

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$															--- Marginal Cost of Losses										--- Marginal Cost of Congestion										08/09/2023		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00														
59TH STREET_GT_1	24138	24.52	22.33	20.16	18.75	17.97	19.14	21.39	22.81	23.98	24.55	24.82	26.06	26.88	28.57	30.51	31.85	39.98	43.12	43.11	39.59	34.02	31.58	27.32	25.14														
		1.94	1.62	1.39	1.21	1.11	1.20	1.45	1.79	2.12	2.21	2.30	2.37	2.49	2.60	2.87	2.87	3.75	4.55	4.38	3.17	2.61	2.53	2.23	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	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_1	24260	24.57	22.37	20.18	18.79	17.99	19.14	21.39	22.81	23.98	24.55	24.79	26.11	26.88	28.62	30.53	31.91	39.98	43.08	43.11	39.63	34.02	31.61	27.35	25.19														
		1.99	1.66	1.41	1.25	1.13	1.20	1.46	1.79	2.12	2.21	2.27	2.42	2.49	2.65	2.90	2.93	3.75	4.51	4.38	3.21	2.61	2.56	2.26	2.10														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
74TH STREET_GT_2	24261	24.57	22.37	20.18	18.79	17.99	19.14	21.39	22.81	23.98	24.55	24.79	26.11	26.88	28.62	30.53	31.91	39.98	43.08	43.11	39.63	34.02	31.61	27.35	25.19														
		1.99	1.66	1.41	1.25	1.13	1.20	1.46	1.79	2.12	2.21	2.27	2.42	2.49	2.65	2.90	2.93	3.75	4.51	4.38	3.21	2.61	2.56	2.26	2.10														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK HUDSON___FALLS	24011	24.03	21.87	19.78	18.42	17.76	18.92	21.15	22.33	23.33	23.79	23.78	25.04	25.54	27.32	29.15	30.58	37.93	41.15	41.76	39.08	33.77	31.38	26.90	24.64														
		1.45	1.16	1.01	0.88	0.89	0.99	1.22	1.30	1.46	1.45	1.26	1.35	1.15	1.35	1.52	1.59	2.02	2.58	3.02	2.66	2.36	2.32	1.81	1.55														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK RESOURCE___RCVRY	23798	24.14	21.97	19.87	18.49	17.84	19.01	21.27	22.46	23.46	23.95	23.89	25.19	25.66	27.45	29.32	30.72	38.15	41.42	42.07	39.41	34.05	31.64	27.07	24.77														
		1.56	1.26	1.11	0.95	0.98	1.08	1.34	1.43	1.60	1.61	1.37	1.49	1.27	1.48	1.69	1.74	2.24	2.85	3.33	2.99	2.64	2.58	1.98	1.68														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK S GLENS___FALLS	24028	24.03	21.87	19.78	18.42	17.76	18.92	21.15	22.33	23.33	23.79	23.78	25.04	25.54	27.32	29.15	30.58	37.93	41.15	41.76	39.08	33.77	31.38	26.90	24.64														
		1.45	1.16	1.01	0.88	0.89	0.99	1.22	1.30	1.46	1.45	1.26	1.35	1.15	1.35	1.52	1.59	2.02	2.58	3.02	2.66	2.36	2.32	1.81	1.55														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ADK_NYS___DAM	23527	23.94	21.85	19.78	18.46	17.74	18.88	21.03	22.25	23.26	23.75	23.91	25.14	25.86	27.56	29.26	30.67	37.78	41.15	41.37	38.46	33.21	30.71	26.52	24.40														
		1.35	1.14	1.01	0.91	0.88	0.95	1.10	1.22	1.40	1.41	1.40	1.45	1.46	1.58	1.63	1.68	2.06	2.58	2.64	2.04	1.79	1.66	1.43	1.32														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
AIR_PRODUCTS___DRP	24190	23.17	21.15	19.12	17.91	17.22	18.31	20.37	21.55	22.48	22.96	23.13	24.33	25.03	26.70	28.41	29.77	36.98	39.96	40.17	37.40	32.26	29.84	25.72	23.64														
		0.59	0.43	0.36	0.37	0.35	0.38	0.44	0.53	0.61	0.63	0.61	0.64	0.63	0.73	0.77	0.78	1.05	1.39	1.43	0.98	0.85	0.78	0.63	0.55														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
AKWESSNE_115KV_BK	355683	21.90	20.21	18.37	17.18	16.49	17.50	19.35	20.40	21.19	21.65	21.82	22.91	23.56	25.11	26.72	28.00	34.93	37.03	37.19	35.40	30.50	28.21	24.36	22.44														
		-0.68	-0.50	-0.39	-0.37	-0.37	-0.43	-0.58	-0.63	-0.68	-0.69	-0.70	-0.78	-0.83	-0.86	-0.91	-0.99	-1.15	-1.54	-1.55	-1.02	-0.91	-0.84	-0.73	-0.65														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.17	21.15	19.12	17.91	17.22	18.31	20.37	21.55	22.48	22.96	23.13	24.33	25.03	26.70	28.41	29.77	36.98	39.96	40.17	37.40	32.26	29.84	25.72	23.64														
		0.59	0.43	0.36	0.37	0.35	0.38	0.44	0.53	0.61	0.63	0.61	0.64	0.63	0.73	0.77	0.78	1.05	1.39	1.43	0.98	0.85	0.78	0.63	0.55														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ALBANY___2	23572	23.17	21.15	19.12	17.91	17.22	18.31	20.37	21.55	22.48	22.96	23.13	24.33	25.03	26.70	28.41	29.77	36.98	39.96	40.17	37.40	32.26	29.84	25.72	23.64														
		0.59	0.43	0.36	0.37	0.35	0.38	0.44	0.53	0.61	0.63	0.61	0.64	0.63	0.73	0.77	0.78	1.05	1.39	1.43	0.98	0.85	0.78	0.63	0.55														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00														
ALBANY___3	23573	23.17	21.15	19.12	17.91	17.22	18.31	20.37	21.55	22.48	22.96	23.13	24.33	25.03	26.70	28.41	29.77	36.98	39.96	40.17	37.40	32.26	29.84	25.72	23.64														
		0.59	0.43	0.36	0.37	0.35	0.38	0.44	0.53	0.61	0.63	0.61	0.64	0.63	0.73	0.77	0.78	1.05	1.39	1.43	0.98	0.85	0.78	0.63	0.55														
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00														

ALBANY___4 23574	23.17 0.59 0.00	21.15 0.43 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.22 0.35 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.55 0.53 0.00	22.48 0.61 0.00	22.96 0.63 0.00	23.13 0.61 0.00	24.33 0.64 0.00	25.03 0.63 0.00	26.70 0.73 0.00	28.41 0.77 0.00	29.77 0.78 0.00	36.98 1.05 0.15	39.96 1.39 0.00	40.17 1.43 0.00	37.40 0.98 0.00	32.26 0.85 0.00	29.84 0.78 0.00	25.72 0.63 0.00	23.64 0.55 0.00
ALBANY___LFGE 323615	23.42 0.84 0.00	21.37 0.66 0.00	19.33 0.56 0.00	18.07 0.53 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.76 0.74 0.00	22.72 0.85 0.00	23.21 0.87 0.00	23.37 0.86 0.00	24.62 0.92 0.00	25.34 0.95 0.00	26.98 1.01 0.00	28.77 1.13 0.00	30.11 1.13 0.00	37.37 1.44 0.16	40.42 1.85 0.00	40.63 1.90 0.00	37.84 1.42 0.00	32.64 1.22 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.90 0.81 0.00
ALCOA_PA_115KV_PL-6C 55860	21.95 -0.63 0.00	20.25 -0.46 0.00	18.49 -0.28 0.00	17.28 -0.26 0.00	16.59 -0.27 0.00	17.57 -0.36 0.00	19.33 -0.60 0.00	20.38 -0.65 0.00	21.16 -0.70 0.00	21.62 -0.71 0.00	21.82 -0.70 0.00	22.89 -0.81 0.00	23.54 -0.85 0.00	25.09 -0.88 0.00	26.69 -0.94 0.00	27.97 -1.01 0.00	34.89 -1.19 0.00	37.03 -1.54 0.00	37.19 -1.55 0.00	35.44 -0.98 0.00	30.54 -0.88 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.49 -0.60 0.00
ALCOA_RYNLDS___DRP 24188	21.95 -0.63 0.00	20.25 -0.46 0.00	18.49 -0.28 0.00	17.28 -0.26 0.00	16.59 -0.27 0.00	17.57 -0.36 0.00	19.33 -0.60 0.00	20.38 -0.65 0.00	21.16 -0.70 0.00	21.62 -0.71 0.00	21.82 -0.70 0.00	22.89 -0.81 0.00	23.54 -0.85 0.00	25.09 -0.88 0.00	26.69 -0.94 0.00	27.97 -1.01 0.00	34.89 -1.19 0.00	37.03 -1.54 0.00	37.19 -1.55 0.00	35.44 -0.98 0.00	30.54 -0.88 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.49 -0.60 0.00
ALCOA___DSASP 323711	21.95 -0.63 0.00	20.25 -0.46 0.00	18.49 -0.28 0.00	17.28 -0.26 0.00	16.59 -0.27 0.00	17.57 -0.36 0.00	19.33 -0.60 0.00	20.40 -0.63 0.00	21.16 -0.70 0.00	21.62 -0.72 0.00	21.82 -0.70 0.00	22.89 -0.81 0.00	23.54 -0.85 0.00	25.09 -0.88 0.00	26.69 -0.94 0.00	27.97 -1.02 0.00	34.89 -1.19 0.00	37.02 -1.54 0.00	37.18 -1.55 0.00	35.44 -0.98 0.00	30.54 -0.88 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.49 -0.60 0.00
ALLEGHENY___COGEN 23514	23.98 1.40 0.00	21.89 1.18 0.00	19.82 1.05 0.00	18.60 1.05 0.00	17.91 1.05 0.00	19.10 1.17 0.00	21.11 1.18 0.00	21.81 0.78 0.00	22.32 0.46 0.00	22.74 0.40 0.00	22.83 0.32 0.00	24.38 0.69 0.00	24.98 0.58 0.00	26.49 0.52 0.00	27.41 -0.22 0.00	28.93 -0.06 0.00	35.83 -0.25 0.00	38.99 0.43 0.00	39.78 1.05 0.00	37.70 1.27 0.00	32.83 1.41 0.00	30.48 1.42 0.00	27.02 1.93 0.00	24.87 1.78 0.00
ALTAMONT_115KV_TB 2 55880	23.44 0.86 0.00	21.41 0.70 0.00	19.37 0.60 0.00	18.09 0.54 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.61 0.68 0.00	21.78 0.76 0.00	22.74 0.87 0.00	23.21 0.87 0.00	23.40 0.88 0.00	24.62 0.92 0.00	25.32 0.93 0.00	26.98 1.01 0.00	28.74 1.11 0.00	30.11 1.13 0.00	37.42 1.44 0.11	40.38 1.81 0.00	40.59 1.86 0.00	37.81 1.38 0.00	32.61 1.19 0.00	30.19 1.13 0.00	26.05 0.95 0.00	23.94 0.85 0.00
ALTONA_WT_PWR 323606	21.25 -1.33 0.00	19.61 -1.10 0.00	17.79 -0.98 0.00	16.61 -0.93 0.00	15.95 -0.91 0.00	16.91 -1.02 0.00	18.78 -1.16 0.00	19.96 -1.07 0.00	20.79 -1.07 0.00	21.18 -1.16 0.00	21.21 -1.31 0.00	22.11 -1.59 0.00	22.73 -1.66 0.00	24.39 -1.59 0.00	25.98 -1.66 0.00	27.25 -1.74 0.00	34.28 -1.80 0.00	36.80 -1.77 0.00	37.15 -1.59 0.00	35.33 -1.09 0.00	30.38 -1.04 0.00	27.98 -1.07 0.00	24.06 -1.03 0.00	22.14 -0.95 0.00
AMERICAN_REF_FUEL 24010	22.63 0.05 0.00	20.61 -0.10 0.00	18.77 0.00 0.00	17.63 0.09 0.00	17.00 0.13 0.00	18.11 0.18 0.00	19.83 -0.10 0.00	20.54 -0.48 0.00	21.27 -0.59 0.00	22.00 -0.33 0.00	22.13 -0.38 0.00	23.50 -0.19 0.00	24.05 -0.34 0.00	25.56 -0.42 0.00	27.14 -0.50 0.00	28.46 -0.52 0.00	34.82 -1.26 0.00	37.41 -1.16 0.00	37.65 -1.08 0.00	35.40 -1.02 0.00	30.88 -0.53 0.00	28.67 -0.38 0.00	24.97 -0.12 0.00	23.32 0.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.46 0.88 0.00	21.45 0.74 0.00	19.57 0.81 0.00	18.30 0.75 0.00	17.64 0.78 0.00	18.88 0.95 0.00	20.95 1.02 0.00	21.81 0.78 0.00	22.56 0.70 0.00	23.43 1.09 0.00	23.62 1.10 0.00	25.07 1.37 0.00	25.56 1.17 0.00	27.17 1.20 0.00	28.74 1.11 0.00	30.29 1.31 0.00	36.99 0.90 0.00	39.69 1.12 0.00	40.01 1.28 0.00	37.59 1.17 0.00	32.89 1.48 0.00	30.62 1.57 0.00	26.52 1.43 0.00	24.61 1.52 0.00
ARTHUR_KILL_GT_1 23520	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.02 1.16 0.00	19.06 1.13 0.00	21.15 1.22 0.00	22.55 1.53 0.01	23.76 1.90 0.01	24.36 2.03 0.01	24.63 2.12 0.01	29.37 2.32 -3.36	27.86 2.44 -1.03	30.37 2.57 -1.83	30.68 2.87 -0.17	31.87 2.90 0.01	39.83 3.61 -0.14	42.99 4.43 0.01	43.06 4.34 0.01	39.43 3.02 0.01	33.95 2.54 0.01	31.57 2.53 0.01	27.34 2.23 -0.02	25.18 2.08 -0.02
ARTHUR_KILL_2 23512	24.55 1.96 -0.01	22.33 1.62 -0.01	20.18 1.41 -0.01	18.80 1.25 -0.01	17.99 1.13 0.00	19.01 1.08 0.00	21.09 1.16 0.00	22.49 1.47 0.01	23.69 1.84 0.01	24.30 1.97 0.01	24.56 2.05 0.01	29.28 2.23 -3.36	27.79 2.37 -1.03	30.27 2.47 -1.83	30.57 2.76 -0.17	31.76 2.78 0.01	39.69 3.46 -0.14	42.84 4.28 0.01	42.87 4.15 0.01	39.26 2.84 0.01	33.83 2.42 0.01	31.46 2.41 0.01	27.24 2.13 -0.02	25.09 1.99 -0.02
ARTHUR_KILL_3 23513	24.28 1.69 0.00	22.10 1.39 0.00	19.93 1.16 0.00	18.54 1.00 0.00	17.77 0.91 0.00	18.92 0.99 0.00	21.15 1.22 0.00	22.56 1.53 0.00	23.72 1.86 0.00	24.28 1.94 0.00	24.54 2.03 0.00	29.21 2.16 -3.37	27.70 2.27 -1.04	30.15 2.34 -1.84	30.36 2.54 -0.18	31.51 2.52 0.00	39.44 3.21 -0.15	42.54 3.97 0.00	42.53 3.80 0.00	39.05 2.62 0.00	33.55 2.14 0.00	31.23 2.18 0.00	27.08 1.98 -0.01	24.92 1.82 -0.01
ARTHUR_KILL_COGEN 323718	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.02 1.16 0.00	19.06 1.13 0.00	21.15 1.22 0.00	22.55 1.53 0.01	23.76 1.90 0.01	24.36 2.03 0.01	24.63 2.12 0.01	29.37 2.32 -3.36	27.86 2.44 -1.03	30.37 2.57 -1.83	30.68 2.87 -0.17	31.87 2.90 0.01	39.83 3.61 -0.14	42.99 4.43 0.01	43.06 4.34 0.01	39.43 3.02 0.01	33.95 2.54 0.01	31.57 2.53 0.01	27.34 2.23 -0.02	25.18 2.08 -0.02
ASHOKAN____ 23654	23.69 1.11 0.00	21.58 0.87 0.00	19.48 0.71 0.00	18.17 0.63 0.00	17.37 0.51 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.70 0.67 0.00	22.63 0.76 0.00	23.07 0.74 0.00	23.30 0.79 0.00	24.50 0.81 0.00	25.27 0.88 0.00	26.96 0.99 0.00	28.77 1.13 0.00	30.20 1.22 0.00	38.83 2.74 0.00	40.88 2.31 0.00	41.18 2.44 0.00	38.31 1.89 0.00	33.08 1.66 0.00	30.59 1.54 0.00	26.37 1.28 0.00	24.20 1.11 0.00

ASTORIA_EAST_ENERGY_CC1 323581	24.55 1.96 -0.01	22.35 1.64 -0.01	20.18 1.41 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.10 1.18 0.01	22.52 1.49 0.00	23.67 1.81 0.01	24.23 1.90 0.01	24.52 2.00 0.00	25.83 2.13 -0.01	26.67 2.27 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.56 2.58 0.00	39.85 3.61 -0.15	42.93 4.36 -0.01	43.08 4.34 -0.01	39.44 3.02 0.00	33.83 2.42 0.00	31.61 2.56 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	24.55 1.96 -0.01	22.35 1.64 -0.01	20.18 1.41 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.10 1.18 0.01	22.52 1.49 0.00	23.67 1.81 0.01	24.23 1.90 0.01	24.52 2.00 0.00	25.83 2.13 -0.01	26.67 2.27 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.56 2.58 0.00	39.85 3.61 -0.15	42.93 4.36 -0.01	43.08 4.34 -0.01	39.44 3.02 0.00	33.83 2.42 0.00	31.61 2.56 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA_GT2_1 24094	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.11 1.18 0.00	22.54 1.51 0.00	23.70 1.84 0.00	24.26 1.92 0.00	24.52 2.00 0.00	25.86 2.16 -0.01	26.62 2.22 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.71 2.72 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	42.97 4.22 -0.01	39.52 3.10 0.00	33.87 2.45 0.00	31.64 2.59 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA_GT2_2 24095	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.11 1.18 0.00	22.54 1.51 0.00	23.70 1.84 0.00	24.26 1.92 0.00	24.52 2.00 0.00	25.86 2.16 -0.01	26.62 2.22 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.71 2.72 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	42.97 4.22 -0.01	39.52 3.10 0.00	33.87 2.45 0.00	31.64 2.59 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA_GT2_3 24096	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.11 1.18 0.00	22.54 1.51 0.00	23.70 1.84 0.00	24.26 1.92 0.00	24.52 2.00 0.00	25.86 2.16 -0.01	26.62 2.22 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.71 2.72 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	42.97 4.22 -0.01	39.52 3.10 0.00	33.87 2.45 0.00	31.64 2.59 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA_GT2_4 24097	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.11 1.18 0.00	22.54 1.51 0.00	23.70 1.84 0.00	24.26 1.92 0.00	24.52 2.00 0.00	25.86 2.16 -0.01	26.62 2.22 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.71 2.72 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	42.97 4.22 -0.01	39.52 3.10 0.00	33.87 2.45 0.00	31.64 2.59 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA_GT3_1 24098	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.11 1.18 0.00	22.54 1.51 0.00	23.70 1.84 0.00	24.26 1.92 0.00	24.52 2.00 0.00	25.86 2.16 -0.01	26.62 2.22 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.71 2.72 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	42.97 4.22 -0.01	39.52 3.10 0.00	33.87 2.45 0.00	31.64 2.59 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA_GT3_2 24099	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11																		

ASTORIA_GT_10 24110	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.08 2.37 -0.33	29.05 2.49 -0.58	30.42 2.74 -0.05	31.77 2.78 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.84 4.11 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
ASTORIA_GT_11 24225	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.08 2.37 -0.33	29.05 2.49 -0.58	30.42 2.74 -0.05	31.77 2.78 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.84 4.11 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
ASTORIA_GT_12 24226	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.08 2.37 -0.33	29.05 2.49 -0.58	30.42 2.74 -0.05	31.77 2.78 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.84 4.11 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
ASTORIA_GT_13 24227	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.08 2.37 -0.33	29.05 2.49 -0.58	30.42 2.74 -0.05	31.77 2.78 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.84 4.11 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
ASTORIA_GT_5 24106	24.62 2.03 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.86 1.32 0.00	18.09 1.21 -0.01	19.08 1.15 0.00	21.14 1.22 0.01	22.58 1.56 0.00	23.74 1.88 0.01	24.32 1.99 0.01	24.59 2.07 0.00	25.93 2.23 -0.01	26.74 2.34 -0.01	28.42 2.44 -0.01	30.32 2.68 -0.01	31.65 2.66 0.00	39.96 3.72 -0.15	43.09 4.51 -0.01	43.20 4.45 -0.01	39.55 3.13 0.00	33.93 2.51 0.00	31.70 2.64 0.00	27.43 2.33 -0.01	25.27 2.17 -0.01
ASTORIA_GT_7 24107	24.62 2.03 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.86 1.32 0.00	18.09 1.21 -0.01	19.08 1.15 0.00	21.14 1.22 0.01	22.58 1.56 0.00	23.74 1.88 0.01	24.32 1.99 0.01	24.59 2.07 0.00	25.93 2.23 -0.01	26.74 2.34 -0.01	28.42 2.44 -0.01	30.32 2.68 -0.01	31.65 2.66 0.00	39.96 3.72 -0.15	43.09 4.51 -0.01	43.20 4.45 -0.01	39.55 3.13 0.00	33.93 2.51 0.00	31.70 2.64 0.00	27.43 2.33 -0.01	25.27 2.17 -0.01
ASTORIA_GT_8 24108	24.62 2.03 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.86 1.32 0.00	18.08 1.21 -0.01	19.08 1.15 0.00	21.15 1.22 0.00	22.58 1.56 0.00	23.74 1.88 0.00	24.33 1.99 0.00	24.59 2.07 0.00	25.93 2.23 -0.01	26.69 2.29 -0.01	28.42 2.44 -0.01	30.29 2.65 -0.01	31.80 2.81 0.00	39.96 3.72 -0.15	43.09 4.51 -0.01	43.08 4.34 -0.01	39.59 3.17 0.00	33.93 2.51 0.00	31.70 2.64 0.00	27.43 2.33 -0.01	25.27 2.17 -0.01
ASTORIA___2 24149	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.10 1.18 0.01	22.54 1.51 0.00	23.69 1.84 0.01	24.25 1.92 0.01	24.52 2.00 0.00	25.86 2.16 -0.01	26.67 2.27 -0.01	28.34 2.36 -0.01	30.27 2.63 -0.01	31.59 2.61 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	43.12 4.38 -0.01	39.48 3.06 0.00	33.87 2.45 0.00	31.64 2.58 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
ASTORIA___3 23516	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.62 1.60 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.13 2.42 -0.33	29.05 2.49 -0.58	30.45 2.76 -0.05	31.74 2.75 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.88 4.15 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
ASTORIA___4 23517	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.08 2.37 -0.33	29.05 2.49 -0.58	30.42 2.74 -0.05	31.77 2.78 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.84 4.11 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
ASTORIA___5 23518	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.62 1.60 0.00	23.79 1.92 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.13 2.42 -0.33	29.05 2.49 -0.58	30.45 2.76 -0.05	31.74 2.75 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.88 4.15 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
AST_ENERGY_2_CC3 323677	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.87 1.01 0.00	18.99 1.06 0.00	21.21 1.28 0.00	22.62 1.60 0.00	23.77 1.90 0.00	24.33 1.99 0.00	24.57 2.05 0.00	25.87 2.18 0.00	26.71 2.32 0.00	28.36 2.39 0.00	30.26 2.63 0.00	31.59 2.61 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.19 2.77 0.00	33.71 2.29 0.00	31.32 2.27 0.00	27.12 2.03 0.00	24.98 1.89 0.00
AST_ENERGY_2_CC4 323678	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.87 1.01 0.00	18.99 1.06 0.00	21.21 1.28 0.00	22.62 1.60 0.00	23.77 1.90 0.00	24.33 1.99 0.00	24.57 2.05 0.00	25.87 2.18 0.00	26.71 2.32 0.00	28.36 2.39 0.00	30.26 2.63 0.00	31.59 2.61 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.19 2.77 0.00	33.71 2.29 0.00	31.32 2.27 0.00	27.12 2.03 0.00	24.98 1.89 0.00
ATHENS_STG_1 23668	23.60 1.02 0.00	21.54 0.83 0.00	19.48 0.71 0.00	18.17 0.63 0.00	17.45 0.59 0.00	18.56 0.63 0.00	20.69 0.76 0.00	21.93 0.90 0.00	22.91 1.05 0.00	23.41 1.07 0.00	23.60 1.08 0.00	24.83 1.14 0.00	25.56 1.17 0.00	27.19 1.22 0.00	28.99 1.35 0.00	30.35 1.36 0.00	37.86 1.73 -0.05	40.73 2.16 0.00	40.86 2.13 0.00	37.95 1.53 0.00	32.73 1.32 0.00	30.27 1.22 0.00	26.17 1.08 0.00	24.06 0.97 0.00
ATHENS_STG_2 23670	23.60 1.02 0.00	21.54 0.83 0.00	19.48 0.71 0.00	18.17 0.63 0.00	17.45 0.59 0.00	18.56 0.63 0.00	20.69 0.76 0.00	21.93 0.90 0.00	22.91 1.05 0.00	23.41 1.07 0.00	23.60 1.08 0.00	24.83 1.14 0.00	25.56 1.17 0.00	27.19 1.22 0.00	28.99 1.35 0.00	30.35 1.36 0.00	37.86 1.73 -0.05	40.73 2.16 0.00	40.86 2.13 0.00	37.95 1.53 0.00	32.73 1.32 0.00	30.27 1.22 0.00	26.17 1.08 0.00	24.06 0.97 0.00

ATHENS_STG_3 23677	23.60 1.02 0.00	21.54 0.83 0.00	19.48 0.71 0.00	18.17 0.63 0.00	17.45 0.59 0.00	18.56 0.63 0.00	20.69 0.76 0.00	21.93 0.90 0.00	22.91 1.05 0.00	23.41 1.07 0.00	23.60 1.08 0.00	24.83 1.14 0.00	25.56 1.17 0.00	27.19 1.22 0.00	28.99 1.35 0.00	30.35 1.36 0.00	37.86 1.73 -0.05	40.73 2.16 0.00	40.86 2.13 0.00	37.95 1.53 0.00	32.73 1.32 0.00	30.27 1.22 0.00	26.17 1.08 0.00	24.06 0.97 0.00
AUBURN___LFGE 323710	23.15 0.56 0.00	21.17 0.46 0.00	19.16 0.39 0.00	17.98 0.44 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.49 0.56 0.00	21.64 0.61 0.00	22.69 0.83 0.00	23.16 0.83 0.00	23.31 0.79 0.00	24.64 0.95 0.00	25.44 1.05 0.00	27.14 1.17 0.00	28.90 1.27 0.00	30.43 1.45 0.00	37.71 1.62 0.00	40.00 1.43 0.00	40.17 1.43 0.00	37.66 1.24 0.00	32.51 1.10 0.00	30.04 0.99 0.00	25.90 0.80 0.00	23.83 0.74 0.00
BABYLON_RES_REC 323704	32.03 2.51 -6.94	28.28 2.15 -5.41	25.22 1.88 -4.58	19.30 1.70 -0.05	19.09 1.60 -0.62	20.32 1.70 -0.68	21.83 1.89 0.00	26.51 2.29 -3.19	29.78 2.60 -5.31	30.05 2.66 -5.05	32.81 2.59 -7.70	33.96 2.75 -7.52	34.81 2.88 -7.54	37.53 3.01 -8.55	43.18 3.01 -12.53	42.14 3.01 -10.14	48.43 3.68 -8.67	50.20 4.43 -7.20	49.49 4.38 -6.37	48.34 3.31 -8.60	47.53 2.79 -13.32	40.20 2.88 -8.27	37.68 2.81 -9.77	34.00 2.63 -8.28
BABYLON__69_KV_BK2 356345	32.37 2.85 -6.94	28.57 2.44 -5.41	25.49 2.14 -4.58	19.55 1.95 -0.05	19.32 1.84 -0.62	20.55 1.94 -0.68	22.08 2.15 0.00	26.80 2.59 -3.19	30.08 2.91 -5.31	30.38 2.99 -5.05	33.17 2.95 -7.70	34.38 3.17 -7.52	35.91 3.27 -8.25	40.12 3.43 -10.72	53.84 3.68 -22.53	49.49 3.65 -16.86	61.90 4.55 -21.27	64.59 5.36 -20.66	63.67 5.31 -19.63	61.72 4.19 -21.11	60.34 3.58 -25.34	45.73 3.54 -13.14	42.18 3.21 -13.87	34.34 2.96 -8.29
BARON_WINDS___WT_PWR 323822	23.06 0.47 0.00	21.04 0.33 0.00	19.11 0.34 0.00	17.91 0.37 0.00	17.28 0.42 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.36 0.34 0.00	22.19 0.33 0.00	22.83 0.49 0.00	23.01 0.49 0.00	24.38 0.69 0.00	25.03 0.63 0.00	26.62 0.65 0.00	28.24 0.61 0.00	29.68 0.69 0.00	36.52 0.43 0.00	39.26 0.69 0.00	39.59 0.85 0.00	37.08 0.66 0.00	32.29 0.88 0.00	29.92 0.87 0.00	25.90 0.80 0.00	23.97 0.88 0.00
BARRETT_IC_1 23704	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_10 23701	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_11 23702	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_12 23703	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_2 23705	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_3 23706	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_4 23707	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_5 23708	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_6 23709	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_7 23710	31.67 2.15 -6.94	27.92 1.80 -5.41	24.92 1.58 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.59 0.00	26.19 1.98 -3.19	29.36 2.19 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.76 2.29 -7.07	35.90 2.47 -7.46	37.44 2.68 -7.12	38.75 2.72 -7.04	42.44 3.50 -2.85	43.77 4.20 -0.99	43.10 4.11 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.06 2.41 -7.56	33.59 2.22 -8.28

BARRETT_IC_8 23711	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT_IC_9 23700	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT___1 23545	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BARRETT___2 23546	31.67 2.15 -6.94	27.92 1.80 -5.41	24.94 1.59 -4.58	19.02 1.42 -0.05	18.80 1.32 -0.62	20.01 1.40 -0.68	21.53 1.60 0.00	26.17 1.96 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.29 2.07 -7.70	33.41 2.20 -7.52	33.81 2.34 -7.07	35.91 2.47 -7.46	37.43 2.68 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.28 3.02 -2.83	41.73 2.54 -7.77	37.55 2.47 -6.02	35.07 2.41 -7.57	33.62 2.24 -8.29
BATAVIA___115KV_TB1 55881	23.44 0.86 0.00	21.37 0.66 0.00	19.41 0.64 0.00	18.18 0.63 0.00	17.55 0.69 0.00	18.69 0.75 0.00	20.59 0.66 0.00	21.47 0.44 0.00	22.21 0.35 0.00	22.92 0.58 0.00	23.17 0.65 0.00	24.59 0.90 0.00	25.44 1.05 0.00	26.78 0.81 0.00	28.49 0.86 0.00	29.80 0.81 0.00	36.59 0.51 0.00	39.38 0.81 0.00	39.70 0.97 0.00	37.30 0.87 0.00	32.45 1.04 0.00	30.07 1.02 0.00	26.05 0.95 0.00	24.20 1.11 0.00
BAYONEEC___CTG1 323682	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG10 323750	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG2 323683	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG3 323684	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG4 323685	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG5 323686	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG6 323687	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG7 323688	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG8 323689	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00
BAYONEEC___CTG9 323749	24.36 1.78 0.00	22.18 1.47 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.35 2.29 0.00	27.15 2.06 0.00	24.98 1.89 0.00

BEACON___LESR 323632	23.57 0.99 0.00	21.48 0.77 0.00	19.42 0.66 0.00	18.14 0.60 0.00	17.45 0.59 0.00	18.60 0.66 0.00	20.73 0.80 0.00	21.91 0.88 0.00	22.89 1.03 0.00	23.37 1.03 0.00	23.55 1.04 0.00	24.78 1.09 0.00	25.51 1.12 0.00	27.14 1.17 0.00	28.93 1.30 0.00	30.29 1.31 0.00	37.62 1.70 0.16	40.73 2.16 0.00	40.94 2.21 0.00	38.17 1.75 0.00	32.92 1.51 0.00	30.42 1.37 0.00	26.20 1.10 0.00	24.04 0.95 0.00
BEAVER RIVER___HYD 24048	22.22 -0.36 0.00	20.42 -0.29 0.00	18.56 -0.21 0.00	17.46 -0.09 0.00	16.78 -0.08 0.00	17.81 -0.12 0.00	19.65 -0.28 0.00	20.71 -0.31 0.00	21.45 -0.42 0.00	21.87 -0.47 0.00	22.13 -0.38 0.00	23.24 -0.45 0.00	23.93 -0.46 0.00	25.30 -0.68 0.00	26.89 -0.74 0.00	28.32 -0.67 0.00	35.40 -0.69 0.00	38.30 -0.27 0.00	38.66 -0.08 0.00	36.60 0.18 0.00	31.54 0.13 0.00	29.11 0.06 0.00	25.04 -0.05 0.00	23.04 -0.05 0.00
BEEBEE_GT_13 23619	23.10 0.52 0.00	21.08 0.37 0.00	19.11 0.34 0.00	17.88 0.33 0.00	17.22 0.35 0.00	18.33 0.39 0.00	20.33 0.40 0.00	21.34 0.32 0.00	22.13 0.26 0.00	22.72 0.38 0.00	22.95 0.43 0.00	24.28 0.59 0.00	25.10 0.71 0.00	26.62 0.65 0.00	28.32 0.69 0.00	29.65 0.67 0.00	36.63 0.54 0.00	39.34 0.77 0.00	39.55 0.81 0.00	37.11 0.69 0.00	32.11 0.69 0.00	29.72 0.67 0.00	25.69 0.60 0.00	23.76 0.67 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.76 2.17 -0.01	22.54 1.82 -0.01	20.33 1.56 -0.01	18.92 1.37 -0.01	18.11 1.25 0.00	19.19 1.26 0.00	21.35 1.42 0.00	22.79 1.77 0.00	24.01 2.14 0.00	24.62 2.28 0.00	24.90 2.39 0.00	33.93 2.58 -7.65	29.43 2.68 -2.36	32.98 2.83 -4.17	31.13 3.09 -0.40	32.06 3.07 0.00	40.24 4.01 -0.15	43.40 4.82 -0.01	43.42 4.69 0.00	39.88 3.46 0.00	34.24 2.83 0.00	31.84 2.79 0.00	27.54 2.43 -0.02	25.37 2.26 -0.02
BETHLEHEM___GRP 23843	23.17 0.59 0.00	21.15 0.43 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.22 0.35 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.55 0.53 0.00	22.48 0.61 0.00	22.96 0.63 0.00	23.13 0.61 0.00	24.33 0.64 0.00	25.03 0.63 0.00	26.70 0.73 0.00	28.41 0.77 0.00	29.77 0.78 0.00	36.98 1.05 0.15	39.96 1.39 0.00	40.17 1.43 0.00	37.40 0.98 0.00	32.26 0.85 0.00	29.84 0.78 0.00	25.72 0.63 0.00	23.64 0.55 0.00
BETHLEHEM___GS1 323560	23.17 0.59 0.00	21.15 0.44 0.00	19.14 0.38 0.00	17.91 0.37 0.00	17.23 0.37 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.53 0.50 0.00	22.48 0.61 0.00	22.96 0.62 0.00	23.13 0.61 0.00	24.33 0.64 0.00	25.05 0.66 0.00	26.70 0.73 0.00	28.44 0.80 0.00	29.77 0.78 0.00	36.98 1.05 0.15	39.96 1.39 0.00	40.17 1.43 0.00	37.41 0.98 0.00	32.26 0.85 0.00	29.84 0.78 0.00	25.72 0.63 0.00	23.64 0.55 0.00
BETHLEHEM___GS2 323561	23.17 0.59 0.00	21.15 0.44 0.00	19.14 0.38 0.00	17.91 0.37 0.00	17.23 0.37 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.53 0.50 0.00	22.48 0.61 0.00	22.96 0.62 0.00	23.13 0.61 0.00	24.33 0.64 0.00	25.05 0.66 0.00	26.70 0.73 0.00	28.44 0.80 0.00	29.77 0.78 0.00	36.98 1.05 0.15	39.96 1.39 0.00	40.17 1.43 0.00	37.41 0.98 0.00	32.26 0.85 0.00	29.84 0.78 0.00	25.72 0.63 0.00	23.64 0.55 0.00
BETHLEHEM___GS3 323562	23.17 0.59 0.00	21.15 0.44 0.00	19.14 0.38 0.00	17.91 0.37 0.00	17.23 0.37 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.53 0.50 0.00	22.48 0.61 0.00	22.96 0.62 0.00	23.13 0.61 0.00	24.33 0.64 0.00	25.05 0.66 0.00	26.70 0.73 0.00	28.44 0.80 0.00	29.77 0.78 0.00	36.98 1.05 0.15	39.96 1.39 0.00	40.17 1.43 0.00	37.41 0.98 0.00	32.26 0.85 0.00	29.84 0.78 0.00	25.72 0.63 0.00	23.64 0.55 0.00
BETHLEHEM___STEEL 23779	23.17 0.59 0.00	21.10 0.39 0.00	19.24 0.47 0.00	18.00 0.46 0.00	17.39 0.52 0.00	18.51 0.57 0.00	20.41 0.48 0.00	21.20 0.17 0.00	21.97 0.11 0.00	22.76 0.42 0.00	22.92 0.41 0.00	24.36 0.66 0.00	25.22 0.83 0.00	26.49 0.52 0.00	28.19 0.55 0.00	29.54 0.55 0.00	36.12 0.04 0.00	38.80 0.23 0.00	39.08 0.35 0.00	36.68 0.25 0.00	32.04 0.63 0.00	29.72 0.67 0.00	25.79 0.70 0.00	24.01 0.92 0.00
BETHLHEM_115KV_TB1 79974	23.24 0.65 0.00	21.21 0.50 0.00	19.18 0.41 0.00	17.95 0.40 0.00	17.27 0.40 0.00	18.35 0.41 0.00	20.43 0.50 0.00	21.60 0.57 0.00	22.54 0.68 0.00	23.01 0.67 0.00	23.19 0.68 0.00	24.40 0.71 0.00	25.10 0.71 0.00	26.75 0.78 0.00	28.49 0.86 0.00	29.85 0.87 0.00	37.06 1.12 0.14	40.07 1.50 0.00	40.25 1.51 0.00	37.48 1.06 0.00	32.33 0.91 0.00	29.90 0.84 0.00	25.79 0.70 0.00	23.71 0.62 0.00
BETHPAGE_CC_5 323564	31.76 2.24 -6.94	28.07 1.95 -5.41	25.07 1.73 -4.58	19.16 1.56 -0.05	18.95 1.47 -0.62	20.17 1.56 -0.68	21.69 1.75 0.00	26.34 2.12 -3.19	29.58 2.41 -5.31	29.85 2.46 -5.05	32.58 2.36 -7.70	33.72 2.51 -7.52	34.35 2.66 -7.29	36.59 2.75 -7.87	40.29 2.96 -9.70	39.86 2.99 -7.89	44.31 3.79 -4.44	45.77 4.51 -2.69	45.08 4.41 -1.93	44.18 3.35 -4.41	43.53 2.83 -9.29	38.45 2.76 -6.64	36.21 2.51 -8.61	33.70 2.33 -8.28
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.19 0.61 0.00	21.10 0.39 0.00	19.26 0.49 0.00	18.02 0.47 0.00	17.40 0.54 0.00	18.53 0.59 0.00	20.43 0.50 0.00	21.24 0.21 0.00	22.02 0.15 0.00	22.83 0.49 0.00	22.99 0.47 0.00	24.43 0.73 0.00	25.29 0.90 0.00	26.57 0.60 0.00	28.27 0.64 0.00	29.62 0.64 0.00	36.23 0.14 0.00	38.95 0.39 0.00	39.20 0.46 0.00	36.79 0.36 0.00	32.14 0.72 0.00	29.81 0.76 0.00	25.85 0.75 0.00	24.06 0.97 0.00
BINGHAMTON___COGEN 23790	23.10 0.52 0.00	21.10 0.39 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.23 0.37 0.00	18.35 0.41 0.00	20.41 0.48 0.00	21.51 0.48 0.00	22.35 0.48 0.00	22.87 0.54 0.00	23.08 0.56 0.00	24.36 0.66 0.00	25.12 0.73 0.00	26.70 0.73 0.00	28.41 0.77 0.00	29.83 0.84 0.00	37.02 0.94 0.00	39.73 1.16 0.00	39.94 1.20 0.00	37.30 0.87 0.00	32.33 0.91 0.00	29.90 0.84 0.00	25.79 0.70 0.00	23.76 0.67 0.00
BIXINCNT_115KV_LOAD 355685	22.99 0.41 0.00	20.96 0.25 0.00	19.14 0.38 0.00	17.91 0.37 0.00	17.28 0.42 0.00	18.42 0.48 0.00	20.35 0.42 0.00	21.20 0.17 0.00	22.02 0.15 0.00	22.85 0.51 0.00	22.95 0.43 0.00	24.31 0.62 0.00	25.15 0.76 0.00	26.39 0.42 0.00	28.08 0.44 0.00	29.45 0.46 0.00	35.94 -0.14 0.00	38.72 0.15 0.00	39.01 0.27 0.00	36.71 0.29 0.00	32.11 0.69 0.00	29.75 0.70 0.00	25.74 0.65 0.00	23.90 0.81 0.00
BLACK RIVER___HYD 24047	22.49 -0.09 0.00	20.65 -0.06 0.00	18.75 -0.02 0.00	17.60 0.05 0.00	16.91 0.05 0.00	17.99 0.05 0.00	19.89 -0.04 0.00	20.94 -0.08 0.00	21.65 -0.22 0.00	22.05 -0.29 0.00	22.34 -0.18 0.00	23.50 -0.19 0.00	24.17 -0.22 0.00	25.61 -0.36 0.00	27.22 -0.41 0.00	28.72 -0.26 0.00	35.90 -0.18 0.00	38.88 0.31 0.00	39.32 0.58 0.00	37.26 0.84 0.00	32.08 0.66 0.00	29.58 0.52 0.00	25.37 0.28 0.00	23.30 0.21 0.00

