23 -1.78 0.00	25.08 -1.80 0.00	24.74 -1.72 0.00	24.59 -1.88 0.00	24.68 -1.89 0.00	25.03 -2.03 0.00	31.44 -3.46 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.32 -2.17 0.00	24.89 -2.02 0.00	24.41 -1.89 0.00	24.15 -1.73 0.00
NGRID_A2_DSASP 323793	29.61 -2.68 0.00	27.91 -2.69 0.00	25.49 -2.37 0.00	25.13 -2.36 0.00	24.94 -2.08 0.00	26.03 -2.02 0.00	28.67 -2.94 0.00	30.69 -3.64 0.00	29.89 -3.58 0.00	29.45 -3.16 0.00	25.23 -1.78 0.00	25.08 -1.80 0.00	24.74 -1.72 0.00	24.59 -1.88 0.00	24.68 -1.89 0.00	25.03 -2.03 0.00	31.44 -3.46 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.32 -2.17 0.00	24.89 -2.02 0.00	24.41 -1.89 0.00	24.15 -1.73 0.00
NGRID_A4_DSASP 323807	29.61 -2.68 0.00	27.91 -2.69 0.00	25.49 -2.37 0.00	25.13 -2.36 0.00	24.94 -2.08 0.00	26.03 -2.02 0.00	28.67 -2.94 0.00	30.69 -3.64 0.00	29.89 -3.58 0.00	29.45 -3.16 0.00	25.23 -1.78 0.00	25.08 -1.80 0.00	24.74 -1.72 0.00	24.59 -1.88 0.00	24.68 -1.89 0.00	25.03 -2.03 0.00	31.44 -3.46 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.32 -2.17 0.00	24.89 -2.02 0.00	24.41 -1.89 0.00	24.15 -1.73 0.00
NIAGARA_115E_LBMP 323715	29.74 -2.55 0.00	28.01 -2.60 0.00	25.57 -2.28 0.00	25.21 -2.28 0.00	25.05 -1.97 0.00	26.12 -1.94 0.00	28.80 -2.81 0.00	30.86 -3.47 0.00	30.06 -3.41 0.00	29.58 -3.03 0.00	25.36 -1.65 0.00	25.19 -1.69 0.00	24.85 -1.62 0.00	24.67 -1.80 0.00	24.76 -1.81 0.00	25.14 -1.92 0.00	31.61 -3.28 0.00	33.59 -3.82 0.00	29.25 -2.65 0.00	27.76 -2.48 0.00	26.47 -2.02 0.00	25.00 -1.91 0.00	24.51 -1.79 0.00	24.25 -1.63 0.00
NIAGARA_115W_LBMP 323714	29.55 -2.74 0.00	27.82 -2.79 0.00	25.43 -2.42 0.00	25.05 -2.45 0.00	24.86 -2.16 0.00	25.95 -2.10 0.00	28.58 -3.03 0.00	30.59 -3.74 0.00	29.82 -3.65 0.00	29.35 -3.26 0.00	25.17 -1.84 0.00	25.00 -1.88 0.00	24.66 -1.80 0.00	24.51 -1.96 0.00	24.60 -1.97 0.00	24.95 -2.11 0.00	31.37 -3.52 0.00	33.29 -4.12 0.00	29.02 -2.87 0.00	27.55 -2.69 0.00	26.27 -2.22 0.00	24.81 -2.10 0.00	24.33 -1.97 0.00	24.10 -1.79 0.00
NIAGARA_230_LBMP 323716	30.00 -2.29 0.00	28.28 -2.33 0.00	25.82 -2.03 0.00	25.46 -2.03 0.00	25.26 -1.76 0.00	26.37 -1.68 0.00	29.08 -2.53 0.00	31.13 -3.19 0.00	30.36 -3.11 0.00	29.87 -2.74 0.00	25.55 -1.46 0.00	25.41 -1.48 0.00	25.06 -1.40 0.00	24.91 -1.56 0.00	25.00 -1.57 0.00	25.36 -1.70 0.00	31.89 -3.00 0.00	33.89 -3.52 0.00	29.50 -2.39 0.00	28.00 -2.24 0.00	26.70 -1.79 0.00	25.22 -1.69 0.00	24.72 -1.58 0.00	24.46 -1.42 0.00
NIAGARA___115KV_198_GIBSON 55903	29.16 -3.13 0.00	27.85 -2.75 0.00	25.41 -2.45 0.00	25.02 -2.47 0.00	24.89 -2.13 0.00	25.78 -2.27 0.00	28.48 -3.13 0.00	30.62 -3.71 0.00	29.86 -3.61 0.00	29.15 -3.46 0.00	24.88 -2.13 0.00	25.00 -1.88 0.00	24.50 -1.96 0.00	24.51 -1.96 0.00	24.47 -2.10 0.00	24.95 -2.11 0.00	31.30 -3.59 0.00	33.29 -4.12 0.00	29.02 -2.87 0.00	27.55 -2.69 0.00	26.27 -2.22 0.00	24.78 -2.13 0.00	24.41 -1.89 0.00	24.10 -1.79 0.00
NIAGARA____ 23760	30.00 -2.29 0.00	28.28 -2.33 0.00	25.82 -2.03 0.00	25.46 -2.03 0.00	25.26 -1.76 0.00	26.37 -1.68 0.00	29.08 -2.53 0.00	31.13 -3.19 0.00	30.36 -3.11 0.00	29.87 -2.74 0.00	25.55 -1.46 0.00	25.41 -1.48 0.00	25.06 -1.40 0.00	24.91 -1.56 0.00	25.00 -1.57 0.00	25.36 -1.70 0.00	31.89 -3.00 0.00	33.89 -3.52 0.00	29.50 -2.39 0.00	28.00 -2.24 0.00	26.70 -1.79 0.00	25.22 -1.69 0.00	24.72 -1.58 0.00	24.46 -1.42 0.00
NINE_MILE_1 23575	30.97 -1.33 0.00	29.35 -1.26 0.00	26.71 -1.14 0.00	26.37 -1.13 0.00	25.97 -1.05 0.00	26.96 -1.09 0.00	30.35 -1.27 0.00	32.92 -1.41 0.00	32.10 -1.37 0.00	31.30 -1.31 0.00	26.04 -0.97 0.00	25.92 -0.97 0.00	25.48 -0.98 0.00	25.49 -0.98 0.00	25.59 -0.98 0.00	26.06 -1.00 0.00	33.50 -1.40 0.00	35.87 -1.54 0.00	30.65 -1.24 0.00	29.09 -1.15 0.00	27.44 -1.05 0.00	25.91 -1.00 0.00	25.41 -0.89 0.00	25.11 -0.78 0.00
NINE_MILE_2 23744	30.97 -1.33 0.00	29.35 -1.26 0.00	26.71 -1.14 0.00	26.37 -1.13 0.00	25.97 -1.05 0.00	26.96 -1.09 0.00	30.35 -1.27 0.00	32.92 -1.41 0.00	32.10 -1.37 0.00	31.30 -1.31 0.00	26.04 -0.97 0.00	25.92 -0.97 0.00	25.48 -0.98 0.00	25.49 -0.98 0.00	25.59 -0.98 0.00	26.06 -1.00 0.00	33.50 -1.40 0.00	35.87 -1.54 0.00	30.65 -1.24 0.00	29.09 -1.15 0.00	27.44 -1.05 0.00	25.91 -1.00 0.00	25.41 -0.89 0.00	25.11 -0.78 0.00
NM_CAPITAL___DRP 24208	33.03 0.74 0.00	31.43 0.83 0.00	28.67 0.81 0.00	28.32 0.82 0.00	27.75 0.73 0.00	28.78 0.73 0.00	32.44 0.82 0.00	35.12 0.79 0.00	34.11 0.64 0.00	33.20 0.59 0.00	27.36 0.35 0.00	27.21 0.32 0.00	26.86 0.40 0.00	26.84 0.37 0.00	26.99 0.43 0.00	27.44 0.38 0.00	35.52 0.63 0.00	38.16 0.75 0.00	32.37 0.48 0.00	30.66 0.42 0.00	28.92 0.43 0.00	27.37 0.46 0.00	26.72 0.42 0.00	26.22 0.34 0.00
NM_CENTRAL___DRP 24181	31.48 -0.81 0.00	29.90 -0.70 0.00	27.27 -0.59 0.00	26.92 -0.58 0.00	26.51 -0.51 0.00	27.52 -0.53 0.00	30.98 -0.63 0.00	33.67 -0.65 0.00	32.83 -0.64 0.00	32.02 -0.59 0.00	26.63 -0.38 0.00	26.51 -0.38 0.00	26.04 -0.42 0.00	26.05 -0.42 0.00	26.12 -0.45 0.00	26.60 -0.46 0.00	34.13 -0.77 0.00	36.55 -0.86 0.00	31.26 -0.64 0.00	29.69 -0.54 0.00	28.04 -0.46 0.00	26.45 -0.46 0.00	25.85 -0.45 0.00	25.52 -0.36 0.00
NM_FRONTIER___DRP 24179	29.16 -3.13 0.00	27.85 -2.75 0.00	25.41 -2.45 0.00	25.02 -2.47 0.00	24.89 -2.13 0.00	25.78 -2.27 0.00	28.48 -3.13 0.00	30.62 -3.71 0.00	29.86 -3.61 0.00	29.15 -3.46 0.00	24.88 -2.13 0.00	25.00 -1.88 0.00	24.50 -1.96 0.00	24.51 -1.96 0.00	24.47 -2.10 0.00	24.95 -2.11 0.00	31.30 -3.59 0.00	33.29 -4.12 0.00	29.02 -2.87 0.00	27.55 -2.69 0.00	26.27 -2.22 0.00	24.78 -2.13 0.00	24.41 -1.89 0.00	24.10 -1.79 0.00
NM_ST_REGIS___HYD 24053	32.39 0.10 0.00	30.64 0.03 0.00	27.89 0.03 0.00	27.49 0.00 0.00	27.02 0.00 0.00	28.08 0.03 0.00	31.68 0.06 0.00	34.46 0.14 0.00	33.60 0.13 0.00	32.71 0.10 0.00	27.07 0.05 0.00	26.91 0.03 0.00	26.46 0.00 0.00	26.53 0.05 0.00	26.57 0.00 0.00	27.12 0.05 0.00	35.04 0.14 0.00	37.48 0.07 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.49 0.00 0.00	26.83 -0.08 0.00	26.17 -0.13 0.00	25.70 -0.18 0.00

NORTHPORT___1 23551	47.43 2.68 -12.46	46.03 2.54 -12.88	41.58 2.26 -11.47	37.92 2.23 -8.20	39.43 2.13 -10.28	41.81 2.25 -11.51	42.33 2.53 -8.19	47.43 2.82 -10.29	49.02 2.71 -12.84	41.69 2.55 -6.54	34.37 1.81 -5.55	33.36 1.88 -4.59	32.79 1.91 -4.42	32.87 1.88 -4.52	33.70 1.91 -5.22	34.38 1.87 -5.45	41.39 2.58 -3.91	52.87 2.77 -12.69	46.70 2.39 -12.42	42.28 2.24 -9.80	39.07 1.94 -8.64	38.40 1.86 -9.64	34.75 1.76 -6.69	33.36 1.66 -5.82
NORTHPORT___2 23552	47.43 2.68 -12.46	46.03 2.54 -12.88	41.58 2.26 -11.47	37.92 2.23 -8.20	39.43 2.13 -10.28	41.81 2.25 -11.51	42.33 2.53 -8.19	47.43 2.82 -10.29	49.02 2.71 -12.84	41.69 2.55 -6.54	34.37 1.81 -5.55	33.36 1.88 -4.59	32.79 1.91 -4.42	32.87 1.88 -4.52	33.70 1.91 -5.22	34.38 1.87 -5.45	41.39 2.58 -3.91	52.87 2.77 -12.69	46.70 2.39 -12.42	42.28 2.24 -9.80	39.07 1.94 -8.64	38.40 1.86 -9.64	34.75 1.76 -6.69	33.36 1.66 -5.82
NORTHPORT___3 23553	47.01 2.26 -12.46	45.60 2.11 -12.88	41.22 1.90 -11.47	37.54 1.84 -8.20	39.05 1.76 -10.28	41.42 1.85 -11.51	41.95 2.15 -8.19	47.02 2.40 -10.29	48.69 2.38 -12.84	41.40 2.25 -6.54	34.21 1.65 -5.55	33.17 1.69 -4.59	32.58 1.70 -4.42	32.66 1.67 -4.52	33.51 1.73 -5.22	34.22 1.71 -5.45	41.21 2.41 -3.91	52.76 2.66 -12.69	46.61 2.30 -12.42	42.22 2.18 -9.80	39.01 1.88 -8.64	38.32 1.78 -9.64	34.65 1.66 -6.69	33.18 1.47 -5.82
NORTHPORT___4 23650	47.01 2.26 -12.46	45.60 2.11 -12.88	41.22 1.90 -11.47	37.54 1.84 -8.20	39.05 1.76 -10.28	41.42 1.85 -11.51	41.95 2.15 -8.19	47.02 2.40 -10.29	48.69 2.38 -12.84	41.40 2.25 -6.54	34.21 1.65 -5.55	33.17 1.69 -4.59	32.58 1.70 -4.42	32.66 1.67 -4.52	33.51 1.73 -5.22	34.22 1.71 -5.45	41.21 2.41 -3.91	52.76 2.66 -12.69	46.61 2.30 -12.42	42.22 2.18 -9.80	39.01 1.88 -8.64	38.32 1.78 -9.64	34.65 1.66 -6.69	33.18 1.47 -5.82
NORTHPORT___IC 23718	47.43 2.68 -12.46	46.03 2.54 -12.88	41.58 2.26 -11.47	37.92 2.23 -8.20	39.43 2.13 -10.28	41.81 2.25 -11.51	42.33 2.53 -8.19	47.43 2.82 -10.29	49.02 2.71 -12.84	41.69 2.55 -6.54	34.37 1.81 -5.55	33.36 1.88 -4.59	32.79 1.91 -4.42	32.87 1.88 -4.52	33.70 1.91 -5.22	34.38 1.87 -5.45	41.39 2.58 -3.91	52.87 2.77 -12.69	46.70 2.39 -12.42	42.28 2.24 -9.80	39.07 1.94 -8.64	38.40 1.86 -9.64	34.75 1.76 -6.69	33.36 1.66 -5.82
NORTH___COUNTRY_ESR 323785	33.04 0.74 0.00	31.31 0.70 0.00	28.47 0.61 0.00	28.07 0.58 0.00	27.59 0.57 0.00	28.67 0.62 0.00	32.31 0.69 0.00	35.15 0.82 0.00	34.27 0.80 0.00	33.36 0.75 0.00	27.63 0.62 0.00	27.50 0.62 0.00	27.04 0.58 0.00	27.11 0.63 0.00	27.15 0.58 0.00	27.68 0.62 0.00	35.73 0.84 0.00	38.27 0.86 0.00	32.66 0.76 0.00	30.93 0.70 0.00	29.12 0.63 0.00	27.42 0.51 0.00	26.77 0.47 0.00	26.32 0.44 0.00
NPX_GEN_1385_PROXY 323591	47.01 2.26 -12.46	45.72 2.23 -12.88	41.25 1.92 -11.47	37.62 1.92 -8.20	39.14 1.84 -10.28	41.50 1.93 -11.51	42.24 2.43 -8.19	47.33 2.71 -10.29	48.52 2.21 -12.84	39.99 2.06 -5.33	35.56 1.78 -6.77	33.12 1.64 -4.59	32.58 1.70 -4.42	32.63 1.64 -4.52	33.49 1.70 -5.22	34.33 1.81 -5.45	41.18 2.37 -3.91	52.35 2.24 -12.69	46.00 1.69 -12.42	41.73 1.69 -9.80	38.58 1.45 -8.64	38.00 1.45 -9.64	34.43 1.45 -6.69	33.05 1.35 -5.82
NPX_GEN_CSC 323557	47.88 3.13 -12.46	46.46 2.97 -12.88	41.98 2.65 -11.47	38.28 2.58 -8.20	39.78 2.48 -10.28	42.20 2.64 -11.51	42.84 3.04 -8.19	47.95 3.33 -10.29	49.56 3.25 -12.84	40.97 3.03 -5.33	36.07 2.29 -6.77	33.79 2.31 -4.59	33.16 2.28 -4.42	33.27 2.28 -4.52	34.13 2.34 -5.22	34.87 2.35 -5.45	42.16 3.35 -3.91	53.77 3.67 -12.69	47.53 3.22 -12.42	43.03 2.99 -9.80	39.78 2.65 -8.64	39.08 2.53 -9.64	35.33 2.34 -6.69	33.85 2.15 -5.82
NSINS_S_GLNS_FALLS 23858	33.71 1.42 0.00	31.89 1.29 0.00	29.00 1.14 0.00	28.62 1.13 0.00	28.05 1.03 0.00	29.18 1.12 0.00	33.00 1.39 0.00	35.91 1.58 0.00	35.11 1.64 0.00	34.17 1.57 0.00	28.15 1.13 0.00	27.99 1.10 0.00	27.60 1.14 0.00	27.51 1.03 0.00	27.68 1.12 0.00	28.20 1.14 0.00	36.64 1.74 0.00	39.28 1.87 0.00	33.23 1.34 0.00	31.51 1.27 0.00	29.69 1.20 0.00	27.96 1.05 0.00	27.93 1.63 0.00	27.33 1.45 0.00
NUCOR_STEEL___DRP 24197	31.94 -0.36 0.00	30.27 -0.34 0.00	27.58 -0.28 0.00	27.19 -0.30 0.00	26.80 -0.22 0.00	27.83 -0.22 0.00	31.36 -0.25 0.00	34.09 -0.24 0.00	33.24 -0.23 0.00	32.41 -0.20 0.00	26.98 -0.03 0.00	26.86 -0.03 0.00	26.36 -0.11 0.00	26.37 -0.11 0.00	26.43 -0.13 0.00	26.98 -0.08 0.00	34.65 -0.24 0.00	37.07 -0.34 0.00	31.77 -0.13 0.00	30.12 -0.12 0.00	28.43 -0.06 0.00	26.80 -0.11 0.00	26.17 -0.13 0.00	25.81 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	32.45 0.16 0.00	30.70 0.09 0.00	27.91 0.06 0.00	27.55 0.06 0.00	27.10 0.08 0.00	28.20 0.14 0.00	31.90 0.28 0.00	34.74 0.41 0.00	33.90 0.43 0.00	32.97 0.36 0.00	27.31 0.30 0.00	27.07 0.19 0.00	26.62 0.16 0.00	26.68 0.21 0.00	26.73 0.16 0.00	27.39 0.33 0.00	35.14 0.25 0.00	37.48 0.07 0.00	31.96 0.06 0.00	30.54 0.30 0.00	28.75 0.26 0.00	27.02 0.11 0.00	26.33 0.03 0.00	25.86 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	32.29 0.00 0.00	30.61 0.00 0.00	27.86 0.00 0.00	27.49 0.00 0.00	27.02 0.00 0.00	28.06 0.00 0.00	31.61 0.00 0.00	34.33 0.00 0.00	33.47 0.00 0.00	32.61 0.00 0.00	27.01 0.00 0.00	26.88 0.00 0.00	26.46 0.00 0.00	26.47 0.00 0.00	26.57 0.00 0.00	27.06 0.00 0.00	34.90 0.00 0.00	37.41 0.00 0.00	31.89 0.00 0.00	30.24 0.00 0.00	28.49 0.00 0.00	26.91 0.00 0.00	26.30 0.00 0.00	25.88 0.00 0.00
NYPA_BRENTWD___GT 24164	47.79 3.03 -12.46	46.34 2.85 -12.88	41.86 2.53 -11.47	38.20 2.50 -8.20	39.70 2.40 -10.28	42.09 2.53 -11.51	42.68 2.88 -8.19	47.81 3.19 -10.29	49.42 3.11 -12.84	42.09 2.94 -6.54	34.72 2.16 -5.55	33.71 2.23 -4.59	33.11 2.22 -4.42	33.19 2.20 -4.52	34.05 2.26 -5.22	34.76 2.24 -5.45	41.95 3.14 -3.91	53.54 3.44 -12.69	47.31 3.00 -12.42	42.82 2.78 -9.80	39.58 2.45 -8.64	38.86 2.31 -9.64	35.17 2.18 -6.69	33.72 2.02 -5.82
NYPA_GOWANUS___GT5 24156	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00
NYPA_GOWANUS___GT6 24157	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.29 1.67 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.43 1.82 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.80 1.32 0.00	27.95 1.38 0.00	28.31 1.25 0.00	36.92 2.02 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.10 1.84 -0.01	29.89 1.40 0.00	28.25 1.34 0.00	27.69 1.39 0.00	27.10 1.22 0.00

