

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion											
Generator Data		08/24/2024																															
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00								
59TH STREET_GT_1	24138	24.48	23.23	21.28	20.32	20.05	20.25	21.59	20.98	21.06	21.74	23.20	24.47	26.34	27.60	29.58	29.65	36.20	43.66	45.60	41.95	41.48	34.86	30.49	27.18								
		1.25	1.21	1.05	1.00	0.97	1.02	1.03	1.04	1.19	1.25	1.40	1.51	1.93	2.02	2.57	2.60	2.93	3.49	3.34	3.00	2.97	2.37	2.10	1.56								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.57	23.32	21.36	20.40	20.13	20.33	21.67	21.06	21.12	21.83	23.29	24.56	26.43	27.70	29.44	29.76	36.33	43.74	45.69	42.07	41.56	34.96	30.58	27.26								
		1.35	1.30	1.13	1.08	1.05	1.10	1.11	1.12	1.25	1.33	1.48	1.61	2.03	2.12	2.43	2.71	3.06	3.57	3.42	3.12	3.04	2.47	2.19	1.64								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.57	23.32	21.36	20.40	20.13	20.33	21.67	21.06	21.12	21.83	23.29	24.56	26.43	27.70	29.44	29.76	36.33	43.74	45.69	42.07	41.56	34.96	30.58	27.26								
		1.35	1.30	1.13	1.08	1.05	1.10	1.11	1.12	1.25	1.33	1.48	1.61	2.03	2.12	2.43	2.71	3.06	3.57	3.42	3.12	3.04	2.47	2.19	1.64								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.08	23.83	21.85	20.85	20.41	20.56	21.94	21.10	21.16	21.66	22.94	24.17	25.90	27.11	28.88	29.27	36.07	43.26	45.69	42.27	41.94	35.35	30.95	27.67								
		1.86	1.81	1.62	1.53	1.34	1.33	1.38	1.16	1.29	1.17	1.13	1.22	1.49	1.53	1.86	2.22	2.79	3.09	3.42	3.31	3.43	2.86	2.56	2.05								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.22	23.96	21.97	20.96	20.49	20.63	22.04	21.16	21.24	21.74	23.02	24.26	25.99	27.21	29.17	29.44	36.27	43.46	45.94	42.54	42.21	35.54	31.15	27.85								
		2.00	1.94	1.74	1.64	1.41	1.40	1.48	1.22	1.37	1.25	1.22	1.31	1.59	1.64	2.16	2.38	3.00	3.29	3.68	3.58	3.70	3.05	2.75	2.23								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.08	23.83	21.85	20.85	20.41	20.56	21.94	21.10	21.16	21.66	22.94	24.17	25.90	27.11	28.88	29.27	36.07	43.26	45.69	42.27	41.94	35.35	30.95	27.67								
		1.86	1.81	1.62	1.53	1.34	1.33	1.38	1.16	1.29	1.17	1.13	1.22	1.49	1.53	1.86	2.22	2.79	3.09	3.42	3.31	3.43	2.86	2.56	2.05								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.43	23.21	21.36	20.40	20.14	20.21	21.55	20.94	20.92	21.44	22.65	23.87	25.58	26.70	28.55	28.57	35.20	42.45	44.63	41.41	40.94	34.28	29.95	26.80								
		1.21	1.19	1.13	1.08	1.07	0.98	0.99	1.00	1.05	0.94	0.85	0.92	1.17	1.12	1.54	1.51	1.93	2.29	2.37	2.46	2.43	1.79	1.56	1.18								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
AIR_PRODUCTS___DRP	24190	23.53	22.37	20.78	19.90	19.59	19.71	20.99	20.36	20.36	20.76	22.00	23.16	24.75	25.86	27.44	27.68	34.04	40.93	43.03	39.77	39.32	33.08	28.90	25.87								
		0.30	0.35	0.55	0.58	0.52	0.48	0.43	0.42	0.50	0.27	0.20	0.21	0.34	0.28	0.43	0.62	0.77	0.76	0.76	0.82	0.81	0.58	0.51	0.26								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.92	21.76	19.99	19.11	18.90	19.06	20.35	19.74	19.69	20.35	21.65	22.79	24.21	25.37	26.85	26.57	32.71	39.48	41.67	38.37	37.97	31.97	27.97	25.49								
		-0.30	-0.26	-0.24	-0.21	-0.17	-0.17	-0.21	-0.20	-0.18	-0.14	-0.15	-0.16	-0.20	-0.20	-0.16	-0.49	-0.57	-0.68	-0.59	-0.58	-0.54	-0.52	-0.43	-0.13								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	24.02	22.81	21.08	20.17	19.90	20.00	21.32	20.60	20.52	20.92	22.07	23.21	24.80	25.93	27.71	27.89	34.37	41.45	43.78	40.51	40.13	33.79	29.50	26.44								
		0.79	0.79	0.85	0.85	0.82	0.77	0.76	0.66	0.65	0.43	0.26	0.25	0.39	0.36	0.70	0.84	1.10	1.28	1.52	1.56	1.62	1.30	1.11	0.82								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY_2_SOLAR	323834	24.02	22.81	21.08	20.17	19.88	20.00	21.32	20.60	20.52	20.90	22.07	23.21	24.80	25.93	27.71	27.86	34.37	41.45	43.78	40.51	40.13	33.79	29.47	26.44								
		0.79	0.79	0.85	0.85	0.80	0.77	0.76	0.66	0.65	0.41	0.26	0.25	0.39	0.36	0.70	0.81	1.10	1.28	1.52	1.56	1.62	1.30	1.08	0.82								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
ALBANY___1	23571	23.53	22.37	20.78	19.90	19.59	19.71	20.99	20.36	20.36	20.76	22.00	23.16	24.75	25.86	27.44	27.68	34.04	40.93	43.03	39.77	39.32	33.08	28.90	25.87								
		0.30	0.35	0.55	0.58	0.52	0.48	0.43	0.42	0.50	0.27	0.20	0.21	0.34	0.28	0.43	0.62	0.77	0.76	0.76	0.82	0.81	0.58	0.51	0.26								
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.53 0.30 0.00	22.37 0.35 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.59 0.52 0.00	19.71 0.48 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.36 0.50 0.00	20.76 0.27 0.00	22.00 0.20 0.00	23.16 0.21 0.00	24.75 0.34 0.00	25.86 0.28 0.00	27.44 0.43 0.00	27.68 0.62 0.00	34.04 0.77 0.00	40.93 0.76 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.32 0.81 0.00	33.08 0.58 0.00	28.90 0.51 0.00	25.87 0.26 0.00
ALBANY___3 23573	23.53 0.30 0.00	22.37 0.35 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.59 0.52 0.00	19.71 0.48 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.36 0.50 0.00	20.76 0.27 0.00	22.00 0.20 0.00	23.16 0.21 0.00	24.75 0.34 0.00	25.86 0.28 0.00	27.44 0.43 0.00	27.68 0.62 0.00	34.04 0.77 0.00	40.93 0.76 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.32 0.81 0.00	33.08 0.58 0.00	28.90 0.51 0.00	25.87 0.26 0.00
ALBANY___4 23574	23.53 0.30 0.00	22.37 0.35 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.59 0.52 0.00	19.71 0.48 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.36 0.50 0.00	20.76 0.27 0.00	22.00 0.20 0.00	23.16 0.21 0.00	24.75 0.34 0.00	25.86 0.28 0.00	27.44 0.43 0.00	27.68 0.62 0.00	34.04 0.77 0.00	40.93 0.76 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.32 0.81 0.00	33.08 0.58 0.00	28.90 0.51 0.00	25.87 0.26 0.00
ALBANY___LFGE 323615	23.78 0.56 0.00	22.59 0.57 0.00	20.94 0.71 0.00	20.04 0.72 0.00	19.74 0.67 0.00	19.86 0.63 0.00	21.17 0.62 0.00	20.50 0.56 0.00	20.52 0.65 0.00	20.96 0.47 0.00	22.20 0.39 0.00	23.39 0.44 0.00	24.99 0.58 0.00	26.11 0.54 0.00	27.90 0.89 0.00	28.00 0.95 0.00	34.40 1.13 0.00	41.37 1.20 0.00	43.49 1.23 0.00	40.20 1.25 0.00	39.78 1.27 0.00	33.47 0.97 0.00	29.19 0.79 0.00	26.16 0.54 0.00
ALCOA_PA_115KV_PL-6C 55860	22.99 -0.23 0.00	21.84 -0.18 0.00	20.05 -0.18 0.00	19.17 -0.15 0.00	19.00 -0.08 0.00	19.17 -0.06 0.00	20.46 -0.10 0.00	19.84 -0.10 0.00	19.77 -0.10 0.00	20.45 -0.04 0.00	21.76 -0.04 0.00	22.93 -0.02 0.00	24.34 -0.07 0.00	25.50 -0.08 0.00	26.99 -0.03 0.00	26.70 -0.35 0.00	32.91 -0.37 0.00	39.72 -0.44 0.00	41.97 -0.30 0.00	38.64 -0.31 0.00	38.21 -0.31 0.00	32.17 -0.32 0.00	28.14 -0.26 0.00	25.67 0.05 0.00
ALCOA_RYNLDS___DRP 24188	22.99 -0.23 0.00	21.84 -0.18 0.00	20.05 -0.18 0.00	19.17 -0.15 0.00	19.00 -0.08 0.00	19.17 -0.06 0.00	20.46 -0.10 0.00	19.84 -0.10 0.00	19.77 -0.10 0.00	20.45 -0.04 0.00	21.76 -0.04 0.00	22.93 -0.02 0.00	24.34 -0.07 0.00	25.50 -0.08 0.00	26.99 -0.03 0.00	26.70 -0.35 0.00	32.91 -0.37 0.00	39.72 -0.44 0.00	41.97 -0.30 0.00	38.64 -0.31 0.00	38.21 -0.31 0.00	32.17 -0.32 0.00	28.14 -0.26 0.00	25.67 0.05 0.00
ALCOA___DSASP 323711	22.99 -0.23 0.00	21.84 -0.18 0.00	20.05 -0.18 0.00	19.17 -0.16 0.00	19.00 -0.08 0.00	19.17 -0.06 0.00	20.46 -0.10 0.00	19.84 -0.10 0.00	19.77 -0.10 0.00	20.45 -0.04 0.00	21.76 -0.04 0.00	22.93 -0.02 0.00	24.34 -0.07 0.00	25.50 -0.08 0.00	26.63 -0.38 0.00	26.68 -0.38 0.00	32.91 -0.37 0.00	39.72 -0.44 0.00	41.97 -0.29 0.00	38.64 -0.31 0.00	38.20 -0.31 0.00	32.20 -0.29 0.00	28.14 -0.26 0.00	25.67 0.05 0.00
ALLEGHENY___COGEN 23514	23.81 0.58 0.00	22.22 0.20 0.00	20.41 0.18 0.00	19.46 0.14 0.00	19.21 0.13 0.00	19.40 0.17 0.00	20.89 0.33 0.00	20.12 0.18 0.00	19.55 -0.32 0.00	20.06 -0.43 0.00	21.43 -0.37 0.00	22.61 -0.34 0.00	23.92 -0.49 0.00	25.17 -0.41 0.00	26.58 -0.43 0.00	26.48 -0.57 0.00	32.74 -0.53 0.00	39.14 -0.56 0.46	42.23 0.26 0.29	38.79 0.47 0.63	38.80 0.81 0.52	33.89 1.40 0.00	29.50 1.11 0.00	26.39 0.77 0.00
ALTAMONT_115KV_TB 2 55880	23.81 0.58 0.00	22.62 0.59 0.00	20.84 0.61 0.00	19.92 0.60 0.00	19.65 0.57 0.00	19.79 0.56 0.00	21.09 0.53 0.00	20.44 0.50 0.00	20.42 0.56 0.00	20.94 0.45 0.00	22.22 0.41 0.00	23.39 0.44 0.00	25.02 0.61 0.00	26.16 0.59 0.00	27.77 0.76 0.00	28.00 0.95 0.00	34.40 1.13 0.00	41.37 1.20 0.00	43.49 1.23 0.00	40.16 1.21 0.00	39.75 1.23 0.00	33.47 0.97 0.00	29.24 0.85 0.00	26.18 0.56 0.00
ALTONA_WT_PWR 323606	23.07 -0.16 0.00	21.91 -0.11 0.00	20.11 -0.12 0.00	19.22 -0.10 0.00	19.06 -0.02 0.00	19.27 0.04 0.00	20.58 0.02 0.00	20.02 0.08 0.00	20.05 0.18 0.00	20.53 0.04 0.00	21.87 0.07 0.00	23.07 0.12 0.00	24.46 0.05 0.00	25.63 0.05 0.00	26.77 -0.24 0.00	26.84 -0.22 0.00	33.20 -0.07 0.00	40.20 0.04 0.00	43.28 1.01 0.00	39.69 0.74 0.00	39.21 0.69 0.00	32.95 0.45 0.00	28.76 0.37 0.00	26.18 0.56 0.00
AMERICAN_REF_FUEL 24010	22.25 -0.97 0.00	20.61 -1.41 0.00	19.02 -1.21 0.00	18.14 -1.18 0.00	17.89 -1.18 0.00	18.15 -1.08 0.00	19.70 -0.86 0.00	19.03 -0.92 0.00	18.62 -1.25 0.00	19.33 -1.17 0.00	21.00 -0.81 0.00	22.17 -0.78 0.00	23.38 -1.02 0.00	24.76 -0.82 0.00	26.07 -0.95 0.00	25.76 -1.30 0.00	31.64 -1.63 0.00	36.79 -2.85 0.52	39.27 -2.66 0.33	35.19 -3.04 0.72	34.95 -2.96 0.60	30.87 -1.62 0.00	26.95 -1.45 0.00	24.39 -1.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.25 0.02 0.00	21.56 -0.46 0.00	19.85 -0.39 0.00	18.93 -0.39 0.00	18.66 -0.42 0.00	18.92 -0.31 0.00	20.50 -0.06 0.00	19.82 -0.12 0.00	19.45 -0.42 0.00	20.25 -0.25 0.00	22.00 0.20 0.00	23.34 0.39 0.00	24.70 0.29 0.00	26.19 0.61 0.00	27.55 0.54 0.00	27.30 0.24 0.00	33.54 0.26 0.00	39.21 -0.48 0.47	41.72 -0.25 0.30	37.06 -1.25 0.65	36.67 -1.31 0.54	32.59 0.10 0.00	28.48 0.09 0.00	25.67 0.05 0.00
ARTHUR KILL_GT_1 23520	24.47 1.25 0.01	23.25 1.23 0.01	21.27 1.05 0.01	20.28 0.97 0.01	20.00 0.93 0.01	20.18 0.96 0.01	21.50 0.95 0.01	20.89 0.96 0.01	20.97 1.11 0.01	21.71 1.23 0.01	23.23 1.44 0.01	24.46 1.51 0.01	26.38 1.98 0.01	27.67 2.10 0.01	29.71 2.70 0.01	29.81 2.76 0.01	36.29 3.03 0.01	43.77 3.62 0.01	45.68 3.42 0.01	41.99 3.04 0.01	41.51 3.01 0.01	34.92 2.44 0.01	30.35 1.96 0.00	27.10 1.49 0.00
ARTHUR_KILL_2 23512	24.40 1.18 0.01	23.18 1.17 0.01	21.21 0.99 0.01	20.24 0.93 0.01	19.95 0.88 0.01	20.13 0.90 0.01	21.43 0.88 0.01	20.83 0.90 0.01	20.93 1.07 0.01	21.65 1.17 0.01	23.15 1.35 0.01	24.39 1.45 0.01	26.31 1.91 0.01	27.56 2.00 0.01	29.60 2.59 0.01	29.70 2.65 0.01	36.16 2.89 0.01	43.61 3.45 0.01	45.51 3.25 0.01	41.83 2.88 0.01	41.36 2.85 0.01	34.82 2.34 0.01	30.27 1.87 0.00	27.00 1.38 0.00
ARTHUR_KILL_3 23513	24.30 1.07 0.00	23.06 1.04 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.91 0.84 0.00	20.12 0.89 0.00	21.42 0.86 0.00	20.82 0.88 0.00	20.90 1.03 0.00	21.58 1.09 0.00	23.02 1.22 0.00	24.28 1.33 0.00	26.14 1.73 0.00	27.39 1.82 0.00	29.36 2.35 0.00	29.46 2.41 0.00	35.93 2.66 0.00	43.21 3.05 0.00	45.14 2.88 0.00	41.56 2.61 0.00	41.09 2.58 0.00	34.60 2.11 0.00	30.30 1.90 0.00	27.03 1.41 0.00

ARTHUR_KILL_COGEN 323718	24.47 1.25 0.01	23.25 1.23 0.01	21.27 1.05 0.01	20.28 0.97 0.01	20.00 0.93 0.01	20.18 0.96 0.01	21.50 0.95 0.01	20.89 0.96 0.01	20.97 1.11 0.01	21.71 1.23 0.01	23.23 1.44 0.01	24.46 1.51 0.01	26.38 1.98 0.01	27.67 2.10 0.01	29.71 2.70 0.01	29.81 2.76 0.01	36.29 3.03 0.01	43.77 3.62 0.01	45.68 3.42 0.01	41.99 3.04 0.01	41.51 3.01 0.01	34.92 2.44 0.01	30.35 1.96 0.00	27.10 1.49 0.00
ASHOKAN____ 23654	24.06 0.83 0.00	22.84 0.82 0.00	21.04 0.81 0.00	20.15 0.83 0.00	19.86 0.78 0.00	19.90 0.67 0.00	21.17 0.62 0.00	20.42 0.48 0.00	20.40 0.54 0.00	20.82 0.33 0.00	21.94 0.13 0.00	23.02 0.07 0.00	24.80 0.39 0.00	25.98 0.41 0.00	27.96 0.94 0.00	28.16 1.11 0.00	34.64 1.36 0.00	41.97 1.81 0.00	44.29 2.03 0.00	41.02 2.06 0.00	40.63 2.12 0.00	34.08 1.59 0.00	29.76 1.36 0.00	26.62 1.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	24.55 1.32 0.00	23.28 1.25 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.51 0.95 0.00	20.89 0.96 0.01	20.95 1.09 0.01	21.67 1.19 0.01	23.15 1.35 0.01	24.37 1.42 0.01	26.25 1.85 0.01	27.52 1.94 0.00	29.55 2.54 0.00	29.65 2.60 0.00	36.02 2.76 0.01	43.45 3.29 0.01	45.34 3.08 0.01	41.71 2.77 0.01	41.24 2.73 0.01	34.69 2.21 0.01	30.46 2.07 0.00	27.21 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	24.55 1.32 0.00	23.28 1.25 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.51 0.95 0.00	20.89 0.96 0.01	20.95 1.09 0.01	21.67 1.19 0.01	23.15 1.35 0.01	24.37 1.42 0.01	26.25 1.85 0.01	27.52 1.94 0.00	29.55 2.54 0.00	29.65 2.60 0.00	36.06 2.80 0.01	43.45 3.29 0.01	45.34 3.08 0.01	41.71 2.77 0.01	41.24 2.73 0.01	34.69 2.21 0.01	30.46 2.07 0.00	27.21 1.59 0.00
ASTORIA_GT2_1 24094	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT2_2 24095	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT2_3 24096	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT2_4 24097	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT3_1 24098	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT3_2 24099	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT3_3 24100	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT3_4 24101	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT4_1 24102	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT4_2 24103	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT4_3 24104	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00

ASTORIA_GT4_4 24105	24.55 1.32 0.00	23.28 1.26 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.49 2.10 0.00	27.21 1.59 0.00
ASTORIA_GT_1 23523	24.60 1.37 0.00	23.32 1.30 0.00	21.40 1.17 0.00	20.40 1.08 0.00	20.12 1.05 0.00	20.27 1.04 0.00	21.55 0.99 0.00	20.93 1.00 0.01	20.99 1.13 0.01	21.71 1.23 0.01	23.19 1.40 0.01	24.41 1.47 0.01	26.31 1.91 0.01	27.57 2.00 0.00	29.63 2.62 0.00	29.73 2.68 0.00	36.12 2.86 0.01	43.53 3.37 0.01	45.47 3.21 0.01	41.83 2.88 0.01	41.36 2.85 0.01	34.79 2.31 0.01	30.52 2.13 0.00	27.26 1.64 0.00
ASTORIA_GT_10 24110	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.31 2.30 0.00	29.62 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.15 1.54 0.00
ASTORIA_GT_11 24225	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.31 2.30 0.00	29.62 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.15 1.54 0.00
ASTORIA_GT_12 24226	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.31 2.30 0.00	29.62 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.15 1.54 0.00
ASTORIA_GT_13 24227	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.31 2.30 0.00	29.62 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.15 1.54 0.00
ASTORIA_GT_5 24106	24.60 1.37 0.00	23.32 1.30 0.00	21.40 1.17 0.00	20.40 1.08 0.00	20.13 1.05 0.00	20.27 1.04 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.42 1.47 0.00	26.31 1.90 0.00	27.57 1.99 0.00	29.39 2.38 0.00	29.71 2.65 0.00	36.13 2.86 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.55 2.16 0.00	27.26 1.64 0.00
ASTORIA_GT_7 24107	24.60 1.37 0.00	23.32 1.30 0.00	21.40 1.17 0.00	20.40 1.08 0.00	20.13 1.05 0.00	20.27 1.04 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.42 1.47 0.00	26.31 1.90 0.00	27.57 1.99 0.00	29.39 2.38 0.00	29.71 2.65 0.00	36.13 2.86 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.55 2.16 0.00	27.26 1.64 0.00
ASTORIA_GT_8 24108	24.60 1.37 0.00	23.32 1.30 0.00	21.40 1.17 0.00	20.40 1.08 0.00	20.13 1.05 0.00	20.27 1.04 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.42 1.47 0.00	26.31 1.90 0.00	27.57 1.99 0.00	29.39 2.38 0.00	29.71 2.65 0.00	36.13 2.86 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.55 2.16 0.00	27.26 1.64 0.00
ASTORIA___2 24149	24.55 1.32 0.00	23.28 1.25 0.00	21.38 1.15 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.89 0.96 0.01	20.97 1.11 0.01	21.67 1.19 0.01	23.15 1.35 0.01	24.39 1.45 0.01	26.25 1.85 0.01	27.52 1.94 0.00	29.58 2.57 0.00	29.68 2.62 0.00	36.06 2.80 0.01	43.45 3.29 0.01	45.38 3.13 0.01	41.75 2.81 0.01	41.28 2.77 0.01	34.72 2.24 0.01	30.46 2.07 0.00	27.21 1.59 0.00
ASTORIA___3 23516	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.55 2.54 0.00	29.63 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.41 2.02 0.00	27.15 1.54 0.00
ASTORIA___4 23517	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.31 2.30 0.00	29.62 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.15 1.54 0.00
ASTORIA___5 23518	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.55 2.54 0.00	29.63 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.41 2.02 0.00	27.15 1.54 0.00
AST_ENERGY_2_CC3 323677	24.34 1.11 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.88 0.94 0.00	20.96 1.09 0.00	21.62 1.13 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.19 1.78 0.00	27.42 1.84 0.00	29.39 2.38 0.00	29.49 2.44 0.00	35.96 2.69 0.00	43.33 3.17 0.00	45.31 3.04 0.00	41.68 2.73 0.00	41.21 2.70 0.00	34.67 2.18 0.00	30.32 1.93 0.00	27.05 1.43 0.00
AST_ENERGY_2_CC4 323678	24.34 1.11 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.88 0.94 0.00	20.96 1.09 0.00	21.62 1.13 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.19 1.78 0.00	27.42 1.84 0.00	29.39 2.38 0.00	29.49 2.44 0.00	35.96 2.69 0.00	43.33 3.17 0.00	45.31 3.04 0.00	41.68 2.73 0.00	41.21 2.70 0.00	34.67 2.18 0.00	30.32 1.93 0.00	27.05 1.43 0.00

ATHENS_STG_1 23668	23.83 0.60 0.00	22.62 0.59 0.00	20.80 0.57 0.00	19.86 0.54 0.00	19.59 0.52 0.00	19.73 0.50 0.00	21.05 0.49 0.00	20.42 0.48 0.00	20.42 0.56 0.00	21.01 0.51 0.00	22.31 0.50 0.00	23.50 0.55 0.00	25.19 0.78 0.00	26.37 0.79 0.00	28.15 1.13 0.00	28.22 1.16 0.00	34.64 1.36 0.00	41.69 1.53 0.00	43.74 1.48 0.00	40.36 1.40 0.00	39.90 1.38 0.00	33.56 1.07 0.00	29.33 0.94 0.00	26.26 0.64 0.00
ATHENS_STG_2 23670	23.83 0.60 0.00	22.62 0.59 0.00	20.80 0.57 0.00	19.86 0.54 0.00	19.59 0.52 0.00	19.73 0.50 0.00	21.05 0.49 0.00	20.42 0.48 0.00	20.42 0.56 0.00	21.01 0.51 0.00	22.31 0.50 0.00	23.50 0.55 0.00	25.19 0.78 0.00	26.37 0.79 0.00	28.15 1.13 0.00	28.22 1.16 0.00	34.64 1.36 0.00	41.69 1.53 0.00	43.74 1.48 0.00	40.36 1.40 0.00	39.90 1.38 0.00	33.56 1.07 0.00	29.33 0.94 0.00	26.26 0.64 0.00
ATHENS_STG_3 23677	23.83 0.60 0.00	22.62 0.59 0.00	20.80 0.57 0.00	19.86 0.54 0.00	19.59 0.52 0.00	19.73 0.50 0.00	21.05 0.49 0.00	20.42 0.48 0.00	20.42 0.56 0.00	21.01 0.51 0.00	22.31 0.50 0.00	23.50 0.55 0.00	25.19 0.78 0.00	26.37 0.79 0.00	28.15 1.13 0.00	28.22 1.16 0.00	34.64 1.36 0.00	41.69 1.53 0.00	43.74 1.48 0.00	40.36 1.40 0.00	39.90 1.38 0.00	33.56 1.07 0.00	29.33 0.94 0.00	26.26 0.64 0.00
AUBURN___LFGE 323710	23.37 0.14 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.32 0.00 0.00	19.06 -0.02 0.00	19.23 0.00 0.00	20.64 0.08 0.00	20.04 0.10 0.00	19.83 -0.04 0.00	20.51 0.02 0.00	21.87 0.07 0.00	23.04 0.09 0.00	24.41 0.00 0.00	25.63 0.05 0.00	26.90 -0.11 0.00	27.19 0.14 0.00	33.57 0.30 0.00	40.48 0.32 0.00	42.65 0.38 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.88 0.39 0.00	28.68 0.28 0.00	25.72 0.10 0.00
BABYLON_RES_REC 323704	29.05 1.67 -4.15	25.35 1.61 -1.72	23.85 1.46 -2.16	22.12 1.39 -1.40	20.54 1.35 -0.11	20.95 1.39 -0.34	21.92 1.36 0.00	21.10 1.16 0.00	21.34 1.47 0.00	22.04 1.54 -0.01	31.34 1.68 -7.85	32.95 1.81 -8.19	35.38 2.22 -8.75	39.42 2.12 -11.72	39.97 2.67 -10.28	43.31 2.65 -13.61	62.58 3.03 -26.28	54.36 3.62 -10.58	45.82 3.55 -0.01	45.00 3.23 -2.81	42.26 3.35 -0.40	36.94 2.66 -1.79	33.22 2.56 -2.27	31.41 1.97 -3.82
BABYLON__69_KV_BK2 356345	29.34 1.97 -4.14	25.63 1.89 -1.72	24.09 1.70 -2.15	22.34 1.62 -1.40	20.78 1.60 -0.10	21.19 1.63 -0.33	22.16 1.60 0.00	21.32 1.38 0.00	21.58 1.71 0.00	22.32 1.82 0.00	31.61 1.96 -7.85	33.29 2.16 -8.18	35.77 2.61 -8.75	40.08 2.79 -11.71	40.44 3.16 -10.27	44.09 3.44 -13.60	63.54 3.99 -26.28	55.52 4.78 -10.57	47.00 4.73 0.00	46.08 4.32 -2.81	43.25 4.35 -0.39	37.72 3.44 -1.78	33.67 3.01 -2.27	31.74 2.31 -3.81
BALL_HILL_WT_PWR 323825	22.92 -0.30 0.00	21.27 -0.75 0.00	19.60 -0.63 0.00	18.72 -0.60 0.00	18.45 -0.63 0.00	18.71 -0.52 0.00	20.27 -0.29 0.00	19.58 -0.36 0.00	19.19 -0.68 0.00	19.96 -0.53 0.00	21.65 -0.15 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.70 0.13 0.00	27.07 0.05 0.00	26.78 -0.27 0.00	32.94 -0.33 0.00	38.47 -1.20 0.48	40.94 -1.01 0.31	36.41 -1.87 0.67	36.07 -1.89 0.56	32.04 -0.45 0.00	27.97 -0.43 0.00	25.26 -0.36 0.00
BARON_WINDS___WT_PWR 323822	23.13 -0.09 0.00	21.62 -0.40 0.00	19.89 -0.34 0.00	18.97 -0.35 0.00	18.69 -0.38 0.00	18.94 -0.29 0.00	20.42 -0.14 0.00	19.76 -0.18 0.00	19.43 -0.44 0.00	20.14 -0.35 0.00	21.67 -0.13 0.00	22.93 -0.02 0.00	24.31 -0.10 0.00	25.65 0.08 0.00	27.09 0.08 0.00	26.97 -0.08 0.00	33.17 -0.10 0.00	39.25 -0.56 0.35	41.62 -0.42 0.22	37.50 -0.97 0.48	37.11 -1.00 0.40	32.43 -0.06 0.00	28.34 -0.06 0.00	25.49 -0.13 0.00
BARRETT_IC_1 23704	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_10 23701	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_11 23702	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_12 23703	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_2 23705	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_3 23706	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_4 23707	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82

BARRETT_IC_5 23708	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_6 23709	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_7 23710	28.81 1.44 -4.14	25.12 1.39 -1.72	23.62 1.23 -2.15	21.90 1.18 -1.40	20.32 1.14 -0.10	20.73 1.17 -0.33	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.85 1.35 0.00	31.13 1.48 -7.85	32.69 1.56 -8.18	35.08 1.93 -8.75	39.18 1.89 -11.71	39.45 2.16 -10.27	43.06 2.41 -13.60	62.34 2.79 -26.28	54.03 3.29 -10.57	45.48 3.21 0.00	44.64 2.88 -2.81	41.75 2.85 -0.39	36.68 2.40 -1.78	32.90 2.24 -2.27	31.17 1.74 -3.81
BARRETT_IC_8 23711	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT_IC_9 23700	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT___1 23545	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BARRETT___2 23546	28.82 1.44 -4.15	25.13 1.39 -1.72	23.63 1.23 -2.16	21.90 1.18 -1.40	20.33 1.14 -0.11	20.74 1.17 -0.34	21.69 1.13 0.00	20.96 1.02 0.00	21.14 1.27 0.00	21.83 1.33 -0.01	31.14 1.48 -7.85	32.70 1.56 -8.19	35.09 1.93 -8.75	39.19 1.89 -11.72	39.67 2.38 -10.28	43.10 2.44 -13.61	62.35 2.80 -26.28	54.04 3.29 -10.58	45.48 3.21 -0.01	44.65 2.88 -2.81	41.76 2.85 -0.40	36.65 2.37 -1.79	32.88 2.22 -2.27	31.18 1.74 -3.82
BATAVIA__115KV_TB1 55881	23.09 -0.14 0.00	21.43 -0.59 0.00	19.75 -0.49 0.00	18.84 -0.48 0.00	18.58 -0.50 0.00	18.77 -0.46 0.00	20.33 -0.23 0.00	19.68 -0.26 0.00	19.27 -0.60 0.00	20.00 -0.49 0.00	21.65 -0.15 0.00	22.88 -0.07 0.00	24.19 -0.22 0.00	25.55 -0.03 0.00	26.15 -0.86 0.00	26.70 -0.35 0.00	33.00 -0.27 0.00	38.62 -1.00 0.54	41.24 -0.68 0.34	37.11 -1.09 0.75	36.89 -1.00 0.62	32.49 0.00 0.00	28.08 -0.31 0.00	25.44 -0.18 0.00
BAYONEEC___CTG1 323682	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG10 323750	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG2 323683	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG3 323684	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG4 323685	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG5 323686	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG6 323687	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00

BAYONEEC___CTG7 323688	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG8 323689	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BAYONEEC___CTG9 323749	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.70 2.21 0.00	30.38 1.99 0.00	27.08 1.46 0.00
BEACON___LESR 323632	23.90 0.67 0.00	22.68 0.66 0.00	21.02 0.79 0.00	20.11 0.79 0.00	19.82 0.74 0.00	19.94 0.71 0.00	21.26 0.70 0.00	20.60 0.66 0.00	20.60 0.74 0.00	21.05 0.55 0.00	22.28 0.48 0.00	23.48 0.53 0.00	25.09 0.68 0.00	26.22 0.64 0.00	28.04 1.03 0.00	28.16 1.11 0.00	34.60 1.33 0.00	41.61 1.44 0.00	43.78 1.52 0.00	40.47 1.52 0.00	40.06 1.54 0.00	33.66 1.17 0.00	29.39 0.99 0.00	26.31 0.69 0.00
BEAVER RIVER___HYD 24048	22.55 -0.67 0.00	21.34 -0.68 0.00	19.54 -0.69 0.00	18.64 -0.68 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.98 -0.58 0.00	19.36 -0.58 0.00	19.21 -0.66 0.00	20.04 -0.45 0.00	21.28 -0.52 0.00	22.33 -0.62 0.00	23.70 -0.71 0.00	24.91 -0.67 0.00	26.28 -0.73 0.00	26.32 -0.73 0.00	32.54 -0.73 0.00	39.48 -0.68 0.00	41.88 -0.38 0.00	38.80 -0.16 0.00	38.36 -0.15 0.00	32.36 -0.13 0.00	28.20 -0.20 0.00	25.36 -0.26 0.00
BEEBEE_GT_13 23619	22.97 -0.26 0.00	21.49 -0.53 0.00	19.77 -0.47 0.00	18.86 -0.46 0.00	18.60 -0.48 0.00	18.77 -0.46 0.00	20.25 -0.31 0.00	19.64 -0.30 0.00	19.37 -0.50 0.00	20.08 -0.41 0.00	21.61 -0.20 0.00	22.81 -0.14 0.00	24.12 -0.29 0.00	25.40 -0.18 0.00	26.28 -0.73 0.00	26.70 -0.35 0.00	32.97 -0.30 0.00	38.77 -0.80 0.58	41.22 -0.68 0.37	37.40 -0.74 0.81	37.11 -0.73 0.67	32.33 -0.16 0.00	28.02 -0.37 0.00	25.28 -0.33 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.71 1.49 0.00	23.43 1.41 0.00	21.44 1.21 0.00	20.44 1.12 0.00	20.16 1.09 0.00	20.35 1.12 0.00	21.67 1.11 0.00	21.06 1.12 0.00	21.16 1.29 0.00	21.89 1.39 0.00	23.42 1.61 0.00	24.65 1.70 0.00	26.58 2.17 0.00	27.88 2.30 0.00	33.42 2.65 -3.76	53.11 2.92 -23.13	36.53 3.26 0.00	44.06 3.90 0.00	45.98 3.72 0.00	42.27 3.31 0.00	41.79 3.27 0.00	35.22 2.73 0.00	30.66 2.27 0.00	27.33 1.72 0.00
BETHLEHEM___GRP 23843	23.53 0.30 0.00	22.37 0.35 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.59 0.52 0.00	19.71 0.48 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.36 0.50 0.00	20.76 0.27 0.00	22.00 0.20 0.00	23.16 0.21 0.00	24.75 0.34 0.00	25.86 0.28 0.00	27.44 0.43 0.00	27.68 0.62 0.00	34.04 0.77 0.00	40.93 0.76 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.32 0.81 0.00	33.08 0.58 0.00	28.90 0.51 0.00	25.87 0.26 0.00
BETHLEHEM___GS1 323560	23.55 0.33 0.00	22.37 0.35 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.59 0.52 0.00	19.71 0.48 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.37 0.50 0.00	20.78 0.29 0.00	22.00 0.20 0.00	23.16 0.21 0.00	24.75 0.34 0.00	25.83 0.26 0.00	27.61 0.59 0.00	27.68 0.62 0.00	34.04 0.77 0.00	40.92 0.76 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.32 0.81 0.00	33.08 0.59 0.00	28.88 0.48 0.00	25.85 0.23 0.00
BETHLEHEM___GS2 323561	23.55 0.33 0.00	22.37 0.35 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.59 0.52 0.00	19.71 0.48 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.37 0.50 0.00	20.78 0.29 0.00	22.00 0.20 0.00	23.16 0.21 0.00	24.75 0.34 0.00	25.83 0.26 0.00	27.61 0.59 0.00	27.68 0.62 0.00	34.04 0.77 0.00	40.92 0.76 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.32 0.81 0.00	33.08 0.59 0.00	28.88 0.48 0.00	25.85 0.23 0.00
BETHLEHEM___GS3 323562	23.55 0.33 0.00	22.37 0.35 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.59 0.52 0.00	19.71 0.48 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.37 0.50 0.00	20.78 0.29 0.00	22.00 0.20 0.00	23.16 0.21 0.00	24.75 0.34 0.00	25.83 0.26 0.00	27.61 0.59 0.00	27.68 0.62 0.00	34.04 0.77 0.00	40.92 0.76 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.32 0.81 0.00	33.08 0.59 0.00	28.88 0.48 0.00	25.85 0.23 0.00
BETHLEHEM___STEEL 23779	22.85 -0.37 0.00	21.21 -0.81 0.00	19.54 -0.69 0.00	18.66 -0.66 0.00	18.39 -0.69 0.00	18.61 -0.62 0.00	20.21 -0.35 0.00	19.52 -0.42 0.00	19.11 -0.75 0.00	19.88 -0.61 0.00	21.56 -0.24 0.00	22.84 -0.11 0.00	24.12 -0.29 0.00	25.52 -0.05 0.00	26.04 -0.97 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	38.18 -1.49 0.49	40.68 -1.27 0.31	36.17 -2.10 0.68	35.83 -2.12 0.57	31.84 -0.65 0.00	27.60 -0.80 0.00	25.13 -0.49 0.00
BETHLHEM_115KV_TB1 79974	23.60 0.37 0.00	22.42 0.40 0.00	20.78 0.55 0.00	19.90 0.58 0.00	19.61 0.53 0.00	19.73 0.50 0.00	21.01 0.45 0.00	20.36 0.42 0.00	20.36 0.50 0.00	20.80 0.31 0.00	22.04 0.24 0.00	23.20 0.25 0.00	24.80 0.39 0.00	25.91 0.33 0.00	27.53 0.51 0.00	27.73 0.68 0.00	34.10 0.83 0.00	41.01 0.84 0.00	43.11 0.85 0.00	39.85 0.90 0.00	39.40 0.89 0.00	33.14 0.65 0.00	28.96 0.57 0.00	25.93 0.31 0.00
BETHPAGE_CC_5 323564	28.96 1.58 -4.15	25.26 1.52 -1.72	23.75 1.36 -2.16	22.02 1.29 -1.40	20.44 1.26 -0.11	20.86 1.29 -0.34	21.81 1.25 0.00	21.04 1.10 0.00	21.26 1.39 0.00	21.98 1.48 -0.01	31.25 1.59 -7.85	32.88 1.74 -8.19	35.28 2.12 -8.75	39.45 2.15 -11.72	39.97 2.67 -10.28	43.37 2.71 -13.61	62.68 3.13 -26.28	54.48 3.74 -10.58	45.91 3.64 -0.01	45.08 3.31 -2.81	42.18 3.27 -0.40	36.97 2.70 -1.79	33.02 2.36 -2.27	31.26 1.82 -3.82
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.90 -0.33 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.70 -0.62 0.00	18.43 -0.65 0.00	18.65 -0.58 0.00	20.25 -0.31 0.00	19.56 -0.38 0.00	19.15 -0.72 0.00	19.92 -0.57 0.00	21.63 -0.17 0.00	22.88 -0.07 0.00	24.19 -0.22 0.00	25.63 0.05 0.00	26.12 -0.89 0.00	26.65 -0.41 0.00	32.87 -0.40 0.00	38.35 -1.33 0.49	40.86 -1.10 0.31	36.18 -2.10 0.67	35.87 -2.08 0.56	31.94 -0.55 0.00	27.68 -0.71 0.00	25.21 -0.41 0.00

BINGHAMTON___COGEN 23790	23.39 0.16 0.00	22.09 0.07 0.00	20.27 0.04 0.00	19.34 0.02 0.00	19.08 0.00 0.00	19.25 0.02 0.00	20.68 0.12 0.00	20.04 0.10 0.00	19.87 0.00 0.00	20.53 0.04 0.00	21.94 0.13 0.00	23.14 0.18 0.00	24.60 0.20 0.00	25.83 0.26 0.00	27.07 0.05 0.00	27.38 0.32 0.00	33.74 0.47 0.00	40.42 0.40 0.15	42.64 0.46 0.09	38.90 0.16 0.21	38.46 0.12 0.17	32.91 0.42 0.00	28.71 0.31 0.00	25.80 0.18 0.00
BIXINCNT_115KV_LOAD 355685	22.85 -0.37 0.00	21.21 -0.81 0.00	19.52 -0.71 0.00	18.63 -0.70 0.00	18.41 -0.67 0.00	18.67 -0.56 0.00	20.27 -0.29 0.00	19.56 -0.38 0.00	19.21 -0.66 0.00	19.96 -0.53 0.00	21.61 -0.20 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.65 0.08 0.00	26.17 -0.84 0.00	26.73 -0.32 0.00	32.97 -0.30 0.00	38.70 -1.00 0.46	41.13 -0.85 0.29	36.25 -2.06 0.64	35.83 -2.16 0.53	32.04 -0.45 0.00	27.77 -0.62 0.00	25.26 -0.36 0.00
BLACK RIVER___HYD 24047	22.65 -0.58 0.00	21.40 -0.62 0.00	19.60 -0.63 0.00	18.68 -0.64 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	20.02 -0.53 0.00	19.40 -0.54 0.00	19.19 -0.68 0.00	19.98 -0.51 0.00	21.19 -0.61 0.00	22.20 -0.76 0.00	23.53 -0.88 0.00	24.73 -0.84 0.00	26.15 -0.87 0.00	26.19 -0.87 0.00	32.41 -0.87 0.00	39.51 -0.76 -0.11	41.95 -0.38 -0.07	39.06 -0.04 -0.15	38.56 -0.08 -0.12	32.46 -0.03 0.00	28.28 -0.11 0.00	25.36 -0.26 0.00
BLACKRVR_115KV_TB2 79977	22.65 -0.58 0.00	21.40 -0.62 0.00	19.60 -0.63 0.00	18.68 -0.64 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	20.02 -0.53 0.00	19.40 -0.54 0.00	19.19 -0.68 0.00	19.98 -0.51 0.00	21.19 -0.61 0.00	22.19 -0.76 0.00	23.53 -0.88 0.00	24.73 -0.84 0.00	26.12 -0.89 0.00	26.19 -0.87 0.00	32.41 -0.87 0.00	39.51 -0.76 -0.11	41.95 -0.38 -0.07	39.06 -0.04 -0.15	38.56 -0.08 -0.12	32.46 -0.03 0.00	28.25 -0.14 0.00	25.36 -0.26 0.00
BLISS_WT_PWR 323608	22.78 -0.44 0.00	21.14 -0.88 0.00	19.46 -0.77 0.00	18.57 -0.75 0.00	18.35 -0.72 0.00	18.67 -0.56 0.00	20.23 -0.33 0.00	19.54 -0.40 0.00	19.19 -0.68 0.00	19.94 -0.55 0.00	21.56 -0.24 0.00	22.91 -0.05 0.00	24.24 -0.17 0.00	25.65 0.08 0.00	26.99 -0.03 0.00	26.78 -0.27 0.00	32.97 -0.30 0.00	38.66 -1.04 0.46	41.08 -0.89 0.29	36.25 -2.07 0.64	35.79 -2.19 0.53	32.01 -0.49 0.00	27.91 -0.48 0.00	25.23 -0.38 0.00
BLUESTONE___WT_PWR 323821	24.50 1.28 0.00	23.10 1.08 0.00	21.14 0.91 0.00	20.15 0.83 0.00	19.88 0.80 0.00	20.08 0.85 0.00	21.61 1.05 0.00	20.96 1.02 0.00	20.68 0.81 0.00	21.39 0.90 0.00	22.72 0.92 0.00	23.89 0.94 0.00	25.48 1.07 0.00	26.88 1.30 0.00	28.50 1.48 0.00	28.57 1.51 0.00	35.37 2.10 0.00	42.57 2.53 0.12	44.98 2.79 0.08	41.32 2.53 0.17	40.76 2.39 0.14	34.73 2.24 0.00	30.30 1.90 0.00	27.10 1.49 0.00
BLUE_CIRC_CHEM_DRP 24182	23.85 0.63 0.00	22.66 0.64 0.00	20.94 0.71 0.00	20.04 0.71 0.00	19.76 0.69 0.00	19.88 0.65 0.00	21.20 0.64 0.00	20.50 0.56 0.00	20.46 0.60 0.00	20.88 0.39 0.00	22.09 0.28 0.00	23.25 0.30 0.00	24.85 0.44 0.00	25.99 0.41 0.00	27.58 0.57 0.00	27.84 0.78 0.00	34.27 1.00 0.00	41.25 1.08 0.00	43.49 1.23 0.00	40.20 1.25 0.00	39.82 1.31 0.00	33.53 1.04 0.00	29.27 0.88 0.00	26.26 0.64 0.00
BOC_GAS_DRP 24189	23.71 0.49 0.00	22.51 0.48 0.00	20.76 0.53 0.00	19.84 0.52 0.00	19.57 0.50 0.00	19.71 0.48 0.00	21.01 0.45 0.00	20.38 0.44 0.00	20.36 0.50 0.00	20.88 0.39 0.00	22.15 0.35 0.00	23.34 0.39 0.00	24.95 0.54 0.00	26.11 0.54 0.00	27.69 0.68 0.00	27.89 0.84 0.00	34.27 1.00 0.00	41.21 1.04 0.00	43.32 1.06 0.00	40.01 1.05 0.00	39.55 1.04 0.00	33.27 0.78 0.00	29.10 0.71 0.00	26.08 0.46 0.00
BOONVILLE_115KV_TB1 79983	23.39 0.16 0.00	22.11 0.09 0.00	20.27 0.04 0.00	19.34 0.02 0.00	19.11 0.04 0.00	19.27 0.04 0.00	20.66 0.10 0.00	20.04 0.10 0.00	19.91 0.04 0.00	20.66 0.16 0.00	21.94 0.13 0.00	23.04 0.09 0.00	24.51 0.10 0.00	25.75 0.18 0.00	27.17 0.16 0.00	27.27 0.22 0.00	33.70 0.43 0.00	40.81 0.64 0.00	43.07 0.80 0.00	39.81 0.86 0.00	39.32 0.81 0.00	33.21 0.71 0.00	28.96 0.57 0.00	26.00 0.38 0.00
BORALEX_4TH_BRANCH 23824	24.43 1.21 0.00	23.21 1.19 0.00	21.36 1.13 0.00	20.40 1.08 0.00	20.14 1.07 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	20.92 1.05 0.00	21.44 0.94 0.00	22.65 0.85 0.00	23.87 0.92 0.00	25.58 1.17 0.00	26.73 1.15 0.00	28.36 1.35 0.00	28.57 1.52 0.00	35.20 1.93 0.00	42.45 2.29 0.00	44.63 2.37 0.00	41.41 2.45 0.00	40.94 2.43 0.00	34.28 1.79 0.00	30.04 1.65 0.00	26.80 1.18 0.00
BOWLINE___1 23526	24.18 0.95 0.00	22.95 0.92 0.00	21.04 0.81 0.00	20.09 0.77 0.00	19.82 0.74 0.00	20.00 0.77 0.00	21.32 0.76 0.00	20.70 0.76 0.00	20.74 0.87 0.00	21.39 0.90 0.00	22.79 0.98 0.00	24.03 1.08 0.00	25.87 1.46 0.00	27.08 1.51 0.00	29.01 2.00 0.00	29.11 2.06 0.00	35.60 2.33 0.00	42.93 2.77 0.00	44.89 2.62 0.00	41.33 2.38 0.00	40.86 2.35 0.00	34.34 1.85 0.00	30.04 1.65 0.00	26.80 1.18 0.00
BOWLINE___2 23595	24.18 0.95 0.00	22.95 0.92 0.00	21.04 0.81 0.00	20.09 0.77 0.00	19.82 0.74 0.00	20.00 0.77 0.00	21.32 0.76 0.00	20.70 0.76 0.00	20.74 0.87 0.00	21.39 0.90 0.00	22.79 0.98 0.00	24.03 1.08 0.00	25.87 1.46 0.00	27.08 1.51 0.00	29.01 2.00 0.00	29.11 2.06 0.00	35.60 2.33 0.00	42.93 2.77 0.00	44.89 2.62 0.00	41.33 2.38 0.00	40.86 2.35 0.00	34.34 1.85 0.00	30.04 1.65 0.00	26.80 1.18 0.00
BRADY___115KV_TB2 356060	23.06 -0.16 0.00	21.87 -0.15 0.00	20.07 -0.16 0.00	19.17 -0.15 0.00	19.08 0.00 0.00	19.23 0.00 0.00	20.54 -0.02 0.00	19.90 -0.04 0.00	19.81 -0.06 0.00	20.49 0.00 0.00	21.78 -0.02 0.00	22.93 -0.02 0.00	24.36 -0.05 0.00	25.52 -0.05 0.00	27.01 0.00 0.00	26.70 -0.35 0.00	32.94 -0.33 0.00	39.84 -0.32 0.00	42.18 -0.08 0.00	38.95 0.00 0.00	38.55 0.04 0.00	32.46 -0.03 0.00	28.36 -0.03 0.00	25.87 0.26 0.00
BRANSCOMB___SOLAR 323811	24.71 1.49 0.00	23.47 1.45 0.00	21.57 1.33 0.00	20.60 1.27 0.00	20.22 1.14 0.00	20.34 1.11 0.00	21.71 1.15 0.00	20.96 1.02 0.00	20.98 1.11 0.00	21.50 1.00 0.00	22.76 0.96 0.00	23.99 1.03 0.00	25.70 1.29 0.00	26.88 1.30 0.00	28.77 1.75 0.00	28.92 1.87 0.00	35.60 2.33 0.00	42.77 2.61 0.00	45.05 2.79 0.00	41.68 2.73 0.00	41.32 2.81 0.00	34.77 2.27 0.00	30.41 2.02 0.00	27.21 1.59 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.23 1.86 -4.14	25.54 1.81 -1.72	24.04 1.66 -2.15	22.30 1.58 -1.40	20.72 1.55 -0.10	21.16 1.60 -0.33	22.12 1.56 0.00	21.28 1.34 0.00	21.52 1.65 0.00	22.26 1.76 0.00	31.52 1.88 -7.85	33.15 2.02 -8.18	35.59 2.44 -8.75	39.95 2.66 -11.71	40.31 3.03 -10.27	43.98 3.33 -13.60	63.27 3.73 -26.28	55.19 4.46 -10.57	46.70 4.44 0.00	45.85 4.09 -2.81	43.10 4.20 -0.39	37.52 3.25 -1.78	33.50 2.84 -2.27	31.61 2.18 -3.81