BLACKRVR_115KV_TB2 79977	22.49 -0.09 0.00	20.65 -0.06 0.00	18.75 -0.02 0.00	17.60 0.05 0.00	16.91 0.05 0.00	17.99 0.05 0.00	19.89 -0.04 0.00	20.94 -0.08 0.00	21.65 -0.22 0.00	22.05 -0.29 0.00	22.34 -0.18 0.00	23.50 -0.19 0.00	24.20 -0.20 0.00	25.61 -0.36 0.00	27.25 -0.39 0.00	28.72 -0.26 0.00	35.90 -0.18 0.00	38.88 0.31 0.00	39.32 0.58 0.00	37.22 0.80 0.00	32.08 0.66 0.00	29.58 0.52 0.00	25.37 0.28 0.00	23.30 0.21 0.00
BLISS_WT_PWR 323608	22.94 0.36 0.00	20.92 0.21 0.00	19.09 0.32 0.00	17.88 0.33 0.00	17.22 0.35 0.00	18.38 0.45 0.00	20.31 0.38 0.00	21.15 0.13 0.00	21.97 0.11 0.00	22.83 0.49 0.00	22.88 0.36 0.00	24.21 0.52 0.00	24.76 0.37 0.00	26.28 0.31 0.00	27.94 0.30 0.00	29.36 0.38 0.00	35.79 -0.29 0.00	38.57 0.00 0.00	38.89 0.16 0.00	36.68 0.26 0.00	32.04 0.63 0.00	29.69 0.64 0.00	25.69 0.60 0.00	23.83 0.74 0.00
BLUE_CIRC_CHEM_DRP 24182	23.51 0.93 0.00	21.46 0.75 0.00	19.42 0.66 0.00	18.14 0.60 0.00	17.45 0.59 0.00	18.56 0.63 0.00	20.67 0.74 0.00	21.83 0.80 0.00	22.78 0.92 0.00	23.23 0.89 0.00	23.40 0.88 0.00	24.62 0.92 0.00	25.32 0.93 0.00	27.01 1.04 0.00	28.74 1.11 0.00	30.11 1.13 0.00	37.42 1.44 0.11	40.42 1.85 0.00	40.63 1.90 0.00	37.91 1.49 0.00	32.73 1.32 0.00	30.27 1.22 0.00	26.10 1.00 0.00	23.99 0.90 0.00
BOC_GAS_DRP 24189	23.37 0.79 0.00	21.35 0.64 0.00	19.31 0.54 0.00	18.04 0.49 0.00	17.33 0.47 0.00	18.44 0.50 0.00	20.53 0.60 0.00	21.72 0.69 0.00	22.67 0.81 0.00	23.14 0.80 0.00	23.33 0.81 0.00	24.55 0.85 0.00	25.25 0.85 0.00	26.91 0.93 0.00	28.66 1.02 0.00	30.03 1.04 0.00	37.32 1.34 0.10	40.27 1.70 0.00	40.40 1.67 0.00	37.66 1.24 0.00	32.45 1.04 0.00	30.04 0.99 0.00	25.92 0.83 0.00	23.85 0.76 0.00
BOONVILLE_115KV_TB1 79983	22.74 0.16 0.00	20.86 0.14 0.00	18.90 0.13 0.00	17.74 0.19 0.00	17.05 0.19 0.00	18.15 0.22 0.00	20.13 0.20 0.00	21.28 0.25 0.00	22.08 0.22 0.00	22.52 0.18 0.00	22.85 0.34 0.00	24.00 0.31 0.00	24.71 0.32 0.00	26.15 0.18 0.00	27.80 0.17 0.00	29.30 0.32 0.00	36.52 0.43 0.00	39.38 0.81 0.00	39.67 0.93 0.00	37.33 0.91 0.00	32.17 0.75 0.00	29.66 0.61 0.00	25.54 0.45 0.00	23.46 0.37 0.00
BORALEX_4TH_BRANCH 23824	23.94 1.35 0.00	21.85 1.14 0.00	19.78 1.01 0.00	18.46 0.91 0.00	17.74 0.88 0.00	18.88 0.95 0.00	21.03 1.10 0.00	22.25 1.22 0.00	23.26 1.40 0.00	23.75 1.41 0.00	23.91 1.40 0.00	25.14 1.45 0.00	25.86 1.46 0.00	27.56 1.58 0.00	29.26 1.63 0.00	30.67 1.68 0.00	37.78 2.06 0.36	41.15 2.58 0.00	41.37 2.64 0.00	38.46 2.04 0.00	33.21 1.79 0.00	30.71 1.66 0.00	26.52 1.43 0.00	24.40 1.32 0.00
BOWLINE___1 23526	24.09 1.51 0.00	21.95 1.24 0.00	19.84 1.07 0.00	18.47 0.93 0.00	17.71 0.84 0.00	18.83 0.90 0.00	21.03 1.10 0.00	22.37 1.35 0.00	23.48 1.62 0.00	23.99 1.65 0.00	24.18 1.67 0.00	25.45 1.75 0.00	26.24 1.85 0.00	27.89 1.92 0.00	29.73 2.10 0.00	31.13 2.14 0.00	38.96 2.74 -0.14	41.92 3.35 0.00	41.99 3.25 0.00	38.68 2.26 0.00	33.36 1.95 0.00	30.91 1.86 0.00	26.72 1.63 0.00	24.57 1.48 0.00
BOWLINE___2 23595	24.09 1.51 0.00	21.95 1.24 0.00	19.84 1.07 0.00	18.47 0.93 0.00	17.71 0.84 0.00	18.85 0.91 0.00	21.03 1.10 0.00	22.37 1.35 0.00	23.48 1.62 0.00	23.99 1.65 0.00	24.16 1.64 0.00	25.42 1.73 0.00	26.22 1.83 0.00	27.84 1.87 0.00	29.71 2.07 0.00	31.07 2.09 0.00	38.93 2.71 -0.14	41.89 3.32 0.00	41.91 3.18 0.00	38.61 2.19 0.00	33.30 1.88 0.00	30.86 1.80 0.00	26.67 1.58 0.00	24.54 1.46 0.00
BRADY___115KV_TB2 356060	21.97 -0.61 0.00	20.30 -0.41 0.00	18.52 -0.24 0.00	17.32 -0.23 0.00	16.64 -0.22 0.00	17.59 -0.34 0.00	19.31 -0.62 0.00	20.33 -0.69 0.00	21.10 -0.77 0.00	21.56 -0.78 0.00	21.77 -0.74 0.00	22.82 -0.88 0.00	23.47 -0.93 0.00	24.98 -0.99 0.00	26.61 -1.02 0.00	27.91 -1.07 0.00	34.86 -1.23 0.00	37.03 -1.54 0.00	37.22 -1.51 0.00	35.55 -0.87 0.00	30.63 -0.79 0.00	28.30 -0.76 0.00	24.47 -0.63 0.00	22.56 -0.53 0.00
BRANSCOMB___SOLAR 323811	23.91 1.33 0.00	21.81 1.10 0.00	19.72 0.96 0.00	18.39 0.84 0.00	17.71 0.84 0.00	18.85 0.91 0.00	21.01 1.08 0.00	22.16 1.13 0.00	23.13 1.27 0.00	23.61 1.27 0.00	23.69 1.17 0.00	24.95 1.25 0.00	25.56 1.17 0.00	27.27 1.30 0.00	29.07 1.44 0.00	30.46 1.48 0.00	37.80 1.91 0.19	41.00 2.43 0.00	41.41 2.67 0.00	38.75 2.33 0.00	33.46 2.04 0.00	31.03 1.98 0.00	26.67 1.58 0.00	24.47 1.39 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.23 2.71 -6.94	28.46 2.34 -5.41	25.38 2.03 -4.58	19.48 1.88 -0.05	19.26 1.77 -0.62	20.48 1.87 -0.68	22.01 2.07 0.00	26.69 2.48 -3.19	29.97 2.80 -5.31	30.25 2.86 -5.05	33.01 2.79 -7.70	34.17 2.96 -7.52	35.69 3.02 -8.27	41.70 3.19 -12.53	71.91 3.45 -40.82	49.29 3.28 -17.03	61.69 4.01 -21.60	64.32 4.74 -21.01	63.39 4.69 -19.97	61.46 3.61 -21.43	60.12 3.05 -25.65	45.48 3.17 -13.26	49.41 2.96 -21.35	34.13 2.75 -8.29
BRISTLHL_115KV_TB1 79998	22.49 -0.09 0.00	20.57 -0.14 0.00	18.64 -0.13 0.00	17.46 -0.09 0.00	16.81 -0.05 0.00	17.88 -0.05 0.00	19.87 -0.06 0.00	20.96 -0.06 0.00	21.69 -0.17 0.00	22.16 -0.18 0.00	22.40 -0.11 0.00	23.62 -0.07 0.00	24.37 -0.02 0.00	25.87 -0.10 0.00	27.52 -0.11 0.00	28.84 -0.14 0.00	35.83 -0.25 0.00	38.49 -0.08 0.00	38.66 -0.08 0.00	36.24 -0.18 0.00	31.29 -0.13 0.00	28.94 -0.12 0.00	24.99 -0.10 0.00	23.00 -0.09 0.00
BROOKHAVEN___DRP 24191	32.41 2.89 -6.94	28.61 2.49 -5.41	25.53 2.18 -4.58	19.60 2.00 -0.05	19.38 1.89 -0.62	20.60 1.99 -0.68	22.10 2.17 0.00	26.80 2.59 -3.19	30.10 2.93 -5.31	30.36 2.97 -5.05	33.08 2.86 -7.70	34.29 3.08 -7.52	39.81 3.15 -12.27	47.94 3.32 -18.64	65.28 3.59 -34.05	87.42 3.65 -54.79	133.10 4.58 -92.44	140.57 5.36 -96.64	138.54 5.35 -94.46	132.40 4.26 -91.72	128.26 3.61 -93.24	73.15 3.49 -40.61	46.82 3.11 -18.61	34.34 2.91 -8.34
BROOKLYN_NAVY_YARD 23515	24.39 1.81 0.00	22.20 1.49 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.83 1.97 0.00	24.39 2.05 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.36 2.39 0.00	30.29 2.65 0.00	31.62 2.64 0.00	39.62 3.39 -0.15	42.74 4.17 0.00	42.73 3.99 0.00	39.26 2.84 0.00	33.74 2.32 0.00	31.35 2.29 0.00	27.17 2.08 0.00	25.00 1.92 0.00
BROOKLYN___ARMY_DRP 323595	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02

BROOKVLE_69_KV_TB1 55790	31.74 2.21 -6.94	27.99 1.86 -5.41	24.96 1.61 -4.58	19.04 1.44 -0.05	18.84 1.35 -0.62	20.05 1.43 -0.68	21.59 1.65 0.00	26.23 2.02 -3.19	29.49 2.32 -5.31	29.80 2.41 -5.05	32.67 2.45 -7.70	33.79 2.58 -7.52	34.18 2.66 -7.13	36.27 2.83 -7.46	37.82 3.07 -7.12	39.18 3.16 -7.04	42.94 4.01 -2.85	44.31 4.74 -0.99	43.60 4.61 -0.26	42.75 3.50 -2.83	42.14 2.95 -7.77	37.90 2.82 -6.02	35.11 2.46 -7.56	33.66 2.29 -8.28
BROOME_2_LFGE 323671	23.10 0.52 0.00	21.10 0.39 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.23 0.37 0.00	18.35 0.41 0.00	20.41 0.48 0.00	21.49 0.46 0.00	22.34 0.48 0.00	22.87 0.54 0.00	23.08 0.56 0.00	24.35 0.66 0.00	25.07 0.68 0.00	26.70 0.73 0.00	28.38 0.75 0.00	29.83 0.84 0.00	37.02 0.94 0.00	39.72 1.16 0.00	39.94 1.20 0.00	37.29 0.87 0.00	32.33 0.91 0.00	29.90 0.84 0.00	25.79 0.70 0.00	23.76 0.67 0.00
BROOME___LFGE 323600	23.10 0.52 0.00	21.10 0.39 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.23 0.37 0.00	18.35 0.41 0.00	20.41 0.48 0.00	21.49 0.46 0.00	22.34 0.48 0.00	22.87 0.54 0.00	23.08 0.56 0.00	24.35 0.66 0.00	25.07 0.68 0.00	26.70 0.73 0.00	28.38 0.75 0.00	29.83 0.84 0.00	37.02 0.94 0.00	39.72 1.16 0.00	39.94 1.20 0.00	37.29 0.87 0.00	32.33 0.91 0.00	29.90 0.84 0.00	25.79 0.70 0.00	23.76 0.67 0.00
BROWNFLS_115KV_TB_3_5 80003	21.81 -0.77 0.00	20.09 -0.62 0.00	18.30 -0.47 0.00	17.18 -0.37 0.00	16.49 -0.37 0.00	17.43 -0.50 0.00	19.14 -0.80 0.00	20.19 -0.84 0.00	20.92 -0.94 0.00	21.35 -0.98 0.00	21.57 -0.95 0.00	22.63 -1.07 0.00	23.29 -1.10 0.00	24.70 -1.27 0.00	26.28 -1.35 0.00	27.62 -1.36 0.00	34.57 -1.52 0.00	37.10 -1.47 0.00	37.38 -1.36 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.54 -0.55 0.00
BROWNSV1_27_KV_LOAD 356125	24.61 2.03 0.00	22.41 1.70 0.00	20.21 1.45 0.00	18.81 1.26 0.00	18.01 1.15 0.00	19.17 1.24 0.00	21.43 1.49 0.00	22.86 1.83 0.00	24.03 2.16 0.00	24.59 2.26 0.00	24.84 2.32 0.00	26.18 2.49 0.00	26.95 2.56 0.00	28.67 2.70 0.00	30.59 2.96 0.00	32.00 3.01 0.00	40.09 3.86 -0.15	43.24 4.67 0.00	43.23 4.49 0.00	39.74 3.31 0.00	34.09 2.67 0.00	31.70 2.64 0.00	27.43 2.33 0.00	25.26 2.17 0.00
BURROWS___LYONSDAL 23803	22.60 0.02 0.00	20.75 0.04 0.00	18.82 0.06 0.00	17.68 0.14 0.00	17.00 0.13 0.00	18.08 0.14 0.00	20.03 0.10 0.00	21.15 0.13 0.00	21.95 0.09 0.00	22.38 0.04 0.00	22.70 0.18 0.00	23.83 0.14 0.00	24.54 0.15 0.00	25.95 -0.03 0.00	27.58 -0.06 0.00	29.07 0.09 0.00	36.26 0.18 0.00	39.15 0.58 0.00	39.43 0.70 0.00	37.19 0.76 0.00	32.04 0.63 0.00	29.55 0.49 0.00	25.44 0.35 0.00	23.39 0.30 0.00
CAITHNESS_CC_1 323624	32.30 2.78 -6.94	28.50 2.38 -5.41	25.45 2.10 -4.58	19.51 1.91 -0.05	19.29 1.81 -0.62	20.51 1.90 -0.68	22.02 2.09 0.00	26.69 2.48 -3.19	30.02 2.84 -5.31	30.25 2.86 -5.05	32.96 2.75 -7.70	34.15 2.94 -7.52	39.68 3.05 -12.24	47.72 3.17 -18.59	64.97 3.40 -33.94	86.97 3.45 -54.54	132.39 4.33 -91.98	139.80 5.09 -96.14	137.79 5.07 -93.98	131.69 4.01 -91.26	127.61 3.39 -92.80	72.77 3.28 -40.44	46.62 2.96 -18.57	34.24 2.82 -8.34
CALPINE BETH_PAGE_GT4 24209	31.69 2.17 -6.94	28.05 1.93 -5.41	25.07 1.73 -4.58	19.16 1.56 -0.05	18.95 1.47 -0.62	20.17 1.56 -0.68	21.71 1.77 0.00	26.36 2.14 -3.19	29.56 2.38 -5.31	29.80 2.41 -5.05	32.52 2.30 -7.70	33.67 2.46 -7.52	34.22 2.56 -7.27	36.41 2.68 -7.76	39.50 2.87 -8.99	39.61 2.96 -7.67	43.87 3.75 -4.04	45.30 4.47 -2.26	44.62 4.38 -1.51	43.75 3.31 -4.01	43.11 2.80 -8.90	38.24 2.70 -6.48	35.85 2.43 -8.32	33.61 2.24 -8.28
CALPINE_BETH_PAGE_GT_4 323586	31.69 2.17 -6.94	28.05 1.93 -5.41	25.09 1.75 -4.58	19.16 1.56 -0.05	18.95 1.47 -0.62	20.17 1.56 -0.68	21.71 1.77 0.00	26.36 2.15 -3.19	29.56 2.38 -5.31	29.80 2.41 -5.05	32.52 2.30 -7.70	33.67 2.46 -7.52	34.25 2.58 -7.27	36.43 2.70 -7.76	39.52 2.90 -8.99	39.61 2.96 -7.67	43.87 3.75 -4.04	45.30 4.47 -2.26	44.62 4.38 -1.51	43.75 3.31 -4.01	43.11 2.79 -8.90	38.24 2.70 -6.48	35.85 2.43 -8.32	33.64 2.26 -8.28
CALPINE_BP_GT1 23823	31.69 2.17 -6.94	28.05 1.93 -5.41	25.09 1.75 -4.58	19.16 1.56 -0.05	18.95 1.47 -0.62	20.17 1.56 -0.68	21.71 1.77 0.00	26.36 2.15 -3.19	29.56 2.38 -5.31	29.80 2.41 -5.05	32.52 2.30 -7.70	33.67 2.46 -7.52	34.25 2.58 -7.27	36.43 2.70 -7.76	39.52 2.90 -8.99	39.61 2.96 -7.67	43.87 3.75 -4.04	45.30 4.47 -2.26	44.62 4.38 -1.51	43.75 3.31 -4.01	43.11 2.79 -8.90	38.24 2.70 -6.48	35.85 2.43 -8.32	33.64 2.26 -8.28
CALSPAN___DRP 24200	23.17 0.59 0.00	21.10 0.39 0.00	19.24 0.47 0.00	18.00 0.46 0.00	17.39 0.52 0.00	18.51 0.57 0.00	20.41 0.48 0.00	21.20 0.17 0.00	21.97 0.11 0.00	22.76 0.42 0.00	22.92 0.41 0.00	24.36 0.66 0.00	25.22 0.83 0.00	26.49 0.52 0.00	28.19 0.55 0.00	29.54 0.55 0.00	36.12 0.04 0.00	38.80 0.23 0.00	39.08 0.35 0.00	36.68 0.25 0.00	32.04 0.63 0.00	29.72 0.67 0.00	25.79 0.70 0.00	24.01 0.92 0.00
CALVERTON___SOLAR 323806	32.55 3.03 -6.94	28.73 2.61 -5.41	25.64 2.29 -4.58	19.69 2.09 -0.05	19.46 1.97 -0.62	20.71 2.10 -0.68	22.22 2.29 0.00	26.91 2.69 -3.19	30.24 3.06 -5.31	30.47 3.08 -5.05	33.21 3.00 -7.70	34.43 3.22 -7.52	40.02 3.34 -12.28	48.14 3.50 -18.66	65.49 3.76 -34.10	87.77 3.89 -54.90	133.59 4.87 -92.64	141.13 5.71 -96.85	139.11 5.70 -94.68	132.89 4.55 -91.92	128.74 3.89 -93.43	73.47 3.72 -40.69	47.04 3.31 -18.63	34.54 3.12 -8.34
CANDIGU_WT_PWR 323617	23.06 0.47 0.00	21.04 0.33 0.00	19.11 0.34 0.00	17.91 0.37 0.00	17.28 0.42 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.36 0.34 0.00	22.19 0.33 0.00	22.83 0.49 0.00	23.01 0.49 0.00	24.38 0.69 0.00	25.03 0.63 0.00	26.62 0.65 0.00	28.24 0.61 0.00	29.68 0.69 0.00	36.52 0.43 0.00	39.26 0.69 0.00	39.59 0.85 0.00	37.08 0.66 0.00	32.29 0.88 0.00	29.92 0.87 0.00	25.90 0.80 0.00	23.97 0.88 0.00
CARR STREET_E_SYR 24060	22.60 0.02 0.00	20.67 -0.04 0.00	18.73 -0.04 0.00	17.54 0.00 0.00	16.88 0.02 0.00	17.97 0.04 0.00	19.99 0.06 0.00	21.09 0.06 0.00	21.86 0.00 0.00	22.34 0.00 0.00	22.58 0.07 0.00	23.81 0.12 0.00	24.54 0.15 0.00	26.05 0.08 0.00	27.63 0.00 0.00	29.01 0.03 0.00	36.05 -0.04 0.00	38.65 0.08 0.00	38.81 0.08 0.00	36.39 -0.04 0.00	31.38 -0.03 0.00	29.00 -0.06 0.00	25.12 0.03 0.00	23.16 0.07 0.00
CARTHAGE___PAPER 23857	22.31 -0.27 0.00	20.48 -0.23 0.00	18.60 -0.17 0.00	17.49 -0.05 0.00	16.81 -0.05 0.00	17.86 -0.07 0.00	19.71 -0.22 0.00	20.78 -0.25 0.00	21.49 -0.37 0.00	21.87 -0.47 0.00	22.13 -0.38 0.00	23.27 -0.43 0.00	23.95 -0.44 0.00	25.35 -0.62 0.00	26.94 -0.69 0.00	28.41 -0.58 0.00	35.54 -0.54 0.00	38.45 -0.12 0.00	38.85 0.12 0.00	36.86 0.44 0.00	31.76 0.35 0.00	29.28 0.23 0.00	25.17 0.08 0.00	23.14 0.05 0.00

CASSADAGA_WT_PWR 323784	23.55 0.97 0.00	21.58 0.87 0.00	19.69 0.92 0.00	18.40 0.86 0.00	17.76 0.89 0.00	19.01 1.08 0.00	21.07 1.14 0.00	21.95 0.92 0.00	22.67 0.81 0.00	23.59 1.25 0.00	23.80 1.28 0.00	25.23 1.54 0.00	25.71 1.32 0.00	27.30 1.32 0.00	28.82 1.19 0.00	30.40 1.42 0.00	37.17 1.08 0.00	39.84 1.27 0.00	40.17 1.43 0.00	37.77 1.35 0.00	33.08 1.66 0.00	30.86 1.80 0.00	26.70 1.61 0.00	24.75 1.66 0.00
CE_DUNWOOD___DRP 24194	24.25 1.67 0.00	22.10 1.39 0.00	19.95 1.18 0.00	18.58 1.04 0.00	17.81 0.94 0.00	18.96 1.02 0.00	21.17 1.24 0.00	22.54 1.51 0.00	23.66 1.79 0.00	24.17 1.83 0.00	24.39 1.87 0.00	25.68 1.99 0.00	26.44 2.05 0.00	28.13 2.16 0.00	30.01 2.38 0.00	31.39 2.41 0.00	39.33 3.10 -0.15	42.35 3.78 0.00	42.38 3.64 0.00	39.04 2.62 0.00	33.61 2.20 0.00	31.17 2.12 0.00	26.97 1.88 0.00	24.80 1.71 0.00
CE_MILLWOOD___DRP 24193	24.18 1.60 0.00	22.04 1.33 0.00	19.89 1.13 0.00	18.54 1.00 0.00	17.77 0.91 0.00	18.90 0.97 0.00	21.11 1.18 0.00	22.48 1.45 0.00	23.59 1.73 0.00	24.10 1.76 0.00	24.32 1.80 0.00	25.59 1.90 0.00	26.34 1.95 0.00	28.05 2.08 0.00	29.90 2.27 0.00	31.30 2.32 0.00	39.19 2.96 -0.14	42.19 3.63 0.00	42.22 3.49 0.00	38.93 2.51 0.00	33.52 2.10 0.00	31.09 2.03 0.00	26.87 1.78 0.00	24.73 1.64 0.00
CE_NYC2_DRP 24202	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.23 1.30 0.00	22.67 1.64 0.00	23.83 1.97 0.00	24.39 2.06 0.00	24.66 2.14 0.00	27.09 2.32 -1.08	27.11 2.39 -0.33	29.08 2.52 -0.58	30.45 2.76 -0.05	31.77 2.78 0.00	39.81 3.57 -0.15	42.90 4.32 -0.01	42.88 4.14 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.52 2.47 0.00	27.28 2.18 0.00	25.10 2.01 0.00
CE_NYC_DRP 24195	24.41 1.83 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.61 2.09 0.00	25.92 2.23 0.00	26.71 2.32 0.00	28.41 2.44 0.00	30.31 2.68 0.00	31.68 2.70 0.00	39.70 3.46 -0.15	42.77 4.20 0.00	42.76 4.03 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.18 2.08 0.00	25.01 1.92 0.00
CHAFFEE___LFGE 323603	23.19 0.61 0.00	21.12 0.41 0.00	19.25 0.49 0.00	18.03 0.49 0.00	17.39 0.52 0.00	18.54 0.61 0.00	20.43 0.50 0.00	21.24 0.21 0.00	22.04 0.17 0.00	22.85 0.51 0.00	23.01 0.49 0.00	24.47 0.78 0.00	25.05 0.66 0.00	26.62 0.65 0.00	28.27 0.64 0.00	29.71 0.72 0.00	36.30 0.22 0.00	39.03 0.46 0.00	39.32 0.58 0.00	36.89 0.47 0.00	32.20 0.79 0.00	29.87 0.81 0.00	25.90 0.80 0.00	24.08 0.99 0.00
CHATEAUG_35_KV_LOAD 355732	21.25 -1.33 0.00	19.61 -1.10 0.00	17.79 -0.98 0.00	16.61 -0.93 0.00	15.95 -0.91 0.00	16.89 -1.04 0.00	18.76 -1.18 0.00	19.91 -1.11 0.00	20.73 -1.14 0.00	21.13 -1.21 0.00	21.17 -1.35 0.00	22.08 -1.61 0.00	22.66 -1.73 0.00	24.34 -1.64 0.00	25.92 -1.71 0.00	27.19 -1.80 0.00	34.21 -1.88 0.00	36.64 -1.93 0.00	36.99 -1.74 0.00	35.22 -1.20 0.00	30.28 -1.13 0.00	27.89 -1.16 0.00	24.01 -1.08 0.00	22.07 -1.02 0.00
CHATEAUG_WT_PWR 323614	21.20 -1.38 0.00	19.57 -1.14 0.00	17.77 -1.00 0.00	16.58 -0.96 0.00	15.92 -0.94 0.00	16.86 -1.08 0.00	18.72 -1.22 0.00	19.91 -1.12 0.00	20.73 -1.14 0.00	21.13 -1.21 0.00	21.17 -1.35 0.00	22.06 -1.63 0.00	22.66 -1.73 0.00	24.31 -1.66 0.00	25.89 -1.74 0.00	27.16 -1.83 0.00	34.21 -1.88 0.00	36.68 -1.89 0.00	37.03 -1.70 0.00	35.22 -1.20 0.00	30.29 -1.13 0.00	27.89 -1.16 0.00	23.99 -1.10 0.00	22.07 -1.02 0.00
CHAT_HIGH_FALL_HYD 323578	21.25 -1.33 0.00	19.61 -1.10 0.00	17.79 -0.98 0.00	16.61 -0.93 0.00	15.95 -0.91 0.00	16.89 -1.04 0.00	18.76 -1.18 0.00	19.91 -1.12 0.00	20.73 -1.14 0.00	21.13 -1.21 0.00	21.17 -1.35 0.00	22.08 -1.61 0.00	22.68 -1.71 0.00	24.34 -1.64 0.00	25.92 -1.71 0.00	27.19 -1.80 0.00	34.21 -1.88 0.00	36.64 -1.93 0.00	36.99 -1.74 0.00	35.22 -1.20 0.00	30.29 -1.13 0.00	27.89 -1.16 0.00	24.01 -1.08 0.00	22.07 -1.02 0.00
CHAUTAUQUA___LFGE 323629	23.46 0.88 0.00	21.41 0.70 0.00	19.54 0.77 0.00	18.28 0.74 0.00	17.64 0.78 0.00	18.83 0.90 0.00	20.83 0.90 0.00	21.68 0.65 0.00	22.48 0.61 0.00	23.30 0.96 0.00	23.48 0.97 0.00	24.92 1.23 0.00	25.46 1.07 0.00	27.06 1.09 0.00	28.68 1.05 0.00	30.17 1.19 0.00	36.88 0.79 0.00	39.57 1.00 0.00	39.90 1.16 0.00	37.41 0.98 0.00	32.73 1.32 0.00	30.45 1.39 0.00	26.37 1.28 0.00	24.47 1.39 0.00
CHERRYST_13_KV_LD 356241	24.48 1.90 0.00	22.26 1.55 0.00	20.10 1.33 0.00	18.70 1.16 0.00	17.92 1.06 0.00	19.08 1.15 0.00	21.31 1.38 0.00	22.75 1.72 0.00	23.92 2.06 0.00	24.48 2.14 0.00	24.72 2.21 0.00	26.04 2.35 0.00	26.83 2.44 0.00	28.54 2.57 0.00	30.45 2.82 0.00	31.83 2.84 0.00	39.88 3.64 -0.15	42.97 4.40 0.00	42.96 4.22 0.00	39.44 3.02 0.00	33.87 2.45 0.00	31.46 2.41 0.00	27.25 2.16 0.00	25.10 2.01 0.00
CHESTROR_138KV_BK263 355645	23.89 1.31 0.00	21.81 1.10 0.00	19.69 0.92 0.00	18.37 0.82 0.00	17.59 0.73 0.00	18.72 0.79 0.00	20.89 0.96 0.00	22.18 1.16 0.00	23.24 1.38 0.00	23.75 1.41 0.00	23.94 1.42 0.00	25.21 1.52 0.00	25.95 1.56 0.00	27.61 1.64 0.00	29.46 1.82 0.00	30.87 1.88 0.00	38.62 2.42 -0.12	41.54 2.97 0.00	41.60 2.87 0.00	38.46 2.04 0.00	33.17 1.76 0.00	30.71 1.66 0.00	26.55 1.46 0.00	24.43 1.34 0.00
CH_MIDHUDSON___DRP 24192	24.12 1.54 0.00	21.97 1.26 0.00	19.86 1.09 0.00	18.51 0.96 0.00	17.72 0.86 0.00	18.87 0.93 0.00	21.05 1.12 0.00	22.37 1.35 0.00	23.44 1.57 0.00	23.95 1.61 0.00	24.16 1.64 0.00	25.40 1.71 0.00	26.15 1.76 0.00	27.87 1.90 0.00	29.71 2.07 0.00	31.13 2.14 0.00	38.92 2.74 -0.10	41.96 3.39 0.00	42.03 3.29 0.00	38.83 2.40 0.00	33.46 2.04 0.00	30.97 1.92 0.00	26.77 1.68 0.00	24.64 1.55 0.00
CH_MISC_IPPS 23765	24.23 1.65 0.00	22.08 1.37 0.00	19.95 1.18 0.00	18.58 1.03 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.44 1.41 0.00	23.52 1.66 0.00	24.03 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.30 2.32 0.00	39.22 3.03 -0.11	42.23 3.67 0.00	42.34 3.60 0.00	39.08 2.66 0.00	33.71 2.29 0.00	31.17 2.12 0.00	26.95 1.86 0.00	24.77 1.68 0.00
CH_RES_BVR_FALLS 23983	22.13 -0.45 0.00	20.38 -0.33 0.00	18.49 -0.28 0.00	17.28 -0.26 0.00	16.61 -0.25 0.00	17.65 -0.29 0.00	19.55 -0.38 0.00	20.61 -0.42 0.00	21.43 -0.44 0.00	21.89 -0.45 0.00	22.07 -0.45 0.00	23.17 -0.52 0.00	23.86 -0.54 0.00	25.42 -0.55 0.00	27.05 -0.58 0.00	28.35 -0.64 0.00	35.36 -0.72 0.00	37.61 -0.96 0.00	37.77 -0.97 0.00	35.77 -0.65 0.00	30.82 -0.60 0.00	28.50 -0.55 0.00	24.61 -0.48 0.00	22.65 -0.44 0.00