NYPA_HARLEM__RVR__GT1 24160	33.84 1.55 0.00	31.98 1.38 0.01	29.19 1.34 0.00	28.79 1.29 0.00	28.18 1.16 0.00	29.25 1.21 0.01	32.99 1.39 0.01	35.90 1.58 0.01	35.07 1.61 0.01	34.17 1.57 0.01	28.03 1.03 0.01	28.03 1.16 0.01	27.62 1.16 0.01	27.60 1.14 0.01	27.76 1.20 0.01	28.14 1.08 0.01	36.53 1.64 0.01	39.20 1.80 0.01	33.48 1.59 0.01	31.74 1.51 0.01	29.68 1.20 0.01	28.01 1.10 0.01	27.37 1.08 0.01	26.79 0.91 0.00
NYPA_HARLEM__RVR__GT2 24161	33.84 1.55 0.00	31.98 1.38 0.01	29.19 1.34 0.00	28.79 1.29 0.00	28.18 1.16 0.00	29.25 1.21 0.01	32.99 1.39 0.01	35.90 1.58 0.01	35.07 1.61 0.01	34.17 1.57 0.01	28.03 1.03 0.01	28.03 1.16 0.01	27.62 1.16 0.01	27.60 1.14 0.01	27.76 1.20 0.01	28.14 1.08 0.01	36.53 1.64 0.01	39.20 1.80 0.01	33.48 1.59 0.01	31.74 1.51 0.01	29.68 1.20 0.01	28.01 1.10 0.01	27.37 1.08 0.01	26.79 0.91 0.00
NYPA_KENT____GT 24152	34.16 1.87 0.00	32.29 1.68 0.00	29.42 1.56 0.00	28.98 1.48 0.00	28.40 1.38 0.00	29.49 1.43 0.00	33.26 1.64 0.00	36.14 1.82 0.00	35.31 1.84 0.00	34.40 1.79 0.00	28.20 1.19 0.00	28.20 1.32 0.00	27.78 1.32 0.00	27.77 1.30 0.00	27.92 1.35 0.00	28.31 1.25 0.00	36.81 1.92 0.00	39.52 2.09 -0.01	83.71 1.82 -50.00	32.00 1.75 -0.01	29.86 1.37 0.00	28.23 1.32 0.00	27.61 1.31 0.00	26.99 1.11 0.00
NYPA_POUCH1____GT 24155	34.34 2.04 -0.01	32.41 1.81 0.00	29.50 1.64 0.00	29.06 1.57 0.00	28.45 1.43 0.00	29.46 1.40 0.00	33.13 1.52 0.00	35.94 1.61 0.00	35.04 1.57 0.00	34.14 1.53 0.00	27.92 0.92 0.01	27.92 1.05 0.01	27.57 1.11 0.01	27.53 1.06 0.00	27.71 1.14 0.00	28.06 1.00 0.00	36.67 1.78 0.00	39.37 1.94 -0.01	54.20 1.63 -20.68	31.85 1.60 -0.01	29.69 1.20 0.00	28.09 1.18 0.00	27.61 1.31 0.00	27.05 1.17 0.00
NYPA_VERNON____GT2 24162	34.03 1.74 0.00	32.20 1.59 0.00	29.30 1.45 0.00	28.92 1.43 0.00	28.34 1.32 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.20 1.19 0.00	28.17 1.29 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.17 1.27 0.00	27.54 1.24 0.00	26.92 1.04 0.00
NYPA_VERNON____GT3 24163	34.03 1.74 0.00	32.20 1.59 0.00	29.30 1.45 0.00	28.92 1.43 0.00	28.34 1.32 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.20 1.19 0.00	28.17 1.29 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.17 1.27 0.00	27.54 1.24 0.00	26.92 1.04 0.00
NYPA__ASTORIA_CC1 323568	34.00 1.71 0.00	32.17 1.56 0.00	29.30 1.45 0.00	28.90 1.40 0.00	28.32 1.30 0.00	29.40 1.35 0.00	33.16 1.55 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.30 1.69 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.67 1.78 0.00	39.35 1.94 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.15 1.24 0.00	27.51 1.21 0.00	26.89 1.01 0.00
NYPA__ASTORIA_CC2 323569	34.00 1.71 0.00	32.17 1.56 0.00	29.30 1.45 0.00	28.90 1.40 0.00	28.32 1.30 0.00	29.40 1.35 0.00	33.16 1.55 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.30 1.69 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.25 1.19 0.00	36.67 1.78 0.00	39.35 1.94 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.80 1.31 0.00	28.15 1.24 0.00	27.51 1.21 0.00	26.89 1.01 0.00
NYPA__HOLTSVILL 23794	47.69 2.94 -12.46	46.27 2.79 -12.88	41.81 2.48 -11.47	38.12 2.42 -8.20	39.62 2.32 -10.28	42.03 2.47 -11.51	42.62 2.81 -8.19	47.74 3.12 -10.29	49.36 3.05 -12.84	41.99 2.84 -6.54	34.67 2.11 -5.55	33.63 2.15 -4.59	33.03 2.14 -4.42	33.11 2.12 -4.52	33.97 2.18 -5.22	34.71 2.19 -5.45	41.88 3.07 -3.91	53.47 3.37 -12.69	47.28 2.97 -12.42	42.79 2.75 -9.80	39.55 2.42 -8.64	38.86 2.31 -9.64	35.14 2.16 -6.69	33.67 1.97 -5.82
NYPA__HELLGATE_GT1 24158	33.84 1.55 0.00	31.98 1.38 0.01	29.19 1.34 0.00	28.79 1.29 0.00	28.18 1.16 0.00	29.25 1.21 0.01	32.99 1.39 0.01	35.90 1.58 0.01	35.07 1.61 0.01	34.17 1.57 0.01	28.03 1.03 0.01	28.03 1.16 0.01	27.62 1.16 0.01	27.60 1.14 0.01	27.76 1.20 0.01	28.14 1.08 0.01	36.53 1.64 0.01	39.20 1.80 0.01	33.48 1.59 0.01	31.74 1.51 0.01	29.68 1.20 0.01	28.01 1.10 0.01	27.37 1.08 0.01	26.79 0.91 0.00
NYPA__HELLGATE_GT2 24159	33.84 1.55 0.00	31.98 1.38 0.01	29.19 1.34 0.00	28.79 1.29 0.00	28.18 1.16 0.00	29.25 1.21 0.01	32.99 1.39 0.01	35.90 1.58 0.01	35.07 1.61 0.01	34.17 1.57 0.01	28.03 1.03 0.01	28.03 1.16 0.01	27.62 1.16 0.01	27.60 1.14 0.01	27.76 1.20 0.01	28.14 1.08 0.01	36.53 1.64 0.01	39.20 1.80 0.01	33.48 1.59 0.01	31.74 1.51 0.01	29.68 1.20 0.01	28.01 1.10 0.01	27.37 1.08 0.01	26.79 0.91 0.00
NYS_BARGE__HYD 23848	30.29 -2.00 0.00	28.53 -2.08 0.00	26.05 -1.81 0.00	25.68 -1.82 0.00	25.51 -1.51 0.00	26.63 -1.43 0.00	29.37 -2.24 0.00	31.51 -2.81 0.00	30.73 -2.74 0.00	30.20 -2.41 0.00	25.85 -1.16 0.00	25.68 -1.21 0.00	25.33 -1.14 0.00	25.15 -1.32 0.00	25.24 -1.33 0.00	25.63 -1.44 0.00	32.28 -2.62 0.00	34.31 -3.10 0.00	29.85 -2.04 0.00	28.33 -1.90 0.00	26.98 -1.51 0.00	25.48 -1.43 0.00	24.96 -1.34 0.00	24.69 -1.19 0.00
OAK ORCHARD__HYD 24046	31.10 -1.19 0.00	29.32 -1.28 0.00	26.74 -1.12 0.00	26.37 -1.13 0.00	26.10 -0.92 0.00	27.19 -0.87 0.00	30.35 -1.27 0.00	32.75 -1.58 0.00	31.97 -1.51 0.00	31.34 -1.27 0.00	26.44 -0.57 0.00	26.24 -0.65 0.00	25.80 -0.66 0.00	25.70 -0.77 0.00	25.82 -0.74 0.00	26.30 -0.76 0.00	33.50 -1.40 0.00	35.76 -1.65 0.00	30.84 -1.05 0.00	29.27 -0.97 0.00	27.72 -0.77 0.00	26.16 -0.75 0.00	25.59 -0.71 0.00	25.26 -0.62 0.00
OAKDALE__35_KV_LOAD 356122	32.20 -0.10 0.00	30.52 -0.09 0.00	27.77 -0.08 0.00	27.41 -0.08 0.00	27.05 0.03 0.00	28.06 0.00 0.00	31.55 -0.06 0.00	34.29 -0.03 0.00	33.40 -0.07 0.00	32.54 -0.07 0.00	27.15 0.14 0.00	27.05 0.16 0.00	26.57 0.11 0.00	26.55 0.08 0.00	26.62 0.05 0.00	27.17 0.11 0.00	34.83 -0.07 0.00	37.30 -0.11 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.61 0.11 0.00	27.02 0.11 0.00	26.41 0.11 0.00	25.96 0.08 0.00
OCC_CHEM__DRP 24175	29.22 -3.07 0.00	27.95 -2.66 0.00	25.46 -2.40 0.00	25.10 -2.39 0.00	24.94 -2.08 0.00	25.87 -2.19 0.00	28.58 -3.03 0.00	30.72 -3.60 0.00	29.92 -3.55 0.00	29.25 -3.36 0.00	24.96 -2.05 0.00	25.08 -1.80 0.00	24.56 -1.91 0.00	24.59 -1.88 0.00	24.52 -2.05 0.00	25.03 -2.03 0.00	31.37 -3.52 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.33 -2.17 0.00	24.86 -2.05 0.00	24.49 -1.81 0.00	24.17 -1.71 0.00

OH_GEN_PROXY 24063	30.03 -2.26 0.00	28.31 -2.30 0.00	25.88 -1.98 0.00	25.51 -1.98 0.00	25.29 -1.73 0.00	26.40 -1.66 0.00	29.15 -2.47 0.00	31.24 -3.09 0.00	30.46 -3.01 0.00	28.75 -2.64 1.21	26.85 -1.38 -1.21	25.46 -1.43 0.00	25.11 -1.35 0.00	24.97 -1.51 0.00	25.05 -1.51 0.00	25.44 -1.62 0.00	32.00 -2.90 0.00	34.01 -3.40 0.00	29.60 -2.30 0.00	28.09 -2.15 0.00	26.75 -1.74 0.00	25.30 -1.61 0.00	24.77 -1.53 0.00	24.51 -1.37 0.00
OLIN_CORP_DRP 24177	29.42 -2.87 0.00	28.10 -2.51 0.00	25.63 -2.23 0.00	25.24 -2.25 0.00	25.10 -1.92 0.00	26.04 -2.02 0.00	28.77 -2.85 0.00	30.96 -3.36 0.00	30.16 -3.31 0.00	29.48 -3.13 0.00	25.12 -1.89 0.00	25.24 -1.64 0.00	24.72 -1.75 0.00	24.75 -1.72 0.00	24.71 -1.86 0.00	25.19 -1.87 0.00	31.62 -3.28 0.00	33.67 -3.74 0.00	29.31 -2.58 0.00	27.85 -2.39 0.00	26.53 -1.97 0.00	25.05 -1.86 0.00	24.64 -1.66 0.00	24.33 -1.55 0.00
OLIN_CORP_DSASP 323712	29.61 -2.68 0.00	27.91 -2.69 0.00	25.49 -2.37 0.00	25.13 -2.36 0.00	24.94 -2.08 0.00	26.03 -2.02 0.00	28.67 -2.94 0.00	30.69 -3.64 0.00	29.89 -3.58 0.00	29.45 -3.16 0.00	25.23 -1.78 0.00	25.08 -1.80 0.00	24.74 -1.72 0.00	24.59 -1.88 0.00	24.68 -1.89 0.00	25.03 -2.03 0.00	31.44 -3.46 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.32 -2.17 0.00	24.89 -2.02 0.00	24.41 -1.89 0.00	24.15 -1.73 0.00
ONEIDA_HERK_LFGE 323681	32.84 0.55 0.00	31.10 0.49 0.00	28.30 0.44 0.00	27.91 0.41 0.00	27.45 0.43 0.00	28.56 0.51 0.00	32.28 0.66 0.00	35.12 0.79 0.00	34.31 0.84 0.00	33.36 0.75 0.00	27.66 0.65 0.00	27.42 0.54 0.00	26.96 0.50 0.00	27.03 0.56 0.00	27.10 0.53 0.00	27.68 0.62 0.00	35.66 0.77 0.00	38.08 0.67 0.00	32.44 0.54 0.00	30.87 0.64 0.00	29.06 0.57 0.00	27.34 0.43 0.00	26.67 0.37 0.00	26.22 0.34 0.00
ONEIDA___115KV_TB4 55905	32.97 0.68 0.00	31.25 0.64 0.00	28.44 0.59 0.00	28.07 0.58 0.00	27.61 0.59 0.00	28.76 0.70 0.00	32.47 0.85 0.00	35.32 1.00 0.00	34.48 1.00 0.00	33.52 0.91 0.00	27.80 0.78 0.00	27.58 0.70 0.00	27.10 0.64 0.00	27.16 0.69 0.00	27.26 0.69 0.00	27.85 0.78 0.00	35.87 0.98 0.00	38.35 0.94 0.00	32.66 0.77 0.00	30.99 0.76 0.00	29.20 0.71 0.00	27.50 0.59 0.00	26.83 0.53 0.00	26.40 0.52 0.00
ONONDAGA_REF_OCCRA 23987	31.71 -0.58 0.00	30.12 -0.49 0.00	27.44 -0.42 0.00	27.08 -0.41 0.00	26.67 -0.35 0.00	27.69 -0.36 0.00	31.17 -0.44 0.00	33.88 -0.45 0.00	33.07 -0.40 0.00	32.25 -0.36 0.00	26.82 -0.19 0.00	26.70 -0.19 0.00	26.22 -0.24 0.00	26.21 -0.26 0.00	26.30 -0.27 0.00	26.79 -0.27 0.00	34.41 -0.49 0.00	36.85 -0.56 0.00	31.51 -0.38 0.00	29.90 -0.30 0.00	28.23 -0.26 0.00	26.64 -0.27 0.00	26.04 -0.26 0.00	25.68 -0.21 0.00
ONONDAGA___COGEN 23986	31.71 -0.58 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.03 -0.47 0.00	26.61 -0.41 0.00	27.63 -0.42 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.00 -0.47 0.00	32.18 -0.42 0.00	26.77 -0.24 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.25 -0.32 0.00	26.76 -0.30 0.00	34.37 -0.52 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	25.98 -0.32 0.00	25.65 -0.23 0.00
ONTARIO___LFGE 23819	32.13 -0.16 0.00	30.33 -0.28 0.00	27.63 -0.22 0.00	27.27 -0.22 0.00	26.94 -0.08 0.00	28.03 -0.03 0.00	31.49 -0.13 0.00	34.12 -0.20 0.00	33.27 -0.20 0.00	32.48 -0.13 0.00	27.25 0.24 0.00	27.05 0.16 0.00	26.60 0.13 0.00	26.53 0.05 0.00	26.62 0.05 0.00	27.14 0.08 0.00	34.69 -0.21 0.00	36.96 -0.45 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.66 0.17 0.00	27.02 0.11 0.00	26.33 0.03 0.00	25.96 0.08 0.00
ORANGEVILLE_WT_PWR 323706	31.13 -1.16 0.00	29.35 -1.26 0.00	26.77 -1.09 0.00	26.42 -1.07 0.00	26.18 -0.84 0.00	27.30 -0.76 0.00	30.32 -1.30 0.00	32.68 -1.65 0.00	31.83 -1.64 0.00	31.21 -1.40 0.00	26.55 -0.46 0.00	26.35 -0.54 0.00	25.93 -0.53 0.00	25.76 -0.71 0.00	25.90 -0.66 0.00	26.33 -0.73 0.00	33.26 -1.64 0.00	35.39 -2.02 0.00	30.68 -1.21 0.00	29.12 -1.12 0.00	27.69 -0.80 0.00	26.16 -0.75 0.00	25.56 -0.74 0.00	25.24 -0.65 0.00
ORANGEVILLE___ESR 323794	31.13 -1.16 0.00	29.35 -1.26 0.00	26.77 -1.09 0.00	26.42 -1.07 0.00	26.18 -0.84 0.00	27.30 -0.76 0.00	30.32 -1.30 0.00	32.68 -1.65 0.00	31.83 -1.64 0.00	31.21 -1.40 0.00	26.55 -0.46 0.00	26.35 -0.54 0.00	25.93 -0.53 0.00	25.76 -0.71 0.00	25.90 -0.66 0.00	26.33 -0.73 0.00	33.26 -1.64 0.00	35.39 -2.02 0.00	30.68 -1.21 0.00	29.12 -1.12 0.00	27.69 -0.80 0.00	26.16 -0.75 0.00	25.56 -0.74 0.00	25.24 -0.65 0.00
OSWEGATCHIE___HYD 24044	31.84 -0.45 0.00	30.15 -0.46 0.00	27.44 -0.42 0.00	27.05 -0.44 0.00	26.62 -0.40 0.00	27.66 -0.39 0.00	31.27 -0.35 0.00	34.02 -0.31 0.00	33.17 -0.30 0.00	32.28 -0.33 0.00	26.72 -0.30 0.00	26.51 -0.38 0.00	26.07 -0.40 0.00	26.16 -0.32 0.00	26.20 -0.37 0.00	26.79 -0.27 0.00	34.55 -0.35 0.00	36.92 -0.49 0.00	31.45 -0.45 0.00	29.91 -0.33 0.00	28.15 -0.34 0.00	26.48 -0.43 0.00	25.80 -0.50 0.00	25.34 -0.54 0.00
OSWEGO___5 23606	31.23 -1.06 0.00	29.60 -1.01 0.00	26.94 -0.92 0.00	26.59 -0.91 0.00	26.18 -0.84 0.00	27.19 -0.87 0.00	30.60 -1.01 0.00	33.19 -1.13 0.00	32.37 -1.10 0.00	31.56 -1.04 0.00	26.28 -0.73 0.00	26.13 -0.75 0.00	25.72 -0.74 0.00	25.70 -0.77 0.00	25.80 -0.77 0.00	26.28 -0.79 0.00	33.78 -1.12 0.00	36.18 -1.23 0.00	30.94 -0.96 0.00	29.33 -0.91 0.00	27.66 -0.83 0.00	26.16 -0.75 0.00	25.59 -0.71 0.00	25.29 -0.59 0.00
OSWEGO___6 23613	31.23 -1.06 0.00	29.60 -1.01 0.00	26.94 -0.92 0.00	26.59 -0.91 0.00	26.18 -0.84 0.00	27.19 -0.87 0.00	30.60 -1.01 0.00	33.19 -1.13 0.00	32.37 -1.10 0.00	31.56 -1.04 0.00	26.28 -0.73 0.00	26.13 -0.75 0.00	25.72 -0.74 0.00	25.70 -0.77 0.00	25.80 -0.77 0.00	26.28 -0.79 0.00	33.78 -1.12 0.00	36.18 -1.23 0.00	30.94 -0.96 0.00	29.33 -0.91 0.00	27.66 -0.83 0.00	26.16 -0.75 0.00	25.59 -0.71 0.00	25.29 -0.59 0.00
OUTOKUMPU-AB___DRP 24206	30.16 -2.13 0.00	28.80 -1.81 0.00	26.24 -1.62 0.00	25.85 -1.65 0.00	25.70 -1.32 0.00	26.65 -1.40 0.00	29.50 -2.12 0.00	31.79 -2.54 0.00	30.99 -2.48 0.00	30.26 -2.35 0.00	25.82 -1.19 0.00	25.92 -0.97 0.00	25.38 -1.08 0.00	25.39 -1.09 0.00	25.32 -1.25 0.00	25.84 -1.22 0.00	32.49 -2.41 0.00	34.60 -2.81 0.00	30.11 -1.79 0.00	28.54 -1.69 0.00	27.21 -1.28 0.00	25.67 -1.24 0.00	25.25 -1.05 0.00	24.87 -1.01 0.00
OXBOW___BTM 323836	29.77 -2.52 0.00	28.44 -2.17 0.00	25.91 -1.95 0.00	25.54 -1.95 0.00	25.37 -1.65 0.00	26.32 -1.74 0.00	29.08 -2.53 0.00	31.34 -2.99 0.00	30.53 -2.95 0.00	29.84 -2.77 0.00	25.45 -1.57 0.00	25.57 -1.32 0.00	25.03 -1.43 0.00	25.04 -1.43 0.00	25.00 -1.57 0.00	25.49 -1.57 0.00	32.03 -2.86 0.00	34.08 -3.33 0.00	29.66 -2.23 0.00	28.15 -2.09 0.00	26.84 -1.65 0.00	25.32 -1.59 0.00	24.93 -1.37 0.00	24.59 -1.29 0.00