BRISTLHL_115KV_TB1 79998	22.95 -0.28 0.00	21.73 -0.29 0.00	19.95 -0.28 0.00	19.03 -0.29 0.00	18.79 -0.29 0.00	18.94 -0.29 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.53 -0.34 0.00	20.19 -0.31 0.00	21.50 -0.31 0.00	22.61 -0.34 0.00	23.90 -0.51 0.00	25.04 -0.54 0.00	26.36 -0.65 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	39.94 -0.64 -0.42	41.89 -0.63 -0.26	38.95 -0.58 -0.58	38.41 -0.58 -0.48	32.04 -0.45 0.00	28.00 -0.40 0.00	25.13 -0.49 0.00	
BROOKHAVEN___DRP 24191	28.92 1.56 -4.14	25.30 1.56 -1.72	23.82 1.44 -2.15	22.13 1.41 -1.40	20.59 1.41 -0.10	21.00 1.44 -0.33	22.00 1.44 0.00	21.00 1.06 0.00	21.28 1.41 0.00	22.01 1.52 0.00	31.26 1.61 -7.85	32.88 1.74 -8.18	35.30 2.15 -8.75	39.69 2.40 -11.71	40.07 2.78 -10.27	43.74 3.08 -13.60	63.07 3.53 -26.28	54.99 4.26 -10.57	46.49 4.23 0.00	45.62 3.86 -2.81	42.72 3.81 -0.39	37.16 2.89 -1.78	33.16 2.50 -2.27	31.28 1.84 -3.81	
BROOKLYN_NAVY_YARD 23515	24.36 1.14 0.00	23.14 1.12 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.24 1.83 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.81 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.08 1.46 0.00	
BROOKLYN___ARMY_DRP 323595	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00	
BROOKVLE_69_KV_TB1 55790	29.04 1.67 -4.14	25.32 1.59 -1.72	23.80 1.42 -2.15	22.07 1.35 -1.40	20.49 1.32 -0.10	20.91 1.35 -0.33	21.87 1.32 0.00	21.12 1.18 0.00	21.32 1.45 0.00	22.05 1.56 0.00	31.37 1.72 -7.85	33.04 1.91 -8.18	35.52 2.37 -8.75	39.80 2.51 -11.71	39.96 2.67 -10.27	43.60 2.95 -13.60	62.97 3.43 -26.28	54.79 4.06 -10.57	46.24 3.97 0.00	45.34 3.58 -2.81	42.41 3.50 -0.39	37.29 3.02 -1.78	33.27 2.61 -2.27	31.43 2.00 -3.81	
BROOME_2_LFGE 323671	23.41 0.18 0.00	22.09 0.07 0.00	20.27 0.04 0.00	19.34 0.02 0.00	19.08 0.00 0.00	19.27 0.04 0.00	20.68 0.12 0.00	20.04 0.10 0.00	19.87 0.00 0.00	20.53 0.04 0.00	21.94 0.13 0.00	23.14 0.18 0.00	24.60 0.19 0.00	25.86 0.28 0.00	27.39 0.38 0.00	27.40 0.35 0.00	33.74 0.47 0.00	40.42 0.40 0.15	42.64 0.47 0.09	42.64 0.47 0.21	38.91 0.16 0.17	38.46 0.12 0.17	32.88 0.39 0.00	28.76 0.37 0.00	25.80 0.18 0.00
BROOME___LFGE 323600	23.41 0.18 0.00	22.09 0.07 0.00	20.27 0.04 0.00	19.34 0.02 0.00	19.08 0.00 0.00	19.27 0.04 0.00	20.68 0.12 0.00	20.04 0.10 0.00	19.87 0.00 0.00	20.53 0.04 0.00	21.94 0.13 0.00	23.14 0.18 0.00	24.60 0.19 0.00	25.86 0.28 0.00	27.39 0.38 0.00	27.40 0.35 0.00	33.74 0.47 0.00	40.42 0.40 0.15	42.64 0.47 0.09	42.64 0.47 0.21	38.91 0.16 0.17	38.46 0.12 0.17	32.88 0.39 0.00	28.76 0.37 0.00	25.80 0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	22.37 -0.86 0.00	21.18 -0.84 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.96 -0.60 0.00	19.34 -0.60 0.00	19.25 -0.62 0.00	20.02 -0.47 0.00	21.28 -0.52 0.00	22.38 -0.57 0.00	23.77 -0.63 0.00	24.96 -0.61 0.00	26.39 -0.62 0.00	26.27 -0.78 0.00	32.44 -0.83 0.00	39.28 -0.88 0.00	41.63 -0.63 0.00	38.53 -0.43 0.00	38.05 -0.46 0.00	32.07 -0.42 0.00	27.97 -0.43 0.00	25.31 -0.31 0.00	
BROWNSV1_27_KV_LOAD 356125	24.57 1.35 0.00	23.32 1.30 0.00	21.36 1.13 0.00	20.40 1.08 0.00	20.13 1.05 0.00	20.33 1.10 0.00	21.65 1.09 0.00	21.04 1.10 0.00	21.12 1.25 0.00	21.83 1.33 0.00	23.31 1.50 0.00	24.56 1.61 0.00	26.46 2.05 0.00	27.72 2.15 0.00	29.47 2.46 0.00	29.79 2.73 0.00	36.33 3.06 0.00	43.82 3.65 0.00	45.81 3.55 0.00	42.15 3.19 0.00	41.67 3.16 0.00	35.03 2.53 0.00	30.66 2.27 0.00	27.31 1.69 0.00	
BURROWS___LYONSDAL 23803	23.18 -0.05 0.00	21.93 -0.09 0.00	20.11 -0.12 0.00	19.19 -0.14 0.00	18.98 -0.10 0.00	19.13 -0.10 0.00	20.50 -0.06 0.00	19.88 -0.06 0.00	19.73 -0.14 0.00	20.53 0.04 0.00	21.80 0.00 0.00	22.88 -0.07 0.00	24.34 -0.07 0.00	25.58 0.00 0.00	26.99 -0.03 0.00	27.08 0.03 0.00	33.47 0.20 0.00	40.52 0.36 0.00	42.81 0.55 0.00	39.62 0.66 0.00	39.13 0.62 0.00	33.04 0.55 0.00	28.79 0.40 0.00	25.87 0.26 0.00	
CAITHNESS_CC_1 323624	28.93 1.56 -4.15	25.29 1.54 -1.72	23.83 1.44 -2.16	22.13 1.41 -1.40	20.58 1.39 -0.11	20.99 1.42 -0.34	21.96 1.40 0.00	21.00 1.06 0.00	21.28 1.41 0.00	22.00 1.50 -0.01	31.25 1.59 -7.85	32.86 1.72 -8.19	35.28 2.12 -8.75	39.65 2.35 -11.72	40.29 3.00 -10.28	43.72 3.06 -13.61	63.02 3.46 -26.28	54.88 4.14 -10.58	46.42 4.14 -0.01	45.51 3.74 -2.81	42.65 3.73 -0.40	37.14 2.86 -1.79	33.11 2.44 -2.27	31.26 1.82 -3.82	
CALPINE BETH_PAGE_GT4 24209	28.97 1.60 -4.14	25.28 1.54 -1.72	23.76 1.38 -2.15	22.03 1.31 -1.40	20.46 1.28 -0.10	20.87 1.31 -0.33	21.83 1.27 0.00	21.06 1.12 0.00	21.28 1.41 0.00	21.99 1.50 0.00	31.29 1.64 -7.85	32.90 1.77 -8.18	35.30 2.15 -8.75	39.39 2.10 -11.71	39.69 2.40 -10.27	43.30 2.65 -13.60	62.61 3.06 -26.28	54.39 3.65 -10.57	45.81 3.55 0.00	44.99 3.23 -2.81	42.06 3.16 -0.39	36.97 2.70 -1.78	33.04 2.39 -2.27	31.23 1.79 -3.81	
CALPINE_BETH_PAGE_GT_4 323586	28.98 1.60 -4.15	25.29 1.54 -1.72	23.77 1.38 -2.16	22.04 1.31 -1.40	20.46 1.28 -0.11	20.88 1.31 -0.34	21.83 1.28 0.00	21.06 1.12 0.00	21.28 1.41 0.00	21.98 1.48 -0.01	31.29 1.64 -7.85	32.91 1.77 -8.19	35.31 2.15 -8.75	39.40 2.10 -11.72	39.91 2.62 -10.28	43.34 2.68 -13.61	62.61 3.06 -26.28	54.40 3.65 -10.58	45.82 3.55 -0.01	45.00 3.23 -2.81	42.11 3.19 -0.40	36.97 2.70 -1.79	33.02 2.36 -2.27	31.23 1.79 -3.82	
CALPINE_BP_GT1 23823	28.98 1.60 -4.15	25.29 1.54 -1.72	23.77 1.38 -2.16	22.04 1.31 -1.40	20.46 1.28 -0.11	20.88 1.31 -0.34	21.83 1.28 0.00	21.06 1.12 0.00	21.28 1.41 0.00	21.98 1.48 -0.01	31.29 1.64 -7.85	32.91 1.77 -8.19	35.31 2.15 -8.75	39.40 2.10 -11.72	39.91 2.62 -10.28	43.34 2.68 -13.61	62.61 3.06 -26.28	54.40 3.65 -10.58	45.82 3.55 -0.01	45.00 3.23 -2.81	42.11 3.19 -0.40	36.97 2.70 -1.79	33.02 2.36 -2.27	31.23 1.79 -3.82	
CALSPAN___DRP 24200	22.85 -0.37 0.00	21.21 -0.81 0.00	19.54 -0.69 0.00	18.66 -0.66 0.00	18.39 -0.69 0.00	18.61 -0.62 0.00	20.21 -0.35 0.00	19.52 -0.42 0.00	19.11 -0.75 0.00	19.88 -0.61 0.00	21.56 -0.24 0.00	22.84 -0.11 0.00	24.12 -0.29 0.00	25.52 -0.05 0.00	26.04 -0.97 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	38.18 -1.49 0.49	40.68 -1.27 0.31	36.17 -2.10 0.68	35.83 -2.12 0.57	31.84 -0.65 0.00	27.60 -0.80 0.00	25.13 -0.49 0.00	

CALVERTON___SOLAR 323806	28.98 1.60 -4.15	25.33 1.59 -1.72	23.87 1.48 -2.16	22.19 1.47 -1.40	20.65 1.47 -0.11	21.05 1.48 -0.34	22.04 1.48 0.00	21.02 1.08 0.00	21.32 1.45 0.00	22.02 1.52 -0.01	31.31 1.66 -7.85	32.95 1.81 -8.19	35.38 2.22 -8.75	39.81 2.51 -11.72	40.45 3.16 -10.28	43.88 3.22 -13.61	63.25 3.69 -26.28	55.16 4.42 -10.58	46.71 4.44 -0.01	45.78 4.01 -2.81	42.88 3.97 -0.40	37.30 3.02 -1.79	33.22 2.56 -2.27	31.34 1.90 -3.82
CANDIGU_WT_PWR 323617	23.13 -0.09 0.00	21.62 -0.40 0.00	19.89 -0.34 0.00	18.97 -0.35 0.00	18.69 -0.38 0.00	18.94 -0.29 0.00	20.42 -0.14 0.00	19.76 -0.18 0.00	19.43 -0.44 0.00	20.14 -0.35 0.00	21.67 -0.13 0.00	22.93 -0.02 0.00	24.31 -0.10 0.00	25.65 0.08 0.00	27.09 0.08 0.00	26.97 -0.08 0.00	33.17 -0.10 0.00	39.25 -0.56 0.35	41.62 -0.42 0.22	37.50 -0.97 0.48	37.11 -1.00 0.40	32.43 -0.06 0.00	28.34 -0.06 0.00	25.49 -0.13 0.00
CARR STREET_E_SYR 24060	23.13 -0.09 0.00	21.91 -0.11 0.00	20.11 -0.12 0.00	19.19 -0.13 0.00	18.92 -0.15 0.00	19.10 -0.13 0.00	20.46 -0.10 0.00	19.86 -0.08 0.00	19.69 -0.18 0.00	20.37 -0.12 0.00	21.72 -0.09 0.00	22.84 -0.11 0.00	24.16 -0.24 0.00	25.37 -0.21 0.00	26.88 -0.13 0.00	26.92 -0.13 0.00	33.14 -0.13 0.00	39.72 -0.20 0.24	41.90 -0.21 0.15	38.38 -0.23 0.34	38.00 -0.23 0.28	32.36 -0.13 0.00	28.28 -0.11 0.00	25.39 -0.23 0.00
CARTHAGE___PAPER 23857	22.58 -0.65 0.00	21.36 -0.66 0.00	19.54 -0.69 0.00	18.64 -0.68 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.98 -0.58 0.00	19.36 -0.58 0.00	19.19 -0.68 0.00	20.00 -0.49 0.00	21.19 -0.61 0.00	22.22 -0.74 0.00	23.58 -0.83 0.00	24.78 -0.79 0.00	26.15 -0.87 0.00	26.22 -0.84 0.00	32.41 -0.87 0.00	39.36 -0.80 0.00	41.84 -0.42 0.00	38.84 -0.12 0.00	38.36 -0.15 0.00	32.39 -0.10 0.00	28.22 -0.17 0.00	25.36 -0.26 0.00
CASSADAGA_WT_PWR 323784	23.41 0.18 0.00	21.69 -0.33 0.00	19.97 -0.26 0.00	19.07 -0.25 0.00	18.79 -0.29 0.00	19.08 -0.15 0.00	20.64 0.08 0.00	19.96 0.02 0.00	19.57 -0.30 0.00	20.37 -0.12 0.00	22.15 0.35 0.00	23.50 0.55 0.00	24.90 0.49 0.00	26.42 0.84 0.00	27.80 0.78 0.00	27.51 0.46 0.00	33.84 0.57 0.00	39.62 -0.08 0.47	42.10 0.13 0.30	37.30 -1.01 0.64	36.90 -1.08 0.53	32.85 0.36 0.00	28.71 0.31 0.00	25.87 0.26 0.00
CE_DUNWOOD___DRP 24194	24.32 1.09 0.00	23.08 1.06 0.00	21.16 0.93 0.00	20.21 0.89 0.00	19.93 0.86 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.82 0.88 0.00	20.88 1.01 0.00	21.54 1.05 0.00	22.94 1.13 0.00	24.19 1.24 0.00	26.04 1.64 0.00	27.26 1.69 0.00	28.98 1.97 0.00	29.27 2.22 0.00	35.80 2.53 0.00	43.18 3.01 0.00	45.18 2.92 0.00	41.60 2.65 0.00	41.13 2.62 0.00	34.57 2.08 0.00	30.24 1.85 0.00	26.95 1.33 0.00
CE_MILLWOOD___DRP 24193	24.30 1.07 0.00	23.06 1.03 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.92 0.84 0.00	20.10 0.87 0.00	21.40 0.84 0.00	20.78 0.84 0.00	20.84 0.97 0.00	21.50 1.00 0.00	22.89 1.09 0.00	24.15 1.19 0.00	25.97 1.56 0.00	27.21 1.64 0.00	28.93 1.92 0.00	29.22 2.16 0.00	35.73 2.46 0.00	43.09 2.93 0.00	45.10 2.83 0.00	41.53 2.57 0.00	41.06 2.54 0.00	34.51 2.01 0.00	30.18 1.79 0.00	26.90 1.28 0.00
CE_NYC2_DRP 24202	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.42 1.47 0.00	26.31 1.90 0.00	27.57 1.99 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.13 2.86 0.00	43.58 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.36 2.85 0.00	34.83 2.34 0.00	30.47 2.07 0.00	27.15 1.54 0.00
CE_NYC_DRP 24195	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.13 1.33 0.00	24.38 1.42 0.00	26.26 1.86 0.00	27.49 1.92 0.00	29.23 2.22 0.00	29.54 2.49 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.43 3.17 0.00	41.80 2.84 0.00	41.33 2.81 0.00	34.77 2.27 0.00	30.41 2.02 0.00	27.10 1.49 0.00
CHAFFEE___LFGE 323603	22.92 -0.30 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.70 -0.62 0.00	18.45 -0.63 0.00	18.71 -0.52 0.00	20.25 -0.31 0.00	19.56 -0.38 0.00	19.17 -0.70 0.00	19.92 -0.57 0.00	21.63 -0.18 0.00	22.91 -0.05 0.00	24.21 -0.20 0.00	25.70 0.13 0.00	27.07 0.05 0.00	26.76 -0.30 0.00	32.91 -0.37 0.00	38.44 -1.25 0.48	40.95 -1.01 0.30	36.31 -1.99 0.66	35.96 -2.00 0.55	32.01 -0.49 0.00	27.94 -0.46 0.00	25.26 -0.36 0.00
CHATEAUG_35_KV_LOAD 355732	22.83 -0.39 0.00	21.67 -0.35 0.00	19.89 -0.34 0.00	19.01 -0.31 0.00	18.85 -0.23 0.00	19.06 -0.17 0.00	20.35 -0.21 0.00	19.78 -0.16 0.00	19.81 -0.06 0.00	20.41 -0.08 0.00	21.72 -0.09 0.00	22.91 -0.05 0.00	24.31 -0.10 0.00	25.45 -0.13 0.00	26.93 -0.08 0.00	26.65 -0.41 0.00	32.91 -0.37 0.00	39.80 -0.36 0.00	42.56 0.30 0.00	39.11 0.16 0.00	38.67 0.15 0.00	32.46 -0.03 0.00	28.36 -0.03 0.00	25.85 0.23 0.00
CHATEAUG_WT_PWR 323614	22.78 -0.44 0.00	21.65 -0.37 0.00	19.87 -0.36 0.00	18.99 -0.33 0.00	18.83 -0.25 0.00	19.02 -0.21 0.00	20.33 -0.23 0.00	19.76 -0.18 0.00	19.79 -0.08 0.00	20.39 -0.10 0.00	21.70 -0.11 0.00	22.88 -0.07 0.00	24.29 -0.12 0.00	25.42 -0.15 0.00	26.55 -0.46 0.00	26.62 -0.43 0.00	32.87 -0.40 0.00	39.76 -0.40 0.00	42.52 0.26 0.00	39.07 0.12 0.00	38.59 0.08 0.00	32.46 -0.03 0.00	28.34 -0.06 0.00	25.80 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	22.83 -0.39 0.00	21.67 -0.35 0.00	19.89 -0.34 0.00	19.01 -0.31 0.00	18.85 -0.23 0.00	19.06 -0.17 0.00	20.35 -0.21 0.00	19.78 -0.16 0.00	19.81 -0.06 0.00	20.41 -0.08 0.00	21.72 -0.09 0.00	22.91 -0.05 0.00	24.31 -0.10 0.00	25.45 -0.13 0.00	26.93 -0.08 0.00	26.65 -0.41 0.00	32.91 -0.37 0.00	39.80 -0.36 0.00	42.56 0.30 0.00	39.11 0.16 0.00	38.67 0.15 0.00	32.46 -0.03 0.00	28.36 -0.03 0.00	25.85 0.23 0.00
CHAUTAUQUA___LFGE 323629	23.18 -0.05 0.00	21.49 -0.53 0.00	19.80 -0.43 0.00	18.90 -0.43 0.00	18.62 -0.46 0.00	18.90 -0.33 0.00	20.46 -0.10 0.00	19.78 -0.16 0.00	19.39 -0.48 0.00	20.16 -0.33 0.00	21.89 0.09 0.00	23.21 0.25 0.00	24.56 0.15 0.00	26.04 0.46 0.00	27.42 0.41 0.00	27.14 0.08 0.00	33.37 0.10 0.00	39.00 -0.68 0.48	41.50 -0.46 0.30	36.89 -1.40 0.66	36.50 -1.46 0.55	32.43 -0.06 0.00	28.34 -0.06 0.00	25.54 -0.08 0.00
CHERRYST_13_KV_LD 356241	24.46 1.23 0.00	23.23 1.21 0.00	21.28 1.05 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.25 1.02 0.00	21.57 1.01 0.00	20.98 1.04 0.00	21.06 1.19 0.00	21.74 1.25 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.34 1.93 0.00	27.60 2.02 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.17 2.89 0.00	43.62 3.45 0.00	45.56 3.30 0.00	41.92 2.96 0.00	41.44 2.93 0.00	34.86 2.37 0.00	30.49 2.10 0.00	27.18 1.56 0.00

CHESTROR_138KV_BK263 355645	24.04 0.81 0.00	22.81 0.79 0.00	20.94 0.71 0.00	20.00 0.68 0.00	19.72 0.65 0.00	19.90 0.67 0.00	21.20 0.64 0.00	20.58 0.64 0.00	20.60 0.74 0.00	21.25 0.76 0.00	22.59 0.78 0.00	23.82 0.87 0.00	25.60 1.20 0.00	26.83 1.25 0.00	28.50 1.49 0.00	28.79 1.73 0.00	35.23 1.96 0.00	42.53 2.37 0.00	44.55 2.28 0.00	41.06 2.10 0.00	40.56 2.04 0.00	34.12 1.62 0.00	29.84 1.45 0.00	26.64 1.02 0.00
CH_MIDHUDSON___DRP 24192	24.27 1.05 0.00	23.03 1.01 0.00	21.12 0.89 0.00	20.19 0.87 0.00	19.92 0.84 0.00	20.08 0.85 0.00	21.38 0.82 0.00	20.76 0.82 0.00	20.80 0.93 0.00	21.42 0.92 0.00	22.76 0.96 0.00	23.99 1.03 0.00	25.80 1.39 0.00	27.03 1.46 0.00	28.77 1.76 0.00	29.06 2.00 0.00	35.60 2.33 0.00	42.93 2.77 0.00	44.97 2.70 0.00	41.49 2.53 0.00	40.98 2.46 0.00	34.44 1.95 0.00	30.13 1.73 0.00	26.85 1.23 0.00
CH_MISC_IPPS 23765	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.80 0.86 0.00	20.86 0.99 0.00	21.50 1.00 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.16 1.59 0.00	29.12 2.11 0.00	29.24 2.19 0.00	35.77 2.50 0.00	43.21 3.05 0.00	45.27 3.00 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.27 1.87 0.00	27.00 1.38 0.00
CH_RES_BVR_FALLS 23983	22.88 -0.35 0.00	21.69 -0.33 0.00	19.93 -0.30 0.00	19.05 -0.27 0.00	18.83 -0.25 0.00	18.98 -0.25 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.65 -0.22 0.00	20.31 -0.18 0.00	21.63 -0.18 0.00	22.77 -0.18 0.00	24.19 -0.22 0.00	25.35 -0.23 0.00	26.61 -0.40 0.00	26.65 -0.41 0.00	32.81 -0.47 0.00	39.60 -0.56 0.00	41.76 -0.51 0.00	38.49 -0.47 0.00	38.05 -0.46 0.00	32.10 -0.39 0.00	28.02 -0.37 0.00	25.44 -0.18 0.00
CH_RES_NIAGARA 23895	22.13 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.02 -1.21 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.60 -0.97 0.00	24.99 -2.03 0.00	25.51 -1.54 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.55 -1.85 0.00	24.21 -1.41 0.00
CH_RES_SYRACUSE 23985	23.27 0.05 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.02 -0.06 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.96 0.02 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	27.01 0.00 0.00	27.05 0.00 0.00	33.34 0.07 0.00	40.24 0.08 0.00	42.35 0.08 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.56 0.07 0.00	28.48 0.09 0.00	25.54 -0.08 0.00
CLINTON_WT_PWR 323605	22.78 -0.44 0.00	21.65 -0.37 0.00	19.87 -0.36 0.00	18.99 -0.33 0.00	18.83 -0.25 0.00	19.02 -0.21 0.00	20.33 -0.23 0.00	19.76 -0.18 0.00	19.79 -0.08 0.00	20.39 -0.10 0.00	21.70 -0.11 0.00	22.88 -0.07 0.00	24.29 -0.12 0.00	25.42 -0.15 0.00	26.55 -0.46 0.00	26.62 -0.43 0.00	32.87 -0.40 0.00	39.76 -0.40 0.00	42.52 0.26 0.00	39.07 0.12 0.00	38.59 0.08 0.00	32.46 -0.03 0.00	28.34 -0.06 0.00	25.80 0.18 0.00
CLINTON___LFGE 323618	23.25 0.02 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.38 0.06 0.00	19.21 0.13 0.00	19.40 0.17 0.00	20.72 0.16 0.00	20.16 0.22 0.00	20.19 0.32 0.00	20.66 0.16 0.00	22.00 0.20 0.00	23.21 0.25 0.00	24.60 0.19 0.00	25.76 0.18 0.00	26.93 -0.08 0.00	27.00 -0.05 0.00	33.44 0.17 0.00	40.52 0.36 0.00	43.70 1.44 0.00	40.04 1.09 0.00	39.55 1.04 0.00	33.24 0.75 0.00	28.99 0.60 0.00	26.39 0.77 0.00
COBBLENY_34_KV_TB1 80064	22.92 -0.30 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.70 -0.62 0.00	18.45 -0.63 0.00	18.65 -0.58 0.00	20.25 -0.31 0.00	19.56 -0.38 0.00	19.17 -0.70 0.00	19.92 -0.57 0.00	21.63 -0.17 0.00	22.91 -0.05 0.00	24.21 -0.20 0.00	25.65 0.08 0.00	26.15 -0.86 0.00	26.68 -0.38 0.00	32.91 -0.37 0.00	38.44 -1.25 0.48	40.95 -1.01 0.30	36.31 -1.99 0.66	35.96 -2.00 0.55	32.00 -0.49 0.00	27.71 -0.68 0.00	25.23 -0.38 0.00
COFFEEN___115KV_TB3 355620	22.81 -0.42 0.00	21.54 -0.48 0.00	19.70 -0.53 0.00	18.78 -0.54 0.00	18.60 -0.48 0.00	18.75 -0.48 0.00	20.15 -0.41 0.00	19.50 -0.44 0.00	19.27 -0.60 0.00	20.06 -0.43 0.00	21.26 -0.55 0.00	22.24 -0.71 0.00	23.58 -0.83 0.00	24.83 -0.74 0.00	26.20 -0.81 0.00	26.30 -0.76 0.00	32.57 -0.70 0.00	39.71 -0.56 -0.11	42.21 -0.13 -0.07	39.38 0.27 -0.15	38.87 0.23 -0.13	32.72 0.23 0.00	28.48 0.09 0.00	25.52 -0.10 0.00
COLDSPRG_115KV_BK1 355956	23.44 0.21 0.00	21.73 -0.29 0.00	20.03 -0.20 0.00	19.13 -0.19 0.00	18.85 -0.23 0.00	19.08 -0.15 0.00	20.70 0.14 0.00	20.00 0.06 0.00	19.61 -0.26 0.00	20.41 -0.08 0.00	22.15 0.35 0.00	23.53 0.57 0.00	24.92 0.51 0.00	26.39 0.82 0.00	26.96 -0.05 0.00	27.51 0.46 0.00	33.90 0.63 0.00	39.75 0.04 0.45	42.23 0.25 0.28	37.17 -1.17 0.62	36.77 -1.23 0.51	32.91 0.42 0.00	28.56 0.17 0.00	25.90 0.28 0.00
COLONIE_LFGE___ 323577	24.22 1.00 0.00	23.01 0.99 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.06 0.83 0.00	21.38 0.82 0.00	20.72 0.78 0.00	20.72 0.85 0.00	21.23 0.74 0.00	22.48 0.68 0.00	23.69 0.73 0.00	25.36 0.95 0.00	26.50 0.92 0.00	28.34 1.32 0.00	28.41 1.35 0.00	34.97 1.70 0.00	42.05 1.89 0.00	44.21 1.95 0.00	40.90 1.95 0.00	40.48 1.96 0.00	34.02 1.53 0.00	29.73 1.33 0.00	26.62 1.00 0.00
COOPERNY_115KV_TB1 80082	23.83 0.60 0.00	22.59 0.57 0.00	20.74 0.51 0.00	19.80 0.48 0.00	19.53 0.46 0.00	19.71 0.48 0.00	21.03 0.47 0.00	20.42 0.48 0.00	20.40 0.54 0.00	21.05 0.55 0.00	22.39 0.59 0.00	23.62 0.67 0.00	25.31 0.90 0.00	26.52 0.95 0.00	28.12 1.11 0.00	28.35 1.30 0.00	34.77 1.50 0.00	41.93 1.77 0.00	43.96 1.69 0.00	40.47 1.52 0.00	39.98 1.46 0.00	33.69 1.20 0.00	29.50 1.11 0.00	26.39 0.77 0.00
COPENHAGEN_WT_PWR 323753	22.67 -0.56 0.00	21.43 -0.59 0.00	19.62 -0.61 0.00	18.70 -0.62 0.00	18.52 -0.55 0.00	18.67 -0.56 0.00	20.05 -0.51 0.00	19.40 -0.54 0.00	19.21 -0.66 0.00	19.98 -0.51 0.00	21.19 -0.61 0.00	22.20 -0.76 0.00	23.53 -0.88 0.00	24.76 -0.82 0.00	26.17 -0.84 0.00	26.22 -0.84 0.00	32.44 -0.83 0.00	39.48 -0.80 -0.12	41.88 -0.46 -0.08	39.01 -0.12 -0.17	38.50 -0.15 -0.14	32.39 -0.10 0.00	28.22 -0.17 0.00	25.31 -0.31 0.00
CORNELL_____ 23752	23.71 0.49 0.00	22.40 0.37 0.00	20.53 0.30 0.00	19.59 0.27 0.00	19.32 0.25 0.00	19.50 0.27 0.00	20.93 0.37 0.00	20.30 0.36 0.00	20.07 0.20 0.00	20.72 0.23 0.00	22.07 0.26 0.00	23.23 0.28 0.00	24.68 0.27 0.00	25.93 0.36 0.00	27.23 0.22 0.00	27.51 0.46 0.00	33.97 0.70 0.00	40.90 0.88 0.15	43.23 1.06 0.09	39.68 0.93 0.20	39.23 0.89 0.17	33.40 0.91 0.00	29.16 0.77 0.00	26.13 0.51 0.00

CORONA_69_KV_TB1 355595	28.97 1.60 -4.14	25.26 1.52 -1.72	23.74 1.36 -2.15	22.01 1.29 -1.40	20.44 1.26 -0.10	20.85 1.29 -0.33	21.81 1.25 0.00	21.08 1.14 0.00	21.26 1.39 0.00	21.97 1.48 0.00	31.26 1.61 -7.85	32.90 1.77 -8.18	35.35 2.20 -8.75	39.59 2.30 -11.71	39.88 2.59 -10.27	43.52 2.87 -13.60	62.87 3.33 -26.28	54.71 3.98 -10.57	46.15 3.89 0.00	45.27 3.51 -2.81	42.33 3.43 -0.39	37.10 2.83 -1.78	33.16 2.50 -2.27	31.35 1.92 -3.81
CORTLAND_115KV_TB3 80093	23.51 0.28 0.00	22.24 0.22 0.00	20.39 0.16 0.00	19.46 0.14 0.00	19.19 0.11 0.00	19.36 0.13 0.00	20.76 0.21 0.00	20.14 0.20 0.00	19.95 0.08 0.00	20.62 0.12 0.00	21.96 0.15 0.00	23.14 0.18 0.00	24.55 0.15 0.00	25.78 0.20 0.00	27.09 0.08 0.00	27.38 0.32 0.00	33.74 0.47 0.00	40.59 0.56 0.13	42.81 0.63 0.08	39.28 0.51 0.18	38.86 0.50 0.15	33.08 0.58 0.00	28.85 0.45 0.00	25.87 0.26 0.00
COXSACKIE___GT 23611	24.53 1.30 0.00	23.25 1.23 0.00	21.53 1.30 0.00	20.64 1.31 0.00	20.32 1.24 0.00	20.38 1.15 0.00	21.73 1.17 0.00	20.94 1.00 0.00	20.90 1.03 0.00	21.19 0.70 0.00	22.26 0.46 0.00	23.37 0.41 0.00	25.09 0.68 0.00	26.24 0.66 0.00	28.17 1.16 0.00	28.41 1.35 0.00	35.03 1.76 0.00	42.41 2.25 0.00	44.97 2.71 0.00	41.72 2.77 0.00	41.36 2.85 0.00	34.73 2.24 0.00	30.24 1.84 0.00	27.08 1.46 0.00
CPV_VALLEY___CC1 323721	23.90 0.67 0.00	22.68 0.66 0.00	20.80 0.57 0.00	19.86 0.54 0.00	19.61 0.53 0.00	19.77 0.54 0.00	21.07 0.51 0.00	20.46 0.52 0.00	20.48 0.62 0.00	21.13 0.64 0.00	22.48 0.68 0.00	23.69 0.73 0.00	25.46 1.05 0.00	26.65 1.07 0.00	28.50 1.48 0.00	28.60 1.54 0.00	34.97 1.70 0.00	42.17 2.01 0.00	44.17 1.90 0.00	40.71 1.75 0.00	40.21 1.69 0.00	33.82 1.33 0.00	29.61 1.22 0.00	26.46 0.84 0.00
CPV_VALLEY___CC2 323722	23.90 0.67 0.00	22.68 0.66 0.00	20.80 0.57 0.00	19.86 0.54 0.00	19.61 0.53 0.00	19.77 0.54 0.00	21.07 0.51 0.00	20.46 0.52 0.00	20.48 0.62 0.00	21.13 0.64 0.00	22.48 0.68 0.00	23.69 0.73 0.00	25.46 1.05 0.00	26.65 1.07 0.00	28.50 1.48 0.00	28.60 1.54 0.00	34.97 1.70 0.00	42.17 2.01 0.00	44.17 1.90 0.00	40.71 1.75 0.00	40.21 1.69 0.00	33.82 1.33 0.00	29.61 1.22 0.00	26.46 0.84 0.00
CRESCENT___HYD 24018	24.22 1.00 0.00	23.01 0.99 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.06 0.83 0.00	21.38 0.82 0.00	20.72 0.78 0.00	20.72 0.85 0.00	21.23 0.74 0.00	22.48 0.68 0.00	23.69 0.73 0.00	25.36 0.95 0.00	26.50 0.92 0.00	28.34 1.32 0.00	28.41 1.35 0.00	34.97 1.70 0.00	42.05 1.89 0.00	44.21 1.95 0.00	40.90 1.95 0.00	40.48 1.96 0.00	34.02 1.53 0.00	29.73 1.33 0.00	26.62 1.00 0.00
CRICKET___VALLEY_CC1 323756	24.11 0.88 0.00	22.92 0.90 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.86 0.78 0.00	19.98 0.75 0.00	21.30 0.74 0.00	20.68 0.74 0.00	20.70 0.83 0.00	21.29 0.80 0.00	22.61 0.81 0.00	23.82 0.87 0.00	25.60 1.20 0.00	26.78 1.20 0.00	28.66 1.65 0.00	28.70 1.65 0.00	35.20 1.93 0.00	42.49 2.33 0.00	44.50 2.24 0.00	41.13 2.18 0.00	40.63 2.12 0.00	34.08 1.59 0.00	29.81 1.42 0.00	26.62 1.00 0.00
CRICKET___VALLEY_CC2 323757	24.11 0.88 0.00	22.92 0.90 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.86 0.78 0.00	19.98 0.75 0.00	21.30 0.74 0.00	20.68 0.74 0.00	20.70 0.83 0.00	21.29 0.80 0.00	22.61 0.81 0.00	23.82 0.87 0.00	25.60 1.20 0.00	26.78 1.20 0.00	28.66 1.65 0.00	28.70 1.65 0.00	35.20 1.93 0.00	42.49 2.33 0.00	44.50 2.24 0.00	41.13 2.18 0.00	40.63 2.12 0.00	34.08 1.59 0.00	29.81 1.42 0.00	26.62 1.00 0.00
CRICKET___VALLEY_CC3 323758	24.11 0.88 0.00	22.92 0.90 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.86 0.78 0.00	19.98 0.75 0.00	21.30 0.74 0.00	20.68 0.74 0.00	20.70 0.83 0.00	21.29 0.80 0.00	22.61 0.81 0.00	23.82 0.87 0.00	25.60 1.20 0.00	26.78 1.20 0.00	28.66 1.65 0.00	28.70 1.65 0.00	35.20 1.93 0.00	42.49 2.33 0.00	44.50 2.24 0.00	41.13 2.18 0.00	40.63 2.12 0.00	34.08 1.59 0.00	29.81 1.42 0.00	26.62 1.00 0.00
CRUCIBLE_METL_DRP 24180	23.25 0.02 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.02 -0.06 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.96 0.02 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	26.80 -0.22 0.00	27.05 0.00 0.00	33.34 0.07 0.00	40.24 0.08 0.00	42.35 0.08 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.56 0.06 0.00	28.45 0.06 0.00	25.54 -0.08 0.00
DAHOWA___HYDRO 323763	24.83 1.60 0.00	23.58 1.56 0.00	21.67 1.44 0.00	20.67 1.35 0.00	20.30 1.22 0.00	20.42 1.19 0.00	21.81 1.25 0.00	21.02 1.08 0.00	21.06 1.19 0.00	21.56 1.06 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.77 1.37 0.00	26.96 1.38 0.00	28.87 1.86 0.00	29.06 2.00 0.00	35.77 2.50 0.00	42.93 2.77 0.00	45.31 3.04 0.00	41.91 2.96 0.00	41.56 3.04 0.00	34.93 2.44 0.00	30.58 2.19 0.00	27.36 1.74 0.00
DANC___LFGE 323619	22.69 -0.53 0.00	21.47 -0.55 0.00	19.69 -0.55 0.00	18.76 -0.56 0.00	18.56 -0.51 0.00	18.71 -0.52 0.00	20.07 -0.49 0.00	19.44 -0.50 0.00	19.27 -0.60 0.00	20.00 -0.49 0.00	21.24 -0.57 0.00	22.29 -0.67 0.00	23.60 -0.80 0.00	24.78 -0.79 0.00	26.23 -0.78 0.00	26.27 -0.79 0.00	32.44 -0.83 0.00	39.49 -0.85 -0.17	41.74 -0.63 -0.11	38.80 -0.39 -0.23	38.32 -0.39 -0.19	32.20 -0.29 0.00	28.08 -0.31 0.00	25.16 -0.46 0.00
DANSKAMMER___1 23586	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.80 0.86 0.00	20.86 0.99 0.00	21.50 1.00 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.16 1.59 0.00	29.12 2.11 0.00	29.24 2.19 0.00	35.77 2.50 0.00	43.21 3.05 0.00	45.27 3.00 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.27 1.87 0.00	27.00 1.38 0.00
DANSKAMMER___2 23589	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.80 0.86 0.00	20.86 0.99 0.00	21.50 1.00 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.16 1.59 0.00	29.12 2.11 0.00	29.24 2.19 0.00	35.77 2.50 0.00	43.21 3.05 0.00	45.27 3.00 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.27 1.87 0.00	27.00 1.38 0.00
DANSKAMMER___3 23590	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.80 0.86 0.00	20.86 0.99 0.00	21.50 1.00 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.16 1.59 0.00	29.12 2.11 0.00	29.24 2.19 0.00	35.77 2.50 0.00	43.21 3.05 0.00	45.27 3.00 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.27 1.87 0.00	27.00 1.38 0.00

DANSKAMMER___4 23591	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.80 0.86 0.00	20.86 0.99 0.00	21.50 1.00 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.16 1.59 0.00	29.12 2.11 0.00	29.24 2.19 0.00	35.77 2.50 0.00	43.21 3.05 0.00	45.27 3.00 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.27 1.87 0.00	27.00 1.38 0.00
DANSKAMMER___DIESEL 23592	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.80 0.86 0.00	20.86 0.99 0.00	21.50 1.00 0.00	22.83 1.02 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.16 1.59 0.00	28.90 1.89 0.00	29.22 2.16 0.00	35.77 2.50 0.00	43.22 3.05 0.00	45.27 3.00 0.00	41.72 2.77 0.00	41.21 2.70 0.00	34.64 2.14 0.00	30.30 1.90 0.00	27.00 1.38 0.00
DARBY___SOLAR 323810	24.71 1.49 0.00	23.50 1.48 0.00	21.57 1.33 0.00	20.60 1.27 0.00	20.24 1.16 0.00	20.36 1.13 0.00	21.73 1.17 0.00	20.96 1.02 0.00	21.00 1.13 0.00	21.50 1.00 0.00	22.76 0.96 0.00	24.01 1.06 0.00	25.70 1.29 0.00	26.88 1.30 0.00	28.77 1.75 0.00	28.95 1.89 0.00	35.63 2.36 0.00	42.77 2.61 0.00	45.10 2.83 0.00	41.72 2.77 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.05 0.00	27.23 1.61 0.00
DASHVILLE___HYD 23610	24.04 0.81 0.00	22.79 0.77 0.00	20.88 0.65 0.00	19.94 0.62 0.00	19.69 0.61 0.00	19.83 0.60 0.00	21.11 0.56 0.00	20.48 0.54 0.00	20.52 0.66 0.00	21.19 0.70 0.00	22.52 0.72 0.00	23.73 0.78 0.00	25.56 1.15 0.00	26.80 1.23 0.00	28.52 1.51 0.00	28.81 1.76 0.00	35.27 2.00 0.00	42.57 2.41 0.00	44.55 2.28 0.00	41.06 2.10 0.00	40.56 2.04 0.00	34.08 1.59 0.00	29.84 1.45 0.00	26.62 1.00 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	29.39 2.02 -4.14	25.72 1.98 -1.72	24.23 1.84 -2.15	22.55 1.84 -1.40	21.01 1.83 -0.10	21.42 1.87 -0.33	22.45 1.89 0.00	21.38 1.44 0.00	21.76 1.89 0.00	22.52 2.03 0.00	31.92 2.27 -7.85	33.66 2.52 -8.18	36.21 3.05 -8.75	40.72 3.43 -11.71	41.15 3.86 -10.27	44.79 4.14 -13.60	64.37 4.82 -26.28	56.48 5.74 -10.57	48.01 5.75 0.00	46.90 5.14 -2.81	43.87 4.97 -0.39	38.11 3.83 -1.78	33.90 3.24 -2.27	31.87 2.43 -3.81
DELAWARE___LFGE 323621	23.88 0.65 0.00	22.59 0.57 0.00	20.74 0.51 0.00	19.78 0.46 0.00	19.53 0.46 0.00	19.69 0.46 0.00	21.07 0.51 0.00	20.44 0.50 0.00	20.34 0.48 0.00	21.01 0.51 0.00	22.33 0.52 0.00	23.53 0.57 0.00	25.12 0.71 0.00	26.37 0.79 0.00	27.85 0.84 0.00	28.08 1.03 0.00	34.57 1.30 0.00	41.69 1.53 0.00	43.83 1.56 0.00	40.36 1.40 0.00	39.86 1.35 0.00	33.69 1.20 0.00	29.42 1.02 0.00	26.36 0.74 0.00
DERFIELD_115KV_TB7 355931	23.30 0.07 0.00	22.09 0.07 0.00	20.29 0.06 0.00	19.38 0.06 0.00	19.11 0.04 0.00	19.27 0.04 0.00	20.60 0.04 0.00	19.98 0.04 0.00	19.91 0.04 0.00	20.53 0.04 0.00	21.85 0.04 0.00	22.98 0.02 0.00	24.46 0.05 0.00	25.63 0.05 0.00	27.07 0.05 0.00	27.16 0.11 0.00	33.40 0.13 0.00	40.40 0.24 0.00	42.48 0.21 0.00	39.19 0.23 0.00	38.74 0.23 0.00	32.69 0.19 0.00	28.56 0.17 0.00	25.69 0.08 0.00
DOGLEVILLE___HYD 23807	23.44 0.21 0.00	22.20 0.18 0.00	20.37 0.14 0.00	19.46 0.14 0.00	19.21 0.13 0.00	19.37 0.14 0.00	20.72 0.16 0.00	20.08 0.14 0.00	19.99 0.12 0.00	20.62 0.12 0.00	21.94 0.13 0.00	23.04 0.09 0.00	24.51 0.10 0.00	25.70 0.13 0.00	27.23 0.22 0.00	27.22 0.16 0.00	33.51 0.23 0.00	40.45 0.28 0.00	42.56 0.30 0.00	39.26 0.31 0.00	38.82 0.31 0.00	32.91 0.42 0.00	28.76 0.37 0.00	25.87 0.26 0.00
DUNKIRK___115KV_TB_200 55889	23.11 -0.12 0.00	21.45 -0.57 0.00	19.77 -0.47 0.00	18.86 -0.46 0.00	18.60 -0.48 0.00	18.81 -0.42 0.00	20.41 -0.14 0.00	19.74 -0.20 0.00	19.35 -0.52 0.00	20.12 -0.37 0.00	21.85 0.04 0.00	23.16 0.21 0.00	24.51 0.10 0.00	25.93 0.36 0.00	26.47 -0.54 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	38.92 -0.76 0.48	41.41 -0.55 0.30	36.81 -1.48 0.66	36.42 -1.54 0.55	32.36 -0.13 0.00	28.05 -0.34 0.00	25.46 -0.15 0.00
DUNKIRK___1 23563	23.11 -0.12 0.00	21.45 -0.57 0.00	19.77 -0.47 0.00	18.86 -0.46 0.00	18.60 -0.48 0.00	18.81 -0.42 0.00	20.41 -0.14 0.00	19.74 -0.20 0.00	19.35 -0.52 0.00	20.12 -0.37 0.00	21.85 0.04 0.00	23.16 0.21 0.00	24.51 0.10 0.00	25.93 0.36 0.00	26.47 -0.54 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	38.92 -0.76 0.48	41.41 -0.55 0.30	36.81 -1.48 0.66	36.42 -1.54 0.55	32.36 -0.13 0.00	28.05 -0.34 0.00	25.46 -0.15 0.00
DUNKIRK___2 23564	23.11 -0.12 0.00	21.45 -0.57 0.00	19.77 -0.47 0.00	18.86 -0.46 0.00	18.60 -0.48 0.00	18.81 -0.42 0.00	20.41 -0.14 0.00	19.74 -0.20 0.00	19.35 -0.52 0.00	20.12 -0.37 0.00	21.85 0.04 0.00	23.16 0.21 0.00	24.51 0.10 0.00	25.93 0.36 0.00	26.47 -0.54 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	38.92 -0.76 0.48	41.41 -0.55 0.30	36.81 -1.48 0.66	36.42 -1.54 0.55	32.36 -0.13 0.00	28.05 -0.34 0.00	25.46 -0.15 0.00
DUNKIRK___3 23565	22.97 -0.26 0.00	21.34 -0.68 0.00	19.64 -0.59 0.00	18.76 -0.56 0.00	18.48 -0.59 0.00	18.71 -0.52 0.00	20.31 -0.25 0.00	19.62 -0.32 0.00	19.23 -0.64 0.00	20.00 -0.49 0.00	21.70 -0.11 0.00	23.00 0.05 0.00	24.34 -0.07 0.00	25.73 0.15 0.00	26.28 -0.73 0.00	26.81 -0.24 0.00	33.04 -0.23 0.00	38.64 -1.04 0.48	41.07 -0.89 0.30	36.54 -1.75 0.67	36.15 -1.81 0.55	32.13 -0.36 0.00	27.85 -0.54 0.00	25.28 -0.33 0.00
DUNKIRK___4 23566	22.97 -0.26 0.00	21.34 -0.68 0.00	19.64 -0.59 0.00	18.76 -0.56 0.00	18.48 -0.59 0.00	18.71 -0.52 0.00	20.31 -0.25 0.00	19.62 -0.32 0.00	19.23 -0.64 0.00	20.00 -0.49 0.00	21.70 -0.11 0.00	23.00 0.05 0.00	24.34 -0.07 0.00	25.73 0.15 0.00	26.28 -0.73 0.00	26.81 -0.24 0.00	33.04 -0.23 0.00	38.64 -1.04 0.48	41.07 -0.89 0.30	36.54 -1.75 0.67	36.15 -1.81 0.55	32.13 -0.36 0.00	27.85 -0.54 0.00	25.28 -0.33 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.86 0.92 0.00	20.94 1.07 0.00	21.60 1.11 0.00	23.00 1.20 0.00	24.26 1.31 0.00	26.12 1.71 0.00	27.37 1.79 0.00	29.07 2.05 0.00	29.38 2.33 0.00	35.90 2.63 0.00	43.30 3.13 0.00	45.27 3.00 0.00	41.72 2.77 0.00	41.21 2.70 0.00	34.67 2.18 0.00	30.32 1.93 0.00	27.03 1.41 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.18 0.95 0.00	22.95 0.92 0.00	21.04 0.81 0.00	20.09 0.77 0.00	19.82 0.74 0.00	20.00 0.77 0.00	21.30 0.74 0.00	20.66 0.72 0.00	20.72 0.85 0.00	21.35 0.86 0.00	22.70 0.89 0.00	23.92 0.96 0.00	25.75 1.34 0.00	26.98 1.41 0.00	28.69 1.67 0.00	29.00 1.95 0.00	35.50 2.23 0.00	42.85 2.69 0.00	44.89 2.62 0.00	41.37 2.42 0.00	40.86 2.35 0.00	34.34 1.85 0.00	30.04 1.65 0.00	26.80 1.18 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.50 1.28 0.00	23.25 1.23 0.00	21.32 1.09 0.00	20.34 1.02 0.00	20.05 0.97 0.00	20.19 0.96 0.00	21.46 0.90 0.00	20.86 0.92 0.00	20.94 1.07 0.00	21.64 1.15 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.00 2.73 0.00	43.42 3.25 0.00	45.31 3.04 0.00	41.72 2.77 0.00	41.21 2.70 0.00	34.70 2.21 0.00	30.44 2.04 0.00	27.15 1.54 0.00
E179THST_13_KV_LOAD 356214	24.62 1.39 0.00	23.36 1.34 0.00	21.42 1.19 0.00	20.42 1.10 0.00	20.13 1.05 0.00	20.29 1.06 0.00	21.57 1.01 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.74 1.25 0.00	23.22 1.42 0.00	24.44 1.49 0.00	26.34 1.93 0.00	27.60 2.02 0.00	29.39 2.38 0.00	29.73 2.68 0.00	36.17 2.89 0.00	43.62 3.45 0.00	45.56 3.30 0.00	41.92 2.96 0.00	41.44 2.93 0.00	34.86 2.37 0.00	30.58 2.19 0.00	27.28 1.67 0.00
EAST HAMPTON___GT 23717	29.63 2.25 -4.15	25.97 2.22 -1.72	24.46 2.06 -2.16	22.79 2.07 -1.40	21.27 2.08 -0.11	21.68 2.12 -0.34	22.74 2.18 0.00	21.64 1.69 0.00	22.05 2.19 0.00	22.86 2.36 -0.01	32.32 2.66 -7.85	34.12 2.98 -8.19	36.73 3.56 -8.75	41.29 3.99 -11.72	42.02 4.73 -10.28	45.34 4.68 -13.61	64.98 5.43 -26.28	57.13 6.39 -10.58	48.69 6.42 -0.01	47.50 5.73 -2.81	44.34 5.43 -0.40	38.53 4.26 -1.79	34.22 3.55 -2.27	32.15 2.71 -3.82
EAST RIVER___6 23660	24.41 1.18 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.70 1.21 0.00	23.13 1.33 0.00	24.40 1.45 0.00	26.26 1.85 0.00	27.50 1.92 0.00	29.47 2.46 0.00	29.57 2.52 0.00	36.07 2.80 0.00	43.41 3.25 0.00	45.35 3.08 0.00	41.80 2.84 0.00	41.32 2.81 0.00	34.77 2.27 0.00	30.38 1.99 0.00	27.10 1.49 0.00
EAST RIVER___7 23524	24.41 1.18 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.70 1.21 0.00	23.13 1.33 0.00	24.40 1.45 0.00	26.26 1.85 0.00	27.50 1.92 0.00	29.47 2.46 0.00	29.57 2.52 0.00	36.07 2.80 0.00	43.41 3.25 0.00	45.35 3.08 0.00	41.80 2.84 0.00	41.32 2.81 0.00	34.77 2.27 0.00	30.38 1.99 0.00	27.10 1.49 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.32 1.09 0.00	23.08 1.06 0.00	21.16 0.93 0.00	20.21 0.89 0.00	19.93 0.86 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.82 0.88 0.00	20.88 1.01 0.00	21.54 1.05 0.00	22.94 1.13 0.00	24.19 1.24 0.00	26.04 1.64 0.00	27.26 1.69 0.00	28.98 1.97 0.00	29.27 2.22 0.00	35.80 2.53 0.00	43.18 3.01 0.00	45.18 2.92 0.00	41.60 2.65 0.00	41.13 2.62 0.00	34.57 2.08 0.00	30.24 1.85 0.00	26.95 1.33 0.00
EAST_HAMPTON___DIESEL 23722	29.61 2.23 -4.15	25.95 2.20 -1.72	24.46 2.06 -2.16	22.79 2.07 -1.40	21.27 2.08 -0.11	21.68 2.12 -0.34	22.74 2.18 0.00	21.66 1.72 0.00	22.07 2.21 0.00	22.86 2.36 -0.01	32.32 2.66 -7.85	34.15 3.01 -8.19	36.75 3.59 -8.75	41.29 3.99 -11.72	42.02 4.73 -10.28	45.31 4.65 -13.61	64.94 5.39 -26.28	57.09 6.34 -10.58	48.66 6.38 -0.01	47.46 5.69 -2.81	44.30 5.39 -0.40	38.50 4.22 -1.79	34.19 3.52 -2.27	32.13 2.69 -3.82
EAST_POINT___SOLAR 323840	25.15 1.93 0.00	23.85 1.83 0.00	21.83 1.60 0.00	20.83 1.51 0.00	20.54 1.47 0.00	20.69 1.46 0.00	22.04 1.48 0.00	20.84 0.90 0.00	20.23 0.36 0.00	20.66 0.16 0.00	21.80 0.00 0.00	22.93 -0.02 0.00	24.60 0.19 0.00	25.78 0.20 0.00	27.50 0.49 0.00	28.03 0.97 0.00	34.64 1.36 0.00	43.26 3.09 0.00	46.24 3.97 0.00	42.26 3.31 0.00	42.36 3.85 0.00	35.84 3.35 0.00	31.18 2.78 0.00	27.85 2.23 0.00
EAST_PULASKI___ESR 323781	22.83 -0.39 0.00	21.60 -0.42 0.00	19.83 -0.40 0.00	18.91 -0.41 0.00	18.67 -0.40 0.00	18.83 -0.40 0.00	20.19 -0.37 0.00	19.56 -0.38 0.00	19.41 -0.46 0.00	20.08 -0.41 0.00	21.37 -0.44 0.00	22.45 -0.51 0.00	23.75 -0.66 0.00	24.91 -0.67 0.00	26.39 -0.62 0.00	26.43 -0.62 0.00	32.57 -0.70 0.00	39.75 -0.76 -0.35	41.81 -0.68 -0.22	38.90 -0.55 -0.49	38.38 -0.54 -0.41	32.10 -0.39 0.00	28.02 -0.37 0.00	25.13 -0.49 0.00
EAST_RIVER___1 323558	24.41 1.18 0.00	23.17 1.14 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.13 1.33 0.00	24.38 1.42 0.00	26.26 1.85 0.00	27.50 1.92 0.00	29.47 2.46 0.00	29.54 2.49 0.00	36.07 2.80 0.00	43.46 3.29 0.00	45.44 3.17 0.00	41.80 2.84 0.00	41.32 2.81 0.00	34.77 2.27 0.00	30.38 1.99 0.00	27.10 1.49 0.00
EAST_RIVER___2 323559	24.41 1.18 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.19 0.96 0.00	21.51 0.95 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.70 1.21 0.00	23.13 1.33 0.00	24.40 1.45 0.00	26.26 1.85 0.00	27.50 1.92 0.00	29.47 2.46 0.00	29.57 2.52 0.00	36.07 2.80 0.00	43.41 3.25 0.00	45.35 3.08 0.00	41.80 2.84 0.00	41.32 2.81 0.00	34.77 2.27 0.00	30.38 1.99 0.00	27.10 1.49 0.00
EAST___DELAWARE_HYD 23607	24.34 1.11 0.00	23.06 1.04 0.00	21.10 0.87 0.00	20.15 0.83 0.00	19.90 0.82 0.00	20.06 0.83 0.00	21.38 0.82 0.00	20.74 0.80 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.74 0.94 0.00	23.94 0.99 0.00	25.77 1.37 0.00	27.06 1.48 0.00	28.98 1.97 0.00	29.11 2.06 0.00	35.67 2.40 0.00	43.09 2.93 0.00	45.18 2.91 0.00	41.64 2.69 0.00	41.17 2.66 0.00	34.60 2.11 0.00	30.27 1.87 0.00	27.03 1.41 0.00
EIGHT_POINT___WT_PWR 323820	24.22 1.00 0.00	22.68 0.66 0.00	20.80 0.57 0.00	19.86 0.54 0.00	19.57 0.50 0.00	19.79 0.56 0.00	21.30 0.74 0.00	20.60 0.66 0.00	20.15 0.28 0.00	20.96 0.47 0.00	22.52 0.72 0.00	23.85 0.89 0.00	25.36 0.95 0.00	26.75 1.18 0.00	28.28 1.27 0.00	28.24 1.19 0.00	34.87 1.60 0.00	41.60 1.77 0.33	44.17 2.11 0.21	39.63 1.13 0.45	39.18 1.04 0.38	34.34 1.85 0.00	30.13 1.73 0.00	26.95 1.33 0.00
ELBRIDGE_115KV_TB2 80188	23.16 -0.07 0.00	21.91 -0.11 0.00	20.11 -0.12 0.00	19.20 -0.12 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.48 -0.08 0.00	19.88 -0.06 0.00	19.71 -0.16 0.00	20.37 -0.12 0.00	21.72 -0.09 0.00	22.86 -0.09 0.00	24.19 -0.22 0.00	25.37 -0.20 0.00	26.66 -0.35 0.00	26.92 -0.14 0.00	33.17 -0.10 0.00	40.00 -0.16 0.00	42.10 -0.17 0.00	38.72 -0.23 0.00	38.32 -0.19 0.00	32.43 -0.06 0.00	28.31 -0.09 0.00	25.41 -0.20 0.00
ELEC_TRO_TEK 24086	28.81 1.44 -4.14	25.12 1.39 -1.72	23.62 1.23 -2.15	21.90 1.18 -1.40	20.32 1.14 -0.10	20.75 1.19 -0.33	21.71 1.15 0.00	20.98 1.04 0.00	21.16 1.29 0.00	21.87 1.37 0.00	31.13 1.48 -7.85	32.76 1.63 -8.18	35.18 2.03 -8.75	39.41 2.12 -11.71	39.69 2.40 -10.27	43.30 2.65 -13.60	62.61 3.06 -26.28	54.39 3.65 -10.57	45.81 3.55 0.00	44.99 3.23 -2.81	42.06 3.16 -0.39	36.87 2.60 -1.78	32.96 2.30 -2.27	31.17 1.74 -3.81