CH_RES_NIAGARA 23895	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.85 -0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.44 -0.59 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	23.93 -0.46 0.00	25.42 -0.55 0.00	27.00 -0.63 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.18 -1.24 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
CH_RES_SYRACUSE 23985	22.76 0.18 0.00	20.81 0.10 0.00	18.86 0.09 0.00	17.67 0.12 0.00	17.00 0.13 0.00	18.09 0.16 0.00	20.13 0.20 0.00	21.24 0.21 0.00	21.97 0.11 0.00	22.45 0.11 0.00	22.68 0.16 0.00	23.93 0.24 0.00	24.66 0.27 0.00	26.20 0.23 0.00	27.85 0.22 0.00	29.27 0.29 0.00	36.37 0.29 0.00	39.07 0.50 0.00	39.20 0.47 0.00	36.75 0.33 0.00	31.73 0.31 0.00	29.31 0.26 0.00	25.32 0.23 0.00	23.30 0.21 0.00
CLINTON_WT_PWR 323605	21.20 -1.38 0.00	19.57 -1.14 0.00	17.77 -1.00 0.00	16.58 -0.96 0.00	15.92 -0.94 0.00	16.86 -1.08 0.00	18.72 -1.22 0.00	19.91 -1.12 0.00	20.73 -1.14 0.00	21.13 -1.21 0.00	21.17 -1.35 0.00	22.06 -1.63 0.00	22.66 -1.73 0.00	24.31 -1.66 0.00	25.89 -1.74 0.00	27.16 -1.83 0.00	34.21 -1.88 0.00	36.68 -1.89 0.00	37.03 -1.70 0.00	35.22 -1.20 0.00	30.29 -1.13 0.00	27.89 -1.16 0.00	23.99 -1.10 0.00	22.07 -1.02 0.00
CLINTON___LFGE 323618	21.34 -1.24 0.00	19.68 -1.03 0.00	17.87 -0.90 0.00	16.67 -0.88 0.00	16.00 -0.86 0.00	16.96 -0.97 0.00	18.84 -1.10 0.00	20.06 -0.97 0.00	20.88 -0.98 0.00	21.27 -1.07 0.00	21.30 -1.22 0.00	22.20 -1.49 0.00	22.81 -1.59 0.00	24.49 -1.48 0.00	26.09 -1.55 0.00	27.33 -1.65 0.00	34.43 -1.66 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.50 -0.91 0.00	28.12 -0.93 0.00	24.19 -0.90 0.00	22.21 -0.88 0.00
COBBLENY_34_KV_TB1 80064	23.19 0.61 0.00	21.12 0.41 0.00	19.26 0.49 0.00	18.04 0.49 0.00	17.42 0.56 0.00	18.54 0.61 0.00	20.43 0.50 0.00	21.26 0.23 0.00	22.04 0.17 0.00	22.85 0.51 0.00	23.01 0.50 0.00	24.47 0.78 0.00	25.34 0.95 0.00	26.62 0.65 0.00	28.35 0.72 0.00	29.71 0.72 0.00	36.30 0.22 0.00	39.03 0.46 0.00	39.32 0.58 0.00	36.86 0.44 0.00	32.23 0.82 0.00	29.87 0.81 0.00	25.90 0.80 0.00	24.08 0.99 0.00
COFFEEN___115KV_TB3 355620	22.65 0.07 0.00	20.79 0.08 0.00	18.86 0.09 0.00	17.72 0.18 0.00	17.03 0.17 0.00	18.11 0.18 0.00	20.03 0.10 0.00	21.09 0.06 0.00	21.80 -0.07 0.00	22.18 -0.16 0.00	22.49 -0.02 0.00	23.67 -0.02 0.00	24.37 -0.02 0.00	25.79 -0.18 0.00	27.41 -0.22 0.00	28.96 -0.03 0.00	36.19 0.11 0.00	39.19 0.62 0.00	39.70 0.97 0.00	37.62 1.20 0.00	32.42 1.01 0.00	29.87 0.81 0.00	25.59 0.50 0.00	23.48 0.39 0.00
COLDSPRG_115KV_BK1 355956	23.73 1.15 0.00	21.66 0.95 0.00	19.80 1.03 0.00	18.51 0.96 0.00	17.89 1.03 0.00	19.10 1.17 0.00	21.15 1.22 0.00	22.10 1.07 0.00	22.85 0.98 0.00	23.77 1.43 0.00	23.98 1.46 0.00	25.42 1.73 0.00	26.27 1.88 0.00	27.53 1.56 0.00	29.18 1.55 0.00	30.69 1.71 0.00	37.49 1.41 0.00	40.19 1.62 0.00	40.52 1.78 0.00	37.99 1.57 0.00	33.33 1.92 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.84 1.75 0.00
COLONIE_LFGE___ 323577	23.71 1.13 0.00	21.64 0.93 0.00	19.57 0.81 0.00	18.26 0.72 0.00	17.57 0.71 0.00	18.70 0.77 0.00	20.83 0.90 0.00	22.02 0.99 0.00	23.00 1.14 0.00	23.48 1.14 0.00	23.64 1.13 0.00	24.88 1.18 0.00	25.56 1.17 0.00	27.24 1.27 0.00	29.01 1.38 0.00	30.40 1.42 0.00	37.63 1.77 0.22	40.80 2.24 0.00	41.06 2.32 0.00	38.24 1.82 0.00	33.02 1.60 0.00	30.53 1.48 0.00	26.32 1.23 0.00	24.20 1.11 0.00
COOPERNY_115KV_TB1 80082	23.55 0.97 0.00	21.52 0.81 0.00	19.46 0.69 0.00	18.16 0.61 0.00	17.42 0.56 0.00	18.53 0.59 0.00	20.65 0.72 0.00	21.91 0.88 0.00	22.91 1.05 0.00	23.41 1.07 0.00	23.60 1.08 0.00	24.83 1.14 0.00	25.59 1.20 0.00	27.22 1.25 0.00	29.02 1.38 0.00	30.43 1.45 0.00	37.99 1.84 -0.07	40.84 2.28 0.00	40.94 2.21 0.00	37.99 1.57 0.00	32.77 1.35 0.00	30.33 1.28 0.00	26.20 1.10 0.00	24.08 0.99 0.00
COPENHAGEN_WT_PWR 323753	22.49 -0.09 0.00	20.65 -0.06 0.00	18.73 -0.04 0.00	17.58 0.04 0.00	16.90 0.03 0.00	17.97 0.04 0.00	19.89 -0.04 0.00	20.94 -0.08 0.00	21.65 -0.22 0.00	22.07 -0.27 0.00	22.34 -0.18 0.00	23.50 -0.19 0.00	24.17 -0.22 0.00	25.63 -0.34 0.00	27.25 -0.39 0.00	28.72 -0.26 0.00	35.90 -0.18 0.00	38.84 0.27 0.00	39.24 0.50 0.00	37.15 0.73 0.00	32.01 0.60 0.00	29.49 0.44 0.00	25.34 0.25 0.00	23.27 0.18 0.00
CORNELL___ 23752	23.24 0.65 0.00	21.25 0.54 0.00	19.24 0.47 0.00	18.04 0.49 0.00	17.37 0.51 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.70 0.67 0.00	22.54 0.68 0.00	22.99 0.65 0.00	23.22 0.70 0.00	24.47 0.78 0.00	25.27 0.88 0.00	26.85 0.88 0.00	28.57 0.94 0.00	30.09 1.10 0.00	37.35 1.26 0.00	40.11 1.54 0.00	40.40 1.67 0.00	37.88 1.46 0.00	32.77 1.35 0.00	30.24 1.19 0.00	26.05 0.95 0.00	23.97 0.88 0.00
CORONA_AV_69_KV_TB1 355595	31.78 2.26 -6.94	28.05 1.93 -5.41	25.02 1.67 -4.58	19.09 1.49 -0.05	18.87 1.38 -0.62	20.08 1.47 -0.68	21.61 1.67 0.00	26.25 2.04 -3.19	29.49 2.32 -5.31	29.76 2.37 -5.05	32.54 2.32 -7.70	33.70 2.49 -7.52	34.06 2.59 -7.09	36.19 2.75 -7.46	37.77 3.01 -7.12	39.13 3.10 -7.04	42.87 3.93 -2.85	44.23 4.67 -0.99	43.57 4.57 -0.26	42.75 3.50 -2.83	42.14 2.95 -7.77	37.90 2.82 -6.02	35.24 2.58 -7.56	33.73 2.36 -8.28
CORTLAND_115KV_TB3 80093	23.06 0.47 0.00	21.06 0.35 0.00	19.09 0.32 0.00	17.88 0.33 0.00	17.20 0.34 0.00	18.31 0.38 0.00	20.39 0.46 0.00	21.51 0.48 0.00	22.32 0.46 0.00	22.81 0.47 0.00	23.04 0.52 0.00	24.28 0.59 0.00	25.05 0.66 0.00	26.62 0.65 0.00	28.32 0.69 0.00	29.77 0.78 0.00	36.99 0.90 0.00	39.73 1.16 0.00	39.94 1.20 0.00	37.40 0.98 0.00	32.36 0.94 0.00	29.87 0.81 0.00	25.77 0.68 0.00	23.69 0.60 0.00
COXSACKIE___GT 23611	24.16 1.58 0.00	21.99 1.28 0.00	19.89 1.13 0.00	18.60 1.05 0.00	17.79 0.93 0.00	18.97 1.04 0.00	21.17 1.24 0.00	22.27 1.24 0.00	23.20 1.33 0.00	23.61 1.27 0.00	23.71 1.19 0.00	24.90 1.21 0.00	25.68 1.29 0.00	27.48 1.51 0.00	29.35 1.71 0.00	30.75 1.77 0.00	38.68 2.67 0.08	41.69 3.12 0.00	42.10 3.37 0.00	39.37 2.95 0.00	34.08 2.67 0.00	31.44 2.38 0.00	27.00 1.91 0.00	24.75 1.66 0.00
CPV_VALLEY___CC1 323721	23.71 1.13 0.00	21.64 0.93 0.00	19.56 0.79 0.00	18.23 0.68 0.00	17.47 0.61 0.00	18.60 0.66 0.00	20.75 0.82 0.00	22.04 1.01 0.00	23.07 1.20 0.00	23.57 1.23 0.00	23.75 1.24 0.00	24.99 1.30 0.00	25.78 1.39 0.00	27.40 1.43 0.00	29.24 1.60 0.00	30.61 1.62 0.00	38.28 2.09 -0.10	41.15 2.58 0.00	41.25 2.52 0.00	38.13 1.71 0.00	32.89 1.48 0.00	30.45 1.39 0.00	26.32 1.23 0.00	24.22 1.13 0.00

CPV_VALLEY___CC2 323722	23.71 1.13 0.00	21.64 0.93 0.00	19.56 0.79 0.00	18.23 0.68 0.00	17.47 0.61 0.00	18.60 0.66 0.00	20.75 0.82 0.00	22.04 1.01 0.00	23.07 1.20 0.00	23.57 1.23 0.00	23.75 1.24 0.00	24.99 1.30 0.00	25.78 1.39 0.00	27.40 1.43 0.00	29.24 1.60 0.00	30.61 1.62 0.00	38.28 2.09 -0.10	41.15 2.58 0.00	41.25 2.52 0.00	38.13 1.71 0.00	32.89 1.48 0.00	30.45 1.39 0.00	26.32 1.23 0.00	24.22 1.13 0.00
CRESCENT___HYD 24018	23.71 1.13 0.00	21.64 0.93 0.00	19.57 0.81 0.00	18.26 0.72 0.00	17.57 0.71 0.00	18.70 0.77 0.00	20.83 0.90 0.00	22.02 0.99 0.00	23.00 1.14 0.00	23.48 1.14 0.00	23.64 1.13 0.00	24.88 1.18 0.00	25.56 1.17 0.00	27.24 1.27 0.00	29.01 1.38 0.00	30.40 1.42 0.00	37.63 1.77 0.22	40.80 2.24 0.00	41.06 2.32 0.00	38.24 1.82 0.00	33.02 1.60 0.00	30.53 1.48 0.00	26.32 1.23 0.00	24.20 1.11 0.00
CRICKET___VALLEY_CC1 323756	23.89 1.31 0.00	21.79 1.08 0.00	19.69 0.92 0.00	18.35 0.81 0.00	17.62 0.76 0.00	18.74 0.81 0.00	20.89 0.96 0.00	22.20 1.18 0.00	23.24 1.38 0.00	23.75 1.41 0.00	23.91 1.40 0.00	25.14 1.45 0.00	25.88 1.49 0.00	27.53 1.56 0.00	29.29 1.66 0.00	30.67 1.68 0.00	35.99 2.13 2.22	41.27 2.70 0.00	41.37 2.64 0.00	38.24 1.82 0.00	32.95 1.54 0.00	30.53 1.48 0.00	26.42 1.33 0.00	24.34 1.25 0.00
CRICKET___VALLEY_CC2 323757	23.89 1.31 0.00	21.79 1.08 0.00	19.69 0.92 0.00	18.35 0.81 0.00	17.62 0.76 0.00	18.74 0.81 0.00	20.89 0.96 0.00	22.20 1.18 0.00	23.24 1.38 0.00	23.75 1.41 0.00	23.91 1.40 0.00	25.14 1.45 0.00	25.88 1.49 0.00	27.53 1.56 0.00	29.29 1.66 0.00	30.67 1.68 0.00	35.99 2.13 2.22	41.27 2.70 0.00	41.37 2.64 0.00	38.24 1.82 0.00	32.95 1.54 0.00	30.53 1.48 0.00	26.42 1.33 0.00	24.34 1.25 0.00
CRICKET___VALLEY_CC3 323758	23.89 1.31 0.00	21.79 1.08 0.00	19.69 0.92 0.00	18.35 0.81 0.00	17.62 0.76 0.00	18.74 0.81 0.00	20.89 0.96 0.00	22.20 1.18 0.00	23.24 1.38 0.00	23.75 1.41 0.00	23.91 1.40 0.00	25.14 1.45 0.00	25.88 1.49 0.00	27.53 1.56 0.00	29.29 1.66 0.00	30.67 1.68 0.00	35.99 2.13 2.22	41.27 2.70 0.00	41.37 2.64 0.00	38.24 1.82 0.00	32.95 1.54 0.00	30.53 1.48 0.00	26.42 1.33 0.00	24.34 1.25 0.00
CRUCIBLE_METL_DRP 24180	22.76 0.18 0.00	20.81 0.10 0.00	18.86 0.09 0.00	17.67 0.12 0.00	17.00 0.13 0.00	18.09 0.16 0.00	20.13 0.20 0.00	21.24 0.21 0.00	21.97 0.11 0.00	22.45 0.11 0.00	22.67 0.16 0.00	23.93 0.24 0.00	24.68 0.29 0.00	26.21 0.23 0.00	27.88 0.25 0.00	29.27 0.29 0.00	36.34 0.25 0.00	39.07 0.50 0.00	39.20 0.46 0.00	36.75 0.33 0.00	31.73 0.31 0.00	29.31 0.26 0.00	25.32 0.23 0.00	23.30 0.21 0.00
DAHOWA___HYDRO 323763	23.96 1.38 0.00	21.83 1.12 0.00	19.74 0.98 0.00	18.39 0.84 0.00	17.72 0.86 0.00	18.87 0.93 0.00	21.07 1.14 0.00	22.20 1.18 0.00	23.20 1.33 0.00	23.66 1.32 0.00	23.71 1.19 0.00	24.97 1.28 0.00	25.56 1.17 0.00	27.30 1.32 0.00	29.10 1.46 0.00	30.49 1.51 0.00	37.84 1.95 0.19	41.04 2.47 0.00	41.53 2.79 0.00	38.86 2.44 0.00	33.58 2.17 0.00	31.15 2.09 0.00	26.75 1.66 0.00	24.52 1.43 0.00
DANC___LFGE 323619	22.47 -0.11 0.00	20.59 -0.12 0.00	18.67 -0.09 0.00	17.53 -0.02 0.00	16.85 -0.02 0.00	17.93 0.00 0.00	19.87 -0.06 0.00	20.94 -0.08 0.00	21.65 -0.22 0.00	22.09 -0.25 0.00	22.31 -0.20 0.00	23.53 -0.16 0.00	24.20 -0.20 0.00	25.69 -0.29 0.00	27.33 -0.30 0.00	28.75 -0.23 0.00	35.83 -0.25 0.00	38.65 0.08 0.00	38.97 0.23 0.00	36.75 0.33 0.00	31.70 0.28 0.00	29.26 0.20 0.00	25.19 0.10 0.00	23.14 0.05 0.00
DANSKAMMER___1 23586	24.23 1.65 0.00	22.08 1.37 0.00	19.95 1.18 0.00	18.58 1.03 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.44 1.41 0.00	23.52 1.66 0.00	24.03 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.30 2.32 0.00	39.22 3.03 -0.11	42.23 3.67 0.00	42.34 3.60 0.00	39.08 2.66 0.00	33.71 2.29 0.00	31.17 2.12 0.00	26.95 1.86 0.00	24.77 1.68 0.00
DANSKAMMER___2 23589	24.23 1.65 0.00	22.08 1.37 0.00	19.95 1.18 0.00	18.58 1.03 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.44 1.41 0.00	23.52 1.66 0.00	24.03 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.30 2.32 0.00	39.22 3.03 -0.11	42.23 3.67 0.00	42.34 3.60 0.00	39.08 2.66 0.00	33.71 2.29 0.00	31.17 2.12 0.00	26.95 1.86 0.00	24.77 1.68 0.00
DANSKAMMER___3 23590	24.23 1.65 0.00	22.08 1.37 0.00	19.95 1.18 0.00	18.58 1.03 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.44 1.41 0.00	23.52 1.66 0.00	24.03 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.30 2.32 0.00	39.22 3.03 -0.11	42.23 3.67 0.00	42.34 3.60 0.00	39.08 2.66 0.00	33.71 2.29 0.00	31.17 2.12 0.00	26.95 1.86 0.00	24.77 1.68 0.00
DANSKAMMER___4 23591	24.23 1.65 0.00	22.08 1.37 0.00	19.95 1.18 0.00	18.58 1.03 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.44 1.41 0.00	23.52 1.66 0.00	24.03 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.30 2.32 0.00	39.22 3.03 -0.11	42.23 3.67 0.00	42.34 3.60 0.00	39.08 2.66 0.00	33.71 2.29 0.00	31.17 2.12 0.00	26.95 1.86 0.00	24.77 1.68 0.00
DANSKAMMER___DIESEL 23592	24.23 1.65 0.00	22.08 1.37 0.00	19.95 1.18 0.00	18.58 1.04 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.44 1.41 0.00	23.53 1.66 0.00	24.04 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.27 1.88 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.30 2.32 0.00	39.22 3.03 -0.11	42.23 3.66 0.00	42.34 3.60 0.00	39.08 2.66 0.00	33.71 2.29 0.00	31.17 2.12 0.00	26.95 1.86 0.00	24.77 1.69 0.00
DARBY___SOLAR 323810	23.91 1.33 0.00	21.81 1.10 0.00	19.72 0.96 0.00	18.39 0.84 0.00	17.71 0.84 0.00	18.85 0.91 0.00	21.03 1.10 0.00	22.20 1.18 0.00	23.20 1.33 0.00	23.66 1.32 0.00	23.73 1.22 0.00	24.99 1.30 0.00	25.61 1.22 0.00	27.32 1.35 0.00	29.12 1.49 0.00	30.55 1.56 0.00	37.87 1.98 0.19	41.07 2.51 0.00	41.49 2.75 0.00	38.79 2.37 0.00	33.49 2.07 0.00	31.06 2.00 0.00	26.67 1.58 0.00	24.47 1.39 0.00
DASHVILLE___HYD 23610	23.96 1.38 0.00	21.83 1.12 0.00	19.72 0.96 0.00	18.37 0.82 0.00	17.54 0.67 0.00	18.67 0.74 0.00	20.83 0.90 0.00	22.14 1.11 0.00	23.20 1.33 0.00	23.70 1.36 0.00	23.94 1.42 0.00	25.18 1.49 0.00	25.93 1.54 0.00	27.58 1.61 0.00	29.43 1.80 0.00	30.87 1.88 0.00	38.98 2.85 -0.05	41.62 3.05 0.00	41.68 2.94 0.00	38.46 2.04 0.00	33.14 1.73 0.00	30.71 1.66 0.00	26.57 1.48 0.00	24.43 1.34 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	33.25 3.73 -6.94	29.35 3.23 -5.41	26.20 2.85 -4.58	20.20 2.60 -0.05	19.97 2.48 -0.62	21.21 2.60 -0.68	22.78 2.85 0.00	27.54 3.32 -3.19	30.94 3.76 -5.31	31.23 3.84 -5.05	34.00 3.78 -7.70	35.33 4.12 -7.52	40.96 4.27 -12.30	49.24 4.57 -18.70	66.77 4.97 -34.17	89.15 5.13 -55.03	135.40 6.42 -92.89	143.10 7.41 -97.12	141.04 7.36 -94.94	134.67 6.08 -92.17	130.24 5.15 -93.67	74.70 4.85 -40.79	48.02 4.27 -18.66	35.31 3.88 -8.34
DELAWARE___LFGE 323621	23.46 0.88 0.00	21.46 0.75 0.00	19.41 0.64 0.00	18.12 0.58 0.00	17.42 0.56 0.00	18.54 0.61 0.00	20.67 0.74 0.00	21.89 0.86 0.00	22.80 0.94 0.00	23.30 0.96 0.00	23.51 0.99 0.00	24.73 1.04 0.00	25.44 1.05 0.00	27.09 1.12 0.00	28.85 1.22 0.00	30.32 1.33 0.00	37.71 1.62 0.00	40.54 1.97 0.00	40.71 1.98 0.00	37.99 1.57 0.00	32.80 1.38 0.00	30.30 1.25 0.00	26.15 1.05 0.00	24.04 0.95 0.00
DERFIELD_115KV_TB7 355931	22.65 0.07 0.00	20.75 0.04 0.00	18.81 0.04 0.00	17.58 0.04 0.00	16.90 0.03 0.00	17.97 0.04 0.00	19.99 0.06 0.00	21.11 0.08 0.00	21.95 0.09 0.00	22.43 0.09 0.00	22.61 0.09 0.00	23.79 0.09 0.00	24.49 0.10 0.00	26.05 0.08 0.00	27.72 0.08 0.00	29.07 0.09 0.00	36.19 0.11 0.00	38.76 0.19 0.00	38.97 0.23 0.00	36.53 0.11 0.00	31.51 0.09 0.00	29.14 0.09 0.00	25.17 0.08 0.00	23.16 0.07 0.00
DOGLEVILLE___HYD 23807	22.42 -0.16 0.00	20.57 -0.14 0.00	18.62 -0.15 0.00	17.42 -0.12 0.00	16.75 -0.12 0.00	17.86 -0.07 0.00	19.87 -0.06 0.00	21.01 -0.02 0.00	21.84 -0.02 0.00	22.29 -0.04 0.00	22.63 0.11 0.00	23.69 0.00 0.00	24.39 0.00 0.00	25.87 -0.10 0.00	27.52 -0.11 0.00	28.93 -0.06 0.00	36.08 0.00 0.00	38.65 0.08 0.00	38.93 0.19 0.00	36.60 0.18 0.00	31.60 0.19 0.00	29.34 0.29 0.00	25.37 0.28 0.00	23.37 0.28 0.00
DUNKIRK___115KV_TB_200 55889	23.44 0.86 0.00	21.39 0.68 0.00	19.50 0.73 0.00	18.25 0.70 0.00	17.62 0.76 0.00	18.79 0.86 0.00	20.79 0.86 0.00	21.66 0.63 0.00	22.41 0.55 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.85 1.16 0.00	25.71 1.32 0.00	27.01 1.04 0.00	28.68 1.05 0.00	30.09 1.10 0.00	36.81 0.72 0.00	39.53 0.96 0.00	39.82 1.08 0.00	37.30 0.87 0.00	32.67 1.26 0.00	30.36 1.31 0.00	26.30 1.20 0.00	24.43 1.34 0.00
DUNKIRK___1 23563	23.44 0.86 0.00	21.39 0.68 0.00	19.50 0.73 0.00	18.25 0.70 0.00	17.62 0.76 0.00	18.79 0.86 0.00	20.79 0.86 0.00	21.66 0.63 0.00	22.41 0.55 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.85 1.16 0.00	25.71 1.32 0.00	27.01 1.04 0.00	28.68 1.05 0.00	30.09 1.10 0.00	36.81 0.72 0.00	39.53 0.96 0.00	39.82 1.08 0.00	37.30 0.87 0.00	32.67 1.26 0.00	30.36 1.31 0.00	26.30 1.20 0.00	24.43 1.34 0.00
DUNKIRK___2 23564	23.44 0.86 0.00	21.39 0.68 0.00	19.50 0.73 0.00	18.25 0.70 0.00	17.62 0.76 0.00	18.79 0.86 0.00	20.79 0.86 0.00	21.66 0.63 0.00	22.41 0.55 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.85 1.16 0.00	25.71 1.32 0.00	27.01 1.04 0.00	28.68 1.05 0.00	30.09 1.10 0.00	36.81 0.72 0.00	39.53 0.96 0.00	39.82 1.08 0.00	37.30 0.87 0.00	32.67 1.26 0.00	30.36 1.31 0.00	26.30 1.20 0.00	24.43 1.34 0.00
DUNKIRK___3 23565	23.30 0.72 0.00	21.25 0.54 0.00	19.37 0.60 0.00	18.12 0.58 0.00	17.52 0.66 0.00	18.65 0.72 0.00	20.61 0.68 0.00	21.47 0.44 0.00	22.24 0.37 0.00	23.03 0.69 0.00	23.19 0.68 0.00	24.62 0.92 0.00	25.49 1.10 0.00	26.78 0.81 0.00	28.46 0.83 0.00	29.85 0.87 0.00	36.52 0.43 0.00	39.22 0.66 0.00	39.51 0.77 0.00	37.00 0.58 0.00	32.39 0.97 0.00	30.07 1.02 0.00	26.07 0.98 0.00	24.22 1.13 0.00
DUNKIRK___4 23566	23.30 0.72 0.00	21.25 0.54 0.00	19.37 0.60 0.00	18.12 0.58 0.00	17.52 0.66 0.00	18.65 0.72 0.00	20.61 0.68 0.00	21.47 0.44 0.00	22.24 0.37 0.00	23.03 0.69 0.00	23.19 0.68 0.00	24.62 0.92 0.00	25.49 1.10 0.00	26.78 0.81 0.00	28.46 0.83 0.00	29.85 0.87 0.00	36.52 0.43 0.00	39.22 0.66 0.00	39.51 0.77 0.00	37.00 0.58 0.00	32.39 0.97 0.00	30.07 1.02 0.00	26.07 0.98 0.00	24.22 1.13 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.32 1.74 0.00	22.14 1.43 0.00	19.99 1.22 0.00	18.61 1.07 0.00	17.84 0.98 0.00	18.99 1.06 0.00	21.21 1.28 0.00	22.60 1.58 0.00	23.72 1.86 0.00	24.26 1.92 0.00	24.48 1.96 0.00	25.75 2.06 0.00	26.54 2.15 0.00	28.23 2.26 0.00	30.09 2.46 0.00	31.51 2.52 0.00	39.48 3.25 -0.15	42.50 3.93 0.00	42.53 3.80 0.00	39.19 2.77 0.00	33.71 2.29 0.00	31.26 2.21 0.00	27.05 1.96 0.00	24.89 1.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.05 1.47 0.00	21.91 1.20 0.00	19.80 1.03 0.00	18.46 0.91 0.00	17.65 0.79 0.00	18.79 0.86 0.00	20.97 1.04 0.00	22.29 1.26 0.00	23.35 1.49 0.00	23.86 1.52 0.00	24.07 1.55 0.00	25.33 1.63 0.00	26.07 1.68 0.00	27.76 1.79 0.00	29.62 1.99 0.00	31.04 2.06 0.00	38.86 2.67 -0.11	41.85 3.28 0.00	41.91 3.18 0.00	38.72 2.29 0.00	33.39 1.98 0.00	30.91 1.86 0.00	26.72 1.63 0.00	24.57 1.48 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.79 1.25 0.00	18.03 1.16 -0.01	19.06 1.13 0.00	21.13 1.20 0.00	22.58 1.56 0.00	23.72 1.86 0.00	24.30 1.97 0.00	24.57 2.05 0.00	25.90 2.20 -0.01	26.67 2.27 -0.01	28.39 2.42 -0.01	30.29 2.65 -0.01	31.74 2.75 0.00	39.85 3.61 -0.15	42.93 4.36 -0.01	42.97 4.22 -0.01	39.48 3.06 0.00	33.83 2.42 0.00	31.58 2.53 0.00	27.36 2.26 -0.01	25.20 2.10 -0.01
E179THST_13_KV_LOAD 356214	24.71 2.12 -0.01	22.50 1.78 -0.01	20.30 1.52 -0.01	18.88 1.33 0.00	18.12 1.25 -0.01	19.15 1.22 0.00	21.23 1.30 0.00	22.69 1.66 0.00	23.85 1.99 0.00	24.44 2.10 0.00	24.70 2.18 0.00	26.05 2.35 -0.01	26.84 2.44 -0.01	28.55 2.57 -0.01	30.46 2.82 -0.01	31.94 2.96 0.00	40.10 3.86 -0.15	43.24 4.67 -0.01	43.24 4.49 -0.01	39.74 3.31 0.00	34.05 2.64 0.00	31.78 2.73 0.00	27.51 2.41 -0.01	25.34 2.24 -0.01
EAST HAMPTON___GT 23717	33.66 4.13 -6.94	29.73 3.60 -5.41	26.54 3.19 -4.58	20.49 2.89 -0.05	20.24 2.75 -0.62	21.54 2.92 -0.68	23.12 3.19 0.00	27.89 3.68 -3.19	31.33 4.16 -5.31	31.66 4.27 -5.05	34.48 4.26 -7.70	35.83 4.62 -7.52	41.52 4.83 -12.30	49.84 5.17 -18.70	67.39 5.58 -34.17	89.82 5.80 -55.04	136.29 7.29 -92.91	144.08 8.37 -97.14	141.99 8.29 -94.96	135.53 6.92 -92.19	130.98 5.87 -93.69	75.37 5.52 -40.80	48.57 4.82 -18.66	35.84 4.41 -8.34
EAST RIVER___6 23660	24.36 1.78 0.00	22.16 1.45 0.00	19.99 1.22 0.00	18.61 1.07 0.00	17.84 0.98 0.00	18.96 1.02 0.00	21.19 1.26 0.00	22.61 1.58 0.00	23.77 1.90 0.00	24.35 2.01 0.00	24.54 2.03 0.00	25.85 2.16 0.00	26.66 2.27 0.00	28.39 2.42 0.00	30.31 2.68 0.00	31.65 2.66 0.00	39.70 3.46 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.32 2.27 0.00	27.12 2.03 0.00	25.00 1.92 0.00

EAST RIVER___7 23524	24.36 1.78 0.00	22.16 1.45 0.00	19.99 1.22 0.00	18.61 1.07 0.00	17.84 0.98 0.00	18.96 1.02 0.00	21.19 1.26 0.00	22.61 1.58 0.00	23.77 1.90 0.00	24.35 2.01 0.00	24.54 2.03 0.00	25.85 2.16 0.00	26.66 2.27 0.00	28.39 2.42 0.00	30.31 2.68 0.00	31.65 2.66 0.00	39.70 3.46 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.32 2.27 0.00	27.12 2.03 0.00	25.00 1.92 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.25 1.67 0.00	22.10 1.39 0.00	19.95 1.18 0.00	18.58 1.04 0.00	17.81 0.94 0.00	18.96 1.02 0.00	21.17 1.24 0.00	22.54 1.51 0.00	23.66 1.79 0.00	24.17 1.83 0.00	24.39 1.87 0.00	25.68 1.99 0.00	26.44 2.05 0.00	28.13 2.16 0.00	30.01 2.38 0.00	31.39 2.41 0.00	39.33 3.10 -0.15	42.35 3.78 0.00	42.38 3.64 0.00	39.04 2.62 0.00	33.61 2.20 0.00	31.17 2.12 0.00	26.97 1.88 0.00	24.80 1.71 0.00
EAST_HAMPTON___DIESEL 23722	33.68 4.15 -6.94	29.75 3.62 -5.41	26.54 3.19 -4.58	20.51 2.91 -0.05	20.25 2.77 -0.62	21.54 2.92 -0.68	23.14 3.21 0.00	27.89 3.68 -3.19	31.35 4.18 -5.31	31.68 4.29 -5.05	34.48 4.26 -7.70	35.83 4.62 -7.52	41.55 4.85 -12.30	49.84 5.17 -18.70	67.39 5.58 -34.17	89.82 5.80 -55.04	136.32 7.32 -92.91	144.12 8.41 -97.14	142.03 8.33 -94.96	135.53 6.92 -92.18	131.01 5.90 -93.69	75.40 5.55 -40.80	48.57 4.82 -18.66	35.84 4.41 -8.34
EAST_PULASKI___ESR 323781	22.47 -0.11 0.00	20.57 -0.14 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.81 -0.05 0.00	17.90 -0.04 0.00	19.87 -0.06 0.00	20.94 -0.08 0.00	21.67 -0.20 0.00	22.11 -0.22 0.00	22.34 -0.18 0.00	23.55 -0.14 0.00	24.29 -0.10 0.00	25.76 -0.21 0.00	27.41 -0.22 0.00	28.72 -0.26 0.00	35.72 -0.36 0.00	38.45 -0.12 0.00	38.70 -0.04 0.00	36.35 -0.07 0.00	31.38 -0.03 0.00	29.05 0.00 0.00	25.04 -0.05 0.00	23.04 -0.05 0.00
EAST_RIVER___1 323558	24.41 1.83 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.25 1.32 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.61 2.09 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.41 2.44 0.00	30.34 2.71 0.00	31.68 2.70 0.00	39.70 3.46 -0.15	42.77 4.20 0.00	42.76 4.03 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.33 0.00	27.17 2.08 0.00	25.00 1.92 0.00
EAST_RIVER___2 323559	24.36 1.78 0.00	22.16 1.45 0.00	19.99 1.22 0.00	18.61 1.07 0.00	17.84 0.98 0.00	18.96 1.02 0.00	21.19 1.26 0.00	22.61 1.58 0.00	23.77 1.90 0.00	24.35 2.01 0.00	24.54 2.03 0.00	25.85 2.16 0.00	26.66 2.27 0.00	28.39 2.42 0.00	30.31 2.68 0.00	31.65 2.66 0.00	39.70 3.46 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.32 2.27 0.00	27.12 2.03 0.00	25.00 1.92 0.00
EAST___DELAWARE_HYD 23607	23.80 1.22 0.00	21.70 0.99 0.00	19.61 0.85 0.00	18.26 0.72 0.00	17.45 0.59 0.00	18.60 0.66 0.00	20.73 0.80 0.00	22.04 1.01 0.00	23.07 1.20 0.00	23.54 1.21 0.00	23.69 1.17 0.00	24.92 1.23 0.00	25.71 1.32 0.00	27.45 1.48 0.00	29.29 1.66 0.00	30.78 1.80 0.00	38.54 2.38 -0.07	41.54 2.97 0.00	41.64 2.91 0.00	38.50 2.07 0.00	33.21 1.79 0.00	30.71 1.66 0.00	26.50 1.40 0.00	24.36 1.27 0.00
EIGHT_POINT___WT_PWR 323820	23.26 0.68 0.00	21.21 0.50 0.00	19.29 0.52 0.00	18.11 0.56 0.00	17.47 0.61 0.00	18.63 0.70 0.00	20.69 0.76 0.00	21.60 0.57 0.00	22.45 0.59 0.00	23.07 0.74 0.00	23.28 0.77 0.00	24.69 0.99 0.00	25.37 0.98 0.00	26.96 0.99 0.00	28.54 0.91 0.00	30.00 1.01 0.00	36.88 0.79 0.00	39.72 1.16 0.00	40.13 1.39 0.00	37.66 1.24 0.00	32.83 1.41 0.00	30.39 1.34 0.00	26.30 1.20 0.00	24.31 1.22 0.00
ELBRIDGE_115KV_TB2 80188	22.72 0.14 0.00	20.77 0.06 0.00	18.82 0.06 0.00	17.65 0.11 0.00	16.98 0.12 0.00	18.06 0.13 0.00	20.09 0.16 0.00	21.20 0.17 0.00	21.86 0.00 0.00	22.34 0.00 0.00	22.54 0.02 0.00	23.76 0.07 0.00	24.51 0.12 0.00	26.05 0.08 0.00	27.74 0.11 0.00	29.13 0.14 0.00	36.16 0.07 0.00	38.95 0.39 0.00	39.12 0.39 0.00	36.68 0.25 0.00	31.67 0.25 0.00	29.26 0.20 0.00	25.27 0.18 0.00	23.25 0.16 0.00
ELEC_TRO_TEK 24086	31.60 2.08 -6.94	27.88 1.76 -5.41	24.87 1.52 -4.58	18.97 1.37 -0.05	18.75 1.26 -0.62	19.98 1.36 -0.68	21.49 1.55 0.00	26.13 1.91 -3.19	29.36 2.19 -5.31	29.62 2.23 -5.05	32.42 2.21 -7.70	33.55 2.35 -7.52	33.93 2.44 -7.10	36.01 2.57 -7.46	37.55 2.79 -7.12	38.86 2.84 -7.04	42.54 3.61 -2.85	43.88 4.32 -0.99	43.22 4.22 -0.26	42.42 3.17 -2.83	41.86 2.67 -7.77	37.66 2.59 -6.02	34.98 2.33 -7.56	33.52 2.15 -8.28
ELLENBURG_WT_PWR 323604	21.20 -1.38 0.00	19.57 -1.14 0.00	17.77 -1.00 0.00	16.58 -0.96 0.00	15.92 -0.94 0.00	16.86 -1.08 0.00	18.72 -1.22 0.00	19.91 -1.12 0.00	20.73 -1.14 0.00	21.13 -1.21 0.00	21.17 -1.35 0.00	22.06 -1.63 0.00	22.66 -1.73 0.00	24.31 -1.66 0.00	25.89 -1.74 0.00	27.16 -1.83 0.00	34.21 -1.88 0.00	36.68 -1.89 0.00	37.03 -1.70 0.00	35.22 -1.20 0.00	30.29 -1.13 0.00	27.89 -1.16 0.00	23.99 -1.10 0.00	22.07 -1.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.06 0.47 0.00	21.00 0.29 0.00	19.16 0.39 0.00	17.93 0.39 0.00	17.32 0.46 0.00	18.44 0.50 0.00	20.31 0.38 0.00	21.11 0.08 0.00	21.86 0.00 0.00	22.65 0.31 0.00	22.79 0.27 0.00	24.21 0.52 0.00	25.05 0.66 0.00	26.34 0.36 0.00	28.02 0.39 0.00	29.33 0.35 0.00	35.87 -0.22 0.00	38.57 0.00 0.00	38.81 0.08 0.00	36.42 0.00 0.00	31.79 0.38 0.00	29.52 0.46 0.00	25.64 0.55 0.00	23.90 0.81 0.00
EMPIRE_CC_1 323656	23.46 0.88 0.00	21.43 0.72 0.00	19.39 0.62 0.00	18.11 0.56 0.00	17.40 0.54 0.00	18.51 0.57 0.00	20.61 0.68 0.00	21.72 0.69 0.00	22.69 0.83 0.00	23.19 0.85 0.00	23.37 0.86 0.00	24.57 0.88 0.00	25.29 0.90 0.00	26.93 0.96 0.00	28.63 0.99 0.00	30.00 1.01 0.00	37.05 1.26 0.29	40.23 1.66 0.00	40.40 1.66 0.00	37.62 1.20 0.00	32.45 1.04 0.00	30.01 0.96 0.00	25.92 0.83 0.00	23.85 0.76 0.00
EMPIRE_CC_2 323658	23.46 0.88 0.00	21.43 0.72 0.00	19.39 0.62 0.00	18.11 0.56 0.00	17.40 0.54 0.00	18.51 0.57 0.00	20.61 0.68 0.00	21.72 0.69 0.00	22.69 0.83 0.00	23.19 0.85 0.00	23.37 0.86 0.00	24.57 0.88 0.00	25.29 0.90 0.00	26.93 0.96 0.00	28.63 0.99 0.00	30.00 1.01 0.00	37.05 1.26 0.29	40.23 1.66 0.00	40.40 1.66 0.00	37.62 1.20 0.00	32.45 1.04 0.00	30.01 0.96 0.00	25.92 0.83 0.00	23.85 0.76 0.00
ENORWICH_115KV_TB1 80156	23.94 1.35 0.00	21.93 1.22 0.00	19.87 1.11 0.00	18.60 1.05 0.00	17.89 1.03 0.00	19.12 1.18 0.00	21.29 1.36 0.00	22.46 1.43 0.00	23.24 1.38 0.00	23.63 1.30 0.00	23.91 1.40 0.00	25.09 1.40 0.00	25.83 1.44 0.00	27.53 1.56 0.00	29.29 1.66 0.00	31.10 2.12 0.00	38.75 2.67 0.00	41.81 3.24 0.00	42.34 3.60 0.00	39.88 3.46 0.00	34.53 3.11 0.00	31.78 2.73 0.00	27.20 2.11 0.00	24.94 1.85 0.00