OXBOW____ 24026	30.13 -2.16 0.00	28.40 -2.20 0.00	25.94 -1.92 0.00	25.57 -1.93 0.00	25.37 -1.65 0.00	26.48 -1.57 0.00	29.21 -2.40 0.00	31.31 -3.02 0.00	30.49 -2.98 0.00	30.03 -2.58 0.00	25.74 -1.27 0.00	25.57 -1.32 0.00	25.22 -1.24 0.00	25.04 -1.43 0.00	25.13 -1.44 0.00	25.49 -1.57 0.00	32.10 -2.79 0.00	34.08 -3.33 0.00	29.66 -2.23 0.00	28.15 -2.09 0.00	26.84 -1.65 0.00	25.35 -1.56 0.00	24.83 -1.47 0.00	24.56 -1.32 0.00
OXY_CHEM_DSASP 323612	29.22 -3.07 0.00	27.95 -2.66 0.00	25.46 -2.40 0.00	25.10 -2.39 0.00	24.94 -2.08 0.00	25.87 -2.19 0.00	28.58 -3.03 0.00	30.72 -3.60 0.00	29.92 -3.55 0.00	29.25 -3.36 0.00	24.96 -2.05 0.00	25.08 -1.80 0.00	24.56 -1.91 0.00	24.59 -1.88 0.00	24.52 -2.05 0.00	25.03 -2.03 0.00	31.37 -3.52 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.33 -2.17 0.00	24.86 -2.05 0.00	24.49 -1.81 0.00	24.17 -1.71 0.00
OZONE_PARK_ESR 323760	34.33 2.03 0.00	32.38 1.78 0.00	29.47 1.62 0.00	29.06 1.57 0.00	28.53 1.51 0.00	29.65 1.60 0.00	33.45 1.83 0.00	36.35 2.03 0.00	35.51 2.04 0.00	34.63 2.02 0.00	28.50 1.49 0.00	28.36 1.48 0.00	27.97 1.51 0.00	27.93 1.46 0.00	28.11 1.54 0.00	28.50 1.43 0.00	36.99 2.09 0.00	39.69 2.28 0.00	33.94 2.04 0.00	32.17 1.94 0.00	30.09 1.60 0.00	28.52 1.61 0.00	27.83 1.53 0.00	27.20 1.32 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.22 -3.07 0.00	27.95 -2.66 0.00	25.46 -2.40 0.00	25.10 -2.39 0.00	24.94 -2.08 0.00	25.87 -2.19 0.00	28.58 -3.03 0.00	30.72 -3.60 0.00	29.92 -3.55 0.00	29.25 -3.36 0.00	24.96 -2.05 0.00	25.08 -1.80 0.00	24.56 -1.91 0.00	24.59 -1.88 0.00	24.52 -2.05 0.00	25.03 -2.03 0.00	31.37 -3.52 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.33 -2.17 0.00	24.86 -2.05 0.00	24.49 -1.81 0.00	24.17 -1.71 0.00
PACKARD__115KV_DUPONT_184 80571	29.22 -3.07 0.00	27.95 -2.66 0.00	25.46 -2.40 0.00	25.10 -2.39 0.00	24.94 -2.08 0.00	25.87 -2.19 0.00	28.58 -3.03 0.00	30.72 -3.60 0.00	29.92 -3.55 0.00	29.25 -3.36 0.00	24.96 -2.05 0.00	25.08 -1.80 0.00	24.56 -1.91 0.00	24.59 -1.88 0.00	24.52 -2.05 0.00	25.03 -2.03 0.00	31.37 -3.52 0.00	33.41 -4.00 0.00	29.09 -2.81 0.00	27.64 -2.60 0.00	26.33 -2.17 0.00	24.86 -2.05 0.00	24.49 -1.81 0.00	24.17 -1.71 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.91 1.61 0.00	31.96 1.35 0.00	29.14 1.28 0.00	28.73 1.24 0.00	28.18 1.16 0.00	29.29 1.23 0.00	32.97 1.36 0.00	35.84 1.51 0.00	35.04 1.57 0.00	34.14 1.53 0.00	28.12 1.11 0.00	27.99 1.10 0.00	27.63 1.16 0.00	27.59 1.11 0.00	27.74 1.17 0.00	28.12 1.06 0.00	36.50 1.61 0.00	39.17 1.76 0.00	33.46 1.56 0.00	31.72 1.48 0.00	29.66 1.17 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.89 1.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.36 2.07 0.00	32.35 1.74 0.00	29.50 1.64 0.00	29.09 1.59 0.00	28.51 1.49 0.00	29.63 1.57 0.00	33.35 1.74 0.00	36.25 1.92 0.00	35.41 1.94 0.00	34.53 1.92 0.00	28.44 1.43 0.00	28.34 1.45 0.00	28.00 1.53 0.00	27.96 1.48 0.00	28.13 1.57 0.00	28.50 1.43 0.00	36.99 2.09 0.00	39.69 2.28 0.00	33.90 2.01 0.00	32.14 1.90 0.00	30.03 1.54 0.00	28.50 1.59 0.00	27.85 1.55 0.00	27.28 1.40 0.00
PATROON__115KV_TB1 80586	33.03 0.74 0.00	31.47 0.86 0.00	28.72 0.86 0.00	28.37 0.88 0.00	27.80 0.78 0.00	28.84 0.79 0.00	32.50 0.89 0.00	35.22 0.89 0.00	34.14 0.67 0.00	33.26 0.65 0.00	27.39 0.38 0.00	27.26 0.38 0.00	26.89 0.42 0.00	26.87 0.40 0.00	26.99 0.43 0.00	27.47 0.41 0.00	35.56 0.66 0.00	38.20 0.79 0.00	32.40 0.51 0.00	30.69 0.45 0.00	28.95 0.46 0.00	27.37 0.46 0.00	26.72 0.42 0.00	26.22 0.34 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.06 -1.23 0.00	29.60 -1.01 0.00	26.97 -0.89 0.00	26.59 -0.91 0.00	26.45 -0.57 0.00	27.41 -0.65 0.00	30.44 -1.17 0.00	33.06 -1.27 0.00	32.17 -1.31 0.00	31.37 -1.24 0.00	26.71 -0.30 0.00	26.78 -0.11 0.00	26.22 -0.24 0.00	26.18 -0.29 0.00	26.17 -0.40 0.00	26.71 -0.35 0.00	33.67 -1.22 0.00	35.88 -1.53 0.00	31.19 -0.70 0.00	29.57 -0.67 0.00	28.12 -0.37 0.00	26.59 -0.32 0.00	26.09 -0.21 0.00	25.60 -0.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.33 2.03 0.00	32.41 1.81 0.00	29.45 1.59 0.00	29.09 1.59 0.00	28.45 1.43 0.00	29.57 1.51 0.00	33.38 1.77 0.00	36.32 1.99 0.00	35.51 2.04 0.00	34.56 1.96 0.00	28.42 1.40 0.00	28.20 1.32 0.00	27.81 1.35 0.00	27.77 1.30 0.00	27.92 1.35 0.00	28.47 1.41 0.00	36.95 2.06 0.00	39.73 2.32 0.00	33.84 1.95 0.00	32.08 1.84 0.00	30.09 1.60 0.00	28.50 1.59 0.00	27.72 1.42 0.00	27.15 1.27 0.00
PEEKSKILL____ 23653	33.78 1.49 0.00	31.99 1.38 0.00	29.08 1.22 0.00	28.73 1.24 0.00	28.15 1.13 0.00	29.23 1.18 0.00	33.00 1.39 0.00	35.91 1.58 0.00	35.04 1.57 0.00	34.11 1.50 0.00	28.01 1.00 0.00	27.93 1.05 0.00	27.52 1.06 0.00	27.50 1.03 0.00	27.66 1.09 0.00	28.12 1.05 0.00	36.43 1.53 0.00	39.13 1.72 0.00	33.39 1.50 0.00	31.66 1.42 0.00	29.69 1.20 0.00	28.04 1.13 0.00	27.32 1.02 0.00	26.76 0.88 0.00
PGE MADISON__WINDPWR 24146	35.13 2.84 0.00	33.15 2.54 0.00	30.11 2.26 0.00	29.72 2.23 0.00	29.32 2.30 0.00	30.52 2.47 0.00	34.58 2.97 0.00	37.69 3.37 0.00	36.82 3.35 0.00	35.84 3.23 0.00	29.90 2.89 0.00	29.52 2.64 0.00	28.84 2.38 0.00	28.86 2.38 0.00	29.74 2.31 0.00	38.53 2.68 0.00	41.00 3.63 0.00	35.02 3.39 0.00	33.20 3.13 0.00	31.29 2.96 0.00	29.22 2.79 0.00	28.38 2.31 0.00	27.85 2.08 0.00	
PIERCEFIELD__HYD 23852	32.10 -0.19 0.00	30.36 -0.24 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	26.78 -0.24 0.00	27.83 -0.22 0.00	31.39 -0.22 0.00	34.15 -0.17 0.00	33.30 -0.17 0.00	32.41 -0.20 0.00	26.82 -0.19 0.00	26.67 -0.22 0.00	26.22 -0.24 0.00	26.29 -0.19 0.00	26.33 -0.24 0.00	26.87 -0.19 0.00	34.76 -0.14 0.00	37.15 -0.26 0.00	31.67 -0.22 0.00	30.03 -0.21 0.00	28.23 -0.26 0.00	26.59 -0.32 0.00	25.93 -0.37 0.00	25.47 -0.41 0.00
PINELAWN_CC_1 323563	47.46 2.71 -12.46	46.00 2.51 -12.88	41.58 2.26 -11.47	37.90 2.20 -8.20	39.41 2.11 -10.28	41.81 2.25 -11.51	42.40 2.59 -8.19	47.47 2.85 -10.29	49.12 2.81 -12.84	41.79 2.64 -6.54	34.51 1.95 -5.55	33.47 1.99 -4.59	32.87 1.99 -4.42	32.95 1.96 -4.52	33.81 2.02 -5.22	34.54 2.03 -5.45	41.67 2.86 -3.91	53.25 3.14 -12.69	47.05 2.74 -12.42	42.58 2.54 -9.80	39.38 2.25 -8.64	38.67 2.13 -9.64	34.99 2.00 -6.69	33.51 1.81 -5.82
PJM_GEN_HTP_PROXY 323702	33.97 1.68 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.24 1.77 0.00	33.12 1.73 0.00	29.39 1.16 -1.21	28.15 1.26 0.00	27.71 1.24 0.00	27.69 1.22 0.00	27.84 1.28 0.00	28.25 1.19 0.00	36.67 1.78 0.00	39.35 1.94 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.15 1.24 0.00	27.48 1.18 0.00	26.87 0.98 0.00

PJM_GEN_KEYSTONE 24065	31.49 -0.03 0.77	28.60 -0.09 1.92	27.80 -0.06 0.00	27.44 -0.05 0.00	27.05 0.03 0.00	28.14 0.08 0.00	31.55 -0.06 0.00	34.16 -0.17 0.00	33.30 -0.17 0.00	30.65 -0.13 1.83	28.31 0.08 -1.21	26.99 0.11 0.00	26.57 0.11 0.00	26.50 0.03 0.00	26.62 0.05 0.00	27.06 0.00 0.00	32.60 -0.21 2.09	37.15 -0.26 0.00	31.89 0.00 0.00	30.24 0.00 0.00	28.55 0.06 0.00	26.96 0.05 0.00	26.30 0.00 0.00	25.86 -0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.82 2.07 -12.45	45.38 1.90 -12.88	41.06 1.73 -11.47	37.40 1.71 -8.20	38.89 1.59 -10.28	41.24 1.68 -11.50	41.76 1.96 -8.19	46.78 2.16 -10.29	48.45 2.14 -12.84	39.99 2.06 -5.33	35.24 1.46 -6.77	33.01 1.53 -4.59	32.42 1.53 -4.42	32.50 1.51 -4.52	33.36 1.57 -5.22	34.03 1.51 -5.45	40.97 2.16 -3.91	52.46 2.36 -12.69	46.35 2.04 -12.41	41.97 1.94 -9.80	38.81 1.68 -8.64	38.14 1.59 -9.64	34.49 1.50 -6.69	33.02 1.32 -5.82
PJM_GEN_VFT_PROXY 323633	33.81 1.52 0.00	31.99 1.38 0.00	29.11 1.25 0.00	28.73 1.24 0.00	28.15 1.13 0.00	29.29 1.23 0.00	33.07 1.45 0.00	35.97 1.65 0.00	35.11 1.64 0.00	32.99 1.60 1.21	29.25 1.03 -1.21	28.01 1.13 0.00	27.60 1.14 0.00	27.59 1.11 0.00	27.74 1.17 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.17 1.76 0.00	33.46 1.56 0.00	31.75 1.51 0.00	29.69 1.20 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.74 0.85 0.00
PLATSBRG_115KV_PMLD1 355749	33.58 1.29 0.00	31.80 1.19 0.00	28.92 1.06 0.00	28.51 1.02 0.00	28.02 1.00 0.00	29.15 1.09 0.00	32.81 1.20 0.00	35.73 1.41 0.00	34.81 1.34 0.00	33.91 1.30 0.00	28.09 1.08 0.00	27.93 1.05 0.00	27.47 1.01 0.00	27.56 1.09 0.00	27.58 1.01 0.00	28.14 1.08 0.00	36.33 1.43 0.00	38.91 1.50 0.00	33.20 1.31 0.00	31.42 1.18 0.00	29.60 1.11 0.00	27.85 0.94 0.00	27.19 0.89 0.00	26.74 0.85 0.00
PLEASANTVLY___LBMP 24000	33.71 1.42 0.00	31.86 1.25 0.00	29.00 1.14 0.00	28.62 1.13 0.00	28.05 1.03 0.00	29.15 1.09 0.00	32.88 1.26 0.00	35.70 1.37 0.00	34.84 1.37 0.00	33.95 1.34 0.00	27.96 0.95 0.00	27.80 0.91 0.00	27.41 0.95 0.00	27.40 0.93 0.00	27.55 0.98 0.00	28.01 0.95 0.00	36.29 1.40 0.00	38.98 1.57 0.00	33.20 1.31 0.00	31.48 1.24 0.00	29.55 1.05 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.76 0.88 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.97 1.68 0.00	32.08 1.47 0.00	29.19 1.34 0.00	28.79 1.29 0.00	28.24 1.22 0.00	29.35 1.29 0.00	33.10 1.49 0.00	36.01 1.68 0.00	35.14 1.67 0.00	34.24 1.63 0.00	28.17 1.16 0.00	28.04 1.16 0.00	27.65 1.19 0.00	27.61 1.14 0.00	27.79 1.22 0.00	28.22 1.16 0.00	36.57 1.68 0.00	39.32 1.91 0.00	33.52 1.63 0.00	31.78 1.54 0.00	29.80 1.31 0.00	28.20 1.29 0.00	27.51 1.21 0.00	26.94 1.06 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.97 1.68 0.00	32.08 1.47 0.00	29.19 1.34 0.00	28.79 1.29 0.00	28.24 1.22 0.00	29.35 1.29 0.00	33.10 1.49 0.00	36.01 1.68 0.00	35.14 1.67 0.00	34.24 1.63 0.00	28.17 1.16 0.00	28.04 1.16 0.00	27.65 1.19 0.00	27.61 1.14 0.00	27.79 1.22 0.00	28.22 1.16 0.00	36.57 1.68 0.00	39.32 1.91 0.00	33.52 1.63 0.00	31.78 1.54 0.00	29.80 1.31 0.00	28.20 1.29 0.00	27.51 1.21 0.00	26.94 1.06 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.04 1.74 0.00	32.17 1.56 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.29 1.27 0.00	29.40 1.35 0.00	33.19 1.58 0.00	36.04 1.72 0.00	35.18 1.71 0.00	34.24 1.63 0.00	28.15 1.13 0.00	27.99 1.10 0.00	27.57 1.11 0.00	27.56 1.09 0.00	27.74 1.17 0.00	28.22 1.16 0.00	36.64 1.74 0.00	39.36 1.95 0.00	33.52 1.63 0.00	31.75 1.51 0.00	29.80 1.31 0.00	28.23 1.32 0.00	27.54 1.24 0.00	26.97 1.09 0.00
POLETTI_____ 23519	34.07 1.78 0.00	32.11 1.50 0.00	29.25 1.39 0.00	28.84 1.35 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.16 1.55 0.00	36.08 1.75 0.00	35.21 1.74 0.00	34.30 1.70 0.00	28.20 1.19 0.00	28.07 1.18 0.00	27.71 1.24 0.00	27.66 1.19 0.00	27.82 1.25 0.00	28.22 1.16 0.00	36.61 1.71 0.00	39.28 1.87 0.00	33.58 1.69 0.00	31.84 1.60 0.00	29.77 1.28 0.00	28.23 1.32 0.00	27.54 1.24 0.00	26.94 1.06 0.00
POMONA___ESR 323819	33.75 1.45 0.00	31.92 1.32 0.00	29.05 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.21 1.15 0.00	33.00 1.39 0.00	35.87 1.55 0.00	35.01 1.54 0.00	34.04 1.43 0.00	27.98 0.97 0.00	27.91 1.02 0.00	27.47 1.01 0.00	27.48 1.01 0.00	27.63 1.06 0.00	28.09 1.03 0.00	36.40 1.50 0.00	39.09 1.68 0.00	33.33 1.44 0.00	31.60 1.36 0.00	29.66 1.17 0.00	28.01 1.10 0.00	27.30 1.00 0.00	26.74 0.85 0.00
PORT_JEFF_3 23555	47.82 3.07 -12.46	46.37 2.88 -12.88	41.89 2.56 -11.47	38.22 2.53 -8.20	39.73 2.43 -10.28	42.14 2.58 -11.51	42.74 2.94 -8.19	47.88 3.26 -10.29	49.49 3.18 -12.84	42.12 2.97 -6.54	34.80 2.24 -5.55	33.74 2.26 -4.59	33.13 2.25 -4.42	33.21 2.22 -4.52	34.07 2.29 -5.22	34.81 2.30 -5.45	42.05 3.25 -3.91	53.62 3.52 -12.69	47.44 3.13 -12.42	42.94 2.90 -9.80	39.69 2.57 -8.64	39.00 2.45 -9.64	35.25 2.26 -6.69	33.77 2.07 -5.82
PORT_JEFF_4 23616	47.82 3.07 -12.46	46.37 2.88 -12.88	41.89 2.56 -11.47	38.22 2.53 -8.20	39.73 2.43 -10.28	42.14 2.58 -11.51	42.74 2.94 -8.19	47.88 3.26 -10.29	49.49 3.18 -12.84	42.12 2.97 -6.54	34.80 2.24 -5.55	33.74 2.26 -4.59	33.13 2.25 -4.42	33.21 2.22 -4.52	34.07 2.29 -5.22	34.81 2.30 -5.45	42.05 3.25 -3.91	53.62 3.52 -12.69	47.44 3.13 -12.42	42.94 2.90 -9.80	39.69 2.57 -8.64	39.00 2.45 -9.64	35.25 2.26 -6.69	33.77 2.07 -5.82
PORT_JEFF_IC 23713	47.82 3.07 -12.46	46.37 2.88 -12.88	41.89 2.56 -11.47	38.22 2.53 -8.20	39.73 2.43 -10.28	42.14 2.58 -11.51	42.74 2.94 -8.19	47.88 3.26 -10.29	49.49 3.18 -12.84	42.15 3.00 -6.54	34.80 2.24 -5.55	33.76 2.28 -4.59	33.13 2.25 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.84 2.33 -5.45	42.09 3.28 -3.91	53.58 3.48 -12.69	47.47 3.16 -12.42	42.97 2.93 -9.80	39.72 2.59 -8.64	39.00 2.45 -9.64	35.27 2.29 -6.69	33.80 2.10 -5.82
PPL PILGRIM_ST_GT1 24216	47.79 3.03 -12.46	46.34 2.85 -12.88	41.86 2.53 -11.47	38.20 2.50 -8.20	39.70 2.40 -10.28	42.09 2.53 -11.51	42.68 2.88 -8.19	47.81 3.19 -10.29	49.42 3.11 -12.84	42.09 2.94 -6.54	34.72 2.16 -5.55	33.71 2.23 -4.59	33.11 2.22 -4.42	33.19 2.20 -4.52	34.05 2.26 -5.22	34.76 2.24 -5.45	41.95 3.14 -3.91	53.54 3.44 -12.69	47.31 3.00 -12.42	42.82 2.78 -9.80	39.58 2.45 -8.64	38.86 2.31 -9.64	35.17 2.18 -6.69	33.72 2.02 -5.82
PPL PILGRIM_ST_GT2 24217	47.79 3.03 -12.46	46.34 2.85 -12.88	41.86 2.53 -11.47	38.20 2.50 -8.20	39.70 2.40 -10.28	42.09 2.53 -11.51	42.68 2.88 -8.19	47.81 3.19 -10.29	49.42 3.11 -12.84	42.09 2.94 -6.54	34.72 2.16 -5.55	33.71 2.23 -4.59	33.11 2.22 -4.42	33.19 2.20 -4.52	34.05 2.26 -5.22	34.76 2.24 -5.45	41.95 3.14 -3.91	53.54 3.44 -12.69	47.31 3.00 -12.42	42.82 2.78 -9.80	39.58 2.45 -8.64	38.86 2.31 -9.64	35.17 2.18 -6.69	33.72 2.02 -5.82