ELLENBURG_WT_PWR 323604	22.78 -0.44 0.00	21.65 -0.37 0.00	19.87 -0.36 0.00	18.99 -0.33 0.00	18.83 -0.25 0.00	19.02 -0.21 0.00	20.33 -0.23 0.00	19.76 -0.18 0.00	19.79 -0.08 0.00	20.39 -0.10 0.00	21.70 -0.11 0.00	22.88 -0.07 0.00	24.29 -0.12 0.00	25.42 -0.15 0.00	26.55 -0.46 0.00	26.62 -0.43 0.00	32.87 -0.40 0.00	39.76 -0.40 0.00	42.52 0.26 0.00	39.07 0.12 0.00	38.59 0.08 0.00	32.46 -0.03 0.00	28.34 -0.06 0.00	25.80 0.18 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.74 -0.49 0.00	21.10 -0.92 0.00	19.44 -0.79 0.00	18.55 -0.77 0.00	18.29 -0.78 0.00	18.52 -0.71 0.00	20.11 -0.45 0.00	19.42 -0.52 0.00	19.03 -0.83 0.00	19.78 -0.72 0.00	21.46 -0.35 0.00	22.70 -0.25 0.00	23.97 -0.44 0.00	25.37 -0.20 0.00	25.85 -1.16 0.00	26.38 -0.68 0.00	32.51 -0.77 0.00	37.89 -1.77 0.50	40.38 -1.56 0.32	36.00 -2.26 0.70	35.70 -2.23 0.58	31.65 -0.84 0.00	27.40 -0.99 0.00	24.95 -0.67 0.00
EMPIRE_CC_1 323656	23.85 0.63 0.00	22.66 0.64 0.00	20.90 0.67 0.00	19.98 0.66 0.00	19.70 0.63 0.00	19.81 0.58 0.00	21.09 0.53 0.00	20.44 0.50 0.00	20.46 0.60 0.00	20.98 0.49 0.00	22.20 0.39 0.00	23.39 0.44 0.00	24.99 0.58 0.00	26.11 0.54 0.00	27.88 0.86 0.00	27.92 0.87 0.00	34.34 1.06 0.00	41.33 1.17 0.00	43.41 1.14 0.00	40.16 1.21 0.00	39.71 1.20 0.00	33.37 0.88 0.00	29.16 0.77 0.00	26.13 0.51 0.00
EMPIRE_CC_2 323658	23.85 0.63 0.00	22.66 0.64 0.00	20.90 0.67 0.00	19.98 0.66 0.00	19.70 0.63 0.00	19.81 0.58 0.00	21.09 0.53 0.00	20.44 0.50 0.00	20.46 0.60 0.00	20.98 0.49 0.00	22.20 0.39 0.00	23.39 0.44 0.00	24.99 0.58 0.00	26.11 0.54 0.00	27.88 0.86 0.00	27.92 0.87 0.00	34.34 1.06 0.00	41.33 1.17 0.00	43.41 1.14 0.00	40.16 1.21 0.00	39.71 1.20 0.00	33.37 0.88 0.00	29.16 0.77 0.00	26.13 0.51 0.00
ENORWICH_115KV_TB1 80156	24.88 1.65 0.00	23.43 1.41 0.00	21.42 1.19 0.00	20.42 1.10 0.00	20.14 1.07 0.00	20.33 1.10 0.00	21.94 1.38 0.00	21.26 1.32 0.00	20.88 1.01 0.00	21.56 1.07 0.00	22.87 1.07 0.00	24.01 1.06 0.00	25.60 1.20 0.00	27.01 1.43 0.00	28.34 1.32 0.00	28.70 1.65 0.00	35.70 2.43 0.00	43.01 2.97 0.13	45.69 3.51 0.08	42.05 3.27 0.17	41.49 3.12 0.14	35.35 2.86 0.00	30.78 2.39 0.00	27.54 1.92 0.00
ERIE_ST_34_KV_TB1-2 80199	22.95 -0.28 0.00	21.29 -0.73 0.00	19.60 -0.63 0.00	18.72 -0.60 0.00	18.47 -0.61 0.00	18.67 -0.56 0.00	20.27 -0.29 0.00	19.54 -0.40 0.00	19.17 -0.70 0.00	19.92 -0.57 0.00	21.65 -0.15 0.00	22.95 0.00 0.00	24.26 -0.15 0.00	25.70 0.13 0.00	26.23 -0.78 0.00	26.78 -0.27 0.00	33.00 -0.27 0.00	38.55 -1.12 0.49	41.03 -0.93 0.31	36.02 -2.26 0.67	35.64 -2.31 0.56	32.00 -0.49 0.00	27.77 -0.62 0.00	25.28 -0.33 0.00
ERIE_WT_PWR 323693	22.88 -0.35 0.00	21.23 -0.79 0.00	19.56 -0.67 0.00	18.66 -0.66 0.00	18.41 -0.67 0.00	18.67 -0.56 0.00	20.23 -0.33 0.00	19.54 -0.40 0.00	19.13 -0.73 0.00	19.88 -0.61 0.00	21.59 -0.22 0.00	22.84 -0.11 0.00	24.14 -0.27 0.00	25.60 0.03 0.00	26.96 -0.05 0.00	26.65 -0.41 0.00	32.77 -0.50 0.00	38.23 -1.44 0.49	40.73 -1.23 0.31	36.21 -2.07 0.68	35.87 -2.08 0.57	31.87 -0.62 0.00	27.85 -0.54 0.00	25.18 -0.44 0.00
ESPRGFLD_115KV_TB1 80157	24.53 1.30 0.00	23.21 1.19 0.00	21.22 0.99 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.15 0.92 0.00	21.59 1.03 0.00	20.82 0.88 0.00	20.60 0.74 0.00	21.21 0.72 0.00	22.50 0.70 0.00	23.69 0.73 0.00	25.31 0.90 0.00	26.60 1.02 0.00	28.09 1.08 0.00	28.49 1.43 0.00	35.13 1.86 0.00	42.69 2.53 0.00	45.14 2.87 0.00	41.49 2.53 0.00	41.13 2.62 0.00	34.86 2.37 0.00	30.35 1.96 0.00	27.15 1.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.67 0.44 0.00	22.37 0.35 0.00	20.51 0.28 0.00	19.57 0.25 0.00	19.30 0.23 0.00	19.48 0.25 0.00	20.91 0.35 0.00	20.28 0.34 0.00	20.05 0.18 0.00	20.70 0.20 0.00	22.04 0.24 0.00	23.20 0.25 0.00	24.65 0.24 0.00	25.88 0.31 0.00	27.17 0.16 0.00	27.49 0.43 0.00	33.94 0.67 0.00	40.87 0.84 0.14	43.19 1.01 0.09	39.62 0.86 0.19	39.20 0.85 0.16	33.34 0.84 0.00	29.10 0.71 0.00	26.10 0.49 0.00
ETNA____115KV_TB2 80207	23.67 0.44 0.00	22.37 0.35 0.00	20.51 0.28 0.00	19.57 0.25 0.00	19.30 0.23 0.00	19.48 0.25 0.00	20.91 0.35 0.00	20.28 0.34 0.00	20.05 0.18 0.00	20.70 0.20 0.00	22.04 0.24 0.00	23.20 0.25 0.00	24.65 0.24 0.00	25.88 0.31 0.00	27.17 0.16 0.00	27.49 0.43 0.00	33.94 0.67 0.00	40.87 0.84 0.14	43.19 1.01 0.09	39.62 0.86 0.19	39.20 0.85 0.16	33.34 0.84 0.00	29.10 0.71 0.00	26.10 0.49 0.00
EUCLID____115KV_TB2 356179	23.02 -0.21 0.00	21.80 -0.22 0.00	20.01 -0.22 0.00	19.11 -0.21 0.00	18.85 -0.23 0.00	19.00 -0.23 0.00	20.37 -0.19 0.00	19.76 -0.18 0.00	19.61 -0.26 0.00	20.27 -0.23 0.00	21.61 -0.20 0.00	22.72 -0.23 0.00	24.04 -0.37 0.00	25.22 -0.36 0.00	26.50 -0.51 0.00	26.73 -0.32 0.00	32.91 -0.37 0.00	39.41 -0.44 0.31	41.60 -0.46 0.20	38.06 -0.47 0.43	37.69 -0.46 0.36	32.20 -0.29 0.00	28.11 -0.28 0.00	25.23 -0.38 0.00
E_CANADA_CAP_HY 24051	24.95 1.72 0.00	23.65 1.63 0.00	21.65 1.42 0.00	20.65 1.33 0.00	20.37 1.30 0.00	20.54 1.31 0.00	21.94 1.38 0.00	21.02 1.08 0.00	20.74 0.87 0.00	21.21 0.72 0.00	22.46 0.65 0.00	23.64 0.69 0.00	25.29 0.88 0.00	26.52 0.95 0.00	28.28 1.27 0.00	28.65 1.60 0.00	35.30 2.03 0.00	43.13 2.97 0.00	45.77 3.51 0.00	42.07 3.12 0.00	41.90 3.39 0.00	35.48 2.99 0.00	30.86 2.47 0.00	27.59 1.97 0.00
E_CANADA_MHWK_HY 24050	23.44 0.21 0.00	22.20 0.18 0.00	20.37 0.14 0.00	19.46 0.14 0.00	19.21 0.13 0.00	19.37 0.14 0.00	20.72 0.16 0.00	20.08 0.14 0.00	19.99 0.12 0.00	20.62 0.12 0.00	21.94 0.13 0.00	23.04 0.09 0.00	24.51 0.10 0.00	25.70 0.13 0.00	27.23 0.22 0.00	27.22 0.16 0.00	33.51 0.23 0.00	40.45 0.28 0.00	42.56 0.30 0.00	39.26 0.31 0.00	38.82 0.31 0.00	32.91 0.42 0.00	28.76 0.37 0.00	25.87 0.26 0.00
E_FISHKILL____LBMP 23776	24.18 0.95 0.00	22.95 0.92 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.86 0.78 0.00	20.02 0.79 0.00	21.32 0.76 0.00	20.70 0.76 0.00	20.74 0.87 0.00	21.37 0.88 0.00	22.74 0.94 0.00	23.99 1.03 0.00	25.78 1.37 0.00	26.98 1.41 0.00	28.66 1.65 0.00	28.95 1.89 0.00	35.47 2.20 0.00	42.73 2.57 0.00	44.76 2.49 0.00	41.25 2.30 0.00	40.79 2.27 0.00	34.28 1.79 0.00	29.98 1.59 0.00	26.75 1.13 0.00
FALCON____SEABRD_CC1 323796	23.30 0.07 0.00	22.15 0.13 0.00	20.31 0.08 0.00	19.42 0.10 0.00	19.25 0.17 0.00	19.46 0.23 0.00	20.79 0.23 0.00	20.22 0.28 0.00	20.24 0.38 0.00	20.62 0.12 0.00	21.96 0.15 0.00	23.16 0.21 0.00	24.56 0.15 0.00	25.70 0.13 0.00	26.88 -0.13 0.00	26.95 -0.11 0.00	33.37 0.10 0.00	40.41 0.24 0.00	43.78 1.52 0.00	40.12 1.17 0.00	39.63 1.12 0.00	33.30 0.81 0.00	29.05 0.65 0.00	26.44 0.82 0.00

FALCON___SEABRD_CC2 323797	23.30 0.07 0.00	22.15 0.13 0.00	20.31 0.08 0.00	19.42 0.10 0.00	19.25 0.17 0.00	19.46 0.23 0.00	20.79 0.23 0.00	20.22 0.28 0.00	20.24 0.38 0.00	20.62 0.12 0.00	21.96 0.15 0.00	23.16 0.21 0.00	24.56 0.15 0.00	25.70 0.13 0.00	26.88 -0.13 0.00	26.95 -0.11 0.00	33.37 0.10 0.00	40.41 0.24 0.00	43.78 1.52 0.00	40.12 1.17 0.00	39.63 1.12 0.00	33.30 0.81 0.00	29.05 0.65 0.00	26.44 0.82 0.00
FAR ROCKAWAY___4 23548	29.18 1.81 -4.14	25.43 1.70 -1.72	23.90 1.52 -2.15	22.15 1.43 -1.40	20.57 1.39 -0.10	21.00 1.44 -0.33	21.96 1.40 0.00	21.22 1.28 0.00	21.40 1.53 0.00	22.11 1.62 0.00	31.46 1.81 -7.85	33.13 2.00 -8.18	35.59 2.44 -8.75	39.87 2.58 -11.71	40.17 2.89 -10.27	43.82 3.17 -13.60	63.27 3.73 -26.28	55.15 4.42 -10.57	46.62 4.35 0.00	45.70 3.93 -2.81	42.75 3.85 -0.39	37.46 3.18 -1.78	33.44 2.78 -2.27	31.58 2.15 -3.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.41 1.18 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.13 1.33 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.10 2.83 0.00	43.50 3.33 0.00	45.43 3.17 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.77 2.27 0.00	30.44 2.04 0.00	27.13 1.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.43 1.21 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.13 1.33 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.10 2.83 0.00	43.50 3.33 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.13 1.51 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.13 1.33 0.00	24.38 1.42 0.00	26.24 1.83 0.00	27.49 1.92 0.00	29.23 2.22 0.00	29.54 2.49 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.33 2.81 0.00	34.77 2.27 0.00	30.41 2.02 0.00	27.10 1.49 0.00
FARRAGUT___LBMP 323566	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.24 1.83 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.42 3.25 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00
FENNER___WINDPWR 24204	23.65 0.42 0.00	22.37 0.35 0.00	20.51 0.28 0.00	19.57 0.25 0.00	19.31 0.23 0.00	19.48 0.25 0.00	20.89 0.33 0.00	20.24 0.30 0.00	20.07 0.20 0.00	20.76 0.27 0.00	22.09 0.28 0.00	23.23 0.28 0.00	24.68 0.27 0.00	25.93 0.36 0.00	27.44 0.43 0.00	27.51 0.46 0.00	33.94 0.67 0.00	40.88 0.84 0.13	43.16 0.97 0.08	39.68 0.90 0.18	39.21 0.85 0.15	33.30 0.81 0.00	29.07 0.68 0.00	26.08 0.46 0.00
FIBERTEK___ENERGY 23856	23.25 0.02 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.02 -0.06 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.96 0.02 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	26.80 -0.22 0.00	27.05 0.00 0.00	33.34 0.07 0.00	40.24 0.08 0.00	42.35 0.08 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.56 0.06 0.00	28.45 0.06 0.00	25.54 -0.08 0.00
FITZPATRICK____ 23598	22.74 -0.49 0.00	21.56 -0.46 0.00	19.79 -0.45 0.00	18.90 -0.43 0.00	18.66 -0.42 0.00	18.81 -0.42 0.00	20.15 -0.41 0.00	19.54 -0.40 0.00	19.41 -0.46 0.00	20.04 -0.45 0.00	21.37 -0.44 0.00	22.47 -0.48 0.00	23.73 -0.68 0.00	24.86 -0.72 0.00	26.31 -0.70 0.00	26.32 -0.73 0.00	32.41 -0.87 0.00	39.08 -1.08 0.00	41.17 -1.10 0.00	37.90 -1.05 0.00	37.48 -1.04 0.00	31.71 -0.78 0.00	27.68 -0.71 0.00	24.90 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	29.11 1.74 -4.14	25.43 1.70 -1.72	23.94 1.56 -2.15	22.22 1.51 -1.40	20.67 1.49 -0.10	21.08 1.52 -0.33	22.04 1.48 0.00	21.14 1.20 0.00	21.42 1.55 0.00	22.15 1.66 0.00	31.44 1.79 -7.85	33.06 1.93 -8.18	35.52 2.37 -8.75	39.92 2.63 -11.71	40.31 3.03 -10.27	44.01 3.35 -13.60	63.27 3.73 -26.28	55.19 4.46 -10.57	46.66 4.40 0.00	45.73 3.97 -2.81	43.02 4.12 -0.39	37.42 3.15 -1.78	33.38 2.73 -2.27	31.48 2.05 -3.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.41 1.18 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.84 0.90 0.00	20.90 1.03 0.00	21.52 1.02 0.00	22.85 1.05 0.00	24.08 1.12 0.00	25.95 1.54 0.00	27.21 1.64 0.00	28.96 1.94 0.00	29.30 2.25 0.00	35.87 2.60 0.00	43.30 3.13 0.00	45.35 3.09 0.00	41.80 2.84 0.00	41.33 2.81 0.00	34.70 2.21 0.00	30.35 1.96 0.00	27.05 1.43 0.00
FORT ORANGE____ 23900	23.78 0.56 0.00	22.59 0.57 0.00	20.94 0.71 0.00	20.04 0.72 0.00	19.74 0.67 0.00	19.85 0.62 0.00	21.16 0.60 0.00	20.48 0.54 0.00	20.48 0.62 0.00	20.90 0.41 0.00	22.11 0.31 0.00	23.30 0.34 0.00	24.90 0.49 0.00	26.01 0.43 0.00	27.80 0.78 0.00	27.89 0.84 0.00	34.34 1.06 0.00	41.33 1.17 0.00	43.49 1.23 0.00	40.24 1.28 0.00	39.82 1.31 0.00	33.47 0.97 0.00	29.22 0.82 0.00	26.16 0.54 0.00
FORT_DRUM_COGEN 23780	22.62 -0.60 0.00	21.38 -0.64 0.00	19.58 -0.65 0.00	18.66 -0.66 0.00	18.50 -0.57 0.00	18.63 -0.60 0.00	20.00 -0.56 0.00	19.38 -0.56 0.00	19.19 -0.68 0.00	19.98 -0.51 0.00	21.17 -0.63 0.00	22.17 -0.78 0.00	23.53 -0.88 0.00	24.73 -0.84 0.00	26.09 -0.92 0.00	26.19 -0.87 0.00	32.41 -0.87 0.00	39.46 -0.80 -0.10	41.91 -0.42 -0.06	39.02 -0.08 -0.14	38.52 -0.12 0.00	32.43 -0.06 0.00	28.22 -0.17 0.00	25.34 -0.28 0.00
FOX_HILLS___ESR 323835	24.57 1.35 0.00	23.30 1.28 0.00	21.34 1.11 0.00	20.34 1.02 0.00	20.07 0.99 0.00	20.25 1.02 0.00	21.57 1.01 0.00	20.96 1.02 0.00	21.04 1.17 0.00	21.78 1.29 0.00	23.29 1.48 0.00	24.51 1.56 0.00	26.43 2.03 0.00	27.72 2.15 0.00	33.26 2.49 -3.76	52.97 2.79 -23.13	36.33 3.06 0.00	43.78 3.61 0.00	45.73 3.47 0.00	42.03 3.08 0.00	41.56 3.04 0.00	35.03 2.53 0.00	30.44 2.04 0.00	27.13 1.51 0.00
FPL FAR_ROCK_GT1 24212	29.19 1.81 -4.15	25.44 1.70 -1.72	23.91 1.52 -2.16	22.15 1.43 -1.40	20.58 1.39 -0.11	20.99 1.42 -0.34	21.96 1.40 0.00	21.22 1.28 0.00	21.40 1.53 0.00	22.12 1.62 0.00	31.47 1.81 -7.85	33.14 2.00 -8.19	35.60 2.44 -8.75	39.85 2.56 -11.72	40.45 3.16 -10.28	43.85 3.19 -13.61	63.28 3.73 -26.28	55.16 4.42 -10.58	46.63 4.35 -0.01	45.70 3.93 -2.81	42.76 3.85 -0.40	37.43 3.15 -1.79	33.42 2.75 -2.27	31.59 2.15 -3.82



FPL FAR_ROCK_GT2 23815	29.19 1.81 -4.15	25.44 1.70 -1.72	23.91 1.52 -2.16	22.15 1.43 -1.40	20.58 1.39 -0.11	20.99 1.42 -0.34	21.96 1.40 0.00	21.22 1.28 0.00	21.40 1.53 0.00	22.12 1.62 -0.01	31.47 1.81 -7.85	33.14 2.00 -8.19	35.60 2.44 -8.75	39.85 2.56 -11.72	40.45 3.16 -10.28	43.85 3.19 -13.61	63.28 3.73 -26.28	55.16 4.42 -10.58	46.63 4.35 -0.01	45.70 3.93 -2.81	42.76 3.85 -0.40	37.43 3.15 -1.79	33.42 2.75 -2.27	31.59 2.15 -3.82
FRANKLIN_FALL_HYD 24054	22.83 -0.39 0.00	21.69 -0.33 0.00	19.89 -0.34 0.00	19.01 -0.31 0.00	18.92 -0.15 0.00	19.11 -0.12 0.00	20.41 -0.14 0.00	19.84 -0.10 0.00	19.85 -0.02 0.00	20.53 0.04 0.00	21.85 0.04 0.00	23.04 0.09 0.00	24.43 0.02 0.00	25.60 0.03 0.00	27.09 0.08 0.00	26.81 -0.24 0.00	33.10 -0.17 0.00	40.08 -0.08 0.00	42.77 0.51 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.56 0.06 0.00	28.48 0.09 0.00	25.93 0.31 0.00
FREEPORT_EQUS_GT1 23764	29.03 1.65 -4.15	25.31 1.56 -1.72	23.79 1.39 -2.16	22.06 1.33 -1.40	20.48 1.30 -0.11	20.89 1.33 -0.34	21.85 1.30 0.00	21.10 1.16 0.00	21.30 1.43 0.00	22.02 1.52 -0.01	31.34 1.68 -7.85	32.98 1.84 -8.19	35.43 2.27 -8.75	39.65 2.35 -11.72	40.10 2.81 -10.28	43.50 2.84 -13.61	62.85 3.29 -26.28	54.68 3.94 -10.58	46.12 3.85 -0.01	45.28 3.51 -2.81	42.30 3.39 -0.40	37.20 2.93 -1.79	33.19 2.53 -2.27	31.41 1.97 -3.82
FREEPORT___CT2 23818	29.03 1.65 -4.15	25.31 1.56 -1.72	23.79 1.39 -2.16	22.06 1.33 -1.40	20.48 1.30 -0.11	20.89 1.33 -0.34	21.85 1.30 0.00	21.10 1.16 0.00	21.30 1.43 0.00	22.02 1.52 -0.01	31.34 1.68 -7.85	32.98 1.84 -8.19	35.43 2.27 -8.75	39.65 2.35 -11.72	40.10 2.81 -10.28	43.50 2.84 -13.61	62.85 3.29 -26.28	54.68 3.94 -10.58	46.12 3.85 -0.01	45.28 3.51 -2.81	42.30 3.39 -0.40	37.20 2.93 -1.79	33.19 2.53 -2.27	31.41 1.97 -3.82
FRESHKLS_33_KV_LOAD 356253	24.48 1.25 0.00	23.25 1.23 0.00	21.28 1.05 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.72 1.23 0.00	23.24 1.44 0.00	24.47 1.51 0.00	26.39 1.98 0.00	27.67 2.10 0.00	29.46 2.46 0.01	29.78 2.73 0.01	36.30 3.03 0.00	43.78 3.61 0.00	45.69 3.42 0.00	41.99 3.04 0.00	41.52 3.00 0.00	34.93 2.44 0.00	30.38 1.99 0.00	27.10 1.49 0.00
FULTON COGEN____ 23766	22.95 -0.28 0.00	21.73 -0.29 0.00	19.95 -0.28 0.00	19.03 -0.29 0.00	18.79 -0.29 0.00	18.94 -0.29 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.53 -0.34 0.00	20.19 -0.31 0.00	21.50 -0.31 0.00	22.61 -0.34 0.00	23.90 -0.51 0.00	25.04 -0.54 0.00	26.36 -0.65 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	39.94 -0.64 -0.42	41.89 -0.63 -0.26	38.95 -0.58 -0.58	38.41 -0.58 -0.48	32.04 -0.45 0.00	28.00 -0.40 0.00	25.13 -0.49 0.00
FULTON___LFGE 323630	24.95 1.72 0.00	23.67 1.65 0.00	21.69 1.46 0.00	20.69 1.37 0.00	20.41 1.33 0.00	20.56 1.33 0.00	21.96 1.40 0.00	21.06 1.12 0.00	20.86 0.99 0.00	21.33 0.84 0.00	22.57 0.76 0.00	23.76 0.80 0.00	25.41 1.00 0.00	26.62 1.05 0.00	28.42 1.40 0.00	28.76 1.71 0.00	35.47 2.20 0.00	43.13 2.97 0.00	45.73 3.47 0.00	42.11 3.15 0.00	41.94 3.43 0.00	35.45 2.96 0.00	30.84 2.44 0.00	27.59 1.97 0.00
G.F.CEMENT___DRP 24184	25.08 1.86 0.00	23.83 1.81 0.00	21.85 1.62 0.00	20.85 1.53 0.00	20.41 1.34 0.00	20.56 1.33 0.00	21.94 1.38 0.00	21.10 1.16 0.00	21.16 1.29 0.00	21.66 1.17 0.00	22.94 1.13 0.00	24.17 1.22 0.00	25.90 1.49 0.00	27.11 1.53 0.00	28.88 1.86 0.00	29.27 2.22 0.00	36.07 2.79 0.00	43.26 3.09 0.00	45.69 3.42 0.00	42.27 3.31 0.00	41.94 3.43 0.00	35.35 2.86 0.00	30.95 2.56 0.00	27.67 2.05 0.00
GARDENVILLE___LBMP 24039	22.81 -0.42 0.00	21.16 -0.86 0.00	19.50 -0.73 0.00	18.61 -0.71 0.00	18.35 -0.72 0.00	18.58 -0.65 0.00	20.17 -0.39 0.00	19.48 -0.46 0.00	19.07 -0.79 0.00	19.82 -0.68 0.00	21.52 -0.28 0.00	22.77 -0.18 0.00	24.07 -0.34 0.00	25.47 -0.10 0.00	25.96 -1.05 0.00	26.49 -0.57 0.00	32.64 -0.63 0.00	38.10 -1.57 0.49	40.60 -1.35 0.31	36.13 -2.14 0.68	35.79 -2.16 0.57	31.78 -0.71 0.00	27.54 -0.85 0.00	25.05 -0.56 0.00
GARDNVLA_35_KV_LD 355827	22.90 -0.33 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.68 -0.64 0.00	18.43 -0.65 0.00	18.65 -0.58 0.00	20.25 -0.31 0.00	19.56 -0.38 0.00	19.15 -0.72 0.00	19.90 -0.59 0.00	21.61 -0.20 0.00	22.88 -0.07 0.00	24.19 -0.22 0.00	25.60 0.03 0.00	26.09 -0.92 0.00	26.62 -0.43 0.00	32.81 -0.47 0.00	38.31 -1.37 0.49	40.81 -1.14 0.31	36.25 -2.03 0.68	35.95 -2.00 0.56	31.94 -0.55 0.00	27.65 -0.74 0.00	25.18 -0.44 0.00
GELCKHM__115KV_LOAD 80723	23.11 -0.12 0.00	21.89 -0.13 0.00	20.07 -0.16 0.00	19.17 -0.15 0.00	18.90 -0.17 0.00	19.06 -0.17 0.00	20.44 -0.12 0.00	19.82 -0.12 0.00	19.67 -0.20 0.00	20.33 -0.16 0.00	21.67 -0.13 0.00	22.79 -0.16 0.00	24.12 -0.29 0.00	25.29 -0.28 0.00	26.61 -0.41 0.00	26.84 -0.22 0.00	33.04 -0.23 0.00	39.67 -0.28 0.21	41.88 -0.25 0.13	38.39 -0.27 0.29	37.97 -0.31 0.24	32.33 -0.16 0.00	28.22 -0.17 0.00	25.34 -0.28 0.00
GENERAL___MILLS 23808	22.85 -0.37 0.00	21.21 -0.81 0.00	19.54 -0.69 0.00	18.66 -0.66 0.00	18.39 -0.69 0.00	18.61 -0.62 0.00	20.21 -0.35 0.00	19.52 -0.42 0.00	19.11 -0.75 0.00	19.88 -0.61 0.00	21.56 -0.24 0.00	22.84 -0.11 0.00	24.12 -0.29 0.00	25.52 -0.05 0.00	26.04 -0.97 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	38.18 -1.49 0.49	40.68 -1.27 0.31	36.17 -2.10 0.68	35.83 -2.12 0.57	31.84 -0.65 0.00	27.60 -0.80 0.00	25.13 -0.49 0.00
GE_PLASTICS___DRP 24183	23.71 0.49 0.00	22.53 0.51 0.00	20.82 0.59 0.00	19.92 0.60 0.00	19.63 0.55 0.00	19.77 0.54 0.00	21.05 0.49 0.00	20.42 0.48 0.00	20.40 0.54 0.00	20.88 0.39 0.00	22.13 0.33 0.00	23.32 0.37 0.00	24.92 0.51 0.00	26.06 0.49 0.00	27.66 0.65 0.00	27.89 0.84 0.00	34.27 1.00 0.00	41.21 1.04 0.00	43.32 1.06 0.00	40.05 1.09 0.00	39.59 1.08 0.00	33.34 0.84 0.00	29.13 0.74 0.00	26.08 0.46 0.00
GILBOA___1 23756	23.76 0.53 0.00	22.53 0.51 0.00	20.72 0.48 0.00	19.78 0.46 0.00	19.52 0.44 0.00	19.67 0.44 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.34 0.48 0.00	20.92 0.43 0.00	22.22 0.41 0.00	23.44 0.48 0.00	25.07 0.66 0.00	26.24 0.66 0.00	27.96 0.94 0.00	28.03 0.97 0.00	34.40 1.13 0.00	41.41 1.25 0.00	43.45 1.18 0.00	40.09 1.13 0.00	39.63 1.12 0.00	33.40 0.91 0.00	29.22 0.82 0.00	26.16 0.54 0.00
GILBOA___2 23757	23.76 0.53 0.00	22.53 0.51 0.00	20.72 0.48 0.00	19.78 0.46 0.00	19.52 0.44 0.00	19.67 0.44 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.34 0.48 0.00	20.92 0.43 0.00	22.22 0.41 0.00	23.44 0.48 0.00	25.07 0.66 0.00	26.24 0.66 0.00	27.96 0.94 0.00	28.03 0.97 0.00	34.40 1.13 0.00	41.41 1.25 0.00	43.45 1.18 0.00	40.09 1.13 0.00	39.63 1.12 0.00	33.40 0.91 0.00	29.22 0.82 0.00	26.16 0.54 0.00

GILBOA___3 23758	23.76 0.53 0.00	22.53 0.51 0.00	20.72 0.48 0.00	19.78 0.46 0.00	19.52 0.44 0.00	19.67 0.44 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.34 0.48 0.00	20.92 0.43 0.00	22.22 0.41 0.00	23.44 0.48 0.00	25.07 0.66 0.00	26.24 0.66 0.00	27.96 0.94 0.00	28.03 0.97 0.00	34.40 1.13 0.00	41.41 1.25 0.00	43.45 1.18 0.00	40.09 1.13 0.00	39.63 1.12 0.00	33.40 0.91 0.00	29.22 0.82 0.00	26.16 0.54 0.00
GILBOA___4 23759	23.76 0.53 0.00	22.53 0.51 0.00	20.72 0.48 0.00	19.78 0.46 0.00	19.52 0.44 0.00	19.67 0.44 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.34 0.48 0.00	20.92 0.43 0.00	22.22 0.41 0.00	23.44 0.48 0.00	25.07 0.66 0.00	26.24 0.66 0.00	27.96 0.94 0.00	28.03 0.97 0.00	34.40 1.13 0.00	41.41 1.25 0.00	43.45 1.18 0.00	40.09 1.13 0.00	39.63 1.12 0.00	33.40 0.91 0.00	29.22 0.82 0.00	26.16 0.54 0.00
GILBOA___ 23599	23.74 0.51 0.00	22.53 0.51 0.00	20.72 0.49 0.00	19.78 0.46 0.00	19.51 0.44 0.00	19.67 0.44 0.00	20.99 0.43 0.00	20.36 0.42 0.00	20.34 0.48 0.00	20.92 0.43 0.00	22.22 0.41 0.00	23.43 0.48 0.00	25.07 0.66 0.00	26.24 0.66 0.00	27.80 0.78 0.00	28.03 0.97 0.00	34.44 1.16 0.00	41.41 1.25 0.00	43.45 1.18 0.00	40.08 1.13 0.00	39.63 1.12 0.00	33.43 0.94 0.00	29.22 0.82 0.00	26.16 0.54 0.00
GINNA___ 23603	22.02 -1.21 0.00	20.63 -1.39 0.00	18.98 -1.25 0.00	18.10 -1.22 0.00	17.87 -1.20 0.00	18.02 -1.21 0.00	19.39 -1.17 0.00	18.85 -1.10 0.00	18.60 -1.27 0.00	19.28 -1.21 0.00	20.71 -1.09 0.00	21.85 -1.10 0.00	23.11 -1.29 0.00	24.35 -1.23 0.00	25.77 -1.24 0.00	25.70 -1.35 0.00	31.67 -1.60 0.00	37.34 -2.25 0.57	39.70 -2.20 0.36	36.02 -2.14 0.79	35.78 -2.08 0.66	31.10 -1.40 0.00	27.09 -1.31 0.00	24.28 -1.33 0.00
GLEN PARK___ 23778	22.72 -0.51 0.00	21.47 -0.55 0.00	19.64 -0.59 0.00	18.72 -0.60 0.00	18.54 -0.53 0.00	18.69 -0.54 0.00	20.09 -0.47 0.00	19.44 -0.50 0.00	19.21 -0.66 0.00	20.02 -0.47 0.00	21.22 -0.59 0.00	22.20 -0.76 0.00	23.53 -0.88 0.00	24.76 -0.82 0.00	26.17 -0.84 0.00	26.24 -0.81 0.00	32.47 -0.80 0.00	39.59 -0.68 -0.11	42.08 -0.25 -0.07	39.23 0.12 -0.15	38.76 0.12 -0.13	32.62 0.13 0.00	28.39 0.00 0.00	25.44 -0.18 0.00
GLENDALE_27_KV_LOAD 356172	24.60 1.37 0.00	23.32 1.30 0.00	21.38 1.15 0.00	20.40 1.08 0.00	20.13 1.05 0.00	20.31 1.08 0.00	21.63 1.07 0.00	21.02 1.08 0.00	21.10 1.23 0.00	21.83 1.33 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.43 2.03 0.00	27.70 2.12 0.00	29.47 2.46 0.00	29.79 2.73 0.00	36.30 3.03 0.00	43.78 3.61 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	34.99 2.50 0.00	30.61 2.21 0.00	27.28 1.67 0.00
GLENWOOD_IC_1_G5 23712	28.95 1.58 -4.14	25.26 1.52 -1.72	23.74 1.36 -2.15	21.99 1.28 -1.40	20.42 1.24 -0.10	20.85 1.29 -0.33	21.81 1.25 0.00	21.06 1.12 0.00	21.26 1.39 0.00	21.97 1.48 0.00	31.29 1.64 -7.85	32.94 1.81 -8.18	35.40 2.25 -8.75	39.67 2.38 -11.71	39.74 2.46 -10.27	43.38 2.73 -13.60	62.71 3.16 -26.28	54.47 3.74 -10.57	45.90 3.63 0.00	45.03 3.27 -2.81	42.10 3.20 -0.39	37.13 2.86 -1.78	33.16 2.50 -2.27	31.33 1.90 -3.81
GLENWOOD_IC_2_G1 23688	28.91 1.53 -4.15	25.20 1.45 -1.72	23.69 1.30 -2.16	21.96 1.24 -1.40	20.39 1.20 -0.11	20.80 1.23 -0.34	21.77 1.21 0.00	21.04 1.10 0.00	21.22 1.35 0.00	21.91 1.41 -0.01	31.23 1.57 -7.85	32.86 1.72 -8.19	35.31 2.15 -8.75	39.55 2.25 -11.72	40.05 2.76 -10.28	43.45 2.79 -13.61	62.78 3.23 -26.28	54.56 3.82 -10.58	45.99 3.72 -0.01	45.16 3.39 -2.81	42.22 3.12 -0.40	37.04 2.76 -1.79	33.05 2.39 -2.27	31.29 1.85 -3.82
GLENWOOD_IC_3_G1 23689	28.91 1.53 -4.15	25.20 1.45 -1.72	23.69 1.30 -2.16	21.96 1.24 -1.40	20.39 1.20 -0.11	20.80 1.23 -0.34	21.77 1.21 0.00	21.04 1.10 0.00	21.22 1.35 0.00	21.91 1.41 -0.01	31.23 1.57 -7.85	32.86 1.72 -8.19	35.31 2.15 -8.75	39.55 2.25 -11.72	40.05 2.76 -10.28	43.45 2.79 -13.61	62.78 3.23 -26.28	54.56 3.82 -10.58	45.99 3.72 -0.01	45.16 3.39 -2.81	42.22 3.12 -0.40	37.04 2.76 -1.79	33.05 2.39 -2.27	31.29 1.85 -3.82
GLENWOOD___4 23550	28.95 1.58 -4.14	25.26 1.52 -1.72	23.74 1.36 -2.15	21.99 1.28 -1.40	20.42 1.24 -0.10	20.85 1.29 -0.33	21.81 1.25 0.00	21.06 1.12 0.00	21.26 1.39 0.00	21.97 1.48 0.00	31.29 1.64 -7.85	32.94 1.81 -8.18	35.40 2.25 -8.75	39.67 2.38 -11.71	39.82 2.54 -10.27	43.44 2.79 -13.60	62.81 3.26 -26.28	54.59 3.86 -10.57	46.03 3.76 0.00	45.15 3.39 -2.81	42.21 3.31 -0.39	37.13 2.86 -1.78	33.16 2.50 -2.27	31.33 1.90 -3.81
GLENWOOD___5 23614	28.95 1.58 -4.14	25.26 1.52 -1.72	23.74 1.36 -2.15	21.99 1.28 -1.40	20.42 1.24 -0.10	20.85 1.29 -0.33	21.81 1.25 0.00	21.06 1.12 0.00	21.26 1.39 0.00	21.97 1.48 0.00	31.29 1.64 -7.85	32.94 1.81 -8.18	35.40 2.25 -8.75	39.67 2.38 -11.71	39.82 2.54 -10.27	43.44 2.79 -13.60	62.81 3.26 -26.28	54.59 3.86 -10.57	46.03 3.76 0.00	45.15 3.39 -2.81	42.21 3.31 -0.39	37.13 2.86 -1.78	33.16 2.50 -2.27	31.33 1.90 -3.81
GLOBAL GREEN_PORT_GT1 23814	29.63 2.25 -4.15	25.95 2.20 -1.72	24.44 2.04 -2.16	22.75 2.03 -1.40	21.23 2.04 -0.11	21.64 2.08 -0.34	22.68 2.12 0.00	21.60 1.65 0.00	22.01 2.15 0.00	22.78 2.27 -0.01	32.23 2.57 -7.85	34.03 2.89 -8.19	36.63 3.46 -8.75	41.18 3.89 -11.72	41.94 4.65 -10.28	45.29 4.63 -13.61	64.94 5.39 -26.28	57.13 6.39 -10.58	48.69 6.42 -0.01	47.50 5.73 -2.81	44.38 5.47 -0.40	38.57 4.29 -1.79	34.22 3.55 -2.27	32.15 2.71 -3.82
GLOBE___DSASP 323697	22.09 -1.14 0.00	20.48 -1.54 0.00	18.88 -1.36 0.00	18.03 -1.29 0.00	17.78 -1.30 0.00	17.98 -1.25 0.00	19.57 -0.99 0.00	18.93 -1.02 0.00	18.50 -1.37 0.00	19.20 -1.29 0.00	20.87 -0.94 0.00	22.03 -0.92 0.00	23.21 -1.20 0.00	24.53 -1.05 0.00	24.93 -2.08 0.00	25.46 -1.60 0.00	31.37 -1.90 0.00	36.46 -3.17 0.53	38.93 -3.00 0.34	34.91 -3.31 0.73	34.67 -3.24 0.61	30.61 -1.88 0.00	26.49 -1.90 0.00	24.16 -1.46 0.00
GOETHSLN___LBMP 323567	24.30 1.07 0.00	23.06 1.03 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.92 0.84 0.00	20.11 0.88 0.00	21.42 0.86 0.00	20.82 0.88 0.00	20.90 1.03 0.00	21.58 1.09 0.00	23.03 1.22 0.00	24.28 1.33 0.00	26.14 1.73 0.00	27.39 1.82 0.00	29.12 2.11 0.00	29.43 2.38 0.00	35.93 2.66 0.00	43.22 3.05 0.00	45.14 2.87 0.00	41.56 2.61 0.00	41.09 2.58 0.00	34.60 2.11 0.00	30.32 1.93 0.00	27.00 1.38 0.00
GOLAH___69_KV_TB 1_2 80279	22.95 -0.28 0.00	21.45 -0.57 0.00	19.72 -0.51 0.00	18.80 -0.52 0.00	18.56 -0.52 0.00	18.75 -0.48 0.00	20.23 -0.33 0.00	19.58 -0.36 0.00	19.25 -0.62 0.00	19.96 -0.53 0.00	21.48 -0.33 0.00	22.65 -0.30 0.00	23.94 -0.46 0.00	25.22 -0.36 0.00	26.04 -0.97 0.00	26.49 -0.57 0.00	32.71 -0.57 0.00	38.50 -1.08 0.57	41.01 -0.89 0.36	37.23 -0.93 0.79	37.01 -0.85 0.66	32.26 -0.23 0.00	27.94 -0.45 0.00	25.23 -0.38 0.00

GOODYEAR_LAKE_HYD 323669	24.11 0.88 0.00	22.81 0.79 0.00	20.90 0.67 0.00	19.94 0.62 0.00	19.69 0.61 0.00	19.86 0.63 0.00	21.28 0.72 0.00	20.62 0.68 0.00	20.48 0.62 0.00	21.15 0.66 0.00	22.48 0.68 0.00	23.64 0.69 0.00	25.26 0.85 0.00	26.55 0.97 0.00	28.04 1.03 0.00	28.30 1.24 0.00	34.87 1.60 0.00	42.17 2.01 0.00	44.38 2.11 0.00	40.82 1.87 0.00	40.36 1.85 0.00	34.15 1.66 0.00	29.78 1.39 0.00	26.67 1.05 0.00
GOUDEY_I15_KV_TB6_REV_LBMP_C 345031	23.41 0.19 0.00	22.09 0.07 0.00	20.27 0.04 0.00	19.36 0.04 0.00	19.10 0.02 0.00	19.27 0.04 0.00	20.68 0.12 0.00	20.06 0.12 0.00	19.87 0.00 0.00	20.53 0.04 0.00	21.94 0.13 0.00	23.16 0.21 0.00	24.63 0.22 0.00	25.86 0.28 0.00	27.07 0.05 0.00	27.41 0.35 0.00	33.74 0.47 0.00	40.41 0.40 0.15	42.63 0.46 0.10	38.90 0.16 0.21	38.45 0.12 0.18	32.91 0.42 0.00	28.71 0.31 0.00	25.80 0.18 0.00
GOUDEY___7 23579	23.41 0.19 0.00	22.09 0.07 0.00	20.27 0.04 0.00	19.36 0.04 0.00	19.10 0.02 0.00	19.27 0.04 0.00	20.68 0.12 0.00	20.06 0.12 0.00	19.87 0.00 0.00	20.53 0.04 0.00	21.94 0.13 0.00	23.16 0.21 0.00	24.63 0.22 0.00	25.86 0.28 0.00	27.07 0.05 0.00	27.41 0.35 0.00	33.74 0.47 0.00	40.41 0.40 0.15	42.63 0.46 0.10	38.90 0.16 0.21	38.45 0.12 0.18	32.91 0.42 0.00	28.71 0.31 0.00	25.80 0.18 0.00
GOUDEY___8 23580	23.41 0.19 0.00	22.09 0.07 0.00	20.27 0.04 0.00	19.36 0.04 0.00	19.10 0.02 0.00	19.27 0.04 0.00	20.68 0.12 0.00	20.06 0.12 0.00	19.87 0.00 0.00	20.53 0.04 0.00	21.94 0.13 0.00	23.16 0.21 0.00	24.63 0.22 0.00	25.86 0.28 0.00	27.07 0.05 0.00	27.41 0.35 0.00	33.74 0.47 0.00	40.41 0.40 0.15	42.63 0.46 0.10	38.90 0.16 0.21	38.45 0.12 0.18	32.91 0.42 0.00	28.71 0.31 0.00	25.80 0.18 0.00
GOWANUS_GT1_1 24077	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT1_2 24078	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT1_3 24079	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT1_4 24080	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00															

GOWANUS_GT2_4 24117	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT2_5 24118	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT2_6 24119	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT2_7 24120	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT2_8 24121	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_1 24122	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_2 24123	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_3 24124	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_4 24125	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_5 24126	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_6 24127	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_7 24128	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT3_8 24129	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
GOWANUS_GT4_1 24130	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT4_2 24131	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00

GOWANUS_GT4_3 24132	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT4_4 24133	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT4_5 24134	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT4_6 24135	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT4_7 24136	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GOWANUS_GT4_8 24137	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GREENBSH_115KV_TB3 55895	23.67 0.44 0.00	22.48 0.46 0.00	20.84 0.61 0.00	19.94 0.62 0.00	19.65 0.57 0.00	19.77 0.54 0.00	21.07 0.51 0.00	20.42 0.48 0.00	20.42 0.56 0.00	20.84 0.35 0.00	22.09 0.28 0.00	23.25 0.30 0.00	24.85 0.44 0.00	25.96 0.38 0.00	27.58 0.57 0.00	27.81 0.76 0.00	34.17 0.90 0.00	41.13 0.96 0.00	43.24 0.97 0.00	39.97 1.01 0.00	39.55 1.04 0.00	33.24 0.75 0.00	29.05 0.65 0.00	26.00 0.38 0.00
GREENIDGE_115KV_TB5 80291	23.44 0.21 0.00	22.02 0.00 0.00	20.19 -0.04 0.00	19.26 -0.06 0.00	19.00 -0.08 0.00	19.19 -0.04 0.00	20.68 0.12 0.00	20.04 0.10 0.00	19.73 -0.14 0.00	20.43 -0.06 0.00	21.87 0.07 0.00	23.11 0.16 0.00	24.51 0.10 0.00	25.81 0.23 0.00	26.85 -0.16 0.00	27.27 0.22 0.00	33.67 0.40 0.00	39.94 0.08 0.31	42.32 0.25 0.20	38.45 -0.08 0.43	38.08 -0.08 0.35	33.08 0.58 0.00	28.82 0.43 0.00	25.87 0.26 0.00
GREENIDGE___3 23582	23.44 0.21 0.00	22.02 0.00 0.00	20.19 -0.04 0.00	19.26 -0.06 0.00	19.00 -0.08 0.00	19.19 -0.04 0.00	20.68 0.12 0.00	20.04 0.10 0.00	19.73 -0.14 0.00	20.43 -0.06 0.00	21.87 0.07 0.00	23.11 0.16 0.00	24.51 0.10 0.00	25.81 0.23 0.00	26.85 -0.16 0.00	27.27 0.22 0.00	33.67 0.40 0.00	39.94 0.08 0.31	42.32 0.25 0.20	38.45 -0.08 0.43	38.08 -0.08 0.35	33.08 0.58 0.00	28.82 0.43 0.00	25.87 0.26 0.00
GREENIDGE___4 23583	23.44 0.21 0.00	22.02 0.00 0.00	20.21 -0.02 0.00	19.26 -0.06 0.00	19.00 -0.08 0.00	19.21 -0.02 0.00	20.68 0.12 0.00	20.04 0.10 0.00	19.73 -0.14 0.00	20.43 -0.06 0.00	21.87 0.07 0.00	23.11 0.16 0.00	24.51 0.10 0.00	25.81 0.23 0.00	27.34 0.33 0.00	27.32 0.27 0.00	33.67 0.40 0.00	39.94 0.08 0.31	42.32 0.26 0.20	38.45 -0.08 0.43	38.08 -0.08 0.35	33.08 0.59 0.00	28.90 0.51 0.00	25.87 0.26 0.00
GREENLWN_69_KV_BK 3 55738	28.69 1.32 -4.14	25.01 1.28 -1.72	23.52 1.13 -2.15	21.80 1.08 -1.40	20.23 1.05 -0.10	20.64 1.08 -0.33	21.59 1.03 0.00	20.84 0.90 0.00	21.06 1.19 0.00	21.76 1.27 0.00	31.00 1.35 -7.85	32.53 1.40 -8.18	34.98 1.83 -8.75	39.23 1.94 -11.71	39.55 2.27 -10.27	43.20 2.54 -13.60	62.48 2.93 -26.28	54.19 3.45 -10.57	45.60 3.34 0.00	44.80 3.04 -2.81	41.87 2.97 -0.39	36.58 2.31 -1.78	32.67 2.02 -2.27	31.02 1.59 -3.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00
GRISSOM___SOLAR 323813	24.85 1.63 0.00	23.58 1.56 0.00	21.61 1.38 0.00	20.64 1.31 0.00	20.35 1.28 0.00	20.50 1.27 0.00	21.88 1.32 0.00	21.02 1.08 0.00	20.86 0.99 0.00	21.33 0.84 0.00	22.59 0.78 0.00	23.78 0.83 0.00	25.46 1.05 0.00	26.65 1.07 0.00	28.44 1.43 0.00	28.76 1.71 0.00	35.43 2.16 0.00	43.01 2.85 0.00	45.56 3.30 0.00	41.95 3.00 0.00	41.75 3.24 0.00	35.25 2.76 0.00	30.69 2.30 0.00	27.46 1.85 0.00
GROVEVILLE___HYD 323602	24.41 1.18 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.84 0.90 0.00	20.90 1.03 0.00	21.52 1.02 0.00	22.85 1.05 0.00	24.08 1.12 0.00	25.95 1.54 0.00	27.21 1.64 0.00	28.96 1.94 0.00	29.30 2.25 0.00	35.87 2.60 0.00	43.30 3.13 0.00	45.35 3.09 0.00	41.80 2.84 0.00	41.33 2.81 0.00	34.70 2.21 0.00	30.35 1.96 0.00	27.05 1.43 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.25 0.02 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.02 -0.06 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.96 0.02 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	26.80 -0.22 0.00	27.05 0.00 0.00	33.34 0.07 0.00	40.24 0.08 0.00	42.35 0.08 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.56 0.06 0.00	28.45 0.06 0.00	25.54 -0.08 0.00

HAMLTNNY_34_KV_TB 80303	23.30 0.07 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.04 -0.04 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.98 0.04 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.83 0.02 0.00	22.98 0.02 0.00	24.34 -0.07 0.00	25.52 -0.05 0.00	26.82 -0.19 0.00	27.08 0.03 0.00	33.37 0.10 0.00	40.28 0.12 0.00	42.39 0.13 0.00	38.99 0.04 0.00	38.55 0.04 0.00	32.62 0.13 0.00	28.48 0.09 0.00	25.57 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	22.37 -0.86 0.00	21.18 -0.84 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.96 -0.60 0.00	19.34 -0.60 0.00	19.25 -0.62 0.00	20.02 -0.47 0.00	21.28 -0.52 0.00	22.38 -0.57 0.00	23.77 -0.63 0.00	24.96 -0.61 0.00	26.20 -0.81 0.00	26.24 -0.81 0.00	32.44 -0.83 0.00	39.28 -0.88 0.00	41.63 -0.63 0.00	38.53 -0.43 0.00	38.05 -0.46 0.00	32.10 -0.39 0.00	27.97 -0.43 0.00	25.31 -0.31 0.00
HARDSCRABBLE_WT_PWR 323673	23.46 0.23 0.00	22.22 0.20 0.00	20.39 0.16 0.00	19.47 0.15 0.00	19.23 0.15 0.00	19.38 0.15 0.00	20.74 0.18 0.00	20.10 0.16 0.00	20.01 0.14 0.00	20.66 0.16 0.00	21.96 0.15 0.00	23.07 0.12 0.00	24.56 0.15 0.00	25.76 0.18 0.00	27.28 0.27 0.00	27.27 0.22 0.00	33.57 0.30 0.00	40.56 0.40 0.00	42.64 0.38 0.00	39.34 0.39 0.00	38.90 0.39 0.00	32.91 0.42 0.00	28.79 0.40 0.00	25.90 0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.25 1.02 0.00	22.99 0.97 0.00	21.08 0.85 0.00	20.13 0.81 0.00	19.88 0.80 0.00	20.04 0.81 0.00	21.36 0.80 0.00	20.72 0.78 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.76 0.96 0.00	24.01 1.06 0.00	25.85 1.44 0.00	27.11 1.53 0.00	28.82 1.81 0.00	29.14 2.08 0.00	35.67 2.40 0.00	43.05 2.89 0.00	45.05 2.79 0.00	41.53 2.57 0.00	41.02 2.50 0.00	34.47 1.98 0.00	30.15 1.76 0.00	26.90 1.28 0.00
HARSNRAD_115KV_TB1 81005	22.55 -0.67 0.00	20.90 -1.12 0.00	19.26 -0.97 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.35 -0.88 0.00	19.94 -0.62 0.00	19.28 -0.66 0.00	18.85 -1.01 0.00	19.59 -0.90 0.00	21.26 -0.55 0.00	22.47 -0.48 0.00	23.72 -0.68 0.00	25.09 -0.49 0.00	25.53 -1.49 0.00	26.05 -1.00 0.00	32.14 -1.13 0.00	37.38 -2.25 0.53	39.94 -1.99 0.34	35.77 -2.45 0.73	35.48 -2.43 0.61	31.39 -1.10 0.00	27.14 -1.25 0.00	24.72 -0.90 0.00
HARZA MOOSE___RIVER 24016	23.18 -0.05 0.00	21.93 -0.09 0.00	20.11 -0.12 0.00	19.19 -0.14 0.00	18.98 -0.10 0.00	19.13 -0.10 0.00	20.50 -0.06 0.00	19.88 -0.06 0.00	19.73 -0.14 0.00	20.53 0.04 0.00	21.80 0.00 0.00	22.88 -0.07 0.00	24.34 -0.07 0.00	25.58 0.00 0.00	26.99 -0.03 0.00	27.08 0.03 0.00	33.47 0.20 0.00	40.52 0.36 0.00	42.81 0.55 0.00	39.62 0.66 0.00	39.13 0.62 0.00	33.04 0.55 0.00	28.79 0.40 0.00	25.87 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.13 -0.09 0.00	21.89 -0.13 0.00	20.09 -0.14 0.00	19.17 -0.15 0.00	18.92 -0.15 0.00	19.08 -0.15 0.00	20.46 -0.10 0.00	19.84 -0.10 0.00	19.69 -0.18 0.00	20.35 -0.14 0.00	21.70 -0.11 0.00	22.84 -0.11 0.00	24.16 -0.24 0.00	25.35 -0.23 0.00	26.63 -0.38 0.00	26.86 -0.19 0.00	33.10 -0.17 0.00	39.71 -0.20 0.25	41.90 -0.21 0.16	38.34 -0.27 0.34	37.96 -0.27 0.28	32.36 -0.13 0.00	28.25 -0.14 0.00	25.36 -0.26 0.00
HELLGATE_13_KV_LD 55870	24.50 1.28 0.00	23.25 1.23 0.00	21.30 1.07 0.00	20.34 1.02 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.31 2.30 0.00	29.62 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.47 2.07 0.00	27.15 1.54 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.50 1.28 0.00	23.25 1.23 0.00	21.30 1.07 0.00	20.34 1.02 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.31 2.30 0.00	29.62 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.47 2.07 0.00	27.15 1.54 0.00
HEMPSTEAD____ 23647	28.86 1.49 -4.15	25.16 1.41 -1.72	23.65 1.25 -2.16	21.92 1.20 -1.40	20.35 1.16 -0.11	20.76 1.19 -0.34	21.71 1.15 0.00	20.98 1.04 0.00	21.18 1.31 0.00	21.87 1.37 -0.01	31.18 1.53 -7.85	32.81 1.67 -8.19	35.26 2.10 -8.75	39.47 2.17 -11.72	39.94 2.65 -10.28	43.34 2.68 -13.61	62.65 3.09 -26.28	54.40 3.65 -10.58	45.82 3.55 -0.01	45.00 3.23 -2.81	42.07 3.16 -0.40	36.94 2.66 -1.79	32.97 2.30 -2.27	31.21 1.77 -3.82
HEWLETT_69_KV_BK3 55828	29.04 1.67 -4.14	25.32 1.59 -1.72	23.80 1.42 -2.15	22.07 1.35 -1.40	20.49 1.32 -0.10	20.91 1.35 -0.33	21.87 1.32 0.00	21.14 1.20 0.00	21.32 1.45 0.00	22.03 1.54 0.00	31.35 1.70 -7.85	32.99 1.86 -8.18	35.45 2.29 -8.75	39.69 2.40 -11.71	39.99 2.70 -10.27	43.63 2.98 -13.60	63.04 3.49 -26.28	54.87 4.14 -10.57	46.32 4.06 0.00	45.46 3.70 -2.81	42.48 3.58 -0.39	37.23 2.96 -1.78	33.27 2.61 -2.27	31.46 2.02 -3.81
HICKLING___1 23621	23.37 0.14 0.00	21.95 -0.07 0.00	20.15 -0.08 0.00	19.22 -0.10 0.00	18.94 -0.13 0.00	19.13 -0.10 0.00	20.64 0.08 0.00	20.00 0.06 0.00	19.67 -0.20 0.00	20.39 -0.10 0.00	21.87 0.07 0.00	23.14 0.18 0.00	24.60 0.20 0.00	25.88 0.31 0.00	26.85 -0.16 0.00	27.32 0.27 0.00	33.67 0.40 0.00	40.10 0.20 0.26	42.44 0.34 0.16	38.36 -0.23 0.36	37.91 -0.31 0.30	32.91 0.42 0.00	28.68 0.28 0.00	25.80 0.18 0.00
HICKLING___2 23622	23.37 0.14 0.00	21.95 -0.07 0.00	20.15 -0.08 0.00	19.22 -0.10 0.00	18.94 -0.13 0.00	19.13 -0.10 0.00	20.64 0.08 0.00	20.00 0.06 0.00	19.67 -0.20 0.00	20.39 -0.10 0.00	21.87 0.07 0.00	23.14 0.18 0.00	24.60 0.20 0.00	25.88 0.31 0.00	26.85 -0.16 0.00	27.32 0.27 0.00	33.67 0.40 0.00	40.10 0.20 0.26	42.44 0.34 0.16	38.36 -0.23 0.36	37.91 -0.31 0.30	32.91 0.42 0.00	28.68 0.28 0.00	25.80 0.18 0.00
HIGH FALLS___HY 23754	24.32 1.09 0.00	23.03 1.01 0.00	21.08 0.85 0.00	20.11 0.79 0.00	19.86 0.78 0.00	20.04 0.81 0.00	21.34 0.78 0.00	20.72 0.78 0.00	20.76 0.89 0.00	21.46 0.96 0.00	22.83 1.02 0.00	24.03 1.08 0.00	25.92 1.51 0.00	27.21 1.64 0.00	28.96 1.94 0.00	29.27 2.22 0.00	35.83 2.56 0.00	43.34 3.17 0.00	45.35 3.09 0.00	41.80 2.84 0.00	41.25 2.73 0.00	34.67 2.18 0.00	30.32 1.93 0.00	27.03 1.41 0.00
HIGH_RIVER___SOLAR 323847	24.36 1.14 0.00	23.12 1.10 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.97 0.90 0.00	20.13 0.90 0.00	21.46 0.90 0.00	20.66 0.72 0.00	20.54 0.68 0.00	20.92 0.43 0.00	22.11 0.31 0.00	23.30 0.34 0.00	24.92 0.51 0.00	26.09 0.51 0.00	27.85 0.84 0.00	28.16 1.11 0.00	34.77 1.50 0.00	42.13 1.97 0.00	44.50 2.24 0.00	41.02 2.06 0.00	40.75 2.23 0.00	34.34 1.85 0.00	29.95 1.56 0.00	26.85 1.23 0.00