ERIE_ST__34_KV_TB1-2 80199	23.17 0.59 0.00	21.08 0.37 0.00	19.22 0.45 0.00	18.00 0.46 0.00	17.39 0.52 0.00	18.51 0.57 0.00	20.43 0.50 0.00	21.24 0.21 0.00	22.06 0.20 0.00	22.87 0.54 0.00	23.04 0.52 0.00	24.52 0.83 0.00	25.39 1.00 0.00	26.70 0.73 0.00	28.43 0.80 0.00	29.83 0.84 0.00	36.52 0.43 0.00	39.26 0.69 0.00	39.51 0.77 0.00	37.04 0.62 0.00	32.36 0.94 0.00	30.01 0.96 0.00	25.97 0.88 0.00	24.13 1.04 0.00
ERIE_WT_PWR 323693	23.17 0.59 0.00	21.10 0.39 0.00	19.24 0.47 0.00	18.02 0.47 0.00	17.39 0.52 0.00	18.52 0.59 0.00	20.41 0.48 0.00	21.19 0.17 0.00	22.00 0.13 0.00	22.78 0.45 0.00	22.94 0.43 0.00	24.38 0.69 0.00	24.95 0.56 0.00	26.52 0.55 0.00	28.16 0.52 0.00	29.56 0.58 0.00	36.12 0.04 0.00	38.84 0.27 0.00	39.12 0.39 0.00	36.71 0.29 0.00	32.04 0.63 0.00	29.75 0.70 0.00	25.82 0.73 0.00	24.04 0.95 0.00
ESPRGFLD_115KV_TB1 80157	23.82 1.24 0.00	21.81 1.10 0.00	19.72 0.96 0.00	18.40 0.86 0.00	17.72 0.86 0.00	18.88 0.95 0.00	21.11 1.18 0.00	22.46 1.43 0.00	23.35 1.49 0.00	23.79 1.45 0.00	23.96 1.44 0.00	25.21 1.52 0.00	25.83 1.44 0.00	27.53 1.56 0.00	29.35 1.71 0.00	30.96 1.97 0.00	38.28 2.27 0.08	41.35 2.78 0.00	41.64 2.91 0.00	39.01 2.59 0.00	33.68 2.26 0.00	31.17 2.12 0.00	26.75 1.66 0.00	24.50 1.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.21 0.63 0.00	21.23 0.52 0.00	19.22 0.45 0.00	18.02 0.47 0.00	17.35 0.49 0.00	18.47 0.54 0.00	20.55 0.62 0.00	21.68 0.65 0.00	22.52 0.66 0.00	22.96 0.63 0.00	23.19 0.68 0.00	24.45 0.76 0.00	25.22 0.83 0.00	26.80 0.83 0.00	28.52 0.88 0.00	30.03 1.04 0.00	37.31 1.23 0.00	40.03 1.47 0.00	40.32 1.59 0.00	37.81 1.38 0.00	32.70 1.29 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.92 0.83 0.00
ETNA____115KV_TB2 80207	23.21 0.63 0.00	21.23 0.52 0.00	19.22 0.45 0.00	18.02 0.47 0.00	17.35 0.49 0.00	18.47 0.54 0.00	20.55 0.62 0.00	21.68 0.65 0.00	22.52 0.66 0.00	22.96 0.63 0.00	23.19 0.68 0.00	24.45 0.76 0.00	25.22 0.83 0.00	26.80 0.83 0.00	28.52 0.88 0.00	30.03 1.04 0.00	37.31 1.23 0.00	40.03 1.47 0.00	40.32 1.59 0.00	37.81 1.38 0.00	32.70 1.29 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.92 0.83 0.00
EUCLID__115KV_TB2 356179	22.49 -0.09 0.00	20.57 -0.14 0.00	18.64 -0.13 0.00	17.46 -0.09 0.00	16.79 -0.07 0.00	17.88 -0.05 0.00	19.87 -0.06 0.00	20.96 -0.06 0.00	21.71 -0.15 0.00	22.20 -0.13 0.00	22.43 -0.09 0.00	23.64 -0.05 0.00	24.39 0.00 0.00	25.89 -0.08 0.00	27.52 -0.11 0.00	28.90 -0.09 0.00	35.90 -0.18 0.00	38.49 -0.08 0.00	38.66 -0.08 0.00	36.24 -0.18 0.00	31.29 -0.13 0.00	28.91 -0.15 0.00	24.97 -0.13 0.00	23.00 -0.09 0.00
E_CANADA_CAP_HY 24051	24.09 1.51 0.00	22.02 1.31 0.00	19.93 1.16 0.00	18.56 1.02 0.00	17.91 1.05 0.00	19.08 1.15 0.00	21.33 1.39 0.00	22.75 1.72 0.00	23.63 1.77 0.00	24.01 1.68 0.00	24.12 1.60 0.00	25.40 1.71 0.00	25.93 1.54 0.00	27.64 1.66 0.00	29.51 1.88 0.00	31.13 2.14 0.00	38.40 2.42 0.11	41.61 3.05 0.00	41.99 3.25 0.00	39.37 2.95 0.00	34.02 2.61 0.00	31.61 2.56 0.00	27.05 1.96 0.00	24.75 1.66 0.00
E_CANADA_MHWK_HY 24050	22.42 -0.16 0.00	20.57 -0.14 0.00	18.62 -0.15 0.00	17.42 -0.12 0.00	16.75 -0.12 0.00	17.86 -0.07 0.00	19.87 -0.06 0.00	21.01 -0.02 0.00	21.84 -0.02 0.00	22.29 -0.04 0.00	22.63 0.11 0.00	23.69 0.00 0.00	24.39 0.00 0.00	25.87 -0.10 0.00	27.52 -0.11 0.00	28.93 -0.06 0.00	36.08 0.00 0.00	38.65 0.08 0.00	38.93 0.19 0.00	36.60 0.18 0.00	31.60 0.19 0.00	29.34 0.29 0.00	25.37 0.28 0.00	23.37 0.28 0.00
E_FISHKILL__LBMP 23776	24.03 1.45 0.00	21.91 1.20 0.00	19.78 1.01 0.00	18.46 0.91 0.00	17.69 0.83 0.00	18.81 0.88 0.00	21.01 1.08 0.00	22.33 1.30 0.00	23.42 1.55 0.00	23.92 1.59 0.00	24.12 1.60 0.00	25.37 1.68 0.00	26.12 1.73 0.00	27.82 1.84 0.00	29.62 1.99 0.00	31.01 2.03 0.00	38.83 2.60 -0.15	41.77 3.20 0.00	41.83 3.10 0.00	38.64 2.22 0.00	33.30 1.88 0.00	30.85 1.80 0.00	26.67 1.58 0.00	24.54 1.45 0.00
FALCON__SEABRD_CC1 323796	21.38 -1.20 0.00	19.72 -0.99 0.00	17.90 -0.86 0.00	16.70 -0.84 0.00	16.04 -0.83 0.00	17.00 -0.93 0.00	18.88 -1.06 0.00	20.10 -0.92 0.00	20.92 -0.94 0.00	21.31 -1.03 0.00	21.35 -1.17 0.00	22.25 -1.45 0.00	22.86 -1.54 0.00	24.54 -1.43 0.00	26.14 -1.49 0.00	27.39 -1.59 0.00	34.50 -1.59 0.00	37.02 -1.54 0.00	37.38 -1.36 0.00	35.55 -0.87 0.00	30.57 -0.85 0.00	28.15 -0.90 0.00	24.21 -0.88 0.00	22.26 -0.83 0.00
FALCON__SEABRD_CC2 323797	21.38 -1.20 0.00	19.72 -0.99 0.00	17.90 -0.86 0.00	16.70 -0.84 0.00	16.04 -0.83 0.00	17.00 -0.93 0.00	18.88 -1.06 0.00	20.10 -0.92 0.00	20.92 -0.94 0.00	21.31 -1.03 0.00	21.35 -1.17 0.00	22.25 -1.45 0.00	22.86 -1.54 0.00	24.54 -1.43 0.00	26.14 -1.49 0.00	27.39 -1.59 0.00	34.50 -1.59 0.00	37.02 -1.54 0.00	37.38 -1.36 0.00	35.55 -0.87 0.00	30.57 -0.85 0.00	28.15 -0.90 0.00	24.21 -0.88 0.00	22.26 -0.83 0.00
FAR ROCKAWAY__4 23548	32.03 2.51 -6.94	28.26 2.13 -5.41	25.21 1.86 -4.58	19.25 1.65 -0.05	19.02 1.53 -0.62	20.24 1.63 -0.68	21.79 1.85 0.00	26.44 2.23 -3.19	29.69 2.51 -5.31	30.00 2.61 -5.05	32.72 2.50 -7.70	33.91 2.70 -7.52	34.31 2.83 -7.09	36.45 3.01 -7.46	38.07 3.32 -7.12	39.44 3.42 -7.04	43.23 4.29 -2.85	44.65 5.09 -0.99	43.99 5.00 -0.26	43.08 3.82 -2.83	42.45 3.27 -7.77	38.19 3.11 -6.02	35.46 2.81 -7.56	33.91 2.54 -8.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.43 1.85 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.68 1.14 0.00	17.89 1.03 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.69 1.66 0.00	23.85 1.99 0.00	24.42 2.08 0.00	24.66 2.14 0.00	25.97 2.27 0.00	26.73 2.34 0.00	28.44 2.47 0.00	30.34 2.71 0.00	31.71 2.72 0.00	39.73 3.50 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.37 2.95 0.00	33.80 2.39 0.00	31.41 2.35 0.00	27.20 2.11 0.00	25.05 1.96 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.43 1.85 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.68 1.14 0.00	17.89 1.03 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.69 1.66 0.00	23.85 1.99 0.00	24.42 2.08 0.00	24.66 2.14 0.00	25.97 2.27 0.00	26.73 2.34 0.00	28.44 2.47 0.00	30.34 2.71 0.00	31.74 2.75 0.00	39.73 3.50 -0.15	42.81 4.24 0.00	42.84 4.11 0.00	39.37 2.95 0.00	33.80 2.39 0.00	31.44 2.38 0.00	27.23 2.13 0.00	25.05 1.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.41 1.83 0.00	22.22 1.51 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.89 1.03 0.00	19.03 1.09 0.00	21.27 1.34 0.00	22.69 1.66 0.00	23.83 1.97 0.00	24.39 2.06 0.00	24.63 2.12 0.00	25.94 2.25 0.00	26.71 2.32 0.00	28.41 2.44 0.00	30.31 2.68 0.00	31.71 2.72 0.00	39.70 3.46 -0.15	42.77 4.20 0.00	42.76 4.03 0.00	39.34 2.91 0.00	33.77 2.36 0.00	31.41 2.35 0.00	27.20 2.11 0.00	25.03 1.94 0.00

FARRAGUT___LBMP 323566	24.39 1.81 0.00	22.20 1.49 0.00	20.03 1.26 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.61 2.09 0.00	25.92 2.23 0.00	26.68 2.29 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.65 2.67 0.00	39.66 3.43 -0.15	42.73 4.17 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.74 2.32 0.00	31.38 2.32 0.00	27.18 2.08 0.00	25.01 1.92 0.00
FENNER___WINDPWR 24204	23.01 0.43 0.00	21.06 0.35 0.00	19.09 0.32 0.00	17.86 0.32 0.00	17.18 0.32 0.00	18.29 0.36 0.00	20.35 0.42 0.00	21.49 0.46 0.00	22.30 0.44 0.00	22.78 0.45 0.00	23.06 0.54 0.00	24.26 0.57 0.00	24.98 0.58 0.00	26.57 0.60 0.00	28.24 0.61 0.00	29.77 0.78 0.00	37.02 0.94 0.00	39.77 1.20 0.00	39.97 1.24 0.00	37.55 1.13 0.00	32.39 0.97 0.00	29.87 0.81 0.00	25.74 0.65 0.00	23.67 0.58 0.00
FIBERTEK___ENERGY 23856	22.76 0.18 0.00	20.81 0.10 0.00	18.86 0.09 0.00	17.67 0.12 0.00	17.00 0.13 0.00	18.09 0.16 0.00	20.13 0.20 0.00	21.24 0.21 0.00	21.97 0.11 0.00	22.45 0.11 0.00	22.67 0.16 0.00	23.93 0.24 0.00	24.68 0.29 0.00	26.21 0.23 0.00	27.88 0.25 0.00	29.27 0.29 0.00	36.34 0.25 0.00	39.07 0.50 0.00	39.20 0.46 0.00	36.75 0.33 0.00	31.73 0.31 0.00	29.31 0.26 0.00	25.32 0.23 0.00	23.30 0.21 0.00
FITZPATRICK____ 23598	22.11 -0.48 0.00	20.23 -0.48 0.00	18.35 -0.41 0.00	17.17 -0.37 0.00	16.53 -0.34 0.00	17.57 -0.36 0.00	19.53 -0.40 0.00	20.58 -0.44 0.00	21.32 -0.55 0.00	21.78 -0.56 0.00	21.98 -0.54 0.00	23.15 -0.54 0.00	23.83 -0.56 0.00	25.35 -0.62 0.00	26.97 -0.66 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.85 -0.89 0.00	35.51 -0.91 0.00	30.66 -0.75 0.00	28.36 -0.70 0.00	24.49 -0.60 0.00	22.56 -0.53 0.00
FLOWFLD_69_KV_BK1 356044	32.39 2.87 -6.94	28.59 2.46 -5.41	25.51 2.16 -4.58	19.56 1.96 -0.05	19.34 1.85 -0.62	20.57 1.95 -0.68	22.10 2.17 0.00	26.80 2.59 -3.19	30.13 2.95 -5.31	30.38 2.99 -5.05	33.10 2.88 -7.70	34.31 3.10 -7.52	41.59 3.17 -14.03	51.23 3.30 -21.96	69.69 3.48 -38.57	103.44 3.59 -70.86	163.14 4.47 -122.59	172.56 5.17 -128.82	170.05 5.15 -126.17	162.13 4.08 -121.63	156.90 3.49 -122.00	84.65 3.34 -52.26	48.66 3.09 -20.48	34.38 2.93 -8.36
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.28 1.69 0.00	22.12 1.41 0.00	19.99 1.22 0.00	18.61 1.07 0.00	17.79 0.93 0.00	18.96 1.02 0.00	21.15 1.22 0.00	22.48 1.45 0.00	23.57 1.71 0.00	24.08 1.74 0.00	24.30 1.78 0.00	25.56 1.87 0.00	26.32 1.93 0.00	28.05 2.08 0.00	29.93 2.29 0.00	31.36 2.38 0.00	39.30 3.10 -0.11	42.35 3.78 0.00	42.42 3.68 0.00	39.19 2.77 0.00	33.77 2.36 0.00	31.23 2.18 0.00	27.00 1.91 0.00	24.82 1.73 0.00
FORT ORANGE____ 23900	23.42 0.84 0.00	21.35 0.64 0.00	19.33 0.56 0.00	18.07 0.53 0.00	17.37 0.51 0.00	18.47 0.54 0.00	20.57 0.64 0.00	21.74 0.72 0.00	22.67 0.81 0.00	23.14 0.80 0.00	23.30 0.79 0.00	24.52 0.83 0.00	25.27 0.88 0.00	26.91 0.93 0.00	28.68 1.05 0.00	30.03 1.04 0.00	37.34 1.41 0.15	40.38 1.81 0.00	40.59 1.86 0.00	37.84 1.42 0.00	32.67 1.26 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.90 0.81 0.00
FORT_DRUM_COGEN 23780	22.47 -0.11 0.00	20.63 -0.08 0.00	18.73 -0.04 0.00	17.60 0.05 0.00	16.91 0.05 0.00	17.97 0.04 0.00	19.87 -0.06 0.00	20.92 -0.11 0.00	21.65 -0.22 0.00	22.05 -0.29 0.00	22.31 -0.20 0.00	23.48 -0.21 0.00	24.17 -0.22 0.00	25.61 -0.36 0.00	27.22 -0.41 0.00	28.69 -0.29 0.00	35.87 -0.22 0.00	38.84 0.27 0.00	39.28 0.54 0.00	37.19 0.76 0.00	32.04 0.63 0.00	29.55 0.49 0.00	25.34 0.25 0.00	23.30 0.21 0.00
FPL_FAR_ROCK_GT1 24212	32.03 2.51 -6.94	28.26 2.13 -5.41	25.21 1.86 -4.58	19.25 1.65 -0.05	19.02 1.53 -0.62	20.24 1.63 -0.68	21.79 1.85 0.00	26.44 2.23 -3.19	29.69 2.51 -5.31	30.00 2.61 -5.05	32.72 2.50 -7.70	33.91 2.70 -7.52	34.33 2.85 -7.09	36.45 3.01 -7.46	38.10 3.34 -7.12	39.41 3.39 -7.04	43.23 4.29 -2.85	44.65 5.09 -0.99	43.99 5.00 -0.26	43.08 3.82 -2.83	42.45 3.27 -7.77	38.19 3.11 -6.02	35.47 2.81 -7.56	33.94 2.56 -8.29
FPL_FAR_ROCK_GT2 23815	32.03 2.51 -6.94	28.26 2.13 -5.41	25.21 1.86 -4.58	19.25 1.65 -0.05	19.02 1.53 -0.62	20.24 1.63 -0.68	21.79 1.85 0.00	26.44 2.23 -3.19	29.69 2.51 -5.05	30.00 2.61 -5.05	32.72 2.50 -7.70	33.91 2.70 -7.52	34.33 2.85 -7.09	36.45 3.01 -7.46	38.10 3.34 -7.12	39.41 3.39 -7.04	43.23 4.29 -2.85	44.65 5.09 -0.99	43.99 5.00 -0.26	43.08 3.82 -2.83	42.45 3.27 -7.77	38.19 3.11 -6.02	35.47 2.81 -7.56	33.94 2.56 -8.29
FRANKLIN_FALL_HYD 24054	21.38 -1.20 0.00	19.74 -0.97 0.00	17.94 -0.83 0.00	16.75 -0.79 0.00	16.09 -0.78 0.00	17.02 -0.91 0.00	18.82 -1.12 0.00	19.98 -1.05 0.00	20.79 -1.07 0.00	21.22 -1.12 0.00	21.30 -1.22 0.00	22.22 -1.47 0.00	22.83 -1.56 0.00	24.44 -1.53 0.00	26.03 -1.60 0.00	27.30 -1.68 0.00	34.28 -1.80 0.00	36.68 -1.89 0.00	36.99 -1.74 0.00	35.22 -1.20 0.00	30.28 -1.13 0.00	27.95 -1.10 0.00	24.06 -1.03 0.00	22.19 -0.90 0.00
FREEPORT_EQUS_GT1 23764	31.85 2.33 -6.94	28.11 1.99 -5.41	25.09 1.75 -4.58	19.16 1.56 -0.05	18.95 1.47 -0.62	20.17 1.56 -0.68	21.69 1.75 0.00	26.36 2.15 -3.19	29.60 2.43 -5.31	29.87 2.48 -5.05	32.67 2.45 -7.70	33.82 2.61 -7.52	34.28 2.76 -7.14	36.32 2.88 -7.46	37.90 3.15 -7.12	39.21 3.19 -7.04	43.01 4.08 -2.85	44.38 4.82 -0.99	43.72 4.72 -0.26	42.90 3.64 -2.83	42.27 3.08 -7.77	38.04 2.96 -6.02	35.34 2.69 -7.56	33.84 2.47 -8.28
FREEPORT___CT2 23818	31.85 2.33 -6.94	28.11 1.99 -5.41	25.09 1.75 -4.58	19.16 1.56 -0.05	18.95 1.47 -0.62	20.17 1.56 -0.68	21.69 1.75 0.00	26.36 2.15 -3.19	29.60 2.43 -5.31	29.87 2.48 -5.05	32.67 2.45 -7.70	33.82 2.61 -7.52	34.28 2.76 -7.14	36.32 2.88 -7.46	37.90 3.15 -7.12	39.21 3.19 -7.04	43.01 4.08 -2.85	44.38 4.82 -0.99	43.72 4.72 -0.26	42.90 3.64 -2.83	42.27 3.08 -7.77	38.04 2.96 -6.02	35.34 2.69 -7.56	33.84 2.47 -8.28
FRESHKLS_33_KV_LOAD 356253	24.64 2.05 -0.01	22.42 1.70 -0.01	20.22 1.45 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.06 1.13 0.00	21.15 1.22 0.00	22.55 1.53 0.01	23.76 1.90 0.01	24.36 2.03 0.01	24.63 2.12 0.01	29.37 2.32 -3.36	27.81 2.39 -1.03	30.37 2.57 -1.83	30.60 2.79 -0.17	31.76 2.78 0.01	39.83 3.61 -0.14	43.00 4.44 0.01	43.03 4.30 0.01	39.51 3.10 0.01	33.95 2.54 0.01	31.57 2.53 0.01	27.34 2.23 -0.02	25.18 2.08 -0.02
FULTON COGEN____ 23766	22.49 -0.09 0.00	20.57 -0.14 0.00	18.64 -0.13 0.00	17.46 -0.09 0.00	16.81 -0.05 0.00	17.88 -0.05 0.00	19.87 -0.06 0.00	20.96 -0.06 0.00	21.69 -0.17 0.00	22.16 -0.18 0.00	22.40 -0.11 0.00	23.62 -0.07 0.00	24.37 -0.02 0.00	25.87 -0.10 0.00	27.52 -0.11 0.00	28.84 -0.14 0.00	35.83 -0.25 0.00	38.49 -0.08 0.00	38.66 -0.08 0.00	36.24 -0.18 0.00	31.29 -0.13 0.00	28.94 -0.12 0.00	24.99 -0.10 0.00	23.00 -0.09 0.00

FULTON___LFGE 323630	24.66 2.08 0.00	22.49 1.78 0.00	20.34 1.58 0.00	18.91 1.37 0.00	18.28 1.42 0.00	19.48 1.54 0.00	21.85 1.91 0.00	23.30 2.27 0.00	24.20 2.34 0.00	24.50 2.17 0.00	24.90 2.39 0.00	26.23 2.54 0.00	26.88 2.49 0.00	28.28 2.31 0.00	30.26 2.63 0.00	31.85 2.87 0.00	39.32 3.36 0.12	42.81 4.24 0.00	43.34 4.61 0.00	40.64 4.22 0.00	35.12 3.71 0.00	32.48 3.43 0.00	27.70 2.61 0.00	25.28 2.19 0.00
G.F.CEMENT___DRP 24184	24.03 1.45 0.00	21.87 1.16 0.00	19.78 1.01 0.00	18.42 0.88 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.15 1.22 0.00	22.33 1.30 0.00	23.33 1.46 0.00	23.79 1.45 0.00	23.78 1.26 0.00	25.04 1.35 0.00	25.54 1.15 0.00	27.32 1.35 0.00	29.15 1.52 0.00	30.58 1.59 0.00	37.93 2.02 0.18	41.15 2.58 0.00	41.76 3.02 0.00	39.08 2.66 0.00	33.77 2.36 0.00	31.38 2.32 0.00	26.90 1.81 0.00	24.64 1.55 0.00
GARDENVILLE___LBMP 24039	23.10 0.52 0.00	21.04 0.33 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.35 0.49 0.00	18.47 0.54 0.00	20.35 0.42 0.00	21.15 0.13 0.00	21.93 0.07 0.00	22.72 0.38 0.00	22.85 0.34 0.00	24.28 0.59 0.00	25.15 0.76 0.00	26.44 0.47 0.00	28.13 0.50 0.00	29.45 0.46 0.00	36.01 -0.07 0.00	38.72 0.15 0.00	38.97 0.23 0.00	36.57 0.15 0.00	31.95 0.53 0.00	29.63 0.58 0.00	25.72 0.63 0.00	23.94 0.85 0.00
GARDNVLA_35_KV_LD 355827	23.21 0.63 0.00	21.15 0.43 0.00	19.27 0.51 0.00	18.05 0.51 0.00	17.44 0.57 0.00	18.54 0.61 0.00	20.45 0.52 0.00	21.26 0.23 0.00	22.04 0.17 0.00	22.83 0.49 0.00	22.99 0.47 0.00	24.45 0.76 0.00	25.32 0.93 0.00	26.59 0.62 0.00	28.30 0.66 0.00	29.65 0.67 0.00	36.23 0.14 0.00	38.92 0.35 0.00	39.20 0.46 0.00	36.75 0.33 0.00	32.11 0.69 0.00	29.81 0.76 0.00	25.85 0.75 0.00	24.06 0.97 0.00
GELCKHM___115KV_LOAD 80723	22.58 0.00 0.00	20.65 -0.06 0.00	18.71 -0.06 0.00	17.53 -0.02 0.00	16.86 0.00 0.00	17.95 0.02 0.00	19.95 0.02 0.00	21.07 0.04 0.00	21.80 -0.07 0.00	22.29 -0.04 0.00	22.49 -0.02 0.00	23.74 0.05 0.00	24.49 0.10 0.00	26.00 0.03 0.00	27.66 0.03 0.00	29.04 0.06 0.00	36.08 0.00 0.00	38.72 0.15 0.00	38.85 0.12 0.00	36.42 0.00 0.00	31.45 0.03 0.00	29.05 0.00 0.00	25.09 0.00 0.00	23.11 0.02 0.00
GENERAL___MILLS 23808	23.17 0.59 0.00	21.10 0.39 0.00	19.24 0.47 0.00	18.00 0.46 0.00	17.39 0.52 0.00	18.51 0.57 0.00	20.41 0.48 0.00	21.20 0.17 0.00	21.97 0.11 0.00	22.76 0.42 0.00	22.92 0.41 0.00	24.36 0.66 0.00	25.22 0.83 0.00	26.49 0.52 0.00	28.19 0.55 0.00	29.54 0.55 0.00	36.12 0.04 0.00	38.80 0.23 0.00	39.08 0.35 0.00	36.68 0.25 0.00	32.04 0.63 0.00	29.72 0.67 0.00	25.79 0.70 0.00	24.01 0.92 0.00
GE_PLASTICS___DRP 24183	23.39 0.81 0.00	21.35 0.64 0.00	19.31 0.54 0.00	18.05 0.51 0.00	17.35 0.49 0.00	18.45 0.52 0.00	20.55 0.62 0.00	21.72 0.69 0.00	22.67 0.81 0.00	23.14 0.80 0.00	23.33 0.81 0.00	24.55 0.85 0.00	25.25 0.85 0.00	26.91 0.93 0.00	28.66 1.02 0.00	30.03 1.04 0.00	37.30 1.34 0.12	40.27 1.70 0.00	40.48 1.74 0.00	37.70 1.27 0.00	32.51 1.10 0.00	30.07 1.02 0.00	25.95 0.85 0.00	23.85 0.76 0.00
GILBOA___1 23756	23.44 0.86 0.00	21.41 0.70 0.00	19.37 0.60 0.00	18.09 0.54 0.00	17.37 0.51 0.00	18.47 0.54 0.00	20.59 0.66 0.00	21.78 0.76 0.00	22.76 0.90 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.64 0.95 0.00	25.39 1.00 0.00	27.01 1.04 0.00	28.77 1.13 0.00	30.15 1.16 0.00	37.56 1.48 0.00	40.34 1.78 0.00	40.48 1.74 0.00	37.73 1.31 0.00	32.54 1.13 0.00	30.13 1.08 0.00	26.02 0.93 0.00	23.94 0.85 0.00
GILBOA___2 23757	23.44 0.86 0.00	21.41 0.70 0.00	19.37 0.60 0.00	18.09 0.54 0.00	17.37 0.51 0.00	18.47 0.54 0.00	20.59 0.66 0.00	21.78 0.76 0.00	22.76 0.90 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.64 0.95 0.00	25.39 1.00 0.00	27.01 1.04 0.00	28.77 1.13 0.00	30.15 1.16 0.00	37.56 1.48 0.00	40.34 1.78 0.00	40.48 1.74 0.00	37.73 1.31 0.00	32.54 1.13 0.00	30.13 1.08 0.00	26.02 0.93 0.00	23.94 0.85 0.00
GILBOA___3 23758	23.44 0.86 0.00	21.41 0.70 0.00	19.37 0.60 0.00	18.09 0.54 0.00	17.37 0.51 0.00	18.47 0.54 0.00	20.59 0.66 0.00	21.78 0.76 0.00	22.76 0.90 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.64 0.95 0.00	25.39 1.00 0.00	27.01 1.04 0.00	28.77 1.13 0.00	30.15 1.16 0.00	37.56 1.48 0.00	40.34 1.78 0.00	40.48 1.74 0.00	37.73 1.31 0.00	32.54 1.13 0.00	30.13 1.08 0.00	26.02 0.93 0.00	23.94 0.85 0.00
GILBOA___4 23759	23.44 0.86 0.00	21.41 0.70 0.00	19.37 0.60 0.00	18.09 0.54 0.00	17.37 0.51 0.00	18.47 0.54 0.00	20.59 0.66 0.00	21.78 0.76 0.00	22.76 0.90 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.64 0.95 0.00	25.39 1.00 0.00	27.01 1.04 0.00	28.77 1.13 0.00	30.15 1.16 0.00	37.56 1.48 0.00	40.34 1.78 0.00	40.48 1.74 0.00	37.73 1.31 0.00	32.54 1.13 0.00	30.13 1.08 0.00	26.02 0.93 0.00	23.94 0.85 0.00
GILBOA___ 23599	23.44 0.86 0.00	21.41 0.70 0.00	19.37 0.60 0.00	18.09 0.54 0.00	17.37 0.51 0.00	18.47 0.54 0.00	20.59 0.66 0.00	21.78 0.76 0.00	22.76 0.90 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.64 0.95 0.00	25.37 0.98 0.00	27.01 1.04 0.00	28.77 1.13 0.00	30.14 1.16 0.00	37.56 1.48 0.00	40.30 1.74 0.00	40.48 1.74 0.00	37.73 1.31 0.00	32.55 1.13 0.00	30.13 1.07 0.00	26.02 0.93 0.00	23.94 0.85 0.00
GINNA___ 23603	21.86 -0.72 0.00	19.98 -0.73 0.00	18.07 -0.69 0.00	16.91 -0.63 0.00	16.27 -0.59 0.00	17.34 -0.59 0.00	19.25 -0.68 0.00	20.27 -0.76 0.00	21.06 -0.81 0.00	21.58 -0.76 0.00	21.84 -0.67 0.00	23.05 -0.64 0.00	23.73 -0.66 0.00	25.30 -0.68 0.00	26.89 -0.74 0.00	28.23 -0.75 0.00	34.89 -1.19 0.00	37.45 -1.12 0.00	37.61 -1.12 0.00	35.33 -1.09 0.00	30.47 -0.94 0.00	28.18 -0.87 0.00	24.31 -0.78 0.00	22.44 -0.65 0.00
GLEN PARK___ 23778	22.63 0.05 0.00	20.75 0.04 0.00	18.84 0.08 0.00	17.68 0.14 0.00	17.00 0.13 0.00	18.08 0.14 0.00	19.99 0.06 0.00	21.05 0.02 0.00	21.76 -0.11 0.00	22.16 -0.18 0.00	22.45 -0.07 0.00	23.62 -0.07 0.00	24.29 -0.10 0.00	25.74 -0.23 0.00	27.36 -0.28 0.00	28.90 -0.09 0.00	36.12 0.04 0.00	39.11 0.54 0.00	39.59 0.85 0.00	37.55 1.13 0.00	32.33 0.91 0.00	29.78 0.73 0.00	25.54 0.45 0.00	23.44 0.35 0.00
GLENDALE_27_KV_LOAD 356172	24.61 2.03 0.00	22.39 1.68 0.00	20.21 1.45 0.00	18.81 1.26 0.00	18.03 1.16 0.00	19.14 1.20 0.00	21.33 1.40 0.00	22.77 1.75 0.00	23.94 2.08 0.00	24.53 2.19 0.00	24.79 2.27 0.00	27.24 2.46 -1.08	27.28 2.56 -0.33	29.26 2.70 -0.59	30.64 2.96 -0.05	31.97 2.99 0.00	40.06 3.82 -0.15	43.17 4.59 -0.01	43.15 4.42 0.00	39.66 3.24 0.00	34.05 2.64 0.00	31.70 2.64 0.00	27.40 2.31 0.00	25.24 2.15 0.00

GLENWOOD_IC_1_G5 23712	31.60 2.08 -6.94	27.88 1.76 -5.41	24.87 1.52 -4.58	18.95 1.35 -0.05	18.73 1.25 -0.62	19.94 1.33 -0.68	21.49 1.55 0.00	26.11 1.89 -3.19	29.36 2.19 -5.31	29.65 2.26 -5.05	32.52 2.30 -7.70	33.58 2.37 -7.52	33.92 2.39 -7.13	35.98 2.55 -7.46	37.52 2.76 -7.12	38.86 2.84 -7.04	42.54 3.61 -2.85	43.88 4.32 -0.99	43.18 4.18 -0.26	42.39 3.13 -2.83	41.79 2.61 -7.77	37.58 2.50 -6.02	34.86 2.21 -7.56	33.45 2.08 -8.28
GLENWOOD_IC_2_G1 23688	31.44 1.92 -6.94	27.74 1.62 -5.41	24.74 1.39 -4.58	18.83 1.23 -0.05	18.62 1.13 -0.62	19.83 1.22 -0.68	21.35 1.42 0.00	25.96 1.74 -3.19	29.19 2.01 -5.31	29.47 2.08 -5.05	32.33 2.12 -7.70	33.46 2.25 -7.52	33.84 2.37 -7.09	35.91 2.47 -7.46	37.46 2.71 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.06 4.07 -0.26	42.24 2.99 -2.83	41.73 2.54 -7.77	37.52 2.44 -6.02	34.81 2.16 -7.56	33.36 1.99 -8.28
GLENWOOD_IC_3_G1 23689	31.44 1.92 -6.94	27.74 1.62 -5.41	24.74 1.39 -4.58	18.83 1.23 -0.05	18.62 1.13 -0.62	19.83 1.22 -0.68	21.35 1.42 0.00	25.96 1.74 -3.19	29.19 2.01 -5.31	29.47 2.08 -5.05	32.33 2.12 -7.70	33.46 2.25 -7.52	33.84 2.37 -7.09	35.91 2.47 -7.46	37.46 2.71 -7.12	38.75 2.72 -7.04	42.40 3.46 -2.85	43.77 4.20 -0.99	43.06 4.07 -0.26	42.24 2.99 -2.83	41.73 2.54 -7.77	37.52 2.44 -6.02	34.81 2.16 -7.56	33.36 1.99 -8.28
GLENWOOD___4 23550	31.60 2.08 -6.94	27.88 1.76 -5.41	24.87 1.52 -4.58	18.95 1.35 -0.05	18.73 1.25 -0.62	19.94 1.33 -0.68	21.49 1.55 0.00	26.11 1.89 -3.19	29.36 2.19 -5.31	29.65 2.26 -5.05	32.52 2.30 -7.70	33.63 2.42 -7.52	33.99 2.46 -7.13	36.03 2.60 -7.46	37.60 2.85 -7.12	38.95 2.93 -7.04	42.65 3.72 -2.85	44.00 4.44 -0.99	43.29 4.30 -0.26	42.46 3.21 -2.83	41.89 2.70 -7.77	37.66 2.59 -6.02	34.91 2.26 -7.56	33.49 2.12 -8.28
GLENWOOD___5 23614	31.60 2.08 -6.94	27.88 1.76 -5.41	24.87 1.52 -4.58	18.95 1.35 -0.05	18.73 1.25 -0.62	19.94 1.33 -0.68	21.49 1.55 0.00	26.11 1.89 -3.19	29.36 2.19 -5.31	29.65 2.26 -5.05	32.52 2.30 -7.70	33.63 2.42 -7.52	33.99 2.46 -7.13	36.03 2.60 -7.46	37.60 2.85 -7.12	38.95 2.93 -7.04	42.65 3.72 -2.85	44.00 4.44 -0.99	43.29 4.30 -0.26	42.46 3.21 -2.83	41.89 2.70 -7.77	37.66 2.59 -6.02	34.91 2.26 -7.56	33.49 2.12 -8.28
GLOBAL GREEN_PORT_GT1 23814	33.57 4.04 -6.94	29.64 3.52 -5.41	26.46 3.12 -4.58	20.42 2.83 -0.05	20.17 2.68 -0.62	21.46 2.85 -0.68	23.06 3.13 0.00	27.81 3.59 -3.19	31.26 4.09 -5.31	31.57 4.18 -5.05	34.36 4.14 -7.70	35.71 4.50 -7.52	41.43 4.73 -12.30	49.74 5.07 -18.70	67.28 5.47 -34.18	89.72 5.68 -55.05	136.20 7.18 -92.93	143.99 8.26 -97.16	141.85 8.14 -94.98	135.40 6.77 -92.21	130.90 5.78 -93.71	75.26 5.40 -40.80	48.45 4.69 -18.66	35.74 4.32 -8.34
GLOBE___DSASP 323697	22.42 -0.16 0.00	20.42 -0.29 0.00	18.62 -0.15 0.00	17.42 -0.12 0.00	16.83 -0.03 0.00	17.90 -0.04 0.00	19.71 -0.22 0.00	20.40 -0.63 0.00	21.12 -0.74 0.00	21.82 -0.51 0.00	21.95 -0.56 0.00	23.31 -0.38 0.00	24.12 -0.27 0.00	25.35 -0.62 0.00	26.97 -0.66 0.00	28.20 -0.78 0.00	34.50 -1.59 0.00	37.06 -1.50 0.00	37.30 -1.43 0.00	35.04 -1.38 0.00	30.60 -0.82 0.00	28.41 -0.64 0.00	24.77 -0.33 0.00	23.16 0.07 0.00
GOETHSLN___LBMP 323567	24.28 1.69 0.00	22.10 1.39 0.00	19.93 1.16 0.00	18.54 1.00 0.00	17.77 0.91 0.00	18.92 0.99 0.00	21.15 1.22 0.00	22.56 1.53 0.00	23.72 1.86 0.00	24.28 1.94 0.00	24.52 2.00 0.00	25.85 2.16 0.00	26.61 2.22 0.00	28.28 2.31 0.00	30.18 2.54 0.00	31.54 2.55 0.00	39.44 3.21 -0.15	42.54 3.97 0.00	42.49 3.76 0.00	39.04 2.62 0.00	33.55 2.14 0.00	31.20 2.15 0.00	27.05 1.96 0.00	24.89 1.80 0.00
GOLAH___69_KV_TB 1_2 80279	23.17 0.59 0.00	21.21 0.50 0.00	19.18 0.41 0.00	17.95 0.40 0.00	17.30 0.44 0.00	18.44 0.50 0.00	20.41 0.48 0.00	21.41 0.38 0.00	22.13 0.26 0.00	22.74 0.40 0.00	23.06 0.54 0.00	24.40 0.71 0.00	25.22 0.83 0.00	26.59 0.62 0.00	28.30 0.66 0.00	29.62 0.64 0.00	36.48 0.40 0.00	39.19 0.62 0.00	39.47 0.74 0.00	37.08 0.66 0.00	32.11 0.69 0.00	29.78 0.73 0.00	25.79 0.70 0.00	23.94 0.85 0.00
GOODYEAR_LAKE_HYD 323669	23.62 1.04 0.00	21.60 0.89 0.00	19.56 0.79 0.00	18.25 0.70 0.00	17.54 0.67 0.00	18.70 0.77 0.00	20.85 0.92 0.00	22.12 1.09 0.00	23.04 1.18 0.00	23.52 1.18 0.00	23.76 1.24 0.00	24.97 1.28 0.00	25.66 1.27 0.00	27.32 1.35 0.00	29.10 1.46 0.00	30.67 1.68 0.00	38.11 2.02 0.00	40.96 2.39 0.00	41.18 2.44 0.00	38.46 2.04 0.00	33.21 1.79 0.00	30.68 1.63 0.00	26.40 1.30 0.00	24.24 1.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	23.10 0.52 0.00	21.10 0.39 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.25 0.39 0.00	18.35 0.41 0.00	20.41 0.48 0.00	21.51 0.48 0.00	22.35 0.48 0.00	22.85 0.51 0.00	23.08 0.56 0.00	24.36 0.66 0.00	25.12 0.73 0.00	26.67 0.70 0.00	28.38 0.75 0.00	29.83 0.84 0.00	36.99 0.90 0.00	39.69 1.12 0.00	39.90 1.16 0.00	37.30 0.87 0.00	32.33 0.91 0.00	29.90 0.84 0.00	25.79 0.70 0.00	23.78 0.69 0.00
GOUDEY___7 23579	23.12 0.54 0.00	21.12 0.41 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.27 0.40 0.00	18.36 0.43 0.00	20.43 0.50 0.00	21.53 0.50 0.00	22.37 0.50 0.00	22.90 0.56 0.00	23.10 0.59 0.00	24.40 0.71 0.00	25.17 0.78 0.00	26.72 0.75 0.00	28.43 0.80 0.00	29.85 0.87 0.00	37.02 0.94 0.00	39.76 1.20 0.00	39.98 1.24 0.00	37.33 0.91 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.82 0.73 0.00	23.80 0.72 0.00
GOUDEY___8 23580	23.10 0.52 0.00	21.10 0.39 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.25 0.39 0.00	18.35 0.41 0.00	20.41 0.48 0.00	21.51 0.48 0.00	22.35 0.48 0.00	22.85 0.51 0.00	23.08 0.56 0.00	24.36 0.66 0.00	25.12 0.73 0.00	26.67 0.70 0.00	28.38 0.75 0.00	29.83 0.84 0.00	36.99 0.90 0.00	39.69 1.12 0.00	39.90 1.16 0.00	37.30 0.87 0.00	32.33 0.91 0.00	29.90 0.84 0.00	25.79 0.70 0.00	23.78 0.69 0.00
GOWANUS_GT1_1 24077	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT1_2 24078	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02