PPL_SHRM_GT3 24213	47.95 3.20 -12.46	46.52 3.03 -12.88	42.03 2.70 -11.47	38.34 2.64 -8.20	39.84 2.54 -10.28	42.28 2.72 -11.51	42.90 3.10 -8.19	48.02 3.40 -10.29	49.66 3.35 -12.84	42.25 3.10 -6.54	34.91 2.35 -5.55	33.85 2.37 -4.59	33.21 2.33 -4.42	33.32 2.33 -4.52	34.18 2.39 -5.22	34.95 2.44 -5.45	42.23 3.42 -3.91	53.92 3.82 -12.69	47.63 3.32 -12.42	43.12 3.09 -9.80	39.86 2.74 -8.64	39.16 2.61 -9.64	35.41 2.42 -6.69	33.93 2.23 -5.82
PPL_SHRM_GT4 24214	47.95 3.20 -12.46	46.52 3.03 -12.88	42.03 2.70 -11.47	38.34 2.64 -8.20	39.84 2.54 -10.28	42.28 2.72 -11.51	42.90 3.10 -8.19	48.02 3.40 -10.29	49.66 3.35 -12.84	42.25 3.10 -6.54	34.91 2.35 -5.55	33.85 2.37 -4.59	33.21 2.33 -4.42	33.32 2.33 -4.52	34.18 2.39 -5.22	34.95 2.44 -5.45	42.23 3.42 -3.91	53.92 3.82 -12.69	47.63 3.32 -12.42	43.12 3.09 -9.80	39.86 2.74 -8.64	39.16 2.61 -9.64	35.41 2.42 -6.69	33.93 2.23 -5.82
PROJECT___ORANGE 1 24174	31.52 -0.78 0.00	29.93 -0.67 0.00	27.30 -0.56 0.00	26.92 -0.58 0.00	26.51 -0.51 0.00	27.52 -0.53 0.00	31.01 -0.60 0.00	33.67 -0.65 0.00	32.87 -0.60 0.00	32.05 -0.55 0.00	26.66 -0.35 0.00	26.54 -0.35 0.00	26.07 -0.40 0.00	26.08 -0.40 0.00	26.14 -0.43 0.00	26.63 -0.43 0.00	34.16 -0.73 0.00	36.59 -0.82 0.00	31.29 -0.61 0.00	29.72 -0.51 0.00	28.06 -0.43 0.00	26.48 -0.43 0.00	25.88 -0.42 0.00	25.55 -0.34 0.00
PROJECT___ORANGE 2 24166	31.52 -0.78 0.00	29.93 -0.67 0.00	27.30 -0.56 0.00	26.92 -0.58 0.00	26.51 -0.51 0.00	27.52 -0.53 0.00	31.01 -0.60 0.00	33.67 -0.65 0.00	32.87 -0.60 0.00	32.05 -0.55 0.00	26.66 -0.35 0.00	26.54 -0.35 0.00	26.07 -0.40 0.00	26.08 -0.40 0.00	26.14 -0.43 0.00	26.63 -0.43 0.00	34.16 -0.73 0.00	36.59 -0.82 0.00	31.29 -0.61 0.00	29.72 -0.51 0.00	28.06 -0.43 0.00	26.48 -0.43 0.00	25.88 -0.42 0.00	25.55 -0.34 0.00
PUCKETT___SOLAR 323809	33.07 0.77 0.00	31.28 0.67 0.00	28.47 0.61 0.00	28.07 0.58 0.00	27.70 0.68 0.00	28.81 0.76 0.00	32.47 0.85 0.00	35.25 0.93 0.00	34.37 0.90 0.00	33.52 0.91 0.00	27.93 0.92 0.00	27.74 0.86 0.00	27.23 0.77 0.00	27.19 0.72 0.00	27.29 0.72 0.00	27.87 0.81 0.00	35.87 0.98 0.00	38.35 0.94 0.00	32.82 0.93 0.00	31.11 0.88 0.00	29.38 0.88 0.00	27.66 0.75 0.00	26.96 0.66 0.00	26.50 0.62 0.00
PYRITES___HYD 24023	32.78 0.48 0.00	31.04 0.43 0.00	28.19 0.33 0.00	27.80 0.30 0.00	27.32 0.30 0.00	28.39 0.34 0.00	32.06 0.44 0.00	34.91 0.58 0.00	34.07 0.60 0.00	33.13 0.52 0.00	27.44 0.43 0.00	27.26 0.38 0.00	26.78 0.32 0.00	26.87 0.40 0.00	26.89 0.32 0.00	27.49 0.43 0.00	35.56 0.66 0.00	38.01 0.60 0.00	32.37 0.48 0.00	30.69 0.45 0.00	28.86 0.37 0.00	27.15 0.24 0.00	26.46 0.16 0.00	25.96 0.08 0.00
QUAKERRD_115KV_BK1 80622	30.32 -1.97 0.00	28.80 -1.81 0.00	26.24 -1.62 0.00	25.87 -1.62 0.00	25.59 -1.43 0.00	26.57 -1.49 0.00	29.78 -1.83 0.00	32.27 -2.06 0.00	31.50 -1.97 0.00	30.72 -1.89 0.00	25.77 -1.24 0.00	25.70 -1.18 0.00	25.19 -1.27 0.00	25.20 -1.27 0.00	25.24 -1.33 0.00	25.79 -1.27 0.00	32.91 -1.99 0.00	35.17 -2.24 0.00	30.27 -1.63 0.00	28.73 -1.51 0.00	27.18 -1.31 0.00	25.62 -1.29 0.00	25.06 -1.24 0.00	24.72 -1.16 0.00
QUENSBRY_115KV_TB8 356137	33.68 1.39 0.00	31.86 1.25 0.00	28.97 1.11 0.00	28.59 1.10 0.00	28.02 1.00 0.00	29.18 1.12 0.00	33.00 1.39 0.00	35.91 1.58 0.00	35.11 1.64 0.00	34.17 1.57 0.00	28.15 1.13 0.00	27.99 1.10 0.00	27.60 1.14 0.00	27.51 1.03 0.00	27.68 1.12 0.00	28.20 1.14 0.00	36.64 1.74 0.00	39.28 1.87 0.00	33.23 1.34 0.00	31.51 1.27 0.00	29.69 1.20 0.00	27.96 1.05 0.00	27.96 1.66 0.00	27.36 1.48 0.00
RAMAPO___LBMP 323565	33.65 1.36 0.00	31.80 1.19 0.00	28.92 1.06 0.00	28.54 1.04 0.00	28.02 1.00 0.00	29.12 1.07 0.00	32.85 1.23 0.00	35.70 1.37 0.00	34.84 1.37 0.00	33.91 1.30 0.00	27.93 0.92 0.00	27.80 0.91 0.00	27.39 0.93 0.00	27.37 0.90 0.00	27.52 0.96 0.00	27.98 0.92 0.00	36.26 1.36 0.00	38.94 1.53 0.00	33.20 1.31 0.00	31.48 1.24 0.00	29.55 1.05 0.00	27.99 1.08 0.00	27.30 1.00 0.00	26.74 0.85 0.00
RANKINE____ 23646	30.68 -1.61 0.00	29.26 -1.35 0.00	26.66 -1.20 0.00	26.26 -1.24 0.00	26.13 -0.89 0.00	27.07 -0.98 0.00	30.03 -1.58 0.00	32.44 -1.89 0.00	31.60 -1.87 0.00	30.85 -1.76 0.00	26.28 -0.73 0.00	26.35 -0.54 0.00	25.80 -0.66 0.00	25.79 -0.69 0.00	25.77 -0.80 0.00	26.28 -0.78 0.00	33.12 -1.78 0.00	35.24 -2.17 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.67 -0.83 0.00	26.13 -0.78 0.00	25.70 -0.60 0.00	25.26 -0.62 0.00
RAVENSWOOD_GT2_1 24244	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT2_2 24245	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT2_3 24246	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.86 1.37 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
RAVENSWOOD_GT2_4 24247	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.86 1.37 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.02 1.14 0.00
RAVENSWOOD_GT3_1 24248	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00

RAVENSWOOD_GT3_2 24249	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT3_3 24250	34.10 1.81 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.49 1.43 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.28 1.27 0.00	28.17 1.29 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.31 1.24 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.89 1.40 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.05 1.16 0.00
RAVENSWOOD_GT3_4 24251	34.10 1.81 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.49 1.43 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.28 1.27 0.00	28.17 1.29 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.31 1.24 0.00	36.75 1.85 0.00	39.43 2.02 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.89 1.40 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.05 1.16 0.00
RAVENSWOOD_GT_1 23729	34.10 1.81 0.00	32.14 1.53 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.16 1.55 0.00	36.04 1.72 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.28 1.27 0.00	28.15 1.26 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.05 1.16 0.00
RAVENSWOOD_GT_10 24258	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT_11 24259	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT_4 24252	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.84 1.35 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT_5 24254	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.84 1.35 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT_6 24253	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.84 1.35 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT_7 24255	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.84 1.35 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD_GT_9 24257	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.08 1.75 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.25 1.24 0.00	28.12 1.24 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.68 1.78 0.00	39.36 1.95 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
RAVENSWOOD___1 23533	34.03 1.74 0.00	32.20 1.59 0.00	29.30 1.45 0.00	28.92 1.43 0.00	28.34 1.32 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.20 1.19 0.00	28.17 1.29 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.17 1.27 0.00	27.54 1.24 0.00	26.92 1.04 0.00
RAVENSWOOD___2 23534	34.03 1.74 0.00	32.20 1.59 0.00	29.30 1.45 0.00	28.92 1.43 0.00	28.34 1.32 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.20 1.19 0.00	28.17 1.29 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.17 1.27 0.00	27.54 1.24 0.00	26.92 1.04 0.00
RAVENSWOOD___3 23535	34.00 1.71 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.90 1.40 0.00	28.32 1.30 0.00	29.43 1.37 0.00	33.22 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.34 1.73 0.00	28.17 1.16 0.00	28.15 1.26 0.00	27.73 1.27 0.00	27.72 1.24 0.00	27.87 1.30 0.00	28.28 1.22 0.00	36.67 1.78 0.00	39.35 1.94 0.00	33.62 1.72 0.00	31.87 1.63 0.00	29.83 1.34 0.00	28.17 1.27 0.00	27.51 1.21 0.00	26.89 1.01 0.00

RAVENSWOOD___4 23820	34.03 1.74 0.00	32.20 1.59 0.00	29.30 1.45 0.00	28.92 1.43 0.00	28.34 1.32 0.00	29.43 1.37 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.20 1.19 0.00	28.17 1.29 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.17 1.27 0.00	27.54 1.24 0.00	26.92 1.04 0.00
RCPI_TRUST___DRP 24196	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.34 1.32 0.00	29.46 1.40 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.28 1.27 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.31 1.24 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.86 1.37 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.02 1.14 0.00
RED___ROCHESTER 323720	31.26 -1.03 0.00	29.48 -1.13 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.24 -0.78 0.00	27.33 -0.73 0.00	30.51 -1.11 0.00	32.99 -1.34 0.00	32.20 -1.27 0.00	31.53 -1.08 0.00	26.61 -0.40 0.00	26.40 -0.48 0.00	25.96 -0.50 0.00	25.87 -0.61 0.00	25.98 -0.58 0.00	26.47 -0.60 0.00	33.75 -1.15 0.00	36.03 -1.38 0.00	31.07 -0.83 0.00	29.48 -0.75 0.00	27.92 -0.57 0.00	26.34 -0.57 0.00	25.75 -0.55 0.00	25.42 -0.47 0.00
REGAN___SOLAR 323812	36.49 4.20 0.00	34.53 3.92 0.00	31.34 3.48 0.00	30.93 3.44 0.00	30.34 3.32 0.00	31.70 3.65 0.00	35.94 4.33 0.00	39.17 4.84 0.00	38.39 4.92 0.00	37.14 4.53 0.00	30.63 3.62 0.00	30.41 3.52 0.00	29.85 3.39 0.00	29.78 3.31 0.00	29.97 3.40 0.00	30.80 3.74 0.00	40.30 5.41 0.00	42.99 5.58 0.00	36.46 4.56 0.00	34.50 4.26 0.00	32.48 3.99 0.00	30.57 3.66 0.00	29.77 3.47 0.00	29.09 3.21 0.00
RENSSELAER___COGEN 23796	32.84 0.55 0.00	31.37 0.77 0.00	28.61 0.75 0.00	28.26 0.77 0.00	27.72 0.70 0.00	28.70 0.65 0.00	32.34 0.73 0.00	35.08 0.75 0.00	34.00 0.53 0.00	33.06 0.46 0.00	27.23 0.22 0.00	27.10 0.21 0.00	26.70 0.24 0.00	26.74 0.26 0.00	26.83 0.27 0.00	27.33 0.27 0.00	35.38 0.49 0.00	38.01 0.60 0.00	32.25 0.35 0.00	30.54 0.30 0.00	28.81 0.31 0.00	27.23 0.32 0.00	26.56 0.26 0.00	26.04 0.16 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.00 2.71 0.00	33.06 2.45 0.00	30.00 2.15 0.00	29.61 2.12 0.00	29.05 2.03 0.00	30.30 2.24 0.00	34.33 2.72 0.00	37.45 3.12 0.00	36.68 3.21 0.00	35.67 3.07 0.00	29.33 2.32 0.00	29.14 2.26 0.00	28.68 2.22 0.00	28.51 2.04 0.00	28.75 2.18 0.00	29.36 2.30 0.00	38.28 3.38 0.00	40.96 3.55 0.00	34.57 2.68 0.00	32.75 2.51 0.00	30.86 2.36 0.00	28.98 2.07 0.00	28.88 2.58 0.00	28.21 2.33 0.00
REVERE_CPPR_DRP 24186	33.23 0.94 0.00	31.50 0.89 0.00	28.67 0.81 0.00	28.26 0.77 0.00	27.83 0.81 0.00	28.95 0.90 0.00	32.75 1.14 0.00	35.63 1.30 0.00	34.81 1.34 0.00	33.81 1.21 0.00	28.04 1.03 0.00	27.80 0.91 0.00	27.31 0.85 0.00	27.40 0.93 0.00	27.47 0.90 0.00	28.09 1.03 0.00	36.22 1.33 0.00	38.64 1.23 0.00	32.92 1.02 0.00	31.27 1.03 0.00	29.46 0.97 0.00	27.72 0.81 0.00	27.01 0.71 0.00	26.56 0.67 0.00
REYNOLDS_115KV_TB3 80639	33.13 0.84 0.00	31.50 0.89 0.00	28.67 0.81 0.00	28.35 0.85 0.00	27.75 0.73 0.00	28.78 0.73 0.00	32.47 0.85 0.00	35.15 0.82 0.00	34.17 0.70 0.00	33.26 0.65 0.00	27.42 0.41 0.00	27.29 0.40 0.00	26.91 0.45 0.00	26.92 0.45 0.00	27.05 0.48 0.00	27.49 0.43 0.00	35.59 0.70 0.00	38.27 0.86 0.00	32.44 0.54 0.00	30.72 0.48 0.00	28.98 0.48 0.00	27.42 0.51 0.00	26.80 0.50 0.00	26.30 0.41 0.00
RIVERBAY____ 323610	34.36 2.07 0.00	32.35 1.74 0.00	29.50 1.64 0.00	29.09 1.59 0.00	28.51 1.49 0.00	29.63 1.57 0.00	33.35 1.74 0.00	36.25 1.92 0.00	35.41 1.94 0.00	34.53 1.92 0.00	28.44 1.43 0.00	28.34 1.45 0.00	28.00 1.53 0.00	27.96 1.48 0.00	28.13 1.57 0.00	28.50 1.43 0.00	36.99 2.09 0.00	39.69 2.28 0.00	33.90 2.01 0.00	32.14 1.90 0.00	30.03 1.54 0.00	28.50 1.59 0.00	27.85 1.55 0.00	27.28 1.40 0.00
RIVERSDE_115KV_TB3 55908	33.03 0.74 0.00	31.43 0.83 0.00	28.67 0.81 0.00	28.32 0.82 0.00	27.75 0.73 0.00	28.78 0.73 0.00	32.44 0.82 0.00	35.12 0.79 0.00	34.11 0.64 0.00	33.20 0.59 0.00	27.36 0.35 0.00	27.21 0.32 0.00	26.86 0.40 0.00	26.84 0.37 0.00	26.99 0.43 0.00	27.44 0.38 0.00	35.52 0.63 0.00	38.16 0.75 0.00	32.37 0.48 0.00	30.66 0.42 0.00	28.92 0.43 0.00	27.37 0.46 0.00	26.72 0.42 0.00	26.22 0.34 0.00
ROARING___BROOK_WT_PWR 323790	31.94 -0.35 0.00	30.30 -0.31 0.00	27.58 -0.28 0.00	27.22 -0.27 0.00	26.75 -0.27 0.00	27.77 -0.28 0.00	31.30 -0.32 0.00	34.02 -0.31 0.00	33.20 -0.27 0.00	32.35 -0.26 0.00	26.85 -0.16 0.00	26.78 -0.11 0.00	26.38 -0.08 0.00	26.42 -0.05 0.00	26.51 -0.05 0.00	26.98 -0.08 0.00	34.76 -0.14 0.00	37.22 -0.19 0.00	31.67 -0.22 0.00	29.96 -0.27 0.00	28.18 -0.31 0.00	26.61 -0.30 0.00	26.01 -0.29 0.00	25.60 -0.28 0.00
ROCHESRG_115KV_T4 355643	30.71 -1.58 0.00	29.23 -1.38 0.00	26.63 -1.23 0.00	26.26 -1.24 0.00	25.97 -1.05 0.00	26.96 -1.09 0.00	30.13 -1.49 0.00	32.61 -1.72 0.00	31.83 -1.64 0.00	31.04 -1.57 0.00	26.12 -0.89 0.00	26.10 -0.78 0.00	25.59 -0.87 0.00	25.60 -0.87 0.00	25.61 -0.96 0.00	26.17 -0.89 0.00	33.26 -1.64 0.00	35.54 -1.87 0.00	30.68 -1.21 0.00	29.12 -1.12 0.00	27.58 -0.91 0.00	25.99 -0.91 0.00	25.48 -0.82 0.00	25.13 -0.75 0.00
ROCHESTER_9_IC 23652	30.90 -1.39 0.00	29.38 -1.22 0.00	26.77 -1.09 0.00	26.40 -1.10 0.00	26.13 -0.89 0.00	27.13 -0.93 0.00	30.32 -1.30 0.00	32.82 -1.51 0.00	32.03 -1.44 0.00	31.27 -1.34 0.00	26.31 -0.70 0.00	26.27 -0.62 0.00	25.75 -0.71 0.00	25.76 -0.71 0.00	25.77 -0.80 0.00	26.33 -0.73 0.00	33.50 -1.40 0.00	35.80 -1.61 0.00	30.91 -0.99 0.00	29.33 -0.91 0.00	27.75 -0.74 0.00	26.18 -0.73 0.00	25.64 -0.66 0.00	25.29 -0.60 0.00
ROCKVIEW_13_KV_LD 356306	34.10 1.81 0.00	32.17 1.56 0.00	29.28 1.42 0.00	28.90 1.40 0.00	28.34 1.32 0.00	29.46 1.40 0.00	33.23 1.61 0.00	36.15 1.82 0.00	35.28 1.81 0.00	34.37 1.76 0.00	28.28 1.27 0.00	28.17 1.29 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.92 1.35 0.00	28.33 1.27 0.00	36.75 1.85 0.00	39.47 2.06 0.00	33.68 1.79 0.00	31.93 1.69 0.00	29.92 1.42 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.05 1.16 0.00
ROME____115KV_TB2 80656	33.23 0.94 0.00	31.50 0.89 0.00	28.67 0.81 0.00	28.26 0.77 0.00	27.83 0.81 0.00	28.95 0.90 0.00	32.75 1.14 0.00	35.63 1.30 0.00	34.81 1.34 0.00	33.81 1.21 0.00	28.04 1.03 0.00	27.80 0.91 0.00	27.31 0.85 0.00	27.40 0.93 0.00	27.47 0.90 0.00	28.09 1.03 0.00	36.22 1.33 0.00	38.64 1.23 0.00	32.92 1.02 0.00	31.27 1.03 0.00	29.46 0.97 0.00	27.72 0.81 0.00	27.01 0.71 0.00	26.56 0.67 0.00