HILLBURN___GT 23639	24.22 1.00 0.00	22.99 0.97 0.00	21.08 0.85 0.00	20.13 0.81 0.00	19.86 0.78 0.00	20.04 0.81 0.00	21.36 0.80 0.00	20.74 0.80 0.00	20.78 0.91 0.00	21.46 0.96 0.00	22.83 1.03 0.00	24.10 1.15 0.00	25.95 1.54 0.00	27.16 1.59 0.00	29.12 2.11 0.00	29.22 2.17 0.00	35.70 2.43 0.00	43.09 2.93 0.00	45.05 2.79 0.00	41.49 2.53 0.00	40.98 2.47 0.00	34.44 1.95 0.00	30.13 1.73 0.00	26.87 1.25 0.00
HILLSIDE_115KV_TB1 80332	23.06 -0.16 0.00	21.67 -0.35 0.00	19.91 -0.32 0.00	18.99 -0.33 0.00	18.73 -0.34 0.00	18.92 -0.31 0.00	20.39 -0.16 0.00	19.76 -0.18 0.00	19.47 -0.40 0.00	20.19 -0.31 0.00	21.63 -0.17 0.00	22.88 -0.07 0.00	24.34 -0.07 0.00	25.58 0.00 0.00	26.58 -0.43 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	39.60 -0.32 0.24	41.86 -0.25 0.16	37.84 -0.78 0.34	37.39 -0.85 0.28	32.43 -0.06 0.00	28.25 -0.14 0.00	25.44 -0.18 0.00
HISHELDN_WT_PWR 323625	22.83 -0.39 0.00	21.23 -0.79 0.00	19.54 -0.69 0.00	18.64 -0.68 0.00	18.39 -0.69 0.00	18.65 -0.58 0.00	20.19 -0.37 0.00	19.50 -0.44 0.00	19.13 -0.73 0.00	19.86 -0.64 0.00	21.50 -0.31 0.00	22.75 -0.21 0.00	24.04 -0.37 0.00	25.45 -0.13 0.00	26.82 -0.19 0.00	26.59 -0.46 0.00	32.67 -0.60 0.00	38.26 -1.44 0.46	40.71 -1.27 0.29	36.41 -1.91 0.64	36.10 -1.89 0.53	31.87 -0.62 0.00	27.83 -0.57 0.00	25.13 -0.49 0.00
HOLTSVILLE_IC_1 23690	29.00 1.63 -4.15	25.35 1.61 -1.72	23.87 1.48 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.01 1.44 -0.34	22.00 1.44 0.00	21.08 1.14 0.00	21.34 1.47 0.00	22.06 1.56 -0.01	31.31 1.66 -7.85	32.91 1.77 -8.19	35.33 2.17 -8.75	39.68 2.38 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.72 3.81 -0.40	37.17 2.89 -1.79	33.17 2.50 -2.27	31.34 1.90 -3.82
HOLTSVILLE_IC_10 23699	29.12 1.74 -4.15	25.44 1.70 -1.72	23.95 1.56 -2.16	22.23 1.51 -1.40	20.69 1.51 -0.11	21.09 1.52 -0.34	22.08 1.52 0.00	21.14 1.20 0.00	21.42 1.55 0.00	22.14 1.64 -0.01	31.42 1.77 -7.85	33.04 1.90 -8.19	35.51 2.34 -8.75	39.88 2.58 -11.72	40.53 3.24 -10.28	43.96 3.30 -13.61	63.31 3.76 -26.28	55.24 4.50 -10.58	46.75 4.48 -0.01	45.82 4.05 -2.81	42.99 4.08 -0.40	37.43 3.15 -1.79	33.33 2.67 -2.27	31.46 2.02 -3.82
HOLTSVILLE_IC_2 23691	29.00 1.63 -4.15	25.35 1.61 -1.72	23.87 1.48 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.01 1.44 -0.34	22.00 1.44 0.00	21.08 1.14 0.00	21.34 1.47 0.00	22.06 1.56 -0.01	31.31 1.66 -7.85	32.91 1.77 -8.19	35.33 2.17 -8.75	39.68 2.38 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.72 3.81 -0.40	37.17 2.89 -1.79	33.17 2.50 -2.27	31.34 1.90 -3.82
HOLTSVILLE_IC_3 23692	29.00 1.63 -4.15	25.35 1.61 -1.72	23.87 1.48 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.01 1.44 -0.34	22.00 1.44 0.00	21.08 1.14 0.00	21.34 1.47 0.00	22.06 1.56 -0.01	31.31 1.66 -7.85	32.91 1.77 -8.19	35.33 2.17 -8.75	39.68 2.38 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.72 3.81 -0.40	37.17 2.89 -1.79	33.17 2.50 -2.27	31.34 1.90 -3.82
HOLTSVILLE_IC_4 23693	29.00 1.63 -4.15	25.35 1.61 -1.72	23.87 1.48 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.01 1.44 -0.34	22.00 1.44 0.00	21.08 1.14 0.00	21.34 1.47 0.00	22.06 1.56 -0.01	31.31 1.66 -7.85	32.91 1.77 -8.19	35.33 2.17 -8.75	39.68 2.38 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.72 3.81 -0.40	37.17 2.89 -1.79	33.17 2.50 -2.27	31.34 1.90 -3.82
HOLTSVILLE_IC_5 23694	29.00 1.63 -4.15	25.35 1.61 -1.72	23.87 1.48 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.01 1.44 -0.34	22.00 1.44 0.00	21.08 1.14 0.00	21.34 1.47 0.00	22.06 1.56 -0.01	31.31 1.66 -7.85	32.91 1.77 -8.19	35.33 2.17 -8.75	39.68 2.38 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.72 3.81 -0.40	37.17 2.89 -1.79	33.17 2.50 -2.27	31.34 1.90 -3.82
HOLTSVILLE_IC_6 23695	29.12 1.74 -4.15	25.44 1.70 -1.72	23.95 1.56 -2.16	22.23 1.51 -1.40	20.69 1.51 -0.11	21.09 1.52 -0.34	22.08 1.52 0.00	21.14 1.20 0.00	21.42 1.55 0.00	22.14 1.64 -0.01	31.42 1.77 -7.85	33.04 1.90 -8.19	35.51 2.34 -8.75	39.88 2.58 -11.72	40.53 3.24 -10.28	43.96 3.30 -13.61	63.31 3.76 -26.28	55.24 4.50 -10.58	46.75 4.48 -0.01	45.82 4.05 -2.81	42.99 4.08 -0.40	37.43 3.15 -1.79	33.33 2.67 -2.27	31.46 2.02 -3.82
HOLTSVILLE_IC_7 23696	29.12 1.74 -4.15	25.44 1.70 -1.72	23.95 1.56 -2.16	22.23 1.51 -1.40	20.69 1.51 -0.11	21.09 1.52 -0.34	22.08 1.52 0.00	21.14 1.20 0.00	21.42 1.55 0.00	22.14 1.64 -0.01	31.42 1.77 -7.85	33.04 1.90 -8.19	35.51 2.34 -8.75	39.88 2.58 -11.72	40.53 3.24 -10.28	43.96 3.30 -13.61	63.31 3.76 -26.28	55.24 4.50 -10.58	46.75 4.48 -0.01	45.82 4.05 -2.81	42.99 4.08 -0.40	37.43 3.15 -1.79	33.33 2.67 -2.27	31.46 2.02 -3.82
HOLTSVILLE_IC_8 23697	29.12 1.74 -4.15	25.44 1.70 -1.72	23.95 1.56 -2.16	22.23 1.51 -1.40	20.69 1.51 -0.11	21.09 1.52 -0.34	22.08 1.52 0.00	21.14 1.20 0.00	21.42 1.55 0.00	22.14 1.64 -0.01	31.42 1.77 -7.85	33.04 1.90 -8.19	35.51 2.34 -8.75	39.88 2.58 -11.72	40.53 3.24 -10.28	43.96 3.30 -13.61	63.31 3.76 -26.28	55.24 4.50 -10.58	46.75 4.48 -0.01	45.82 4.05 -2.81	42.99 4.08 -0.40	37.43 3.15 -1.79	33.33 2.67 -2.27	31.46 2.02 -3.82
HOLTSVILLE_IC_9 23698	29.12 1.74 -4.15	25.44 1.70 -1.72	23.95 1.56 -2.16	22.23 1.51 -1.40	20.69 1.51 -0.11	21.09 1.52 -0.34	22.08 1.52 0.00	21.14 1.20 0.00	21.42 1.55 0.00	22.14 1.64 -0.01	31.42 1.77 -7.85	33.04 1.90 -8.19	35.51 2.34 -8.75	39.88 2.58 -11.72	40.53 3.24 -10.28	43.96 3.30 -13.61	63.31 3.76 -26.28	55.24 4.50 -10.58	46.75 4.48 -0.01	45.82 4.05 -2.81	42.99 4.08 -0.40	37.43 3.15 -1.79	33.33 2.67 -2.27	31.46 2.02 -3.82
HOMER_HL_115KV_TB2 355744	22.90 -0.33 0.00	21.29 -0.73 0.00	19.62 -0.61 0.00	18.74 -0.58 0.00	18.48 -0.59 0.00	18.69 -0.54 0.00	20.25 -0.31 0.00	19.52 -0.42 0.00	19.15 -0.72 0.00	19.90 -0.59 0.00	21.52 -0.28 0.00	22.86 -0.09 0.00	24.24 -0.17 0.00	25.60 0.03 0.00	26.23 -0.78 0.00	26.76 -0.30 0.00	32.97 -0.30 0.00	38.77 -0.96 0.43	41.10 -0.89 0.27	35.90 -2.45 0.60	35.47 -2.54 0.50	32.04 -0.45 0.00	27.85 -0.54 0.00	25.28 -0.33 0.00
HOWARD_WT_PWR 323690	24.20 0.98 0.00	22.66 0.64 0.00	20.78 0.55 0.00	19.84 0.52 0.00	19.55 0.48 0.00	19.75 0.52 0.00	21.28 0.72 0.00	20.58 0.64 0.00	20.13 0.26 0.00	20.94 0.45 0.00	22.50 0.70 0.00	23.85 0.89 0.00	25.34 0.93 0.00	26.75 1.18 0.00	28.28 1.27 0.00	28.22 1.16 0.00	34.84 1.56 0.00	41.53 1.69 0.32	44.13 2.07 0.20	39.56 1.05 0.44	39.11 0.96 0.37	34.28 1.79 0.00	30.07 1.67 0.00	26.90 1.28 0.00

HQ_GEN_CEDARS 23644	22.95 -0.28 0.00	21.78 -0.24 0.00	19.99 -0.24 0.00	19.11 -0.21 0.00	18.98 -0.10 0.00	19.13 -0.10 0.00	20.44 -0.12 0.00	19.80 -0.14 0.00	19.75 -0.12 0.00	20.43 -0.06 0.00	21.74 -0.07 0.00	22.91 -0.05 0.00	24.31 -0.10 0.00	25.47 -0.10 0.00	26.96 -0.05 0.00	26.68 -0.38 0.00	32.84 -0.43 0.00	39.68 -0.48 0.00	41.93 -0.34 0.00	38.60 -0.35 0.00	38.21 -0.31 0.00	32.13 -0.36 0.00	28.11 -0.28 0.00	25.67 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	22.92 -0.30 0.00	21.78 -0.24 0.00	19.99 -0.24 0.00	19.11 -0.21 0.00	18.98 -0.09 0.00	19.13 -0.10 0.00	20.44 -0.12 0.00	19.80 -0.14 0.00	19.75 -0.12 0.00	20.43 -0.06 0.00	21.74 -0.07 0.00	22.91 -0.05 0.00	24.31 -0.10 0.00	25.47 -0.10 0.00	26.61 -0.40 0.00	26.65 -0.41 0.00	32.84 -0.43 0.00	39.68 -0.48 0.00	41.93 -0.34 0.00	38.60 -0.35 0.00	38.20 -0.31 0.00	32.17 -0.32 0.00	28.11 -0.28 0.00	25.67 0.05 0.00
HQ_GEN_IMPORT 323601	23.02 -0.21 0.00	21.84 -0.18 0.00	20.05 -0.18 0.00	19.17 -0.16 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.42 -0.14 0.00	19.80 -0.14 0.00	19.73 -0.14 0.00	20.37 -0.12 0.00	21.67 -0.13 0.00	22.82 -0.14 0.00	24.26 -0.15 0.00	25.42 -0.15 0.00	26.59 -0.43 -0.01	26.61 -0.43 0.01	32.77 -0.50 0.00	39.56 -0.60 0.00	41.71 -0.55 0.00	38.41 -0.55 0.00	37.97 -0.54 0.00	32.04 -0.45 0.00	26.88 -0.40 1.12	26.61 -0.13 -1.12
HQ_GEN_WHEEL 23651	23.02 -0.21 0.00	21.84 -0.18 0.00	20.05 -0.18 0.00	19.17 -0.16 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.42 -0.14 0.00	19.80 -0.14 0.00	19.73 -0.14 0.00	20.37 -0.12 0.00	21.67 -0.13 0.00	22.82 -0.14 0.00	24.26 -0.15 0.00	25.42 -0.15 0.00	26.59 -0.43 -0.01	26.61 -0.43 0.01	32.77 -0.50 0.00	39.56 -0.60 0.00	41.71 -0.55 0.00	38.41 -0.55 0.00	37.97 -0.54 0.00	32.04 -0.45 0.00	26.88 -0.40 1.12	26.61 -0.13 -1.12
HUDSON AVE_GT_3 23810	24.43 1.21 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.29 1.88 0.00	27.52 1.94 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.10 2.83 0.00	43.50 3.33 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.13 1.51 0.00
HUDSON AVE_GT_4 23540	24.43 1.21 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.29 1.88 0.00	27.52 1.94 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.10 2.83 0.00	43.50 3.33 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.13 1.51 0.00
HUDSON AVE_GT_5 23657	24.43 1.21 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.29 1.88 0.00	27.52 1.94 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.10 2.83 0.00	43.50 3.33 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.13 1.51 0.00
HUDSON_AVE_10 24168	24.36 1.14 0.00	23.14 1.12 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.24 1.83 0.00	27.49 1.92 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00
HUDSON___115KV_TB 4 355613	24.11 0.88 0.00	22.88 0.86 0.00	21.18 0.95 0.00	20.29 0.97 0.00	19.97 0.90 0.00	20.10 0.87 0.00	21.40 0.84 0.00	20.68 0.74 0.00	20.64 0.77 0.00	21.03 0.53 0.00	22.20 0.39 0.00	23.34 0.39 0.00	24.99 0.59 0.00	26.14 0.56 0.00	27.82 0.81 0.00	28.11 1.06 0.00	34.64 1.36 0.00	41.77 1.61 0.00	44.12 1.86 0.00	40.86 1.91 0.00	40.48 1.96 0.00	34.05 1.56 0.00	29.70 1.31 0.00	26.57 0.95 0.00
HUNTER MOUNT___DRP 323613	24.18 0.95 0.00	22.97 0.95 0.00	21.26 1.03 0.00	20.36 1.04 0.00	20.07 0.99 0.00	20.15 0.92 0.00	21.46 0.90 0.00	20.72 0.78 0.00	20.68 0.81 0.00	21.01 0.51 0.00	22.13 0.33 0.00	23.25 0.30 0.00	24.90 0.49 0.00	26.04 0.46 0.00	27.74 0.73 0.00	28.08 1.03 0.00	34.60 1.33 0.00	41.77 1.61 0.00	44.21 1.94 0.00	40.98 2.03 0.00	40.59 2.08 0.00	34.15 1.66 0.00	29.76 1.36 0.00	26.64 1.02 0.00
HUNTINGTON_RES_REC 323705	28.89 1.51 -4.15	25.22 1.48 -1.72	23.71 1.31 -2.16	22.00 1.27 -1.40	20.42 1.24 -0.11	20.84 1.27 -0.34	21.79 1.23 0.00	20.96 1.02 0.00	21.22 1.35 0.00	21.94 1.43 -0.01	31.23 1.57 -7.85	32.79 1.65 -8.19	35.26 2.10 -8.75	39.60 2.30 -11.72	40.21 2.92 -10.28	43.64 2.98 -13.61	62.95 3.40 -26.28	54.76 4.02 -10.58	46.24 3.97 -0.01	45.35 3.58 -2.81	42.49 3.58 -0.40	37.04 2.76 -1.79	33.00 2.33 -2.27	31.26 1.82 -3.82
HUNTLEY___63 23557	22.69 -0.53 0.00	21.03 -0.99 0.00	19.40 -0.83 0.00	18.51 -0.81 0.00	18.26 -0.82 0.00	18.48 -0.75 0.00	20.07 -0.49 0.00	19.40 -0.54 0.00	18.99 -0.87 0.00	19.73 -0.76 0.00	21.43 -0.37 0.00	22.68 -0.28 0.00	23.94 -0.46 0.00	25.35 -0.23 0.00	25.80 -1.22 0.00	26.32 -0.73 0.00	32.44 -0.83 0.00	37.76 -1.89 0.52	40.29 -1.65 0.33	35.98 -2.26 0.72	35.72 -2.20 0.60	31.61 -0.88 0.00	27.37 -1.02 0.00	24.93 -0.69 0.00
HUNTLEY___64 23558	22.69 -0.53 0.00	21.03 -0.99 0.00	19.40 -0.83 0.00	18.51 -0.81 0.00	18.26 -0.82 0.00	18.48 -0.75 0.00	20.07 -0.49 0.00	19.40 -0.54 0.00	18.99 -0.87 0.00	19.73 -0.76 0.00	21.43 -0.37 0.00	22.68 -0.28 0.00	23.94 -0.46 0.00	25.35 -0.23 0.00	25.80 -1.22 0.00	26.32 -0.73 0.00	32.44 -0.83 0.00	37.76 -1.89 0.52	40.29 -1.65 0.33	35.98 -2.26 0.72	35.72 -2.20 0.60	31.61 -0.88 0.00	27.37 -1.02 0.00	24.93 -0.69 0.00
HUNTLEY___65 23559	22.69 -0.53 0.00	21.03 -0.99 0.00	19.40 -0.83 0.00	18.51 -0.81 0.00	18.26 -0.82 0.00	18.48 -0.75 0.00	20.07 -0.49 0.00	19.40 -0.54 0.00	18.99 -0.87 0.00	19.73 -0.76 0.00	21.43 -0.37 0.00	22.68 -0.28 0.00	23.94 -0.46 0.00	25.35 -0.23 0.00	25.80 -1.22 0.00	26.32 -0.73 0.00	32.44 -0.83 0.00	37.76 -1.89 0.52	40.29 -1.65 0.33	35.98 -2.26 0.72	35.72 -2.20 0.60	31.61 -0.88 0.00	27.37 -1.02 0.00	24.93 -0.69 0.00
HUNTLEY___66 23560	22.69 -0.53 0.00	21.03 -0.99 0.00	19.40 -0.83 0.00	18.51 -0.81 0.00	18.26 -0.82 0.00	18.48 -0.75 0.00	20.07 -0.49 0.00	19.40 -0.54 0.00	18.99 -0.87 0.00	19.73 -0.76 0.00	21.43 -0.37 0.00	22.68 -0.28 0.00	23.94 -0.46 0.00	25.35 -0.23 0.00	25.80 -1.22 0.00	26.32 -0.73 0.00	32.44 -0.83 0.00	37.76 -1.89 0.52	40.29 -1.65 0.33	35.98 -2.26 0.72	35.72 -2.20 0.60	31.61 -0.88 0.00	27.37 -1.02 0.00	24.93 -0.69 0.00



HUNTLEY___67 23561	22.58 -0.65 0.00	20.94 -1.08 0.00	19.28 -0.95 0.00	18.41 -0.91 0.00	18.16 -0.92 0.00	18.38 -0.85 0.00	19.96 -0.60 0.00	19.30 -0.64 0.00	18.89 -0.97 0.00	19.61 -0.88 0.00	21.30 -0.50 0.00	22.52 -0.44 0.00	23.77 -0.63 0.00	25.12 -0.46 0.00	25.58 -1.43 0.00	26.11 -0.95 0.00	32.21 -1.06 0.00	37.48 -2.17 0.51	40.00 -1.94 0.33	35.71 -2.53 0.71	35.46 -2.46 0.59	31.35 -1.14 0.00	27.17 -1.22 0.00	24.75 -0.87 0.00
HUNTLEY___68 23562	22.58 -0.65 0.00	20.94 -1.08 0.00	19.28 -0.95 0.00	18.41 -0.91 0.00	18.16 -0.92 0.00	18.38 -0.85 0.00	19.96 -0.60 0.00	19.30 -0.64 0.00	18.89 -0.97 0.00	19.61 -0.88 0.00	21.30 -0.50 0.00	22.52 -0.44 0.00	23.77 -0.63 0.00	25.12 -0.46 0.00	25.58 -1.43 0.00	26.11 -0.95 0.00	32.21 -1.06 0.00	37.48 -2.17 0.51	40.00 -1.94 0.33	35.71 -2.53 0.71	35.46 -2.46 0.59	31.35 -1.14 0.00	27.17 -1.22 0.00	24.75 -0.87 0.00
HYLAND___LFGE 323620	23.90 0.67 0.00	22.29 0.27 0.00	20.47 0.24 0.00	19.51 0.19 0.00	19.27 0.19 0.00	19.44 0.21 0.00	20.93 0.37 0.00	20.14 0.20 0.00	19.53 -0.34 0.00	19.98 -0.51 0.00	21.30 -0.50 0.00	22.45 -0.51 0.00	23.75 -0.66 0.00	24.96 -0.61 0.00	26.36 -0.65 0.00	26.30 -0.76 0.00	32.54 -0.73 0.00	39.02 -0.68 0.46	42.19 0.21 0.29	38.91 0.59 0.63	38.95 0.96 0.52	34.05 1.56 0.00	29.64 1.25 0.00	26.49 0.87 0.00
INDECK___CORINTH 23802	25.02 1.79 0.00	23.78 1.76 0.00	21.81 1.58 0.00	20.81 1.49 0.00	20.32 1.24 0.00	20.46 1.23 0.00	21.85 1.30 0.00	20.98 1.04 0.00	21.04 1.17 0.00	21.56 1.06 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.93 1.92 0.00	29.17 2.11 0.00	35.90 2.63 0.00	43.06 2.89 0.00	45.48 3.21 0.00	42.07 3.12 0.00	41.75 3.24 0.00	35.12 2.63 0.00	30.84 2.44 0.00	27.59 1.97 0.00
INDECK___ILION 23567	23.39 0.16 0.00	22.15 0.13 0.00	20.35 0.12 0.00	19.44 0.12 0.00	19.19 0.11 0.00	19.35 0.12 0.00	20.68 0.12 0.00	20.06 0.12 0.00	19.97 0.10 0.00	20.62 0.12 0.00	21.91 0.11 0.00	23.04 0.09 0.00	24.53 0.12 0.00	25.70 0.13 0.00	27.15 0.14 0.00	27.24 0.19 0.00	33.54 0.27 0.00	40.52 0.36 0.00	42.65 0.38 0.00	39.34 0.39 0.00	38.86 0.35 0.00	32.85 0.36 0.00	28.71 0.31 0.00	25.82 0.20 0.00
INDECK___OLEAN 23982	22.90 -0.33 0.00	21.32 -0.71 0.00	19.62 -0.61 0.00	18.74 -0.58 0.00	18.48 -0.59 0.00	18.75 -0.48 0.00	20.25 -0.31 0.00	19.52 -0.42 0.00	19.15 -0.71 0.00	19.90 -0.59 0.00	21.52 -0.28 0.00	22.86 -0.09 0.00	24.24 -0.17 0.00	25.63 0.05 0.00	27.01 0.00 0.00	26.84 -0.22 0.00	32.97 -0.30 0.00	38.77 -0.96 0.43	41.10 -0.89 0.27	35.94 -2.54 0.60	35.47 -2.54 0.50	32.04 -0.45 0.00	28.02 -0.37 0.00	25.34 -0.28 0.00
INDECK___OSWEGO 23783	22.83 -0.39 0.00	21.65 -0.37 0.00	19.87 -0.36 0.00	18.95 -0.37 0.00	18.71 -0.36 0.00	18.86 -0.37 0.00	20.21 -0.35 0.00	19.62 -0.32 0.00	19.47 -0.40 0.00	20.12 -0.37 0.00	21.43 -0.37 0.00	22.52 -0.44 0.00	23.80 -0.61 0.00	24.94 -0.64 0.00	26.42 -0.59 0.00	26.46 -0.60 0.00	32.57 -0.70 0.00	40.06 -0.85 -0.74	41.89 -0.84 -0.47	39.20 -0.78 -1.03	38.60 -0.77 -0.85	31.91 -0.58 0.00	27.88 -0.51 0.00	25.03 -0.59 0.00
INDECK___YERKES 23781	22.74 -0.49 0.00	21.05 -0.97 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.28 -0.80 0.00	18.54 -0.69 0.00	20.09 -0.47 0.00	19.42 -0.52 0.00	19.01 -0.85 0.00	19.76 -0.74 0.00	21.45 -0.35 0.00	22.70 -0.25 0.00	23.97 -0.44 0.00	25.42 -0.15 0.00	26.77 -0.24 0.00	26.43 -0.62 0.00	32.47 -0.80 0.00	37.80 -1.85 0.52	40.33 -1.61 0.33	36.02 -2.22 0.72	35.76 -2.16 0.60	31.65 -0.84 0.00	27.63 -0.77 0.00	24.98 -0.64 0.00
INDIAN POINT_GT_1 24139	24.27 1.05 0.00	23.03 1.01 0.00	21.12 0.89 0.00	20.15 0.83 0.00	19.90 0.82 0.00	20.08 0.85 0.00	21.38 0.82 0.00	20.76 0.82 0.00	20.82 0.95 0.00	21.48 0.98 0.00	22.87 1.07 0.00	24.12 1.17 0.00	25.95 1.54 0.00	27.19 1.61 0.00	28.90 1.89 0.00	29.19 2.14 0.00	35.70 2.43 0.00	43.09 2.93 0.00	45.05 2.79 0.00	41.49 2.53 0.00	41.02 2.50 0.00	34.47 1.98 0.00	30.15 1.76 0.00	26.87 1.26 0.00
INDIAN POINT_GT_2 23659	24.27 1.05 0.00	23.03 1.01 0.00	21.12 0.89 0.00	20.15 0.83 0.00	19.90 0.82 0.00	20.08 0.85 0.00	21.38 0.82 0.00	20.76 0.82 0.00	20.82 0.95 0.00	21.48 0.98 0.00	22.87 1.07 0.00	24.12 1.17 0.00	25.95 1.54 0.00	27.19 1.61 0.00	28.90 1.89 0.00	29.19 2.14 0.00	35.70 2.43 0.00	43.09 2.93 0.00	45.05 2.79 0.00	41.49 2.53 0.00	41.02 2.50 0.00	34.47 1.98 0.00	30.15 1.76 0.00	26.87 1.26 0.00
INDIAN POINT_GT_3 24019	24.27 1.05 0.00	23.03 1.01 0.00	21.12 0.89 0.00	20.15 0.83 0.00	19.90 0.82 0.00	20.08 0.85 0.00	21.38 0.82 0.00	20.76 0.82 0.00	20.82 0.95 0.00	21.48 0.98 0.00	22.87 1.07 0.00	24.12 1.17 0.00	25.95 1.54 0.00	27.19 1.61 0.00	28.90 1.89 0.00	29.19 2.14 0.00	35.70 2.43 0.00	43.09 2.93 0.00	45.05 2.79 0.00	41.49 2.53 0.00	41.02 2.50 0.00	34.47 1.98 0.00	30.15 1.76 0.00	26.87 1.26 0.00
INDIAN POINT___2 23530	24.22 1.00 0.00	22.99 0.97 0.00	21.08 0.85 0.00	20.13 0.81 0.00	19.86 0.78 0.00	20.04 0.81 0.00	21.36 0.80 0.00	20.74 0.80 0.00	20.78 0.91 0.00	21.46 0.96 0.00	22.83 1.03 0.00	24.08 1.12 0.00	25.92 1.51 0.00	27.14 1.56 0.00	29.06 2.05 0.00	29.17 2.11 0.00	35.67 2.40 0.00	43.01 2.85 0.00	44.97 2.71 0.00	41.41 2.46 0.00	40.94 2.43 0.00	34.41 1.92 0.00	30.10 1.70 0.00	26.85 1.23 0.00
INDIAN POINT___3 23531	24.23 1.00 0.00	22.99 0.97 0.00	21.10 0.87 0.00	20.15 0.83 0.00	19.88 0.80 0.00	20.06 0.83 0.00	21.36 0.80 0.00	20.74 0.80 0.00	20.80 0.93 0.00	21.46 0.96 0.00	22.83 1.02 0.00	24.08 1.12 0.00	25.92 1.51 0.00	27.16 1.59 0.00	28.85 1.84 0.00	29.14 2.08 0.00	35.67 2.40 0.00	43.01 2.85 0.00	44.97 2.70 0.00	41.45 2.49 0.00	40.94 2.43 0.00	34.41 1.92 0.00	30.13 1.73 0.00	26.85 1.23 0.00
INGHAM_C_115KV_TB7 356103	23.44 0.21 0.00	22.20 0.18 0.00	20.37 0.14 0.00	19.46 0.14 0.00	19.21 0.13 0.00	19.36 0.13 0.00	20.72 0.16 0.00	20.08 0.14 0.00	19.99 0.12 0.00	20.62 0.12 0.00	21.94 0.13 0.00	23.04 0.09 0.00	24.51 0.10 0.00	25.70 0.13 0.00	27.15 0.14 0.00	27.19 0.14 0.00	33.50 0.23 0.00	40.44 0.28 0.00	42.56 0.30 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.91 0.42 0.00	28.76 0.37 0.00	25.87 0.26 0.00
IP CORINTH___1 23988	25.02 1.79 0.00	23.78 1.76 0.00	21.81 1.58 0.00	20.81 1.49 0.00	20.32 1.24 0.00	20.48 1.25 0.00	21.85 1.30 0.00	20.98 1.04 0.00	21.04 1.17 0.00	21.56 1.07 0.00	22.83 1.02 0.00	24.05 1.10 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.74 1.73 0.00	29.14 2.08 0.00	35.90 2.63 0.00	43.05 2.89 0.00	45.48 3.21 0.00	42.07 3.12 0.00	41.75 3.24 0.00	35.16 2.66 0.00	30.86 2.47 0.00	27.59 1.97 0.00

IP___TICONDEROGA 23804	25.78 2.55 0.00	24.53 2.51 0.00	22.44 2.21 0.00	21.39 2.07 0.00	20.93 1.85 0.00	21.10 1.87 0.00	22.51 1.95 0.00	21.56 1.62 0.00	21.68 1.81 0.00	22.13 1.64 0.00	23.44 1.64 0.00	24.70 1.74 0.00	26.48 2.07 0.00	27.70 2.12 0.00	29.55 2.54 0.00	30.11 3.06 0.00	37.13 3.86 0.00	44.50 4.34 0.00	47.17 4.90 0.00	43.75 4.79 0.00	43.52 5.01 0.00	36.72 4.22 0.00	32.06 3.66 0.00	28.59 2.97 0.00
ISLIP_RES_REC 323679	29.24 1.86 -4.15	25.55 1.81 -1.72	24.05 1.66 -2.16	22.33 1.60 -1.40	20.77 1.58 -0.11	21.18 1.62 -0.34	22.16 1.60 0.00	21.22 1.28 0.00	21.50 1.63 0.00	22.22 1.72 -0.01	31.55 1.90 -7.85	33.18 2.04 -8.19	35.65 2.49 -8.75	40.06 2.76 -11.72	40.75 3.46 -10.28	44.18 3.52 -13.61	63.58 4.02 -26.28	55.56 4.82 -10.58	47.09 4.82 -0.01	46.13 4.36 -2.81	43.26 4.35 -0.40	37.63 3.35 -1.79	33.51 2.84 -2.27	31.59 2.15 -3.82
JAMAICA__27_KV_LOAD 355505	24.50 1.28 0.00	23.25 1.23 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.27 1.04 0.00	21.61 1.05 0.00	21.02 1.08 0.00	21.10 1.23 0.00	21.80 1.31 0.00	23.29 1.48 0.00	24.54 1.58 0.00	26.43 2.03 0.00	27.70 2.12 0.00	29.39 2.38 0.00	29.71 2.65 0.00	36.27 2.99 0.00	43.78 3.61 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.63 3.12 0.00	34.96 2.47 0.00	30.64 2.24 0.00	27.26 1.64 0.00
JANIS___SOLAR 323808	24.27 1.05 0.00	22.90 0.88 0.00	20.96 0.73 0.00	19.98 0.66 0.00	19.70 0.63 0.00	19.90 0.67 0.00	21.40 0.84 0.00	20.72 0.78 0.00	20.37 0.50 0.00	20.98 0.49 0.00	22.26 0.46 0.00	23.39 0.44 0.00	24.90 0.49 0.00	26.22 0.64 0.00	27.77 0.76 0.00	27.86 0.81 0.00	34.53 1.26 0.00	41.76 1.73 0.13	44.34 2.15 0.08	40.80 2.02 0.18	40.33 1.96 0.15	34.34 1.85 0.00	29.98 1.59 0.00	26.82 1.20 0.00
JARVIS____ 23743	23.30 0.07 0.00	22.09 0.07 0.00	20.29 0.06 0.00	19.38 0.06 0.00	19.11 0.04 0.00	19.27 0.04 0.00	20.60 0.04 0.00	19.98 0.04 0.00	19.91 0.04 0.00	20.53 0.04 0.00	21.85 0.04 0.00	22.98 0.02 0.00	24.46 0.05 0.00	25.63 0.05 0.00	27.12 0.11 0.00	27.16 0.11 0.00	33.40 0.13 0.00	40.41 0.24 0.00	42.48 0.21 0.00	39.19 0.24 0.00	38.75 0.23 0.00	32.69 0.20 0.00	28.56 0.17 0.00	25.69 0.08 0.00
JENNISON___1 23625	24.39 1.16 0.00	22.99 0.97 0.00	21.06 0.83 0.00	20.07 0.75 0.00	19.80 0.72 0.00	19.98 0.75 0.00	21.50 0.95 0.00	20.86 0.92 0.00	20.60 0.74 0.00	21.29 0.80 0.00	22.61 0.81 0.00	23.78 0.83 0.00	25.36 0.95 0.00	26.73 1.15 0.00	28.07 1.05 0.00	28.38 1.33 0.00	35.17 1.90 0.00	42.33 2.29 0.12	44.72 2.54 0.08	41.05 2.26 0.17	40.53 2.16 0.14	34.54 2.05 0.00	30.10 1.70 0.00	26.95 1.33 0.00
JENNISON___2 23626	24.39 1.16 0.00	22.99 0.97 0.00	21.06 0.83 0.00	20.07 0.75 0.00	19.80 0.72 0.00	19.98 0.75 0.00	21.50 0.95 0.00	20.86 0.92 0.00	20.60 0.74 0.00	21.29 0.80 0.00	22.61 0.81 0.00	23.78 0.83 0.00	25.36 0.95 0.00	26.73 1.15 0.00	28.07 1.05 0.00	28.38 1.33 0.00	35.17 1.90 0.00	42.33 2.29 0.12	44.72 2.54 0.08	41.05 2.26 0.17	40.53 2.16 0.14	34.54 2.05 0.00	30.10 1.70 0.00	26.95 1.33 0.00
JERICHO_RISE_WT_PWR 323719	22.76 -0.46 0.00	21.62 -0.40 0.00	19.85 -0.39 0.00	18.97 -0.35 0.00	18.81 -0.27 0.00	19.00 -0.23 0.00	20.31 -0.25 0.00	19.74 -0.20 0.00	19.77 -0.10 0.00	20.37 -0.12 0.00	21.70 -0.11 0.00	22.88 -0.07 0.00	24.29 -0.12 0.00	25.42 -0.15 0.00	26.53 -0.49 0.00	26.59 -0.46 0.00	32.84 -0.43 0.00	39.72 -0.44 0.00	42.48 0.21 0.00	38.99 0.04 0.00	38.55 0.04 0.00	32.39 -0.10 0.00	28.28 -0.11 0.00	25.80 0.18 0.00
KATONAH___115KV_46KV_TB4 355592	24.48 1.25 0.00	23.23 1.21 0.00	21.26 1.03 0.00	20.29 0.97 0.00	20.03 0.95 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.90 0.96 0.00	21.00 1.13 0.00	21.64 1.15 0.00	23.05 1.24 0.00	24.35 1.40 0.00	26.12 1.71 0.00	27.42 1.84 0.00	29.15 2.13 0.00	29.49 2.43 0.00	36.07 2.79 0.00	43.54 3.37 0.00	45.60 3.34 0.00	41.95 3.00 0.00	41.48 2.97 0.00	34.83 2.34 0.00	30.41 2.02 0.00	27.05 1.43 0.00
KCE_NY_1 323755	24.78 1.56 0.00	23.56 1.54 0.00	21.63 1.39 0.00	20.65 1.33 0.00	20.30 1.22 0.00	20.42 1.19 0.00	21.79 1.23 0.00	21.04 1.10 0.00	21.06 1.19 0.00	21.58 1.09 0.00	22.85 1.05 0.00	24.08 1.12 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.90 1.89 0.00	29.08 2.03 0.00	35.77 2.50 0.00	42.93 2.77 0.00	45.27 3.00 0.00	41.88 2.92 0.00	41.52 3.01 0.00	34.93 2.44 0.00	30.52 2.13 0.00	27.31 1.69 0.00
KCE_NY_6_ESR 323823	22.88 -0.35 0.00	21.23 -0.79 0.00	19.56 -0.67 0.00	18.66 -0.66 0.00	18.41 -0.67 0.00	18.67 -0.56 0.00	20.23 -0.33 0.00	19.54 -0.40 0.00	19.13 -0.73 0.00	19.88 -0.61 0.00	21.59 -0.22 0.00	22.84 -0.11 0.00	24.14 -0.27 0.00	25.60 0.03 0.00	26.96 -0.05 0.00	26.65 -0.41 0.00	32.77 -0.50 0.00	38.23 -1.44 0.49	40.73 -1.23 0.31	36.21 -2.07 0.68	35.87 -2.08 0.57	31.87 -0.62 0.00	27.85 -0.54 0.00	25.18 -0.44 0.00
KEDC_PORT_JEFF_GT2 24210	29.10 1.72 -4.15	25.42 1.67 -1.72	23.93 1.54 -2.16	22.21 1.49 -1.40	20.65 1.47 -0.11	21.07 1.50 -0.34	22.04 1.48 0.00	21.12 1.18 0.00	21.40 1.53 0.00	22.10 1.60 -0.01	31.40 1.74 -7.85	33.02 1.88 -8.19	35.46 2.29 -8.75	39.85 2.56 -11.72	40.48 3.19 -10.28	43.93 3.27 -13.61	63.08 3.53 -26.28	54.96 4.22 -10.58	46.46 4.19 -0.01	45.55 3.78 -2.81	42.92 4.01 -0.40	37.37 3.09 -1.79	33.28 2.61 -2.27	31.44 2.00 -3.82
KEDC_PORT_JEFF_GT3 24211	29.10 1.72 -4.15	25.42 1.67 -1.72	23.93 1.54 -2.16	22.21 1.49 -1.40	20.65 1.47 -0.11	21.07 1.50 -0.34	22.04 1.48 0.00	21.12 1.18 0.00	21.40 1.53 0.00	22.10 1.60 -0.01	31.40 1.74 -7.85	33.02 1.88 -8.19	35.46 2.29 -8.75	39.85 2.56 -11.72	40.48 3.19 -10.28	43.93 3.27 -13.61	63.08 3.53 -26.28	54.96 4.22 -10.58	46.46 4.19 -0.01	45.55 3.78 -2.81	42.92 4.01 -0.40	37.37 3.09 -1.79	33.28 2.61 -2.27	31.44 2.00 -3.82
KEDC_GLWD_GT4 24219	28.98 1.60 -4.15	25.26 1.52 -1.72	23.75 1.36 -2.16	22.00 1.27 -1.40	20.42 1.24 -0.11	20.86 1.29 -0.34	21.81 1.25 0.00	21.06 1.12 0.00	21.26 1.39 0.00	21.98 1.48 -0.01	31.29 1.64 -7.85	32.95 1.81 -8.19	35.41 2.24 -8.75	39.68 2.38 -11.72	39.99 2.70 -10.28	43.39 2.73 -13.61	62.72 3.16 -26.28	54.48 3.74 -10.58	45.91 3.64 -0.01	45.04 3.27 -2.81	42.11 3.19 -0.40	37.14 2.86 -1.79	33.14 2.47 -2.27	31.36 1.92 -3.82
KEDC_GLWD_GT5 24220	28.98 1.60 -4.15	25.26 1.52 -1.72	23.75 1.36 -2.16	22.00 1.27 -1.40	20.42 1.24 -0.11	20.86 1.29 -0.34	21.81 1.25 0.00	21.06 1.12 0.00	21.26 1.39 0.00	21.98 1.48 -0.01	31.29 1.64 -7.85	32.95 1.81 -8.19	35.41 2.24 -8.75	39.68 2.38 -11.72	39.99 2.70 -10.28	43.39 2.73 -13.61	62.72 3.16 -26.28	54.48 3.74 -10.58	45.91 3.64 -0.01	45.04 3.27 -2.81	42.11 3.19 -0.40	37.14 2.86 -1.79	33.14 2.47 -2.27	31.36 1.92 -3.82

KENSICO____ 23655	24.32 1.09 0.00	23.08 1.06 0.00	21.16 0.93 0.00	20.21 0.89 0.00	19.93 0.86 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.82 0.88 0.00	20.88 1.01 0.00	21.54 1.05 0.00	22.94 1.13 0.00	24.19 1.24 0.00	26.04 1.64 0.00	27.26 1.69 0.00	28.98 1.97 0.00	29.27 2.22 0.00	35.80 2.53 0.00	43.18 3.01 0.00	45.18 2.92 0.00	41.60 2.65 0.00	41.13 2.62 0.00	34.57 2.08 0.00	30.24 1.85 0.00	26.95 1.33 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.36 1.14 0.00	23.08 1.06 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.92 0.84 0.00	20.08 0.85 0.00	21.40 0.84 0.00	20.76 0.82 0.00	20.80 0.93 0.00	21.46 0.96 0.00	22.79 0.98 0.00	24.01 1.06 0.00	25.87 1.46 0.00	27.16 1.59 0.00	28.90 1.89 0.00	29.22 2.16 0.00	35.80 2.53 0.00	43.30 3.13 0.00	45.35 3.09 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.70 2.21 0.00	30.35 1.96 0.00	27.08 1.46 0.00
KIAC_JFK_GT1 23816	24.36 1.14 0.00	23.14 1.12 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.17 0.94 0.00	21.50 0.95 0.00	20.90 0.96 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.15 2.13 0.00	29.46 2.41 0.00	35.93 2.66 0.00	43.38 3.21 0.00	45.31 3.04 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.47 2.07 0.00	27.10 1.49 0.00
KIAC_JFK_GT2 23817	24.36 1.14 0.00	23.14 1.12 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.17 0.94 0.00	21.50 0.95 0.00	20.90 0.96 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.15 2.13 0.00	29.46 2.41 0.00	35.93 2.66 0.00	43.38 3.21 0.00	45.31 3.04 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.47 2.07 0.00	27.10 1.49 0.00
KIAC_JFK____ 323774	24.39 1.16 0.00	23.14 1.12 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.17 0.94 0.00	21.51 0.95 0.00	20.90 0.96 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.36 2.35 0.00	29.46 2.41 0.00	35.93 2.66 0.00	43.38 3.21 0.00	45.31 3.04 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.44 2.05 0.00	27.10 1.49 0.00
KINTIGH____ 23543	22.48 -0.74 0.00	20.92 -1.10 0.00	19.28 -0.95 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.35 -0.88 0.00	19.88 -0.68 0.00	19.28 -0.66 0.00	18.91 -0.95 0.00	19.63 -0.86 0.00	21.24 -0.57 0.00	22.42 -0.53 0.00	23.65 -0.76 0.00	24.94 -0.64 0.00	25.53 -1.49 0.00	26.03 -1.03 0.00	32.07 -1.20 0.00	37.46 -2.13 0.58	39.91 -1.99 0.37	36.09 -2.06 0.80	35.81 -2.04 0.66	31.35 -1.14 0.00	27.14 -1.25 0.00	24.64 -0.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.27 0.05 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.38 0.06 0.00	19.21 0.13 0.00	19.40 0.17 0.00	20.72 0.16 0.00	20.16 0.22 0.00	20.19 0.32 0.00	20.66 0.16 0.00	22.00 0.20 0.00	23.20 0.25 0.00	24.60 0.20 0.00	25.75 0.18 0.00	27.26 0.24 0.00	27.03 -0.03 0.00	33.44 0.17 0.00	40.52 0.36 0.00	43.70 1.44 0.00	40.05 1.09 0.00	39.55 1.04 0.00	33.14 0.65 0.00	28.99 0.60 0.00	26.39 0.77 0.00
LACHUTE____HYDRO 323717	25.80 2.58 0.00	24.53 2.51 0.00	22.44 2.21 0.00	21.39 2.07 0.00	20.93 1.85 0.00	21.08 1.85 0.00	22.51 1.95 0.00	21.56 1.61 0.00	21.68 1.81 0.00	22.13 1.64 0.00	23.44 1.64 0.00	24.70 1.74 0.00	26.48 2.07 0.00	27.70 2.12 0.00	29.77 2.76 0.00	30.11 3.06 0.00	37.13 3.86 0.00	44.50 4.34 0.00	47.17 4.90 0.00	43.74 4.79 0.00	43.52 5.00 0.00	36.65 4.16 0.00	32.03 3.64 0.00	28.59 2.97 0.00
LAWRNCV_115KV_TB1 80681	22.58 -0.65 0.00	21.43 -0.59 0.00	19.64 -0.59 0.00	18.78 -0.54 0.00	18.83 -0.25 0.00	18.98 -0.25 0.00	20.27 -0.29 0.00	19.66 -0.28 0.00	19.61 -0.26 0.00	20.33 -0.16 0.00	21.63 -0.17 0.00	22.79 -0.16 0.00	24.19 -0.22 0.00	25.37 -0.20 0.00	26.85 -0.16 0.00	26.54 -0.51 0.00	32.71 -0.57 0.00	39.52 -0.64 0.00	41.84 -0.42 0.00	38.57 -0.39 0.00	38.17 -0.35 0.00	32.13 -0.36 0.00	28.08 -0.31 0.00	25.59 -0.03 0.00
LEDERLE____ 23769	24.32 1.09 0.00	23.08 1.06 0.00	21.16 0.93 0.00	20.21 0.89 0.00	19.93 0.86 0.00	20.11 0.88 0.00	21.44 0.88 0.00	20.80 0.86 0.00	20.86 0.99 0.00	21.54 1.05 0.00	22.92 1.11 0.00	24.17 1.22 0.00	26.04 1.64 0.00	27.29 1.71 0.00	29.01 2.00 0.00	29.33 2.27 0.00	35.87 2.60 0.00	43.26 3.09 0.00	45.22 2.96 0.00	41.64 2.69 0.00	41.13 2.62 0.00	34.60 2.11 0.00	30.27 1.87 0.00	26.98 1.36 0.00
LIGHTHSE_115KV_TB6 355974	22.76 -0.46 0.00	21.56 -0.46 0.00	19.77 -0.47 0.00	18.86 -0.46 0.00	18.62 -0.46 0.00	18.77 -0.46 0.00	20.13 -0.43 0.00	19.52 -0.42 0.00	19.35 -0.52 0.00	20.04 -0.45 0.00	21.32 -0.48 0.00	22.38 -0.57 0.00	23.68 -0.73 0.00	24.83 -0.74 0.00	26.17 -0.84 0.00	26.35 -0.70 0.00	32.51 -0.77 0.00	39.56 -0.80 -0.21	41.68 -0.72 -0.13	38.69 -0.55 -0.28	38.21 -0.54 -0.24	32.07 -0.42 0.00	27.97 -0.43 0.00	25.11 -0.51 0.00
LINDEN COGEN____ 23786	24.27 1.05 0.00	23.06 1.04 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.91 0.84 0.00	20.12 0.89 0.00	21.42 0.86 0.00	20.82 0.88 0.00	20.90 1.03 0.00	21.58 1.09 0.00	23.02 1.22 0.00	24.26 1.31 0.00	26.14 1.73 0.00	27.37 1.79 0.00	29.34 2.32 0.00	29.44 2.38 0.00	35.90 2.63 0.00	43.21 3.05 0.00	45.14 2.88 0.00	41.56 2.61 0.00	41.06 2.54 0.00	34.60 2.11 0.00	30.30 1.90 0.00	27.00 1.38 0.00
LINDHRST_69_KV_BK1 356055	29.20 1.83 -4.14	25.50 1.76 -1.72	23.96 1.58 -2.15	22.22 1.51 -1.40	20.67 1.49 -0.10	21.08 1.52 -0.33	22.06 1.50 0.00	21.24 1.30 0.00	21.48 1.61 0.00	22.19 1.70 0.00	31.50 1.85 -7.85	33.15 2.02 -8.18	35.62 2.47 -8.75	39.90 2.61 -11.71	40.23 2.94 -10.27	43.87 3.22 -13.60	63.31 3.76 -26.28	55.19 4.46 -10.57	46.70 4.44 0.00	45.81 4.05 -2.81	42.95 4.04 -0.39	37.49 3.22 -1.78	33.50 2.84 -2.27	31.61 2.18 -3.81
LIPA_MISC_IPP 23656	28.92 1.56 -4.14	25.30 1.56 -1.72	23.82 1.44 -2.15	22.13 1.41 -1.40	20.59 1.41 -0.10	21.00 1.44 -0.33	22.00 1.44 0.00	21.00 1.06 0.00	21.28 1.41 0.00	22.01 1.52 0.00	31.26 1.61 -7.85	32.88 1.74 -8.18	35.30 2.15 -8.75	39.69 2.40 -11.71	40.07 2.78 -10.27	43.74 3.08 -13.60	63.07 3.53 -26.28	54.99 4.26 -10.57	46.49 4.23 0.00	45.62 3.86 -2.81	42.72 3.81 -0.39	37.16 2.89 -1.78	33.16 2.50 -2.27	31.28 1.84 -3.81
LISF__SOLAR 323691	28.98 1.60 -4.15	25.33 1.59 -1.72	23.87 1.48 -2.16	22.17 1.45 -1.40	20.63 1.45 -0.11	21.03 1.46 -0.34	22.04 1.48 0.00	21.02 1.08 0.00	21.30 1.43 0.00	22.02 1.52 -0.01	31.29 1.64 -7.85	32.91 1.77 -8.19	35.33 2.17 -8.75	39.73 2.43 -11.72	40.40 3.11 -10.28	43.82 3.16 -13.61	63.18 3.63 -26.28	55.12 4.38 -10.58	46.63 4.35 -0.01	45.74 3.98 -2.81	42.84 3.93 -0.40	37.27 2.99 -1.79	33.22 2.56 -2.27	31.34 1.90 -3.82