GOWANUS_GT1_3 24079	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT1_4 24080	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT1_5 24084	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT1_6 24111	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT1_7 24112	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT1_8 24113	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_1 24114	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_2 24115	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_3 24116	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_4 24117	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_5 24118	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_6 24119	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_7 24120	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT2_8 24121	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT3_1 24122	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02

GOWANUS_GT3_2 24123	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT3_3 24124	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT3_4 24125	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT3_5 24126	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT3_6 24127	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT3_7 24128	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT3_8 24129	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_1 24130	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_2 24131	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_3 24132	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_4 24133	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_5 24134	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_6 24135	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_7 24136	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GOWANUS_GT4_8 24137	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02

GREENBSH_115KV_TB3 55895	23.30 0.72 0.00	21.27 0.56 0.00	19.22 0.45 0.00	18.00 0.46 0.00	17.30 0.44 0.00	18.40 0.47 0.00	20.47 0.54 0.00	21.66 0.63 0.00	22.61 0.74 0.00	23.07 0.74 0.00	23.24 0.72 0.00	24.45 0.76 0.00	25.15 0.76 0.00	26.83 0.86 0.00	28.55 0.91 0.00	29.91 0.93 0.00	37.15 1.23 0.16	40.15 1.58 0.00	40.36 1.63 0.00	37.59 1.17 0.00	32.42 1.01 0.00	29.98 0.93 0.00	25.85 0.75 0.00	23.76 0.67 0.00
GREENDGE_115KV_TB5 80291	23.15 0.56 0.00	21.12 0.41 0.00	19.14 0.38 0.00	17.95 0.40 0.00	17.32 0.46 0.00	18.45 0.52 0.00	20.53 0.60 0.00	21.60 0.57 0.00	22.48 0.61 0.00	23.01 0.67 0.00	23.28 0.77 0.00	24.64 0.95 0.00	25.49 1.10 0.00	26.98 1.01 0.00	28.74 1.11 0.00	30.17 1.19 0.00	37.02 0.94 0.00	39.69 1.12 0.00	39.94 1.20 0.00	37.40 0.98 0.00	32.70 1.29 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.97 0.88 0.00
GREENIDGE___3 23582	23.15 0.56 0.00	21.12 0.41 0.00	19.14 0.38 0.00	17.95 0.40 0.00	17.32 0.46 0.00	18.45 0.52 0.00	20.53 0.60 0.00	21.60 0.57 0.00	22.48 0.61 0.00	23.01 0.67 0.00	23.28 0.77 0.00	24.64 0.95 0.00	25.49 1.10 0.00	26.98 1.01 0.00	28.74 1.11 0.00	30.17 1.19 0.00	37.02 0.94 0.00	39.69 1.12 0.00	39.94 1.20 0.00	37.40 0.98 0.00	32.70 1.29 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.97 0.88 0.00
GREENIDGE___4 23583	23.15 0.56 0.00	21.12 0.41 0.00	19.14 0.38 0.00	17.95 0.40 0.00	17.30 0.44 0.00	18.45 0.52 0.00	20.53 0.60 0.00	21.57 0.55 0.00	22.48 0.61 0.00	23.01 0.67 0.00	23.28 0.77 0.00	24.64 0.95 0.00	25.37 0.98 0.00	26.98 1.01 0.00	28.68 1.05 0.00	30.17 1.19 0.00	37.02 0.94 0.00	39.65 1.08 0.00	39.94 1.20 0.00	37.41 0.98 0.00	32.64 1.22 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.97 0.88 0.00
GREENLWN_69_KV_BK 3 55738	31.85 2.33 -6.94	28.11 1.99 -5.41	25.07 1.73 -4.58	19.16 1.56 -0.05	18.94 1.45 -0.62	20.15 1.54 -0.68	21.69 1.75 0.00	26.36 2.14 -3.19	29.62 2.45 -5.31	29.91 2.52 -5.05	32.72 2.50 -7.70	33.82 2.61 -7.52	33.47 2.76 -6.32	33.84 2.80 -5.07	32.65 2.98 -2.04	28.63 3.22 3.57	23.07 4.04 17.05	22.98 4.67 20.26	22.75 4.69 20.67	23.15 3.64 16.91	23.28 3.08 11.22	30.30 2.91 1.66	33.12 2.56 -5.47	33.76 2.40 -8.27
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
GRISSOM___SOLAR 323813	24.66 2.08 0.00	22.49 1.78 0.00	20.34 1.58 0.00	18.91 1.37 0.00	18.28 1.42 0.00	19.48 1.54 0.00	21.85 1.91 0.00	23.30 2.27 0.00	24.20 2.34 0.00	24.50 2.17 0.00	24.90 2.39 0.00	26.23 2.54 0.00	26.88 2.49 0.00	28.28 2.31 0.00	30.26 2.63 0.00	31.85 2.87 0.00	39.32 3.36 0.12	42.81 4.24 0.00	43.34 4.61 0.00	40.64 4.22 0.00	35.12 3.71 0.00	32.48 3.43 0.00	27.70 2.61 0.00	25.28 2.19 0.00
GROVEVILLE___HYD 323602	24.28 1.69 0.00	22.12 1.41 0.00	19.99 1.22 0.00	18.61 1.07 0.00	17.79 0.93 0.00	18.96 1.02 0.00	21.15 1.22 0.00	22.48 1.45 0.00	23.57 1.71 0.00	24.08 1.74 0.00	24.30 1.78 0.00	25.56 1.87 0.00	26.32 1.93 0.00	28.05 2.08 0.00	29.93 2.29 0.00	31.36 2.38 0.00	39.30 3.10 -0.11	42.35 3.78 0.00	42.42 3.68 0.00	39.19 2.77 0.00	33.77 2.36 0.00	31.23 2.18 0.00	27.00 1.91 0.00	24.82 1.73 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.76 0.18 0.00	20.81 0.10 0.00	18.86 0.09 0.00	17.67 0.12 0.00	17.00 0.13 0.00	18.09 0.16 0.00	20.13 0.20 0.00	21.24 0.21 0.00	21.97 0.11 0.00	22.45 0.11 0.00	22.67 0.16 0.00	23.93 0.24 0.00	24.68 0.29 0.00	26.21 0.23 0.00	27.88 0.25 0.00	29.27 0.29 0.00	36.34 0.25 0.00	39.07 0.50 0.00	39.20 0.46 0.00	36.75 0.33 0.00	31.73 0.31 0.00	29.31 0.26 0.00	25.32 0.23 0.00	23.30 0.21 0.00
HAMLTNNY_34_KV_TB 80303	22.85 0.27 0.00	20.90 0.19 0.00	18.94 0.17 0.00	17.75 0.21 0.00	17.08 0.22 0.00	18.17 0.23 0.00	20.21 0.28 0.00	21.32 0.29 0.00	22.02 0.15 0.00	22.49 0.16 0.00	22.70 0.18 0.00	23.95 0.26 0.00	24.71 0.32 0.00	26.28 0.31 0.00	27.97 0.33 0.00	29.39 0.41 0.00	36.48 0.40 0.00	39.30 0.73 0.00	39.47 0.74 0.00	36.97 0.55 0.00	31.92 0.50 0.00	29.49 0.44 0.00	25.47 0.38 0.00	23.44 0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	21.81 -0.77 0.00	20.09 -0.62 0.00	18.30 -0.47 0.00	17.17 -0.37 0.00	16.49 -0.37 0.00	17.43 -0.50 0.00	19.13 -0.80 0.00	20.19 -0.84 0.00	20.92 -0.94 0.00	21.36 -0.98 0.00	21.57 -0.94 0.00	22.63 -1.07 0.00	23.29 -1.10 0.00	24.70 -1.27 0.00	26.28 -1.35 0.00	27.62 -1.36 0.00	34.57 -1.51 0.00	37.10 -1.47 0.00	37.38 -1.36 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.53 -0.55 0.00
HARDSCRABBLE_WT_PWR 323673	22.27 -0.32 0.00	20.42 -0.29 0.00	18.49 -0.28 0.00	17.30 -0.25 0.00	16.64 -0.22 0.00	17.74 -0.20 0.00	19.75 -0.18 0.00	20.90 -0.13 0.00	21.73 -0.13 0.00	22.18 -0.16 0.00	22.49 -0.02 0.00	23.57 -0.12 0.00	24.27 -0.12 0.00	25.74 -0.23 0.00	27.41 -0.22 0.00	28.81 -0.17 0.00	35.90 -0.18 0.00	38.49 -0.08 0.00	38.77 0.04 0.00	36.46 0.04 0.00	31.48 0.06 0.00	29.23 0.18 0.00	25.29 0.20 0.00	23.30 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	24.09 1.51 0.00	21.95 1.24 0.00	19.82 1.05 0.00	18.47 0.93 0.00	17.67 0.81 0.00	18.81 0.88 0.00	21.01 1.08 0.00	22.33 1.30 0.00	23.42 1.55 0.00	23.92 1.59 0.00	24.21 1.69 0.00	25.47 1.78 0.00	26.25 1.85 0.00	27.87 1.90 0.00	29.73 2.10 0.00	31.19 2.20 0.00	39.06 2.85 -0.12	42.04 3.47 0.00	42.07 3.33 0.00	38.83 2.40 0.00	33.49 2.07 0.00	31.00 1.95 0.00	26.77 1.68 0.00	24.61 1.52 0.00
HARSNRAD_115KV_TB1 81005	22.94 0.36 0.00	20.90 0.19 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.23 0.37 0.00	18.33 0.39 0.00	20.13 0.20 0.00	20.90 -0.13 0.00	21.62 -0.24 0.00	22.38 0.04 0.00	22.52 0.00 0.00	23.93 0.24 0.00	24.76 0.37 0.00	26.02 0.05 0.00	27.69 0.06 0.00	28.96 -0.03 0.00	35.43 -0.65 0.00	38.11 -0.46 0.00	38.39 -0.35 0.00	36.02 -0.40 0.00	31.45 0.03 0.00	29.20 0.15 0.00	25.39 0.30 0.00	23.69 0.60 0.00
HARZA MOOSE___RIVER 24016	22.60 0.02 0.00	20.75 0.04 0.00	18.82 0.06 0.00	17.68 0.14 0.00	17.00 0.13 0.00	18.08 0.14 0.00	20.03 0.10 0.00	21.15 0.13 0.00	21.95 0.09 0.00	22.38 0.04 0.00	22.70 0.18 0.00	23.83 0.14 0.00	24.54 0.15 0.00	25.95 -0.03 0.00	27.58 -0.06 0.00	29.07 0.09 0.00	36.26 0.18 0.00	39.15 0.58 0.00	39.43 0.70 0.00	37.19 0.76 0.00	32.04 0.63 0.00	29.55 0.49 0.00	25.44 0.35 0.00	23.39 0.30 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	22.60 0.02 0.00	20.67 -0.04 0.00	18.73 -0.04 0.00	17.54 0.00 0.00	16.88 0.02 0.00	17.97 0.04 0.00	19.97 0.04 0.00	21.09 0.06 0.00	21.84 -0.02 0.00	22.34 0.00 0.00	22.56 0.05 0.00	23.81 0.12 0.00	24.56 0.17 0.00	26.05 0.08 0.00	27.69 0.06 0.00	29.10 0.12 0.00	36.12 0.04 0.00	38.76 0.19 0.00	38.89 0.15 0.00	36.46 0.04 0.00	31.45 0.03 0.00	29.05 0.00 0.00	25.12 0.03 0.00	23.14 0.05 0.00
HELLGATE_13_KV_LD 55870	24.50 1.92 0.00	22.31 1.59 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.98 1.11 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.39 2.06 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.11 2.39 -0.33	29.08 2.52 -0.58	30.45 2.76 -0.05	31.77 2.78 0.00	39.81 3.57 -0.15	42.90 4.32 -0.01	42.88 4.14 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.52 2.47 0.00	27.28 2.18 0.00	25.12 2.03 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.50 1.92 0.00	22.31 1.59 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.98 1.11 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.39 2.06 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.11 2.39 -0.33	29.08 2.52 -0.58	30.45 2.76 -0.05	31.77 2.78 0.00	39.81 3.57 -0.15	42.90 4.32 -0.01	42.88 4.14 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.52 2.47 0.00	27.28 2.18 0.00	25.12 2.03 0.00
HEMPSTEAD____ 23647	31.62 2.10 -6.94	27.90 1.78 -5.41	24.91 1.56 -4.58	18.98 1.39 -0.05	18.78 1.30 -0.62	19.99 1.38 -0.68	21.51 1.57 0.00	26.15 1.93 -3.19	29.38 2.21 -5.31	29.67 2.28 -5.05	32.47 2.25 -7.70	33.60 2.39 -7.52	34.04 2.51 -7.13	36.06 2.62 -7.46	37.63 2.87 -7.12	38.92 2.90 -7.04	42.62 3.68 -2.85	43.99 4.43 -0.99	43.29 4.30 -0.26	42.50 3.24 -2.83	41.92 2.73 -7.77	37.69 2.62 -6.02	35.01 2.36 -7.56	33.54 2.17 -8.28
HEWLETT_69_KV_BK3 55828	31.90 2.37 -6.94	28.13 2.01 -5.41	25.09 1.75 -4.58	19.16 1.56 -0.05	18.94 1.45 -0.62	20.15 1.54 -0.68	21.69 1.75 0.00	26.34 2.12 -3.19	29.58 2.41 -5.31	29.87 2.48 -5.05	32.63 2.41 -7.70	33.79 2.58 -7.52	34.19 2.71 -7.09	36.32 2.88 -7.46	37.91 3.15 -7.12	39.27 3.25 -7.04	43.01 4.08 -2.85	44.42 4.86 -0.99	43.76 4.76 -0.26	42.90 3.64 -2.83	42.26 3.08 -7.77	38.01 2.93 -6.02	35.34 2.68 -7.56	33.82 2.45 -8.28
HICKLING___1 23621	23.39 0.81 0.00	21.35 0.64 0.00	19.37 0.60 0.00	18.16 0.61 0.00	17.52 0.66 0.00	18.67 0.74 0.00	20.73 0.80 0.00	21.78 0.76 0.00	22.63 0.77 0.00	23.21 0.87 0.00	23.42 0.90 0.00	24.78 1.09 0.00	25.61 1.22 0.00	27.17 1.19 0.00	28.93 1.30 0.00	30.38 1.39 0.00	37.49 1.41 0.00	40.27 1.70 0.00	40.52 1.78 0.00	37.84 1.42 0.00	32.95 1.54 0.00	30.48 1.42 0.00	26.32 1.23 0.00	24.29 1.20 0.00
HICKLING___2 23622	23.39 0.81 0.00	21.35 0.64 0.00	19.37 0.60 0.00	18.16 0.61 0.00	17.52 0.66 0.00	18.67 0.74 0.00	20.73 0.80 0.00	21.78 0.76 0.00	22.63 0.77 0.00	23.21 0.87 0.00	23.42 0.90 0.00	24.78 1.09 0.00	25.61 1.22 0.00	27.17 1.19 0.00	28.93 1.30 0.00	30.38 1.39 0.00	37.49 1.41 0.00	40.27 1.70 0.00	40.52 1.78 0.00	37.84 1.42 0.00	32.95 1.54 0.00	30.48 1.42 0.00	26.32 1.23 0.00	24.29 1.20 0.00
HIGH FALLS___HY 23754	24.12 1.54 0.00	21.97 1.26 0.00	19.84 1.07 0.00	18.47 0.93 0.00	17.64 0.78 0.00	18.79 0.86 0.00	20.97 1.04 0.00	22.31 1.28 0.00	23.35 1.49 0.00	23.86 1.52 0.00	24.12 1.60 0.00	25.37 1.68 0.00	26.15 1.76 0.00	27.79 1.82 0.00	29.68 2.04 0.00	31.16 2.17 0.00	39.03 2.89 -0.06	42.08 3.51 0.00	42.14 3.41 0.00	38.90 2.48 0.00	33.52 2.10 0.00	31.00 1.95 0.00	26.80 1.71 0.00	24.64 1.55 0.00
HILLBURN___GT 23639	24.07 1.49 0.00	21.93 1.22 0.00	19.80 1.03 0.00	18.46 0.91 0.00	17.69 0.83 0.00	18.81 0.88 0.00	21.01 1.08 0.00	22.35 1.33 0.00	23.46 1.60 0.00	23.97 1.63 0.00	24.27 1.76 0.00	25.54 1.85 0.00	26.34 1.95 0.00	27.89 1.92 0.00	29.76 2.13 0.00	31.16 2.17 0.00	38.99 2.78 -0.13	41.96 3.39 0.00	41.99 3.25 0.00	38.68 2.26 0.00	33.36 1.95 0.00	30.91 1.86 0.00	26.72 1.63 0.00	24.57 1.48 0.00
HILLSIDE_115KV_TB1 80332	22.97 0.38 0.00	20.96 0.25 0.00	19.01 0.24 0.00	17.82 0.28 0.00	17.18 0.32 0.00	18.29 0.36 0.00	20.33 0.40 0.00	21.34 0.32 0.00	22.19 0.33 0.00	22.76 0.42 0.00	22.97 0.45 0.00	24.31 0.62 0.00	25.10 0.71 0.00	26.59 0.62 0.00	28.32 0.69 0.00	29.71 0.72 0.00	36.70 0.61 0.00	39.42 0.85 0.00	39.63 0.89 0.00	36.97 0.55 0.00	32.20 0.79 0.00	29.81 0.76 0.00	25.72 0.63 0.00	23.76 0.67 0.00
HISHELDN_WT_PWR 323625	22.99 0.41 0.00	20.96 0.25 0.00	19.09 0.32 0.00	17.88 0.33 0.00	17.25 0.39 0.00	18.38 0.45 0.00	20.29 0.36 0.00	21.11 0.08 0.00	21.89 0.02 0.00	22.63 0.29 0.00	22.79 0.27 0.00	24.19 0.50 0.00	24.76 0.37 0.00	26.31 0.34 0.00	27.91 0.28 0.00	29.33 0.35 0.00	35.90 -0.18 0.00	38.61 0.04 0.00	38.93 0.19 0.00	36.53 0.11 0.00	31.89 0.47 0.00	29.55 0.49 0.00	25.64 0.55 0.00	23.85 0.76 0.00
HOLTSVILLE_IC_1 23690	32.21 2.69 -6.94	28.44 2.32 -5.41	25.38 2.03 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.93 2.75 -5.31	30.20 2.81 -5.05	32.90 2.68 -7.70	34.07 2.87 -7.52	39.55 2.95 -12.20	47.54 3.06 -18.50	64.63 3.26 -33.73	86.48 3.30 -54.19	131.55 4.15 -91.32	138.87 4.86 -95.44	136.86 4.84 -93.29	130.78 3.75 -90.61	126.79 3.21 -92.17	72.35 3.11 -40.18	46.41 2.83 -18.48	34.15 2.72 -8.34
HOLTSVILLE_IC_10 23699	32.44 2.91 -6.94	28.63 2.50 -5.41	25.54 2.19 -4.58	19.60 2.00 -0.05	19.37 1.89 -0.62	20.60 1.99 -0.68	22.12 2.19 0.00	26.82 2.61 -3.19	30.15 2.97 -5.31	30.43 3.04 -5.05	33.10 2.88 -7.70	34.31 3.10 -7.52	40.14 3.19 -12.55	48.56 3.37 -19.22	66.66 3.59 -35.44	89.88 3.65 -57.24	137.70 4.58 -97.04	145.44 5.32 -101.55	143.34 5.31 -99.30	136.92 4.22 -96.28	132.65 3.61 -97.62	74.90 3.46 -42.39	47.41 3.14 -19.18	34.41 2.98 -8.34
HOLTSVILLE_IC_2 23691	32.21 2.69 -6.94	28.44 2.32 -5.41	25.38 2.03 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.93 2.75 -5.31	30.20 2.81 -5.05	32.90 2.68 -7.70	34.07 2.87 -7.52	39.55 2.95 -12.20	47.54 3.06 -18.50	64.63 3.26 -33.73	86.48 3.30 -54.19	131.55 4.15 -91.32	138.87 4.86 -95.44	136.86 4.84 -93.29	130.78 3.75 -90.61	126.79 3.21 -92.17	72.35 3.11 -40.18	46.41 2.83 -18.48	34.15 2.72 -8.34
HOLTSVILLE_IC_3 23692	32.21 2.69 -6.94	28.44 2.32 -5.41	25.38 2.03 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.93 2.75 -5.31	30.20 2.81 -5.05	32.90 2.68 -7.70	34.07 2.87 -7.52	39.55 2.95 -12.20	47.54 3.06 -18.50	64.63 3.26 -33.73	86.48 3.30 -54.19	131.55 4.15 -91.32	138.87 4.86 -95.44	136.86 4.84 -93.29	130.78 3.75 -90.61	126.79 3.21 -92.17	72.35 3.11 -40.18	46.41 2.83 -18.48	34.15 2.72 -8.34

HOLTSVILLE_IC_4 23693	32.21 2.69 -6.94	28.44 2.32 -5.41	25.38 2.03 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.93 2.75 -5.31	30.20 2.81 -5.05	32.90 2.68 -7.70	34.07 2.87 -7.52	39.55 2.95 -12.20	47.54 3.06 -18.50	64.63 3.26 -33.73	86.48 3.30 -54.19	131.55 4.15 -91.32	138.87 4.86 -95.44	136.86 4.84 -93.29	130.78 3.75 -90.61	126.79 3.21 -92.17	72.35 3.11 -40.18	46.41 2.83 -18.48	34.15 2.72 -8.34
HOLTSVILLE_IC_5 23694	32.21 2.69 -6.94	28.44 2.32 -5.41	25.38 2.03 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.93 2.75 -5.31	30.20 2.81 -5.05	32.90 2.68 -7.70	34.07 2.87 -7.52	39.55 2.95 -12.20	47.54 3.06 -18.50	64.63 3.26 -33.73	86.48 3.30 -54.19	131.55 4.15 -91.32	138.87 4.86 -95.44	136.86 4.84 -93.29	130.78 3.75 -90.61	126.79 3.21 -92.17	72.35 3.11 -40.18	46.41 2.83 -18.48	34.15 2.72 -8.34
HOLTSVILLE_IC_6 23695	32.44 2.91 -6.94	28.63 2.50 -5.41	25.54 2.19 -4.58	19.60 2.00 -0.05	19.37 1.89 -0.62	20.60 1.99 -0.68	22.12 2.19 0.00	26.82 2.61 -3.19	30.15 2.97 -5.31	30.43 3.04 -5.05	33.10 2.88 -7.70	34.31 3.10 -7.52	40.14 3.19 -12.55	48.56 3.37 -19.22	66.66 3.59 -35.44	89.88 3.65 -57.24	137.70 4.58 -97.04	145.44 5.32 -101.55	143.34 5.31 -99.30	136.92 4.22 -96.28	132.65 3.61 -97.62	74.90 3.46 -42.39	47.41 3.14 -19.18	34.41 2.98 -8.34
HOLTSVILLE_IC_7 23696	32.44 2.91 -6.94	28.63 2.50 -5.41	25.54 2.19 -4.58	19.60 2.00 -0.05	19.37 1.89 -0.62	20.60 1.99 -0.68	22.12 2.19 0.00	26.82 2.61 -3.19	30.15 2.97 -5.31	30.43 3.04 -5.05	33.10 2.88 -7.70	34.31 3.10 -7.52	40.14 3.19 -12.55	48.56 3.37 -19.22	66.66 3.59 -35.44	89.88 3.65 -57.24	137.70 4.58 -97.04	145.44 5.32 -101.55	143.34 5.31 -99.30	136.92 4.22 -96.28	132.65 3.61 -97.62	74.90 3.46 -42.39	47.41 3.14 -19.18	34.41 2.98 -8.34
HOLTSVILLE_IC_8 23697	32.44 2.91 -6.94	28.63 2.50 -5.41	25.54 2.19 -4.58	19.60 2.00 -0.05	19.37 1.89 -0.62	20.60 1.99 -0.68	22.12 2.19 0.00	26.82 2.61 -3.19	30.15 2.97 -5.31	30.43 3.04 -5.05	33.10 2.88 -7.70	34.31 3.10 -7.52	40.14 3.19 -12.55	48.56 3.37 -19.22	66.66 3.59 -35.44	89.88 3.65 -57.24	137.70 4.58 -97.04	145.44 5.32 -101.55	143.34 5.31 -99.30	136.92 4.22 -96.28	132.65 3.61 -97.62	74.90 3.46 -42.39	47.41 3.14 -19.18	34.41 2.98 -8.34
HOLTSVILLE_IC_9 23698	32.44 2.91 -6.94	28.63 2.50 -5.41	25.54 2.19 -4.58	19.60 2.00 -0.05	19.37 1.89 -0.62	20.60 1.99 -0.68	22.12 2.19 0.00	26.82 2.61 -3.19	30.15 2.97 -5.31	30.43 3.04 -5.05	33.10 2.88 -7.70	34.31 3.10 -7.52	40.14 3.19 -12.55	48.56 3.37 -19.22	66.66 3.59 -35.44	89.88 3.65 -57.24	137.70 4.58 -97.04	145.44 5.32 -101.55	143.34 5.31 -99.30	136.92 4.22 -96.28	132.65 3.61 -97.62	74.90 3.46 -42.39	47.41 3.14 -19.18	34.41 2.98 -8.34
HOMER_HL_115KV_TB2 355744	23.06 0.47 0.00	21.02 0.31 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.33 0.47 0.00	18.44 0.50 0.00	20.41 0.48 0.00	21.30 0.27 0.00	22.13 0.26 0.00	22.83 0.49 0.00	22.99 0.47 0.00	24.40 0.71 0.00	25.25 0.85 0.00	26.62 0.65 0.00	28.32 0.69 0.00	29.71 0.72 0.00	36.45 0.36 0.00	39.11 0.54 0.00	39.36 0.62 0.00	36.75 0.33 0.00	32.23 0.82 0.00	29.90 0.84 0.00	25.82 0.73 0.00	23.94 0.85 0.00
HOWARD_WT_PWR 323690	23.26 0.68 0.00	21.23 0.52 0.00	19.29 0.52 0.00	18.11 0.56 0.00	17.49 0.62 0.00	18.65 0.72 0.00	20.69 0.76 0.00	21.62 0.59 0.00	22.45 0.59 0.00	23.10 0.76 0.00	23.30 0.79 0.00	24.71 1.02 0.00	25.39 1.00 0.00	26.98 1.01 0.00	28.57 0.94 0.00	30.06 1.07 0.00	36.91 0.83 0.00	39.77 1.20 0.00	40.17 1.43 0.00	37.70 1.27 0.00	32.86 1.45 0.00	30.45 1.39 0.00	26.32 1.23 0.00	24.34 1.25 0.00
HQ_GEN_CEDARS 23644	21.88 -0.70 0.00	20.19 -0.52 0.00	18.49 -0.28 0.00	17.28 -0.26 0.00	16.59 -0.27 0.00	17.56 -0.38 0.00	19.25 -0.68 0.00	20.29 -0.74 0.00	21.08 -0.79 0.00	21.53 -0.80 0.00	21.73 -0.79 0.00	22.79 -0.90 0.00	23.42 -0.98 0.00	24.96 -1.01 0.00	26.56 -1.08 0.00	27.85 -1.13 0.00	34.75 -1.34 0.00	36.87 -1.70 0.00	37.03 -1.70 0.00	35.29 -1.13 0.00	30.41 -1.01 0.00	28.12 -0.93 0.00	24.31 -0.78 0.00	22.44 -0.65 0.00
HQ_GEN_CEDARS_PROXY 323590	21.88 -0.70 0.00	20.19 -0.52 0.00	18.49 -0.28 0.00	17.28 -0.26 0.00	16.59 -0.27 0.00	17.56 -0.38 0.00	19.25 -0.68 0.00	20.29 -0.74 0.00	21.08 -0.79 0.00	21.53 -0.80 0.00	21.73 -0.79 0.00	22.79 -0.90 0.00	23.44 -0.95 0.00	24.96 -1.01 0.00	26.56 -1.08 0.00	27.85 -1.13 0.00	34.75 -1.33 0.00	36.87 -1.70 0.00	37.03 -1.70 0.00	35.29 -1.13 0.00	30.41 -1.01 0.00	28.12 -0.93 0.00	24.31 -0.78 0.00	22.44 -0.65 0.00
HQ_GEN_IMPORT 323601	22.13 -0.45 0.00	20.38 -0.33 0.00	18.50 -0.26 0.00	17.30 -0.25 0.00	16.63 -0.24 0.00	17.65 -0.29 0.00	19.57 -0.36 0.00	20.61 -0.42 0.00	21.40 -0.46 0.00	21.87 -0.47 0.00	22.04 -0.47 0.00	23.17 -0.52 0.00	23.86 -0.54 0.00	25.40 -0.57 0.00	27.03 -0.61 0.00	28.35 -0.64 0.00	35.38 -0.76 -0.06	37.39 -1.12 0.06	37.39 -1.12 0.22	35.95 -0.69 -0.22	30.82 -0.60 0.00	28.50 -0.55 0.00	24.59 -0.50 0.00	22.65 -0.44 0.00
HQ_GEN_WHEEL 23651	22.13 -0.45 0.00	20.38 -0.33 0.00	18.50 -0.26 0.00	17.30 -0.25 0.00	16.63 -0.24 0.00	17.65 -0.29 0.00	19.57 -0.36 0.00	20.61 -0.42 0.00	21.40 -0.46 0.00	21.87 -0.47 0.00	22.04 -0.47 0.00	23.17 -0.52 0.00	23.86 -0.54 0.00	25.40 -0.57 0.00	27.03 -0.61 0.00	28.35 -0.64 0.00	35.38 -0.76 -0.06	37.39 -1.12 0.06	37.39 -1.12 0.22	35.95 -0.69 -0.22	30.82 -0.60 0.00	28.50 -0.55 0.00	24.59 -0.50 0.00	22.65 -0.44 0.00
HUDSON_AVE_GT_3 23810	24.43 1.85 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.68 1.14 0.00	17.89 1.03 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.71 1.68 0.00	23.85 1.99 0.00	24.42 2.08 0.00	24.66 2.14 0.00	25.97 2.27 0.00	26.76 2.37 0.00	28.46 2.49 0.00	30.37 2.74 0.00	31.74 2.75 0.00	39.77 3.54 -0.15	42.85 4.28 0.00	42.84 4.11 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.44 2.38 0.00	27.23 2.13 0.00	25.05 1.96 0.00
HUDSON_AVE_GT_4 23540	24.43 1.85 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.68 1.14 0.00	17.89 1.03 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.71 1.68 0.00	23.85 1.99 0.00	24.42 2.08 0.00	24.66 2.14 0.00	25.97 2.27 0.00	26.76 2.37 0.00	28.46 2.49 0.00	30.37 2.74 0.00	31.74 2.75 0.00	39.77 3.54 -0.15	42.85 4.28 0.00	42.84 4.11 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.44 2.38 0.00	27.23 2.13 0.00	25.05 1.96 0.00
HUDSON_AVE_GT_5 23657	24.43 1.85 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.68 1.14 0.00	17.89 1.03 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.71 1.68 0.00	23.85 1.99 0.00	24.42 2.08 0.00	24.66 2.14 0.00	25.97 2.27 0.00	26.76 2.37 0.00	28.46 2.49 0.00	30.37 2.74 0.00	31.74 2.75 0.00	39.77 3.54 -0.15	42.85 4.28 0.00	42.84 4.11 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.44 2.38 0.00	27.23 2.13 0.00	25.05 1.96 0.00