ROSETON___1 23587	33.62 1.32 0.00	31.83 1.23 0.00	28.97 1.12 0.00	28.60 1.10 0.00	28.02 1.00 0.00	29.12 1.07 0.00	32.88 1.27 0.00	35.70 1.37 0.00	34.84 1.37 0.00	33.91 1.31 0.00	27.88 0.86 0.00	27.80 0.91 0.00	27.36 0.90 0.00	27.37 0.90 0.00	27.52 0.96 0.00	27.98 0.92 0.00	36.26 1.36 0.00	38.94 1.53 0.00	33.17 1.28 0.00	31.45 1.21 0.00	29.52 1.02 0.00	27.88 0.97 0.00	27.19 0.89 0.00	26.63 0.75 0.00
ROSETON___2 23588	33.62 1.32 0.00	31.83 1.23 0.00	28.97 1.12 0.00	28.60 1.10 0.00	28.02 1.00 0.00	29.12 1.07 0.00	32.88 1.27 0.00	35.70 1.37 0.00	34.84 1.37 0.00	33.91 1.31 0.00	27.88 0.86 0.00	27.80 0.91 0.00	27.36 0.90 0.00	27.37 0.90 0.00	27.52 0.96 0.00	27.98 0.92 0.00	36.26 1.36 0.00	38.94 1.53 0.00	33.17 1.28 0.00	31.45 1.21 0.00	29.52 1.02 0.00	27.88 0.97 0.00	27.19 0.89 0.00	26.63 0.75 0.00
ROTTTRDAM_115KV_TB3 80664	33.26 0.97 0.00	31.53 0.92 0.00	28.67 0.81 0.00	28.29 0.80 0.00	27.75 0.73 0.00	28.84 0.79 0.00	32.53 0.92 0.00	35.32 1.00 0.00	34.48 1.00 0.00	33.55 0.95 0.00	27.71 0.70 0.00	27.56 0.67 0.00	27.15 0.69 0.00	27.14 0.66 0.00	27.28 0.72 0.00	27.76 0.70 0.00	35.94 1.05 0.00	38.57 1.16 0.00	32.79 0.89 0.00	31.08 0.85 0.00	29.26 0.77 0.00	27.66 0.75 0.00	27.09 0.79 0.00	26.58 0.70 0.00
RUSSELL___1 23602	31.06 -1.23 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.48 -1.14 0.00	33.02 -1.30 0.00	32.20 -1.27 0.00	31.43 -1.17 0.00	26.44 -0.57 0.00	26.40 -0.48 0.00	25.85 -0.61 0.00	25.86 -0.61 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	33.71 -1.19 0.00	36.03 -1.38 0.00	31.07 -0.83 0.00	29.48 -0.76 0.00	27.92 -0.57 0.00	26.32 -0.59 0.00	25.77 -0.53 0.00	25.39 -0.49 0.00
RUSSELL___2 23532	31.06 -1.23 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.48 -1.14 0.00	33.02 -1.30 0.00	32.20 -1.27 0.00	31.43 -1.17 0.00	26.44 -0.57 0.00	26.40 -0.48 0.00	25.85 -0.61 0.00	25.86 -0.61 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	33.71 -1.19 0.00	36.03 -1.38 0.00	31.07 -0.83 0.00	29.48 -0.76 0.00	27.92 -0.57 0.00	26.32 -0.59 0.00	25.77 -0.53 0.00	25.39 -0.49 0.00
RUSSELL___3 23549	31.06 -1.23 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.48 -1.14 0.00	33.02 -1.30 0.00	32.20 -1.27 0.00	31.43 -1.17 0.00	26.44 -0.57 0.00	26.40 -0.48 0.00	25.85 -0.61 0.00	25.86 -0.61 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	33.71 -1.19 0.00	36.03 -1.38 0.00	31.07 -0.83 0.00	29.48 -0.76 0.00	27.92 -0.57 0.00	26.32 -0.59 0.00	25.77 -0.53 0.00	25.39 -0.49 0.00
RUSSELL___4 23556	31.06 -1.23 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.48 -1.14 0.00	33.02 -1.30 0.00	32.20 -1.27 0.00	31.43 -1.17 0.00	26.44 -0.57 0.00	26.40 -0.48 0.00	25.85 -0.61 0.00	25.86 -0.61 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	33.71 -1.19 0.00	36.03 -1.38 0.00	31.07 -0.83 0.00	29.48 -0.76 0.00	27.92 -0.57 0.00	26.32 -0.59 0.00	25.77 -0.53 0.00	25.39 -0.49 0.00
RUSSELL___STATION 23914	31.06 -1.23 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.48 -1.14 0.00	33.02 -1.30 0.00	32.20 -1.27 0.00	31.43 -1.17 0.00	26.44 -0.57 0.00	26.40 -0.48 0.00	25.85 -0.61 0.00	25.86 -0.61 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	33.71 -1.19 0.00	36.03 -1.38 0.00	31.07 -0.83 0.00	29.48 -0.76 0.00	27.92 -0.57 0.00	26.32 -0.59 0.00	25.77 -0.53 0.00	25.39 -0.49 0.00
S SALMON___HYD 24043	31.35 -0.94 0.00	29.69 -0.92 0.00	26.99 -0.86 0.00	26.64 -0.85 0.00	26.24 -0.78 0.00	27.27 -0.79 0.00	30.76 -0.85 0.00	33.43 -0.89 0.00	32.60 -0.87 0.00	31.79 -0.81 0.00	26.44 -0.57 0.00	26.24 -0.65 0.00	25.80 -0.66 0.00	25.84 -0.64 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	34.06 -0.84 0.00	36.44 -0.97 0.00	31.10 -0.80 0.00	29.54 -0.69 0.00	27.84 -0.65 0.00	26.24 -0.67 0.00	25.64 -0.66 0.00	25.29 -0.59 0.00
S.PERRY___115KV_TB1 80734	32.23 -0.06 0.00	30.58 -0.03 0.00	27.86 0.00 0.00	27.44 -0.05 0.00	27.21 0.19 0.00	28.28 0.22 0.00	31.68 0.06 0.00	34.43 0.10 0.00	33.54 0.07 0.00	32.64 0.03 0.00	27.44 0.43 0.00	27.34 0.46 0.00	26.67 0.21 0.00	26.69 0.21 0.00	26.73 0.16 0.00	27.41 0.35 0.00	35.00 0.10 0.00	37.45 0.04 0.00	32.37 0.48 0.00	30.69 0.45 0.00	29.06 0.57 0.00	27.37 0.46 0.00	26.75 0.45 0.00	26.30 0.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.19 -2.10 0.00	28.80 -1.81 0.00	26.27 -1.59 0.00	25.87 -1.62 0.00	25.72 -1.30 0.00	26.65 -1.40 0.00	29.53 -2.09 0.00	31.82 -2.51 0.00	31.03 -2.44 0.00	30.29 -2.32 0.00	25.82 -1.19 0.00	25.92 -0.97 0.00	25.38 -1.08 0.00	25.39 -1.09 0.00	25.35 -1.22 0.00	25.87 -1.19 0.00	32.52 -2.37 0.00	34.60 -2.81 0.00	30.11 -1.79 0.00	28.57 -1.66 0.00	27.21 -1.28 0.00	25.70 -1.21 0.00	25.27 -1.03 0.00	24.93 -0.96 0.00
SAWYER___23_KV_LOAD 55526	30.19 -2.10 0.00	28.80 -1.81 0.00	26.27 -1.59 0.00	25.87 -1.62 0.00	25.72 -1.30 0.00	26.65 -1.40 0.00	29.53 -2.09 0.00	31.82 -2.51 0.00	31.03 -2.44 0.00	30.29 -2.32 0.00	25.82 -1.19 0.00	25.92 -0.97 0.00	25.38 -1.08 0.00	25.39 -1.09 0.00	25.35 -1.22 0.00	25.87 -1.19 0.00	32.52 -2.37 0.00	34.60 -2.81 0.00	30.11 -1.79 0.00	28.57 -1.66 0.00	27.21 -1.28 0.00	25.70 -1.21 0.00	25.27 -1.03 0.00	24.93 -0.96 0.00
SELKIRK___I 23801	33.19 0.90 0.00	31.62 1.01 0.00	28.80 0.95 0.00	28.46 0.96 0.00	27.88 0.86 0.00	28.93 0.87 0.00	32.59 0.98 0.00	35.35 1.03 0.00	34.34 0.87 0.00	33.42 0.82 0.00	27.55 0.54 0.00	27.42 0.54 0.00	27.02 0.56 0.00	27.03 0.56 0.00	27.15 0.58 0.00	27.63 0.57 0.00	35.77 0.87 0.00	38.38 0.97 0.00	32.57 0.67 0.00	30.87 0.64 0.00	29.12 0.63 0.00	27.53 0.62 0.00	26.88 0.58 0.00	26.37 0.49 0.00
SELKIRK___II 23799	32.97 0.68 0.00	31.40 0.79 0.00	28.61 0.75 0.00	28.26 0.77 0.00	27.70 0.68 0.00	28.73 0.67 0.00	32.37 0.76 0.00	35.12 0.79 0.00	34.14 0.67 0.00	33.20 0.59 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.83 0.37 0.00	26.84 0.37 0.00	26.97 0.40 0.00	27.44 0.38 0.00	35.52 0.63 0.00	38.16 0.75 0.00	32.40 0.51 0.00	30.72 0.48 0.00	28.92 0.43 0.00	27.34 0.43 0.00	26.70 0.40 0.00	26.19 0.31 0.00
SENECA OSWGO___HYD 24041	31.32 -0.97 0.00	29.66 -0.95 0.00	26.99 -0.86 0.00	26.61 -0.88 0.00	26.24 -0.78 0.00	27.21 -0.84 0.00	30.67 -0.95 0.00	33.30 -1.03 0.00	32.50 -0.97 0.00	31.73 -0.88 0.00	26.42 -0.59 0.00	26.27 -0.62 0.00	25.83 -0.64 0.00	25.81 -0.66 0.00	25.88 -0.69 0.00	26.39 -0.68 0.00	33.92 -0.98 0.00	36.32 -1.09 0.00	31.07 -0.83 0.00	29.45 -0.79 0.00	27.78 -0.71 0.00	26.24 -0.67 0.00	25.67 -0.63 0.00	25.37 -0.52 0.00

SENECA___115KV_TB3 355854	30.74 -1.55 0.00	29.29 -1.32 0.00	26.69 -1.17 0.00	26.31 -1.18 0.00	26.16 -0.86 0.00	27.13 -0.93 0.00	30.06 -1.55 0.00	32.51 -1.82 0.00	31.66 -1.81 0.00	30.91 -1.70 0.00	26.34 -0.68 0.00	26.40 -0.48 0.00	25.85 -0.61 0.00	25.84 -0.64 0.00	25.80 -0.77 0.00	26.33 -0.73 0.00	33.15 -1.74 0.00	35.32 -2.09 0.00	30.71 -1.18 0.00	29.12 -1.12 0.00	27.72 -0.77 0.00	26.18 -0.73 0.00	25.75 -0.55 0.00	25.31 -0.57 0.00
SENECA___ENERGY 23797	31.65 -0.65 0.00	29.93 -0.67 0.00	27.24 -0.61 0.00	26.89 -0.61 0.00	26.53 -0.49 0.00	27.61 -0.45 0.00	31.04 -0.57 0.00	33.67 -0.65 0.00	32.83 -0.64 0.00	32.05 -0.55 0.00	26.79 -0.22 0.00	26.62 -0.27 0.00	26.15 -0.32 0.00	26.10 -0.37 0.00	26.20 -0.37 0.00	26.71 -0.35 0.00	34.23 -0.66 0.00	36.59 -0.82 0.00	31.48 -0.42 0.00	29.81 -0.42 0.00	28.18 -0.31 0.00	26.56 -0.35 0.00	25.93 -0.37 0.00	25.57 -0.31 0.00
SHOEMAKER___GT 23640	33.45 1.16 0.00	31.71 1.10 0.00	28.83 0.97 0.00	28.46 0.96 0.00	27.91 0.89 0.00	29.01 0.95 0.00	32.72 1.11 0.00	35.53 1.20 0.00	34.67 1.20 0.00	33.72 1.11 0.00	27.74 0.73 0.00	27.64 0.75 0.00	27.20 0.74 0.00	27.21 0.74 0.00	27.36 0.80 0.00	27.87 0.81 0.00	36.12 1.22 0.00	38.75 1.34 0.00	33.04 1.15 0.00	31.32 1.09 0.00	29.43 0.94 0.00	27.80 0.89 0.00	27.12 0.82 0.00	26.55 0.67 0.00
SHOEMAKR_138KV_BK 111 55601	33.49 1.19 0.00	31.65 1.04 0.00	28.80 0.95 0.00	28.43 0.93 0.00	27.88 0.86 0.00	28.98 0.93 0.00	32.69 1.07 0.00	35.49 1.17 0.00	34.64 1.17 0.00	33.72 1.11 0.00	27.80 0.78 0.00	27.64 0.75 0.00	27.23 0.77 0.00	27.21 0.74 0.00	27.36 0.80 0.00	27.87 0.81 0.00	36.08 1.19 0.00	38.76 1.35 0.00	33.04 1.15 0.00	31.30 1.06 0.00	29.40 0.91 0.00	27.85 0.94 0.00	27.17 0.87 0.00	26.61 0.72 0.00
SHOREHAM_IC_1 23715	47.95 3.20 -12.46	46.52 3.03 -12.88	42.03 2.70 -11.47	38.34 2.64 -8.20	39.84 2.54 -10.28	42.28 2.72 -11.51	42.90 3.10 -8.19	48.02 3.40 -10.29	49.66 3.35 -12.84	42.25 3.10 -6.54	34.91 2.35 -5.55	33.85 2.37 -4.59	33.21 2.33 -4.42	33.32 2.33 -4.52	34.18 2.39 -5.22	34.95 2.44 -5.45	42.23 3.42 -3.91	53.92 3.82 -12.69	47.63 3.32 -12.42	43.12 3.09 -9.80	39.86 2.74 -8.64	39.16 2.61 -9.64	35.41 2.42 -6.69	33.93 2.23 -5.82
SHOREHAM_IC_2 23716	47.95 3.20 -12.46	46.52 3.03 -12.88	42.03 2.70 -11.47	38.34 2.64 -8.20	39.84 2.54 -10.28	42.28 2.72 -11.51	42.90 3.10 -8.19	48.02 3.40 -10.29	49.66 3.35 -12.84	42.25 3.10 -6.54	34.91 2.35 -5.55	33.85 2.37 -4.59	33.21 2.33 -4.42	33.32 2.33 -4.52	34.18 2.39 -5.22	34.95 2.44 -5.45	42.23 3.42 -3.91	53.92 3.82 -12.69	47.63 3.32 -12.42	43.12 3.09 -9.80	39.86 2.74 -8.64	39.16 2.61 -9.64	35.41 2.42 -6.69	33.93 2.23 -5.82
SISSONVILLE____ 23735	32.10 -0.19 0.00	30.36 -0.24 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	26.78 -0.24 0.00	27.83 -0.22 0.00	31.39 -0.22 0.00	34.15 -0.17 0.00	33.30 -0.17 0.00	32.41 -0.20 0.00	26.82 -0.19 0.00	26.67 -0.22 0.00	26.22 -0.24 0.00	26.29 -0.19 0.00	26.33 -0.24 0.00	26.87 -0.19 0.00	34.76 -0.14 0.00	37.15 -0.26 0.00	31.67 -0.22 0.00	30.03 -0.21 0.00	28.23 -0.26 0.00	26.59 -0.32 0.00	25.93 -0.37 0.00	25.47 -0.41 0.00
SITHE_IND_GS1 24169	30.94 -1.36 0.00	29.32 -1.28 0.00	26.69 -1.17 0.00	26.34 -1.15 0.00	25.94 -1.08 0.00	26.93 -1.12 0.00	30.32 -1.30 0.00	32.89 -1.44 0.00	32.07 -1.40 0.00	31.27 -1.34 0.00	26.04 -0.97 0.00	25.89 -0.99 0.00	25.48 -0.98 0.00	25.47 -1.01 0.00	25.56 -1.01 0.00	26.03 -1.03 0.00	33.46 -1.43 0.00	35.84 -1.57 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.41 -1.08 0.00	25.91 -1.00 0.00	25.41 -0.89 0.00	25.13 -0.75 0.00
SITHE_IND_GS2 24170	30.94 -1.36 0.00	29.32 -1.28 0.00	26.69 -1.17 0.00	26.34 -1.15 0.00	25.94 -1.08 0.00	26.93 -1.12 0.00	30.32 -1.30 0.00	32.89 -1.44 0.00	32.07 -1.40 0.00	31.27 -1.34 0.00	26.04 -0.97 0.00	25.89 -0.99 0.00	25.48 -0.98 0.00	25.47 -1.01 0.00	25.56 -1.01 0.00	26.03 -1.03 0.00	33.46 -1.43 0.00	35.84 -1.57 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.41 -1.08 0.00	25.91 -1.00 0.00	25.41 -0.89 0.00	25.13 -0.75 0.00
SITHE_IND_GS3 24171	30.94 -1.36 0.00	29.32 -1.28 0.00	26.69 -1.17 0.00	26.34 -1.15 0.00	25.94 -1.08 0.00	26.93 -1.12 0.00	30.32 -1.30 0.00	32.89 -1.44 0.00	32.07 -1.40 0.00	31.27 -1.34 0.00	26.04 -0.97 0.00	25.89 -0.99 0.00	25.48 -0.98 0.00	25.47 -1.01 0.00	25.56 -1.01 0.00	26.03 -1.03 0.00	33.46 -1.43 0.00	35.84 -1.57 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.41 -1.08 0.00	25.91 -1.00 0.00	25.41 -0.89 0.00	25.13 -0.75 0.00
SITHE_IND_GS4 24172	30.94 -1.36 0.00	29.32 -1.28 0.00	26.69 -1.17 0.00	26.34 -1.15 0.00	25.94 -1.08 0.00	26.93 -1.12 0.00	30.32 -1.30 0.00	32.89 -1.44 0.00	32.07 -1.40 0.00	31.27 -1.34 0.00	26.04 -0.97 0.00	25.89 -0.99 0.00	25.48 -0.98 0.00	25.47 -1.01 0.00	25.56 -1.01 0.00	26.03 -1.03 0.00	33.46 -1.43 0.00	35.84 -1.57 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.41 -1.08 0.00	25.91 -1.00 0.00	25.41 -0.89 0.00	25.13 -0.75 0.00
SITHE___BATAVIA 24024	31.23 -1.06 0.00	29.38 -1.23 0.00	26.83 -1.03 0.00	26.42 -1.07 0.00	26.24 -0.78 0.00	27.38 -0.67 0.00	30.38 -1.23 0.00	32.75 -1.58 0.00	31.93 -1.54 0.00	31.34 -1.27 0.00	26.66 -0.35 0.00	26.40 -0.48 0.00	26.01 -0.45 0.00	25.87 -0.61 0.00	25.96 -0.61 0.00	26.44 -0.62 0.00	33.53 -1.36 0.00	35.69 -1.72 0.00	30.97 -0.93 0.00	29.39 -0.85 0.00	27.89 -0.60 0.00	26.32 -0.59 0.00	25.72 -0.58 0.00	25.39 -0.49 0.00
SITHE___INDEPEND 23800	30.90 -1.39 0.00	29.32 -1.29 0.00	26.72 -1.14 0.00	26.37 -1.13 0.00	25.97 -1.05 0.00	26.93 -1.12 0.00	30.32 -1.30 0.00	32.92 -1.41 0.00	32.10 -1.37 0.00	31.30 -1.30 0.00	26.01 -1.00 0.00	25.89 -0.99 0.00	25.46 -1.01 0.00	25.47 -1.01 0.00	25.56 -1.01 0.00	26.03 -1.03 0.00	33.47 -1.43 0.00	35.84 -1.57 0.00	30.65 -1.24 0.00	29.06 -1.18 0.00	27.41 -1.08 0.00	25.89 -1.02 0.00	25.33 -0.97 0.00	25.05 -0.83 0.00
SITHE___MASSENA 23902	32.74 0.45 0.00	31.04 0.43 0.00	28.25 0.39 0.00	27.85 0.36 0.00	27.37 0.35 0.00	28.42 0.36 0.00	32.02 0.41 0.00	34.81 0.48 0.00	33.94 0.47 0.00	33.03 0.42 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.78 0.32 0.00	26.84 0.37 0.00	26.89 0.32 0.00	27.41 0.35 0.00	35.35 0.45 0.00	37.90 0.49 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.18 0.27 0.00	26.56 0.26 0.00	26.12 0.23 0.00
SITHE___OGDNSBRG 24021	32.94 0.65 0.00	31.16 0.55 0.00	28.36 0.50 0.00	27.96 0.47 0.00	27.48 0.46 0.00	28.56 0.50 0.00	32.21 0.60 0.00	35.08 0.76 0.00	34.21 0.74 0.00	33.29 0.68 0.00	27.55 0.54 0.00	27.40 0.51 0.00	26.94 0.48 0.00	27.00 0.53 0.00	27.05 0.48 0.00	27.63 0.57 0.00	35.73 0.84 0.00	38.20 0.79 0.00	32.56 0.67 0.00	30.84 0.60 0.00	29.03 0.54 0.00	27.31 0.40 0.00	26.64 0.34 0.00	26.17 0.28 0.00