LITTLE FALLS___HYD 24013	23.44 0.21 0.00	22.20 0.18 0.00	20.37 0.14 0.00	19.46 0.14 0.00	19.21 0.13 0.00	19.36 0.13 0.00	20.72 0.16 0.00	20.08 0.14 0.00	19.99 0.12 0.00	20.62 0.12 0.00	21.94 0.13 0.00	23.04 0.09 0.00	24.51 0.10 0.00	25.70 0.13 0.00	27.15 0.14 0.00	27.19 0.14 0.00	33.50 0.23 0.00	40.44 0.28 0.00	42.56 0.30 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.91 0.42 0.00	28.76 0.37 0.00	25.87 0.26 0.00
LITTLRIV_115KV_TB1 356100	22.81 -0.42 0.00	21.62 -0.40 0.00	19.83 -0.40 0.00	18.93 -0.39 0.00	18.98 -0.10 0.00	19.13 -0.10 0.00	20.46 -0.10 0.00	19.82 -0.12 0.00	19.73 -0.14 0.00	20.45 -0.04 0.00	21.74 -0.07 0.00	22.88 -0.07 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	26.99 -0.03 0.00	26.65 -0.41 0.00	32.87 -0.40 0.00	39.76 -0.40 0.00	42.18 -0.08 0.00	38.95 0.00 0.00	38.59 0.08 0.00	32.46 -0.03 0.00	28.36 -0.03 0.00	25.87 0.26 0.00
LI_NEWBRDGE___DRP 323616	28.74 1.37 -4.14	25.06 1.32 -1.72	23.56 1.17 -2.15	21.84 1.12 -1.40	20.27 1.09 -0.10	20.69 1.13 -0.33	21.65 1.09 0.00	20.92 0.98 0.00	21.10 1.23 0.00	21.80 1.31 0.00	31.07 1.42 -7.85	32.65 1.51 -8.18	35.08 1.93 -8.75	39.31 2.02 -11.71	39.61 2.32 -10.27	43.22 2.57 -13.60	62.51 2.96 -26.28	54.27 3.53 -10.57	45.69 3.42 0.00	44.88 3.12 -2.81	41.98 3.08 -0.39	36.74 2.47 -1.78	32.84 2.19 -2.27	31.07 1.64 -3.81
LOCKPORT_115KV_TB60_63_64 80432	22.58 -0.65 0.00	20.92 -1.10 0.00	19.28 -0.95 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.35 -0.88 0.00	19.94 -0.62 0.00	19.28 -0.66 0.00	18.85 -1.01 0.00	19.59 -0.90 0.00	21.28 -0.52 0.00	22.49 -0.46 0.00	23.72 -0.68 0.00	25.12 -0.46 0.00	25.53 -1.49 0.00	26.08 -0.97 0.00	32.17 -1.10 0.00	37.42 -2.21 0.53	39.98 -1.94 0.34	35.80 -2.42 0.74	35.55 -2.35 0.61	31.42 -1.07 0.00	27.17 -1.22 0.00	24.75 -0.87 0.00
LOCKPORT___CC1 323769	22.55 -0.67 0.00	20.90 -1.12 0.00	19.26 -0.97 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.38 -0.85 0.00	19.94 -0.62 0.00	19.28 -0.66 0.00	18.86 -1.01 0.00	19.59 -0.90 0.00	21.26 -0.54 0.00	22.47 -0.48 0.00	23.73 -0.68 0.00	25.12 -0.46 0.00	26.44 -0.57 0.00	26.13 -0.92 0.00	32.14 -1.13 0.00	37.39 -2.25 0.53	39.94 -1.99 0.34	35.73 -2.49 0.73	35.48 -2.43 0.61	31.39 -1.10 0.00	27.37 -1.02 0.00	24.77 -0.84 0.00
LOCKPORT___CC2 323770	22.55 -0.67 0.00	20.90 -1.12 0.00	19.26 -0.97 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.38 -0.85 0.00	19.94 -0.62 0.00	19.28 -0.66 0.00	18.86 -1.01 0.00	19.59 -0.90 0.00	21.26 -0.54 0.00	22.47 -0.48 0.00	23.73 -0.68 0.00	25.12 -0.46 0.00	26.44 -0.57 0.00	26.13 -0.92 0.00	32.14 -1.13 0.00	37.39 -2.25 0.53	39.94 -1.99 0.34	35.73 -2.49 0.73	35.48 -2.43 0.61	31.39 -1.10 0.00	27.37 -1.02 0.00	24.77 -0.84 0.00
LOCKPORT___CC3 323771	22.55 -0.67 0.00	20.90 -1.12 0.00	19.26 -0.97 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.38 -0.85 0.00	19.94 -0.62 0.00	19.28 -0.66 0.00	18.86 -1.01 0.00	19.59 -0.90 0.00	21.26 -0.54 0.00	22.47 -0.48 0.00	23.73 -0.68 0.00	25.12 -0.46 0.00	26.44 -0.57 0.00	26.13 -0.92 0.00	32.14 -1.13 0.00	37.39 -2.25 0.53	39.94 -1.99 0.34	35.73 -2.49 0.73	35.48 -2.43 0.61	31.39 -1.10 0.00	27.37 -1.02 0.00	24.77 -0.84 0.00
LONG_LAKE_PHOENIX 24014	22.95 -0.28 0.00	21.73 -0.29 0.00	19.95 -0.28 0.00	19.03 -0.29 0.00	18.79 -0.29 0.00	18.94 -0.29 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.53 -0.34 0.00	20.19 -0.31 0.00	21.50 -0.31 0.00	22.61 -0.34 0.00	23.90 -0.51 0.00	25.04 -0.54 0.00	26.36 -0.65 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	39.94 -0.64 -0.42	41.89 -0.63 -0.26	38.95 -0.58 -0.58	38.41 -0.58 -0.48	32.04 -0.45 0.00	28.00 -0.40 0.00	25.13 -0.49 0.00
LOVETT___3 23632	24.20 0.98 0.00	22.97 0.95 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.84 0.76 0.00	20.02 0.79 0.00	21.34 0.78 0.00	20.70 0.76 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.81 1.00 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.14 1.56 0.00	28.82 1.81 0.00	29.14 2.08 0.00	35.63 2.36 0.00	42.97 2.81 0.00	44.93 2.66 0.00	41.41 2.45 0.00	40.90 2.39 0.00	34.38 1.88 0.00	30.10 1.70 0.00	26.82 1.20 0.00
LOVETT___4 23642	24.20 0.98 0.00	22.97 0.95 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.84 0.76 0.00	20.02 0.79 0.00	21.34 0.78 0.00	20.70 0.76 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.81 1.00 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.14 1.56 0.00	28.82 1.81 0.00	29.14 2.08 0.00	35.63 2.36 0.00	42.97 2.81 0.00	44.93 2.66 0.00	41.41 2.45 0.00	40.90 2.39 0.00	34.38 1.88 0.00	30.10 1.70 0.00	26.82 1.20 0.00
LOVETT___5 23593	24.20 0.98 0.00	22.97 0.95 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.84 0.76 0.00	20.02 0.79 0.00	21.34 0.78 0.00	20.70 0.76 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.81 1.00 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.14 1.56 0.00	28.82 1.81 0.00	29.14 2.08 0.00	35.63 2.36 0.00	42.97 2.81 0.00	44.93 2.66 0.00	41.41 2.45 0.00	40.90 2.39 0.00	34.38 1.88 0.00	30.10 1.70 0.00	26.82 1.20 0.00
LOWER RAQUET___HYD 24057	22.44 -0.79 0.00	21.32 -0.71 0.00	19.54 -0.69 0.00	18.68 -0.64 0.00	18.77 -0.31 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.57 -0.30 0.00	20.31 -0.18 0.00	21.59 -0.22 0.00	22.75 -0.21 0.00	24.16 -0.24 0.00	25.35 -0.23 0.00	26.44 -0.57 0.00	26.46 -0.60 0.00	32.64 -0.63 0.00	39.48 -0.68 0.00	41.84 -0.42 0.00	38.57 -0.39 0.00	38.17 -0.35 0.00	32.17 -0.32 0.00	28.08 -0.31 0.00	25.59 -0.03 0.00
LOWER___HUDSON 24059	24.22 1.00 0.00	23.01 0.99 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.06 0.83 0.00	21.38 0.82 0.00	20.72 0.78 0.00	20.72 0.85 0.00	21.23 0.74 0.00	22.48 0.68 0.00	23.69 0.73 0.00	25.36 0.95 0.00	26.50 0.92 0.00	28.34 1.32 0.00	28.41 1.35 0.00	34.97 1.70 0.00	42.05 1.89 0.00	44.21 1.95 0.00	40.90 1.95 0.00	40.48 1.96 0.00	34.02 1.53 0.00	29.73 1.33 0.00	26.62 1.00 0.00
LOWVILLE_115KV_TB2 356335	22.88 -0.35 0.00	21.62 -0.40 0.00	19.83 -0.40 0.00	18.90 -0.43 0.00	18.73 -0.34 0.00	18.88 -0.35 0.00	20.23 -0.33 0.00	19.60 -0.34 0.00	19.45 -0.42 0.00	20.31 -0.18 0.00	21.56 -0.24 0.00	22.63 -0.32 0.00	24.04 -0.37 0.00	25.27 -0.31 0.00	26.69 -0.32 0.00	26.73 -0.32 0.00	33.07 -0.20 0.00	40.08 -0.08 0.00	42.48 0.21 0.00	39.34 0.39 0.00	38.86 0.35 0.00	32.78 0.29 0.00	28.59 0.20 0.00	25.69 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.78 1.56 0.00	23.54 1.52 0.00	21.63 1.40 0.00	20.63 1.31 0.00	20.28 1.20 0.00	20.42 1.19 0.00	21.79 1.23 0.00	21.02 1.08 0.00	21.06 1.19 0.00	21.56 1.07 0.00	22.85 1.05 0.00	24.08 1.12 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.69 1.67 0.00	29.03 1.97 0.00	35.77 2.50 0.00	42.93 2.77 0.00	45.27 3.00 0.00	41.84 2.88 0.00	41.48 2.97 0.00	34.93 2.44 0.00	30.55 2.16 0.00	27.31 1.69 0.00

LUTHERNY_35_KV_BK2 355980	24.78 1.56 0.00	23.56 1.54 0.00	21.63 1.40 0.00	20.65 1.33 0.00	20.30 1.22 0.00	20.44 1.21 0.00	21.79 1.23 0.00	21.04 1.10 0.00	21.06 1.19 0.00	21.58 1.09 0.00	22.85 1.05 0.00	24.08 1.12 0.00	25.80 1.39 0.00	27.01 1.43 0.00	28.71 1.70 0.00	29.06 2.00 0.00	35.77 2.50 0.00	42.93 2.77 0.00	45.27 3.00 0.00	41.88 2.92 0.00	41.52 3.00 0.00	34.96 2.47 0.00	30.55 2.16 0.00	27.33 1.72 0.00
LWR___OSWEGATCHIE_HYD 23850	22.37 -0.86 0.00	21.18 -0.84 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.96 -0.60 0.00	19.34 -0.60 0.00	19.25 -0.62 0.00	20.02 -0.47 0.00	21.28 -0.52 0.00	22.38 -0.57 0.00	23.77 -0.63 0.00	24.96 -0.61 0.00	26.39 -0.62 0.00	26.27 -0.78 0.00	32.44 -0.83 0.00	39.28 -0.88 0.00	41.63 -0.63 0.00	38.53 -0.43 0.00	38.05 -0.46 0.00	32.07 -0.42 0.00	27.97 -0.43 0.00	25.31 -0.31 0.00
LYONS_FALL_HYD 23570	23.18 -0.05 0.00	21.93 -0.09 0.00	20.11 -0.12 0.00	19.19 -0.13 0.00	18.98 -0.09 0.00	19.13 -0.10 0.00	20.50 -0.06 0.00	19.88 -0.06 0.00	19.73 -0.14 0.00	20.53 0.04 0.00	21.80 0.00 0.00	22.88 -0.07 0.00	24.34 -0.07 0.00	25.58 0.00 0.00	27.04 0.03 0.00	27.08 0.03 0.00	33.47 0.20 0.00	40.52 0.36 0.00	42.81 0.55 0.00	39.62 0.66 0.00	39.13 0.61 0.00	33.04 0.55 0.00	28.82 0.43 0.00	25.87 0.26 0.00
MADISON___COUNTY_LFGE 323628	23.78 0.56 0.00	22.48 0.46 0.00	20.62 0.38 0.00	19.65 0.33 0.00	19.40 0.32 0.00	19.56 0.33 0.00	20.97 0.41 0.00	20.34 0.40 0.00	20.17 0.30 0.00	20.86 0.37 0.00	22.17 0.37 0.00	23.32 0.37 0.00	24.80 0.39 0.00	26.06 0.49 0.00	27.44 0.43 0.00	27.62 0.57 0.00	34.14 0.87 0.00	41.13 1.08 0.12	43.41 1.23 0.08	40.00 1.21 0.17	39.53 1.16 0.14	33.53 1.04 0.00	29.24 0.85 0.00	26.23 0.61 0.00
MALONE___115KV_TB1 356076	22.83 -0.39 0.00	21.69 -0.33 0.00	19.89 -0.34 0.00	19.01 -0.31 0.00	18.92 -0.15 0.00	19.11 -0.12 0.00	20.41 -0.14 0.00	19.84 -0.10 0.00	19.85 -0.02 0.00	20.53 0.04 0.00	21.85 0.04 0.00	23.04 0.09 0.00	24.43 0.02 0.00	25.60 0.03 0.00	27.09 0.08 0.00	26.81 -0.24 0.00	33.10 -0.17 0.00	40.08 -0.08 0.00	42.77 0.51 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.56 0.06 0.00	28.48 0.09 0.00	25.93 0.31 0.00
MAPLEWOD_115KV_TB3 80458	23.97 0.74 0.00	22.77 0.75 0.00	21.04 0.81 0.00	20.11 0.79 0.00	19.84 0.76 0.00	19.96 0.73 0.00	21.26 0.70 0.00	20.60 0.66 0.00	20.60 0.74 0.00	21.09 0.59 0.00	22.33 0.52 0.00	23.53 0.57 0.00	25.17 0.76 0.00	26.29 0.72 0.00	27.93 0.92 0.00	28.19 1.14 0.00	34.67 1.40 0.00	41.69 1.53 0.00	43.83 1.56 0.00	40.51 1.56 0.00	40.09 1.58 0.00	33.73 1.23 0.00	29.47 1.08 0.00	26.36 0.74 0.00
MAPLE_RIDGE_WT_1 323574	22.78 -0.44 0.00	21.62 -0.40 0.00	19.87 -0.36 0.00	18.99 -0.33 0.00	18.79 -0.29 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.64 -0.30 0.00	19.63 -0.24 0.00	20.31 -0.18 0.00	21.61 -0.20 0.00	22.75 -0.21 0.00	24.19 -0.22 0.00	25.35 -0.23 0.00	26.58 -0.43 0.00	26.62 -0.43 0.00	32.77 -0.50 0.00	39.60 -0.56 0.00	41.76 -0.51 0.00	38.45 -0.51 0.00	38.05 -0.46 0.00	32.07 -0.42 0.00	28.02 -0.37 0.00	25.41 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	22.78 -0.44 0.00	21.62 -0.40 0.00	19.87 -0.36 0.00	18.99 -0.33 0.00	18.79 -0.29 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.64 -0.30 0.00	19.63 -0.24 0.00	20.31 -0.18 0.00	21.61 -0.20 0.00	22.75 -0.21 0.00	24.19 -0.22 0.00	25.35 -0.23 0.00	26.58 -0.43 0.00	26.62 -0.43 0.00	32.77 -0.50 0.00	39.60 -0.56 0.00	41.76 -0.51 0.00	38.45 -0.51 0.00	38.05 -0.46 0.00	32.07 -0.42 0.00	28.02 -0.37 0.00	25.41 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	22.88 -0.35 0.00	21.73 -0.29 0.00	19.95 -0.28 0.00	19.07 -0.25 0.00	18.90 -0.17 0.00	19.10 -0.13 0.00	20.42 -0.14 0.00	19.86 -0.08 0.00	19.89 0.02 0.00	20.43 -0.06 0.00	21.76 -0.04 0.00	22.95 0.00 0.00	24.36 -0.05 0.00	25.50 -0.08 0.00	26.63 -0.38 0.00	26.70 -0.35 0.00	33.00 -0.27 0.00	39.92 -0.24 0.00	42.81 0.55 0.00	39.30 0.35 0.00	38.82 0.31 0.00	32.62 0.13 0.00	28.48 0.09 0.00	25.95 0.33 0.00
MARSHVLE_115KV_TB1 80742	24.99 1.77 0.00	23.69 1.67 0.00	21.69 1.46 0.00	20.69 1.37 0.00	20.41 1.34 0.00	20.58 1.35 0.00	21.96 1.40 0.00	21.02 1.08 0.00	20.72 0.85 0.00	21.19 0.70 0.00	22.44 0.63 0.00	23.60 0.64 0.00	25.26 0.85 0.00	26.50 0.92 0.00	28.09 1.08 0.00	28.62 1.57 0.00	35.30 2.03 0.00	43.22 3.05 0.00	45.86 3.59 0.00	42.15 3.19 0.00	42.02 3.50 0.00	35.58 3.09 0.00	30.92 2.53 0.00	27.64 2.02 0.00
MARSH_HILL_WT_PWR 323713	24.22 1.00 0.00	22.68 0.66 0.00	20.80 0.57 0.00	19.86 0.54 0.00	19.57 0.50 0.00	19.79 0.56 0.00	21.30 0.74 0.00	20.60 0.66 0.00	20.15 0.28 0.00	20.96 0.47 0.00	22.52 0.72 0.00	23.85 0.89 0.00	25.36 0.95 0.00	26.75 1.18 0.00	28.28 1.27 0.00	28.24 1.19 0.00	34.87 1.60 0.00	41.60 1.77 0.33	44.17 2.11 0.21	39.63 1.13 0.45	39.18 1.04 0.38	34.34 1.85 0.00	30.13 1.73 0.00	26.95 1.33 0.00
MCINTYRE_115KV_TB2 80467	23.06 -0.16 0.00	21.87 -0.15 0.00	20.05 -0.18 0.00	19.17 -0.15 0.00	19.11 0.04 0.00	19.29 0.06 0.00	20.60 0.04 0.00	19.94 0.00 0.00	19.83 -0.04 0.00	20.53 0.04 0.00	21.78 -0.02 0.00	22.93 -0.02 0.00	24.36 -0.05 0.00	25.55 -0.03 0.00	27.04 0.03 0.00	26.70 -0.35 0.00	32.94 -0.33 0.00	39.88 -0.28 0.00	42.35 0.08 0.00	39.15 0.19 0.00	38.78 0.27 0.00	32.62 0.13 0.00	28.51 0.11 0.00	26.03 0.41 0.00
MECO_____69_KV_BK1 80468	25.25 2.02 0.00	23.98 1.96 0.00	21.95 1.72 0.00	20.96 1.64 0.00	20.66 1.58 0.00	20.81 1.58 0.00	22.22 1.67 0.00	21.34 1.40 0.00	21.20 1.33 0.00	21.64 1.15 0.00	22.87 1.07 0.00	24.08 1.12 0.00	25.78 1.37 0.00	27.01 1.43 0.00	28.69 1.67 0.00	29.19 2.14 0.00	36.07 2.79 0.00	43.74 3.57 0.00	46.41 4.14 0.00	42.69 3.74 0.00	42.52 4.01 0.00	35.97 3.48 0.00	31.26 2.87 0.00	27.95 2.33 0.00
MENANDS___115KV_TB5 355628	23.83 0.60 0.00	22.64 0.62 0.00	20.96 0.73 0.00	20.06 0.73 0.00	19.76 0.69 0.00	19.88 0.65 0.00	21.18 0.62 0.00	20.52 0.58 0.00	20.52 0.66 0.00	20.99 0.49 0.00	22.22 0.41 0.00	23.41 0.46 0.00	25.04 0.63 0.00	26.16 0.59 0.00	27.80 0.78 0.00	28.03 0.97 0.00	34.47 1.20 0.00	41.45 1.29 0.00	43.53 1.27 0.00	40.28 1.32 0.00	39.86 1.35 0.00	33.50 1.01 0.00	29.27 0.88 0.00	26.21 0.59 0.00
MG INDUSTRY___DRP 24185	23.85 0.63 0.00	22.66 0.64 0.00	20.94 0.71 0.00	20.04 0.71 0.00	19.76 0.69 0.00	19.88 0.65 0.00	21.20 0.64 0.00	20.50 0.56 0.00	20.46 0.60 0.00	20.88 0.39 0.00	22.09 0.28 0.00	23.25 0.30 0.00	24.85 0.44 0.00	25.99 0.41 0.00	27.58 0.57 0.00	27.84 0.78 0.00	34.27 1.00 0.00	41.25 1.08 0.00	43.49 1.23 0.00	40.20 1.25 0.00	39.82 1.31 0.00	33.53 1.04 0.00	29.27 0.88 0.00	26.26 0.64 0.00

MID___OSWEGATCHIE_HYD 23849	22.37 -0.86 0.00	21.18 -0.84 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.96 -0.60 0.00	19.34 -0.60 0.00	19.25 -0.62 0.00	20.02 -0.47 0.00	21.28 -0.52 0.00	22.38 -0.57 0.00	23.77 -0.63 0.00	24.96 -0.61 0.00	26.39 -0.62 0.00	26.27 -0.78 0.00	32.44 -0.83 0.00	39.28 -0.88 0.00	41.63 -0.63 0.00	38.53 -0.43 0.00	38.05 -0.46 0.00	32.07 -0.42 0.00	27.97 -0.43 0.00	25.31 -0.31 0.00
MID___RAQUETTE_HYD 23851	22.46 -0.77 0.00	21.32 -0.70 0.00	19.54 -0.69 0.00	18.68 -0.64 0.00	18.77 -0.31 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.57 -0.30 0.00	20.31 -0.18 0.00	21.59 -0.22 0.00	22.75 -0.21 0.00	24.16 -0.24 0.00	25.35 -0.23 0.00	26.80 -0.22 0.00	26.49 -0.57 0.00	32.64 -0.63 0.00	39.48 -0.68 0.00	41.84 -0.42 0.00	38.57 -0.39 0.00	38.21 -0.31 0.00	32.13 -0.36 0.00	28.08 -0.31 0.00	25.59 -0.03 0.00
MILLIKEN___1 23584	23.69 0.46 0.00	22.40 0.37 0.00	20.51 0.28 0.00	19.57 0.25 0.00	19.30 0.23 0.00	19.48 0.25 0.00	20.91 0.35 0.00	20.28 0.34 0.00	20.05 0.18 0.00	20.72 0.23 0.00	22.04 0.24 0.00	23.23 0.28 0.00	24.65 0.24 0.00	25.88 0.31 0.00	27.20 0.19 0.00	27.49 0.43 0.00	33.94 0.67 0.00	40.89 0.84 0.12	43.20 1.01 0.08	39.65 0.86 0.17	39.22 0.85 0.14	33.37 0.88 0.00	29.10 0.71 0.00	26.10 0.49 0.00
MILLIKEN___2 23585	23.69 0.46 0.00	22.40 0.37 0.00	20.51 0.28 0.00	19.57 0.25 0.00	19.30 0.23 0.00	19.48 0.25 0.00	20.91 0.35 0.00	20.28 0.34 0.00	20.05 0.18 0.00	20.72 0.23 0.00	22.04 0.24 0.00	23.23 0.28 0.00	24.65 0.24 0.00	25.88 0.31 0.00	27.20 0.19 0.00	27.49 0.43 0.00	33.94 0.67 0.00	40.89 0.84 0.12	43.20 1.01 0.08	39.65 0.86 0.17	39.22 0.85 0.14	33.37 0.88 0.00	29.10 0.71 0.00	26.10 0.49 0.00
MILLIKEN___DIESEL 23629	23.69 0.46 0.00	22.40 0.37 0.00	20.51 0.28 0.00	19.57 0.25 0.00	19.30 0.23 0.00	19.48 0.25 0.00	20.91 0.35 0.00	20.28 0.34 0.00	20.05 0.18 0.00	20.72 0.23 0.00	22.04 0.24 0.00	23.23 0.28 0.00	24.65 0.24 0.00	25.88 0.31 0.00	27.20 0.19 0.00	27.49 0.43 0.00	33.94 0.67 0.00	40.89 0.84 0.12	43.20 1.01 0.08	39.65 0.86 0.17	39.22 0.85 0.14	33.37 0.88 0.00	29.10 0.71 0.00	26.10 0.49 0.00
MILLSEAT___LFGE 323607	22.92 -0.30 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.68 -0.64 0.00	18.43 -0.65 0.00	18.65 -0.58 0.00	20.19 -0.37 0.00	19.54 -0.40 0.00	19.13 -0.73 0.00	19.86 -0.64 0.00	21.52 -0.28 0.00	22.75 -0.21 0.00	24.02 -0.39 0.00	25.45 -0.13 0.00	26.82 -0.19 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	38.22 -1.41 0.54	40.82 -1.10 0.34	36.69 -1.52 0.75	36.43 -1.46 0.62	32.17 -0.32 0.00	28.00 -0.40 0.00	25.26 -0.36 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.30 1.07 0.00	23.06 1.03 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.92 0.84 0.00	20.10 0.87 0.00	21.40 0.84 0.00	20.78 0.84 0.00	20.84 0.97 0.00	21.50 1.00 0.00	22.89 1.09 0.00	24.15 1.19 0.00	25.97 1.56 0.00	27.21 1.64 0.00	28.93 1.92 0.00	29.22 2.16 0.00	35.73 2.46 0.00	43.09 2.93 0.00	45.10 2.83 0.00	41.53 2.57 0.00	41.06 2.54 0.00	34.51 2.01 0.00	30.18 1.79 0.00	26.90 1.28 0.00
MILLWOOD_13_KV_LOAD 356217	24.39 1.16 0.00	23.14 1.12 0.00	21.20 0.97 0.00	20.23 0.91 0.00	19.97 0.90 0.00	20.15 0.92 0.00	21.46 0.90 0.00	20.84 0.90 0.00	20.92 1.05 0.00	21.58 1.09 0.00	22.96 1.16 0.00	24.24 1.29 0.00	26.04 1.64 0.00	27.32 1.74 0.00	29.04 2.03 0.00	29.35 2.30 0.00	35.90 2.63 0.00	43.30 3.13 0.00	45.31 3.04 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.67 2.18 0.00	30.30 1.90 0.00	27.00 1.38 0.00
MODEL_CITY_ENERGY 24167	22.34 -0.88 0.00	20.70 -1.32 0.00	19.08 -1.15 0.00	18.22 -1.10 0.00	17.97 -1.11 0.00	18.21 -1.02 0.00	19.76 -0.80 0.00	19.11 -0.84 0.00	18.68 -1.19 0.00	19.41 -1.09 0.00	21.06 -0.74 0.00	22.26 -0.69 0.00	23.48 -0.93 0.00	24.86 -0.72 0.00	26.17 -0.84 0.00	25.86 -1.19 0.00	31.81 -1.46 0.00	36.98 -2.65 0.53	39.48 -2.45 0.33	35.38 -2.84 0.73	35.14 -2.77 0.61	31.03 -1.46 0.00	27.09 -1.31 0.00	24.52 -1.10 0.00
MODERN_LFGE___ 323580	22.34 -0.88 0.00	20.70 -1.32 0.00	19.08 -1.15 0.00	18.22 -1.10 0.00	17.97 -1.11 0.00	18.21 -1.02 0.00	19.76 -0.80 0.00	19.11 -0.84 0.00	18.68 -1.19 0.00	19.41 -1.09 0.00	21.06 -0.74 0.00	22.26 -0.69 0.00	23.48 -0.93 0.00	24.86 -0.72 0.00	26.17 -0.84 0.00	25.86 -1.19 0.00	31.81 -1.46 0.00	36.98 -2.65 0.53	39.48 -2.45 0.33	35.38 -2.84 0.73	35.14 -2.77 0.61	31.03 -1.46 0.00	27.09 -1.31 0.00	24.52 -1.10 0.00
MOHAWK_PAPER___DRP 24187	23.97 0.74 0.00	22.77 0.75 0.00	21.04 0.81 0.00	20.11 0.79 0.00	19.84 0.76 0.00	19.96 0.73 0.00	21.26 0.70 0.00	20.60 0.66 0.00	20.60 0.74 0.00	21.09 0.59 0.00	22.33 0.52 0.00	23.53 0.57 0.00	25.17 0.76 0.00	26.29 0.72 0.00	27.93 0.92 0.00	28.19 1.14 0.00	34.67 1.40 0.00	41.69 1.53 0.00	43.83 1.56 0.00	40.51 1.56 0.00	40.09 1.58 0.00	33.73 1.23 0.00	29.47 1.08 0.00	26.36 0.74 0.00
MOHICAN___35_KV_115KV_LD 80490	25.08 1.86 0.00	23.83 1.81 0.00	21.85 1.62 0.00	20.85 1.53 0.00	20.41 1.34 0.00	20.56 1.33 0.00	21.94 1.38 0.00	21.10 1.16 0.00	21.16 1.29 0.00	21.66 1.17 0.00	22.94 1.13 0.00	24.17 1.22 0.00	25.90 1.49 0.00	27.11 1.53 0.00	28.88 1.86 0.00	29.27 2.22 0.00	36.07 2.79 0.00	43.26 3.09 0.00	45.69 3.42 0.00	42.27 3.31 0.00	41.94 3.43 0.00	35.35 2.86 0.00	30.95 2.56 0.00	27.67 2.05 0.00
MONGAUP___HYD 23641	24.20 0.98 0.00	22.95 0.92 0.00	21.04 0.81 0.00	20.11 0.79 0.00	19.84 0.76 0.00	19.98 0.75 0.00	21.30 0.74 0.00	20.64 0.70 0.00	20.62 0.75 0.00	21.23 0.74 0.00	22.55 0.74 0.00	23.73 0.78 0.00	25.53 1.12 0.00	26.78 1.20 0.00	28.66 1.65 0.00	28.79 1.73 0.00	35.30 2.03 0.00	42.69 2.53 0.00	44.84 2.58 0.00	41.41 2.46 0.00	40.90 2.39 0.00	34.41 1.92 0.00	30.07 1.67 0.00	26.87 1.25 0.00
MONTAUK___DIESEL 23721	29.62 2.25 -4.14	25.96 2.22 -1.72	24.45 2.06 -2.15	22.78 2.07 -1.40	21.26 2.08 -0.10	21.67 2.12 -0.33	22.74 2.18 0.00	21.64 1.70 0.00	22.05 2.19 0.00	22.87 2.38 0.00	32.31 2.66 -7.85	34.12 2.98 -8.18	36.72 3.56 -8.75	41.28 3.99 -11.71	41.71 4.43 -10.27	45.31 4.65 -13.60	64.97 5.42 -26.28	57.12 6.39 -10.57	48.69 6.42 0.00	47.49 5.73 -2.81	44.33 5.43 -0.39	38.50 4.22 -1.78	34.21 3.55 -2.27	32.15 2.72 -3.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.39 0.16 0.00	21.69 -0.33 0.00	19.97 -0.26 0.00	19.07 -0.25 0.00	18.79 -0.29 0.00	19.02 -0.21 0.00	20.64 0.08 0.00	19.96 0.02 0.00	19.57 -0.30 0.00	20.37 -0.12 0.00	22.15 0.35 0.00	23.50 0.55 0.00	24.90 0.49 0.00	26.37 0.79 0.00	26.90 -0.11 0.00	27.43 0.38 0.00	33.84 0.57 0.00	39.62 -0.08 0.47	42.10 0.13 0.30	37.30 -1.01 0.64	36.90 -1.08 0.53	32.85 0.36 0.00	28.51 0.11 0.00	25.82 0.20 0.00

MORRIS_RIDGE___SOLAR 323848	23.02 -0.21 0.00	21.47 -0.55 0.00	19.75 -0.49 0.00	18.86 -0.46 0.00	18.58 -0.50 0.00	18.79 -0.44 0.00	20.33 -0.23 0.00	19.68 -0.26 0.00	19.31 -0.56 0.00	20.04 -0.45 0.00	21.61 -0.20 0.00	22.86 -0.09 0.00	24.21 -0.20 0.00	25.55 -0.03 0.00	26.28 -0.73 0.00	26.76 -0.30 0.00	33.00 -0.27 0.00	38.88 -0.88 0.40	41.29 -0.72 0.26	37.07 -1.32 0.56	36.70 -1.35 0.46	32.23 -0.26 0.00	28.00 -0.40 0.00	25.34 -0.28 0.00
MORTIMER_115KV_TB3 55949	22.92 -0.30 0.00	21.45 -0.57 0.00	19.72 -0.51 0.00	18.82 -0.50 0.00	18.58 -0.50 0.00	18.73 -0.50 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.33 -0.54 0.00	20.06 -0.43 0.00	21.59 -0.22 0.00	22.79 -0.16 0.00	24.07 -0.34 0.00	25.37 -0.20 0.00	26.23 -0.78 0.00	26.65 -0.41 0.00	32.91 -0.37 0.00	38.70 -0.88 0.58	41.14 -0.76 0.37	37.34 -0.82 0.80	37.08 -0.77 0.66	32.26 -0.23 0.00	27.97 -0.43 0.00	25.23 -0.38 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.49 2.43 0.00	36.03 2.76 0.00	43.42 3.25 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00
MUNSVILLE_WIND_PWR 323609	25.04 1.81 0.00	23.56 1.54 0.00	21.53 1.30 0.00	20.52 1.20 0.00	20.24 1.16 0.00	20.44 1.21 0.00	22.06 1.50 0.00	21.38 1.44 0.00	21.00 1.13 0.00	21.70 1.21 0.00	23.00 1.20 0.00	24.15 1.19 0.00	25.75 1.34 0.00	27.21 1.64 0.00	28.82 1.81 0.00	28.92 1.87 0.00	35.93 2.66 0.00	43.29 3.25 0.13	45.99 3.81 0.08	42.32 3.54 0.17	41.76 3.39 0.14	35.58 3.09 0.00	31.03 2.64 0.00	27.72 2.10 0.00
N SALMON___HYD 24042	22.81 -0.42 0.00	21.69 -0.33 0.00	19.89 -0.34 0.00	19.01 -0.31 0.00	18.92 -0.15 0.00	19.12 -0.11 0.00	20.42 -0.14 0.00	19.84 -0.10 0.00	19.85 -0.02 0.00	20.53 0.04 0.00	21.85 0.04 0.00	23.04 0.09 0.00	24.43 0.02 0.00	25.60 0.03 0.00	26.74 -0.27 0.00	26.78 -0.27 0.00	33.11 -0.17 0.00	40.08 -0.08 0.00	42.77 0.51 0.00	39.26 0.31 0.00	38.82 0.31 0.00	32.62 0.13 0.00	28.48 0.09 0.00	25.93 0.31 0.00
N.AKRON__115KV_KNAPP 355671	22.92 -0.30 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.70 -0.62 0.00	18.45 -0.63 0.00	18.63 -0.60 0.00	20.21 -0.35 0.00	19.56 -0.38 0.00	19.15 -0.72 0.00	19.88 -0.61 0.00	21.54 -0.26 0.00	22.77 -0.18 0.00	24.04 -0.37 0.00	25.42 -0.15 0.00	25.96 -1.05 0.00	26.51 -0.54 0.00	32.74 -0.53 0.00	38.22 -1.41 0.54	40.83 -1.10 0.34	36.65 -1.56 0.74	36.43 -1.46 0.62	32.13 -0.36 0.00	27.77 -0.62 0.00	25.21 -0.41 0.00
N.BELMOR_69_KV_BK1 55787	28.97 1.60 -4.14	25.28 1.54 -1.72	23.74 1.36 -2.15	22.01 1.29 -1.40	20.44 1.26 -0.10	20.85 1.29 -0.33	21.81 1.25 0.00	21.06 1.12 0.00	21.28 1.41 0.00	21.99 1.50 0.00	31.29 1.64 -7.85	32.92 1.79 -8.18	35.38 2.22 -8.75	39.59 2.30 -11.71	39.82 2.54 -10.27	43.47 2.81 -13.60	62.84 3.29 -26.28	54.63 3.90 -10.57	46.07 3.80 0.00	45.23 3.47 -2.81	42.29 3.39 -0.39	37.13 2.86 -1.78	33.16 2.50 -2.27	31.33 1.90 -3.81
N.E_GEN_SANDY PD 24062	24.13 0.90 0.00	22.92 0.90 0.00	21.10 0.87 0.00	20.15 0.83 0.00	20.00 0.82 -0.10	20.00 0.77 0.00	21.32 0.76 0.00	20.70 0.76 0.00	20.70 0.83 0.00	21.25 0.76 0.00	22.52 0.72 0.00	23.73 0.78 0.00	25.46 1.05 0.00	26.60 1.02 0.00	28.44 1.43 0.00	28.49 1.43 0.00	35.00 1.73 0.00	42.25 2.09 0.00	44.29 2.03 0.00	40.98 2.02 0.00	40.52 2.00 0.00	33.99 1.50 0.00	29.70 1.31 0.00	26.54 0.92 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.25 1.02 0.00	22.99 0.97 0.00	21.10 0.87 0.00	20.15 0.83 0.00	19.88 0.80 0.00	20.06 0.83 0.00	21.36 0.80 0.00	20.74 0.80 0.00	20.80 0.93 0.00	21.46 0.96 0.00	22.83 1.02 0.00	24.08 1.12 0.00	25.95 1.54 0.00	27.19 1.61 0.00	28.90 1.89 0.00	29.19 2.14 0.00	35.70 2.43 0.00	43.09 2.93 0.00	45.05 2.79 0.00	41.49 2.53 0.00	40.98 2.46 0.00	34.44 1.95 0.00	30.15 1.76 0.00	26.87 1.26 0.00
N.QUEENS_27_KV_LOAD 356247	24.60 1.37 0.00	23.32 1.30 0.00	21.40 1.17 0.00	20.40 1.08 0.00	20.13 1.05 0.00	20.27 1.04 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.42 1.47 0.00	26.31 1.90 0.00	27.57 1.99 0.00	29.39 2.38 0.00	29.71 2.65 0.00	36.13 2.86 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.55 2.16 0.00	27.26 1.64 0.00
N.TROY___115KV_TB1 355778	24.23 1.00 0.00	23.01 0.99 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.08 0.85 0.00	21.38 0.82 0.00	20.72 0.78 0.00	20.72 0.85 0.00	21.23 0.74 0.00	22.48 0.68 0.00	23.69 0.73 0.00	25.36 0.95 0.00	26.52 0.95 0.00	28.15 1.13 0.00	28.41 1.35 0.00	34.97 1.70 0.00	42.05 1.89 0.00	44.21 1.94 0.00	40.90 1.95 0.00	40.48 1.96 0.00	34.02 1.53 0.00	29.76 1.36 0.00	26.62 1.00 0.00
NARROWS_GT1_1 24228	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT1_2 24229	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT1_3 24230	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT1_4 24231	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00

NARROWS_GT1_5 24232	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT1_6 24233	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT1_7 24234	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT1_8 24235	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_1 24236	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_2 24237	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_3 24238	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_4 24239	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_5 24240	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_6 24241	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_7 24242	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NARROWS_GT2_8 24243	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.60 3.08 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.18 0.95 0.00	22.97 0.95 0.00	21.26 1.03 0.00	20.36 1.04 0.00	20.07 0.99 0.00	20.15 0.92 0.00	21.46 0.90 0.00	20.72 0.78 0.00	20.68 0.81 0.00	21.01 0.51 0.00	22.13 0.33 0.00	23.25 0.30 0.00	24.90 0.49 0.00	26.04 0.46 0.00	27.74 0.73 0.00	28.08 1.03 0.00	34.60 1.33 0.00	41.77 1.61 0.00	44.21 1.94 0.00	40.98 2.03 0.00	40.59 2.08 0.00	34.15 1.66 0.00	29.76 1.36 0.00	26.64 1.02 0.00
NCHELSEA_115KV_TR2 355582	24.39 1.16 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.99 0.92 0.00	20.15 0.92 0.00	21.46 0.90 0.00	20.82 0.88 0.00	20.88 1.01 0.00	21.50 1.00 0.00	22.83 1.02 0.00	24.05 1.10 0.00	25.92 1.51 0.00	27.16 1.59 0.00	28.93 1.92 0.00	29.25 2.19 0.00	35.80 2.53 0.00	43.22 3.05 0.00	45.31 3.04 0.00	41.76 2.80 0.00	41.25 2.73 0.00	34.64 2.14 0.00	30.30 1.90 0.00	27.00 1.38 0.00
NEG CAPITAL___MECHNVIL 23645	24.71 1.49 0.00	23.47 1.45 0.00	21.57 1.33 0.00	20.60 1.27 0.00	20.26 1.18 0.00	20.38 1.15 0.00	21.75 1.19 0.00	21.00 1.06 0.00	21.02 1.15 0.00	21.54 1.04 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.77 1.37 0.00	26.96 1.38 0.00	28.85 1.84 0.00	29.00 1.95 0.00	35.70 2.43 0.00	42.90 2.73 0.00	45.18 2.91 0.00	41.80 2.84 0.00	41.44 2.93 0.00	34.83 2.34 0.00	30.44 2.05 0.00	27.23 1.61 0.00



NEG CENTRAL_HIGH_ACRES 23767	22.62 -0.60 0.00	21.23 -0.79 0.00	19.50 -0.73 0.00	18.61 -0.71 0.00	18.37 -0.71 0.00	18.54 -0.69 0.00	19.96 -0.60 0.00	19.36 -0.58 0.00	19.11 -0.75 0.00	19.82 -0.68 0.00	21.28 -0.52 0.00	22.45 -0.51 0.00	23.73 -0.68 0.00	25.01 -0.56 0.00	26.44 -0.57 0.00	26.38 -0.68 0.00	32.51 -0.76 0.00	38.40 -1.25 0.51	40.80 -1.14 0.33	37.07 -1.17 0.71	36.77 -1.15 0.59	31.84 -0.65 0.00	27.77 -0.62 0.00	24.93 -0.69 0.00
NEG CENTRAL___DRP 24199	23.34 0.12 0.00	22.00 -0.02 0.00	20.17 -0.06 0.00	19.24 -0.08 0.00	18.98 -0.10 0.00	19.15 -0.08 0.00	20.60 0.04 0.00	19.98 0.04 0.00	19.73 -0.14 0.00	20.43 -0.06 0.00	21.83 0.02 0.00	23.00 0.05 0.00	24.38 -0.02 0.00	25.63 0.05 0.00	26.80 -0.22 0.00	27.14 0.08 0.00	33.50 0.23 0.00	40.09 0.12 0.20	42.39 0.25 0.13	38.72 0.04 0.27	38.33 0.04 0.23	32.85 0.36 0.00	28.65 0.26 0.00	25.69 0.08 0.00
NEG CENTRAL___INDECK 23768	23.67 0.44 0.00	22.09 0.07 0.00	20.29 0.06 0.00	19.36 0.04 0.00	19.10 0.02 0.00	19.29 0.06 0.00	20.79 0.23 0.00	20.08 0.14 0.00	19.61 -0.26 0.00	20.21 -0.29 0.00	21.67 -0.13 0.00	22.88 -0.07 0.00	24.21 -0.20 0.00	25.52 -0.05 0.00	26.96 -0.05 0.00	26.87 -0.19 0.00	33.14 -0.13 0.00	39.43 -0.28 0.46	42.23 0.26 0.29	38.56 0.24 0.63	38.45 0.46 0.52	33.53 1.04 0.00	29.22 0.82 0.00	26.18 0.56 0.00
NEG CENTRAL___SENECA 23627	23.41 0.19 0.00	22.02 0.00 0.00	20.19 -0.04 0.00	19.26 -0.06 0.00	19.00 -0.08 0.00	19.17 -0.06 0.00	20.66 0.10 0.00	20.02 0.08 0.00	19.73 -0.14 0.00	20.43 -0.06 0.00	21.87 0.07 0.00	23.09 0.14 0.00	24.48 0.07 0.00	25.75 0.18 0.00	26.85 -0.16 0.00	27.27 0.22 0.00	33.67 0.40 0.00	40.01 0.20 0.35	42.42 0.38 0.22	38.55 0.08 0.48	38.19 0.08 0.40	33.04 0.55 0.00	28.79 0.40 0.00	25.82 0.20 0.00
NEG CENTRAL___STATE_STREET 24147	23.37 0.14 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.32 0.00 0.00	19.06 -0.02 0.00	19.23 0.00 0.00	20.64 0.08 0.00	20.04 0.10 0.00	19.83 -0.04 0.00	20.51 0.02 0.00	21.87 0.07 0.00	23.04 0.09 0.00	24.41 0.00 0.00	25.63 0.05 0.00	26.90 -0.11 0.00	27.19 0.14 0.00	33.57 0.30 0.00	40.48 0.32 0.00	42.65 0.38 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.88 0.39 0.00	28.68 0.28 0.00	25.72 0.10 0.00
NEG MILLWOOD___DRP 24198	24.55 1.32 0.00	23.28 1.26 0.00	21.30 1.07 0.00	20.34 1.02 0.00	20.07 0.99 0.00	20.25 1.02 0.00	21.57 1.01 0.00	20.92 0.98 0.00	21.02 1.15 0.00	21.66 1.17 0.00	23.05 1.24 0.00	24.33 1.38 0.00	26.12 1.71 0.00	27.42 1.84 0.00	29.20 2.19 0.00	29.54 2.49 0.00	36.17 2.89 0.00	43.66 3.49 0.00	45.77 3.51 0.00	42.11 3.16 0.00	41.63 3.12 0.00	34.96 2.47 0.00	30.52 2.13 0.00	27.15 1.54 0.00
NEG NORTH_FLCN_SEA 23793	23.32 0.09 0.00	22.15 0.13 0.00	20.31 0.08 0.00	19.42 0.10 0.00	19.25 0.17 0.00	19.46 0.23 0.00	20.78 0.23 0.00	20.22 0.28 0.00	20.25 0.38 0.00	20.62 0.12 0.00	21.96 0.15 0.00	23.16 0.21 0.00	24.55 0.15 0.00	25.70 0.13 0.00	27.23 0.22 0.00	26.97 -0.08 0.00	33.37 0.10 0.00	40.40 0.24 0.00	43.79 1.52 0.00	40.12 1.17 0.00	39.63 1.12 0.00	33.21 0.71 0.00	29.05 0.65 0.00	26.44 0.82 0.00
NEG NORTH_KES_CHATEGAY 23792	22.83 -0.39 0.00	21.67 -0.35 0.00	19.89 -0.34 0.00	19.01 -0.31 0.00	18.85 -0.23 0.00	19.06 -0.17 0.00	20.35 -0.21 0.00	19.78 -0.16 0.00	19.81 -0.06 0.00	20.41 -0.08 0.00	21.72 -0.09 0.00	22.91 -0.05 0.00	24.31 -0.10 0.00	25.45 -0.13 0.00	26.93 -0.08 0.00	26.65 -0.41 0.00	32.91 -0.37 0.00	39.80 -0.36 0.00	42.56 0.30 0.00	39.11 0.16 0.00	38.67 0.15 0.00	32.46 -0.03 0.00	28.36 -0.03 0.00	25.85 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	23.27 0.05 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.38 0.06 0.00	19.21 0.13 0.00	19.40 0.17 0.00	20.72 0.16 0.00	20.16 0.22 0.00	20.19 0.32 0.00	20.66 0.16 0.00	22.00 0.20 0.00	23.20 0.25 0.00	24.60 0.20 0.00	25.75 0.18 0.00	27.26 0.24 0.00	27.03 -0.03 0.00	33.44 0.17 0.00	40.52 0.36 0.00	43.70 1.44 0.00	40.05 1.09 0.00	39.55 1.04 0.00	33.14 0.65 0.00	28.99 0.60 0.00	26.39 0.77 0.00
NEG NORTH___LWR_SARANAC 23913	23.27 0.05 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.38 0.06 0.00	19.21 0.13 0.00	19.40 0.17 0.00	20.72 0.16 0.00	20.16 0.22 0.00	20.19 0.32 0.00	20.66 0.16 0.00	22.00 0.20 0.00	23.20 0.25 0.00	24.60 0.20 0.00	25.75 0.18 0.00	27.26 0.24 0.00	27.03 -0.03 0.00	33.44 0.17 0.00	40.52 0.36 0.00	43.70 1.44 0.00	40.05 1.09 0.00	39.55 1.04 0.00	33.14 0.65 0.00	28.99 0.60 0.00	26.39 0.77 0.00
NEG NORTH___PLATTSBURG 23628	23.25 0.02 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.38 0.06 0.00	19.21 0.13 0.00	19.40 0.17 0.00	20.72 0.16 0.00	20.16 0.22 0.00	20.19 0.32 0.00	20.66 0.16 0.00	22.00 0.20 0.00	23.21 0.25 0.00	24.60 0.19 0.00	25.76 0.18 0.00	26.93 -0.08 0.00	27.00 -0.05 0.00	33.44 0.17 0.00	40.52 0.36 0.00	43.70 1.44 0.00	40.04 1.09 0.00	39.55 1.04 0.00	33.24 0.75 0.00	28.99 0.60 0.00	26.39 0.77 0.00
NEG WEST_LEA_LOCKPORT 23791	22.55 -0.67 0.00	20.90 -1.12 0.00	19.26 -0.97 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.35 -0.88 0.00	19.94 -0.62 0.00	19.28 -0.66 0.00	18.85 -1.01 0.00	19.59 -0.90 0.00	21.26 -0.55 0.00	22.47 -0.48 0.00	23.72 -0.68 0.00	25.09 -0.49 0.00	25.53 -1.49 0.00	26.05 -1.00 0.00	32.14 -1.13 0.00	37.38 -2.25 0.53	39.94 -1.99 0.34	35.77 -2.45 0.73	35.48 -2.43 0.61	31.39 -1.10 0.00	27.14 -1.25 0.00	24.72 -0.90 0.00
NEG WEST___LANCASTR 23811	22.81 -0.42 0.00	21.21 -0.81 0.00	19.54 -0.69 0.00	18.64 -0.68 0.00	18.39 -0.69 0.00	18.61 -0.62 0.00	20.17 -0.39 0.00	19.38 -0.56 0.00	19.01 -0.85 0.00	19.78 -0.72 0.00	21.43 -0.37 0.00	22.72 -0.23 0.00	24.04 -0.37 0.00	25.45 -0.13 0.00	26.01 -1.00 0.00	26.54 -0.51 0.00	32.71 -0.57 0.00	38.29 -1.41 0.47	40.70 -1.27 0.30	35.38 -2.92 0.65	34.97 -3.00 0.54	31.74 -0.75 0.00	27.54 -0.85 0.00	25.16 -0.46 0.00
NEG_PENN_ALLEGHNY 23528	23.46 0.23 0.00	22.15 0.13 0.00	20.31 0.08 0.00	19.40 0.08 0.00	19.13 0.06 0.00	19.31 0.08 0.00	20.72 0.16 0.00	20.10 0.16 0.00	19.91 0.04 0.00	20.60 0.10 0.00	21.98 0.17 0.00	23.18 0.23 0.00	24.68 0.27 0.00	25.91 0.33 0.00	27.47 0.46 0.00	27.49 0.43 0.00	33.84 0.57 0.00	40.58 0.56 0.15	42.76 0.59 0.09	39.02 0.27 0.21	38.57 0.23 0.17	32.98 0.49 0.00	28.85 0.45 0.00	25.87 0.26 0.00
NEG___GEN_MONROE 24207	22.95 -0.28 0.00	21.45 -0.57 0.00	19.72 -0.51 0.00	18.80 -0.52 0.00	18.56 -0.52 0.00	18.75 -0.48 0.00	20.23 -0.33 0.00	19.58 -0.36 0.00	19.25 -0.62 0.00	19.96 -0.53 0.00	21.48 -0.33 0.00	22.65 -0.30 0.00	23.94 -0.46 0.00	25.22 -0.36 0.00	26.04 -0.97 0.00	26.49 -0.57 0.00	32.71 -0.57 0.00	38.50 -1.08 0.57	41.01 -0.89 0.36	37.23 -0.93 0.79	37.01 -0.85 0.66	32.26 -0.23 0.00	27.94 -0.45 0.00	25.23 -0.38 0.00