HUDSON_AVE_10 24168	24.39 1.81 0.00	22.20 1.49 0.00	20.03 1.26 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.67 1.64 0.00	23.83 1.97 0.00	24.39 2.06 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.68 2.29 0.00	28.36 2.39 0.00	30.26 2.63 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.73 4.17 0.00	42.73 3.99 0.00	39.26 2.84 0.00	33.74 2.32 0.00	31.35 2.30 0.00	27.18 2.08 0.00	25.01 1.92 0.00
HUDSON___115KV_TB 4 355613	23.71 1.13 0.00	21.60 0.89 0.00	19.54 0.77 0.00	18.26 0.72 0.00	17.55 0.69 0.00	18.69 0.75 0.00	20.81 0.88 0.00	21.97 0.95 0.00	22.91 1.05 0.00	23.34 1.01 0.00	23.49 0.97 0.00	24.71 1.02 0.00	25.42 1.02 0.00	27.19 1.22 0.00	28.96 1.33 0.00	30.35 1.36 0.00	37.92 1.95 0.11	40.92 2.35 0.00	41.25 2.52 0.00	38.53 2.11 0.00	33.27 1.85 0.00	30.71 1.66 0.00	26.42 1.33 0.00	24.27 1.18 0.00
HUNTER MOUNT___DRP 323613	23.78 1.20 0.00	21.66 0.95 0.00	19.59 0.83 0.00	18.33 0.79 0.00	17.59 0.73 0.00	18.72 0.79 0.00	20.87 0.94 0.00	21.99 0.97 0.00	22.91 1.05 0.00	23.34 1.01 0.00	23.46 0.95 0.00	24.69 1.00 0.00	25.39 1.00 0.00	27.19 1.22 0.00	28.99 1.35 0.00	30.35 1.36 0.00	38.14 2.13 0.08	41.04 2.47 0.00	41.37 2.63 0.00	38.72 2.29 0.00	33.46 2.04 0.00	30.88 1.83 0.00	26.55 1.46 0.00	24.36 1.27 0.00
HUNTINGTON_RES_REC 323705	32.14 2.62 -6.94	28.36 2.24 -5.41	25.30 1.95 -4.58	19.37 1.77 -0.05	19.14 1.65 -0.62	20.37 1.76 -0.68	21.89 1.95 0.00	26.57 2.35 -3.19	29.89 2.71 -5.31	30.16 2.77 -5.05	32.90 2.68 -7.70	34.07 2.87 -7.52	47.40 3.02 -19.99	62.21 3.12 -33.12	83.27 3.37 -52.27	158.13 3.48 -125.66	265.85 4.36 -225.40	282.21 5.05 -238.59	278.05 5.03 -234.28	264.03 3.97 -223.64	254.90 3.39 -220.09	124.24 3.22 -91.96	54.10 2.88 -26.12	34.27 2.75 -8.44
HUNTLEY___63 23557	23.06 0.47 0.00	20.98 0.27 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.32 0.46 0.00	18.42 0.48 0.00	20.25 0.32 0.00	21.03 0.00 0.00	21.80 -0.07 0.00	22.58 0.25 0.00	22.72 0.20 0.00	24.17 0.47 0.00	25.00 0.61 0.00	26.26 0.29 0.00	27.94 0.30 0.00	29.25 0.26 0.00	35.76 -0.32 0.00	38.45 -0.12 0.00	38.70 -0.04 0.00	36.35 -0.07 0.00	31.73 0.31 0.00	29.43 0.38 0.00	25.57 0.48 0.00	23.85 0.76 0.00
HUNTLEY___64 23558	23.06 0.47 0.00	20.98 0.27 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.32 0.46 0.00	18.42 0.48 0.00	20.25 0.32 0.00	21.03 0.00 0.00	21.80 -0.07 0.00	22.58 0.25 0.00	22.72 0.20 0.00	24.17 0.47 0.00	25.00 0.61 0.00	26.26 0.29 0.00	27.94 0.30 0.00	29.25 0.26 0.00	35.76 -0.32 0.00	38.45 -0.12 0.00	38.70 -0.04 0.00	36.35 -0.07 0.00	31.73 0.31 0.00	29.43 0.38 0.00	25.57 0.48 0.00	23.85 0.76 0.00
HUNTLEY___65 23559	23.06 0.47 0.00	20.98 0.27 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.32 0.46 0.00	18.42 0.48 0.00	20.25 0.32 0.00	21.03 0.00 0.00	21.80 -0.07 0.00	22.58 0.25 0.00	22.72 0.20 0.00	24.17 0.47 0.00	25.00 0.61 0.00	26.26 0.29 0.00	27.94 0.30 0.00	29.25 0.26 0.00	35.76 -0.32 0.00	38.45 -0.12 0.00	38.70 -0.04 0.00	36.35 -0.07 0.00	31.73 0.31 0.00	29.43 0.38 0.00	25.57 0.48 0.00	23.85 0.76 0.00
HUNTLEY___66 23560	23.06 0.47 0.00	20.98 0.27 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.32 0.46 0.00	18.42 0.48 0.00	20.25 0.32 0.00	21.03 0.00 0.00	21.80 -0.07 0.00	22.58 0.25 0.00	22.72 0.20 0.00	24.17 0.47 0.00	25.00 0.61 0.00	26.26 0.29 0.00	27.94 0.30 0.00	29.25 0.26 0.00	35.76 -0.32 0.00	38.45 -0.12 0.00	38.70 -0.04 0.00	36.35 -0.07 0.00	31.73 0.31 0.00	29.43 0.38 0.00	25.57 0.48 0.00	23.85 0.76 0.00
HUNTLEY___67 23561	22.94 0.36 0.00	20.90 0.19 0.00	19.05 0.28 0.00	17.82 0.28 0.00	17.22 0.35 0.00	18.31 0.38 0.00	20.19 0.26 0.00	20.94 -0.08 0.00	21.69 -0.17 0.00	22.45 0.11 0.00	22.58 0.07 0.00	24.00 0.31 0.00	24.83 0.44 0.00	26.10 0.13 0.00	27.77 0.14 0.00	29.07 0.09 0.00	35.54 -0.54 0.00	38.22 -0.35 0.00	38.46 -0.27 0.00	36.09 -0.33 0.00	31.51 0.09 0.00	29.26 0.20 0.00	25.44 0.35 0.00	23.74 0.65 0.00
HUNTLEY___68 23562	22.94 0.36 0.00	20.90 0.19 0.00	19.05 0.28 0.00	17.82 0.28 0.00	17.22 0.35 0.00	18.31 0.38 0.00	20.19 0.26 0.00	20.94 -0.08 0.00	21.69 -0.17 0.00	22.45 0.11 0.00	22.58 0.07 0.00	24.00 0.31 0.00	24.83 0.44 0.00	26.10 0.13 0.00	27.77 0.14 0.00	29.07 0.09 0.00	35.54 -0.54 0.00	38.22 -0.35 0.00	38.46 -0.27 0.00	36.09 -0.33 0.00	31.51 0.09 0.00	29.26 0.20 0.00	25.44 0.35 0.00	23.74 0.65 0.00
HYLAND___LFGE 323620	24.09 1.51 0.00	21.99 1.28 0.00	19.91 1.14 0.00	18.67 1.12 0.00	17.99 1.13 0.00	19.19 1.25 0.00	21.19 1.26 0.00	21.83 0.80 0.00	22.28 0.41 0.00	22.63 0.29 0.00	22.68 0.16 0.00	24.24 0.55 0.00	24.83 0.44 0.00	26.31 0.34 0.00	27.25 -0.39 0.00	28.78 -0.20 0.00	35.69 -0.40 0.00	38.95 0.39 0.00	39.82 1.08 0.00	37.84 1.42 0.00	32.99 1.57 0.00	30.62 1.57 0.00	27.17 2.08 0.00	24.98 1.89 0.00
INDECK___CORINTH 23802	23.73 1.15 0.00	21.62 0.91 0.00	19.56 0.79 0.00	18.19 0.65 0.00	17.55 0.69 0.00	18.69 0.75 0.00	20.89 0.96 0.00	22.08 1.05 0.00	23.07 1.20 0.00	23.54 1.21 0.00	23.46 0.95 0.00	24.69 0.99 0.00	25.17 0.78 0.00	26.91 0.93 0.00	28.74 1.11 0.00	30.11 1.13 0.00	37.39 1.48 0.17	40.57 2.00 0.00	41.22 2.48 0.00	38.53 2.11 0.00	33.30 1.88 0.00	31.00 1.95 0.00	26.57 1.48 0.00	24.34 1.25 0.00
INDECK___ILION 23567	22.58 0.00 0.00	20.71 0.00 0.00	18.75 -0.02 0.00	17.53 -0.02 0.00	16.85 -0.02 0.00	17.95 0.02 0.00	19.97 0.04 0.00	21.09 0.06 0.00	21.93 0.07 0.00	22.40 0.07 0.00	22.67 0.16 0.00	23.81 0.12 0.00	24.49 0.10 0.00	26.02 0.05 0.00	27.69 0.06 0.00	29.07 0.09 0.00	36.23 0.14 0.00	38.80 0.23 0.00	39.05 0.31 0.00	36.64 0.22 0.00	31.64 0.22 0.00	29.29 0.23 0.00	25.29 0.20 0.00	23.27 0.18 0.00
INDECK___OLEAN 23982	23.06 0.47 0.00	21.02 0.31 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.32 0.46 0.00	18.43 0.50 0.00	20.41 0.48 0.00	21.28 0.25 0.00	22.13 0.26 0.00	22.83 0.49 0.00	22.99 0.47 0.00	24.40 0.71 0.00	25.00 0.61 0.00	26.62 0.65 0.00	28.27 0.64 0.00	29.71 0.72 0.00	36.41 0.32 0.00	39.11 0.54 0.00	39.35 0.62 0.00	36.75 0.33 0.00	32.23 0.82 0.00	29.90 0.84 0.00	25.82 0.73 0.00	23.94 0.85 0.00
INDECK___OSWEGO 23783	22.36 -0.23 0.00	20.44 -0.27 0.00	18.54 -0.22 0.00	17.37 -0.18 0.00	16.71 -0.15 0.00	17.77 -0.16 0.00	19.75 -0.18 0.00	20.84 -0.19 0.00	21.56 -0.31 0.00	22.03 -0.31 0.00	22.22 -0.29 0.00	23.43 -0.26 0.00	24.12 -0.27 0.00	25.66 -0.31 0.00	27.30 -0.33 0.00	28.46 -0.52 0.00	35.32 -0.76 0.00	37.95 -0.62 0.00	38.11 -0.62 0.00	35.77 -0.65 0.00	30.88 -0.53 0.00	28.73 -0.32 0.00	24.82 -0.28 0.00	22.84 -0.25 0.00

INDECK___YERKES 23781	23.08 0.50 0.00	21.00 0.29 0.00	19.16 0.39 0.00	17.95 0.40 0.00	17.30 0.44 0.00	18.43 0.50 0.00	20.27 0.34 0.00	21.03 0.00 0.00	21.82 -0.04 0.00	22.61 0.27 0.00	22.74 0.23 0.00	24.19 0.50 0.00	24.73 0.34 0.00	26.28 0.31 0.00	27.91 0.28 0.00	29.30 0.32 0.00	35.76 -0.33 0.00	38.45 -0.12 0.00	38.74 0.00 0.00	36.42 0.00 0.00	31.76 0.35 0.00	29.46 0.41 0.00	25.59 0.50 0.00	23.87 0.79 0.00
INDIAN POINT_GT_1 24139	24.16 1.58 0.00	22.01 1.30 0.00	19.87 1.11 0.00	18.51 0.96 0.00	17.74 0.88 0.00	18.88 0.95 0.00	21.09 1.16 0.00	22.46 1.43 0.00	23.55 1.68 0.00	24.08 1.74 0.00	24.27 1.76 0.00	25.54 1.85 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.84 2.21 0.00	31.27 2.29 0.00	39.15 2.92 -0.14	42.16 3.59 0.00	42.18 3.45 0.00	38.90 2.48 0.00	33.52 2.10 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.68 1.59 0.00
INDIAN POINT_GT_2 23659	24.16 1.58 0.00	22.01 1.30 0.00	19.87 1.11 0.00	18.51 0.96 0.00	17.74 0.88 0.00	18.88 0.95 0.00	21.09 1.16 0.00	22.46 1.43 0.00	23.55 1.68 0.00	24.08 1.74 0.00	24.27 1.76 0.00	25.54 1.85 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.84 2.21 0.00	31.27 2.29 0.00	39.15 2.92 -0.14	42.16 3.59 0.00	42.18 3.45 0.00	38.90 2.48 0.00	33.52 2.10 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.68 1.59 0.00
INDIAN POINT_GT_3 24019	24.16 1.58 0.00	22.01 1.30 0.00	19.87 1.11 0.00	18.51 0.96 0.00	17.74 0.88 0.00	18.88 0.95 0.00	21.09 1.16 0.00	22.46 1.43 0.00	23.55 1.68 0.00	24.08 1.74 0.00	24.27 1.76 0.00	25.54 1.85 0.00	26.32 1.93 0.00	28.00 2.03 0.00	29.84 2.21 0.00	31.27 2.29 0.00	39.15 2.92 -0.14	42.16 3.59 0.00	42.18 3.45 0.00	38.90 2.48 0.00	33.52 2.10 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.68 1.59 0.00
INDIAN POINT___2 23530	24.14 1.56 0.00	21.99 1.28 0.00	19.86 1.09 0.00	18.51 0.96 0.00	17.74 0.88 0.00	18.87 0.93 0.00	21.07 1.14 0.00	22.44 1.41 0.00	23.52 1.66 0.00	24.06 1.72 0.00	24.25 1.73 0.00	25.54 1.85 0.00	26.34 1.95 0.00	27.97 2.00 0.00	29.84 2.21 0.00	31.22 2.23 0.00	39.11 2.89 -0.14	42.08 3.51 0.00	42.15 3.41 0.00	38.82 2.40 0.00	33.46 2.04 0.00	31.00 1.95 0.00	26.80 1.71 0.00	24.66 1.57 0.00
INDIAN POINT___3 23531	24.14 1.56 0.00	21.99 1.28 0.00	19.86 1.09 0.00	18.51 0.96 0.00	17.74 0.88 0.00	18.88 0.95 0.00	21.07 1.14 0.00	22.44 1.41 0.00	23.55 1.68 0.00	24.06 1.72 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.27 1.88 0.00	27.97 2.00 0.00	29.82 2.18 0.00	31.22 2.23 0.00	39.08 2.85 -0.14	42.04 3.47 0.00	42.11 3.37 0.00	38.83 2.40 0.00	33.43 2.01 0.00	31.00 1.95 0.00	26.80 1.71 0.00	24.66 1.57 0.00
INGHAM_C_115KV_TB7 356103	22.42 -0.16 0.00	20.57 -0.14 0.00	18.62 -0.15 0.00	17.42 -0.12 0.00	16.74 -0.12 0.00	17.86 -0.07 0.00	19.87 -0.06 0.00	21.01 -0.02 0.00	21.84 -0.02 0.00	22.29 -0.04 0.00	22.63 0.11 0.00	23.69 0.00 0.00	24.39 0.00 0.00	25.87 -0.10 0.00	27.52 -0.11 0.00	28.93 -0.06 0.00	36.08 0.00 0.00	38.65 0.08 0.00	38.93 0.19 0.00	36.60 0.18 0.00	31.60 0.19 0.00	29.34 0.29 0.00	25.37 0.28 0.00	23.37 0.28 0.00
IP CORINTH___1 23988	23.87 1.29 0.00	21.72 1.01 0.00	19.65 0.88 0.00	18.30 0.75 0.00	17.64 0.78 0.00	18.78 0.84 0.00	21.01 1.08 0.00	22.18 1.16 0.00	23.20 1.33 0.00	23.66 1.32 0.00	23.58 1.06 0.00	24.83 1.14 0.00	25.27 0.88 0.00	27.06 1.09 0.00	28.88 1.24 0.00	30.29 1.30 0.00	37.61 1.70 0.17	40.81 2.24 0.00	41.41 2.67 0.00	38.75 2.33 0.00	33.49 2.07 0.00	31.17 2.12 0.00	26.70 1.61 0.00	24.47 1.39 0.00
IP___TICONDEROGA 23804	25.02 2.44 0.00	22.72 2.01 0.00	20.55 1.78 0.00	19.07 1.53 0.00	18.46 1.60 0.00	19.67 1.74 0.00	22.07 2.13 0.00	23.28 2.25 0.00	24.33 2.47 0.00	24.79 2.46 0.00	24.79 2.27 0.00	26.23 2.54 0.00	26.61 2.22 0.00	28.41 2.44 0.00	30.40 2.76 0.00	31.85 2.87 0.00	39.55 3.64 0.17	43.08 4.51 0.00	43.81 5.07 0.00	41.19 4.77 0.00	35.75 4.34 0.00	33.18 4.13 0.00	28.20 3.11 0.00	25.74 2.66 0.00
ISLIP_RES_REC 323679	32.59 3.07 -6.94	28.75 2.63 -5.41	25.66 2.31 -4.58	19.70 2.10 -0.05	19.48 1.99 -0.62	20.71 2.10 -0.68	22.26 2.33 0.00	26.97 2.75 -3.19	30.30 3.13 -5.31	30.58 3.19 -5.05	33.28 3.06 -7.70	34.53 3.32 -7.52	39.88 3.41 -12.07	47.95 3.61 -18.37	66.48 3.87 -34.98	85.72 3.97 -52.76	129.66 4.94 -88.63	136.89 5.75 -92.57	134.89 5.70 -90.46	128.91 4.55 -87.94	124.91 3.89 -89.60	71.95 3.75 -39.15	47.47 3.39 -18.99	34.61 3.19 -8.34
JAMAICA__27_KV_LOAD 355505	24.59 2.01 0.00	22.37 1.66 0.00	20.16 1.39 0.00	18.75 1.21 0.00	17.96 1.10 0.00	19.14 1.20 0.00	21.41 1.47 0.00	22.88 1.85 0.00	24.09 2.23 0.00	24.66 2.32 0.00	24.77 2.25 0.00	26.11 2.42 0.00	26.88 2.49 0.00	28.54 2.57 0.00	30.45 2.82 0.00	31.85 2.87 0.00	39.95 3.72 -0.15	43.08 4.51 0.00	43.11 4.38 0.00	39.63 3.21 0.00	33.99 2.58 0.00	31.52 2.47 0.00	27.48 2.38 0.00	25.28 2.19 0.00
JANIS___SOLAR 323808	23.62 1.04 0.00	21.60 0.89 0.00	19.57 0.81 0.00	18.33 0.79 0.00	17.66 0.79 0.00	18.83 0.90 0.00	20.97 1.04 0.00	22.06 1.03 0.00	22.82 0.96 0.00	23.16 0.83 0.00	23.37 0.86 0.00	24.57 0.88 0.00	25.29 0.90 0.00	26.98 1.01 0.00	28.68 1.05 0.00	30.38 1.39 0.00	37.85 1.77 0.00	40.80 2.24 0.00	41.33 2.60 0.00	38.90 2.48 0.00	33.68 2.26 0.00	31.06 2.00 0.00	26.67 1.58 0.00	24.47 1.39 0.00
JARVIS____ 23743	22.65 0.07 0.00	20.75 0.04 0.00	18.81 0.04 0.00	17.58 0.04 0.00	16.90 0.03 0.00	17.97 0.04 0.00	19.99 0.06 0.00	21.11 0.08 0.00	21.95 0.09 0.00	22.43 0.09 0.00	22.61 0.09 0.00	23.79 0.10 0.00	24.49 0.10 0.00	26.05 0.08 0.00	27.72 0.08 0.00	29.07 0.09 0.00	36.19 0.11 0.00	38.76 0.19 0.00	38.97 0.23 0.00	36.53 0.11 0.00	31.51 0.09 0.00	29.14 0.09 0.00	25.17 0.08 0.00	23.16 0.07 0.00
JENNISON___1 23625	23.76 1.17 0.00	21.75 1.04 0.00	19.69 0.92 0.00	18.42 0.88 0.00	17.72 0.86 0.00	18.90 0.97 0.00	21.05 1.12 0.00	22.23 1.20 0.00	23.07 1.20 0.00	23.50 1.16 0.00	23.78 1.26 0.00	25.00 1.30 0.00	25.73 1.34 0.00	27.40 1.43 0.00	29.15 1.52 0.00	30.84 1.86 0.00	38.36 2.27 0.00	41.31 2.74 0.00	41.64 2.91 0.00	39.04 2.62 0.00	33.80 2.39 0.00	31.15 2.09 0.00	26.77 1.68 0.00	24.57 1.48 0.00
JENNISON___2 23626	23.76 1.17 0.00	21.75 1.04 0.00	19.69 0.92 0.00	18.42 0.88 0.00	17.72 0.86 0.00	18.90 0.97 0.00	21.05 1.12 0.00	22.23 1.20 0.00	23.07 1.20 0.00	23.50 1.16 0.00	23.78 1.26 0.00	25.00 1.30 0.00	25.73 1.34 0.00	27.40 1.43 0.00	29.15 1.52 0.00	30.84 1.86 0.00	38.36 2.27 0.00	41.31 2.74 0.00	41.64 2.91 0.00	39.04 2.62 0.00	33.80 2.39 0.00	31.15 2.09 0.00	26.77 1.68 0.00	24.57 1.48 0.00

JERICO_RISE_WT_PWR 323719	21.20 -1.38 0.00	19.57 -1.14 0.00	17.75 -1.01 0.00	16.58 -0.96 0.00	15.92 -0.94 0.00	16.86 -1.08 0.00	18.72 -1.22 0.00	19.89 -1.14 0.00	20.70 -1.16 0.00	21.11 -1.23 0.00	21.14 -1.37 0.00	22.06 -1.63 0.00	22.66 -1.73 0.00	24.31 -1.66 0.00	25.89 -1.74 0.00	27.16 -1.83 0.00	34.14 -1.95 0.00	36.56 -2.01 0.00	36.92 -1.82 0.00	35.15 -1.28 0.00	30.19 -1.23 0.00	27.83 -1.22 0.00	23.94 -1.15 0.00	22.03 -1.06 0.00
KATONAH__115KV_46KV_TB4 355592	24.23 1.65 0.00	22.06 1.35 0.00	19.95 1.18 0.00	18.58 1.04 0.00	17.79 0.93 0.00	18.92 0.99 0.00	21.13 1.20 0.00	22.54 1.51 0.00	23.66 1.79 0.00	24.19 1.85 0.00	24.36 1.85 0.00	25.64 1.94 0.00	26.42 2.02 0.00	28.13 2.16 0.00	30.01 2.38 0.00	31.45 2.46 0.00	39.37 3.14 -0.15	42.43 3.86 0.00	42.49 3.76 0.00	39.23 2.80 0.00	33.77 2.36 0.00	31.26 2.21 0.00	26.97 1.88 0.00	24.80 1.71 0.00
KCE_NY_1 323755	24.00 1.42 0.00	21.89 1.18 0.00	19.80 1.03 0.00	18.46 0.91 0.00	17.77 0.91 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.29 1.26 0.00	23.28 1.42 0.00	23.77 1.43 0.00	23.85 1.33 0.00	25.11 1.42 0.00	25.78 1.39 0.00	27.50 1.53 0.00	29.32 1.69 0.00	30.75 1.77 0.00	38.14 2.24 0.18	41.31 2.74 0.00	41.68 2.94 0.00	38.93 2.51 0.00	33.61 2.20 0.00	31.15 2.09 0.00	26.77 1.68 0.00	24.57 1.48 0.00
KCE_NY_6_ESR 323823	23.17 0.59 0.00	21.10 0.39 0.00	19.24 0.47 0.00	18.02 0.47 0.00	17.39 0.52 0.00	18.52 0.59 0.00	20.41 0.48 0.00	21.19 0.17 0.00	22.00 0.13 0.00	22.78 0.45 0.00	22.94 0.43 0.00	24.38 0.69 0.00	24.95 0.56 0.00	26.52 0.55 0.00	28.16 0.52 0.00	29.56 0.58 0.00	36.12 0.04 0.00	38.84 0.27 0.00	39.12 0.39 0.00	36.71 0.29 0.00	32.04 0.63 0.00	29.75 0.70 0.00	25.82 0.73 0.00	24.04 0.95 0.00
KEDC_PORT_JEFF_GT2 24210	32.32 2.80 -6.94	28.52 2.40 -5.41	25.45 2.10 -4.58	19.51 1.91 -0.05	19.29 1.81 -0.62	20.51 1.90 -0.68	22.02 2.09 0.00	26.71 2.50 -3.19	30.04 2.86 -5.31	30.29 2.90 -5.05	33.01 2.79 -7.70	34.22 3.01 -7.52	40.67 3.07 -13.21	49.48 3.09 -20.42	67.41 3.20 -36.58	95.59 3.27 -63.33	148.63 4.08 -108.47	157.03 4.70 -113.75	154.74 4.69 -111.32	147.72 3.68 -107.62	143.09 3.14 -108.53	78.91 3.05 -46.81	47.68 2.93 -19.65	34.28 2.84 -8.35
KEDC_PORT_JEFF_GT3 24211	32.32 2.80 -6.94	28.52 2.40 -5.41	25.45 2.10 -4.58	19.51 1.91 -0.05	19.29 1.81 -0.62	20.51 1.90 -0.68	22.02 2.09 0.00	26.71 2.50 -3.19	30.04 2.86 -5.31	30.29 2.90 -5.05	33.01 2.79 -7.70	34.22 3.01 -7.52	40.67 3.07 -13.21	49.48 3.09 -20.42	67.41 3.20 -36.58	95.59 3.27 -63.33	148.63 4.08 -108.47	157.03 4.70 -113.75	154.74 4.69 -111.32	147.72 3.68 -107.62	143.09 3.14 -108.53	78.91 3.05 -46.81	47.68 2.93 -19.65	34.28 2.84 -8.35
KEDC_GLWD_GT4 24219	31.60 2.08 -6.94	27.88 1.76 -5.41	24.87 1.52 -4.58	18.95 1.35 -0.05	18.73 1.25 -0.62	19.94 1.33 -0.68	21.49 1.56 0.00	26.11 1.89 -3.19	29.36 2.19 -5.31	29.65 2.26 -5.05	32.52 2.30 -7.70	33.60 2.39 -7.52	33.97 2.44 -7.13	35.98 2.55 -7.46	37.55 2.79 -7.12	38.87 2.84 -7.04	42.54 3.61 -2.85	43.88 4.32 -0.99	43.18 4.18 -0.26	42.35 3.09 -2.83	41.79 2.61 -7.77	37.58 2.50 -6.02	34.86 2.21 -7.56	33.38 2.01 -8.28
KEDC_GLWD_GT5 24220	31.60 2.08 -6.94	27.88 1.76 -5.41	24.87 1.52 -4.58	18.95 1.35 -0.05	18.73 1.25 -0.62	19.94 1.33 -0.68	21.49 1.56 0.00	26.11 1.89 -3.19	29.36 2.19 -5.31	29.65 2.26 -5.05	32.52 2.30 -7.70	33.60 2.39 -7.52	33.97 2.44 -7.13	35.98 2.55 -7.46	37.55 2.79 -7.12	38.87 2.84 -7.04	42.54 3.61 -2.85	43.88 4.32 -0.99	43.18 4.18 -0.26	42.35 3.09 -2.83	41.79 2.61 -7.77	37.58 2.50 -6.02	34.86 2.21 -7.56	33.38 2.01 -8.28
KENSICO____ 23655	24.25 1.67 0.00	22.10 1.39 0.00	19.95 1.18 0.00	18.58 1.04 0.00	17.81 0.94 0.00	18.96 1.02 0.00	21.17 1.24 0.00	22.54 1.51 0.00	23.66 1.79 0.00	24.17 1.83 0.00	24.39 1.87 0.00	25.68 1.99 0.00	26.44 2.05 0.00	28.13 2.16 0.00	30.01 2.38 0.00	31.39 2.41 0.00	39.33 3.10 -0.15	42.35 3.78 0.00	42.38 3.64 0.00	39.04 2.62 0.00	33.61 2.20 0.00	31.17 2.12 0.00	26.97 1.88 0.00	24.80 1.71 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.14 1.56 0.00	21.99 1.28 0.00	19.86 1.09 0.00	18.49 0.95 0.00	17.65 0.79 0.00	18.81 0.88 0.00	20.99 1.06 0.00	22.31 1.28 0.00	23.35 1.49 0.00	23.86 1.52 0.00	24.12 1.60 0.00	25.37 1.68 0.00	26.15 1.76 0.00	27.79 1.82 0.00	29.68 2.04 0.00	31.16 2.17 0.00	39.04 2.89 -0.07	42.12 3.55 0.00	42.18 3.45 0.00	38.97 2.55 0.00	33.61 2.20 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.66 1.57 0.00
KIAC_JFK_GT1 23816	24.46 1.87 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.05 1.11 0.00	21.31 1.38 0.00	22.77 1.75 0.00	23.96 2.10 0.00	24.55 2.21 0.00	24.63 2.12 0.00	25.94 2.25 0.00	26.71 2.32 0.00	28.34 2.36 0.00	30.23 2.60 0.00	31.62 2.64 0.00	39.62 3.39 -0.15	42.73 4.17 0.00	42.76 4.03 0.00	39.26 2.84 0.00	33.68 2.26 0.00	31.26 2.21 0.00	27.33 2.23 0.00	25.12 2.03 0.00
KIAC_JFK_GT2 23817	24.46 1.87 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.05 1.11 0.00	21.31 1.38 0.00	22.77 1.75 0.00	23.96 2.10 0.00	24.55 2.21 0.00	24.63 2.12 0.00	25.94 2.25 0.00	26.71 2.32 0.00	28.34 2.36 0.00	30.23 2.60 0.00	31.62 2.64 0.00	39.62 3.39 -0.15	42.73 4.17 0.00	42.76 4.03 0.00	39.26 2.84 0.00	33.68 2.26 0.00	31.26 2.21 0.00	27.33 2.23 0.00	25.12 2.03 0.00
KIAC_JFK____ 323774	24.45 1.87 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.05 1.11 0.00	21.31 1.37 0.00	22.77 1.74 0.00	23.96 2.10 0.00	24.55 2.21 0.00	24.63 2.12 0.00	25.94 2.25 0.00	26.76 2.37 0.00	28.31 2.34 0.00	30.26 2.63 0.00	31.59 2.61 0.00	39.62 3.39 -0.15	42.74 4.17 0.00	42.76 4.03 0.00	39.23 2.80 0.00	33.68 2.26 0.00	31.26 2.21 0.00	27.32 2.23 0.00	25.12 2.03 0.00
KINTIGH____ 23543	22.78 0.20 0.00	20.77 0.06 0.00	18.90 0.13 0.00	17.70 0.16 0.00	17.08 0.22 0.00	18.17 0.23 0.00	20.05 0.12 0.00	20.86 -0.17 0.00	21.60 -0.26 0.00	22.27 -0.07 0.00	22.43 -0.09 0.00	23.79 0.09 0.00	24.59 0.20 0.00	25.89 -0.08 0.00	27.58 -0.06 0.00	28.84 -0.14 0.00	35.40 -0.69 0.00	38.03 -0.54 0.00	38.23 -0.50 0.00	35.88 -0.55 0.00	31.26 -0.16 0.00	29.00 -0.06 0.00	25.22 0.13 0.00	23.50 0.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.34 -1.24 0.00	19.67 -1.04 0.00	17.87 -0.90 0.00	16.67 -0.88 0.00	16.00 -0.86 0.00	16.97 -0.97 0.00	18.84 -1.10 0.00	20.06 -0.97 0.00	20.88 -0.98 0.00	21.27 -1.07 0.00	21.30 -1.22 0.00	22.20 -1.49 0.00	22.81 -1.59 0.00	24.49 -1.48 0.00	26.09 -1.55 0.00	27.33 -1.65 0.00	34.42 -1.66 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.50 -0.91 0.00	28.12 -0.93 0.00	24.19 -0.90 0.00	22.21 -0.88 0.00

LACHUTE____HYDRO 323717	25.02 2.44 0.00	22.72 2.01 0.00	20.55 1.78 0.00	19.07 1.53 0.00	18.47 1.60 0.00	19.67 1.74 0.00	22.07 2.13 0.00	23.28 2.25 0.00	24.31 2.45 0.00	24.79 2.46 0.00	24.79 2.27 0.00	26.23 2.54 0.00	26.63 2.24 0.00	28.41 2.44 0.00	30.42 2.79 0.00	31.85 2.87 0.00	39.55 3.64 0.17	43.08 4.51 0.00	43.81 5.07 0.00	41.19 4.77 0.00	35.75 4.34 0.00	33.18 4.12 0.00	28.20 3.11 0.00	25.74 2.65 0.00
LAWRNCV_115KV_TB1 80681	21.57 -1.02 0.00	19.92 -0.79 0.00	18.22 -0.54 0.00	17.04 -0.51 0.00	16.37 -0.49 0.00	17.22 -0.72 0.00	18.80 -1.14 0.00	19.85 -1.18 0.00	20.60 -1.27 0.00	21.04 -1.30 0.00	21.26 -1.26 0.00	22.25 -1.45 0.00	22.88 -1.51 0.00	24.36 -1.61 0.00	25.92 -1.71 0.00	27.22 -1.77 0.00	34.03 -2.06 0.00	36.18 -2.39 0.00	36.37 -2.36 0.00	34.71 -1.71 0.00	29.88 -1.54 0.00	27.60 -1.45 0.00	23.94 -1.15 0.00	22.19 -0.90 0.00
LEDERLE____ 23769	24.21 1.63 0.00	22.06 1.35 0.00	19.91 1.14 0.00	18.56 1.02 0.00	17.77 0.91 0.00	18.92 0.99 0.00	21.13 1.20 0.00	22.50 1.47 0.00	23.61 1.75 0.00	24.10 1.76 0.00	24.34 1.82 0.00	25.61 1.92 0.00	26.37 1.98 0.00	28.05 2.08 0.00	29.90 2.27 0.00	31.33 2.35 0.00	39.21 3.00 -0.13	42.23 3.66 0.00	42.26 3.52 0.00	38.93 2.51 0.00	33.58 2.17 0.00	31.09 2.03 0.00	26.87 1.78 0.00	24.71 1.62 0.00
LIGHTHSE_115KV_TB6 355974	22.49 -0.09 0.00	20.59 -0.12 0.00	18.67 -0.09 0.00	17.51 -0.04 0.00	16.83 -0.03 0.00	17.92 -0.02 0.00	19.89 -0.04 0.00	20.96 -0.06 0.00	21.69 -0.17 0.00	22.14 -0.20 0.00	22.36 -0.16 0.00	23.57 -0.12 0.00	24.32 -0.07 0.00	25.79 -0.18 0.00	27.44 -0.19 0.00	28.81 -0.17 0.00	35.83 -0.25 0.00	38.57 0.00 0.00	38.85 0.12 0.00	36.53 0.11 0.00	31.51 0.09 0.00	29.14 0.09 0.00	25.12 0.03 0.00	23.09 0.00 0.00
LINDEN COGEN____ 23786	24.25 1.67 0.00	22.08 1.37 0.00	19.91 1.14 0.00	18.54 1.00 0.00	17.77 0.91 0.00	18.90 0.97 0.00	21.13 1.20 0.00	22.54 1.51 0.00	23.70 1.84 0.00	24.26 1.92 0.00	24.52 2.00 0.00	25.83 2.13 0.00	26.63 2.24 0.00	28.28 2.31 0.00	30.17 2.54 0.00	31.48 2.49 0.00	39.41 3.18 -0.15	42.50 3.94 0.00	42.49 3.76 0.00	39.01 2.59 0.00	33.55 2.14 0.00	31.20 2.15 0.00	27.05 1.96 0.00	24.89 1.80 0.00
LINDHRST_69_KV_BK1 356055	32.17 2.64 -6.94	28.40 2.28 -5.41	25.34 1.99 -4.58	19.41 1.81 -0.05	19.19 1.70 -0.62	20.41 1.79 -0.68	21.95 2.01 0.00	26.63 2.42 -3.19	29.91 2.73 -5.31	30.20 2.81 -5.05	32.97 2.75 -7.70	34.15 2.94 -7.52	35.07 3.05 -7.63	38.05 3.22 -8.86	44.85 3.43 -13.79	43.64 3.48 -11.18	51.03 4.33 -10.62	52.98 5.13 -9.28	52.24 5.07 -8.43	50.93 3.97 -10.54	49.96 3.36 -15.18	41.36 3.28 -9.02	38.37 2.99 -10.29	34.12 2.75 -8.29
LIPA_MISC_IPP 23656	32.41 2.89 -6.94	28.61 2.49 -5.41	25.53 2.18 -4.58	19.60 2.00 -0.05	19.38 1.89 -0.62	20.60 1.99 -0.68	22.10 2.17 0.00	26.80 2.59 -3.19	30.10 2.93 -5.31	30.36 2.97 -5.05	33.08 2.86 -7.70	34.29 3.08 -7.52	39.81 3.15 -12.27	47.94 3.32 -18.64	65.28 3.59 -34.05	87.42 3.65 -54.79	133.10 4.58 -92.44	140.57 5.36 -96.64	138.54 5.35 -94.46	132.40 4.26 -91.72	128.26 3.61 -93.24	73.15 3.49 -40.61	46.82 3.11 -18.61	34.34 2.91 -8.34
LISF____SOLAR 323691	32.46 2.93 -6.94	28.65 2.53 -5.41	25.56 2.21 -4.58	19.62 2.02 -0.05	19.39 1.90 -0.62	20.62 2.01 -0.68	22.14 2.21 0.00	26.82 2.61 -3.19	30.15 2.97 -5.31	30.38 2.99 -5.05	33.12 2.91 -7.70	34.34 3.13 -7.52	39.95 3.22 -12.34	48.10 3.35 -18.77	65.59 3.59 -34.36	88.02 3.68 -55.36	134.24 4.66 -93.50	141.81 5.47 -97.77	139.74 5.42 -95.58	133.53 4.33 -92.77	129.37 3.71 -94.25	73.62 3.54 -41.03	47.02 3.19 -18.74	34.43 3.00 -8.34
LITTLE FALLS____HYD 24013	22.42 -0.16 0.00	20.57 -0.14 0.00	18.62 -0.15 0.00	17.42 -0.12 0.00	16.74 -0.12 0.00	17.86 -0.07 0.00	19.87 -0.06 0.00	21.01 -0.02 0.00	21.84 -0.02 0.00	22.29 -0.04 0.00	22.63 0.11 0.00	23.69 0.00 0.00	24.39 0.00 0.00	25.87 -0.10 0.00	27.52 -0.11 0.00	28.93 -0.06 0.00	36.08 0.00 0.00	38.65 0.08 0.00	38.93 0.19 0.00	36.60 0.18 0.00	31.60 0.19 0.00	29.34 0.29 0.00	25.37 0.28 0.00	23.37 0.28 0.00
LITTLRIV_115KV_TB1 356100	21.72 -0.86 0.00	20.07 -0.64 0.00	18.35 -0.41 0.00	17.16 -0.39 0.00	16.47 -0.39 0.00	17.36 -0.57 0.00	18.98 -0.96 0.00	20.00 -1.03 0.00	20.77 -1.09 0.00	21.20 -1.14 0.00	21.46 -1.06 0.00	22.46 -1.23 0.00	23.07 -1.32 0.00	24.57 -1.40 0.00	26.14 -1.49 0.00	27.45 -1.54 0.00	34.32 -1.77 0.00	36.49 -2.08 0.00	36.68 -2.05 0.00	35.07 -1.35 0.00	30.19 -1.23 0.00	27.89 -1.16 0.00	24.16 -0.93 0.00	22.37 -0.72 0.00
LI_NEWBRDGE____DRP 323616	31.60 2.08 -6.94	27.88 1.76 -5.41	24.87 1.52 -4.58	18.97 1.37 -0.05	18.77 1.28 -0.62	19.98 1.36 -0.68	21.47 1.53 0.00	26.13 1.91 -3.19	29.36 2.19 -5.31	29.62 2.23 -5.05	32.40 2.18 -7.70	33.53 2.32 -7.52	33.85 2.39 -7.06	35.96 2.52 -7.46	37.46 2.71 -7.12	38.81 2.78 -7.04	42.47 3.54 -2.85	43.77 4.20 -0.99	43.14 4.14 -0.26	42.35 3.10 -2.83	41.79 2.61 -7.77	37.58 2.50 -6.02	34.96 2.31 -7.56	33.49 2.12 -8.28
LOCKPORT_115KV_TB60_63_64 80432	22.94 0.36 0.00	20.90 0.19 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.23 0.37 0.00	18.33 0.39 0.00	20.13 0.20 0.00	20.88 -0.15 0.00	21.62 -0.24 0.00	22.38 0.04 0.00	22.54 0.02 0.00	23.93 0.24 0.00	24.78 0.39 0.00	26.02 0.05 0.00	27.69 0.06 0.00	28.98 0.00 0.00	35.47 -0.61 0.00	38.14 -0.42 0.00	38.39 -0.35 0.00	36.06 -0.36 0.00	31.45 0.03 0.00	29.20 0.15 0.00	25.39 0.30 0.00	23.69 0.60 0.00
LOCKPORT____CC1 323769	22.94 0.36 0.00	20.90 0.19 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.20 0.34 0.00	18.33 0.39 0.00	20.13 0.20 0.00	20.88 -0.15 0.00	21.62 -0.24 0.00	22.38 0.04 0.00	22.52 0.00 0.00	23.93 0.24 0.00	24.49 0.10 0.00	26.02 0.05 0.00	27.63 0.00 0.00	28.98 0.00 0.00	35.44 -0.65 0.00	38.11 -0.46 0.00	38.35 -0.39 0.00	36.06 -0.36 0.00	31.45 0.03 0.00	29.20 0.15 0.00	25.39 0.30 0.00	23.69 0.60 0.00
LOCKPORT____CC2 323770	22.94 0.36 0.00	20.90 0.19 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.20 0.34 0.00	18.33 0.39 0.00	20.13 0.20 0.00	20.88 -0.15 0.00	21.62 -0.24 0.00	22.38 0.04 0.00	22.52 0.00 0.00	23.93 0.24 0.00	24.49 0.10 0.00	26.02 0.05 0.00	27.63 0.00 0.00	28.98 0.00 0.00	35.44 -0.65 0.00	38.11 -0.46 0.00	38.35 -0.39 0.00	36.06 -0.36 0.00	31.45 0.03 0.00	29.20 0.15 0.00	25.39 0.30 0.00	23.69 0.60 0.00
LOCKPORT____CC3 323771	22.94 0.36 0.00	20.90 0.19 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.20 0.34 0.00	18.33 0.39 0.00	20.13 0.20 0.00	20.88 -0.15 0.00	21.62 -0.24 0.00	22.38 0.04 0.00	22.52 0.00 0.00	23.93 0.24 0.00	24.49 0.10 0.00	26.02 0.05 0.00	27.63 0.00 0.00	28.98 0.00 0.00	35.44 -0.65 0.00	38.11 -0.46 0.00	38.35 -0.39 0.00	36.06 -0.36 0.00	31.45 0.03 0.00	29.20 0.15 0.00	25.39 0.30 0.00	23.69 0.60 0.00