SITHE___STERLING 23777	32.97 0.68 0.00	31.22 0.61 0.00	28.41 0.56 0.00	28.04 0.55 0.00	27.61 0.59 0.00	28.73 0.67 0.00	32.47 0.85 0.00	35.29 0.96 0.00	34.47 1.00 0.00	33.52 0.91 0.00	27.80 0.78 0.00	27.58 0.70 0.00	27.12 0.66 0.00	27.16 0.69 0.00	27.26 0.69 0.00	27.85 0.79 0.00	35.87 0.98 0.00	38.35 0.94 0.00	32.66 0.76 0.00	30.99 0.76 0.00	29.20 0.71 0.00	27.50 0.59 0.00	26.83 0.53 0.00	26.40 0.52 0.00
SLEIGHT__34_KV_TB1 80719	31.06 -1.23 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.18 -0.84 0.00	27.21 -0.84 0.00	30.54 -1.07 0.00	33.16 -1.17 0.00	32.37 -1.10 0.00	31.60 -1.01 0.00	26.44 -0.57 0.00	26.37 -0.51 0.00	25.83 -0.64 0.00	25.84 -0.64 0.00	25.88 -0.69 0.00	26.44 -0.62 0.00	33.81 -1.08 0.00	36.14 -1.27 0.00	31.07 -0.83 0.00	29.48 -0.76 0.00	27.84 -0.66 0.00	26.24 -0.67 0.00	25.64 -0.66 0.00	25.26 -0.62 0.00
SOUTH CAIRO___GT 23612	34.49 2.20 0.00	32.84 2.23 0.00	29.92 2.06 0.00	29.53 2.03 0.00	28.97 1.95 0.00	30.05 1.99 0.00	33.92 2.31 0.00	36.76 2.44 0.00	35.68 2.21 0.00	34.56 1.96 0.00	28.31 1.30 0.00	28.10 1.21 0.00	27.63 1.16 0.00	27.59 1.11 0.00	27.84 1.28 0.00	28.55 1.49 0.00	37.20 2.30 0.00	39.99 2.58 0.00	33.87 1.98 0.00	32.02 1.78 0.00	30.11 1.62 0.00	28.55 1.64 0.00	27.80 1.50 0.00	27.20 1.32 0.00
SOUTH HAMPTN___IC 23720	48.34 3.58 -12.46	46.89 3.40 -12.88	42.37 3.04 -11.47	38.67 2.97 -8.20	40.16 2.86 -10.28	42.62 3.06 -11.51	43.28 3.48 -8.19	48.46 3.84 -10.29	50.09 3.78 -12.84	42.67 3.52 -6.54	35.26 2.70 -5.55	34.19 2.71 -4.59	33.56 2.67 -4.42	33.64 2.65 -4.52	34.50 2.71 -5.22	35.28 2.76 -5.45	42.68 3.87 -3.91	54.41 4.30 -12.69	48.07 3.76 -12.42	43.54 3.51 -9.80	40.23 3.11 -8.64	39.51 2.96 -9.64	35.75 2.76 -6.69	34.24 2.54 -5.82
SOUTHDOW_115KV_TB1 355954	31.90 -0.39 0.00	30.33 -0.28 0.00	27.61 -0.25 0.00	27.22 -0.27 0.00	27.05 0.03 0.00	28.06 0.00 0.00	31.33 -0.28 0.00	33.98 -0.34 0.00	33.10 -0.37 0.00	32.25 -0.36 0.00	27.44 0.43 0.00	27.42 0.54 0.00	26.83 0.37 0.00	26.71 0.24 0.00	26.65 0.08 0.00	27.20 0.14 0.00	34.44 -0.45 0.00	36.70 -0.71 0.00	31.86 -0.03 0.00	30.18 -0.06 0.00	28.75 0.26 0.00	27.18 0.27 0.00	26.67 0.37 0.00	26.22 0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	49.01 4.26 -12.46	47.41 3.92 -12.88	42.81 3.48 -11.47	39.11 3.41 -8.20	40.65 3.35 -10.28	43.13 3.56 -11.51	43.85 4.05 -8.19	49.12 4.50 -10.29	50.73 4.42 -12.84	43.16 4.01 -6.54	35.83 3.27 -5.55	34.65 3.17 -4.59	34.01 3.12 -4.42	34.09 3.10 -4.52	34.98 3.19 -5.22	35.79 3.27 -5.45	43.41 4.61 -3.91	55.27 5.16 -12.69	48.81 4.50 -12.42	44.21 4.17 -9.80	40.86 3.73 -8.64	40.15 3.61 -9.64	36.35 3.37 -6.69	34.81 3.11 -5.82
SOUTHOLD___IC 23719	48.95 4.20 -12.46	47.44 3.95 -12.88	42.84 3.51 -11.47	39.13 3.44 -8.20	40.65 3.35 -10.28	43.16 3.59 -11.51	43.91 4.11 -8.19	49.15 4.53 -10.29	50.76 4.45 -12.84	43.26 4.11 -6.54	35.78 3.21 -5.55	34.68 3.20 -4.59	34.00 3.12 -4.42	34.08 3.10 -4.52	34.97 3.19 -5.22	35.79 3.27 -5.45	43.41 4.61 -3.91	55.27 5.16 -12.69	48.81 4.50 -12.42	44.21 4.17 -9.80	40.86 3.73 -8.64	40.07 3.52 -9.64	36.25 3.26 -6.69	34.70 3.00 -5.82
SOUTH_FORK_WT_PWR 323839	49.01 4.26 -12.46	47.47 3.98 -12.88	42.90 3.57 -11.47	39.19 3.49 -8.20	40.70 3.40 -10.28	43.18 3.62 -11.51	43.94 4.14 -8.19	49.18 4.57 -10.29	50.80 4.49 -12.84	43.32 4.17 -6.54	35.83 3.27 -5.55	34.73 3.25 -4.59	34.06 3.17 -4.42	34.14 3.15 -4.52	35.03 3.24 -5.22	35.84 3.33 -5.45	43.48 4.68 -3.91	55.30 5.20 -12.69	48.87 4.56 -12.42	44.27 4.23 -9.80	40.92 3.79 -8.64	40.13 3.58 -9.64	36.30 3.31 -6.69	34.75 3.05 -5.82
SPIERFLS_115KV_TB 1 80737	33.45 1.16 0.00	31.65 1.04 0.00	28.78 0.92 0.00	28.40 0.91 0.00	27.83 0.81 0.00	28.98 0.93 0.00	32.75 1.14 0.00	35.63 1.30 0.00	34.84 1.37 0.00	33.91 1.30 0.00	27.93 0.92 0.00	27.77 0.89 0.00	27.39 0.93 0.00	27.29 0.82 0.00	27.47 0.90 0.00	28.01 0.95 0.00	36.36 1.47 0.00	38.98 1.57 0.00	32.98 1.08 0.00	31.30 1.06 0.00	29.46 0.97 0.00	27.77 0.86 0.00	27.83 1.53 0.00	27.23 1.35 0.00
ST LAWRENCE____ 23600	32.42 0.13 0.00	30.70 0.09 0.00	27.94 0.08 0.00	27.58 0.08 0.00	27.10 0.08 0.00	28.14 0.08 0.00	31.68 0.06 0.00	34.43 0.10 0.00	33.57 0.10 0.00	32.67 0.07 0.00	27.07 0.05 0.00	26.94 0.05 0.00	26.52 0.05 0.00	26.55 0.08 0.00	26.62 0.05 0.00	27.12 0.05 0.00	34.97 0.07 0.00	37.48 0.07 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.52 0.03 0.00	26.91 0.00 0.00	26.30 0.00 0.00	25.86 -0.03 0.00
STATE_CA_115KV_115_LB 55624	33.03 0.74 0.00	31.50 0.89 0.00	28.72 0.86 0.00	28.37 0.88 0.00	27.80 0.78 0.00	28.84 0.79 0.00	32.50 0.89 0.00	35.22 0.89 0.00	34.14 0.67 0.00	33.26 0.65 0.00	27.39 0.38 0.00	27.26 0.38 0.00	26.89 0.42 0.00	26.87 0.40 0.00	26.99 0.43 0.00	27.47 0.41 0.00	35.59 0.70 0.00	38.20 0.79 0.00	32.40 0.51 0.00	30.72 0.48 0.00	28.95 0.46 0.00	27.37 0.46 0.00	26.72 0.42 0.00	26.22 0.34 0.00
STATE_ST_34_KV_LOAD 55959	31.90 -0.39 0.00	30.27 -0.34 0.00	27.58 -0.28 0.00	27.19 -0.30 0.00	26.80 -0.22 0.00	27.83 -0.22 0.00	31.36 -0.25 0.00	34.09 -0.24 0.00	33.27 -0.20 0.00	32.45 -0.16 0.00	27.01 0.00 0.00	26.88 0.00 0.00	26.38 -0.08 0.00	26.39 -0.08 0.00	26.46 -0.11 0.00	27.01 -0.05 0.00	34.65 -0.24 0.00	37.11 -0.30 0.00	31.83 -0.06 0.00	30.15 -0.09 0.00	28.46 -0.03 0.00	26.83 -0.08 0.00	26.19 -0.11 0.00	25.81 -0.08 0.00
STATION 5_MISC_HYD 23604	31.13 -1.16 0.00	29.35 -1.26 0.00	26.77 -1.09 0.00	26.39 -1.10 0.00	26.10 -0.92 0.00	27.21 -0.84 0.00	30.38 -1.23 0.00	32.82 -1.51 0.00	32.00 -1.47 0.00	31.37 -1.24 0.00	26.47 -0.54 0.00	26.27 -0.62 0.00	25.83 -0.64 0.00	25.76 -0.71 0.00	25.85 -0.72 0.00	26.33 -0.73 0.00	33.53 -1.36 0.00	35.80 -1.61 0.00	30.91 -0.99 0.00	29.33 -0.91 0.00	27.75 -0.74 0.00	26.18 -0.73 0.00	25.62 -0.68 0.00	25.29 -0.59 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.52 -0.78 0.00	29.93 -0.67 0.00	27.24 -0.61 0.00	26.86 -0.63 0.00	26.56 -0.46 0.00	27.61 -0.45 0.00	30.98 -0.63 0.00	33.64 -0.69 0.00	32.83 -0.64 0.00	32.02 -0.59 0.00	26.82 -0.19 0.00	26.72 -0.16 0.00	26.17 -0.29 0.00	26.18 -0.29 0.00	26.22 -0.35 0.00	26.79 -0.27 0.00	34.23 -0.66 0.00	36.59 -0.82 0.00	31.51 -0.38 0.00	29.90 -0.33 0.00	28.26 -0.23 0.00	26.61 -0.30 0.00	26.04 -0.26 0.00	25.62 -0.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.81 -1.49 0.00	29.26 -1.35 0.00	26.66 -1.20 0.00	26.29 -1.21 0.00	26.02 -1.00 0.00	27.02 -1.04 0.00	30.22 -1.39 0.00	32.75 -1.58 0.00	31.96 -1.51 0.00	31.21 -1.40 0.00	26.20 -0.81 0.00	26.16 -0.73 0.00	25.64 -0.82 0.00	25.65 -0.82 0.00	25.66 -0.90 0.00	26.22 -0.84 0.00	33.43 -1.47 0.00	35.73 -1.68 0.00	30.81 -1.08 0.00	29.24 -1.00 0.00	27.67 -0.83 0.00	26.08 -0.83 0.00	25.54 -0.76 0.00	25.16 -0.72 0.00

STA_56___34_KV_BUS2 355983	30.81 -1.49 0.00	29.26 -1.35 0.00	26.66 -1.20 0.00	26.29 -1.21 0.00	26.02 -1.00 0.00	27.02 -1.04 0.00	30.22 -1.39 0.00	32.75 -1.58 0.00	31.96 -1.51 0.00	31.21 -1.40 0.00	26.20 -0.81 0.00	26.16 -0.73 0.00	25.64 -0.82 0.00	25.65 -0.82 0.00	25.66 -0.90 0.00	26.22 -0.84 0.00	33.43 -1.47 0.00	35.73 -1.68 0.00	30.81 -1.08 0.00	29.24 -1.00 0.00	27.67 -0.83 0.00	26.08 -0.83 0.00	25.54 -0.76 0.00	25.16 -0.72 0.00
STA_67___115KV_BK2 355882	30.84 -1.45 0.00	29.32 -1.29 0.00	26.72 -1.14 0.00	26.34 -1.15 0.00	26.07 -0.95 0.00	27.07 -0.98 0.00	30.25 -1.36 0.00	32.75 -1.58 0.00	31.96 -1.51 0.00	31.17 -1.43 0.00	26.23 -0.78 0.00	26.21 -0.67 0.00	25.67 -0.79 0.00	25.71 -0.77 0.00	25.72 -0.85 0.00	26.28 -0.78 0.00	33.43 -1.47 0.00	35.69 -1.72 0.00	30.81 -1.08 0.00	29.24 -1.00 0.00	27.69 -0.80 0.00	26.10 -0.81 0.00	25.59 -0.71 0.00	25.21 -0.67 0.00
STA_7___115KV_9TRANS 80674	31.06 -1.23 0.00	29.51 -1.10 0.00	26.88 -0.98 0.00	26.51 -0.99 0.00	26.24 -0.78 0.00	27.24 -0.81 0.00	30.48 -1.14 0.00	33.02 -1.30 0.00	32.20 -1.27 0.00	31.43 -1.17 0.00	26.44 -0.57 0.00	26.40 -0.48 0.00	25.85 -0.61 0.00	25.86 -0.61 0.00	25.90 -0.66 0.00	26.47 -0.60 0.00	33.71 -1.19 0.00	36.03 -1.38 0.00	31.07 -0.83 0.00	29.48 -0.76 0.00	27.92 -0.57 0.00	26.32 -0.59 0.00	25.77 -0.53 0.00	25.39 -0.49 0.00
STA_82___115KV_TB1 80780	30.87 -1.42 0.00	29.35 -1.25 0.00	26.74 -1.11 0.00	26.34 -1.15 0.00	26.07 -0.95 0.00	27.07 -0.98 0.00	30.29 -1.33 0.00	32.78 -1.54 0.00	31.96 -1.51 0.00	31.21 -1.40 0.00	26.26 -0.76 0.00	26.24 -0.65 0.00	25.69 -0.77 0.00	25.71 -0.77 0.00	25.72 -0.85 0.00	26.28 -0.78 0.00	33.43 -1.47 0.00	35.73 -1.68 0.00	30.84 -1.05 0.00	29.27 -0.97 0.00	27.72 -0.77 0.00	26.13 -0.78 0.00	25.59 -0.71 0.00	25.24 -0.65 0.00
STEEL___WIND 323596	31.03 -1.26 0.00	29.26 -1.35 0.00	26.69 -1.17 0.00	26.34 -1.15 0.00	26.13 -0.89 0.00	27.27 -0.79 0.00	30.16 -1.45 0.00	32.44 -1.89 0.00	31.63 -1.84 0.00	31.04 -1.56 0.00	26.55 -0.46 0.00	26.37 -0.51 0.00	25.99 -0.48 0.00	25.81 -0.66 0.00	25.90 -0.66 0.00	26.30 -0.76 0.00	33.19 -1.71 0.00	35.28 -2.13 0.00	30.68 -1.21 0.00	29.09 -1.15 0.00	27.69 -0.80 0.00	26.18 -0.73 0.00	25.59 -0.71 0.00	25.26 -0.62 0.00
STEPHTWN_115KV_BK_2 55603	33.36 1.07 0.00	31.77 1.16 0.00	28.97 1.11 0.00	28.62 1.13 0.00	28.05 1.03 0.00	29.12 1.07 0.00	32.85 1.23 0.00	35.60 1.27 0.00	34.54 1.07 0.00	33.62 1.01 0.00	27.69 0.68 0.00	27.53 0.65 0.00	27.15 0.69 0.00	27.11 0.64 0.00	27.26 0.69 0.00	27.74 0.68 0.00	35.98 1.08 0.00	38.64 1.23 0.00	32.79 0.89 0.00	31.05 0.82 0.00	29.26 0.77 0.00	27.66 0.75 0.00	27.01 0.71 0.00	26.48 0.60 0.00
STEBUBEN_REC_LFGE 323667	32.20 -0.10 0.00	30.58 -0.03 0.00	27.83 -0.03 0.00	27.44 -0.05 0.00	27.21 0.19 0.00	28.22 0.17 0.00	31.58 -0.03 0.00	34.26 -0.07 0.00	33.37 -0.10 0.00	32.54 -0.07 0.00	27.50 0.49 0.00	27.45 0.56 0.00	26.86 0.40 0.00	26.84 0.37 0.00	26.86 0.29 0.00	27.44 0.38 0.00	34.79 -0.10 0.00	37.07 -0.34 0.00	32.09 0.19 0.00	30.42 0.18 0.00	28.86 0.37 0.00	27.23 0.32 0.00	26.62 0.32 0.00	26.19 0.31 0.00
STILLWATER___SOLAR 323814	33.71 1.42 0.00	31.95 1.35 0.00	29.08 1.22 0.00	28.70 1.21 0.00	28.10 1.08 0.00	29.21 1.15 0.00	33.00 1.39 0.00	35.87 1.55 0.00	35.01 1.54 0.00	34.04 1.43 0.00	28.06 1.05 0.00	27.93 1.05 0.00	27.52 1.06 0.00	27.50 1.03 0.00	27.63 1.06 0.00	28.14 1.08 0.00	36.50 1.61 0.00	39.17 1.76 0.00	33.20 1.31 0.00	31.48 1.24 0.00	29.66 1.17 0.00	28.20 1.29 0.00	27.54 1.24 0.00	26.97 1.09 0.00
STONY___BROOK 24151	47.76 3.00 -12.46	46.30 2.81 -12.88	41.84 2.51 -11.47	38.17 2.48 -8.20	39.68 2.38 -10.28	42.09 2.53 -11.51	42.68 2.88 -8.19	47.84 3.23 -10.29	49.46 3.15 -12.84	42.12 2.97 -6.54	34.78 2.22 -5.55	33.74 2.26 -4.59	33.11 2.22 -4.42	33.21 2.22 -4.52	34.07 2.29 -5.22	34.81 2.30 -5.45	42.05 3.25 -3.91	53.58 3.48 -12.69	47.44 3.13 -12.42	42.94 2.90 -9.80	39.69 2.57 -8.64	38.97 2.42 -9.64	35.22 2.23 -6.69	33.75 2.04 -5.82
STURGEON_POOL_HYD 23609	33.91 1.61 0.00	31.99 1.38 0.00	29.06 1.20 0.00	28.68 1.18 0.00	28.13 1.11 0.00	29.23 1.18 0.00	32.97 1.36 0.00	35.80 1.48 0.00	34.98 1.51 0.00	34.04 1.43 0.00	28.01 1.00 0.00	27.83 0.94 0.00	27.44 0.98 0.00	27.43 0.95 0.00	27.58 1.01 0.00	28.09 1.03 0.00	36.40 1.50 0.00	39.13 1.72 0.00	33.39 1.50 0.00	31.63 1.39 0.00	29.66 1.17 0.00	28.12 1.21 0.00	27.43 1.13 0.00	26.87 0.98 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.62 1.32 0.00	31.77 1.16 0.00	28.89 1.03 0.00	28.51 1.02 0.00	27.99 0.97 0.00	29.07 1.01 0.00	32.81 1.20 0.00	35.63 1.30 0.00	34.78 1.31 0.00	33.85 1.24 0.00	27.90 0.89 0.00	27.74 0.86 0.00	27.34 0.87 0.00	27.32 0.85 0.00	27.47 0.90 0.00	27.95 0.89 0.00	36.22 1.33 0.00	38.91 1.50 0.00	33.17 1.28 0.00	31.42 1.18 0.00	29.52 1.03 0.00	27.93 1.02 0.00	27.25 0.95 0.00	26.71 0.83 0.00
SWANROAD_115KV_TB1 355699	29.45 -2.84 0.00	28.13 -2.48 0.00	25.63 -2.23 0.00	25.27 -2.23 0.00	25.10 -1.92 0.00	26.04 -2.02 0.00	28.77 -2.85 0.00	30.96 -3.36 0.00	30.19 -3.28 0.00	29.48 -3.13 0.00	25.15 -1.86 0.00	25.27 -1.61 0.00	24.74 -1.72 0.00	24.75 -1.72 0.00	24.71 -1.86 0.00	25.22 -1.84 0.00	31.65 -3.25 0.00	33.71 -3.70 0.00	29.34 -2.55 0.00	27.85 -2.39 0.00	26.53 -1.97 0.00	25.05 -1.86 0.00	24.67 -1.63 0.00	24.33 -1.55 0.00
SYNERGY___BIOGAS 323694	31.23 -1.06 0.00	29.38 -1.23 0.00	26.83 -1.03 0.00	26.42 -1.07 0.00	26.24 -0.78 0.00	27.38 -0.67 0.00	30.38 -1.23 0.00	32.75 -1.58 0.00	31.93 -1.54 0.00	31.34 -1.27 0.00	26.66 -0.35 0.00	26.40 -0.48 0.00	26.01 -0.45 0.00	25.87 -0.61 0.00	25.96 -0.61 0.00	26.44 -0.62 0.00	33.53 -1.36 0.00	35.69 -1.72 0.00	30.97 -0.93 0.00	29.39 -0.85 0.00	27.89 -0.60 0.00	26.32 -0.59 0.00	25.72 -0.58 0.00	25.39 -0.49 0.00
SYRACUSE___ENERGY_ST1 323597	31.71 -0.58 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.03 -0.47 0.00	26.61 -0.41 0.00	27.63 -0.42 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.00 -0.47 0.00	32.18 -0.42 0.00	26.77 -0.24 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.25 -0.32 0.00	26.76 -0.30 0.00	34.37 -0.52 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	25.98 -0.32 0.00	25.65 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	31.71 -0.58 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.03 -0.47 0.00	26.61 -0.41 0.00	27.63 -0.42 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.00 -0.47 0.00	32.18 -0.42 0.00	26.77 -0.24 0.00	26.64 -0.24 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.25 -0.32 0.00	26.76 -0.30 0.00	34.37 -0.52 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	25.98 -0.32 0.00	25.65 -0.23 0.00