NEPA___ENERGY 23901	22.90 -0.33 0.00	21.29 -0.73 0.00	19.60 -0.63 0.00	18.72 -0.60 0.00	18.47 -0.61 0.00	18.67 -0.56 0.00	20.25 -0.31 0.00	19.58 -0.36 0.00	19.21 -0.66 0.00	19.96 -0.53 0.00	21.63 -0.17 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.68 0.10 0.00	26.26 -0.76 0.00	26.78 -0.27 0.00	33.00 -0.27 0.00	38.69 -1.00 0.46	41.04 -0.93 0.29	36.48 -1.83 0.64	36.09 -1.89 0.53	32.04 -0.45 0.00	27.83 -0.57 0.00	25.21 -0.41 0.00
NEVERSink___HYD 23608	24.32 1.09 0.00	23.03 1.01 0.00	21.10 0.87 0.00	20.15 0.83 0.00	19.88 0.80 0.00	20.04 0.81 0.00	21.38 0.82 0.00	20.74 0.80 0.00	20.74 0.87 0.00	21.42 0.92 0.00	22.74 0.94 0.00	23.94 0.99 0.00	25.77 1.37 0.00	27.03 1.46 0.00	28.96 1.95 0.00	29.08 2.03 0.00	35.63 2.36 0.00	43.09 2.93 0.00	45.18 2.91 0.00	41.64 2.69 0.00	41.13 2.62 0.00	34.60 2.11 0.00	30.24 1.84 0.00	27.03 1.41 0.00
NEWKRMKL_115KV_TB1 55635	23.71 0.49 0.00	22.53 0.51 0.00	20.90 0.67 0.00	20.00 0.68 0.00	19.71 0.63 0.00	19.83 0.60 0.00	21.11 0.56 0.00	20.46 0.52 0.00	20.46 0.60 0.00	20.90 0.41 0.00	22.13 0.33 0.00	23.32 0.37 0.00	24.92 0.51 0.00	26.04 0.46 0.00	27.66 0.65 0.00	27.89 0.84 0.00	34.30 1.03 0.00	41.25 1.08 0.00	43.36 1.10 0.00	40.08 1.13 0.00	39.67 1.16 0.00	33.37 0.88 0.00	29.13 0.74 0.00	26.08 0.46 0.00
NEWTON___FALLS_HYD 23847	22.37 -0.86 0.00	21.18 -0.84 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.96 -0.60 0.00	19.34 -0.60 0.00	19.25 -0.62 0.00	20.02 -0.47 0.00	21.28 -0.52 0.00	22.38 -0.57 0.00	23.77 -0.63 0.00	24.96 -0.61 0.00	26.39 -0.62 0.00	26.27 -0.78 0.00	32.44 -0.83 0.00	39.28 -0.88 0.00	41.63 -0.63 0.00	38.53 -0.43 0.00	38.05 -0.46 0.00	32.07 -0.42 0.00	27.97 -0.43 0.00	25.31 -0.31 0.00
NGRID_A1_DSASP 323792	22.14 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.06 -1.17 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.63 -0.95 0.00	25.93 -1.08 0.00	25.59 -1.46 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.78 -1.62 0.00	24.26 -1.36 0.00
NGRID_A2_DSASP 323793	22.14 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.06 -1.17 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.63 -0.95 0.00	25.93 -1.08 0.00	25.59 -1.46 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.78 -1.62 0.00	24.26 -1.36 0.00
NGRID_A4_DSASP 323807	22.14 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.06 -1.17 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.63 -0.95 0.00	25.93 -1.08 0.00	25.59 -1.46 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.78 -1.62 0.00	24.26 -1.36 0.00
NIAGARA_115E_LBMP 323715	22.23 -1.00 0.00	20.59 -1.43 0.00	18.98 -1.25 0.00	18.12 -1.20 0.00	17.87 -1.20 0.00	18.11 -1.12 0.00	19.65 -0.90 0.00	19.01 -0.94 0.00	18.58 -1.29 0.00	19.30 -1.19 0.00	20.95 -0.85 0.00	22.15 -0.80 0.00	23.33 -1.07 0.00	24.73 -0.84 0.00	26.01 -1.00 0.00	25.70 -1.35 0.00	31.58 -1.70 0.00	36.71 -2.93 0.52	39.19 -2.75 0.33	35.11 -3.12 0.73	34.87 -3.04 0.60	30.80 -1.69 0.00	26.89 -1.51 0.00	24.36 -1.25 0.00
NIAGARA_115W_LBMP 323714	22.09 -1.14 0.00	20.48 -1.54 0.00	18.88 -1.36 0.00	18.03 -1.29 0.00	17.78 -1.30 0.00	18.02 -1.21 0.00	19.57 -0.99 0.00	18.93 -1.02 0.00	18.50 -1.37 0.00	19.20 -1.29 0.00	20.87 -0.94 0.00	22.03 -0.92 0.00	23.21 -1.20 0.00	24.58 -1.00 0.00	25.85 -1.16 0.00	25.54 -1.51 0.00	31.38 -1.90 0.00	36.46 -3.17 0.53	38.93 -3.00 0.34	34.91 -3.31 0.73	34.67 -3.24 0.61	30.61 -1.89 0.00	26.72 -1.68 0.00	24.18 -1.43 0.00
NIAGARA_230_LBMP 323716	22.30 -0.93 0.00	20.68 -1.34 0.00	19.06 -1.17 0.00	18.20 -1.12 0.00	17.93 -1.14 0.00	18.19 -1.04 0.00	19.74 -0.82 0.00	19.09 -0.86 0.00	18.68 -1.19 0.00	19.39 -1.11 0.00	21.02 -0.78 0.00	22.22 -0.74 0.00	23.43 -0.98 0.00	24.78 -0.79 0.00	26.07 -0.95 0.00	25.78 -1.27 0.00	31.67 -1.60 0.00	36.81 -2.81 0.54	39.30 -2.62 0.34	35.25 -2.96 0.74	35.01 -2.89 0.62	30.90 -1.59 0.00	26.97 -1.42 0.00	24.41 -1.20 0.00
NIAGARA___115KV_198_GIBSON 55903	22.09 -1.14 0.00	20.48 -1.54 0.00	18.88 -1.36 0.00	18.03 -1.29 0.00	17.78 -1.30 0.00	17.98 -1.25 0.00	19.57 -0.99 0.00	18.93 -1.02 0.00	18.50 -1.37 0.00	19.20 -1.29 0.00	20.87 -0.94 0.00	22.03 -0.92 0.00	23.21 -1.20 0.00	24.53 -1.05 0.00	24.93 -2.08 0.00	25.46 -1.60 0.00	31.37 -1.90 0.00	36.46 -3.17 0.53	38.93 -3.00 0.34	34.91 -3.31 0.73	34.67 -3.24 0.61	30.61 -1.88 0.00	26.49 -1.90 0.00	24.16 -1.46 0.00
NIAGARA___ 23760	22.30 -0.93 0.00	20.68 -1.34 0.00	19.06 -1.17 0.00	18.20 -1.12 0.00	17.93 -1.14 0.00	18.19 -1.04 0.00	19.74 -0.82 0.00	19.09 -0.86 0.00	18.68 -1.19 0.00	19.39 -1.11 0.00	21.02 -0.78 0.00	22.22 -0.74 0.00	23.43 -0.98 0.00	24.78 -0.79 0.00	26.07 -0.95 0.00	25.78 -1.27 0.00	31.67 -1.60 0.00	36.82 -2.81 0.53	39.31 -2.62 0.34	35.25 -2.96 0.74	35.01 -2.89 0.61	30.90 -1.59 0.00	26.97 -1.42 0.00	24.41 -1.20 0.00
NINE_MILE_1 23575	22.74 -0.49 0.00	21.56 -0.46 0.00	19.79 -0.45 0.00	18.90 -0.43 0.00	18.64 -0.44 0.00	18.81 -0.42 0.00	20.15 -0.41 0.00	19.54 -0.40 0.00	19.41 -0.46 0.00	20.04 -0.45 0.00	21.37 -0.44 0.00	22.47 -0.48 0.00	23.73 -0.68 0.00	24.86 -0.72 0.00	26.31 -0.70 0.00	26.32 -0.73 0.00	32.41 -0.87 0.00	34.91 -1.08 4.17	38.52 -1.10 2.65	32.13 -1.05 5.78	32.68 -1.04 4.79	31.68 -0.81 0.00	27.68 -0.71 0.00	24.90 -0.72 0.00
NINE_MILE_2 23744	22.74 -0.49 0.00	21.56 -0.46 0.00	19.79 -0.45 0.00	18.90 -0.43 0.00	18.66 -0.42 0.00	18.81 -0.42 0.00	20.15 -0.41 0.00	19.54 -0.40 0.00	19.41 -0.46 0.00	20.04 -0.45 0.00	21.37 -0.44 0.00	22.47 -0.48 0.00	23.73 -0.68 0.00	24.86 -0.72 0.00	26.31 -0.70 0.00	26.32 -0.73 0.00	32.41 -0.87 0.00	34.85 -1.08 4.23	38.49 -1.10 2.68	32.05 -1.05 5.85	32.62 -1.04 4.86	31.68 -0.81 0.00	27.68 -0.71 0.00	24.90 -0.72 0.00
NM_CAPITAL___DRP 24208	23.78 0.56 0.00	22.59 0.57 0.00	20.92 0.69 0.00	20.02 0.70 0.00	19.72 0.65 0.00	19.85 0.62 0.00	21.13 0.58 0.00	20.48 0.54 0.00	20.50 0.64 0.00	20.94 0.45 0.00	22.17 0.37 0.00	23.37 0.41 0.00	24.97 0.56 0.00	26.11 0.54 0.00	27.71 0.70 0.00	27.95 0.89 0.00	34.37 1.10 0.00	41.33 1.16 0.00	43.45 1.18 0.00	40.16 1.21 0.00	39.75 1.23 0.00	33.40 0.91 0.00	29.22 0.82 0.00	26.13 0.51 0.00

NM_CENTRAL___DRP 24181	23.16 -0.07 0.00	21.93 -0.09 0.00	20.11 -0.12 0.00	19.19 -0.14 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.48 -0.08 0.00	19.88 -0.06 0.00	19.71 -0.16 0.00	20.39 -0.10 0.00	21.74 -0.07 0.00	22.86 -0.09 0.00	24.19 -0.22 0.00	25.37 -0.20 0.00	26.69 -0.32 0.00	26.92 -0.14 0.00	33.17 -0.10 0.00	39.81 -0.12 0.24	41.95 -0.17 0.15	38.43 -0.19 0.33	38.05 -0.19 0.27	32.39 -0.10 0.00	28.28 -0.11 0.00	25.39 -0.23 0.00
NM_FRONTIER___DRP 24179	22.09 -1.14 0.00	20.48 -1.54 0.00	18.88 -1.36 0.00	18.03 -1.29 0.00	17.78 -1.30 0.00	17.98 -1.25 0.00	19.57 -0.99 0.00	18.93 -1.02 0.00	18.50 -1.37 0.00	19.20 -1.29 0.00	20.87 -0.94 0.00	22.03 -0.92 0.00	23.21 -1.20 0.00	24.53 -1.05 0.00	24.93 -2.08 0.00	25.46 -1.60 0.00	31.37 -1.90 0.00	36.46 -3.17 0.53	38.93 -3.00 0.34	34.91 -3.31 0.73	34.67 -3.24 0.61	30.61 -1.88 0.00	26.49 -1.90 0.00	24.16 -1.46 0.00
NM_ST_REGIS___HYD 24053	22.53 -0.70 0.00	21.38 -0.64 0.00	19.60 -0.63 0.00	18.74 -0.58 0.00	18.79 -0.29 0.00	18.96 -0.27 0.00	20.25 -0.31 0.00	19.66 -0.28 0.00	19.63 -0.24 0.00	20.35 -0.14 0.00	21.63 -0.17 0.00	22.81 -0.14 0.00	24.21 -0.20 0.00	25.37 -0.20 0.00	26.85 -0.16 0.00	26.54 -0.51 0.00	32.74 -0.53 0.00	39.56 -0.60 0.00	42.01 -0.25 0.00	38.72 -0.23 0.00	38.32 -0.19 0.00	32.20 -0.29 0.00	28.14 -0.26 0.00	25.67 0.05 0.00
NORTHPORT___1 23551	29.00 1.63 -4.15	25.38 1.63 -1.72	23.91 1.52 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.03 1.46 -0.34	22.00 1.44 0.00	21.18 1.24 0.00	21.42 1.55 0.00	22.10 1.60 -0.01	31.34 1.68 -7.85	32.93 1.79 -8.19	35.31 2.15 -8.75	39.60 2.30 -11.72	40.18 2.89 -10.28	43.61 2.95 -13.61	62.88 3.33 -26.28	54.72 3.98 -10.58	46.20 3.93 -0.01	45.47 3.70 -2.81	42.65 3.73 -0.40	37.07 2.79 -1.79	33.17 2.50 -2.27	31.36 1.92 -3.82
NORTHPORT___2 23552	29.00 1.63 -4.15	25.38 1.63 -1.72	23.91 1.52 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.03 1.46 -0.34	22.00 1.44 0.00	21.18 1.24 0.00	21.42 1.55 0.00	22.10 1.60 -0.01	31.34 1.68 -7.85	32.93 1.79 -8.19	35.31 2.15 -8.75	39.60 2.30 -11.72	40.18 2.89 -10.28	43.61 2.95 -13.61	62.88 3.33 -26.28	54.72 3.98 -10.58	46.20 3.93 -0.01	45.47 3.70 -2.81	42.65 3.73 -0.40	37.07 2.79 -1.79	33.17 2.50 -2.27	31.36 1.92 -3.82
NORTHPORT___3 23553	28.58 1.21 -4.15	24.91 1.17 -1.72	23.45 1.05 -2.16	21.71 0.98 -1.40	20.16 0.97 -0.11	20.57 1.00 -0.34	21.51 0.95 0.00	20.74 0.80 0.00	20.96 1.09 0.00	21.65 1.15 -0.01	30.90 1.24 -7.85	32.37 1.24 -8.18	34.79 1.64 -8.75	39.03 1.74 -11.71	39.58 2.29 -10.27	42.98 2.33 -13.60	62.21 2.66 -26.28	53.87 3.13 -10.57	45.27 3.00 0.00	44.49 2.73 -2.81	41.60 2.70 -0.39	36.35 2.08 -1.78	32.48 1.82 -2.27	30.90 1.46 -3.82
NORTHPORT___4 23650	28.58 1.21 -4.15	24.91 1.17 -1.72	23.45 1.05 -2.16	21.71 0.98 -1.40	20.16 0.97 -0.11	20.57 1.00 -0.34	21.51 0.95 0.00	20.74 0.80 0.00	20.96 1.09 0.00	21.65 1.15 -0.01	30.90 1.24 -7.85	32.37 1.24 -8.18	34.79 1.64 -8.75	39.03 1.74 -11.71	39.58 2.29 -10.27	42.98 2.33 -13.60	62.21 2.66 -26.28	53.87 3.13 -10.57	45.27 3.00 0.00	44.49 2.73 -2.81	41.60 2.70 -0.39	36.35 2.08 -1.78	32.48 1.82 -2.27	30.90 1.46 -3.82
NORTHPORT___IC 23718	28.99 1.63 -4.14	25.37 1.63 -1.72	23.90 1.52 -2.15	22.15 1.43 -1.40	20.59 1.41 -0.10	21.02 1.46 -0.33	22.00 1.44 0.00	21.18 1.24 0.00	21.42 1.55 0.00	22.13 1.64 0.00	31.33 1.68 -7.85	32.92 1.79 -8.18	35.30 2.15 -8.75	39.59 2.30 -11.71	39.93 2.65 -10.27	43.57 2.92 -13.60	62.87 3.33 -26.28	54.71 3.98 -10.57	46.20 3.93 0.00	45.46 3.70 -2.81	42.64 3.74 -0.39	37.07 2.79 -1.78	33.16 2.50 -2.27	31.35 1.92 -3.81
NORTH___COUNTRY_ESR 323785	22.76 -0.46 0.00	21.62 -0.40 0.00	19.85 -0.39 0.00	18.97 -0.35 0.00	18.81 -0.27 0.00	19.00 -0.23 0.00	20.31 -0.25 0.00	19.74 -0.20 0.00	19.77 -0.10 0.00	20.37 -0.12 0.00	21.70 -0.11 0.00	22.88 -0.07 0.00	24.29 -0.12 0.00	25.42 -0.15 0.00	26.53 -0.49 0.00	26.59 -0.46 0.00	32.84 -0.43 0.00	39.72 -0.44 0.00	42.48 0.21 0.00	38.99 0.04 0.00	38.55 0.04 0.00	32.39 -0.10 0.00	28.28 -0.11 0.00	25.80 0.18 0.00
NPX_GEN_1385_PROXY 323591	28.00 0.95 -3.82	25.00 1.25 -1.72	23.81 1.42 -2.16	22.00 1.27 -1.40	20.46 1.28 -0.11	20.97 1.40 -0.34	21.83 1.28 0.00	21.12 1.18 0.00	21.36 1.49 0.00	21.96 1.46 -0.01	26.00 1.03 -3.17	26.00 1.10 -1.95	27.00 1.44 -1.15	29.09 1.53 -1.98	30.40 2.08 -1.31	31.30 2.14 -2.11	37.90 2.36 -2.27	47.00 2.85 -3.99	45.10 2.83 -0.01	45.00 3.23 -2.81	42.53 3.62 -0.40	36.16 1.88 -1.79	32.00 1.65 -1.96	30.00 1.18 -3.20
NPX_GEN_CSC 323557	28.82 1.44 -4.15	25.20 1.45 -1.72	23.77 1.38 -2.16	22.10 1.37 -1.40	20.56 1.37 -0.11	20.95 1.39 -0.34	21.96 1.40 0.00	20.88 0.94 0.00	21.18 1.31 0.00	21.90 1.39 -0.01	31.16 1.50 -7.85	32.79 1.65 -8.19	35.24 2.07 -8.75	39.65 2.35 -11.72	40.29 3.00 -10.28	43.72 3.06 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.65 3.73 -0.40	37.07 2.79 -1.79	33.05 2.39 -2.27	31.18 1.74 -3.82
NSINS_S___GLNS_FALLS 23858	25.08 1.86 0.00	23.85 1.83 0.00	21.87 1.64 0.00	20.87 1.55 0.00	20.41 1.34 0.00	20.56 1.33 0.00	21.94 1.38 0.00	21.08 1.14 0.00	21.14 1.27 0.00	21.64 1.15 0.00	22.94 1.13 0.00	24.17 1.22 0.00	25.90 1.49 0.00	27.11 1.53 0.00	28.88 1.86 0.00	29.27 2.22 0.00	36.07 2.79 0.00	43.26 3.09 0.00	45.69 3.42 0.00	42.27 3.31 0.00	41.94 3.43 0.00	35.35 2.86 0.00	30.98 2.58 0.00	27.69 2.08 0.00
NUCOR_STEEL___DRP 24197	23.41 0.19 0.00	22.15 0.13 0.00	20.31 0.08 0.00	19.38 0.06 0.00	19.13 0.06 0.00	19.29 0.06 0.00	20.70 0.14 0.00	20.08 0.14 0.00	19.87 0.00 0.00	20.55 0.06 0.00	21.91 0.11 0.00	23.07 0.11 0.00	24.43 0.02 0.00	25.65 0.08 0.00	26.93 -0.08 0.00	27.22 0.16 0.00	33.54 0.27 0.00	40.52 0.36 0.00	42.65 0.38 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.88 0.39 0.00	28.68 0.28 0.00	25.75 0.13 0.00
NUMBER_THREE_WT_PWR 323818	22.81 -0.42 0.00	21.58 -0.44 0.00	19.77 -0.46 0.00	18.86 -0.46 0.00	18.69 -0.38 0.00	18.83 -0.40 0.00	20.19 -0.37 0.00	19.56 -0.38 0.00	19.41 -0.46 0.00	20.29 -0.20 0.00	21.52 -0.28 0.00	22.58 -0.37 0.00	23.99 -0.42 0.00	25.24 -0.33 0.00	26.63 -0.38 0.00	26.68 -0.38 0.00	33.00 -0.27 0.00	40.00 -0.16 0.00	42.39 0.13 0.00	39.26 0.31 0.00	38.79 0.27 0.00	32.75 0.26 0.00	28.54 0.14 0.00	25.64 0.03 0.00
NYISO_LBMP_REFERENCE 24008	23.23 0.00 0.00	22.02 0.00 0.00	20.23 0.00 0.00	19.32 0.00 0.00	19.08 0.00 0.00	19.23 0.00 0.00	20.56 0.00 0.00	19.94 0.00 0.00	19.87 0.00 0.00	20.49 0.00 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.41 0.00 0.00	25.58 0.00 0.00	27.01 0.00 0.00	27.05 0.00 0.00	33.27 0.00 0.00	40.16 0.00 0.00	42.26 0.00 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.49 0.00 0.00	28.39 0.00 0.00	25.62 0.00 0.00

NYPA_BRENTWD____GT 24164	29.24 1.86 -4.15	25.55 1.81 -1.72	24.05 1.66 -2.16	22.31 1.58 -1.40	20.73 1.54 -0.11	21.16 1.60 -0.34	22.12 1.56 0.00	21.28 1.34 0.00	21.52 1.65 0.00	22.22 1.72 -0.01	31.53 1.88 -7.85	33.16 2.02 -8.19	35.60 2.44 -8.75	39.93 2.63 -11.72	40.56 3.27 -10.28	43.99 3.33 -13.61	63.28 3.73 -26.28	55.20 4.46 -10.58	46.71 4.44 -0.01	45.86 4.09 -2.81	43.11 4.20 -0.40	37.53 3.25 -1.79	33.48 2.81 -2.27	31.62 2.18 -3.82
NYPA_GOWANUS____GT5 24156	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.56 3.04 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NYPA_GOWANUS____GT6 24157	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.27 1.04 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.81 1.31 0.00	23.31 1.50 0.00	24.53 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.53 2.76 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.56 3.04 0.00	35.03 2.54 0.00	30.52 2.13 0.00	27.23 1.61 0.00
NYPA_HARLEM__RVR__GT1 24160	24.55 1.32 0.00	23.28 1.25 0.00	21.36 1.13 0.00	20.36 1.04 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.51 0.95 0.00	20.89 0.96 0.01	20.95 1.09 0.01	21.65 1.17 0.01	23.13 1.33 0.01	24.37 1.42 0.01	26.23 1.83 0.01	27.50 1.92 0.00	29.55 2.54 0.00	29.65 2.60 0.00	36.02 2.76 0.01	43.41 3.25 0.01	45.34 3.08 0.01	41.71 2.77 0.01	41.24 2.73 0.01	34.72 2.24 0.01	30.46 2.07 0.00	27.21 1.59 0.00
NYPA_HARLEM__RVR__GT2 24161	24.55 1.32 0.00	23.28 1.25 0.00	21.36 1.13 0.00	20.36 1.04 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.51 0.95 0.00	20.89 0.96 0.01	20.95 1.09 0.01	21.65 1.17 0.01	23.13 1.33 0.01	24.37 1.42 0.01	26.23 1.83 0.01	27.50 1.92 0.00	29.55 2.54 0.00	29.65 2.60 0.00	36.02 2.76 0.01	43.41 3.25 0.01	45.34 3.08 0.01	41.71 2.77 0.01	41.24 2.73 0.01	34.72 2.24 0.01	30.46 2.07 0.00	27.21 1.59 0.00
NYPA_KENT____GT 24152	24.55 1.32 0.00	23.28 1.25 0.00	21.32 1.09 0.00	20.36 1.04 0.00	20.07 0.99 0.00	20.25 1.02 0.00	21.57 1.01 0.00	20.96 1.02 0.00	21.04 1.17 0.00	21.76 1.27 0.00	23.24 1.44 0.00	24.49 1.54 0.00	26.38 1.98 0.00	27.65 2.07 0.00	31.47 2.65 -1.81	40.89 2.71 -11.13	36.23 2.96 0.00	43.66 3.49 0.00	45.60 3.34 0.00	41.95 3.00 0.00	41.48 2.97 0.00	34.93 2.44 0.00	30.46 2.07 0.00	27.18 1.56 0.00
NYPA_POUCH1____GT 24155	24.55 1.32 0.00	23.30 1.28 0.00	21.34 1.11 0.00	20.34 1.02 0.00	20.07 0.99 0.00	20.25 1.02 0.00	21.57 1.01 0.00	20.96 1.02 0.00	21.04 1.17 0.00	21.79 1.29 0.00	23.29 1.48 0.00	24.51 1.56 0.00	26.43 2.02 0.00	27.72 2.15 0.00	33.50 2.73 -3.76	52.97 2.79 -23.13	36.33 3.06 0.00	43.78 3.62 0.00	45.69 3.42 0.00	42.03 3.08 0.00	41.56 3.04 0.00	34.99 2.50 0.00	30.41 2.02 0.00	27.13 1.51 0.00
NYPA_VERNON____GT2 24162	24.50 1.28 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.31 1.91 0.00	27.57 2.00 0.00	29.34 2.57 0.24	28.20 2.60 1.45	36.13 2.86 0.00	43.57 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.40 2.89 0.00	34.83 2.34 0.00	30.44 2.05 0.00	27.15 1.54 0.00
NYPA_VERNON____GT3 24163	24.50 1.28 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.31 1.91 0.00	27.57 2.00 0.00	29.34 2.57 0.24	28.20 2.60 1.45	36.13 2.86 0.00	43.57 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.40 2.89 0.00	34.83 2.34 0.00	30.44 2.05 0.00	27.15 1.54 0.00
NYPA__ASTORIA_CC1 323568	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.55 2.54 0.00	29.63 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.41 2.02 0.00	27.15 1.54 0.00
NYPA__ASTORIA_CC2 323569	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.53 0.97 0.00	20.94 1.00 0.00	21.00 1.13 0.00	21.72 1.23 0.00	23.18 1.37 0.00	24.42 1.47 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.55 2.54 0.00	29.63 2.57 0.00	36.10 2.83 0.00	43.54 3.37 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.41 2.02 0.00	27.15 1.54 0.00
NYPA__HOLTSVILL 23794	29.00 1.63 -4.15	25.35 1.61 -1.72	23.87 1.48 -2.16	22.15 1.43 -1.40	20.60 1.41 -0.11	21.01 1.44 -0.34	22.00 1.44 0.00	21.08 1.14 0.00	21.34 1.47 0.00	22.06 1.56 -0.01	31.31 1.66 -7.85	32.91 1.77 -8.19	35.33 2.17 -8.75	39.68 2.38 -11.72	40.29 3.00 -10.28	43.72 3.06 -13.61	63.02 3.46 -26.28	54.88 4.14 -10.58	46.37 4.10 -0.01	45.51 3.74 -2.81	42.69 3.78 -0.40	37.17 2.89 -1.79	33.17 2.50 -2.27	31.34 1.90 -3.82
NYPA__HELLGATE_GT1 24158	24.55 1.32 0.00	23.28 1.25 0.00	21.36 1.13 0.00	20.36 1.04 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.51 0.95 0.00	20.89 0.96 0.01	20.95 1.09 0.01	21.65 1.17 0.01	23.13 1.33 0.01	24.37 1.42 0.01	26.23 1.83 0.01	27.50 1.92 0.00	29.55 2.54 0.00	29.65 2.60 0.00	36.02 2.76 0.01	43.41 3.25 0.01	45.34 3.08 0.01	41.71 2.77 0.01	41.24 2.73 0.01	34.72 2.24 0.01	30.46 2.07 0.00	27.21 1.59 0.00
NYPA__HELLGATE_GT2 24159	24.55 1.32 0.00	23.28 1.25 0.00	21.36 1.13 0.00	20.36 1.04 0.00	20.09 1.01 0.00	20.23 1.00 0.00	21.51 0.95 0.00	20.89 0.96 0.01	20.95 1.09 0.01	21.65 1.17 0.01	23.13 1.33 0.01	24.37 1.42 0.01	26.23 1.83 0.01	27.50 1.92 0.00	29.55 2.54 0.00	29.65 2.60 0.00	36.02 2.76 0.01	43.41 3.25 0.01	45.34 3.08 0.01	41.71 2.77 0.01	41.24 2.73 0.01	34.72 2.24 0.01	30.46 2.07 0.00	27.21 1.59 0.00
NYS_BARGE__HYD 23848	22.58 -0.65 0.00	20.92 -1.10 0.00	19.28 -0.95 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.38 -0.85 0.00	19.94 -0.62 0.00	19.28 -0.66 0.00	18.86 -1.01 0.00	19.59 -0.90 0.00	21.28 -0.52 0.00	22.49 -0.46 0.00	23.73 -0.68 0.00	25.14 -0.43 0.00	26.47 -0.54 0.00	26.16 -0.89 0.00	32.17 -1.10 0.00	37.42 -2.21 0.53	39.98 -1.94 0.34	35.80 -2.42 0.74	35.55 -2.35 0.61	31.42 -1.07 0.00	27.43 -0.97 0.00	24.80 -0.82 0.00

OAK ORCHARD___HYD 24046	22.95 -0.28 0.00	21.45 -0.57 0.00	19.73 -0.50 0.00	18.82 -0.50 0.00	18.58 -0.50 0.00	18.77 -0.46 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.33 -0.54 0.00	20.06 -0.43 0.00	21.59 -0.22 0.00	22.79 -0.16 0.00	24.07 -0.34 0.00	25.40 -0.18 0.00	26.82 -0.19 0.00	26.70 -0.35 0.00	32.91 -0.37 0.00	38.70 -0.88 0.58	41.14 -0.76 0.37	37.34 -0.82 0.80	37.08 -0.77 0.66	32.27 -0.23 0.00	28.11 -0.28 0.00	25.23 -0.38 0.00
OAKDALE___35_KV_LOAD 356122	23.37 0.14 0.00	22.04 0.02 0.00	20.23 0.00 0.00	19.32 0.00 0.00	19.06 -0.02 0.00	19.23 0.00 0.00	20.64 0.08 0.00	20.02 0.08 0.00	19.83 -0.04 0.00	20.51 0.02 0.00	21.89 0.09 0.00	23.09 0.14 0.00	24.55 0.15 0.00	25.81 0.23 0.00	27.04 0.03 0.00	27.35 0.30 0.00	33.67 0.40 0.00	40.33 0.32 0.16	42.50 0.34 0.10	38.82 0.08 0.22	38.37 0.04 0.18	32.82 0.32 0.00	28.65 0.26 0.00	25.75 0.13 0.00
OCC_CHEM___DRP 24175	22.13 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.02 -1.21 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.60 -0.97 0.00	24.99 -2.03 0.00	25.51 -1.54 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.55 -1.85 0.00	24.21 -1.41 0.00
OH_GEN_PROXY 24063	22.30 -0.93 0.00	20.70 -1.32 0.00	19.08 -1.15 0.00	18.20 -1.12 0.00	17.95 -1.13 0.00	18.21 -1.02 0.00	19.74 -0.82 0.00	19.11 -0.84 0.00	18.70 -1.17 0.00	19.41 -1.09 0.00	21.04 -0.76 0.00	22.24 -0.71 0.00	23.46 -0.95 0.00	24.81 -0.77 0.00	26.09 -0.92 0.00	25.81 -1.24 0.00	31.74 -1.53 0.00	36.94 -2.69 0.54	39.39 -2.53 0.34	35.33 -2.88 0.74	35.09 -2.81 0.62	30.93 -1.56 0.00	27.00 -1.39 0.00	24.44 -1.18 0.00
OLIN_CORP_DRP 24177	22.25 -0.98 0.00	20.61 -1.41 0.00	19.02 -1.21 0.00	18.14 -1.18 0.00	17.89 -1.18 0.00	18.11 -1.12 0.00	19.70 -0.86 0.00	19.03 -0.92 0.00	18.62 -1.25 0.00	19.33 -1.17 0.00	21.00 -0.81 0.00	22.17 -0.78 0.00	23.38 -1.03 0.00	24.71 -0.87 0.00	25.12 -1.89 0.00	25.65 -1.41 0.00	31.64 -1.63 0.00	36.79 -2.85 0.52	39.27 -2.66 0.33	35.19 -3.04 0.72	34.95 -2.97 0.60	30.87 -1.62 0.00	26.72 -1.68 0.00	24.36 -1.26 0.00
OLIN_CORP_DSASP 323712	22.14 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.06 -1.17 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.63 -0.95 0.00	25.93 -1.08 0.00	25.59 -1.46 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.78 -1.62 0.00	24.26 -1.36 0.00
ONEIDA_HERK_LFGE 323681	23.39 0.16 0.00	22.11 0.09 0.00	20.29 0.06 0.00	19.34 0.02 0.00	19.13 0.06 0.00	19.29 0.06 0.00	20.66 0.10 0.00	20.04 0.10 0.00	19.91 0.04 0.00	20.66 0.16 0.00	21.94 0.13 0.00	23.04 0.09 0.00	24.51 0.10 0.00	25.76 0.18 0.00	27.23 0.22 0.00	27.27 0.22 0.00	33.70 0.43 0.00	40.77 0.60 0.00	43.03 0.76 0.00	39.77 0.82 0.00	39.28 0.77 0.00	33.18 0.68 0.00	28.93 0.54 0.00	25.98 0.36 0.00
ONEIDA___115KV_TB4 55905	23.78 0.56 0.00	22.48 0.46 0.00	20.62 0.38 0.00	19.65 0.33 0.00	19.40 0.32 0.00	19.56 0.33 0.00	20.97 0.41 0.00	20.34 0.40 0.00	20.17 0.30 0.00	20.86 0.37 0.00	22.17 0.37 0.00	23.32 0.37 0.00	24.80 0.39 0.00	26.06 0.49 0.00	27.44 0.43 0.00	27.62 0.57 0.00	34.14 0.87 0.00	41.13 1.08 0.12	43.41 1.23 0.08	40.00 1.21 0.17	39.53 1.16 0.14	33.53 1.04 0.00	29.24 0.85 0.00	26.23 0.61 0.00
ONONDAGA_REF_OCCRA 23987	23.23 0.00 0.00	22.00 -0.02 0.00	20.17 -0.06 0.00	19.24 -0.08 0.00	18.98 -0.10 0.00	19.15 -0.08 0.00	20.54 -0.02 0.00	19.92 -0.02 0.00	19.77 -0.10 0.00	20.43 -0.06 0.00	21.78 -0.02 0.00	22.91 -0.05 0.00	24.26 -0.15 0.00	25.45 -0.13 0.00	26.77 -0.24 0.00	27.03 -0.03 0.00	33.30 0.03 0.00	40.03 0.04 0.17	42.20 0.04 0.11	38.68 -0.04 0.24	38.28 -0.04 0.20	32.56 0.06 0.00	28.42 0.03 0.00	25.49 -0.13 0.00
ONONDAGA___COGEN 23986	23.25 0.02 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.02 -0.06 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.96 0.02 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	26.80 -0.22 0.00	27.05 0.00 0.00	33.34 0.07 0.00	40.24 0.08 0.00	42.35 0.08 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.56 0.06 0.00	28.45 0.06 0.00	25.54 -0.08 0.00
ONTARIO___LFGE 23819	23.41 0.18 0.00	22.02 0.00 0.00	20.19 -0.04 0.00	19.26 -0.06 0.00	19.00 -0.08 0.00	19.19 -0.04 0.00	20.66 0.10 0.00	20.02 0.08 0.00	19.73 -0.14 0.00	20.43 -0.06 0.00	21.87 0.07 0.00	23.09 0.14 0.00	24.48 0.07 0.00	25.78 0.20 0.00	27.31 0.30 0.00	27.30 0.24 0.00	33.67 0.40 0.00	40.02 0.20 0.35	42.42 0.38 0.22	38.55 0.08 0.48	38.19 0.08 0.40	33.04 0.55 0.00	28.88 0.48 0.00	25.85 0.23 0.00
ORANGEVILLE_WT_PWR 323706	22.90 -0.33 0.00	21.29 -0.73 0.00	19.60 -0.63 0.00	18.70 -0.62 0.00	18.45 -0.63 0.00	18.69 -0.54 0.00	20.23 -0.33 0.00	19.56 -0.38 0.00	19.17 -0.70 0.00	19.92 -0.57 0.00	21.52 -0.28 0.00	22.77 -0.18 0.00	24.09 -0.32 0.00	25.50 -0.08 0.00	26.88 -0.13 0.00	26.65 -0.41 0.00	32.77 -0.50 0.00	38.43 -1.29 0.44	40.88 -1.10 0.28	36.59 -1.75 0.61	36.27 -1.73 0.51	31.97 -0.52 0.00	27.91 -0.48 0.00	25.18 -0.44 0.00
ORANGEVILLE___ESR 323794	22.90 -0.33 0.00	21.29 -0.73 0.00	19.60 -0.63 0.00	18.70 -0.62 0.00	18.45 -0.63 0.00	18.69 -0.54 0.00	20.23 -0.33 0.00	19.56 -0.38 0.00	19.17 -0.70 0.00	19.92 -0.57 0.00	21.52 -0.28 0.00	22.77 -0.18 0.00	24.09 -0.32 0.00	25.50 -0.08 0.00	26.88 -0.13 0.00	26.65 -0.41 0.00	32.77 -0.50 0.00	38.43 -1.29 0.44	40.88 -1.10 0.28	36.59 -1.75 0.61	36.27 -1.73 0.51	31.97 -0.52 0.00	27.91 -0.48 0.00	25.18 -0.44 0.00
OSWEGATCHIE___HYD 24044	22.37 -0.86 0.00	21.18 -0.84 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.50 -0.57 0.00	18.65 -0.58 0.00	19.96 -0.60 0.00	19.34 -0.60 0.00	19.25 -0.62 0.00	20.02 -0.47 0.00	21.28 -0.52 0.00	22.38 -0.57 0.00	23.77 -0.63 0.00	24.96 -0.61 0.00	26.20 -0.81 0.00	26.24 -0.81 0.00	32.44 -0.83 0.00	39.28 -0.88 0.00	41.63 -0.63 0.00	38.53 -0.43 0.00	38.05 -0.46 0.00	32.10 -0.39 0.00	27.97 -0.43 0.00	25.31 -0.31 0.00
OSWEGO___5 23606	22.88 -0.35 0.00	21.67 -0.35 0.00	19.89 -0.34 0.00	18.99 -0.33 0.00	18.75 -0.32 0.00	18.90 -0.33 0.00	20.25 -0.31 0.00	19.64 -0.30 0.00	19.51 -0.36 0.00	20.14 -0.35 0.00	21.48 -0.33 0.00	22.58 -0.37 0.00	23.87 -0.54 0.00	25.04 -0.54 0.00	26.50 -0.51 0.00	26.54 -0.51 0.00	32.64 -0.63 0.00	41.07 -0.76 -1.67	42.52 -0.80 -1.06	40.49 -0.78 -2.32	39.67 -0.77 -1.92	31.94 -0.55 0.00	27.91 -0.48 0.00	25.08 -0.54 0.00

OSWEGO___6 23613	22.88 -0.35 0.00	21.67 -0.35 0.00	19.89 -0.34 0.00	18.99 -0.33 0.00	18.75 -0.32 0.00	18.90 -0.33 0.00	20.25 -0.31 0.00	19.64 -0.30 0.00	19.51 -0.36 0.00	20.14 -0.35 0.00	21.48 -0.33 0.00	22.58 -0.37 0.00	23.87 -0.54 0.00	25.04 -0.54 0.00	26.50 -0.51 0.00	26.54 -0.51 0.00	32.64 -0.63 0.00	41.07 -0.76 -1.67	42.52 -0.80 -1.06	40.49 -0.78 -2.32	39.67 -0.77 -1.92	31.94 -0.55 0.00	27.91 -0.48 0.00	25.08 -0.54 0.00
OUTOKUMPU-AB___DRP 24206	22.69 -0.53 0.00	21.03 -0.99 0.00	19.40 -0.83 0.00	18.51 -0.81 0.00	18.26 -0.82 0.00	18.48 -0.75 0.00	20.07 -0.49 0.00	19.40 -0.54 0.00	18.99 -0.87 0.00	19.73 -0.76 0.00	21.43 -0.37 0.00	22.68 -0.28 0.00	23.94 -0.46 0.00	25.35 -0.23 0.00	25.80 -1.22 0.00	26.32 -0.73 0.00	32.44 -0.83 0.00	37.76 -1.89 0.52	40.29 -1.65 0.33	35.98 -2.26 0.72	35.72 -2.20 0.60	31.61 -0.88 0.00	27.37 -1.02 0.00	24.93 -0.69 0.00
OXBOW___BTM 323836	22.44 -0.79 0.00	20.79 -1.23 0.00	19.16 -1.07 0.00	18.30 -1.02 0.00	18.05 -1.03 0.00	18.29 -0.94 0.00	19.84 -0.72 0.00	19.18 -0.76 0.00	18.78 -1.09 0.00	19.49 -1.00 0.00	21.19 -0.61 0.00	22.40 -0.55 0.00	23.63 -0.78 0.00	25.06 -0.51 0.00	26.36 -0.65 0.00	26.05 -1.00 0.00	32.01 -1.26 0.00	37.19 -2.45 0.52	39.69 -2.24 0.33	35.54 -2.69 0.72	35.26 -2.66 0.60	31.16 -1.33 0.00	27.20 -1.19 0.00	24.62 -1.00 0.00
OXBOW____ 24026	22.44 -0.79 0.00	20.79 -1.23 0.00	19.16 -1.07 0.00	18.30 -1.02 0.00	18.05 -1.03 0.00	18.25 -0.98 0.00	19.84 -0.72 0.00	19.18 -0.76 0.00	18.78 -1.09 0.00	19.49 -1.00 0.00	21.19 -0.61 0.00	22.40 -0.55 0.00	23.63 -0.78 0.00	25.01 -0.56 0.00	25.42 -1.59 0.00	25.94 -1.11 0.00	32.01 -1.26 0.00	37.19 -2.45 0.52	39.69 -2.24 0.33	35.54 -2.69 0.72	35.29 -2.62 0.60	31.16 -1.33 0.00	26.97 -1.42 0.00	24.59 -1.02 0.00
OXY_CHEM_DSASP 323612	22.13 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.02 -1.21 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.60 -0.97 0.00	24.99 -2.03 0.00	25.51 -1.54 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.55 -1.85 0.00	24.21 -1.41 0.00
OZONE_PARK_ESR 323760	24.60 1.37 0.00	23.34 1.32 0.00	21.38 1.15 0.00	20.40 1.08 0.00	20.13 1.05 0.00	20.33 1.10 0.00	21.67 1.11 0.00	21.06 1.12 0.00	21.14 1.27 0.00	21.83 1.33 0.00	23.31 1.50 0.00	24.56 1.61 0.00	26.46 2.05 0.00	27.72 2.15 0.00	29.47 2.46 0.00	29.79 2.73 0.00	36.37 3.09 0.00	43.86 3.69 0.00	45.81 3.55 0.00	42.15 3.19 0.00	41.67 3.16 0.00	35.06 2.57 0.00	30.66 2.27 0.00	27.31 1.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.13 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.02 -1.21 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.60 -0.97 0.00	24.99 -2.03 0.00	25.51 -1.54 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.55 -1.85 0.00	24.21 -1.41 0.00
PACKARD__115KV_DUPONT_184 80571	22.13 -1.09 0.00	20.52 -1.50 0.00	18.92 -1.31 0.00	18.07 -1.26 0.00	17.82 -1.26 0.00	18.02 -1.21 0.00	19.61 -0.95 0.00	18.97 -0.98 0.00	18.54 -1.33 0.00	19.24 -1.25 0.00	20.91 -0.89 0.00	22.08 -0.87 0.00	23.29 -1.12 0.00	24.60 -0.97 0.00	24.99 -2.03 0.00	25.51 -1.54 0.00	31.44 -1.83 0.00	36.54 -3.09 0.53	39.01 -2.92 0.34	34.99 -3.23 0.73	34.75 -3.16 0.61	30.67 -1.82 0.00	26.55 -1.85 0.00	24.21 -1.41 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.50 1.28 0.00	23.25 1.23 0.00	21.32 1.09 0.00	20.34 1.02 0.00	20.05 0.97 0.00	20.19 0.96 0.00	21.46 0.90 0.00	20.84 0.90 0.00	20.92 1.05 0.00	21.62 1.13 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.19 1.78 0.00	27.44 1.87 0.00	29.23 2.22 0.00	29.57 2.52 0.00	35.97 2.69 0.00	43.38 3.21 0.00	45.31 3.04 0.00	41.68 2.73 0.00	41.21 2.70 0.00	34.67 2.18 0.00	30.41 2.02 0.00	27.15 1.54 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.62 1.39 0.00	23.36 1.34 0.00	21.44 1.21 0.00	20.44 1.12 0.00	20.16 1.09 0.00	20.31 1.08 0.00	21.59 1.03 0.00	20.96 1.02 0.00	21.04 1.17 0.00	21.74 1.25 0.00	23.22 1.42 0.00	24.44 1.49 0.00	26.34 1.93 0.00	27.62 2.05 0.00	29.42 2.40 0.00	29.76 2.71 0.00	36.23 2.96 0.00	43.74 3.57 0.00	45.69 3.42 0.00	42.03 3.08 0.00	41.52 3.00 0.00	34.93 2.44 0.00	30.64 2.24 0.00	27.36 1.74 0.00
PATROON__115KV_TB1 80586	23.78 0.56 0.00	22.59 0.57 0.00	20.94 0.71 0.00	20.04 0.71 0.00	19.74 0.67 0.00	19.88 0.65 0.00	21.18 0.62 0.00	20.50 0.56 0.00	20.52 0.66 0.00	20.96 0.47 0.00	22.20 0.39 0.00	23.39 0.44 0.00	24.99 0.59 0.00	26.11 0.54 0.00	27.74 0.73 0.00	28.00 0.95 0.00	34.40 1.13 0.00	41.37 1.20 0.00	43.49 1.23 0.00	40.20 1.25 0.00	39.78 1.27 0.00	33.47 0.97 0.00	29.24 0.85 0.00	26.16 0.54 0.00
PATTRSNVILLE___SOLAR 323815	24.27 1.05 0.00	23.03 1.01 0.00	21.16 0.93 0.00	20.21 0.89 0.00	19.91 0.84 0.00	20.06 0.83 0.00	21.40 0.84 0.00	20.66 0.72 0.00	20.58 0.71 0.00	21.07 0.57 0.00	22.31 0.50 0.00	23.50 0.55 0.00	25.14 0.73 0.00	26.32 0.74 0.00	28.09 1.08 0.00	28.30 1.25 0.00	34.84 1.56 0.00	42.05 1.89 0.00	44.34 2.07 0.00	40.90 1.95 0.00	40.55 2.04 0.00	34.18 1.69 0.00	29.84 1.45 0.00	26.72 1.10 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.90 -0.33 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.68 -0.64 0.00	18.43 -0.65 0.00	18.65 -0.58 0.00	20.23 -0.33 0.00	19.48 -0.46 0.00	19.11 -0.75 0.00	19.86 -0.64 0.00	21.54 -0.26 0.00	22.84 -0.11 0.00	24.16 -0.24 0.00	25.60 0.03 0.00	26.15 -0.86 0.00	26.68 -0.38 0.00	32.87 -0.40 0.00	38.44 -1.25 0.48	40.86 -1.10 0.31	35.79 -2.49 0.67	35.46 -2.50 0.55	31.91 -0.58 0.00	27.65 -0.74 0.00	25.21 -0.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.55 1.32 0.00	23.28 1.26 0.00	21.30 1.07 0.00	20.34 1.02 0.00	20.07 0.99 0.00	20.25 1.02 0.00	21.57 1.01 0.00	20.92 0.98 0.00	21.02 1.15 0.00	21.66 1.17 0.00	23.05 1.24 0.00	24.33 1.38 0.00	26.12 1.71 0.00	27.42 1.84 0.00	29.20 2.19 0.00	29.54 2.49 0.00	36.17 2.89 0.00	43.66 3.49 0.00	45.77 3.51 0.00	42.11 3.16 0.00	41.63 3.12 0.00	34.96 2.47 0.00	30.52 2.13 0.00	27.15 1.54 0.00
PEEKSKILL____ 23653	24.27 1.05 0.00	23.03 1.01 0.00	21.12 0.89 0.00	20.15 0.83 0.00	19.90 0.82 0.00	20.08 0.85 0.00	21.38 0.82 0.00	20.76 0.82 0.00	20.82 0.95 0.00	21.48 0.98 0.00	22.87 1.07 0.00	24.12 1.17 0.00	25.95 1.54 0.00	27.19 1.61 0.00	29.12 2.11 0.00	29.22 2.17 0.00	35.70 2.43 0.00	43.09 2.93 0.00	45.05 2.79 0.00	41.49 2.53 0.00	41.02 2.50 0.00	34.47 1.98 0.00	30.13 1.73 0.00	26.87 1.25 0.00

PGE MADISON___WINDPWR 24146	25.04 1.81 0.00	23.56 1.54 0.00	21.53 1.30 0.00	20.52 1.20 0.00	20.24 1.16 0.00	20.44 1.21 0.00	22.06 1.50 0.00	21.38 1.44 0.00	21.00 1.13 0.00	21.70 1.21 0.00	23.00 1.20 0.00	24.15 1.19 0.00	25.75 1.34 0.00	27.21 1.64 0.00	28.82 1.81 0.00	28.92 1.87 0.00	35.93 2.66 0.00	43.29 3.25 0.13	45.99 3.81 0.08	42.32 3.54 0.17	41.76 3.39 0.14	35.58 3.09 0.00	31.03 2.64 0.00	27.72 2.10 0.00
PIERCEFIELD___HYD 23852	22.46 -0.77 0.00	21.32 -0.70 0.00	19.54 -0.69 0.00	18.68 -0.64 0.00	18.77 -0.31 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.57 -0.30 0.00	20.31 -0.18 0.00	21.59 -0.22 0.00	22.75 -0.21 0.00	24.16 -0.24 0.00	25.35 -0.23 0.00	26.80 -0.22 0.00	26.49 -0.57 0.00	32.64 -0.63 0.00	39.48 -0.68 0.00	41.84 -0.42 0.00	38.57 -0.39 0.00	38.21 -0.31 0.00	32.13 -0.36 0.00	28.08 -0.31 0.00	25.59 -0.03 0.00
PINELAWN_CC_1 323563	29.05 1.67 -4.15	25.35 1.61 -1.72	23.85 1.46 -2.16	22.12 1.39 -1.40	20.54 1.35 -0.11	20.95 1.39 -0.34	21.92 1.36 0.00	21.10 1.16 0.00	21.34 1.47 0.00	22.04 1.54 -0.01	31.34 1.68 -7.85	32.95 1.81 -8.19	35.38 2.22 -8.75	39.42 2.12 -11.72	39.97 2.67 -10.28	43.31 2.65 -13.61	62.58 3.03 -26.28	54.36 3.62 -10.58	45.82 3.55 -0.01	45.00 3.23 -2.81	42.26 3.35 -0.40	36.94 2.66 -1.79	33.22 2.56 -2.27	31.41 1.97 -3.82
PJM_GEN_HTP_PROXY 323702	24.36 1.14 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.88 0.94 0.00	20.94 1.07 0.00	21.62 1.13 0.00	23.07 1.26 0.00	24.33 1.38 0.00	26.19 1.78 0.00	27.42 1.84 0.00	29.39 2.38 0.00	29.49 2.44 0.00	36.00 2.73 0.00	43.38 3.21 0.00	45.35 3.08 0.00	41.72 2.77 0.00	41.25 2.73 0.00	34.67 2.18 0.00	30.32 1.93 0.00	27.05 1.43 0.00
PJM_GEN_KEystone 24065	22.16 0.09 1.16	21.35 -0.07 0.60	20.19 -0.04 0.00	19.26 -0.06 0.00	19.00 -0.08 0.00	19.21 -0.02 0.00	20.60 0.04 0.00	19.96 0.02 0.00	19.77 -0.02 0.08	20.53 0.04 0.00	22.00 0.20 0.00	23.25 0.30 0.00	24.85 0.44 0.00	26.11 0.54 0.00	27.77 0.76 0.00	27.76 0.70 0.00	34.00 0.73 0.00	40.51 0.56 0.21	42.64 0.51 0.13	38.74 0.08 0.29	38.27 0.00 0.24	32.91 0.42 0.00	28.76 0.37 0.00	25.80 0.18 0.00
PJM_GEN_NEPTUNE_PROXY 323594	26.80 1.35 -2.22	24.24 1.30 -0.93	22.56 1.17 -1.16	21.19 1.12 -0.75	20.22 1.09 -0.06	20.53 1.11 -0.18	21.65 1.09 0.00	20.90 0.96 0.00	21.08 1.21 0.00	21.77 1.27 -0.01	27.41 1.40 -4.21	28.85 1.51 -4.38	31.00 1.91 -4.69	33.85 2.00 -6.28	35.06 2.54 -5.50	36.91 2.57 -7.29	50.27 2.93 -14.07	49.32 3.49 -5.67	45.65 3.38 -0.01	43.54 3.08 -1.51	41.77 3.04 -0.21	35.89 2.44 -0.96	31.74 2.13 -1.22	29.28 1.61 -2.05
PJM_GEN_VFT_PROXY 323633	24.27 1.05 0.00	23.06 1.04 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.91 0.84 0.00	20.12 0.89 0.00	21.42 0.86 0.00	20.82 0.88 0.00	20.90 1.03 0.00	21.58 1.09 0.00	23.02 1.22 0.00	24.26 1.31 0.00	26.14 1.73 0.00	27.37 1.79 0.00	29.34 2.32 0.00	29.44 2.38 0.00	35.90 2.63 0.00	43.21 3.05 0.00	45.14 2.88 0.00	41.56 2.61 0.00	41.06 2.54 0.00	34.60 2.11 0.00	30.30 1.90 0.00	27.00 1.38 0.00
PLATSBURG_115KV_PMLD1 355749	23.32 0.09 0.00	22.13 0.11 0.00	20.29 0.06 0.00	19.40 0.08 0.00	19.23 0.15 0.00	19.44 0.21 0.00	20.76 0.21 0.00	20.20 0.26 0.00	20.23 0.36 0.00	20.66 0.16 0.00	21.98 0.17 0.00	23.20 0.25 0.00	24.58 0.17 0.00	25.75 0.18 0.00	27.26 0.24 0.00	27.03 -0.03 0.00	33.40 0.13 0.00	40.44 0.28 0.00	43.74 1.48 0.00	40.08 1.13 0.00	39.59 1.08 0.00	33.21 0.71 0.00	29.05 0.65 0.00	26.41 0.79 0.00
PLEASANTVLY___LBMP 24000	24.16 0.93 0.00	22.95 0.92 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.84 0.76 0.00	20.02 0.79 0.00	21.32 0.76 0.00	20.70 0.76 0.00	20.74 0.87 0.00	21.35 0.86 0.00	22.72 0.92 0.00	23.94 0.99 0.00	25.73 1.32 0.00	26.96 1.38 0.00	28.63 1.62 0.00	28.89 1.84 0.00	35.40 2.13 0.00	42.69 2.53 0.00	44.72 2.45 0.00	41.21 2.26 0.00	40.75 2.23 0.00	34.25 1.75 0.00	29.95 1.56 0.00	26.72 1.10 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.32 1.09 0.00	23.10 1.08 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.82 0.88 0.00	20.88 1.01 0.00	21.54 1.05 0.00	22.94 1.13 0.00	24.19 1.24 0.00	26.02 1.61 0.00	27.26 1.69 0.00	28.96 1.94 0.00	29.27 2.22 0.00	35.80 2.53 0.00	43.18 3.01 0.00	45.18 2.92 0.00	41.60 2.65 0.00	41.13 2.62 0.00	34.57 2.08 0.00	30.24 1.85 0.00	26.95 1.33 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.32 1.09 0.00	23.10 1.08 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.13 0.90 0.00	21.44 0.88 0.00	20.82 0.88 0.00	20.88 1.01 0.00	21.54 1.05 0.00	22.94 1.13 0.00	24.19 1.24 0.00	26.02 1.61 0.00	27.26 1.69 0.00	28.96 1.94 0.00	29.27 2.22 0.00	35.80 2.53 0.00	43.18 3.01 0.00	45.18 2.92 0.00	41.60 2.65 0.00	41.13 2.62 0.00	34.57 2.08 0.00	30.24 1.85 0.00	26.95 1.33 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.30 1.07 0.00	23.06 1.03 0.00	21.16 0.93 0.00	20.21 0.89 0.00	19.95 0.88 0.00	20.10 0.87 0.00	21.42 0.86 0.00	20.78 0.84 0.00	20.82 0.95 0.00	21.44 0.94 0.00	22.76 0.96 0.00	23.99 1.03 0.00	25.82 1.42 0.00	27.06 1.48 0.00	28.80 1.78 0.00	29.08 2.03 0.00	35.67 2.40 0.00	43.01 2.85 0.00	45.10 2.83 0.00	41.56 2.61 0.00	41.09 2.58 0.00	34.51 2.01 0.00	30.18 1.79 0.00	26.92 1.31 0.00
POLETTI___ 23519	24.34 1.11 0.00	23.12 1.10 0.00	21.20 0.97 0.00	20.25 0.93 0.00	19.97 0.90 0.00	20.17 0.94 0.00	21.48 0.93 0.00	20.88 0.94 0.00	20.96 1.09 0.00	21.62 1.13 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.19 1.78 0.00	27.44 1.87 0.00	29.15 2.13 0.00	29.46 2.41 0.00	35.97 2.69 0.00	43.38 3.21 0.00	45.31 3.04 0.00	41.68 2.73 0.00	41.21 2.70 0.00	34.67 2.18 0.00	30.35 1.96 0.00	27.05 1.43 0.00
POMONA___ESR 323819	24.25 1.02 0.00	22.99 0.97 0.00	21.10 0.87 0.00	20.15 0.83 0.00	19.88 0.80 0.00	20.06 0.83 0.00	21.36 0.80 0.00	20.74 0.80 0.00	20.80 0.93 0.00	21.46 0.96 0.00	22.83 1.03 0.00	24.08 1.12 0.00	25.95 1.54 0.00	27.16 1.59 0.00	29.12 2.11 0.00	29.22 2.17 0.00	35.70 2.43 0.00	43.09 2.93 0.00	45.05 2.79 0.00	41.49 2.53 0.00	40.98 2.47 0.00	34.44 1.95 0.00	30.13 1.73 0.00	26.87 1.25 0.00
PORT_JEFF_3 23555	29.07 1.69 -4.15	25.40 1.65 -1.72	23.91 1.52 -2.16	22.19 1.47 -1.40	20.63 1.45 -0.11	21.05 1.48 -0.34	22.02 1.46 0.00	21.12 1.18 0.00	21.38 1.51 0.00	22.10 1.60 -0.01	31.38 1.72 -7.85	33.00 1.86 -8.19	35.43 2.27 -8.75	39.81 2.51 -11.72	40.42 3.13 -10.28	43.85 3.19 -13.61	63.12 3.56 -26.28	55.00 4.26 -10.58	46.50 4.23 -0.01	45.63 3.86 -2.81	42.84 3.93 -0.40	37.30 3.02 -1.79	33.25 2.58 -2.27	31.41 1.97 -3.82