LONG_LAKE_PHOENIX 24014	22.49 -0.09 0.00	20.57 -0.14 0.00	18.64 -0.13 0.00	17.46 -0.09 0.00	16.81 -0.05 0.00	17.88 -0.05 0.00	19.87 -0.06 0.00	20.96 -0.06 0.00	21.69 -0.17 0.00	22.16 -0.18 0.00	22.40 -0.11 0.00	23.62 -0.07 0.00	24.37 -0.02 0.00	25.87 -0.10 0.00	27.52 -0.11 0.00	28.84 -0.14 0.00	35.83 -0.25 0.00	38.49 -0.08 0.00	38.66 -0.08 0.00	36.24 -0.18 0.00	31.29 -0.13 0.00	28.94 -0.12 0.00	24.99 -0.10 0.00	23.00 -0.09 0.00
LOVETT___3 23632	24.12 1.54 0.00	21.97 1.26 0.00	19.84 1.07 0.00	18.49 0.95 0.00	17.72 0.86 0.00	18.85 0.91 0.00	21.05 1.12 0.00	22.42 1.39 0.00	23.50 1.64 0.00	24.01 1.68 0.00	24.21 1.69 0.00	25.47 1.78 0.00	26.22 1.83 0.00	27.89 1.92 0.00	29.73 2.10 0.00	31.13 2.14 0.00	39.00 2.78 -0.13	41.96 3.39 0.00	41.99 3.25 0.00	38.72 2.29 0.00	33.36 1.95 0.00	30.91 1.86 0.00	26.72 1.63 0.00	24.59 1.50 0.00
LOVETT___4 23642	24.12 1.54 0.00	21.97 1.26 0.00	19.84 1.07 0.00	18.49 0.95 0.00	17.72 0.86 0.00	18.85 0.91 0.00	21.05 1.12 0.00	22.42 1.39 0.00	23.50 1.64 0.00	24.01 1.68 0.00	24.21 1.69 0.00	25.47 1.78 0.00	26.22 1.83 0.00	27.89 1.92 0.00	29.73 2.10 0.00	31.13 2.14 0.00	39.00 2.78 -0.13	41.96 3.39 0.00	41.99 3.25 0.00	38.72 2.29 0.00	33.36 1.95 0.00	30.91 1.86 0.00	26.72 1.63 0.00	24.59 1.50 0.00
LOVETT___5 23593	24.12 1.54 0.00	21.97 1.26 0.00	19.84 1.07 0.00	18.49 0.95 0.00	17.72 0.86 0.00	18.85 0.91 0.00	21.05 1.12 0.00	22.42 1.39 0.00	23.50 1.64 0.00	24.01 1.68 0.00	24.21 1.69 0.00	25.47 1.78 0.00	26.22 1.83 0.00	27.89 1.92 0.00	29.73 2.10 0.00	31.13 2.14 0.00	39.00 2.78 -0.13	41.96 3.39 0.00	41.99 3.25 0.00	38.72 2.29 0.00	33.36 1.95 0.00	30.91 1.86 0.00	26.72 1.63 0.00	24.59 1.50 0.00
LOWER RAQUET___HYD 24057	21.48 -1.11 0.00	19.84 -0.87 0.00	18.13 -0.64 0.00	16.97 -0.58 0.00	16.29 -0.57 0.00	17.11 -0.82 0.00	18.66 -1.28 0.00	19.70 -1.32 0.00	20.44 -1.42 0.00	20.89 -1.45 0.00	21.08 -1.44 0.00	22.08 -1.61 0.00	22.71 -1.68 0.00	24.18 -1.79 0.00	25.73 -1.91 0.00	27.01 -1.97 0.00	33.77 -2.31 0.00	35.94 -2.62 0.00	36.14 -2.59 0.00	34.49 -1.93 0.00	29.69 -1.73 0.00	27.43 -1.63 0.00	23.81 -1.28 0.00	22.12 -0.97 0.00
LOWER___HUDSON 24059	23.71 1.13 0.00	21.64 0.93 0.00	19.57 0.81 0.00	18.26 0.72 0.00	17.57 0.71 0.00	18.70 0.77 0.00	20.83 0.90 0.00	22.02 0.99 0.00	23.00 1.14 0.00	23.48 1.14 0.00	23.64 1.13 0.00	24.88 1.18 0.00	25.56 1.17 0.00	27.24 1.27 0.00	29.01 1.38 0.00	30.40 1.42 0.00	37.63 1.77 0.22	40.80 2.24 0.00	41.06 2.32 0.00	38.24 1.82 0.00	33.02 1.60 0.00	30.53 1.48 0.00	26.32 1.23 0.00	24.20 1.11 0.00
LOWVILLE_115KV_TB2 356335	22.40 -0.18 0.00	20.57 -0.14 0.00	18.67 -0.09 0.00	17.60 0.05 0.00	16.91 0.05 0.00	17.97 0.04 0.00	19.87 -0.06 0.00	20.96 -0.06 0.00	21.73 -0.13 0.00	22.14 -0.20 0.00	22.45 -0.07 0.00	23.57 -0.12 0.00	24.27 -0.12 0.00	25.58 -0.39 0.00	27.19 -0.44 0.00	28.64 -0.35 0.00	35.80 -0.29 0.00	38.80 0.23 0.00	39.12 0.39 0.00	36.97 0.55 0.00	31.86 0.44 0.00	29.40 0.35 0.00	25.29 0.20 0.00	23.25 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.00 1.42 0.00	21.89 1.18 0.00	19.78 1.01 0.00	18.44 0.89 0.00	17.76 0.89 0.00	18.90 0.97 0.00	21.09 1.16 0.00	22.29 1.26 0.00	23.26 1.40 0.00	23.75 1.41 0.00	23.82 1.31 0.00	25.11 1.42 0.00	25.73 1.34 0.00	27.50 1.53 0.00	29.29 1.66 0.00	30.72 1.74 0.00	38.11 2.20 0.18	41.27 2.70 0.00	41.64 2.91 0.00	38.90 2.48 0.00	33.58 2.17 0.00	31.12 2.06 0.00	26.75 1.66 0.00	24.54 1.45 0.00
LUTHERNY_35_KV_BK2 355980	24.00 1.42 0.00	21.89 1.18 0.00	19.80 1.03 0.00	18.46 0.91 0.00	17.77 0.91 0.00	18.92 0.99 0.00	21.11 1.18 0.00	22.29 1.26 0.00	23.29 1.42 0.00	23.77 1.43 0.00	23.85 1.33 0.00	25.11 1.42 0.00	25.76 1.37 0.00	27.50 1.53 0.00	29.32 1.69 0.00	30.72 1.74 0.00	38.14 2.24 0.18	41.31 2.74 0.00	41.68 2.94 0.00	38.93 2.51 0.00	33.61 2.20 0.00	31.15 2.09 0.00	26.77 1.68 0.00	24.57 1.48 0.00
LWR___OSWEGATCHIE_HYD 23850	21.81 -0.77 0.00	20.09 -0.62 0.00	18.30 -0.47 0.00	17.18 -0.37 0.00	16.49 -0.37 0.00	17.43 -0.50 0.00	19.14 -0.80 0.00	20.19 -0.84 0.00	20.92 -0.94 0.00	21.35 -0.98 0.00	21.57 -0.95 0.00	22.63 -1.07 0.00	23.29 -1.10 0.00	24.70 -1.27 0.00	26.28 -1.35 0.00	27.62 -1.36 0.00	34.57 -1.52 0.00	37.10 -1.47 0.00	37.38 -1.36 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.54 -0.55 0.00
LYONS_FALL_HYD 23570	22.60 0.02 0.00	20.75 0.04 0.00	18.82 0.06 0.00	17.68 0.14 0.00	17.00 0.13 0.00	18.08 0.14 0.00	20.03 0.10 0.00	21.15 0.13 0.00	21.95 0.09 0.00	22.38 0.04 0.00	22.70 0.18 0.00	23.84 0.14 0.00	24.51 0.12 0.00	25.95 -0.03 0.00	27.58 -0.06 0.00	29.07 0.09 0.00	36.27 0.18 0.00	39.15 0.58 0.00	39.43 0.70 0.00	37.19 0.77 0.00	32.04 0.63 0.00	29.55 0.49 0.00	25.44 0.35 0.00	23.39 0.30 0.00
MADISON___COUNTY_LFGE 323628	23.08 0.50 0.00	21.15 0.43 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.23 0.37 0.00	18.36 0.43 0.00	20.41 0.48 0.00	21.57 0.55 0.00	22.39 0.52 0.00	22.85 0.51 0.00	23.17 0.65 0.00	24.36 0.66 0.00	25.10 0.71 0.00	26.65 0.68 0.00	28.35 0.72 0.00	29.88 0.90 0.00	37.20 1.12 0.00	40.00 1.43 0.00	40.25 1.51 0.00	37.81 1.38 0.00	32.61 1.19 0.00	30.04 0.99 0.00	25.87 0.78 0.00	23.76 0.67 0.00
MALONE___115KV_TB1 356076	21.38 -1.20 0.00	19.74 -0.97 0.00	17.94 -0.83 0.00	16.75 -0.79 0.00	16.09 -0.78 0.00	17.02 -0.91 0.00	18.82 -1.12 0.00	19.98 -1.05 0.00	20.79 -1.07 0.00	21.22 -1.12 0.00	21.30 -1.22 0.00	22.22 -1.47 0.00	22.83 -1.56 0.00	24.44 -1.53 0.00	26.03 -1.60 0.00	27.30 -1.68 0.00	34.28 -1.80 0.00	36.68 -1.89 0.00	36.99 -1.74 0.00	35.22 -1.20 0.00	30.28 -1.13 0.00	27.95 -1.10 0.00	24.06 -1.03 0.00	22.19 -0.90 0.00
MAPLEWOD_115KV_TB3 80458	23.60 1.02 0.00	21.54 0.83 0.00	19.46 0.69 0.00	18.19 0.65 0.00	17.50 0.64 0.00	18.61 0.68 0.00	20.75 0.82 0.00	21.93 0.90 0.00	22.89 1.03 0.00	23.37 1.03 0.00	23.53 1.01 0.00	24.78 1.09 0.00	25.49 1.10 0.00	27.19 1.22 0.00	28.96 1.33 0.00	30.35 1.36 0.00	37.64 1.73 0.18	40.73 2.16 0.00	40.94 2.21 0.00	38.17 1.75 0.00	32.92 1.51 0.00	30.45 1.39 0.00	26.25 1.15 0.00	24.11 1.02 0.00
MAPLE RIDGE_WT_1 323574	21.90 -0.68 0.00	20.07 -0.64 0.00	18.19 -0.58 0.00	17.02 -0.53 0.00	16.39 -0.47 0.00	17.49 -0.45 0.00	19.47 -0.46 0.00	20.58 -0.44 0.00	21.45 -0.42 0.00	21.94 -0.40 0.00	22.09 -0.43 0.00	23.19 -0.50 0.00	23.83 -0.56 0.00	25.30 -0.68 0.00	26.83 -0.80 0.00	28.09 -0.90 0.00	35.04 -1.05 0.00	37.68 -0.89 0.00	38.00 -0.74 0.00	35.62 -0.80 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.36 -0.73 0.00	22.44 -0.65 0.00

MAPLE RIDGE_WT_2 323611	21.90 -0.68 0.00	20.07 -0.64 0.00	18.19 -0.58 0.00	17.02 -0.53 0.00	16.39 -0.47 0.00	17.49 -0.45 0.00	19.47 -0.46 0.00	20.58 -0.44 0.00	21.45 -0.42 0.00	21.94 -0.40 0.00	22.09 -0.43 0.00	23.19 -0.50 0.00	23.83 -0.56 0.00	25.30 -0.68 0.00	26.83 -0.80 0.00	28.09 -0.90 0.00	35.04 -1.05 0.00	37.68 -0.89 0.00	38.00 -0.74 0.00	35.62 -0.80 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.36 -0.73 0.00	22.44 -0.65 0.00
MARBLE RIVER_WT_PWR 323696	21.20 -1.38 0.00	19.57 -1.14 0.00	17.77 -1.00 0.00	16.58 -0.96 0.00	15.92 -0.94 0.00	16.88 -1.06 0.00	18.72 -1.22 0.00	19.89 -1.14 0.00	20.73 -1.14 0.00	21.11 -1.23 0.00	21.14 -1.37 0.00	22.06 -1.63 0.00	22.68 -1.71 0.00	24.31 -1.66 0.00	25.89 -1.74 0.00	27.16 -1.83 0.00	34.21 -1.88 0.00	36.64 -1.93 0.00	36.99 -1.74 0.00	35.22 -1.20 0.00	30.25 -1.16 0.00	27.89 -1.16 0.00	23.99 -1.10 0.00	22.07 -1.02 0.00
MARSHVLE_115KV_TB1 80742	24.16 1.58 0.00	22.08 1.37 0.00	19.97 1.20 0.00	18.61 1.07 0.00	17.96 1.10 0.00	19.12 1.18 0.00	21.39 1.46 0.00	22.81 1.79 0.00	23.70 1.84 0.00	24.06 1.72 0.00	24.16 1.64 0.00	25.45 1.75 0.00	26.00 1.61 0.00	27.71 1.74 0.00	29.60 1.96 0.00	31.22 2.23 0.00	38.50 2.53 0.11	41.73 3.16 0.00	42.14 3.41 0.00	39.52 3.10 0.00	34.18 2.76 0.00	31.73 2.67 0.00	27.12 2.03 0.00	24.82 1.73 0.00
MARSH_HILL_WT_PWR 323713	23.26 0.68 0.00	21.21 0.50 0.00	19.29 0.52 0.00	18.11 0.56 0.00	17.47 0.61 0.00	18.63 0.70 0.00	20.69 0.76 0.00	21.60 0.57 0.00	22.45 0.59 0.00	23.07 0.74 0.00	23.28 0.77 0.00	24.69 0.99 0.00	25.37 0.98 0.00	26.96 0.99 0.00	28.54 0.91 0.00	30.00 1.01 0.00	36.88 0.79 0.00	39.72 1.16 0.00	40.13 1.39 0.00	37.66 1.24 0.00	32.83 1.41 0.00	30.39 1.34 0.00	26.30 1.20 0.00	24.31 1.22 0.00
MCINTYRE_115KV_TB2 80467	21.95 -0.63 0.00	20.28 -0.43 0.00	18.52 -0.24 0.00	17.32 -0.23 0.00	16.63 -0.24 0.00	17.56 -0.38 0.00	19.23 -0.70 0.00	20.27 -0.76 0.00	21.03 -0.83 0.00	21.47 -0.87 0.00	21.71 -0.81 0.00	22.72 -0.97 0.00	23.34 -1.05 0.00	24.88 -1.09 0.00	26.50 -1.13 0.00	27.83 -1.16 0.00	34.75 -1.34 0.00	36.91 -1.66 0.00	37.11 -1.63 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.27 -0.78 0.00	24.44 -0.65 0.00	22.58 -0.51 0.00
MECO____69_KV_BK1 80468	24.66 2.08 0.00	22.49 1.78 0.00	20.34 1.58 0.00	18.91 1.37 0.00	18.28 1.42 0.00	19.48 1.54 0.00	21.85 1.91 0.00	23.30 2.27 0.00	24.20 2.34 0.00	24.50 2.17 0.00	24.90 2.39 0.00	26.23 2.54 0.00	26.88 2.49 0.00	28.28 2.31 0.00	30.23 2.60 0.00	31.85 2.87 0.00	39.32 3.36 0.12	42.81 4.24 0.00	43.35 4.61 0.00	40.65 4.22 0.00	35.12 3.71 0.00	32.48 3.43 0.00	27.70 2.61 0.00	25.28 2.19 0.00
MENANDS__115KV_TB5 355628	23.48 0.90 0.00	21.44 0.72 0.00	19.37 0.60 0.00	18.11 0.56 0.00	17.42 0.56 0.00	18.53 0.59 0.00	20.63 0.70 0.00	21.81 0.78 0.00	22.78 0.92 0.00	23.25 0.92 0.00	23.42 0.90 0.00	24.64 0.95 0.00	25.34 0.95 0.00	27.04 1.06 0.00	28.79 1.16 0.00	30.17 1.19 0.00	37.42 1.52 0.18	40.50 1.93 0.00	40.67 1.94 0.00	37.88 1.46 0.00	32.67 1.26 0.00	30.22 1.16 0.00	26.07 0.98 0.00	23.94 0.85 0.00
MG INDUSTRY___DRP 24185	23.51 0.93 0.00	21.46 0.75 0.00	19.42 0.66 0.00	18.14 0.60 0.00	17.45 0.59 0.00	18.56 0.63 0.00	20.67 0.74 0.00	21.83 0.80 0.00	22.78 0.92 0.00	23.23 0.89 0.00	23.40 0.88 0.00	24.62 0.92 0.00	25.32 0.93 0.00	27.01 1.04 0.00	28.74 1.11 0.00	30.11 1.13 0.00	37.42 1.44 0.11	40.42 1.85 0.00	40.63 1.90 0.00	37.91 1.49 0.00	32.73 1.32 0.00	30.27 1.22 0.00	26.10 1.00 0.00	23.99 0.90 0.00
MID___OSWEGATCHIE_HYD 23849	21.81 -0.77 0.00	20.09 -0.62 0.00	18.30 -0.47 0.00	17.18 -0.37 0.00	16.49 -0.37 0.00	17.43 -0.50 0.00	19.14 -0.80 0.00	20.19 -0.84 0.00	20.92 -0.94 0.00	21.35 -0.98 0.00	21.57 -0.95 0.00	22.63 -1.07 0.00	23.29 -1.10 0.00	24.70 -1.27 0.00	26.28 -1.35 0.00	27.62 -1.36 0.00	34.57 -1.52 0.00	37.10 -1.47 0.00	37.38 -1.36 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.54 -0.55 0.00
MID___RAQUETTE_HYD 23851	21.47 -1.11 0.00	19.84 -0.87 0.00	18.13 -0.64 0.00	16.97 -0.58 0.00	16.29 -0.57 0.00	17.11 -0.82 0.00	18.66 -1.28 0.00	19.70 -1.32 0.00	20.44 -1.42 0.00	20.89 -1.45 0.00	21.08 -1.44 0.00	22.08 -1.61 0.00	22.68 -1.71 0.00	24.18 -1.79 0.00	25.73 -1.91 0.00	27.01 -1.97 0.00	33.77 -2.31 0.00	35.95 -2.62 0.00	36.14 -2.60 0.00	34.49 -1.93 0.00	29.69 -1.73 0.00	27.43 -1.63 0.00	23.81 -1.28 0.00	22.10 -0.99 0.00
MILLIKEN___1 23584	23.24 0.65 0.00	21.23 0.52 0.00	19.24 0.47 0.00	18.04 0.49 0.00	17.35 0.49 0.00	18.49 0.56 0.00	20.57 0.64 0.00	21.70 0.67 0.00	22.56 0.70 0.00	23.01 0.67 0.00	23.26 0.74 0.00	24.52 0.83 0.00	25.32 0.93 0.00	26.88 0.91 0.00	28.63 0.99 0.00	30.11 1.13 0.00	37.42 1.34 0.00	40.07 1.50 0.00	40.36 1.63 0.00	37.84 1.42 0.00	32.70 1.29 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.92 0.83 0.00
MILLIKEN___2 23585	23.24 0.65 0.00	21.23 0.52 0.00	19.24 0.47 0.00	18.04 0.49 0.00	17.35 0.49 0.00	18.49 0.56 0.00	20.57 0.64 0.00	21.70 0.67 0.00	22.56 0.70 0.00	23.01 0.67 0.00	23.26 0.74 0.00	24.52 0.83 0.00	25.32 0.93 0.00	26.88 0.91 0.00	28.63 0.99 0.00	30.11 1.13 0.00	37.42 1.34 0.00	40.07 1.50 0.00	40.36 1.63 0.00	37.84 1.42 0.00	32.70 1.29 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.92 0.83 0.00
MILLIKEN___DIESEL 23629	23.24 0.65 0.00	21.23 0.52 0.00	19.24 0.47 0.00	18.04 0.49 0.00	17.35 0.49 0.00	18.49 0.56 0.00	20.57 0.64 0.00	21.70 0.67 0.00	22.56 0.70 0.00	23.01 0.67 0.00	23.26 0.74 0.00	24.52 0.83 0.00	25.32 0.93 0.00	26.88 0.91 0.00	28.63 0.99 0.00	30.11 1.13 0.00	37.42 1.34 0.00	40.07 1.50 0.00	40.36 1.63 0.00	37.84 1.42 0.00	32.70 1.29 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.92 0.83 0.00
MILLSEAT___LFGE 323607	23.28 0.70 0.00	21.21 0.50 0.00	19.27 0.51 0.00	18.07 0.53 0.00	17.42 0.56 0.00	18.56 0.63 0.00	20.43 0.50 0.00	21.26 0.23 0.00	22.02 0.15 0.00	22.74 0.40 0.00	22.94 0.43 0.00	24.38 0.69 0.00	24.95 0.56 0.00	26.54 0.57 0.00	28.19 0.55 0.00	29.56 0.58 0.00	36.23 0.14 0.00	38.95 0.39 0.00	39.28 0.54 0.00	36.93 0.51 0.00	32.11 0.69 0.00	29.78 0.73 0.00	25.82 0.73 0.00	24.04 0.95 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.18 1.60 0.00	22.04 1.33 0.00	19.89 1.13 0.00	18.54 1.00 0.00	17.77 0.91 0.00	18.90 0.97 0.00	21.11 1.18 0.00	22.48 1.45 0.00	23.59 1.73 0.00	24.10 1.76 0.00	24.32 1.80 0.00	25.59 1.90 0.00	26.34 1.95 0.00	28.05 2.08 0.00	29.90 2.27 0.00	31.30 2.32 0.00	39.19 2.96 -0.14	42.19 3.63 0.00	42.22 3.49 0.00	38.93 2.51 0.00	33.52 2.10 0.00	31.09 2.03 0.00	26.87 1.78 0.00	24.73 1.64 0.00

MILLWOOD_13_KV_LOAD 356217	24.23 1.65 0.00	22.06 1.35 0.00	19.93 1.16 0.00	18.56 1.02 0.00	17.79 0.93 0.00	18.92 0.99 0.00	21.13 1.20 0.00	22.52 1.49 0.00	23.63 1.77 0.00	24.15 1.81 0.00	24.36 1.85 0.00	25.64 1.94 0.00	26.39 2.00 0.00	28.10 2.13 0.00	29.95 2.32 0.00	31.39 2.41 0.00	39.30 3.07 -0.14	42.31 3.74 0.00	42.38 3.64 0.00	39.08 2.66 0.00	33.65 2.23 0.00	31.17 2.12 0.00	26.92 1.83 0.00	24.77 1.69 0.00
MODEL_CITY_ENERGY 24167	22.72 0.14 0.00	20.69 -0.02 0.00	18.84 0.08 0.00	17.68 0.14 0.00	17.05 0.19 0.00	18.17 0.23 0.00	19.91 -0.02 0.00	20.63 -0.40 0.00	21.36 -0.50 0.00	22.09 -0.25 0.00	22.25 -0.27 0.00	23.62 -0.07 0.00	24.17 -0.22 0.00	25.69 -0.29 0.00	27.27 -0.36 0.00	28.61 -0.38 0.00	35.00 -1.08 0.00	37.61 -0.96 0.00	37.88 -0.85 0.00	35.59 -0.84 0.00	31.04 -0.38 0.00	28.82 -0.23 0.00	25.07 -0.03 0.00	23.41 0.32 0.00
MODERN_LFGE_ 323580	22.72 0.14 0.00	20.69 -0.02 0.00	18.84 0.08 0.00	17.68 0.14 0.00	17.05 0.19 0.00	18.17 0.23 0.00	19.91 -0.02 0.00	20.63 -0.40 0.00	21.36 -0.50 0.00	22.09 -0.25 0.00	22.25 -0.27 0.00	23.62 -0.07 0.00	24.17 -0.22 0.00	25.69 -0.29 0.00	27.27 -0.36 0.00	28.61 -0.38 0.00	35.00 -1.08 0.00	37.61 -0.96 0.00	37.88 -0.85 0.00	35.59 -0.84 0.00	31.04 -0.38 0.00	28.82 -0.23 0.00	25.07 -0.03 0.00	23.41 0.32 0.00
MOHAWK_PAPER___DRP 24187	23.60 1.02 0.00	21.54 0.83 0.00	19.46 0.69 0.00	18.19 0.65 0.00	17.50 0.64 0.00	18.61 0.68 0.00	20.75 0.82 0.00	21.93 0.90 0.00	22.89 1.03 0.00	23.37 1.03 0.00	23.53 1.01 0.00	24.78 1.09 0.00	25.49 1.10 0.00	27.19 1.22 0.00	28.96 1.33 0.00	30.35 1.36 0.00	37.64 1.73 0.18	40.73 2.16 0.00	40.94 2.21 0.00	38.17 1.75 0.00	32.92 1.51 0.00	30.45 1.39 0.00	26.25 1.15 0.00	24.11 1.02 0.00
MOHICAN__35_KV_115KV_LD 80490	24.03 1.45 0.00	21.87 1.16 0.00	19.78 1.01 0.00	18.42 0.88 0.00	17.76 0.89 0.00	18.92 0.99 0.00	21.15 1.22 0.00	22.33 1.30 0.00	23.33 1.46 0.00	23.79 1.45 0.00	23.78 1.26 0.00	25.04 1.35 0.00	25.54 1.15 0.00	27.32 1.35 0.00	29.15 1.52 0.00	30.58 1.59 0.00	37.93 2.02 0.18	41.15 2.58 0.00	41.76 3.02 0.00	39.08 2.66 0.00	33.77 2.36 0.00	31.38 2.32 0.00	26.90 1.81 0.00	24.64 1.55 0.00
MONGAUP___HYD 23641	23.98 1.40 0.00	21.87 1.16 0.00	19.74 0.98 0.00	18.40 0.86 0.00	17.62 0.76 0.00	18.76 0.83 0.00	20.91 0.98 0.00	22.18 1.16 0.00	23.18 1.31 0.00	23.66 1.32 0.00	23.87 1.35 0.00	25.11 1.42 0.00	25.90 1.51 0.00	27.53 1.56 0.00	29.38 1.74 0.00	30.78 1.80 0.00	38.62 2.42 -0.12	41.66 3.09 0.00	41.79 3.06 0.00	38.72 2.30 0.00	33.46 2.04 0.00	30.94 1.89 0.00	26.70 1.61 0.00	24.52 1.43 0.00
MONTAUK___DIESEL 23721	33.66 4.13 -6.94	29.73 3.60 -5.41	26.54 3.19 -4.58	20.49 2.89 -0.05	20.25 2.77 -0.62	21.54 2.92 -0.68	23.12 3.19 0.00	27.89 3.68 -3.19	31.35 4.18 -5.31	31.66 4.27 -5.05	34.47 4.26 -7.70	35.83 4.62 -7.52	41.50 4.81 -12.30	49.84 5.17 -18.70	67.39 5.58 -34.17	89.82 5.80 -55.04	136.28 7.29 -92.91	144.08 8.37 -97.14	141.98 8.29 -94.96	135.53 6.92 -92.19	130.98 5.87 -93.69	75.37 5.52 -40.80	48.57 4.82 -18.66	35.79 4.36 -8.34
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.55 0.97 0.00	21.58 0.87 0.00	19.69 0.92 0.00	18.40 0.86 0.00	17.79 0.93 0.00	19.01 1.08 0.00	21.07 1.14 0.00	21.97 0.95 0.00	22.67 0.81 0.00	23.59 1.25 0.00	23.80 1.28 0.00	25.23 1.54 0.00	26.05 1.66 0.00	27.30 1.32 0.00	28.88 1.24 0.00	30.40 1.42 0.00	37.17 1.08 0.00	39.84 1.27 0.00	40.17 1.43 0.00	37.73 1.31 0.00	33.11 1.70 0.00	30.85 1.80 0.00	26.70 1.61 0.00	24.75 1.66 0.00
MORTIMER_115KV_TB3 55949	23.06 0.47 0.00	21.06 0.35 0.00	19.09 0.32 0.00	17.86 0.32 0.00	17.20 0.34 0.00	18.31 0.38 0.00	20.29 0.36 0.00	21.32 0.29 0.00	22.08 0.22 0.00	22.70 0.36 0.00	22.90 0.38 0.00	24.24 0.54 0.00	25.05 0.66 0.00	26.57 0.60 0.00	28.27 0.64 0.00	29.59 0.61 0.00	36.55 0.47 0.00	39.26 0.69 0.00	39.47 0.74 0.00	37.08 0.66 0.00	32.08 0.66 0.00	29.66 0.61 0.00	25.67 0.58 0.00	23.74 0.65 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.39 1.81 0.00	22.22 1.51 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.89 1.03 0.00	19.03 1.09 0.00	21.25 1.32 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.57 2.05 0.00	25.90 2.20 0.00	26.66 2.27 0.00	28.36 2.39 0.00	30.26 2.63 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	24.98 1.89 0.00
MUNSVILLE_WIND_PWR 323609	23.98 1.40 0.00	21.95 1.24 0.00	19.91 1.14 0.00	18.63 1.09 0.00	17.93 1.06 0.00	19.15 1.22 0.00	21.35 1.42 0.00	22.52 1.49 0.00	23.33 1.47 0.00	23.70 1.36 0.00	24.00 1.49 0.00	25.16 1.47 0.00	25.86 1.46 0.00	27.61 1.64 0.00	29.38 1.74 0.00	31.25 2.26 0.00	38.93 2.85 0.00	42.00 3.43 0.00	42.57 3.84 0.00	40.10 3.68 0.00	34.71 3.30 0.00	31.93 2.88 0.00	27.32 2.23 0.00	25.03 1.94 0.00
N SALMON___HYD 24042	21.38 -1.20 0.00	19.74 -0.97 0.00	17.94 -0.83 0.00	16.76 -0.79 0.00	16.09 -0.78 0.00	17.02 -0.91 0.00	18.82 -1.12 0.00	20.00 -1.03 0.00	20.79 -1.07 0.00	21.22 -1.12 0.00	21.30 -1.22 0.00	22.22 -1.47 0.00	22.83 -1.56 0.00	24.44 -1.53 0.00	26.03 -1.60 0.00	27.27 -1.71 0.00	34.28 -1.80 0.00	36.68 -1.89 0.00	36.99 -1.74 0.00	35.22 -1.20 0.00	30.29 -1.13 0.00	27.95 -1.10 0.00	24.06 -1.03 0.00	22.19 -0.90 0.00
N.AKRON__115KV_KNAPP 355671	23.28 0.70 0.00	21.21 0.50 0.00	19.29 0.53 0.00	18.09 0.54 0.00	17.45 0.59 0.00	18.58 0.65 0.00	20.45 0.52 0.00	21.28 0.25 0.00	22.02 0.15 0.00	22.74 0.40 0.00	22.97 0.45 0.00	24.38 0.69 0.00	25.25 0.85 0.00	26.52 0.55 0.00	28.24 0.61 0.00	29.54 0.55 0.00	36.23 0.14 0.00	38.95 0.39 0.00	39.24 0.50 0.00	36.90 0.47 0.00	32.11 0.69 0.00	29.78 0.73 0.00	25.82 0.73 0.00	24.04 0.95 0.00
N.BELMOR_69_KV_BK1 55787	31.78 2.26 -6.94	28.07 1.95 -5.41	25.04 1.69 -4.58	19.13 1.53 -0.05	18.90 1.42 -0.62	20.12 1.51 -0.68	21.65 1.71 0.00	26.32 2.10 -3.19	29.56 2.38 -5.31	29.82 2.43 -5.05	32.61 2.39 -7.70	33.77 2.56 -7.52	34.19 2.66 -7.13	36.27 2.83 -7.46	37.79 3.04 -7.12	39.15 3.13 -7.04	42.91 3.97 -2.85	44.31 4.74 -0.99	43.64 4.65 -0.26	42.82 3.57 -2.83	42.20 3.02 -7.77	37.95 2.88 -6.02	35.26 2.61 -7.56	33.73 2.36 -8.28
N.E._GEN_SANDY PD 24062	23.80 1.22 0.00	21.72 1.01 0.00	19.65 0.88 0.00	18.33 0.79 0.00	17.60 0.74 0.00	18.72 0.79 0.00	20.87 0.94 0.00	22.12 1.09 0.00	23.13 1.27 0.00	23.63 1.30 0.00	23.80 1.28 0.00	25.02 1.33 0.00	25.76 1.37 0.00	27.40 1.43 0.00	29.15 1.52 0.00	30.52 1.54 0.00	36.80 1.91 1.20	41.00 2.43 0.00	41.18 2.44 0.00	38.17 1.75 0.00	32.92 1.51 0.00	30.48 1.42 0.00	26.35 1.25 0.00	24.27 1.18 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.14 1.56 0.00	21.99 1.28 0.00	19.86 1.09 0.00	18.51 0.96 0.00	17.74 0.88 0.00	18.87 0.93 0.00	21.07 1.14 0.00	22.44 1.41 0.00	23.53 1.66 0.00	24.04 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.29 1.90 0.00	27.95 1.97 0.00	29.82 2.18 0.00	31.22 2.23 0.00	39.10 2.89 -0.13	42.08 3.51 0.00	42.11 3.37 0.00	38.79 2.37 0.00	33.46 2.04 0.00	31.00 1.95 0.00	26.77 1.68 0.00	24.64 1.55 0.00
N. QUEENS_27_KV_LOAD 356247	24.62 2.03 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.86 1.32 0.00	18.08 1.21 -0.01	19.08 1.15 0.00	21.15 1.22 0.00	22.58 1.56 0.00	23.74 1.88 0.00	24.33 1.99 0.00	24.59 2.07 0.00	25.93 2.23 -0.01	26.69 2.29 -0.01	28.42 2.44 -0.01	30.29 2.65 -0.01	31.80 2.81 0.00	39.96 3.72 -0.15	43.09 4.51 -0.01	43.08 4.34 -0.01	39.59 3.17 0.00	33.93 2.51 0.00	31.70 2.64 0.00	27.43 2.33 -0.01	25.27 2.17 -0.01
N. TROY___115KV_TB1 355778	23.71 1.13 0.00	21.64 0.93 0.00	19.57 0.81 0.00	18.26 0.72 0.00	17.57 0.71 0.00	18.70 0.77 0.00	20.83 0.90 0.00	22.02 0.99 0.00	23.00 1.14 0.00	23.48 1.14 0.00	23.64 1.13 0.00	24.88 1.18 0.00	25.54 1.15 0.00	27.24 1.27 0.00	28.99 1.35 0.00	30.40 1.42 0.00	37.63 1.77 0.22	40.81 2.24 0.00	41.06 2.32 0.00	38.24 1.82 0.00	32.99 1.57 0.00	30.53 1.48 0.00	26.32 1.23 0.00	24.20 1.11 0.00
NARROWS_GT1_1 24228	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT1_2 24229	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT1_3 24230	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT1_4 24231	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT1_5 24232	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT1_6 24233	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT1_7 24234	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT1_8 24235	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT2_1 24236	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT2_2 24237	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT2_3 24238	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT2_4 24239	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02