SYRACUSE___POWER 24017	31.68 -0.61 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.05 -0.44 0.00	26.64 -0.38 0.00	27.66 -0.39 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.04 -0.44 0.00	32.22 -0.39 0.00	26.80 -0.22 0.00	26.67 -0.22 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.28 -0.29 0.00	26.76 -0.30 0.00	34.34 -0.56 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	26.01 -0.29 0.00	25.65 -0.23 0.00
TALLMAN___138KV_BK151 55660	33.75 1.45 0.00	31.86 1.25 0.00	28.97 1.11 0.00	28.59 1.10 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.91 1.30 0.00	35.77 1.44 0.00	34.91 1.44 0.00	33.98 1.37 0.00	28.01 1.00 0.00	27.85 0.97 0.00	27.47 1.01 0.00	27.43 0.95 0.00	27.60 1.04 0.00	28.04 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.30 1.40 0.00	31.57 1.33 0.00	29.60 1.11 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.79 0.91 0.00
TEALLAVE_115KV_TB7 355573	31.48 -0.81 0.00	29.90 -0.70 0.00	27.27 -0.59 0.00	26.92 -0.58 0.00	26.51 -0.51 0.00	27.52 -0.53 0.00	30.98 -0.63 0.00	33.67 -0.65 0.00	32.83 -0.64 0.00	32.02 -0.59 0.00	26.63 -0.38 0.00	26.51 -0.38 0.00	26.04 -0.42 0.00	26.05 -0.42 0.00	26.12 -0.45 0.00	26.60 -0.46 0.00	34.13 -0.77 0.00	36.55 -0.86 0.00	31.26 -0.64 0.00	29.69 -0.54 0.00	28.04 -0.46 0.00	26.45 -0.46 0.00	25.85 -0.45 0.00	25.52 -0.36 0.00
TELGRAPH_34_KV_EAST 80808	30.35 -1.94 0.00	28.92 -1.68 0.00	26.38 -1.48 0.00	25.98 -1.51 0.00	25.83 -1.19 0.00	26.79 -1.26 0.00	29.72 -1.90 0.00	32.09 -2.23 0.00	31.26 -2.21 0.00	30.52 -2.09 0.00	25.96 -1.05 0.00	26.00 -0.89 0.00	25.46 -1.01 0.00	25.47 -1.01 0.00	25.43 -1.14 0.00	25.98 -1.08 0.00	32.77 -2.13 0.00	34.90 -2.51 0.00	30.33 -1.56 0.00	28.79 -1.45 0.00	27.38 -1.11 0.00	25.83 -1.08 0.00	25.38 -0.92 0.00	25.00 -0.88 0.00
TEMPLE___115KV_TB 2 55572	31.52 -0.78 0.00	29.93 -0.67 0.00	27.30 -0.56 0.00	26.92 -0.58 0.00	26.51 -0.51 0.00	27.52 -0.53 0.00	31.01 -0.60 0.00	33.67 -0.65 0.00	32.87 -0.60 0.00	32.05 -0.55 0.00	26.66 -0.35 0.00	26.54 -0.35 0.00	26.07 -0.40 0.00	26.08 -0.40 0.00	26.14 -0.43 0.00	26.63 -0.43 0.00	34.16 -0.73 0.00	36.59 -0.82 0.00	31.29 -0.61 0.00	29.72 -0.51 0.00	28.06 -0.43 0.00	26.48 -0.43 0.00	25.88 -0.42 0.00	25.55 -0.34 0.00
TIANA___69_KV_BK 1 55817	48.30 3.55 -12.46	46.73 3.24 -12.88	42.23 2.90 -11.47	38.53 2.83 -8.20	40.05 2.76 -10.28	42.51 2.95 -11.51	43.12 3.32 -8.19	48.29 3.67 -10.29	49.93 3.61 -12.84	42.41 3.26 -6.54	35.21 2.65 -5.55	34.06 2.58 -4.59	33.45 2.57 -4.42	33.53 2.54 -4.52	34.42 2.63 -5.22	35.17 2.65 -5.45	42.54 3.73 -3.91	54.26 4.15 -12.69	47.95 3.64 -12.42	43.39 3.36 -9.80	40.12 2.99 -8.64	39.48 2.93 -9.64	35.72 2.74 -6.69	34.21 2.51 -5.82
TILDEN___115KV_TB1 80814	31.68 -0.61 0.00	30.09 -0.52 0.00	27.41 -0.45 0.00	27.05 -0.44 0.00	26.64 -0.38 0.00	27.66 -0.39 0.00	31.14 -0.47 0.00	33.85 -0.48 0.00	33.04 -0.44 0.00	32.22 -0.39 0.00	26.80 -0.22 0.00	26.67 -0.22 0.00	26.20 -0.26 0.00	26.18 -0.29 0.00	26.28 -0.29 0.00	26.76 -0.30 0.00	34.34 -0.56 0.00	36.81 -0.60 0.00	31.48 -0.41 0.00	29.87 -0.36 0.00	28.21 -0.28 0.00	26.61 -0.30 0.00	26.01 -0.29 0.00	25.65 -0.23 0.00
TRIGEN___CC 323695	46.94 2.20 -12.45	45.44 1.96 -12.88	41.08 1.76 -11.47	37.43 1.73 -8.20	38.97 1.68 -10.28	41.33 1.77 -11.50	41.80 1.99 -8.19	46.84 2.23 -10.29	48.51 2.21 -12.83	41.30 2.15 -6.54	34.18 1.62 -5.55	33.09 1.61 -4.59	32.52 1.64 -4.42	32.58 1.59 -4.52	33.46 1.67 -5.22	34.11 1.60 -5.45	41.07 2.27 -3.91	52.61 2.51 -12.69	46.47 2.17 -12.41	42.06 2.03 -9.80	38.89 1.77 -8.64	38.30 1.75 -9.64	34.64 1.66 -6.69	33.20 1.50 -5.82
TRINITY___115KV___4 BK 55933	32.94 0.65 0.00	31.37 0.77 0.00	28.61 0.75 0.00	28.29 0.80 0.00	27.70 0.68 0.00	28.73 0.67 0.00	32.37 0.76 0.00	35.08 0.76 0.00	34.01 0.54 0.00	33.13 0.52 0.00	27.28 0.27 0.00	27.15 0.27 0.00	26.78 0.32 0.00	26.76 0.29 0.00	26.91 0.35 0.00	27.36 0.30 0.00	35.42 0.52 0.00	38.05 0.64 0.00	32.28 0.38 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.29 0.38 0.00	26.64 0.34 0.00	26.14 0.26 0.00
UNION___PROCESSING_DRP 323587	30.87 -1.42 0.00	29.35 -1.25 0.00	26.74 -1.11 0.00	26.37 -1.13 0.00	26.10 -0.92 0.00	27.10 -0.95 0.00	30.29 -1.33 0.00	32.78 -1.54 0.00	32.00 -1.47 0.00	31.21 -1.40 0.00	26.28 -0.73 0.00	26.24 -0.65 0.00	25.69 -0.77 0.00	25.73 -0.74 0.00	25.74 -0.82 0.00	26.30 -0.76 0.00	33.47 -1.43 0.00	35.76 -1.65 0.00	30.84 -1.05 0.00	29.27 -0.97 0.00	27.72 -0.77 0.00	26.13 -0.78 0.00	25.62 -0.68 0.00	25.24 -0.65 0.00
UPPER HUDSON___HYD 24058	33.39 1.10 0.00	31.68 1.07 0.00	28.78 0.92 0.00	28.43 0.94 0.00	27.83 0.81 0.00	28.98 0.92 0.00	32.75 1.14 0.00	35.66 1.34 0.00	34.88 1.41 0.00	33.91 1.31 0.00	27.93 0.92 0.00	27.77 0.89 0.00	27.39 0.93 0.00	27.32 0.85 0.00	27.47 0.90 0.00	28.01 0.95 0.00	36.36 1.47 0.00	38.98 1.57 0.00	32.98 1.09 0.00	31.29 1.06 0.00	29.46 0.97 0.00	28.50 1.59 0.00	27.77 1.47 0.00	27.18 1.29 0.00
UPPER RAQUET___HYD 24056	32.07 -0.22 0.00	30.36 -0.25 0.00	27.63 -0.22 0.00	27.25 -0.25 0.00	26.78 -0.24 0.00	27.83 -0.23 0.00	31.39 -0.22 0.00	34.19 -0.14 0.00	33.30 -0.17 0.00	32.41 -0.19 0.00	26.82 -0.19 0.00	26.67 -0.22 0.00	26.22 -0.24 0.00	26.29 -0.18 0.00	26.33 -0.24 0.00	26.87 -0.19 0.00	34.69 -0.21 0.00	37.15 -0.26 0.00	31.67 -0.22 0.00	30.03 -0.21 0.00	28.23 -0.26 0.00	26.59 -0.32 0.00	25.93 -0.37 0.00	25.47 -0.42 0.00
VALLEY44_115KV_TB2 355964	31.36 -0.94 0.00	29.84 -0.77 0.00	27.19 -0.67 0.00	26.84 -0.66 0.00	26.72 -0.30 0.00	27.66 -0.39 0.00	30.82 -0.79 0.00	33.54 -0.79 0.00	32.63 -0.84 0.00	31.73 -0.88 0.00	26.98 -0.03 0.00	26.99 0.11 0.00	26.44 -0.03 0.00	26.37 -0.11 0.00	26.38 -0.19 0.00	26.93 -0.14 0.00	34.02 -0.87 0.00	36.29 -1.12 0.00	31.48 -0.41 0.00	29.84 -0.39 0.00	28.38 -0.11 0.00	26.83 -0.08 0.00	26.33 0.03 0.00	25.81 -0.08 0.00
VALLEY___115KV_TB 1-4 80826	32.13 -0.16 0.00	30.46 -0.15 0.00	27.75 -0.11 0.00	27.41 -0.08 0.00	26.94 -0.08 0.00	27.97 -0.08 0.00	31.55 -0.06 0.00	34.29 -0.03 0.00	33.47 0.00 0.00	32.61 0.00 0.00	27.07 0.05 0.00	26.94 0.05 0.00	26.54 0.08 0.00	26.55 0.08 0.00	26.62 0.05 0.00	27.14 0.08 0.00	35.00 0.10 0.00	37.48 0.07 0.00	31.89 0.00 0.00	30.21 -0.03 0.00	28.43 -0.06 0.00	26.86 -0.05 0.00	26.22 -0.08 0.00	25.81 -0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.20 1.91 0.00	32.35 1.74 0.00	29.42 1.56 0.00	29.03 1.54 0.00	28.56 1.54 0.00	29.68 1.63 0.00	33.57 1.96 0.00	36.56 2.23 0.00	35.75 2.28 0.00	34.83 2.22 0.00	28.88 1.86 0.00	28.66 1.77 0.00	28.13 1.67 0.00	28.17 1.69 0.00	28.19 1.62 0.00	28.85 1.79 0.00	37.27 2.37 0.00	39.80 2.39 0.00	33.94 2.04 0.00	32.17 1.94 0.00	30.26 1.77 0.00	28.52 1.61 0.00	27.80 1.50 0.00	27.25 1.37 0.00