PORT_JEFF_4 23616	29.07 1.69 -4.15	25.40 1.65 -1.72	23.91 1.52 -2.16	22.19 1.47 -1.40	20.63 1.45 -0.11	21.05 1.48 -0.34	22.02 1.46 0.00	21.12 1.18 0.00	21.38 1.51 0.00	22.10 1.60 -0.01	31.38 1.72 -7.85	33.00 1.86 -8.19	35.43 2.27 -8.75	39.81 2.51 -11.72	40.42 3.13 -10.28	43.85 3.19 -13.61	63.12 3.56 -26.28	55.00 4.26 -10.58	46.50 4.23 -0.01	45.63 3.86 -2.81	42.84 3.93 -0.40	37.30 3.02 -1.79	33.25 2.58 -2.27	31.41 1.97 -3.82
PORT_JEFF_IC 23713	29.06 1.70 -4.14	25.41 1.67 -1.72	23.92 1.54 -2.15	22.20 1.49 -1.40	20.65 1.47 -0.10	21.06 1.50 -0.33	22.04 1.48 0.00	21.12 1.18 0.00	21.40 1.53 0.00	22.13 1.64 0.00	31.39 1.74 -7.85	33.01 1.88 -8.18	35.45 2.29 -8.75	39.85 2.56 -11.71	40.23 2.94 -10.27	43.90 3.25 -13.60	63.07 3.53 -26.28	54.95 4.22 -10.57	46.45 4.18 0.00	45.54 3.78 -2.81	42.91 4.01 -0.39	37.33 3.05 -1.78	33.30 2.64 -2.27	31.41 1.97 -3.81
PPL PILGRIM_ST_GT1 24216	29.24 1.86 -4.15	25.55 1.81 -1.72	24.05 1.66 -2.16	22.31 1.58 -1.40	20.73 1.54 -0.11	21.16 1.60 -0.34	22.12 1.56 0.00	21.28 1.34 0.00	21.52 1.65 0.00	22.22 1.72 -0.01	31.53 1.88 -7.85	33.16 2.02 -8.19	35.60 2.44 -8.75	39.93 2.63 -11.72	40.56 3.27 -10.28	43.99 3.33 -13.61	63.28 3.73 -26.28	55.20 4.46 -10.58	46.71 4.44 -0.01	45.86 4.09 -2.81	43.11 4.20 -0.40	37.53 3.25 -1.79	33.48 2.81 -2.27	31.62 2.18 -3.82
PPL PILGRIM_ST_GT2 24217	29.24 1.86 -4.15	25.55 1.81 -1.72	24.05 1.66 -2.16	22.31 1.58 -1.40	20.73 1.54 -0.11	21.16 1.60 -0.34	22.12 1.56 0.00	21.28 1.34 0.00	21.52 1.65 0.00	22.22 1.72 -0.01	31.53 1.88 -7.85	33.16 2.02 -8.19	35.60 2.44 -8.75	39.93 2.63 -11.72	40.56 3.27 -10.28	43.99 3.33 -13.61	63.28 3.73 -26.28	55.20 4.46 -10.58	46.71 4.44 -0.01	45.86 4.09 -2.81	43.11 4.20 -0.40	37.53 3.25 -1.79	33.48 2.81 -2.27	31.62 2.18 -3.82
PPL_SHRM_GT3 24213	28.86 1.49 -4.15	25.22 1.48 -1.72	23.79 1.39 -2.16	22.12 1.39 -1.40	20.58 1.39 -0.11	20.97 1.40 -0.34	21.98 1.42 0.00	20.90 0.96 0.00	21.20 1.33 0.00	21.91 1.41 -0.01	31.18 1.53 -7.85	32.81 1.67 -8.19	35.26 2.10 -8.75	39.65 2.35 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.08 3.53 -26.28	55.00 4.26 -10.58	46.50 4.23 -0.01	45.63 3.86 -2.81	42.69 3.78 -0.40	37.14 2.86 -1.79	33.08 2.41 -2.27	31.21 1.77 -3.82
PPL_SHRM_GT4 24214	28.86 1.49 -4.15	25.22 1.48 -1.72	23.79 1.39 -2.16	22.12 1.39 -1.40	20.58 1.39 -0.11	20.97 1.40 -0.34	21.98 1.42 0.00	20.90 0.96 0.00	21.20 1.33 0.00	21.91 1.41 -0.01	31.18 1.53 -7.85	32.81 1.67 -8.19	35.26 2.10 -8.75	39.65 2.35 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.08 3.53 -26.28	55.00 4.26 -10.58	46.50 4.23 -0.01	45.63 3.86 -2.81	42.69 3.78 -0.40	37.14 2.86 -1.79	33.08 2.41 -2.27	31.21 1.77 -3.82
PROJECT___ORANGE 1 24174	23.16 -0.07 0.00	21.93 -0.09 0.00	20.13 -0.10 0.00	19.20 -0.12 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.50 -0.06 0.00	19.88 -0.06 0.00	19.73 -0.14 0.00	20.39 -0.10 0.00	21.74 -0.07 0.00	22.86 -0.09 0.00	24.21 -0.20 0.00	25.40 -0.18 0.00	26.69 -0.32 0.00	26.95 -0.11 0.00	33.17 -0.10 0.00	39.80 -0.12 0.24	41.99 -0.13 0.15	38.47 -0.16 0.33	38.05 -0.19 0.28	32.43 -0.06 0.00	28.31 -0.09 0.00	25.41 -0.20 0.00
PROJECT___ORANGE 2 24166	23.16 -0.07 0.00	21.93 -0.09 0.00	20.13 -0.10 0.00	19.20 -0.12 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.50 -0.06 0.00	19.88 -0.06 0.00	19.73 -0.14 0.00	20.39 -0.10 0.00	21.74 -0.07 0.00	22.86 -0.09 0.00	24.21 -0.20 0.00	25.40 -0.18 0.00	26.69 -0.32 0.00	26.95 -0.11 0.00	33.17 -0.10 0.00	39.80 -0.12 0.24	41.99 -0.13 0.15	38.47 -0.16 0.33	38.05 -0.19 0.28	32.43 -0.06 0.00	28.31 -0.09 0.00	25.41 -0.20 0.00
PUCKETT___SOLAR 323809	23.76 0.53 0.00	22.42 0.40 0.00	20.55 0.32 0.00	19.61 0.29 0.00	19.34 0.27 0.00	19.54 0.31 0.00	20.97 0.41 0.00	20.32 0.38 0.00	20.07 0.20 0.00	20.72 0.23 0.00	22.04 0.24 0.00	23.21 0.25 0.00	24.70 0.29 0.00	25.96 0.38 0.00	27.55 0.54 0.00	27.59 0.54 0.00	34.07 0.80 0.00	40.99 0.96 0.14	43.32 1.14 0.09	39.69 0.93 0.19	39.20 0.85 0.16	33.50 1.01 0.00	29.24 0.85 0.00	26.21 0.59 0.00
PYRITES___HYD 24023	22.92 -0.30 0.00	21.73 -0.29 0.00	19.93 -0.30 0.00	19.03 -0.29 0.00	19.06 -0.02 0.00	19.21 -0.02 0.00	20.54 -0.02 0.00	19.88 -0.06 0.00	19.79 -0.08 0.00	20.49 0.00 0.00	21.78 -0.02 0.00	22.93 -0.02 0.00	24.36 -0.05 0.00	25.55 -0.03 0.00	27.04 0.03 0.00	26.70 -0.35 0.00	32.94 -0.33 0.00	39.88 -0.28 0.00	42.31 0.04 0.00	39.11 0.16 0.00	38.74 0.23 0.00	32.59 0.10 0.00	28.48 0.09 0.00	25.98 0.36 0.00
QUAKERRD_115KV_BK1 80622	22.53 -0.70 0.00	21.12 -0.90 0.00	19.42 -0.81 0.00	18.53 -0.79 0.00	18.29 -0.78 0.00	18.44 -0.79 0.00	19.88 -0.68 0.00	19.28 -0.66 0.00	19.03 -0.83 0.00	19.73 -0.76 0.00	21.19 -0.61 0.00	22.36 -0.60 0.00	23.63 -0.78 0.00	24.86 -0.72 0.00	25.82 -1.19 0.00	26.19 -0.87 0.00	32.31 -0.96 0.00	38.11 -1.49 0.57	40.51 -1.39 0.36	36.77 -1.40 0.78	36.48 -1.39 0.65	31.68 -0.81 0.00	27.51 -0.88 0.00	24.77 -0.85 0.00
QUENSBRY_115KV_TB8 356137	25.15 1.93 0.00	23.89 1.87 0.00	21.91 1.68 0.00	20.91 1.58 0.00	20.43 1.35 0.00	20.58 1.35 0.00	21.96 1.40 0.00	21.10 1.16 0.00	21.16 1.29 0.00	21.66 1.17 0.00	22.94 1.13 0.00	24.19 1.24 0.00	25.92 1.51 0.00	27.14 1.56 0.00	28.90 1.89 0.00	29.33 2.27 0.00	36.13 2.86 0.00	43.34 3.17 0.00	45.77 3.51 0.00	42.34 3.39 0.00	42.02 3.50 0.00	35.42 2.92 0.00	31.06 2.67 0.00	27.74 2.13 0.00
RAMAPO___LBMP 323565	24.13 0.91 0.00	22.90 0.88 0.00	21.02 0.79 0.00	20.07 0.75 0.00	19.80 0.72 0.00	19.98 0.75 0.00	21.28 0.72 0.00	20.66 0.72 0.00	20.72 0.85 0.00	21.37 0.88 0.00	22.74 0.94 0.00	24.01 1.06 0.00	25.82 1.42 0.00	27.06 1.48 0.00	28.74 1.73 0.00	29.06 2.00 0.00	35.53 2.26 0.00	42.85 2.69 0.00	44.80 2.54 0.00	41.29 2.34 0.00	40.79 2.27 0.00	34.28 1.79 0.00	30.01 1.62 0.00	26.77 1.15 0.00
RANKINE____ 23646	22.85 -0.37 0.00	21.21 -0.81 0.00	19.54 -0.69 0.00	18.66 -0.66 0.00	18.39 -0.69 0.00	18.61 -0.62 0.00	20.21 -0.35 0.00	19.52 -0.42 0.00	19.11 -0.75 0.00	19.88 -0.61 0.00	21.56 -0.24 0.00	22.84 -0.11 0.00	24.12 -0.29 0.00	25.52 -0.05 0.00	26.04 -0.97 0.00	26.57 -0.49 0.00	32.74 -0.53 0.00	38.18 -1.49 0.49	40.68 -1.27 0.31	36.17 -2.10 0.68	35.83 -2.12 0.57	31.84 -0.65 0.00	27.60 -0.80 0.00	25.13 -0.49 0.00
RAVENSWOOD_GT2_1 24244	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00



RAVENSWOOD_GT2_2 24245	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00
RAVENSWOOD_GT2_3 24246	24.41 1.18 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.11 1.31 0.00	24.38 1.42 0.00	26.24 1.83 0.00	27.49 1.92 0.00	29.23 2.22 0.00	29.54 2.49 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.43 3.17 0.00	41.80 2.84 0.00	41.33 2.81 0.00	34.77 2.27 0.00	30.41 2.02 0.00	27.10 1.49 0.00
RAVENSWOOD_GT2_4 24247	24.41 1.18 0.00	23.19 1.17 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	21.00 1.13 0.00	21.68 1.19 0.00	23.11 1.31 0.00	24.38 1.42 0.00	26.24 1.83 0.00	27.49 1.92 0.00	29.23 2.22 0.00	29.54 2.49 0.00	36.07 2.79 0.00	43.46 3.29 0.00	45.43 3.17 0.00	41.80 2.84 0.00	41.33 2.81 0.00	34.77 2.27 0.00	30.41 2.02 0.00	27.10 1.49 0.00
RAVENSWOOD_GT3_1 24248	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.24 1.83 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.10 1.49 0.00
RAVENSWOOD_GT3_2 24249	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.92 0.98 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.24 1.83 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.10 1.49 0.00
RAVENSWOOD_GT3_3 24250	24.43 1.21 0.00	23.21 1.19 0.00	21.26 1.03 0.00	20.31 0.99 0.00	20.03 0.95 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.70 1.21 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.10 2.83 0.00	43.50 3.33 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.13 1.51 0.00
RAVENSWOOD_GT3_4 24251	24.43 1.21 0.00	23.21 1.19 0.00	21.26 1.03 0.00	20.31 0.99 0.00	20.03 0.95 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.70 1.21 0.00	23.16 1.35 0.00	24.40 1.45 0.00	26.26 1.86 0.00	27.52 1.94 0.00	29.25 2.24 0.00	29.57 2.52 0.00	36.10 2.83 0.00	43.50 3.33 0.00	45.48 3.21 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.04 0.00	27.13 1.51 0.00
RAVENSWOOD_GT_1 23729	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.31 1.90 0.00	27.57 1.99 0.00	29.10 2.32 0.24	28.20 2.60 1.45	36.13 2.86 0.00	43.58 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.40 2.89 0.00	34.83 2.34 0.00	30.47 2.07 0.00	27.15 1.54 0.00
RAVENSWOOD_GT_10 24258	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00
RAVENSWOOD_GT_11 24259	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00
RAVENSWOOD_GT_4 24252	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.64 1.15 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.21 1.81 0.00	27.44 1.87 0.00	29.36 2.16 -0.18	30.61 2.43 -1.12	36.03 2.76 0.00	43.42 3.25 0.00	45.35 3.09 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.08 1.46 0.00
RAVENSWOOD_GT_5 24254	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.64 1.15 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.21 1.81 0.00	27.44 1.87 0.00	29.36 2.16 -0.18	30.61 2.43 -1.12	36.03 2.76 0.00	43.42 3.25 0.00	45.35 3.09 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.08 1.46 0.00
RAVENSWOOD_GT_6 24253	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.64 1.15 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.21 1.81 0.00	27.44 1.87 0.00	29.36 2.16 -0.18	30.61 2.43 -1.12	36.03 2.76 0.00	43.42 3.25 0.00	45.35 3.09 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.08 1.46 0.00
RAVENSWOOD_GT_7 24255	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.64 1.15 0.00	23.09 1.29 0.00	24.33 1.38 0.00	26.21 1.81 0.00	27.44 1.87 0.00	29.36 2.16 -0.18	30.61 2.43 -1.12	36.03 2.76 0.00	43.42 3.25 0.00	45.35 3.09 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.08 1.46 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00

RAVENSWOOD_GT_9 24257	24.41 1.18 0.00	23.17 1.15 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.53 0.97 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.41 2.02 0.00	27.08 1.46 0.00
RAVENSWOOD___1 23533	24.50 1.28 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.31 1.91 0.00	27.57 2.00 0.00	29.58 2.57 0.00	29.65 2.60 0.00	36.13 2.86 0.00	43.57 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.40 2.89 0.00	34.83 2.34 0.00	30.44 2.05 0.00	27.15 1.54 0.00
RAVENSWOOD___2 23534	24.50 1.28 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.31 1.91 0.00	27.57 2.00 0.00	29.58 2.57 0.00	29.65 2.60 0.00	36.13 2.86 0.00	43.57 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.40 2.89 0.00	34.83 2.34 0.00	30.44 2.05 0.00	27.15 1.54 0.00
RAVENSWOOD___3 23535	24.41 1.18 0.00	23.17 1.14 0.00	21.24 1.01 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.19 0.96 0.00	21.53 0.97 0.00	20.92 0.98 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.11 1.31 0.00	24.35 1.40 0.00	26.24 1.83 0.00	27.47 1.89 0.00	29.44 2.43 0.00	29.54 2.49 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.80 2.84 0.00	41.32 2.81 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.10 1.49 0.00
RAVENSWOOD___4 23820	24.50 1.28 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.32 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.31 1.91 0.00	27.57 2.00 0.00	29.34 2.57 0.24	28.20 2.60 1.45	36.13 2.86 0.00	43.57 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.40 2.89 0.00	34.83 2.34 0.00	30.44 2.05 0.00	27.15 1.54 0.00
RCPI_TRUST___DRP 24196	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.08 1.46 0.00
RED___ROCHESTER 323720	23.09 -0.14 0.00	21.58 -0.44 0.00	19.85 -0.39 0.00	18.91 -0.41 0.00	18.67 -0.40 0.00	18.85 -0.38 0.00	20.31 -0.25 0.00	19.72 -0.22 0.00	19.45 -0.42 0.00	20.16 -0.33 0.00	21.72 -0.09 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.58 0.00 0.00	27.04 0.03 0.00	26.92 -0.13 0.00	33.17 -0.10 0.00	39.02 -0.56 0.58	41.51 -0.38 0.37	37.64 -0.51 0.81	37.38 -0.46 0.67	32.56 0.07 0.00	28.34 -0.06 0.00	25.44 -0.18 0.00
REGAN___SOLAR 323812	25.09 1.86 0.00	23.80 1.78 0.00	21.81 1.58 0.00	20.83 1.51 0.00	20.53 1.45 0.00	20.67 1.44 0.00	22.08 1.52 0.00	21.22 1.28 0.00	21.10 1.23 0.00	21.54 1.04 0.00	22.79 0.98 0.00	23.99 1.03 0.00	25.68 1.27 0.00	26.91 1.33 0.00	28.74 1.73 0.00	29.06 2.00 0.00	35.87 2.60 0.00	43.46 3.29 0.00	46.02 3.76 0.00	42.38 3.43 0.00	42.17 3.66 0.00	35.64 3.15 0.00	31.00 2.61 0.00	27.74 2.13 0.00
RENSSELAER___COGEN 23796	23.67 0.44 0.00	22.48 0.46 0.00	20.84 0.61 0.00	19.94 0.62 0.00	19.65 0.57 0.00	19.77 0.54 0.00	21.07 0.51 0.00	20.42 0.48 0.00	20.42 0.56 0.00	20.86 0.37 0.00	22.09 0.28 0.00	23.25 0.30 0.00	24.85 0.44 0.00	25.96 0.38 0.00	27.71 0.70 0.00	27.81 0.76 0.00	34.17 0.90 0.00	41.13 0.96 0.00	43.24 0.97 0.00	39.97 1.01 0.00	39.55 1.04 0.00	33.24 0.75 0.00	29.02 0.62 0.00	26.00 0.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	26.01 2.79 0.00	24.73 2.71 0.00	22.62 2.39 0.00	21.56 2.24 0.00	21.08 2.00 0.00	21.25 2.02 0.00	22.70 2.14 0.00	21.74 1.79 0.00	21.85 1.99 0.00	22.32 1.82 0.00	23.61 1.81 0.00	24.90 1.95 0.00	26.70 2.29 0.00	27.93 2.35 0.00	29.79 2.78 0.00	30.38 3.33 0.00	37.50 4.23 0.00	44.90 4.74 0.00	47.63 5.37 0.00	44.14 5.18 0.00	43.94 5.43 0.00	37.07 4.58 0.00	32.34 3.95 0.00	28.85 3.23 0.00
REVERE_CPPR_DRP 24186	23.88 0.65 0.00	22.55 0.53 0.00	20.68 0.45 0.00	19.71 0.39 0.00	19.46 0.38 0.00	19.61 0.38 0.00	21.05 0.49 0.00	20.42 0.48 0.00	20.23 0.36 0.00	20.94 0.45 0.00	22.26 0.46 0.00	23.37 0.41 0.00	24.87 0.46 0.00	26.14 0.56 0.00	27.55 0.54 0.00	27.73 0.68 0.00	34.30 1.03 0.00	41.39 1.33 0.09	43.73 1.52 0.06	40.30 1.48 0.13	39.83 1.43 0.11	33.76 1.27 0.00	29.42 1.02 0.00	26.39 0.77 0.00
REYNOLDS_115KV_TB3 80639	23.85 0.63 0.00	22.66 0.64 0.00	20.96 0.73 0.00	20.04 0.71 0.00	19.76 0.69 0.00	19.88 0.65 0.00	21.18 0.62 0.00	20.52 0.58 0.00	20.52 0.66 0.00	21.01 0.51 0.00	22.24 0.44 0.00	23.43 0.48 0.00	25.04 0.63 0.00	26.19 0.61 0.00	27.80 0.78 0.00	28.03 0.97 0.00	34.47 1.20 0.00	41.45 1.29 0.00	43.57 1.31 0.00	40.28 1.32 0.00	39.86 1.35 0.00	33.50 1.01 0.00	29.27 0.88 0.00	26.21 0.59 0.00
RIVERBAY____ 323610	24.62 1.39 0.00	23.36 1.34 0.00	21.44 1.21 0.00	20.44 1.12 0.00	20.16 1.09 0.00	20.31 1.08 0.00	21.59 1.03 0.00	20.96 1.02 0.00	21.04 1.17 0.00	21.74 1.25 0.00	23.22 1.42 0.00	24.44 1.49 0.00	26.34 1.93 0.00	27.62 2.05 0.00	29.42 2.40 0.00	29.76 2.71 0.00	36.23 2.96 0.00	43.74 3.57 0.00	45.69 3.42 0.00	42.03 3.08 0.00	41.52 3.00 0.00	34.93 2.44 0.00	30.64 2.24 0.00	27.36 1.74 0.00
RIVERSDE_115KV_TB3 55908	23.78 0.56 0.00	22.59 0.57 0.00	20.92 0.69 0.00	20.02 0.70 0.00	19.72 0.65 0.00	19.85 0.62 0.00	21.13 0.58 0.00	20.48 0.54 0.00	20.50 0.64 0.00	20.94 0.45 0.00	22.17 0.37 0.00	23.37 0.41 0.00	24.97 0.56 0.00	26.11 0.54 0.00	27.71 0.70 0.00	27.95 0.89 0.00	34.37 1.10 0.00	41.33 1.16 0.00	43.45 1.18 0.00	40.16 1.21 0.00	39.75 1.23 0.00	33.40 0.91 0.00	29.22 0.82 0.00	26.13 0.51 0.00
ROARING___BROOK_WT_PWR 323790	22.78 -0.44 0.00	21.62 -0.40 0.00	19.87 -0.36 0.00	18.99 -0.33 0.00	18.79 -0.29 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.64 -0.30 0.00	19.63 -0.24 0.00	20.31 -0.18 0.00	21.61 -0.20 0.00	22.75 -0.21 0.00	24.19 -0.22 0.00	25.35 -0.23 0.00	26.58 -0.43 0.00	26.62 -0.43 0.00	32.77 -0.50 0.00	39.60 -0.56 0.00	41.76 -0.51 0.00	38.45 -0.51 0.00	38.05 -0.46 0.00	32.07 -0.42 0.00	28.02 -0.37 0.00	25.41 -0.21 0.00

ROCHESRG_115KV_T4 355643	22.83 -0.39 0.00	21.38 -0.64 0.00	19.66 -0.57 0.00	18.76 -0.56 0.00	18.50 -0.57 0.00	18.67 -0.56 0.00	20.15 -0.41 0.00	19.56 -0.38 0.00	19.27 -0.60 0.00	19.98 -0.51 0.00	21.50 -0.31 0.00	22.70 -0.25 0.00	23.99 -0.41 0.00	25.24 -0.33 0.00	26.12 -0.89 0.00	26.54 -0.51 0.00	32.74 -0.53 0.00	38.44 -1.12 0.59	40.92 -0.97 0.38	37.12 -1.01 0.82	36.83 -1.00 0.68	32.07 -0.42 0.00	27.83 -0.57 0.00	25.11 -0.51 0.00
ROCHESTER_9_IC 23652	22.97 -0.26 0.00	21.49 -0.53 0.00	19.77 -0.47 0.00	18.86 -0.46 0.00	18.60 -0.48 0.00	18.77 -0.46 0.00	20.25 -0.31 0.00	19.64 -0.30 0.00	19.37 -0.50 0.00	20.08 -0.41 0.00	21.61 -0.20 0.00	22.81 -0.14 0.00	24.12 -0.29 0.00	25.40 -0.18 0.00	26.28 -0.73 0.00	26.70 -0.35 0.00	32.97 -0.30 0.00	38.77 -0.80 0.58	41.22 -0.68 0.37	37.40 -0.74 0.81	37.11 -0.73 0.67	32.33 -0.16 0.00	28.02 -0.37 0.00	25.28 -0.33 0.00
ROCKVIEW_13_KV_LD 356306	24.43 1.21 0.00	23.19 1.17 0.00	21.26 1.03 0.00	20.29 0.97 0.00	20.01 0.93 0.00	20.21 0.98 0.00	21.55 0.99 0.00	20.92 0.98 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.07 1.26 0.00	24.33 1.38 0.00	26.19 1.78 0.00	27.44 1.87 0.00	29.15 2.13 0.00	29.46 2.41 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.43 3.17 0.00	41.84 2.88 0.00	41.36 2.85 0.00	34.77 2.27 0.00	30.41 2.02 0.00	27.10 1.49 0.00
ROME____115KV_TB2 80656	23.88 0.65 0.00	22.55 0.53 0.00	20.68 0.45 0.00	19.71 0.39 0.00	19.46 0.38 0.00	19.61 0.38 0.00	21.05 0.49 0.00	20.42 0.48 0.00	20.23 0.36 0.00	20.94 0.45 0.00	22.26 0.46 0.00	23.37 0.41 0.00	24.87 0.46 0.00	26.14 0.56 0.00	27.55 0.54 0.00	27.73 0.68 0.00	34.30 1.03 0.00	41.39 1.33 0.09	43.73 1.52 0.06	40.30 1.48 0.13	39.83 1.43 0.11	33.76 1.27 0.00	29.42 1.02 0.00	26.39 0.77 0.00
ROSETON___1 23587	24.13 0.90 0.00	22.90 0.88 0.00	21.02 0.79 0.00	20.07 0.75 0.00	19.80 0.72 0.00	19.96 0.73 0.00	21.28 0.72 0.00	20.66 0.72 0.00	20.70 0.83 0.00	21.33 0.84 0.00	22.68 0.87 0.00	23.92 0.96 0.00	25.70 1.29 0.00	26.91 1.33 0.00	28.79 1.78 0.00	28.87 1.81 0.00	35.33 2.06 0.00	42.61 2.45 0.00	44.63 2.37 0.00	41.13 2.18 0.00	40.67 2.16 0.00	34.18 1.69 0.00	29.87 1.48 0.00	26.69 1.08 0.00
ROSETON___2 23588	24.13 0.90 0.00	22.90 0.88 0.00	21.02 0.79 0.00	20.07 0.75 0.00	19.80 0.72 0.00	19.96 0.73 0.00	21.28 0.72 0.00	20.66 0.72 0.00	20.70 0.83 0.00	21.33 0.84 0.00	22.68 0.87 0.00	23.92 0.96 0.00	25.70 1.29 0.00	26.91 1.33 0.00	28.79 1.78 0.00	28.87 1.81 0.00	35.33 2.06 0.00	42.61 2.45 0.00	44.63 2.37 0.00	41.13 2.18 0.00	40.67 2.16 0.00	34.18 1.69 0.00	29.87 1.48 0.00	26.69 1.08 0.00
ROTRDAM_115KV_TB3 80664	24.04 0.81 0.00	22.84 0.81 0.00	20.98 0.75 0.00	20.04 0.71 0.00	19.76 0.69 0.00	19.90 0.67 0.00	21.22 0.66 0.00	20.54 0.60 0.00	20.52 0.66 0.00	21.07 0.57 0.00	22.35 0.55 0.00	23.53 0.57 0.00	25.19 0.78 0.00	26.37 0.79 0.00	27.96 0.95 0.00	28.22 1.16 0.00	34.70 1.43 0.00	41.69 1.53 0.00	43.87 1.61 0.00	40.51 1.56 0.00	40.09 1.58 0.00	33.79 1.30 0.00	29.53 1.14 0.00	26.44 0.82 0.00
RUSSELL___1 23602	23.06 -0.16 0.00	21.58 -0.44 0.00	19.85 -0.38 0.00	18.92 -0.41 0.00	18.68 -0.40 0.00	18.83 -0.40 0.00	20.31 -0.25 0.00	19.72 -0.22 0.00	19.45 -0.42 0.00	20.17 -0.33 0.00	21.72 -0.09 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.55 -0.03 0.00	26.42 -0.59 0.00	26.86 -0.19 0.00	33.17 -0.10 0.00	39.02 -0.56 0.58	41.51 -0.38 0.37	37.64 -0.51 0.81	37.38 -0.46 0.67	32.56 0.06 0.00	28.19 -0.20 0.00	25.41 -0.20 0.00
RUSSELL___2 23532	23.06 -0.16 0.00	21.58 -0.44 0.00	19.85 -0.38 0.00	18.92 -0.41 0.00	18.68 -0.40 0.00	18.83 -0.40 0.00	20.31 -0.25 0.00	19.72 -0.22 0.00	19.45 -0.42 0.00	20.17 -0.33 0.00	21.72 -0.09 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.55 -0.03 0.00	26.42 -0.59 0.00	26.86 -0.19 0.00	33.17 -0.10 0.00	39.02 -0.56 0.58	41.51 -0.38 0.37	37.64 -0.51 0.81	37.38 -0.46 0.67	32.56 0.06 0.00	28.19 -0.20 0.00	25.41 -0.20 0.00
RUSSELL___3 23549	23.06 -0.16 0.00	21.58 -0.44 0.00	19.85 -0.38 0.00	18.92 -0.41 0.00	18.68 -0.40 0.00	18.83 -0.40 0.00	20.31 -0.25 0.00	19.72 -0.22 0.00	19.45 -0.42 0.00	20.17 -0.33 0.00	21.72 -0.09 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.55 -0.03 0.00	26.42 -0.59 0.00	26.86 -0.19 0.00	33.17 -0.10 0.00	39.02 -0.56 0.58	41.51 -0.38 0.37	37.64 -0.51 0.81	37.38 -0.46 0.67	32.56 0.06 0.00	28.19 -0.20 0.00	25.41 -0.20 0.00
RUSSELL___4 23556	23.06 -0.16 0.00	21.58 -0.44 0.00	19.85 -0.38 0.00	18.92 -0.41 0.00	18.68 -0.40 0.00	18.83 -0.40 0.00	20.31 -0.25 0.00	19.72 -0.22 0.00	19.45 -0.42 0.00	20.17 -0.33 0.00	21.72 -0.09 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.55 -0.03 0.00	26.42 -0.59 0.00	26.86 -0.19 0.00	33.17 -0.10 0.00	39.02 -0.56 0.58	41.51 -0.38 0.37	37.64 -0.51 0.81	37.38 -0.46 0.67	32.56 0.06 0.00	28.19 -0.20 0.00	25.41 -0.20 0.00
RUSSELL___STATION 23914	23.06 -0.16 0.00	21.58 -0.44 0.00	19.85 -0.38 0.00	18.92 -0.41 0.00	18.68 -0.40 0.00	18.83 -0.40 0.00	20.31 -0.25 0.00	19.72 -0.22 0.00	19.45 -0.42 0.00	20.17 -0.33 0.00	21.72 -0.09 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.55 -0.03 0.00	26.42 -0.59 0.00	26.86 -0.19 0.00	33.17 -0.10 0.00	39.02 -0.56 0.58	41.51 -0.38 0.37	37.64 -0.51 0.81	37.38 -0.46 0.67	32.56 0.06 0.00	28.19 -0.20 0.00	25.41 -0.20 0.00
S SALMON___HYD 24043	22.76 -0.46 0.00	21.56 -0.46 0.00	19.77 -0.46 0.00	18.86 -0.46 0.00	18.62 -0.46 0.00	18.77 -0.46 0.00	20.13 -0.43 0.00	19.52 -0.42 0.00	19.35 -0.52 0.00	20.04 -0.45 0.00	21.32 -0.48 0.00	22.38 -0.57 0.00	23.68 -0.73 0.00	24.86 -0.72 0.00	26.31 -0.70 0.00	26.35 -0.70 0.00	32.51 -0.76 0.00	39.56 -0.80 -0.21	41.68 -0.72 -0.13	38.69 -0.55 -0.28	38.21 -0.54 -0.24	32.07 -0.42 0.00	28.00 -0.40 0.00	25.11 -0.51 0.00
S.PERRY__115KV_TB1 80734	23.64 0.42 0.00	22.09 0.07 0.00	20.29 0.06 0.00	19.36 0.04 0.00	19.10 0.02 0.00	19.27 0.04 0.00	20.78 0.23 0.00	20.08 0.14 0.00	19.61 -0.26 0.00	20.21 -0.29 0.00	21.67 -0.13 0.00	22.88 -0.07 0.00	24.21 -0.20 0.00	25.50 -0.08 0.00	26.31 -0.70 0.00	26.78 -0.27 0.00	33.14 -0.13 0.00	39.43 -0.28 0.46	42.23 0.25 0.29	38.56 0.23 0.63	38.45 0.46 0.52	33.56 1.07 0.00	29.07 0.68 0.00	26.16 0.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.62 -0.60 0.00	20.99 -1.03 0.00	19.34 -0.89 0.00	18.47 -0.85 0.00	18.22 -0.86 0.00	18.42 -0.81 0.00	20.02 -0.53 0.00	19.34 -0.60 0.00	18.93 -0.93 0.00	19.67 -0.82 0.00	21.37 -0.44 0.00	22.59 -0.37 0.00	23.85 -0.56 0.00	25.22 -0.36 0.00	25.66 -1.35 0.00	26.22 -0.84 0.00	32.31 -0.96 0.00	37.64 -2.01 0.51	40.12 -1.82 0.33	35.83 -2.42 0.71	35.58 -2.35 0.59	31.48 -1.01 0.00	27.26 -1.14 0.00	24.82 -0.79 0.00

SAWYER___23_KV_LOAD 55526	22.62 -0.60 0.00	20.99 -1.03 0.00	19.34 -0.89 0.00	18.47 -0.85 0.00	18.22 -0.86 0.00	18.42 -0.81 0.00	20.02 -0.53 0.00	19.34 -0.60 0.00	18.93 -0.93 0.00	19.67 -0.82 0.00	21.37 -0.44 0.00	22.59 -0.37 0.00	23.85 -0.56 0.00	25.22 -0.36 0.00	25.66 -1.35 0.00	26.22 -0.84 0.00	32.31 -0.96 0.00	37.64 -2.01 0.51	40.12 -1.82 0.33	35.83 -2.42 0.71	35.58 -2.35 0.59	31.48 -1.01 0.00	27.26 -1.14 0.00	24.82 -0.79 0.00
SELKIRK___I 23801	23.85 0.63 0.00	22.66 0.64 0.00	20.94 0.71 0.00	20.04 0.72 0.00	19.76 0.69 0.00	19.88 0.65 0.00	21.20 0.64 0.00	20.50 0.56 0.00	20.46 0.60 0.00	20.88 0.39 0.00	22.09 0.28 0.00	23.25 0.30 0.00	24.85 0.44 0.00	25.96 0.38 0.00	27.71 0.70 0.00	27.84 0.79 0.00	34.27 1.00 0.00	41.25 1.08 0.00	43.49 1.23 0.00	40.20 1.25 0.00	39.82 1.31 0.00	33.50 1.01 0.00	29.24 0.85 0.00	26.23 0.61 0.00
SELKIRK___II 23799	23.72 0.49 0.00	22.53 0.51 0.00	20.82 0.59 0.00	19.92 0.60 0.00	19.63 0.55 0.00	19.75 0.52 0.00	21.05 0.49 0.00	20.42 0.48 0.00	20.40 0.54 0.00	20.88 0.39 0.00	22.13 0.33 0.00	23.32 0.37 0.00	24.92 0.51 0.00	26.06 0.48 0.00	27.80 0.78 0.00	27.89 0.84 0.00	34.27 1.00 0.00	41.21 1.04 0.00	43.32 1.06 0.00	40.04 1.09 0.00	39.59 1.08 0.00	33.30 0.81 0.00	29.10 0.71 0.00	26.08 0.46 0.00
SENECA OSWGO___HYD 24041	22.95 -0.28 0.00	21.73 -0.29 0.00	19.95 -0.28 0.00	19.03 -0.29 0.00	18.79 -0.29 0.00	18.94 -0.29 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.53 -0.34 0.00	20.19 -0.31 0.00	21.50 -0.31 0.00	22.61 -0.34 0.00	23.89 -0.51 0.00	25.06 -0.51 0.00	26.53 -0.49 0.00	26.59 -0.46 0.00	32.74 -0.53 0.00	39.93 -0.64 -0.42	41.90 -0.63 -0.26	38.95 -0.58 -0.58	38.42 -0.58 -0.48	32.04 -0.45 0.00	28.02 -0.37 0.00	25.13 -0.49 0.00
SENECA___115KV_TB3 355854	22.90 -0.33 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.68 -0.64 0.00	18.43 -0.65 0.00	18.65 -0.58 0.00	20.25 -0.31 0.00	19.54 -0.40 0.00	19.15 -0.72 0.00	19.90 -0.59 0.00	21.61 -0.20 0.00	22.86 -0.09 0.00	24.16 -0.24 0.00	25.58 0.00 0.00	26.09 -0.92 0.00	26.62 -0.43 0.00	32.81 -0.47 0.00	38.26 -1.41 0.49	40.77 -1.18 0.31	36.25 -2.03 0.68	35.91 -2.04 0.57	31.91 -0.58 0.00	27.65 -0.74 0.00	25.18 -0.44 0.00
SENECA___ENERGY 23797	23.18 -0.05 0.00	21.84 -0.18 0.00	20.05 -0.18 0.00	19.13 -0.19 0.00	18.87 -0.21 0.00	19.06 -0.17 0.00	20.48 -0.08 0.00	19.86 -0.08 0.00	19.63 -0.24 0.00	20.31 -0.18 0.00	21.70 -0.11 0.00	22.88 -0.07 0.00	24.24 -0.17 0.00	25.47 -0.10 0.00	26.99 -0.03 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	39.90 -0.12 0.15	42.13 -0.04 0.09	38.56 -0.19 0.20	38.15 -0.19 0.17	32.62 0.13 0.00	28.48 0.09 0.00	25.52 -0.10 0.00
SHOEMAKER___GT 23640	23.99 0.77 0.00	22.75 0.73 0.00	20.88 0.65 0.00	19.94 0.62 0.00	19.67 0.59 0.00	19.85 0.62 0.00	21.16 0.60 0.00	20.52 0.58 0.00	20.52 0.65 0.00	21.15 0.66 0.00	22.50 0.70 0.00	23.71 0.76 0.00	25.46 1.05 0.00	26.67 1.10 0.00	28.52 1.51 0.00	28.62 1.57 0.00	35.03 1.76 0.00	42.29 2.13 0.00	44.34 2.07 0.00	40.90 1.95 0.00	40.40 1.89 0.00	33.99 1.50 0.00	29.73 1.33 0.00	26.57 0.95 0.00
SHOEMAKR_138KV_BK 111 55601	23.99 0.77 0.00	22.75 0.73 0.00	20.88 0.65 0.00	19.94 0.62 0.00	19.67 0.59 0.00	19.85 0.62 0.00	21.16 0.60 0.00	20.52 0.58 0.00	20.54 0.68 0.00	21.17 0.68 0.00	22.50 0.70 0.00	23.73 0.78 0.00	25.48 1.07 0.00	26.70 1.13 0.00	28.36 1.35 0.00	28.62 1.57 0.00	35.07 1.80 0.00	42.33 2.17 0.00	44.34 2.07 0.00	40.90 1.95 0.00	40.40 1.89 0.00	33.99 1.49 0.00	29.73 1.33 0.00	26.57 0.95 0.00
SHOREHAM_IC_1 23715	28.86 1.49 -4.15	25.22 1.48 -1.72	23.79 1.39 -2.16	22.12 1.39 -1.40	20.58 1.39 -0.11	20.97 1.40 -0.34	21.98 1.42 0.00	20.90 0.96 0.00	21.20 1.33 0.00	21.91 1.41 -0.01	31.18 1.53 -7.85	32.81 1.67 -8.19	35.26 2.10 -8.75	39.65 2.35 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.08 3.53 -26.28	55.00 4.26 -10.58	46.50 4.23 -0.01	45.63 3.86 -2.81	42.69 3.78 -0.40	37.14 2.86 -1.79	33.08 2.41 -2.27	31.21 1.77 -3.82
SHOREHAM_IC_2 23716	28.86 1.49 -4.15	25.22 1.48 -1.72	23.79 1.39 -2.16	22.12 1.39 -1.40	20.58 1.39 -0.11	20.97 1.40 -0.34	21.98 1.42 0.00	20.90 0.96 0.00	21.20 1.33 0.00	21.91 1.41 -0.01	31.18 1.53 -7.85	32.81 1.67 -8.19	35.26 2.10 -8.75	39.65 2.35 -11.72	40.32 3.02 -10.28	43.74 3.08 -13.61	63.08 3.53 -26.28	55.00 4.26 -10.58	46.50 4.23 -0.01	45.63 3.86 -2.81	42.69 3.78 -0.40	37.14 2.86 -1.79	33.08 2.41 -2.27	31.21 1.77 -3.82
SISSONVILLE___ 23735	22.46 -0.77 0.00	21.32 -0.70 0.00	19.54 -0.69 0.00	18.68 -0.64 0.00	18.77 -0.31 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.57 -0.30 0.00	20.31 -0.18 0.00	21.59 -0.22 0.00	22.75 -0.21 0.00	24.16 -0.24 0.00	25.35 -0.23 0.00	26.80 -0.22 0.00	26.49 -0.57 0.00	32.64 -0.63 0.00	39.48 -0.68 0.00	41.84 -0.42 0.00	38.57 -0.39 0.00	38.21 -0.31 0.00	32.13 -0.36 0.00	28.08 -0.31 0.00	25.59 -0.03 0.00
SITHE_IND_GS1 24169	22.76 -0.46 0.00	21.56 -0.46 0.00	19.80 -0.43 0.00	18.91 -0.41 0.00	18.66 -0.42 0.00	18.83 -0.40 0.00	20.17 -0.39 0.00	19.56 -0.38 0.00	19.43 -0.44 0.00	20.06 -0.43 0.00	21.39 -0.41 0.00	22.47 -0.48 0.00	23.70 -0.71 0.00	24.83 -0.74 0.00	26.28 -0.73 0.00	26.32 -0.73 0.00	32.37 -0.90 0.00	35.10 -1.12 3.93	38.63 -1.14 2.50	32.41 -1.09 5.45	32.96 -1.04 4.52	31.68 -0.81 0.00	27.68 -0.71 0.00	24.87 -0.74 0.00
SITHE_IND_GS2 24170	22.76 -0.46 0.00	21.56 -0.46 0.00	19.80 -0.43 0.00	18.91 -0.41 0.00	18.66 -0.42 0.00	18.83 -0.40 0.00	20.17 -0.39 0.00	19.56 -0.38 0.00	19.43 -0.44 0.00	20.06 -0.43 0.00	21.39 -0.41 0.00	22.47 -0.48 0.00	23.70 -0.71 0.00	24.83 -0.74 0.00	26.28 -0.73 0.00	26.32 -0.73 0.00	32.37 -0.90 0.00	35.10 -1.12 3.93	38.63 -1.14 2.50	32.41 -1.09 5.45	32.96 -1.04 4.52	31.68 -0.81 0.00	27.68 -0.71 0.00	24.87 -0.74 0.00
SITHE_IND_GS3 24171	22.76 -0.46 0.00	21.56 -0.46 0.00	19.80 -0.43 0.00	18.91 -0.41 0.00	18.66 -0.42 0.00	18.83 -0.40 0.00	20.17 -0.39 0.00	19.56 -0.38 0.00	19.43 -0.44 0.00	20.06 -0.43 0.00	21.39 -0.41 0.00	22.47 -0.48 0.00	23.70 -0.71 0.00	24.83 -0.74 0.00	26.28 -0.73 0.00	26.32 -0.73 0.00	32.37 -0.90 0.00	35.10 -1.12 3.93	38.63 -1.14 2.50	32.41 -1.09 5.45	32.96 -1.04 4.52	31.68 -0.81 0.00	27.68 -0.71 0.00	24.87 -0.74 0.00
SITHE_IND_GS4 24172	22.76 -0.46 0.00	21.56 -0.46 0.00	19.80 -0.43 0.00	18.91 -0.41 0.00	18.66 -0.42 0.00	18.83 -0.40 0.00	20.17 -0.39 0.00	19.56 -0.38 0.00	19.43 -0.44 0.00	20.06 -0.43 0.00	21.39 -0.41 0.00	22.47 -0.48 0.00	23.70 -0.71 0.00	24.83 -0.74 0.00	26.28 -0.73 0.00	26.32 -0.73 0.00	32.37 -0.90 0.00	35.10 -1.12 3.93	38.63 -1.14 2.50	32.41 -1.09 5.45	32.96 -1.04 4.52	31.68 -0.81 0.00	27.68 -0.71 0.00	24.87 -0.74 0.00

SITHE___BATAVIA 24024	23.13 -0.09 0.00	21.47 -0.55 0.00	19.79 -0.45 0.00	18.86 -0.46 0.00	18.62 -0.46 0.00	18.83 -0.40 0.00	20.35 -0.21 0.00	19.72 -0.22 0.00	19.31 -0.56 0.00	20.02 -0.47 0.00	21.67 -0.13 0.00	22.91 -0.05 0.00	24.21 -0.20 0.00	25.63 0.05 0.00	27.04 0.03 0.00	26.81 -0.24 0.00	33.04 -0.23 0.00	38.70 -0.92 0.54	41.33 -0.59 0.35	37.19 -1.01 0.75	36.96 -0.92 0.63	32.56 0.07 0.00	28.34 -0.06 0.00	25.52 -0.10 0.00
SITHE___INDEPEND 23800	22.76 -0.46 0.00	21.56 -0.46 0.00	19.81 -0.42 0.00	18.92 -0.41 0.00	18.66 -0.42 0.00	18.81 -0.42 0.00	20.17 -0.39 0.00	19.56 -0.38 0.00	19.43 -0.44 0.00	20.06 -0.43 0.00	21.39 -0.41 0.00	22.47 -0.48 0.00	23.70 -0.71 0.00	24.83 -0.74 0.00	26.12 -0.89 0.00	26.30 -0.76 0.00	32.37 -0.90 0.00	35.10 -1.12 3.93	38.63 -1.14 2.50	32.41 -1.09 5.45	32.95 -1.04 4.52	31.68 -0.81 0.00	27.65 -0.74 0.00	24.87 -0.74 0.00
SITHE___MASSENA 23902	22.99 -0.23 0.00	21.82 -0.20 0.00	20.03 -0.20 0.00	19.15 -0.17 0.00	19.00 -0.08 0.00	19.15 -0.08 0.00	20.46 -0.10 0.00	19.84 -0.10 0.00	19.77 -0.10 0.00	20.45 -0.04 0.00	21.76 -0.04 0.00	22.91 -0.05 0.00	24.34 -0.07 0.00	25.50 -0.08 0.00	26.63 -0.38 0.00	26.68 -0.38 0.00	32.87 -0.40 0.00	39.72 -0.44 0.00	41.97 -0.29 0.00	38.64 -0.31 0.00	38.20 -0.31 0.00	32.20 -0.29 0.00	28.14 -0.26 0.00	25.67 0.05 0.00
SITHE___OGDNSBRG 24021	23.06 -0.16 0.00	21.87 -0.15 0.00	20.05 -0.18 0.00	19.17 -0.15 0.00	19.11 0.04 0.00	19.27 0.04 0.00	20.58 0.02 0.00	19.92 -0.02 0.00	19.81 -0.06 0.00	20.51 0.02 0.00	21.78 -0.02 0.00	22.93 -0.02 0.00	24.36 -0.05 0.00	25.55 -0.03 0.00	27.04 0.03 0.00	26.70 -0.35 0.00	32.94 -0.33 0.00	39.88 -0.28 0.00	42.31 0.04 0.00	39.07 0.12 0.00	38.71 0.19 0.00	32.59 0.10 0.00	28.48 0.09 0.00	25.98 0.36 0.00
SITHE___STERLING 23777	23.78 0.56 0.00	22.48 0.46 0.00	20.61 0.38 0.00	19.65 0.33 0.00	19.40 0.32 0.00	19.56 0.33 0.00	20.97 0.41 0.00	20.34 0.40 0.00	20.17 0.30 0.00	20.86 0.37 0.00	22.17 0.37 0.00	23.32 0.37 0.00	24.80 0.39 0.00	26.06 0.48 0.00	27.58 0.57 0.00	27.65 0.59 0.00	34.13 0.86 0.00	41.13 1.08 0.12	43.41 1.23 0.08	40.00 1.21 0.17	39.53 1.15 0.14	33.53 1.04 0.00	29.27 0.88 0.00	26.23 0.61 0.00
SLEIGHT__34_KV_TB1 80719	22.97 -0.26 0.00	21.58 -0.44 0.00	19.81 -0.42 0.00	18.90 -0.43 0.00	18.66 -0.42 0.00	18.81 -0.42 0.00	20.25 -0.31 0.00	19.66 -0.28 0.00	19.41 -0.46 0.00	20.12 -0.37 0.00	21.56 -0.24 0.00	22.75 -0.21 0.00	24.07 -0.34 0.00	25.32 -0.26 0.00	26.36 -0.65 0.00	26.73 -0.32 0.00	33.00 -0.27 0.00	39.15 -0.56 0.45	41.51 -0.46 0.29	37.82 -0.51 0.63	37.49 -0.50 0.52	32.36 -0.13 0.00	28.11 -0.28 0.00	25.28 -0.33 0.00
SOUTH CAIRO___GT 23612	24.39 1.16 0.00	23.14 1.12 0.00	21.42 1.19 0.00	20.54 1.22 0.00	20.22 1.14 0.00	20.31 1.08 0.00	21.63 1.07 0.00	20.86 0.92 0.00	20.82 0.95 0.00	21.11 0.61 0.00	22.22 0.41 0.00	23.32 0.37 0.00	25.02 0.61 0.00	26.16 0.59 0.00	27.93 0.92 0.00	28.27 1.22 0.00	34.87 1.60 0.00	42.17 2.01 0.00	44.67 2.41 0.00	41.45 2.49 0.00	41.09 2.58 0.00	34.54 2.05 0.00	30.10 1.70 0.00	26.92 1.31 0.00
SOUTH HAMPTN___IC 23720	29.26 1.88 -4.15	25.57 1.83 -1.72	24.11 1.72 -2.16	22.43 1.70 -1.40	20.88 1.70 -0.11	21.28 1.71 -0.34	22.31 1.75 0.00	21.24 1.30 0.00	21.60 1.73 0.00	22.32 1.82 -0.01	31.69 2.03 -7.85	33.41 2.27 -8.19	35.92 2.76 -8.75	40.39 3.09 -11.72	41.07 3.78 -10.28	44.50 3.84 -13.61	63.98 4.43 -26.28	56.05 5.30 -10.58	47.60 5.33 -0.01	46.56 4.79 -2.81	43.53 4.62 -0.40	37.85 3.57 -1.79	33.65 2.98 -2.27	31.67 2.23 -3.82
SOUTHDOW_115KV_TB1 355954	23.55 0.33 0.00	21.82 -0.20 0.00	20.11 -0.12 0.00	19.19 -0.14 0.00	18.92 -0.15 0.00	19.15 -0.08 0.00	20.78 0.23 0.00	20.10 0.16 0.00	19.71 -0.16 0.00	20.51 0.02 0.00	22.31 0.50 0.00	23.66 0.71 0.00	25.07 0.66 0.00	26.57 1.00 0.00	27.12 0.11 0.00	27.65 0.60 0.00	34.10 0.83 0.00	39.95 0.24 0.45	42.44 0.46 0.29	37.47 -0.86 0.63	37.07 -0.92 0.52	33.11 0.62 0.00	28.71 0.31 0.00	26.03 0.41 0.00
SOUTHOLD_69_KV_BK 2 55809	29.62 2.25 -4.14	25.94 2.20 -1.72	24.43 2.04 -2.15	22.75 2.03 -1.40	21.22 2.04 -0.10	21.64 2.08 -0.33	22.68 2.12 0.00	21.60 1.66 0.00	22.01 2.15 0.00	22.81 2.32 0.00	32.22 2.57 -7.85	34.02 2.89 -8.18	36.62 3.47 -8.75	41.20 3.91 -11.71	41.63 4.35 -10.27	45.25 4.60 -13.60	64.94 5.39 -26.28	57.12 6.39 -10.57	48.69 6.42 0.00	47.49 5.73 -2.81	44.37 5.47 -0.39	38.53 4.26 -1.78	34.24 3.58 -2.27	32.15 2.72 -3.81
SOUTHOLD___IC 23719	29.63 2.25 -4.15	25.95 2.20 -1.72	24.44 2.04 -2.16	22.75 2.03 -1.40	21.23 2.04 -0.11	21.64 2.08 -0.34	22.68 2.12 0.00	21.60 1.65 0.00	22.01 2.15 0.00	22.78 2.27 -0.01	32.23 2.57 -7.85	34.03 2.89 -8.19	36.63 3.46 -8.75	41.18 3.89 -11.72	41.94 4.65 -10.28	45.29 4.63 -13.61	64.94 5.39 -26.28	57.13 6.39 -10.58	48.69 6.42 -0.01	47.50 5.73 -2.81	44.38 5.47 -0.40	38.57 4.29 -1.79	34.22 3.55 -2.27	32.15 2.71 -3.82
SOUTH_FORK_WT_PWR 323839	29.61 2.23 -4.15	25.95 2.20 -1.72	24.46 2.06 -2.16	22.79 2.07 -1.40	21.27 2.08 -0.11	21.68 2.12 -0.34	22.74 2.18 0.00	21.66 1.72 0.00	22.07 2.21 0.00	22.86 2.36 -0.01	32.32 2.66 -7.85	34.15 3.01 -8.19	36.75 3.59 -8.75	41.29 3.99 -11.72	42.02 4.73 -10.28	45.31 4.65 -13.61	64.94 5.39 -26.28	57.09 6.34 -10.58	48.66 6.38 -0.01	47.46 5.69 -2.81	44.30 5.39 -0.40	38.50 4.22 -1.79	34.19 3.52 -2.27	32.13 2.69 -3.82
SPIERFLS_115KV_TB 1 80737	25.02 1.79 0.00	23.78 1.76 0.00	21.81 1.58 0.00	20.81 1.49 0.00	20.32 1.24 0.00	20.48 1.25 0.00	21.85 1.30 0.00	20.98 1.04 0.00	21.04 1.17 0.00	21.56 1.07 0.00	22.83 1.02 0.00	24.05 1.10 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.74 1.73 0.00	29.14 2.08 0.00	35.90 2.63 0.00	43.05 2.89 0.00	45.48 3.21 0.00	42.07 3.12 0.00	41.75 3.24 0.00	35.16 2.66 0.00	30.86 2.47 0.00	27.59 1.97 0.00
ST LAWRENCE____ 23600	22.85 -0.37 0.00	21.69 -0.33 0.00	19.93 -0.30 0.00	19.05 -0.27 0.00	18.85 -0.23 0.00	19.00 -0.23 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.63 -0.24 0.00	20.27 -0.22 0.00	21.56 -0.24 0.00	22.72 -0.23 0.00	24.14 -0.27 0.00	25.30 -0.28 0.00	26.42 -0.59 0.00	26.46 -0.60 0.00	32.57 -0.70 0.00	39.32 -0.85 0.00	41.55 -0.72 0.00	38.25 -0.70 0.00	37.82 -0.69 0.00	31.87 -0.62 0.00	27.85 -0.54 0.00	25.41 -0.21 0.00
STATE_CA_115KV_115_LB 55624	23.78 0.56 0.00	22.59 0.57 0.00	20.94 0.71 0.00	20.04 0.71 0.00	19.74 0.67 0.00	19.88 0.65 0.00	21.18 0.62 0.00	20.50 0.56 0.00	20.52 0.66 0.00	20.96 0.47 0.00	22.20 0.39 0.00	23.39 0.44 0.00	24.99 0.59 0.00	26.11 0.54 0.00	27.74 0.73 0.00	28.00 0.95 0.00	34.44 1.16 0.00	41.37 1.20 0.00	43.49 1.23 0.00	40.20 1.25 0.00	39.78 1.27 0.00	33.47 0.97 0.00	29.24 0.85 0.00	26.16 0.54 0.00

STATE_ST_34_KV_LOAD 55959	23.37 0.14 0.00	22.09 0.07 0.00	20.25 0.02 0.00	19.32 0.00 0.00	19.06 -0.02 0.00	19.23 0.00 0.00	20.64 0.08 0.00	20.04 0.10 0.00	19.83 -0.04 0.00	20.51 0.02 0.00	21.87 0.07 0.00	23.04 0.09 0.00	24.41 0.00 0.00	25.63 0.05 0.00	26.90 -0.11 0.00	27.19 0.14 0.00	33.57 0.30 0.00	40.48 0.32 0.00	42.65 0.38 0.00	39.27 0.31 0.00	38.82 0.31 0.00	32.88 0.39 0.00	28.68 0.28 0.00	25.72 0.10 0.00
STATION 5_MISC_HYD 23604	22.97 -0.25 0.00	21.47 -0.55 0.00	19.77 -0.46 0.00	18.86 -0.46 0.00	18.60 -0.48 0.00	18.79 -0.44 0.00	20.25 -0.31 0.00	19.64 -0.30 0.00	19.37 -0.50 0.00	20.08 -0.41 0.00	21.61 -0.20 0.00	22.82 -0.14 0.00	24.12 -0.29 0.00	25.45 -0.13 0.00	26.88 -0.13 0.00	26.76 -0.30 0.00	32.97 -0.30 0.00	38.78 -0.80 0.58	41.22 -0.68 0.37	37.40 -0.74 0.81	37.11 -0.73 0.67	32.33 -0.16 0.00	28.17 -0.23 0.00	25.28 -0.33 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.20 -0.02 0.00	21.78 -0.24 0.00	20.01 -0.22 0.00	19.09 -0.23 0.00	18.83 -0.25 0.00	18.98 -0.25 0.00	20.46 -0.10 0.00	19.86 -0.08 0.00	19.61 -0.26 0.00	20.33 -0.16 0.00	21.80 0.00 0.00	23.00 0.05 0.00	24.34 -0.07 0.00	25.63 0.05 0.00	26.63 -0.38 0.00	27.05 0.00 0.00	33.40 0.13 0.00	39.56 -0.16 0.44	41.99 0.00 0.28	38.19 -0.16 0.61	37.85 -0.15 0.51	32.75 0.26 0.00	28.45 0.06 0.00	25.57 -0.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.88 -0.35 0.00	21.40 -0.62 0.00	19.68 -0.55 0.00	18.78 -0.54 0.00	18.52 -0.55 0.00	18.69 -0.54 0.00	20.17 -0.39 0.00	19.56 -0.38 0.00	19.31 -0.56 0.00	20.02 -0.47 0.00	21.54 -0.26 0.00	22.72 -0.23 0.00	24.02 -0.39 0.00	25.29 -0.28 0.00	26.20 -0.81 0.00	26.62 -0.43 0.00	32.87 -0.40 0.00	38.66 -0.92 0.58	41.14 -0.76 0.37	37.30 -0.86 0.80	37.04 -0.81 0.66	32.20 -0.29 0.00	27.94 -0.45 0.00	25.18 -0.44 0.00
STA_56___34_KV_BUS2 355983	22.88 -0.35 0.00	21.40 -0.62 0.00	19.68 -0.55 0.00	18.78 -0.54 0.00	18.52 -0.55 0.00	18.69 -0.54 0.00	20.17 -0.39 0.00	19.56 -0.38 0.00	19.31 -0.56 0.00	20.02 -0.47 0.00	21.54 -0.26 0.00	22.72 -0.23 0.00	24.02 -0.39 0.00	25.29 -0.28 0.00	26.20 -0.81 0.00	26.62 -0.43 0.00	32.87 -0.40 0.00	38.66 -0.92 0.58	41.14 -0.76 0.37	37.30 -0.86 0.80	37.04 -0.81 0.66	32.20 -0.29 0.00	27.94 -0.45 0.00	25.18 -0.44 0.00
STA_67___115KV_BK2 355882	22.92 -0.30 0.00	21.45 -0.57 0.00	19.72 -0.51 0.00	18.82 -0.50 0.00	18.56 -0.52 0.00	18.73 -0.50 0.00	20.21 -0.35 0.00	19.62 -0.32 0.00	19.33 -0.54 0.00	20.04 -0.45 0.00	21.56 -0.24 0.00	22.77 -0.18 0.00	24.07 -0.34 0.00	25.35 -0.23 0.00	26.20 -0.81 0.00	26.65 -0.41 0.00	32.87 -0.40 0.00	38.65 -0.92 0.59	41.13 -0.76 0.37	37.29 -0.86 0.81	37.03 -0.81 0.67	32.23 -0.26 0.00	27.94 -0.45 0.00	25.21 -0.41 0.00
STA_7___115KV_9TRANS 80674	23.06 -0.16 0.00	21.58 -0.44 0.00	19.85 -0.38 0.00	18.92 -0.41 0.00	18.68 -0.40 0.00	18.83 -0.40 0.00	20.31 -0.25 0.00	19.72 -0.22 0.00	19.45 -0.42 0.00	20.17 -0.33 0.00	21.72 -0.09 0.00	22.93 -0.02 0.00	24.26 -0.15 0.00	25.55 -0.03 0.00	26.42 -0.59 0.00	26.86 -0.19 0.00	33.17 -0.10 0.00	39.02 -0.56 0.58	41.51 -0.38 0.37	37.64 -0.51 0.81	37.38 -0.46 0.67	32.56 0.06 0.00	28.19 -0.20 0.00	25.41 -0.20 0.00
STA_82___115KV_TB1 80780	22.92 -0.30 0.00	21.45 -0.57 0.00	19.72 -0.51 0.00	18.82 -0.50 0.00	18.56 -0.52 0.00	18.73 -0.50 0.00	20.21 -0.35 0.00	19.62 -0.32 0.00	19.33 -0.54 0.00	20.04 -0.45 0.00	21.59 -0.22 0.00	22.77 -0.18 0.00	24.07 -0.34 0.00	25.35 -0.23 0.00	26.23 -0.78 0.00	26.65 -0.41 0.00	32.87 -0.40 0.00	38.66 -0.92 0.58	41.14 -0.76 0.37	37.30 -0.86 0.80	37.04 -0.81 0.66	32.26 -0.23 0.00	27.97 -0.43 0.00	25.23 -0.38 0.00
STEEL___WIND 323596	22.88 -0.35 0.00	21.23 -0.79 0.00	19.56 -0.67 0.00	18.66 -0.66 0.00	18.41 -0.67 0.00	18.67 -0.56 0.00	20.23 -0.33 0.00	19.54 -0.40 0.00	19.13 -0.73 0.00	19.88 -0.61 0.00	21.59 -0.22 0.00	22.84 -0.11 0.00	24.14 -0.27 0.00	25.60 0.03 0.00	26.96 -0.05 0.00	26.65 -0.41 0.00	32.77 -0.50 0.00	38.23 -1.44 0.49	40.73 -1.23 0.31	36.21 -2.07 0.68	35.87 -2.08 0.57	31.87 -0.62 0.00	27.85 -0.54 0.00	25.18 -0.44 0.00
STEPHTWN_115KV_BK_2 55603	23.88 0.65 0.00	22.68 0.66 0.00	21.02 0.79 0.00	20.11 0.79 0.00	19.82 0.74 0.00	19.96 0.73 0.00	21.26 0.70 0.00	20.60 0.66 0.00	20.60 0.74 0.00	21.05 0.55 0.00	22.28 0.48 0.00	23.48 0.53 0.00	25.09 0.68 0.00	26.24 0.66 0.00	27.88 0.86 0.00	28.16 1.11 0.00	34.60 1.33 0.00	41.61 1.45 0.00	43.79 1.52 0.00	40.47 1.52 0.00	40.05 1.54 0.00	33.69 1.20 0.00	29.42 1.02 0.00	26.31 0.69 0.00
STEUBEN_REC_LFGE 323667	24.11 0.88 0.00	22.57 0.55 0.00	20.70 0.47 0.00	19.77 0.44 0.00	19.48 0.40 0.00	19.65 0.42 0.00	21.22 0.66 0.00	20.52 0.58 0.00	20.07 0.20 0.00	20.88 0.39 0.00	22.46 0.65 0.00	23.78 0.83 0.00	25.26 0.85 0.00	26.65 1.07 0.00	27.55 0.54 0.00	28.08 1.03 0.00	34.73 1.46 0.00	41.39 1.53 0.29	43.98 1.90 0.19	39.40 0.86 0.41	38.95 0.77 0.34	34.18 1.69 0.00	29.81 1.42 0.00	26.80 1.18 0.00
STILLWATER___SOLAR 323814	24.74 1.51 0.00	23.50 1.48 0.00	21.59 1.36 0.00	20.60 1.27 0.00	20.26 1.18 0.00	20.38 1.15 0.00	21.75 1.19 0.00	21.00 1.06 0.00	21.02 1.15 0.00	21.52 1.02 0.00	22.81 1.00 0.00	24.03 1.08 0.00	25.75 1.34 0.00	26.93 1.35 0.00	28.82 1.81 0.00	28.98 1.92 0.00	35.67 2.40 0.00	42.81 2.65 0.00	45.14 2.88 0.00	41.76 2.81 0.00	41.36 2.85 0.00	34.80 2.31 0.00	30.44 2.05 0.00	27.23 1.61 0.00
STONY___BROOK 24151	29.12 1.74 -4.15	25.44 1.70 -1.72	23.93 1.54 -2.16	22.21 1.49 -1.40	20.65 1.47 -0.11	21.07 1.50 -0.34	22.04 1.48 0.00	21.14 1.20 0.00	21.42 1.55 0.00	22.14 1.64 -0.01	31.42 1.77 -7.85	33.04 1.90 -8.19	35.53 2.37 -8.75	39.91 2.61 -11.72	40.56 3.27 -10.28	43.99 3.33 -13.61	63.22 3.66 -26.28	55.12 4.38 -10.58	46.63 4.35 -0.01	45.70 3.93 -2.81	42.99 4.08 -0.40	37.43 3.15 -1.79	33.33 2.67 -2.27	31.46 2.02 -3.82
STURGEON_POOL_HYD 23609	24.11 0.88 0.00	22.86 0.84 0.00	20.94 0.71 0.00	19.98 0.66 0.00	19.72 0.65 0.00	19.88 0.65 0.00	21.18 0.62 0.00	20.56 0.62 0.00	20.62 0.75 0.00	21.29 0.80 0.00	22.65 0.85 0.00	23.87 0.92 0.00	25.73 1.32 0.00	26.98 1.41 0.00	28.69 1.67 0.00	28.97 1.92 0.00	35.43 2.16 0.00	42.77 2.61 0.00	44.76 2.49 0.00	41.21 2.26 0.00	40.71 2.20 0.00	34.21 1.72 0.00	29.93 1.53 0.00	26.69 1.08 0.00
ST_LAW_115_BK7_LBMP 345037	22.83 -0.39 0.00	21.67 -0.35 0.00	19.91 -0.32 0.00	19.01 -0.31 0.00	18.83 -0.25 0.00	18.98 -0.25 0.00	20.27 -0.29 0.00	19.66 -0.28 0.00	19.63 -0.24 0.00	20.27 -0.22 0.00	21.54 -0.26 0.00	22.70 -0.25 0.00	24.12 -0.29 0.00	25.27 -0.31 0.00	26.39 -0.62 0.00	26.43 -0.62 0.00	32.54 -0.73 0.00	39.28 -0.88 0.00	41.46 -0.80 0.00	38.21 -0.74 0.00	37.78 -0.73 0.00	31.84 -0.65 0.00	27.83 -0.57 0.00	25.39 -0.23 0.00

ST_LAW_115_BK8_LBMP 345038	22.83 -0.39 0.00	21.67 -0.35 0.00	19.91 -0.32 0.00	19.01 -0.31 0.00	18.83 -0.25 0.00	18.98 -0.25 0.00	20.27 -0.29 0.00	19.66 -0.28 0.00	19.63 -0.24 0.00	20.27 -0.22 0.00	21.54 -0.26 0.00	22.70 -0.25 0.00	24.12 -0.29 0.00	25.27 -0.31 0.00	26.39 -0.62 0.00	26.43 -0.62 0.00	32.54 -0.73 0.00	39.28 -0.88 0.00	41.46 -0.80 0.00	38.21 -0.74 0.00	37.78 -0.73 0.00	31.84 -0.65 0.00	27.83 -0.57 0.00	25.39 -0.23 0.00
ST_LAW_230_BK5_LBMP 345035	22.85 -0.37 0.00	21.69 -0.33 0.00	19.93 -0.30 0.00	19.05 -0.27 0.00	18.85 -0.23 0.00	19.00 -0.23 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.63 -0.24 0.00	20.27 -0.22 0.00	21.56 -0.24 0.00	22.72 -0.23 0.00	24.14 -0.27 0.00	25.30 -0.28 0.00	26.42 -0.59 0.00	26.46 -0.60 0.00	32.57 -0.70 0.00	39.32 -0.85 0.00	41.55 -0.72 0.00	38.25 -0.70 0.00	37.82 -0.69 0.00	31.87 -0.62 0.00	27.85 -0.54 0.00	25.41 -0.21 0.00
ST_LAW_230_BK6_LBMP 345036	22.85 -0.37 0.00	21.69 -0.33 0.00	19.93 -0.30 0.00	19.05 -0.27 0.00	18.85 -0.23 0.00	19.00 -0.23 0.00	20.29 -0.27 0.00	19.68 -0.26 0.00	19.63 -0.24 0.00	20.27 -0.22 0.00	21.56 -0.24 0.00	22.72 -0.23 0.00	24.14 -0.27 0.00	25.30 -0.28 0.00	26.42 -0.59 0.00	26.46 -0.60 0.00	32.57 -0.70 0.00	39.32 -0.85 0.00	41.55 -0.72 0.00	38.25 -0.70 0.00	37.82 -0.69 0.00	31.87 -0.62 0.00	27.85 -0.54 0.00	25.41 -0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.09 0.86 0.00	22.86 0.84 0.00	20.96 0.73 0.00	20.02 0.70 0.00	19.76 0.69 0.00	19.92 0.69 0.00	21.24 0.68 0.00	20.60 0.66 0.00	20.64 0.77 0.00	21.29 0.80 0.00	22.63 0.83 0.00	23.87 0.92 0.00	25.68 1.27 0.00	26.91 1.33 0.00	28.61 1.59 0.00	28.89 1.84 0.00	35.37 2.10 0.00	42.65 2.49 0.00	44.63 2.37 0.00	41.14 2.18 0.00	40.63 2.12 0.00	34.18 1.69 0.00	29.90 1.50 0.00	26.69 1.08 0.00
SWANROAD_115KV_TB1 355699	22.25 -0.98 0.00	20.63 -1.39 0.00	19.02 -1.21 0.00	18.16 -1.16 0.00	17.89 -1.18 0.00	18.11 -1.12 0.00	19.70 -0.86 0.00	19.04 -0.90 0.00	18.62 -1.25 0.00	19.33 -1.17 0.00	21.00 -0.81 0.00	22.17 -0.78 0.00	23.38 -1.03 0.00	24.73 -0.84 0.00	25.12 -1.89 0.00	25.67 -1.38 0.00	31.64 -1.63 0.00	36.79 -2.85 0.53	39.31 -2.62 0.33	35.19 -3.04 0.73	34.94 -2.97 0.60	30.90 -1.59 0.00	26.72 -1.68 0.00	24.39 -1.23 0.00
SYNERGY___BIOGAS 323694	23.13 -0.09 0.00	21.47 -0.55 0.00	19.79 -0.45 0.00	18.86 -0.46 0.00	18.62 -0.46 0.00	18.83 -0.40 0.00	20.35 -0.21 0.00	19.72 -0.22 0.00	19.31 -0.56 0.00	20.02 -0.47 0.00	21.67 -0.13 0.00	22.91 -0.05 0.00	24.21 -0.20 0.00	25.63 0.05 0.00	27.04 0.03 0.00	26.81 -0.24 0.00	33.04 -0.23 0.00	38.70 -0.92 0.54	41.33 -0.59 0.35	37.19 -1.01 0.75	36.96 -0.92 0.63	32.56 -0.07 0.00	28.34 -0.06 0.00	25.52 -0.10 0.00
SYRACUSE___ENERGY_ST1 323597	23.25 0.02 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.02 -0.06 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.96 0.02 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	26.80 -0.22 0.00	27.05 0.00 0.00	33.34 0.07 0.00	40.24 0.08 0.00	42.35 0.08 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.56 0.06 0.00	28.45 0.06 0.00	25.54 -0.08 0.00
SYRACUSE___ENERGY_ST2 323598	23.25 0.02 0.00	22.04 0.02 0.00	20.21 -0.02 0.00	19.28 -0.04 0.00	19.02 -0.06 0.00	19.19 -0.04 0.00	20.58 0.02 0.00	19.96 0.02 0.00	19.81 -0.06 0.00	20.47 -0.02 0.00	21.80 0.00 0.00	22.95 0.00 0.00	24.31 -0.10 0.00	25.50 -0.08 0.00	26.80 -0.22 0.00	27.05 0.00 0.00	33.34 0.07 0.00	40.24 0.08 0.00	42.35 0.08 0.00	38.95 0.00 0.00	38.51 0.00 0.00	32.56 0.06 0.00	28.45 0.06 0.00	25.54 -0.08 0.00
SYRACUSE___POWER 24017	23.23 0.00 0.00	21.98 -0.04 0.00	20.17 -0.06 0.00	19.24 -0.08 0.00	18.98 -0.10 0.00	19.13 -0.10 0.00	20.52 -0.04 0.00	19.92 -0.02 0.00	19.75 -0.12 0.00	20.43 -0.06 0.00	21.76 -0.04 0.00	22.91 -0.05 0.00	24.26 -0.15 0.00	25.45 -0.13 0.00	26.77 -0.24 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	39.99 0.00 0.18	42.15 0.00 0.11	38.67 -0.04 0.24	38.27 -0.04 0.20	32.52 0.03 0.00	28.39 0.00 0.00	25.49 -0.13 0.00
TALLMAN___138KV_BK151 55660	24.20 0.98 0.00	22.97 0.95 0.00	21.08 0.85 0.00	20.11 0.79 0.00	19.86 0.78 0.00	20.02 0.79 0.00	21.34 0.78 0.00	20.72 0.78 0.00	20.78 0.91 0.00	21.44 0.94 0.00	22.81 1.00 0.00	24.08 1.12 0.00	25.92 1.51 0.00	27.16 1.59 0.00	28.88 1.86 0.00	29.16 2.11 0.00	35.67 2.40 0.00	43.01 2.85 0.00	44.97 2.70 0.00	41.45 2.49 0.00	40.94 2.43 0.00	34.41 1.92 0.00	30.13 1.73 0.00	26.85 1.23 0.00
TEALLAVE_115KV_TB7 355573	23.16 -0.07 0.00	21.93 -0.09 0.00	20.11 -0.12 0.00	19.19 -0.14 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.48 -0.08 0.00	19.88 -0.06 0.00	19.71 -0.16 0.00	20.39 -0.10 0.00	21.74 -0.07 0.00	22.86 -0.09 0.00	24.19 -0.22 0.00	25.37 -0.20 0.00	26.69 -0.32 0.00	26.92 -0.14 0.00	33.17 -0.10 0.00	39.81 -0.12 0.24	41.95 -0.17 0.15	38.43 -0.19 0.33	38.05 -0.19 0.27	32.39 -0.10 0.00	28.28 -0.11 0.00	25.39 -0.23 0.00
TELGRAPH_34_KV_EAST 80808	22.81 -0.42 0.00	21.14 -0.88 0.00	19.48 -0.75 0.00	18.61 -0.71 0.00	18.35 -0.72 0.00	18.54 -0.69 0.00	20.11 -0.45 0.00	19.46 -0.48 0.00	19.05 -0.81 0.00	19.80 -0.70 0.00	21.46 -0.35 0.00	22.70 -0.25 0.00	23.94 -0.46 0.00	25.32 -0.26 0.00	25.85 -1.16 0.00	26.38 -0.68 0.00	32.57 -0.70 0.00	37.98 -1.65 0.54	40.57 -1.35 0.34	36.42 -1.79 0.74	36.16 -1.73 0.62	31.91 -0.58 0.00	27.57 -0.82 0.00	25.05 -0.56 0.00
TEMPLE___115KV_TB 2 55572	23.16 -0.07 0.00	21.93 -0.09 0.00	20.13 -0.10 0.00	19.20 -0.12 0.00	18.94 -0.13 0.00	19.10 -0.13 0.00	20.50 -0.06 0.00	19.88 -0.06 0.00	19.73 -0.14 0.00	20.39 -0.10 0.00	21.74 -0.07 0.00	22.86 -0.09 0.00	24.21 -0.20 0.00	25.40 -0.18 0.00	26.69 -0.32 0.00	26.95 -0.11 0.00	33.17 -0.10 0.00	39.80 -0.12 0.24	41.99 -0.13 0.15	38.47 -0.16 0.33	38.05 -0.19 0.28	32.43 -0.06 0.00	28.31 -0.09 0.00	25.41 -0.20 0.00
TIANA____69_KV_BK 1 55817	29.16 1.79 -4.14	25.50 1.76 -1.72	24.02 1.64 -2.15	22.34 1.62 -1.40	20.80 1.62 -0.10	21.19 1.63 -0.33	22.22 1.67 0.00	21.16 1.22 0.00	21.50 1.63 0.00	22.26 1.76 0.00	31.57 1.92 -7.85	33.24 2.11 -8.18	35.74 2.59 -8.75	40.21 2.92 -11.71	40.63 3.35 -10.27	44.30 3.65 -13.60	63.77 4.23 -26.28	55.80 5.06 -10.57	47.34 5.07 0.00	46.32 4.56 -2.81	43.33 4.43 -0.39	37.68 3.41 -1.78	33.55 2.90 -2.27	31.56 2.13 -3.81
TILDEN___115KV_TB1 80814	23.23 0.00 0.00	21.98 -0.04 0.00	20.17 -0.06 0.00	19.24 -0.08 0.00	18.98 -0.10 0.00	19.13 -0.10 0.00	20.52 -0.04 0.00	19.92 -0.02 0.00	19.75 -0.12 0.00	20.43 -0.06 0.00	21.76 -0.04 0.00	22.91 -0.05 0.00	24.26 -0.15 0.00	25.45 -0.13 0.00	26.77 -0.24 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	39.99 0.00 0.18	42.15 0.00 0.11	38.67 -0.04 0.24	38.27 -0.04 0.20	32.52 0.03 0.00	28.39 0.00 0.00	25.49 -0.13 0.00

TRIGEN___CC 323695	28.81 1.44 -4.14	25.12 1.39 -1.72	23.62 1.23 -2.15	21.90 1.18 -1.40	20.32 1.14 -0.10	20.75 1.19 -0.33	21.71 1.15 0.00	20.98 1.04 0.00	21.16 1.29 0.00	21.87 1.37 0.00	31.13 1.48 -7.85	32.76 1.63 -8.18	35.18 2.03 -8.75	39.41 2.12 -11.71	39.69 2.40 -10.27	43.30 2.65 -13.60	62.61 3.06 -26.28	54.39 3.65 -10.57	45.81 3.55 0.00	44.99 3.23 -2.81	42.06 3.16 -0.39	36.87 2.60 -1.78	32.96 2.30 -2.27	31.17 1.74 -3.81
TRINITY___115KV___4 BK 55933	23.71 0.49 0.00	22.53 0.51 0.00	20.88 0.65 0.00	19.98 0.66 0.00	19.69 0.61 0.00	19.81 0.58 0.00	21.09 0.53 0.00	20.44 0.50 0.00	20.44 0.58 0.00	20.88 0.39 0.00	22.13 0.33 0.00	23.30 0.34 0.00	24.90 0.49 0.00	26.01 0.43 0.00	27.63 0.62 0.00	27.87 0.81 0.00	34.27 1.00 0.00	41.21 1.04 0.00	43.32 1.06 0.00	40.05 1.09 0.00	39.63 1.12 0.00	33.30 0.81 0.00	29.10 0.71 0.00	26.05 0.44 0.00
UNION___PROCESSING_DRP 323587	22.92 -0.30 0.00	21.45 -0.57 0.00	19.72 -0.51 0.00	18.82 -0.50 0.00	18.58 -0.50 0.00	18.73 -0.50 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.33 -0.54 0.00	20.06 -0.43 0.00	21.59 -0.22 0.00	22.79 -0.16 0.00	24.07 -0.34 0.00	25.37 -0.20 0.00	26.23 -0.78 0.00	26.65 -0.41 0.00	32.91 -0.37 0.00	38.70 -0.88 0.58	41.14 -0.76 0.37	37.34 -0.82 0.80	37.08 -0.77 0.66	32.26 -0.23 0.00	27.97 -0.43 0.00	25.23 -0.38 0.00
UPPER HUDSON___HYD 24058	25.02 1.79 0.00	23.78 1.76 0.00	21.81 1.58 0.00	20.81 1.49 0.00	20.32 1.24 0.00	20.46 1.23 0.00	21.85 1.30 0.00	20.98 1.04 0.00	21.04 1.17 0.00	21.56 1.06 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.93 1.92 0.00	29.17 2.11 0.00	35.90 2.63 0.00	43.06 2.89 0.00	45.48 3.21 0.00	42.07 3.12 0.00	41.75 3.24 0.00	35.12 2.63 0.00	30.84 2.44 0.00	27.59 1.97 0.00
UPPER RAQUET___HYD 24056	22.44 -0.79 0.00	21.32 -0.71 0.00	19.54 -0.69 0.00	18.68 -0.64 0.00	18.77 -0.31 0.00	18.94 -0.29 0.00	20.23 -0.33 0.00	19.62 -0.32 0.00	19.57 -0.30 0.00	20.31 -0.18 0.00	21.59 -0.22 0.00	22.75 -0.21 0.00	24.16 -0.24 0.00	25.35 -0.23 0.00	26.44 -0.57 0.00	26.46 -0.60 0.00	32.64 -0.63 0.00	39.48 -0.68 0.00	41.84 -0.42 0.00	38.57 -0.39 0.00	38.17 -0.35 0.00	32.17 -0.32 0.00	28.08 -0.31 0.00	25.59 -0.03 0.00
VALLEY44_115KV_TB2 355964	22.83 -0.39 0.00	21.25 -0.77 0.00	19.58 -0.65 0.00	18.70 -0.62 0.00	18.45 -0.63 0.00	18.65 -0.58 0.00	20.21 -0.35 0.00	19.48 -0.46 0.00	19.11 -0.75 0.00	19.86 -0.64 0.00	21.50 -0.31 0.00	22.81 -0.14 0.00	24.16 -0.24 0.00	25.52 -0.05 0.00	26.15 -0.86 0.00	26.68 -0.38 0.00	32.87 -0.40 0.00	38.64 -1.08 0.44	40.97 -1.01 0.28	35.85 -2.49 0.61	35.39 -2.62 0.51	31.94 -0.55 0.00	27.74 -0.65 0.00	25.21 -0.41 0.00
VALLEY___115KV_TB 1-4 80826	23.48 0.26 0.00	22.24 0.22 0.00	20.41 0.18 0.00	19.49 0.17 0.00	19.25 0.17 0.00	19.40 0.17 0.00	20.76 0.21 0.00	20.14 0.20 0.00	20.05 0.18 0.00	20.68 0.18 0.00	22.00 0.20 0.00	23.11 0.16 0.00	24.60 0.20 0.00	25.81 0.23 0.00	27.26 0.24 0.00	27.32 0.27 0.00	33.64 0.37 0.00	40.64 0.48 0.00	42.73 0.46 0.00	39.42 0.47 0.00	38.98 0.46 0.00	32.98 0.49 0.00	28.82 0.43 0.00	25.93 0.31 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	24.20 0.98 0.00	22.90 0.88 0.00	21.00 0.77 0.00	20.04 0.71 0.00	19.76 0.69 0.00	19.94 0.71 0.00	21.36 0.80 0.00	20.74 0.80 0.00	20.62 0.75 0.00	21.31 0.82 0.00	22.65 0.85 0.00	23.82 0.87 0.00	25.46 1.05 0.00	26.75 1.18 0.00	28.25 1.24 0.00	28.51 1.46 0.00	35.17 1.90 0.00	42.37 2.21 0.00	44.59 2.32 0.00	41.02 2.06 0.00	40.52 2.00 0.00	34.28 1.79 0.00	29.90 1.50 0.00	26.77 1.15 0.00
VISCHER___FERRY HYD 24020	24.22 1.00 0.00	23.01 0.99 0.00	21.18 0.95 0.00	20.23 0.91 0.00	19.95 0.88 0.00	20.06 0.83 0.00	21.38 0.82 0.00	20.72 0.78 0.00	20.72 0.85 0.00	21.23 0.74 0.00	22.48 0.68 0.00	23.69 0.73 0.00	25.36 0.95 0.00	26.50 0.92 0.00	28.34 1.32 0.00	28.41 1.35 0.00	34.97 1.70 0.00	42.05 1.89 0.00	44.21 1.95 0.00	40.90 1.95 0.00	40.48 1.96 0.00	34.02 1.53 0.00	29.73 1.33 0.00	26.62 1.00 0.00
V_A_10_SYNC_DSASP 323832	22.48 -0.74 0.00	20.92 -1.10 0.00	19.28 -0.95 0.00	18.39 -0.93 0.00	18.14 -0.93 0.00	18.38 -0.85 0.00	19.88 -0.68 0.00	19.28 -0.66 0.00	18.91 -0.95 0.00	19.63 -0.86 0.00	21.24 -0.57 0.00	22.43 -0.53 0.00	23.65 -0.76 0.00	24.99 -0.59 0.00	26.34 -0.67 0.00	26.11 -0.95 0.00	32.07 -1.20 0.00	37.46 -2.13 0.58	39.91 -1.99 0.37	36.09 -2.07 0.80	35.81 -2.04 0.66	31.35 -1.14 0.00	27.34 -1.05 0.00	24.67 -0.95 0.00
V_CMM_10_SYNC_DSASP 323787	22.90 -0.33 0.00	21.76 -0.26 0.00	19.97 -0.26 0.00	19.09 -0.23 0.00	18.89 -0.19 0.00	19.06 -0.17 0.00	20.33 -0.23 0.00	19.74 -0.20 0.00	19.69 -0.18 0.00	20.33 -0.16 0.00	21.63 -0.18 0.00	22.77 -0.18 0.00	24.21 -0.20 0.00	25.35 -0.23 0.00	26.47 -0.54 0.00	26.51 -0.54 0.00	32.67 -0.60 0.00	39.44 -0.72 0.00	41.63 -0.63 0.00	38.33 -0.62 0.00	37.94 -0.58 0.00	31.97 -0.52 0.00	27.94 -0.46 0.00	25.49 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	23.27 0.05 0.00	22.13 0.11 0.00	20.29 0.06 0.00	19.40 0.08 0.00	19.23 0.15 0.00	19.44 0.21 0.00	20.76 0.21 0.00	20.20 0.26 0.00	20.23 0.36 0.00	20.66 0.16 0.00	21.98 0.17 0.00	23.21 0.25 0.00	24.58 0.17 0.00	25.76 0.18 0.00	26.90 -0.11 0.00	27.00 -0.05 0.00	33.40 0.13 0.00	40.45 0.28 0.00	43.74 1.48 0.00	40.09 1.13 0.00	39.59 1.08 0.00	33.27 0.78 0.00	29.05 0.65 0.00	26.41 0.80 0.00
V_D_10_SYNC_DSASP 323841	22.99 -0.23 0.00	21.84 -0.18 0.00	20.05 -0.18 0.00	19.17 -0.16 0.00	19.00 -0.08 0.00	19.17 -0.06 0.00	20.46 -0.10 0.00	19.84 -0.10 0.00	19.77 -0.10 0.00	20.45 -0.04 0.00	21.76 -0.04 0.00	22.93 -0.02 0.00	24.34 -0.07 0.00	25.50 -0.08 0.00	26.63 -0.38 0.00	26.68 -0.38 0.00	32.91 -0.37 0.00	39.72 -0.44 0.00	41.97 -0.29 0.00	38.64 -0.31 0.00	38.20 -0.31 0.00	32.20 -0.29 0.00	28.14 -0.26 0.00	25.67 0.05 0.00
V_E_10_SYNC_DSASP 323830	25.04 1.81 0.00	23.56 1.54 0.00	21.53 1.30 0.00	20.52 1.20 0.00	20.24 1.16 0.00	20.44 1.21 0.00	22.06 1.50 0.00	21.38 1.44 0.00	21.00 1.13 0.00	21.70 1.21 0.00	23.00 1.20 0.00	24.15 1.19 0.00	25.75 1.34 0.00	27.21 1.64 0.00	28.82 1.81 0.00	28.92 1.87 0.00	35.93 2.66 0.00	43.29 3.25 0.13	45.99 3.81 0.08	42.32 3.54 0.17	41.76 3.39 0.14	35.58 3.09 0.00	31.03 2.64 0.00	27.72 2.10 0.00
V_F_30_NSYNC___DSASP 323816	24.78 1.56 0.00	23.54 1.52 0.00	21.63 1.39 0.00	20.64 1.31 0.00	20.28 1.20 0.00	20.42 1.19 0.00	21.79 1.23 0.00	21.02 1.08 0.00	21.06 1.19 0.00	21.56 1.06 0.00	22.85 1.05 0.00	24.08 1.12 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.87 1.86 0.00	29.06 2.00 0.00	35.77 2.50 0.00	42.93 2.77 0.00	45.27 3.00 0.00	41.84 2.88 0.00	41.48 2.97 0.00	34.90 2.40 0.00	30.49 2.10 0.00	27.31 1.69 0.00



V_F_30_SYNC_DSASP 323786	23.78 0.56 0.00	22.59 0.57 0.00	20.94 0.71 0.00	20.04 0.71 0.00	19.74 0.67 0.00	19.88 0.65 0.00	21.18 0.62 0.00	20.50 0.56 0.00	20.52 0.66 0.00	20.96 0.47 0.00	22.20 0.39 0.00	23.39 0.44 0.00	24.99 0.59 0.00	26.11 0.54 0.00	27.74 0.73 0.00	28.00 0.95 0.00	34.40 1.13 0.00	41.37 1.20 0.00	43.49 1.23 0.00	40.20 1.25 0.00	39.78 1.27 0.00	33.47 0.97 0.00	29.24 0.85 0.00	26.16 0.54 0.00
V_XM_10_SYNC_DSASP 323789	23.27 0.05 0.00	22.13 0.11 0.00	20.29 0.06 0.00	19.40 0.08 0.00	19.23 0.15 0.00	19.44 0.21 0.00	20.76 0.21 0.00	20.20 0.26 0.00	20.23 0.36 0.00	20.66 0.16 0.00	21.98 0.17 0.00	23.21 0.25 0.00	24.58 0.17 0.00	25.76 0.18 0.00	26.90 -0.11 0.00	27.00 -0.05 0.00	33.40 0.13 0.00	40.45 0.28 0.00	43.74 1.48 0.00	40.09 1.13 0.00	39.59 1.08 0.00	33.27 0.78 0.00	29.05 0.65 0.00	26.41 0.80 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.30 1.07 0.00	23.06 1.03 0.00	21.14 0.91 0.00	20.19 0.87 0.00	19.92 0.84 0.00	20.10 0.87 0.00	21.40 0.84 0.00	20.78 0.84 0.00	20.84 0.97 0.00	21.50 1.00 0.00	22.87 1.07 0.00	24.15 1.19 0.00	25.99 1.59 0.00	27.24 1.66 0.00	28.96 1.94 0.00	29.27 2.22 0.00	35.80 2.53 0.00	43.22 3.05 0.00	45.18 2.92 0.00	41.60 2.65 0.00	41.09 2.58 0.00	34.54 2.05 0.00	30.24 1.85 0.00	26.95 1.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.39 1.16 0.00	23.14 1.12 0.00	21.22 0.99 0.00	20.27 0.95 0.00	19.99 0.92 0.00	20.19 0.96 0.00	21.50 0.95 0.00	20.90 0.96 0.00	20.98 1.11 0.00	21.66 1.17 0.00	23.09 1.29 0.00	24.35 1.40 0.00	26.21 1.81 0.00	27.47 1.89 0.00	29.20 2.19 0.00	29.52 2.46 0.00	36.03 2.76 0.00	43.46 3.29 0.00	45.39 3.13 0.00	41.76 2.80 0.00	41.29 2.77 0.00	34.73 2.24 0.00	30.38 1.99 0.00	27.08 1.46 0.00
W50THST__13_KV_LOAD 356117	24.48 1.25 0.00	23.23 1.21 0.00	21.28 1.05 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.25 1.02 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.06 1.19 0.00	21.74 1.25 0.00	23.20 1.40 0.00	24.47 1.51 0.00	26.34 1.93 0.00	27.60 2.02 0.00	29.34 2.32 0.00	29.65 2.60 0.00	36.20 2.93 0.00	43.66 3.49 0.00	45.60 3.34 0.00	41.95 3.00 0.00	41.48 2.97 0.00	34.86 2.37 0.00	30.52 2.13 0.00	27.18 1.56 0.00
WADING RIVER_IC_1 23522	28.82 1.44 -4.15	25.18 1.43 -1.72	23.75 1.36 -2.16	22.08 1.35 -1.40	20.56 1.37 -0.11	20.95 1.39 -0.34	21.96 1.40 0.00	20.88 0.94 0.00	21.18 1.31 0.00	21.90 1.39 -0.01	31.16 1.50 -7.85	32.79 1.65 -8.19	35.24 2.07 -8.75	39.65 2.35 -11.72	40.29 3.00 -10.28	43.72 3.06 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.65 3.73 -0.40	37.07 2.79 -1.79	33.05 2.39 -2.27	31.16 1.72 -3.82
WADING RIVER_IC_2 23547	28.82 1.44 -4.15	25.18 1.43 -1.72	23.75 1.36 -2.16	22.08 1.35 -1.40	20.56 1.37 -0.11	20.95 1.39 -0.34	21.96 1.40 0.00	20.88 0.94 0.00	21.18 1.31 0.00	21.90 1.39 -0.01	31.16 1.50 -7.85	32.79 1.65 -8.19	35.24 2.07 -8.75	39.65 2.35 -11.72	40.29 3.00 -10.28	43.72 3.06 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.65 3.73 -0.40	37.07 2.79 -1.79	33.05 2.39 -2.27	31.16 1.72 -3.82
WADING RIVER_IC_3 23601	28.82 1.44 -4.15	25.18 1.43 -1.72	23.75 1.36 -2.16	22.08 1.35 -1.40	20.56 1.37 -0.11	20.95 1.39 -0.34	21.96 1.40 0.00	20.88 0.94 0.00	21.18 1.31 0.00	21.90 1.39 -0.01	31.16 1.50 -7.85	32.79 1.65 -8.19	35.24 2.07 -8.75	39.65 2.35 -11.72	40.29 3.00 -10.28	43.72 3.06 -13.61	63.05 3.49 -26.28	54.92 4.18 -10.58	46.42 4.14 -0.01	45.55 3.78 -2.81	42.65 3.73 -0.40	37.07 2.79 -1.79	33.05 2.39 -2.27	31.16 1.72 -3.82
WALDENNY_12_KV_BK2 80841	22.88 -0.35 0.00	21.21 -0.81 0.00	19.56 -0.67 0.00	18.66 -0.66 0.00	18.41 -0.67 0.00	18.63 -0.60 0.00	20.23 -0.33 0.00	19.54 -0.40 0.00	19.15 -0.72 0.00	19.90 -0.59 0.00	21.61 -0.20 0.00	22.86 -0.09 0.00	24.16 -0.24 0.00	25.60 0.03 0.00	26.07 -0.95 0.00	26.59 -0.46 0.00	32.81 -0.47 0.00	38.26 -1.41 0.50	40.77 -1.18 0.31	36.24 -2.03 0.69	35.94 -2.00 0.57	31.91 -0.58 0.00	27.63 -0.77 0.00	25.16 -0.46 0.00
WALDEN__HYDRO 24148	24.20 0.98 0.00	22.95 0.92 0.00	21.04 0.81 0.00	20.11 0.79 0.00	19.84 0.76 0.00	20.00 0.77 0.00	21.32 0.76 0.00	20.68 0.74 0.00	20.72 0.85 0.00	21.35 0.86 0.00	22.70 0.89 0.00	23.92 0.96 0.00	25.75 1.34 0.00	26.98 1.41 0.00	28.71 1.70 0.00	29.00 1.95 0.00	35.50 2.23 0.00	42.85 2.69 0.00	44.89 2.62 0.00	41.37 2.42 0.00	40.90 2.39 0.00	34.38 1.88 0.00	30.07 1.68 0.00	26.82 1.20 0.00
WARRENSBURG____ 23737	25.02 1.79 0.00	23.78 1.76 0.00	21.81 1.58 0.00	20.81 1.49 0.00	20.32 1.24 0.00	20.46 1.23 0.00	21.85 1.30 0.00	20.98 1.04 0.00	21.04 1.17 0.00	21.56 1.06 0.00	22.83 1.03 0.00	24.05 1.10 0.00	25.80 1.39 0.00	26.98 1.41 0.00	28.93 1.92 0.00	29.17 2.11 0.00	35.90 2.63 0.00	43.06 2.89 0.00	45.48 3.21 0.00	42.07 3.12 0.00	41.75 3.24 0.00	35.12 2.63 0.00	30.84 2.44 0.00	27.59 1.97 0.00
WATERSIDE____6 8 9 23538	24.48 1.25 0.00	23.23 1.21 0.00	21.30 1.07 0.00	20.33 1.00 0.00	20.05 0.97 0.00	20.23 1.00 0.00	21.55 0.99 0.00	20.94 1.00 0.00	21.02 1.15 0.00	21.72 1.23 0.00	23.20 1.40 0.00	24.44 1.49 0.00	26.31 1.90 0.00	27.57 1.99 0.00	29.10 2.32 0.24	28.20 2.60 1.45	36.13 2.86 0.00	43.58 3.41 0.00	45.52 3.25 0.00	41.88 2.92 0.00	41.40 2.89 0.00	34.83 2.34 0.00	30.47 2.07 0.00	27.15 1.54 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.39 0.16 0.00	22.15 0.13 0.00	20.35 0.12 0.00	19.44 0.12 0.00	19.19 0.11 0.00	19.35 0.12 0.00	20.68 0.12 0.00	20.06 0.12 0.00	19.97 0.10 0.00	20.62 0.12 0.00	21.91 0.11 0.00	23.04 0.09 0.00	24.53 0.12 0.00	25.70 0.13 0.00	27.15 0.14 0.00	27.24 0.19 0.00	33.54 0.27 0.00	40.52 0.36 0.00	42.65 0.38 0.00	39.34 0.39 0.00	38.86 0.35 0.00	32.85 0.36 0.00	28.71 0.31 0.00	25.82 0.20 0.00
WATSON__69_KV_BK 1 55734	29.37 2.00 -4.14	25.68 1.94 -1.72	24.15 1.76 -2.15	22.40 1.68 -1.40	20.84 1.66 -0.10	21.25 1.69 -0.33	22.22 1.67 0.00	21.34 1.40 0.00	21.62 1.75 0.00	22.36 1.86 0.00	31.66 2.01 -7.85	33.31 2.18 -8.18	35.81 2.66 -8.75	40.18 2.89 -11.71	40.58 3.30 -10.27	44.25 3.60 -13.60	63.71 4.16 -26.28	55.72 4.98 -10.57	47.25 4.99 0.00	46.28 4.52 -2.81	43.45 4.54 -0.39	37.81 3.54 -1.78	33.72 3.07 -2.27	31.76 2.33 -3.81
WDELAWARE__HYD 323627	24.34 1.11 0.00	23.06 1.04 0.00	21.10 0.87 0.00	20.15 0.83 0.00	19.90 0.82 0.00	20.06 0.83 0.00	21.38 0.82 0.00	20.74 0.80 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.74 0.94 0.00	23.94 0.99 0.00	25.77 1.37 0.00	27.06 1.48 0.00	28.98 1.97 0.00	29.08 2.03 0.00	35.67 2.40 0.00	43.09 2.93 0.00	45.18 2.91 0.00	41.64 2.69 0.00	41.17 2.66 0.00	34.60 2.11 0.00	30.27 1.87 0.00	27.03 1.41 0.00

WEST BABYLON___IC 23714	29.30 1.93 -4.14	25.59 1.85 -1.72	24.04 1.66 -2.15	22.30 1.58 -1.40	20.72 1.55 -0.10	21.16 1.60 -0.33	22.12 1.56 0.00	21.28 1.34 0.00	21.54 1.67 0.00	22.28 1.78 0.00	31.57 1.92 -7.85	33.22 2.09 -8.18	35.72 2.56 -8.75	39.97 2.69 -11.71	40.34 3.05 -10.27	43.98 3.33 -13.60	63.41 3.86 -26.28	55.36 4.62 -10.57	46.87 4.61 0.00	45.93 4.17 -2.81	43.10 4.20 -0.39	37.62 3.35 -1.78	33.61 2.95 -2.27	31.69 2.25 -3.81
WEST CANADA___HYD 24049	23.30 0.07 0.00	22.09 0.07 0.00	20.29 0.06 0.00	19.38 0.06 0.00	19.11 0.04 0.00	19.27 0.04 0.00	20.60 0.04 0.00	19.98 0.04 0.00	19.91 0.04 0.00	20.53 0.04 0.00	21.85 0.04 0.00	22.98 0.02 0.00	24.46 0.05 0.00	25.63 0.05 0.00	27.12 0.11 0.00	27.16 0.11 0.00	33.40 0.13 0.00	40.41 0.24 0.00	42.48 0.21 0.00	39.19 0.24 0.00	38.75 0.23 0.00	32.69 0.20 0.00	28.56 0.17 0.00	25.69 0.08 0.00
WESTERN_NY_WIND 24143	23.09 -0.14 0.00	21.43 -0.59 0.00	19.75 -0.49 0.00	18.84 -0.48 0.00	18.58 -0.50 0.00	18.77 -0.46 0.00	20.33 -0.23 0.00	19.68 -0.26 0.00	19.27 -0.60 0.00	20.00 -0.49 0.00	21.65 -0.15 0.00	22.88 -0.07 0.00	24.19 -0.22 0.00	25.55 -0.03 0.00	26.15 -0.86 0.00	26.70 -0.35 0.00	33.00 -0.27 0.00	38.62 -1.00 0.54	41.24 -0.68 0.34	37.11 -1.09 0.75	36.89 -1.00 0.62	32.49 0.00 0.00	28.08 -0.31 0.00	25.44 -0.18 0.00
WESTOVER___LESR 323668	23.41 0.19 0.00	22.09 0.07 0.00	20.27 0.04 0.00	19.36 0.04 0.00	19.10 0.02 0.00	19.27 0.04 0.00	20.68 0.12 0.00	20.06 0.12 0.00	19.87 0.00 0.00	20.53 0.04 0.00	21.94 0.13 0.00	23.16 0.21 0.00	24.63 0.22 0.00	25.86 0.28 0.00	27.07 0.05 0.00	27.41 0.35 0.00	33.74 0.47 0.00	40.41 0.40 0.15	42.63 0.46 0.10	38.90 0.16 0.21	38.45 0.12 0.18	32.91 0.42 0.00	28.71 0.31 0.00	25.80 0.18 0.00
WETHRSFD_WT_PWR 323626	22.90 -0.33 0.00	21.32 -0.71 0.00	19.62 -0.61 0.00	18.72 -0.60 0.00	18.46 -0.61 0.00	18.71 -0.52 0.00	20.23 -0.33 0.00	19.56 -0.38 0.00	19.19 -0.68 0.00	19.92 -0.57 0.00	21.54 -0.26 0.00	22.79 -0.16 0.00	24.12 -0.29 0.00	25.50 -0.08 0.00	26.88 -0.13 0.00	26.68 -0.38 0.00	32.77 -0.50 0.00	38.48 -1.25 0.44	40.93 -1.05 0.28	36.63 -1.71 0.61	36.32 -1.69 0.50	32.01 -0.49 0.00	27.94 -0.46 0.00	25.21 -0.41 0.00
WHAVSTOR_138KV_BK127 55557	24.20 0.98 0.00	22.97 0.95 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.84 0.76 0.00	20.02 0.79 0.00	21.32 0.76 0.00	20.70 0.76 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.81 1.00 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.14 1.56 0.00	28.82 1.81 0.00	29.14 2.08 0.00	35.63 2.36 0.00	42.97 2.81 0.00	44.93 2.66 0.00	41.37 2.42 0.00	40.90 2.39 0.00	34.38 1.88 0.00	30.10 1.70 0.00	26.82 1.20 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.20 0.98 0.00	22.97 0.95 0.00	21.06 0.83 0.00	20.11 0.79 0.00	19.84 0.76 0.00	20.02 0.79 0.00	21.32 0.76 0.00	20.70 0.76 0.00	20.76 0.89 0.00	21.42 0.92 0.00	22.81 1.00 0.00	24.05 1.10 0.00	25.90 1.49 0.00	27.14 1.56 0.00	28.82 1.81 0.00	29.14 2.08 0.00	35.63 2.36 0.00	42.97 2.81 0.00	44.93 2.66 0.00	41.37 2.42 0.00	40.90 2.39 0.00	34.38 1.88 0.00	30.10 1.70 0.00	26.82 1.20 0.00
WHITEHAL_115KV_TB1 80871	25.39 2.16 0.00	24.13 2.11 0.00	22.11 1.88 0.00	21.10 1.78 0.00	20.62 1.55 0.00	20.79 1.56 0.00	22.18 1.62 0.00	21.28 1.34 0.00	21.36 1.49 0.00	21.85 1.35 0.00	23.13 1.33 0.00	24.38 1.42 0.00	26.12 1.71 0.00	27.34 1.76 0.00	29.15 2.13 0.00	29.60 2.54 0.00	36.50 3.23 0.00	43.78 3.61 0.00	46.32 4.06 0.00	42.89 3.93 0.00	42.63 4.12 0.00	35.94 3.44 0.00	31.43 3.04 0.00	28.08 2.46 0.00
WHITEPLN_13_KV_LOAD 356215	24.55 1.32 0.00	23.30 1.28 0.00	21.34 1.11 0.00	20.36 1.04 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.63 1.07 0.00	20.98 1.04 0.00	21.06 1.19 0.00	21.74 1.25 0.00	23.13 1.33 0.00	24.40 1.45 0.00	26.29 1.88 0.00	27.55 1.97 0.00	29.28 2.27 0.00	29.60 2.54 0.00	36.23 2.96 0.00	43.70 3.53 0.00	45.69 3.42 0.00	42.07 3.12 0.00	41.63 3.12 0.00	34.96 2.47 0.00	30.58 2.19 0.00	27.26 1.64 0.00
WM_FLOYD_69_KV_BK2 356380	29.04 1.67 -4.14	25.39 1.65 -1.72	23.90 1.52 -2.15	22.20 1.49 -1.40	20.67 1.49 -0.10	21.08 1.52 -0.33	22.08 1.52 0.00	21.06 1.12 0.00	21.36 1.49 0.00	22.07 1.58 0.00	31.33 1.68 -7.85	32.97 1.84 -8.18	35.40 2.25 -8.75	39.82 2.53 -11.71	40.20 2.92 -10.27	43.90 3.25 -13.60	63.27 3.73 -26.28	55.23 4.50 -10.57	46.74 4.48 0.00	45.85 4.09 -2.81	42.95 4.04 -0.39	37.36 3.09 -1.78	33.30 2.64 -2.27	31.38 1.95 -3.81
WOODARD___115KV_TB2 355635	23.11 -0.12 0.00	21.91 -0.11 0.00	20.09 -0.14 0.00	19.19 -0.14 0.00	18.92 -0.15 0.00	19.08 -0.15 0.00	20.46 -0.10 0.00	19.92 -0.02 0.00	19.77 -0.10 0.00	20.43 -0.06 0.00	21.78 -0.02 0.00	22.91 -0.05 0.00	24.26 -0.15 0.00	25.45 -0.13 0.00	26.77 -0.24 0.00	27.00 -0.05 0.00	33.27 0.00 0.00	40.01 0.00 0.16	41.91 -0.25 0.10	38.46 -0.27 0.22	38.06 -0.27 0.18	32.33 -0.16 0.00	28.22 -0.17 0.00	25.36 -0.26 0.00
YORK___WARBASSE 23770	24.60 1.37 0.00	23.34 1.32 0.00	21.36 1.13 0.00	20.38 1.06 0.00	20.09 1.01 0.00	20.29 1.06 0.00	21.59 1.03 0.00	20.98 1.04 0.00	21.08 1.21 0.00	21.80 1.31 0.00	23.31 1.50 0.00	24.54 1.58 0.00	26.46 2.05 0.00	27.72 2.15 0.00	33.29 2.51 -3.76	52.97 2.79 -23.13	36.37 3.09 0.00	43.82 3.65 0.00	45.73 3.47 0.00	42.07 3.12 0.00	41.59 3.08 0.00	35.06 2.57 0.00	30.52 2.13 0.00	27.21 1.59 0.00