VISCHER___FERRY HYD 24020	33.36 1.06 0.00	31.68 1.07 0.00	28.83 0.97 0.00	28.46 0.96 0.00	27.86 0.84 0.00	28.90 0.84 0.00	32.65 1.04 0.00	35.42 1.10 0.00	34.54 1.07 0.00	33.62 1.01 0.00	27.69 0.68 0.00	27.56 0.67 0.00	27.18 0.71 0.00	27.19 0.72 0.00	27.31 0.74 0.00	27.79 0.73 0.00	35.98 1.08 0.00	38.68 1.27 0.00	32.76 0.86 0.00	31.05 0.82 0.00	29.32 0.83 0.00	27.74 0.84 0.00	27.06 0.76 0.00	26.53 0.65 0.00
V_A_10_SYNC_DSASP 323832	30.26 -2.03 0.00	28.53 -2.08 0.00	26.05 -1.81 0.00	25.68 -1.82 0.00	25.45 -1.57 0.00	26.54 -1.52 0.00	29.40 -2.21 0.00	31.58 -2.75 0.00	30.79 -2.68 0.00	30.23 -2.38 0.00	25.74 -1.27 0.00	25.57 -1.32 0.00	25.19 -1.27 0.00	25.07 -1.40 0.00	25.16 -1.41 0.00	25.57 -1.49 0.00	32.31 -2.58 0.00	34.38 -3.03 0.00	29.82 -2.07 0.00	28.33 -1.90 0.00	26.92 -1.57 0.00	25.43 -1.48 0.00	24.91 -1.39 0.00	24.64 -1.24 0.00
V_CMM_10_SYNC_DSASP 323787	32.52 0.23 0.00	30.82 0.22 0.00	28.05 0.20 0.00	27.69 0.19 0.00	27.18 0.16 0.00	28.25 0.20 0.00	31.80 0.19 0.00	34.57 0.24 0.00	33.67 0.20 0.00	32.81 0.20 0.00	27.17 0.16 0.00	27.05 0.16 0.00	26.62 0.16 0.00	26.66 0.19 0.00	26.70 0.13 0.00	27.22 0.16 0.00	35.11 0.21 0.00	37.64 0.23 0.00	32.09 0.19 0.00	30.39 0.15 0.00	28.63 0.14 0.00	27.02 0.11 0.00	26.41 0.11 0.00	25.96 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	33.59 1.29 0.00	31.80 1.19 0.00	28.94 1.09 0.00	28.51 1.02 0.00	28.05 1.03 0.00	29.15 1.09 0.00	32.84 1.23 0.00	35.73 1.41 0.00	34.84 1.37 0.00	33.91 1.31 0.00	28.09 1.08 0.00	27.93 1.05 0.00	27.47 1.01 0.00	27.56 1.09 0.00	27.58 1.01 0.00	28.14 1.08 0.00	36.29 1.40 0.00	38.91 1.50 0.00	33.20 1.31 0.00	31.42 1.18 0.00	29.60 1.11 0.00	27.85 0.94 0.00	27.19 0.89 0.00	26.74 0.85 0.00
V_D_10_SYNC_DSASP 323841	32.74 0.45 0.00	31.04 0.43 0.00	28.25 0.39 0.00	27.85 0.36 0.00	27.37 0.35 0.00	28.42 0.36 0.00	32.02 0.41 0.00	34.81 0.48 0.00	33.90 0.43 0.00	33.03 0.42 0.00	27.36 0.35 0.00	27.23 0.35 0.00	26.78 0.32 0.00	26.84 0.37 0.00	26.89 0.32 0.00	27.41 0.35 0.00	35.35 0.45 0.00	37.90 0.49 0.00	32.31 0.41 0.00	30.60 0.36 0.00	28.83 0.34 0.00	27.18 0.27 0.00	26.56 0.26 0.00	26.12 0.23 0.00
V_E_10_SYNC_DSASP 323830	35.13 2.84 0.00	33.15 2.54 0.00	30.11 2.26 0.00	29.72 2.23 0.00	29.32 2.30 0.00	30.52 2.47 0.00	34.58 2.97 0.00	37.69 3.37 0.00	36.82 3.35 0.00	35.84 3.23 0.00	29.90 2.89 0.00	29.52 2.64 0.00	28.84 2.38 0.00	28.86 2.38 0.00	28.88 2.31 0.00	29.74 2.68 0.00	38.53 3.63 0.00	41.00 3.59 0.00	35.02 3.13 0.00	33.20 2.96 0.00	31.29 2.79 0.00	29.22 2.31 0.00	28.38 2.08 0.00	27.85 1.97 0.00
V_F_30_NSYNC___DSASP 323816	33.78 1.49 0.00	32.02 1.41 0.00	29.11 1.25 0.00	28.76 1.27 0.00	28.15 1.13 0.00	29.26 1.21 0.00	33.07 1.45 0.00	35.94 1.61 0.00	35.08 1.61 0.00	34.11 1.50 0.00	28.12 1.11 0.00	27.99 1.10 0.00	27.57 1.11 0.00	27.56 1.09 0.00	27.68 1.12 0.00	28.22 1.16 0.00	36.61 1.71 0.00	39.24 1.83 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.72 1.22 0.00	28.25 1.34 0.00	27.56 1.26 0.00	27.02 1.14 0.00
V_F_30_SYNC_DSASP 323786	33.03 0.74 0.00	31.47 0.86 0.00	28.72 0.86 0.00	28.37 0.88 0.00	27.80 0.78 0.00	28.84 0.79 0.00	32.50 0.89 0.00	35.22 0.89 0.00	34.14 0.67 0.00	33.26 0.65 0.00	27.39 0.38 0.00	27.26 0.38 0.00	26.89 0.42 0.00	26.87 0.40 0.00	26.99 0.43 0.00	27.47 0.41 0.00	35.56 0.66 0.00	38.20 0.79 0.00	32.40 0.51 0.00	30.69 0.45 0.00	28.95 0.46 0.00	27.37 0.46 0.00	26.72 0.42 0.00	26.22 0.34 0.00
V_XM_10_SYNC_DSASP 323789	33.59 1.29 0.00	31.80 1.19 0.00	28.94 1.09 0.00	28.51 1.02 0.00	28.05 1.03 0.00	29.15 1.09 0.00	32.84 1.23 0.00	35.73 1.41 0.00	34.84 1.37 0.00	33.91 1.31 0.00	28.09 1.08 0.00	27.93 1.05 0.00	27.47 1.01 0.00	27.56 1.09 0.00	27.58 1.01 0.00	28.14 1.08 0.00	36.29 1.40 0.00	38.91 1.50 0.00	33.20 1.31 0.00	31.42 1.18 0.00	29.60 1.11 0.00	27.85 0.94 0.00	27.19 0.89 0.00	26.74 0.85 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.84 1.55 0.00	31.96 1.35 0.00	29.08 1.23 0.00	28.70 1.21 0.00	28.18 1.16 0.00	29.26 1.21 0.00	33.04 1.42 0.00	35.91 1.58 0.00	35.04 1.57 0.00	34.11 1.50 0.00	28.09 1.08 0.00	27.96 1.08 0.00	27.55 1.08 0.00	27.51 1.03 0.00	27.68 1.12 0.00	28.14 1.08 0.00	36.47 1.57 0.00	39.17 1.76 0.00	33.43 1.53 0.00	31.69 1.45 0.00	29.72 1.23 0.00	28.15 1.24 0.00	27.46 1.16 0.00	26.87 0.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.07 1.78 0.00	32.14 1.53 0.00	29.25 1.39 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.19 1.58 0.00	36.11 1.78 0.00	35.24 1.77 0.00	34.37 1.76 0.00	28.28 1.27 0.00	28.15 1.26 0.00	27.76 1.30 0.00	27.72 1.24 0.00	27.90 1.33 0.00	28.31 1.24 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.86 1.37 0.00	28.28 1.37 0.00	27.59 1.29 0.00	27.00 1.11 0.00
W50THST__13_KV_LOAD 356117	34.20 1.91 0.00	32.26 1.65 0.00	29.36 1.50 0.00	28.98 1.48 0.00	28.42 1.41 0.00	29.57 1.51 0.00	33.35 1.74 0.00	36.25 1.92 0.00	35.41 1.94 0.00	34.50 1.89 0.00	28.39 1.38 0.00	28.28 1.40 0.00	27.89 1.43 0.00	27.85 1.38 0.00	28.00 1.43 0.00	28.41 1.35 0.00	36.85 1.95 0.00	39.54 2.13 0.00	33.78 1.88 0.00	32.02 1.78 0.00	29.97 1.48 0.00	28.42 1.51 0.00	27.72 1.42 0.00	27.13 1.24 0.00
WADING RIVER_IC_1 23522	47.88 3.13 -12.46	46.46 2.97 -12.88	41.98 2.65 -11.47	38.28 2.58 -8.20	39.78 2.48 -10.28	42.20 2.64 -11.51	42.84 3.04 -8.19	47.95 3.33 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.86 2.29 -5.55	33.79 2.31 -4.59	33.16 2.28 -4.42	33.27 2.28 -4.52	34.13 2.34 -5.22	34.90 2.38 -5.45	42.16 3.35 -3.91	53.77 3.67 -12.69	47.53 3.22 -12.42	43.03 2.99 -9.80	39.78 2.65 -8.64	39.08 2.53 -9.64	35.33 2.34 -6.69	33.85 2.15 -5.82
WADING RIVER_IC_2 23547	47.88 3.13 -12.46	46.46 2.97 -12.88	41.98 2.65 -11.47	38.28 2.58 -8.20	39.78 2.48 -10.28	42.20 2.64 -11.51	42.84 3.04 -8.19	47.95 3.33 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.86 2.29 -5.55	33.79 2.31 -4.59	33.16 2.28 -4.42	33.27 2.28 -4.52	34.13 2.34 -5.22	34.90 2.38 -5.45	42.16 3.35 -3.91	53.77 3.67 -12.69	47.53 3.22 -12.42	43.03 2.99 -9.80	39.78 2.65 -8.64	39.08 2.53 -9.64	35.33 2.34 -6.69	33.85 2.15 -5.82
WADING RIVER_IC_3 23601	47.88 3.13 -12.46	46.46 2.97 -12.88	41.98 2.65 -11.47	38.28 2.58 -8.20	39.78 2.48 -10.28	42.20 2.64 -11.51	42.84 3.04 -8.19	47.95 3.33 -10.29	49.56 3.25 -12.84	42.18 3.03 -6.54	34.86 2.29 -5.55	33.79 2.31 -4.59	33.16 2.28 -4.42	33.27 2.28 -4.52	34.13 2.34 -5.22	34.90 2.38 -5.45	42.16 3.35 -3.91	53.77 3.67 -12.69	47.53 3.22 -12.42	43.03 2.99 -9.80	39.78 2.65 -8.64	39.08 2.53 -9.64	35.33 2.34 -6.69	33.85 2.15 -5.82

WALDENNY_12_KV_BK2 80841	30.61 -1.68 0.00	29.20 -1.41 0.00	26.60 -1.25 0.00	26.23 -1.26 0.00	26.07 -0.95 0.00	27.05 -1.01 0.00	29.97 -1.64 0.00	32.40 -1.92 0.00	31.56 -1.91 0.00	30.81 -1.79 0.00	26.26 -0.76 0.00	26.32 -0.56 0.00	25.77 -0.69 0.00	25.76 -0.71 0.00	25.72 -0.85 0.00	26.25 -0.81 0.00	33.05 -1.85 0.00	35.20 -2.21 0.00	30.62 -1.28 0.00	29.03 -1.21 0.00	27.64 -0.85 0.00	26.10 -0.81 0.00	25.64 -0.66 0.00	25.24 -0.65 0.00
WALDEN___HYDRO 24148	33.78 1.49 0.00	31.99 1.38 0.00	29.08 1.22 0.00	28.70 1.21 0.00	28.15 1.13 0.00	29.23 1.18 0.00	33.00 1.39 0.00	35.87 1.55 0.00	34.98 1.51 0.00	34.01 1.40 0.00	27.93 0.92 0.00	27.82 0.94 0.00	27.41 0.95 0.00	27.40 0.93 0.00	27.55 0.98 0.00	28.06 1.00 0.00	36.47 1.57 0.00	39.17 1.76 0.00	33.39 1.50 0.00	31.63 1.39 0.00	29.69 1.20 0.00	28.07 1.16 0.00	27.35 1.05 0.00	26.76 0.88 0.00
WARRENSBURG___ 23737	33.39 1.10 0.00	31.68 1.07 0.00	28.78 0.92 0.00	28.43 0.94 0.00	27.83 0.81 0.00	28.98 0.92 0.00	32.75 1.14 0.00	35.66 1.34 0.00	34.88 1.41 0.00	33.91 1.31 0.00	27.93 0.92 0.00	27.77 0.89 0.00	27.39 0.93 0.00	27.32 0.85 0.00	27.47 0.90 0.00	28.01 0.95 0.00	36.36 1.47 0.00	38.98 1.57 0.00	32.98 1.09 0.00	31.29 1.06 0.00	29.46 0.97 0.00	28.50 1.59 0.00	27.77 1.47 0.00	27.18 1.29 0.00
WATERSIDE___6 8 9 23538	34.10 1.81 0.00	32.14 1.53 0.00	29.28 1.42 0.00	28.87 1.37 0.00	28.32 1.30 0.00	29.46 1.40 0.00	33.16 1.55 0.00	36.04 1.72 0.00	35.24 1.77 0.00	34.34 1.73 0.00	28.28 1.27 0.00	28.15 1.26 0.00	27.79 1.32 0.00	27.74 1.27 0.00	27.90 1.33 0.00	28.28 1.22 0.00	36.71 1.81 0.00	39.39 1.98 0.00	33.65 1.75 0.00	31.90 1.66 0.00	29.83 1.34 0.00	28.31 1.40 0.00	27.61 1.31 0.00	27.05 1.16 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.32 0.03 0.00	30.64 0.03 0.00	27.89 0.03 0.00	27.52 0.03 0.00	27.05 0.03 0.00	28.08 0.03 0.00	31.68 0.06 0.00	34.43 0.10 0.00	33.57 0.10 0.00	32.71 0.10 0.00	27.09 0.08 0.00	26.97 0.08 0.00	26.57 0.11 0.00	26.58 0.11 0.00	26.65 0.08 0.00	27.17 0.11 0.00	35.07 0.17 0.00	37.56 0.15 0.00	31.99 0.10 0.00	30.30 0.06 0.00	28.55 0.06 0.00	26.94 0.03 0.00	26.33 0.03 0.00	25.88 0.00 0.00
WATSON___69_KV_BK 1 55734	48.14 3.39 -12.46	46.55 3.06 -12.88	42.06 2.73 -11.47	38.36 2.67 -8.20	39.89 2.59 -10.28	42.31 2.75 -11.51	42.93 3.13 -8.19	48.05 3.43 -10.29	49.69 3.38 -12.84	42.28 3.13 -6.54	35.02 2.46 -5.55	33.90 2.42 -4.59	33.32 2.43 -4.42	33.40 2.41 -4.52	34.26 2.47 -5.22	35.00 2.49 -5.45	42.33 3.52 -3.91	54.00 3.89 -12.69	47.69 3.38 -12.42	43.18 3.14 -9.80	39.92 2.79 -8.64	39.27 2.72 -9.64	35.54 2.55 -6.69	34.06 2.36 -5.82
WDELAWARE___HYD 323627	34.33 2.04 0.00	32.44 1.84 0.00	29.44 1.59 0.00	29.09 1.59 0.00	28.53 1.51 0.00	29.65 1.60 0.00	33.54 1.93 0.00	36.42 2.09 0.00	35.58 2.11 0.00	34.53 1.92 0.00	28.33 1.32 0.00	28.20 1.32 0.00	27.71 1.24 0.00	27.69 1.22 0.00	27.87 1.30 0.00	28.47 1.41 0.00	37.02 2.13 0.00	39.77 2.36 0.00	33.94 2.04 0.00	32.14 1.91 0.00	30.11 1.62 0.00	28.47 1.56 0.00	27.72 1.42 0.00	27.13 1.24 0.00
WEST BABYLON___IC 23714	47.88 3.13 -12.46	46.31 2.82 -12.88	41.84 2.51 -11.47	38.14 2.45 -8.20	39.68 2.38 -10.28	42.09 2.52 -11.51	42.68 2.88 -8.19	47.78 3.16 -10.29	49.46 3.15 -12.84	42.08 2.93 -6.54	34.86 2.30 -5.55	33.74 2.26 -4.59	33.16 2.28 -4.42	33.24 2.25 -4.52	34.10 2.31 -5.22	34.84 2.33 -5.45	42.05 3.25 -3.91	53.70 3.59 -12.69	47.44 3.38 -12.42	42.94 2.90 -9.80	39.69 2.56 -8.64	39.05 2.50 -9.64	35.35 2.37 -6.69	33.88 2.17 -5.82
WEST CANADA___HYD 24049	32.36 0.06 0.00	30.70 0.09 0.00	27.94 0.08 0.00	27.58 0.08 0.00	27.07 0.05 0.00	28.11 0.06 0.00	31.71 0.10 0.00	34.43 0.10 0.00	33.61 0.13 0.00	32.71 0.10 0.00	27.07 0.05 0.00	26.94 0.05 0.00	26.52 0.05 0.00	26.55 0.08 0.00	26.65 0.08 0.00	27.14 0.08 0.00	35.04 0.14 0.00	37.56 0.15 0.00	31.96 0.06 0.00	30.30 0.06 0.00	28.55 0.06 0.00	26.96 0.05 0.00	26.33 0.03 0.00	25.91 0.03 0.00
WESTERN_NY_WIND 24143	30.84 -1.45 0.00	29.35 -1.25 0.00	26.74 -1.11 0.00	26.37 -1.13 0.00	26.18 -0.84 0.00	27.19 -0.87 0.00	30.25 -1.36 0.00	32.68 -1.65 0.00	31.90 -1.57 0.00	31.11 -1.50 0.00	26.36 -0.65 0.00	26.37 -0.51 0.00	25.80 -0.66 0.00	25.81 -0.66 0.00	25.80 -0.77 0.00	26.38 -0.68 0.00	33.40 -1.50 0.00	35.61 -1.80 0.00	30.91 -0.99 0.00	29.33 -0.91 0.00	27.86 -0.63 0.00	26.24 -0.67 0.00	25.75 -0.55 0.00	25.37 -0.52 0.00
WESTOVER___LESR 323668	32.23 -0.06 0.00	30.58 -0.03 0.00	27.83 -0.03 0.00	27.47 -0.03 0.00	27.10 0.08 0.00	28.11 0.06 0.00	31.61 0.00 0.00	34.36 0.03 0.00	33.47 0.00 0.00	32.61 0.00 0.00	27.23 0.22 0.00	27.13 0.24 0.00	26.62 0.16 0.00	26.61 0.13 0.00	26.70 0.13 0.00	27.22 0.16 0.00	34.90 0.00 0.00	37.37 -0.04 0.00	32.02 0.13 0.00	30.36 0.12 0.00	28.69 0.20 0.00	27.07 0.16 0.00	26.46 0.16 0.00	26.04 0.16 0.00
WETHRSFD_WT_PWR 323626	31.16 -1.13 0.00	29.38 -1.23 0.00	26.80 -1.06 0.00	26.45 -1.04 0.00	26.21 -0.81 0.00	27.33 -0.73 0.00	30.35 -1.27 0.00	32.71 -1.61 0.00	31.86 -1.61 0.00	31.24 -1.37 0.00	26.58 -0.43 0.00	26.35 -0.54 0.00	25.93 -0.53 0.00	25.79 -0.69 0.00	25.90 -0.66 0.00	26.36 -0.70 0.00	33.33 -1.57 0.00	35.43 -1.98 0.00	30.72 -1.18 0.00	29.15 -1.09 0.00	27.69 -0.80 0.00	26.18 -0.73 0.00	25.59 -0.71 0.00	25.24 -0.65 0.00
WHAVSTOR_138KV_BK127 55557	33.71 1.42 0.00	31.86 1.25 0.00	28.97 1.11 0.00	28.59 1.10 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.91 1.30 0.00	35.77 1.44 0.00	34.91 1.44 0.00	33.98 1.37 0.00	27.98 0.97 0.00	27.85 0.97 0.00	27.47 1.01 0.00	27.43 0.95 0.00	27.60 1.04 0.00	28.04 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.60 1.11 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.79 0.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.71 1.42 0.00	31.86 1.25 0.00	28.97 1.11 0.00	28.59 1.10 0.00	28.07 1.05 0.00	29.18 1.12 0.00	32.91 1.30 0.00	35.77 1.44 0.00	34.91 1.44 0.00	33.98 1.37 0.00	27.98 0.97 0.00	27.85 0.97 0.00	27.47 1.01 0.00	27.43 0.95 0.00	27.60 1.04 0.00	28.04 0.97 0.00	36.33 1.43 0.00	39.02 1.61 0.00	33.27 1.37 0.00	31.54 1.30 0.00	29.60 1.11 0.00	28.04 1.13 0.00	27.35 1.05 0.00	26.79 0.91 0.00
WHITEHAL_115KV_TB1 80871	34.13 1.84 0.00	32.26 1.65 0.00	29.31 1.45 0.00	28.92 1.43 0.00	28.37 1.35 0.00	29.54 1.49 0.00	33.45 1.83 0.00	36.42 2.09 0.00	35.65 2.18 0.00	34.66 2.05 0.00	28.52 1.51 0.00	28.36 1.48 0.00	27.94 1.48 0.00	27.82 1.35 0.00	28.00 1.43 0.00	28.58 1.52 0.00	37.20 2.30 0.00	39.84 2.43 0.00	33.68 1.79 0.00	31.93 1.69 0.00	30.06 1.57 0.00	28.31 1.40 0.00	28.22 1.92 0.00	27.62 1.73 0.00

WHITEPLN_13_KV_LOAD 356215	34.23 1.94 0.00	32.32 1.71 0.00	29.39 1.53 0.00	29.01 1.51 0.00	28.45 1.43 0.00	29.60 1.54 0.00	33.38 1.77 0.00	36.32 1.99 0.00	35.48 2.01 0.00	34.56 1.96 0.00	28.42 1.40 0.00	28.31 1.42 0.00	27.92 1.46 0.00	27.88 1.40 0.00	28.06 1.49 0.00	28.50 1.43 0.00	36.95 2.06 0.00	39.73 2.32 0.00	33.90 2.01 0.00	32.11 1.87 0.00	30.09 1.60 0.00	28.44 1.53 0.00	27.75 1.45 0.00	27.15 1.27 0.00
WM_FLOYD_69_KV_BK2 356380	48.01 3.26 -12.46	46.46 2.97 -12.88	41.98 2.65 -11.47	38.28 2.58 -8.20	39.81 2.51 -10.28	42.23 2.67 -11.51	42.84 3.03 -8.19	47.95 3.33 -10.29	49.59 3.28 -12.84	42.12 2.97 -6.54	34.94 2.38 -5.55	33.79 2.31 -4.59	33.21 2.33 -4.42	33.27 2.28 -4.52	34.15 2.36 -5.22	34.92 2.41 -5.45	42.19 3.38 -3.91	53.85 3.74 -12.69	47.60 3.29 -12.42	43.09 3.05 -9.80	39.81 2.68 -8.64	39.21 2.66 -9.64	35.46 2.47 -6.69	33.98 2.28 -5.82
WOODARD__115KV_TB2 355635	31.45 -0.84 0.00	29.87 -0.73 0.00	27.22 -0.64 0.00	26.84 -0.66 0.00	26.43 -0.59 0.00	27.44 -0.62 0.00	30.92 -0.70 0.00	33.57 -0.76 0.00	32.73 -0.74 0.00	31.92 -0.68 0.00	26.55 -0.46 0.00	26.43 -0.46 0.00	25.99 -0.48 0.00	25.97 -0.50 0.00	26.06 -0.50 0.00	26.55 -0.51 0.00	34.09 -0.80 0.00	36.51 -0.90 0.00	31.22 -0.67 0.00	29.63 -0.60 0.00	27.98 -0.51 0.00	26.40 -0.51 0.00	25.80 -0.50 0.00	25.47 -0.41 0.00
YORK____WARBASSE 23770	34.39 2.10 0.00	32.35 1.74 0.00	29.47 1.62 0.00	29.03 1.54 0.00	28.48 1.46 0.00	29.54 1.49 0.00	33.23 1.61 0.00	36.11 1.78 0.00	35.28 1.81 0.00	34.40 1.79 0.00	28.31 1.30 0.00	28.17 1.29 0.00	27.84 1.38 0.00	27.77 1.30 0.00	27.95 1.38 0.00	28.31 1.24 0.00	36.89 1.99 0.00	39.63 2.21 -0.01	80.95 1.91 -47.15	32.09 1.84 -0.01	29.89 1.40 0.00	28.44 1.53 0.00	27.80 1.50 0.00	27.20 1.32 0.00