NARROWS_GT2_5 24240	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT2_6 24241	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT2_7 24242	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NARROWS_GT2_8 24243	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.78 1.20 0.00	21.66 0.95 0.00	19.59 0.83 0.00	18.33 0.79 0.00	17.59 0.73 0.00	18.72 0.79 0.00	20.87 0.94 0.00	21.99 0.97 0.00	22.91 1.05 0.00	23.34 1.01 0.00	23.46 0.95 0.00	24.69 1.00 0.00	25.39 1.00 0.00	27.19 1.22 0.00	28.99 1.35 0.00	30.35 1.36 0.00	38.14 2.13 0.08	41.04 2.47 0.00	41.37 2.63 0.00	38.72 2.29 0.00	33.46 2.04 0.00	30.88 1.83 0.00	26.55 1.46 0.00	24.36 1.27 0.00
NCHELSEA_115KV_TR2 355582	24.25 1.67 0.00	22.10 1.39 0.00	19.95 1.18 0.00	18.60 1.05 0.00	17.77 0.91 0.00	18.92 0.99 0.00	21.13 1.20 0.00	22.46 1.43 0.00	23.53 1.66 0.00	24.04 1.70 0.00	24.27 1.76 0.00	25.52 1.82 0.00	26.29 1.90 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.33 2.35 0.00	39.22 3.03 -0.11	42.27 3.70 0.00	42.34 3.60 0.00	39.12 2.70 0.00	33.71 2.29 0.00	31.20 2.15 0.00	26.95 1.86 0.00	24.77 1.69 0.00
NEG CAPITAL___MECHNVIL 23645	24.00 1.42 0.00	21.87 1.16 0.00	19.80 1.03 0.00	18.44 0.89 0.00	17.76 0.89 0.00	18.90 0.97 0.00	21.09 1.16 0.00	22.29 1.26 0.00	23.28 1.42 0.00	23.77 1.43 0.00	23.87 1.35 0.00	25.16 1.47 0.00	25.83 1.44 0.00	27.56 1.58 0.00	29.38 1.74 0.00	30.78 1.80 0.00	38.16 2.27 0.20	41.38 2.81 0.00	41.72 2.98 0.00	38.97 2.55 0.00	33.65 2.23 0.00	31.15 2.09 0.00	26.77 1.68 0.00	24.57 1.48 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.60 0.02 0.00	20.63 -0.08 0.00	18.67 -0.09 0.00	17.49 -0.05 0.00	16.85 -0.02 0.00	17.95 0.02 0.00	19.95 0.02 0.00	20.99 -0.04 0.00	21.84 -0.02 0.00	22.38 0.04 0.00	22.63 0.11 0.00	23.93 0.24 0.00	24.64 0.24 0.00	26.23 0.26 0.00	27.91 0.28 0.00	29.30 0.32 0.00	36.23 0.14 0.00	38.80 0.23 0.00	38.97 0.23 0.00	36.57 0.15 0.00	31.57 0.16 0.00	29.17 0.12 0.00	25.19 0.10 0.00	23.23 0.14 0.00
NEG CENTRAL___DRP 24199	22.99 0.41 0.00	21.00 0.29 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.18 0.32 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.47 0.44 0.00	22.59 0.72 0.00	23.07 0.74 0.00	23.40 0.88 0.00	24.73 1.04 0.00	25.59 1.20 0.00	27.06 1.09 0.00	28.82 1.19 0.00	30.29 1.30 0.00	37.38 1.30 0.00	39.57 1.00 0.00	39.82 1.08 0.00	37.30 0.87 0.00	32.33 0.91 0.00	29.87 0.81 0.00	25.74 0.65 0.00	23.71 0.62 0.00
NEG CENTRAL___INDECK 23768	23.75 1.17 0.00	21.68 0.97 0.00	19.65 0.88 0.00	18.42 0.88 0.00	17.76 0.89 0.00	18.94 1.00 0.00	20.95 1.02 0.00	21.76 0.74 0.00	22.41 0.55 0.00	22.92 0.58 0.00	23.15 0.63 0.00	24.64 0.95 0.00	25.27 0.88 0.00	26.80 0.83 0.00	27.72 0.08 0.00	29.22 0.23 0.00	36.08 0.00 0.00	39.11 0.54 0.00	39.63 0.89 0.00	37.44 1.02 0.00	32.54 1.13 0.00	30.19 1.13 0.00	26.72 1.63 0.00	24.66 1.57 0.00
NEG CENTRAL___SENECA 23627	23.12 0.54 0.00	21.10 0.39 0.00	19.12 0.36 0.00	17.93 0.39 0.00	17.28 0.42 0.00	18.42 0.48 0.00	20.49 0.56 0.00	21.57 0.55 0.00	22.52 0.66 0.00	23.05 0.71 0.00	23.35 0.83 0.00	24.71 1.02 0.00	25.54 1.15 0.00	27.04 1.06 0.00	28.79 1.16 0.00	30.23 1.25 0.00	37.24 1.15 0.00	39.76 1.20 0.00	40.01 1.28 0.00	37.48 1.06 0.00	32.61 1.19 0.00	30.13 1.07 0.00	25.97 0.88 0.00	23.90 0.81 0.00
NEG CENTRAL___STATE_STREET 24147	23.15 0.56 0.00	21.17 0.46 0.00	19.16 0.39 0.00	17.98 0.44 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.49 0.56 0.00	21.64 0.61 0.00	22.69 0.83 0.00	23.16 0.83 0.00	23.31 0.79 0.00	24.64 0.95 0.00	25.44 1.05 0.00	27.14 1.17 0.00	28.90 1.27 0.00	30.43 1.45 0.00	37.71 1.62 0.00	40.00 1.43 0.00	40.17 1.43 0.00	37.66 1.24 0.00	32.51 1.10 0.00	30.04 0.99 0.00	25.90 0.80 0.00	23.83 0.74 0.00
NEG MILLWOOD___DRP 24198	24.28 1.69 0.00	22.10 1.39 0.00	19.99 1.22 0.00	18.60 1.05 0.00	17.79 0.93 0.00	18.94 1.00 0.00	21.15 1.22 0.00	22.54 1.51 0.00	23.63 1.77 0.00	24.17 1.83 0.00	24.36 1.85 0.00	25.64 1.94 0.00	26.42 2.02 0.00	28.13 2.16 0.00	30.04 2.40 0.00	31.48 2.49 0.00	39.42 3.21 -0.13	42.54 3.97 0.00	42.61 3.87 0.00	39.34 2.91 0.00	33.90 2.48 0.00	31.35 2.30 0.00	27.02 1.93 0.00	24.84 1.75 0.00
NEG NORTH_FLCN_SEA 23793	21.38 -1.20 0.00	19.72 -0.99 0.00	17.90 -0.86 0.00	16.70 -0.84 0.00	16.04 -0.83 0.00	17.00 -0.93 0.00	18.88 -1.06 0.00	20.08 -0.95 0.00	20.92 -0.94 0.00	21.31 -1.03 0.00	21.35 -1.17 0.00	22.25 -1.45 0.00	22.86 -1.54 0.00	24.54 -1.43 0.00	26.14 -1.49 0.00	27.39 -1.59 0.00	34.50 -1.59 0.00	37.03 -1.54 0.00	37.38 -1.36 0.00	35.55 -0.87 0.00	30.57 -0.85 0.00	28.15 -0.90 0.00	24.21 -0.88 0.00	22.26 -0.83 0.00
NEG NORTH_KES_CHATEGAY 23792	21.25 -1.33 0.00	19.61 -1.10 0.00	17.79 -0.98 0.00	16.61 -0.93 0.00	15.95 -0.91 0.00	16.89 -1.04 0.00	18.76 -1.18 0.00	19.91 -1.11 0.00	20.73 -1.14 0.00	21.13 -1.21 0.00	21.17 -1.35 0.00	22.08 -1.61 0.00	22.66 -1.73 0.00	24.34 -1.64 0.00	25.92 -1.71 0.00	27.19 -1.80 0.00	34.21 -1.88 0.00	36.64 -1.93 0.00	36.99 -1.74 0.00	35.22 -1.20 0.00	30.28 -1.13 0.00	27.89 -1.16 0.00	24.01 -1.08 0.00	22.07 -1.02 0.00

NEG NORTH___ALICE_FALLS 23915	21.34 -1.24 0.00	19.67 -1.04 0.00	17.87 -0.90 0.00	16.67 -0.88 0.00	16.00 -0.86 0.00	16.97 -0.97 0.00	18.84 -1.10 0.00	20.06 -0.97 0.00	20.88 -0.98 0.00	21.27 -1.07 0.00	21.30 -1.22 0.00	22.20 -1.49 0.00	22.81 -1.59 0.00	24.49 -1.48 0.00	26.09 -1.55 0.00	27.33 -1.65 0.00	34.42 -1.66 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.50 -0.91 0.00	28.12 -0.93 0.00	24.19 -0.90 0.00	22.21 -0.88 0.00
NEG NORTH___LWR_SARANAC 23913	21.34 -1.24 0.00	19.67 -1.04 0.00	17.87 -0.90 0.00	16.67 -0.88 0.00	16.00 -0.86 0.00	16.97 -0.97 0.00	18.84 -1.10 0.00	20.06 -0.97 0.00	20.88 -0.98 0.00	21.27 -1.07 0.00	21.30 -1.22 0.00	22.20 -1.49 0.00	22.81 -1.59 0.00	24.49 -1.48 0.00	26.09 -1.55 0.00	27.33 -1.65 0.00	34.42 -1.66 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.50 -0.91 0.00	28.12 -0.93 0.00	24.19 -0.90 0.00	22.21 -0.88 0.00
NEG NORTH___PLATTSBURG 23628	21.34 -1.24 0.00	19.68 -1.03 0.00	17.87 -0.90 0.00	16.67 -0.88 0.00	16.00 -0.86 0.00	16.96 -0.97 0.00	18.84 -1.10 0.00	20.06 -0.97 0.00	20.88 -0.98 0.00	21.27 -1.07 0.00	21.30 -1.22 0.00	22.20 -1.49 0.00	22.81 -1.59 0.00	24.49 -1.48 0.00	26.09 -1.55 0.00	27.33 -1.65 0.00	34.43 -1.66 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.50 -0.91 0.00	28.12 -0.93 0.00	24.19 -0.90 0.00	22.21 -0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	22.94 0.36 0.00	20.90 0.19 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.23 0.37 0.00	18.33 0.39 0.00	20.13 0.20 0.00	20.90 -0.13 0.00	21.62 -0.24 0.00	22.38 0.04 0.00	22.52 0.00 0.00	23.93 0.24 0.00	24.76 0.37 0.00	26.02 0.05 0.00	27.69 0.06 0.00	28.96 -0.03 0.00	35.43 -0.65 0.00	38.11 -0.46 0.00	38.39 -0.35 0.00	36.02 -0.40 0.00	31.45 0.03 0.00	29.20 0.15 0.00	25.39 0.30 0.00	23.69 0.60 0.00
NEG WEST___LANCASTR 23811	22.99 0.41 0.00	20.94 0.23 0.00	19.09 0.32 0.00	17.86 0.32 0.00	17.27 0.40 0.00	18.36 0.43 0.00	20.29 0.36 0.00	21.11 0.08 0.00	21.91 0.04 0.00	22.67 0.34 0.00	22.83 0.32 0.00	24.26 0.57 0.00	25.10 0.71 0.00	26.44 0.47 0.00	28.13 0.50 0.00	29.48 0.49 0.00	36.12 0.04 0.00	38.80 0.23 0.00	39.08 0.35 0.00	36.57 0.15 0.00	31.98 0.57 0.00	29.66 0.61 0.00	25.67 0.58 0.00	23.87 0.79 0.00
NEG_PENN_ALLEGHNY 23528	23.17 0.59 0.00	21.17 0.46 0.00	19.16 0.39 0.00	17.95 0.40 0.00	17.28 0.42 0.00	18.40 0.47 0.00	20.47 0.54 0.00	21.55 0.53 0.00	22.41 0.55 0.00	22.94 0.60 0.00	23.15 0.63 0.00	24.45 0.76 0.00	25.15 0.76 0.00	26.78 0.81 0.00	28.49 0.86 0.00	29.97 0.99 0.00	37.17 1.08 0.00	39.88 1.31 0.00	40.09 1.36 0.00	37.44 1.02 0.00	32.42 1.01 0.00	29.98 0.93 0.00	25.87 0.78 0.00	23.85 0.76 0.00
NEG___GEN_MONROE 24207	23.17 0.59 0.00	21.21 0.50 0.00	19.18 0.41 0.00	17.95 0.40 0.00	17.30 0.44 0.00	18.44 0.50 0.00	20.41 0.48 0.00	21.41 0.38 0.00	22.13 0.26 0.00	22.74 0.40 0.00	23.06 0.54 0.00	24.40 0.71 0.00	25.22 0.83 0.00	26.59 0.62 0.00	28.30 0.66 0.00	29.62 0.64 0.00	36.48 0.40 0.00	39.19 0.62 0.00	39.47 0.74 0.00	37.08 0.66 0.00	32.11 0.69 0.00	29.78 0.73 0.00	25.79 0.70 0.00	23.94 0.85 0.00
NEPA___ENERGY 23901	23.28 0.70 0.00	21.23 0.52 0.00	19.33 0.56 0.00	18.11 0.56 0.00	17.50 0.64 0.00	18.61 0.68 0.00	20.59 0.66 0.00	21.47 0.44 0.00	22.26 0.39 0.00	23.01 0.67 0.00	23.17 0.65 0.00	24.59 0.90 0.00	25.44 1.05 0.00	26.80 0.83 0.00	28.49 0.86 0.00	29.88 0.90 0.00	36.63 0.54 0.00	39.30 0.73 0.00	39.59 0.85 0.00	36.97 0.55 0.00	32.39 0.97 0.00	30.07 1.02 0.00	26.02 0.93 0.00	24.15 1.06 0.00
NEVERSINK___HYD 23608	23.85 1.26 0.00	21.75 1.04 0.00	19.63 0.86 0.00	18.30 0.75 0.00	17.49 0.62 0.00	18.63 0.70 0.00	20.77 0.84 0.00	22.08 1.05 0.00	23.09 1.22 0.00	23.59 1.25 0.00	23.80 1.28 0.00	25.04 1.35 0.00	25.83 1.44 0.00	27.48 1.51 0.00	29.35 1.71 0.00	30.84 1.86 0.00	38.61 2.45 -0.07	41.61 3.05 0.00	41.72 2.98 0.00	38.57 2.15 0.00	33.27 1.85 0.00	30.74 1.68 0.00	26.55 1.45 0.00	24.38 1.29 0.00
NEWKRMKL_115KV_TB1 55635	23.35 0.77 0.00	21.29 0.58 0.00	19.26 0.49 0.00	18.02 0.47 0.00	17.33 0.47 0.00	18.44 0.50 0.00	20.53 0.60 0.00	21.70 0.67 0.00	22.65 0.79 0.00	23.12 0.78 0.00	23.31 0.79 0.00	24.52 0.83 0.00	25.22 0.83 0.00	26.91 0.93 0.00	28.66 1.02 0.00	30.03 1.04 0.00	37.26 1.34 0.16	40.30 1.74 0.00	40.48 1.74 0.00	37.73 1.31 0.00	32.55 1.13 0.00	30.07 1.02 0.00	25.92 0.83 0.00	23.83 0.74 0.00
NEWTON___FALLS_HYD 23847	21.81 -0.77 0.00	20.09 -0.62 0.00	18.30 -0.47 0.00	17.18 -0.37 0.00	16.49 -0.37 0.00	17.43 -0.50 0.00	19.14 -0.80 0.00	20.19 -0.84 0.00	20.92 -0.94 0.00	21.35 -0.98 0.00	21.57 -0.95 0.00	22.63 -1.07 0.00	23.29 -1.10 0.00	24.70 -1.27 0.00	26.28 -1.35 0.00	27.62 -1.36 0.00	34.57 -1.52 0.00	37.10 -1.47 0.00	37.38 -1.36 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.54 -0.55 0.00
NGRID_A1_DSASP 323792	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.85 -0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.44 -0.59 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	23.93 -0.46 0.00	25.42 -0.55 0.00	27.00 -0.63 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.18 -1.24 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
NGRID_A2_DSASP 323793	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.85 -0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.44 -0.59 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	23.93 -0.46 0.00	25.42 -0.55 0.00	27.00 -0.63 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.18 -1.24 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
NGRID_A4_DSASP 323807	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.88 0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.46 -0.57 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	24.20 -0.20 0.00	25.43 -0.55 0.00	27.05 -0.58 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.15 -1.27 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
NIAGARA_115E_LBMP 323715	22.58 0.00 0.00	20.57 -0.14 0.00	18.75 -0.02 0.00	17.60 0.05 0.00	16.98 0.12 0.00	18.08 0.14 0.00	19.79 -0.14 0.00	20.50 -0.52 0.00	21.23 -0.63 0.00	21.96 -0.38 0.00	22.09 -0.43 0.00	23.46 -0.24 0.00	24.00 -0.39 0.00	25.50 -0.47 0.00	27.08 -0.55 0.00	28.41 -0.58 0.00	34.75 -1.33 0.00	37.33 -1.24 0.00	37.57 -1.16 0.00	35.33 -1.09 0.00	30.82 -0.60 0.00	28.62 -0.43 0.00	24.92 -0.17 0.00	23.27 0.18 0.00

NIAGARA_115W_LBMP 323714	22.42 -0.16 0.00	20.42 -0.29 0.00	18.60 -0.17 0.00	17.42 -0.12 0.00	16.81 -0.05 0.00	17.90 -0.04 0.00	19.71 -0.22 0.00	20.40 -0.63 0.00	21.12 -0.74 0.00	21.82 -0.51 0.00	21.96 -0.56 0.00	23.31 -0.38 0.00	23.86 -0.54 0.00	25.35 -0.62 0.00	26.91 -0.72 0.00	28.23 -0.75 0.00	34.50 -1.59 0.00	37.06 -1.50 0.00	37.30 -1.43 0.00	35.07 -1.35 0.00	30.57 -0.85 0.00	28.41 -0.64 0.00	24.77 -0.33 0.00	23.16 0.07 0.00
NIAGARA_230_LBMP 323716	22.72 0.14 0.00	20.69 -0.02 0.00	18.84 0.08 0.00	17.65 0.11 0.00	17.03 0.17 0.00	18.13 0.20 0.00	19.97 0.04 0.00	20.69 -0.34 0.00	21.43 -0.44 0.00	22.14 -0.20 0.00	22.27 -0.25 0.00	23.62 -0.07 0.00	24.20 -0.20 0.00	25.71 -0.26 0.00	27.30 -0.33 0.00	28.64 -0.35 0.00	35.04 -1.05 0.00	37.64 -0.93 0.00	37.88 -0.85 0.00	35.59 -0.84 0.00	31.01 -0.41 0.00	28.82 -0.23 0.00	25.09 0.00 0.00	23.46 0.37 0.00
NIAGARA__115KV_198_GIBSON 55903	22.42 -0.16 0.00	20.42 -0.29 0.00	18.62 -0.15 0.00	17.42 -0.12 0.00	16.83 -0.03 0.00	17.90 -0.04 0.00	19.71 -0.22 0.00	20.40 -0.63 0.00	21.12 -0.74 0.00	21.82 -0.51 0.00	21.95 -0.56 0.00	23.31 -0.38 0.00	24.12 -0.27 0.00	25.35 -0.62 0.00	26.97 -0.66 0.00	28.20 -0.78 0.00	34.50 -1.59 0.00	37.06 -1.50 0.00	37.30 -1.43 0.00	35.04 -1.38 0.00	30.60 -0.82 0.00	28.41 -0.64 0.00	24.77 -0.33 0.00	23.16 0.07 0.00
NIAGARA____ 23760	22.49 -0.09 0.00	20.48 -0.23 0.00	18.67 -0.09 0.00	17.49 -0.05 0.00	16.88 0.02 0.00	17.97 0.04 0.00	19.75 -0.18 0.00	20.50 -0.52 0.00	21.25 -0.61 0.00	21.96 -0.38 0.00	22.09 -0.43 0.00	23.46 -0.24 0.00	24.03 -0.37 0.00	25.53 -0.44 0.00	27.11 -0.53 0.00	28.43 -0.55 0.00	34.82 -1.26 0.00	37.41 -1.16 0.00	37.65 -1.08 0.00	35.36 -1.06 0.00	30.82 -0.60 0.00	28.62 -0.43 0.00	24.89 -0.20 0.00	23.23 0.14 0.00
NINE_MILE_1 23575	22.11 -0.48 0.00	20.23 -0.48 0.00	18.35 -0.41 0.00	17.19 -0.35 0.00	16.53 -0.34 0.00	17.57 -0.36 0.00	19.53 -0.40 0.00	20.58 -0.44 0.00	21.32 -0.55 0.00	21.78 -0.56 0.00	21.98 -0.54 0.00	23.15 -0.54 0.00	23.83 -0.56 0.00	25.35 -0.62 0.00	26.97 -0.66 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.85 -0.89 0.00	35.55 -0.87 0.00	30.66 -0.75 0.00	28.36 -0.70 0.00	24.49 -0.60 0.00	22.56 -0.53 0.00
NINE_MILE_2 23744	22.11 -0.48 0.00	20.23 -0.48 0.00	18.35 -0.41 0.00	17.19 -0.35 0.00	16.53 -0.34 0.00	17.59 -0.34 0.00	19.53 -0.40 0.00	20.61 -0.42 0.00	21.32 -0.55 0.00	21.78 -0.56 0.00	21.98 -0.54 0.00	23.15 -0.54 0.00	23.83 -0.56 0.00	25.35 -0.62 0.00	26.97 -0.66 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.85 -0.89 0.00	35.55 -0.87 0.00	30.66 -0.75 0.00	28.36 -0.70 0.00	24.49 -0.60 0.00	22.56 -0.53 0.00
NM_CAPITAL____DRP 24208	23.42 0.84 0.00	21.37 0.66 0.00	19.33 0.56 0.00	18.07 0.53 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.76 0.74 0.00	22.72 0.85 0.00	23.19 0.85 0.00	23.37 0.86 0.00	24.59 0.90 0.00	25.27 0.88 0.00	26.98 1.01 0.00	28.71 1.08 0.00	30.09 1.10 0.00	37.32 1.41 0.17	40.38 1.81 0.00	40.56 1.82 0.00	37.81 1.38 0.00	32.58 1.16 0.00	30.13 1.07 0.00	26.00 0.90 0.00	23.90 0.81 0.00
NM_CENTRAL____DRP 24181	22.63 0.05 0.00	20.69 -0.02 0.00	18.75 -0.02 0.00	17.56 0.02 0.00	16.90 0.03 0.00	17.97 0.04 0.00	19.99 0.06 0.00	21.09 0.06 0.00	21.86 0.00 0.00	22.36 0.02 0.00	22.61 0.09 0.00	23.83 0.14 0.00	24.59 0.20 0.00	26.08 0.10 0.00	27.72 0.08 0.00	29.13 0.14 0.00	36.16 0.07 0.00	38.80 0.23 0.00	38.93 0.19 0.00	36.49 0.07 0.00	31.48 0.06 0.00	29.08 0.03 0.00	25.14 0.05 0.00	23.16 0.07 0.00
NM_FRONTIER____DRP 24179	22.42 -0.16 0.00	20.42 -0.29 0.00	18.62 -0.15 0.00	17.42 -0.12 0.00	16.83 -0.03 0.00	17.90 -0.04 0.00	19.71 -0.22 0.00	20.40 -0.63 0.00	21.12 -0.74 0.00	21.82 -0.51 0.00	21.95 -0.56 0.00	23.31 -0.38 0.00	24.12 -0.27 0.00	25.35 -0.62 0.00	26.97 -0.66 0.00	28.20 -0.78 0.00	34.50 -1.59 0.00	37.06 -1.50 0.00	37.30 -1.43 0.00	35.04 -1.38 0.00	30.60 -0.82 0.00	28.41 -0.64 0.00	24.77 -0.33 0.00	23.16 0.07 0.00
NM_ST_REGIS____HYD 24053	21.43 -1.15 0.00	19.80 -0.91 0.00	18.07 -0.69 0.00	16.90 -0.65 0.00	16.22 -0.64 0.00	17.07 -0.86 0.00	18.68 -1.26 0.00	19.74 -1.28 0.00	20.51 -1.36 0.00	20.95 -1.38 0.00	21.12 -1.40 0.00	22.08 -1.61 0.00	22.68 -1.71 0.00	24.23 -1.74 0.00	25.78 -1.85 0.00	27.07 -1.91 0.00	33.88 -2.20 0.00	36.10 -2.47 0.00	36.30 -2.44 0.00	34.67 -1.75 0.00	29.81 -1.60 0.00	27.54 -1.51 0.00	23.86 -1.23 0.00	22.10 -0.99 0.00
NORTHPORT____1 23551	31.80 2.28 -6.94	28.09 1.97 -5.41	25.06 1.71 -4.58	19.20 1.60 -0.05	18.99 1.50 -0.62	20.19 1.58 -0.68	21.67 1.73 0.00	26.34 2.12 -3.19	29.56 2.38 -5.31	29.85 2.46 -5.05	32.56 2.34 -7.70	33.65 2.44 -7.52	34.11 2.44 -7.28	35.98 2.55 -7.46	35.36 2.68 -5.05	39.84 2.70 -8.16	44.42 3.39 -4.95	45.93 4.13 -3.23	45.23 4.03 -2.46	44.32 2.99 -4.91	43.70 2.51 -9.77	38.35 2.47 -6.83	34.11 2.31 -6.71	33.59 2.22 -8.28
NORTHPORT____2 23552	31.80 2.28 -6.94	28.09 1.97 -5.41	25.06 1.71 -4.58	19.20 1.60 -0.05	18.99 1.50 -0.62	20.19 1.58 -0.68	21.67 1.73 0.00	26.34 2.12 -3.19	29.56 2.38 -5.31	29.85 2.46 -5.05	32.56 2.34 -7.70	33.65 2.44 -7.52	34.11 2.44 -7.28	35.03 2.55 -6.51	35.36 2.68 -5.05	34.48 2.70 -2.80	34.37 3.39 5.10	35.19 4.13 7.50	34.66 4.03 8.11	34.35 2.99 5.06	34.11 2.51 -0.18	34.48 2.47 -2.96	34.11 2.31 -6.71	33.59 2.22 -8.28
NORTHPORT____3 23553	31.85 2.33 -6.94	28.09 1.97 -5.41	25.07 1.73 -4.58	19.14 1.54 -0.05	18.94 1.45 -0.62	20.15 1.54 -0.68	21.67 1.73 0.00	26.34 2.12 -3.19	29.60 2.43 -5.31	29.89 2.50 -5.05	32.67 2.45 -7.70	33.75 2.54 -7.52	34.39 2.73 -7.27	35.25 2.70 -6.58	36.42 2.96 -5.83	34.85 3.07 -2.79	34.87 3.90 5.11	35.53 4.47 7.51	35.15 4.53 8.12	34.85 3.50 5.07	34.57 2.99 -0.17	34.85 2.85 -2.95	34.60 2.48 -7.03	33.81 2.45 -8.27
NORTHPORT____4 23650	31.85 2.33 -6.94	28.09 1.97 -5.41	25.07 1.73 -4.58	19.14 1.54 -0.05	18.94 1.45 -0.62	20.15 1.54 -0.68	21.67 1.73 0.00	26.34 2.12 -3.19	29.60 2.43 -5.31	29.89 2.50 -5.05	32.67 2.45 -7.70	33.75 2.54 -7.52	34.39 2.73 -7.27	35.25 2.70 -6.58	36.42 2.96 -5.83	34.85 3.07 -2.79	34.87 3.90 5.11	35.53 4.47 7.51	35.15 4.53 8.12	34.85 3.50 5.07	34.57 2.99 -0.17	34.85 2.85 -2.95	34.60 2.48 -7.03	33.81 2.45 -8.27
NORTHPORT____IC 23718	31.80 2.28 -6.94	28.09 1.97 -5.41	25.06 1.71 -4.58	19.20 1.60 -0.05	18.99 1.50 -0.62	20.19 1.58 -0.68	21.67 1.73 0.00	26.34 2.12 -3.19	29.56 2.38 -5.31	29.85 2.46 -5.05	32.56 2.34 -7.70	33.65 2.44 -7.52	34.11 2.44 -7.28	35.03 2.55 -6.51	35.36 2.68 -5.05	34.48 2.70 -2.80	34.37 3.39 5.10	35.19 4.13 7.50	34.66 4.03 8.11	34.35 2.99 5.06	34.11 2.51 -0.18	34.48 2.47 -2.96	34.11 2.31 -6.71	33.59 2.22 -8.28

NORTH__COUNTRY_ESR 323785	21.20 -1.38 0.00	19.57 -1.14 0.00	17.75 -1.01 0.00	16.58 -0.96 0.00	15.92 -0.94 0.00	16.86 -1.08 0.00	18.72 -1.22 0.00	19.89 -1.14 0.00	20.70 -1.16 0.00	21.11 -1.23 0.00	21.14 -1.37 0.00	22.06 -1.63 0.00	22.66 -1.73 0.00	24.31 -1.66 0.00	25.89 -1.74 0.00	27.16 -1.83 0.00	34.14 -1.95 0.00	36.56 -2.01 0.00	36.92 -1.82 0.00	35.15 -1.28 0.00	30.19 -1.23 0.00	27.83 -1.22 0.00	23.94 -1.15 0.00	22.03 -1.06 0.00
NPX_GEN_1385_PROXY 323591	31.13 1.60 -6.94	27.66 1.53 -5.41	24.70 1.35 -4.58	19.18 1.58 -0.05	18.97 1.48 -0.62	20.10 1.49 -0.68	21.37 1.44 0.00	26.00 1.79 -3.19	29.03 1.86 -5.31	29.29 1.90 -5.05	31.61 1.73 -7.36	32.96 1.75 -7.52	33.40 1.73 -7.28	35.21 1.95 -7.29	34.45 1.77 -5.05	37.85 1.68 -7.18	41.40 2.20 -3.11	42.89 3.05 -1.27	42.10 2.83 -0.54	41.55 2.04 -3.09	41.04 1.60 -8.02	36.66 1.48 -6.13	33.26 1.45 -6.71	32.76 1.39 -8.28
NPX_GEN_CSC 323557	32.57 3.05 -6.94	28.73 2.61 -5.41	25.66 2.31 -4.58	19.70 2.10 -0.05	19.48 1.99 -0.62	20.71 2.10 -0.68	22.22 2.29 0.00	26.93 2.71 -3.19	30.26 3.08 -5.31	30.52 3.13 -5.05	33.24 3.02 -7.70	34.46 3.25 -7.52	40.05 3.37 -12.29	48.18 3.53 -18.68	65.56 3.81 -34.11	87.86 3.91 -54.96	133.76 4.91 -92.77	141.30 5.75 -96.99	139.24 5.70 -94.81	133.05 4.59 -92.04	128.86 3.89 -93.55	73.54 3.75 -40.74	47.07 3.34 -18.64	34.54 3.12 -8.34
NSINS_S_GLNS_FALLS 23858	24.00 1.42 0.00	21.87 1.16 0.00	19.76 0.99 0.00	18.40 0.86 0.00	17.76 0.89 0.00	18.90 0.97 0.00	21.13 1.20 0.00	22.31 1.28 0.00	23.33 1.46 0.00	23.79 1.45 0.00	23.76 1.24 0.00	25.02 1.33 0.00	25.49 1.10 0.00	27.27 1.30 0.00	29.10 1.46 0.00	30.52 1.54 0.17	37.89 1.98 0.00	41.11 2.55 0.00	41.72 2.98 0.00	39.04 2.62 0.00	33.74 2.32 0.00	31.38 2.32 0.00	26.87 1.78 0.00	24.61 1.52 0.00
NUCOR_STEEL__DRP 24197	23.03 0.45 0.00	21.06 0.35 0.00	19.07 0.30 0.00	17.90 0.35 0.00	17.22 0.35 0.00	18.33 0.39 0.00	20.37 0.44 0.00	21.51 0.48 0.00	22.54 0.68 0.00	23.01 0.67 0.00	23.26 0.74 0.00	24.57 0.88 0.00	25.37 0.98 0.00	26.91 0.93 0.00	28.66 1.02 0.00	30.17 1.19 0.00	37.38 1.30 0.00	39.69 1.12 0.00	39.86 1.12 0.00	37.37 0.95 0.00	32.26 0.85 0.00	29.81 0.76 0.00	25.72 0.63 0.00	23.67 0.58 0.00
NUMBER_THREE_WT_PWR 323818	22.38 -0.20 0.00	20.54 -0.17 0.00	18.66 -0.11 0.00	17.58 0.04 0.00	16.90 0.03 0.00	17.95 0.02 0.00	19.85 -0.08 0.00	20.94 -0.08 0.00	21.69 -0.18 0.00	22.11 -0.22 0.00	22.41 -0.11 0.00	23.53 -0.16 0.00	24.22 -0.17 0.00	25.53 -0.44 0.00	27.14 -0.50 0.00	28.58 -0.41 0.00	35.72 -0.36 0.00	38.72 0.15 0.00	39.08 0.35 0.00	36.93 0.51 0.00	31.82 0.41 0.00	29.34 0.29 0.00	25.27 0.18 0.00	23.23 0.14 0.00
NYISO_LBMP_REFERENCE 24008	22.58 0.00 0.00	20.71 0.00 0.00	18.77 0.00 0.00	17.54 0.00 0.00	16.86 0.00 0.00	17.93 0.00 0.00	19.93 0.00 0.00	21.03 0.00 0.00	21.86 0.00 0.00	22.34 0.00 0.00	22.52 0.00 0.00	23.69 0.00 0.00	24.39 0.00 0.00	25.97 0.00 0.00	27.63 0.00 0.00	28.98 0.00 0.00	36.08 0.00 0.00	38.57 0.00 0.00	38.74 0.00 0.00	36.42 0.00 0.00	31.42 0.00 0.00	29.05 0.00 0.00	25.09 0.00 0.00	23.09 0.00 0.00
NYPA_BRENTWD__GT 24164	32.23 2.71 -6.94	28.46 2.34 -5.41	25.39 2.05 -4.58	19.48 1.88 -0.05	19.26 1.77 -0.62	20.48 1.87 -0.68	22.01 2.07 0.00	26.67 2.46 -3.19	29.97 2.80 -5.31	30.25 2.86 -5.05	33.01 2.79 -7.70	34.17 2.96 -7.52	35.71 3.05 -8.27	41.70 3.19 -12.53	71.77 3.31 -40.82	49.29 3.27 -17.03	61.69 4.00 -21.60	64.32 4.74 -21.01	63.39 4.69 -19.97	61.46 3.61 -21.43	60.15 3.08 -25.65	45.48 3.17 -13.26	49.41 2.96 -21.35	34.15 2.77 -8.29
NYPA_GOWANUS__GT5 24156	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NYPA_GOWANUS__GT6 24157	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.04 1.18 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.87 2.01 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.31 2.56 -2.36	32.82 2.68 -4.17	31.02 2.99 -0.40	31.97 2.99 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.41 0.00	39.55 3.13 0.00	34.05 2.64 0.00	31.67 2.62 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02
NYPA_HARLEM_RVR_GT1 24160	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.12 1.20 0.01	22.56 1.53 0.00	23.71 1.86 0.01	24.27 1.94 0.01	24.54 2.03 0.00	25.88 2.18 -0.01	26.69 2.29 -0.01	28.37 2.39 -0.01	30.29 2.65 -0.01	31.62 2.64 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	43.08 4.34 -0.01	39.44 3.02 0.00	33.87 2.45 0.00	31.61 2.56 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
NYPA_HARLEM_RVR_GT2 24161	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.12 1.20 0.01	22.56 1.53 0.00	23.71 1.86 0.01	24.27 1.94 0.01	24.54 2.03 0.00	25.88 2.18 -0.01	26.69 2.29 -0.01	28.37 2.39 -0.01	30.29 2.65 -0.01	31.62 2.64 0.00	39.85 3.61 -0.15	42.97 4.40 -0.01	43.08 4.34 -0.01	39.44 3.02 0.00	33.87 2.45 0.00	31.61 2.56 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
NYPA_KENT__GT 24152	24.57 1.99 0.00	22.37 1.66 0.00	20.20 1.43 0.00	18.79 1.25 0.00	18.01 1.15 0.00	19.08 1.15 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.85 1.99 0.00	24.46 2.12 0.00	24.73 2.21 0.00	31.00 2.39 -4.92	28.42 2.51 -1.51	31.27 2.62 -2.68	30.79 2.90 -0.26	31.88 2.90 0.00	39.88 3.64 -0.16	43.01 4.43 -0.01	43.03 4.30 0.00	39.44 3.02 0.00	33.96 2.54 0.00	31.61 2.56 0.00	27.36 2.26 -0.01	25.18 2.08 -0.01
NYPA_POUCH1__GT 24155	24.62 2.03 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.02 1.16 0.00	19.08 1.15 0.00	21.19 1.26 0.00	22.63 1.60 0.00	23.81 1.95 0.00	24.44 2.10 0.00	24.70 2.18 0.00	35.69 2.37 -9.63	29.85 2.49 -2.97	33.85 2.62 -5.25	30.86 2.93 -0.30	31.91 2.93 0.00	39.87 3.64 -0.15	43.04 4.47 0.00	43.07 4.34 0.00	39.44 3.02 0.00	34.00 2.58 0.00	31.64 2.58 0.00	27.37 2.26 -0.02	25.21 2.10 -0.02
NYPA_VERNON__GT2 24162	24.50 1.92 0.00	22.31 1.59 0.00	20.14 1.37 0.00	18.74 1.19 0.00	17.97 1.11 0.00	19.06 1.13 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.83 1.97 0.00	24.42 2.08 0.00	24.68 2.16 0.00	28.22 2.35 -2.18	27.52 2.46 -0.67	29.70 2.55 -1.19	30.56 2.82 -0.11	31.80 2.81 0.00	39.85 3.61 -0.16	42.93 4.36 -0.01	42.92 4.18 0.00	39.41 2.99 0.00	33.87 2.45 0.00	31.52 2.47 0.00	27.28 2.18 0.00	25.12 2.03 0.00

NYPA_VERNON____GT3 24163	24.50 1.92 0.00	22.31 1.59 0.00	20.14 1.37 0.00	18.74 1.19 0.00	17.97 1.11 0.00	19.06 1.13 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.83 1.97 0.00	24.42 2.08 0.00	24.68 2.16 0.00	28.22 2.35 -2.18	27.52 2.46 -0.67	29.70 2.55 -1.19	30.56 2.82 -0.11	31.80 2.81 0.00	39.85 3.61 -0.16	42.93 4.36 -0.01	42.92 4.18 0.00	39.41 2.99 0.00	33.87 2.45 0.00	31.52 2.47 0.00	27.28 2.18 0.00	25.12 2.03 0.00
NYPA____ASTORIA_CC1 323568	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.62 1.60 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.13 2.42 -0.33	29.05 2.49 -0.58	30.45 2.76 -0.05	31.74 2.75 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.88 4.15 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
NYPA____ASTORIA_CC2 323569	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.62 1.60 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.63 2.12 0.00	27.07 2.30 -1.08	27.13 2.42 -0.33	29.05 2.49 -0.58	30.45 2.76 -0.05	31.74 2.75 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.88 4.15 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
NYPA____HOLTSVILL 23794	32.21 2.69 -6.94	28.44 2.32 -5.41	25.38 2.03 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.93 2.75 -5.31	30.20 2.81 -5.05	32.90 2.68 -7.70	34.07 2.87 -7.52	39.52 2.93 -12.20	47.51 3.04 -18.50	64.60 3.23 -33.73	86.48 3.30 -54.19	131.51 4.11 -91.32	138.87 4.86 -95.44	136.82 4.80 -93.29	130.78 3.75 -90.61	126.79 3.21 -92.17	72.35 3.11 -40.18	46.41 2.83 -18.48	34.13 2.70 -8.34
NYPA____HELLGATE_GT1 24158	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.12 1.20 0.01	22.52 1.49 0.00	23.67 1.81 0.01	24.23 1.90 0.01	24.52 2.00 0.00	25.83 2.13 -0.01	26.67 2.27 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.56 2.58 0.00	39.81 3.57 -0.15	42.93 4.36 -0.01	43.04 4.30 -0.01	39.44 3.02 0.00	33.83 2.42 0.00	31.61 2.56 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
NYPA____HELLGATE_GT2 24159	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.81 1.26 0.00	18.05 1.18 -0.01	19.05 1.11 0.00	21.12 1.20 0.01	22.52 1.49 0.00	23.67 1.81 0.01	24.23 1.90 0.01	24.52 2.00 0.00	25.83 2.13 -0.01	26.67 2.27 -0.01	28.34 2.36 -0.01	30.24 2.60 -0.01	31.56 2.58 0.00	39.81 3.57 -0.15	42.93 4.36 -0.01	43.04 4.30 -0.01	39.44 3.02 0.00	33.83 2.42 0.00	31.61 2.56 0.00	27.38 2.28 -0.01	25.20 2.10 -0.01
NYS_BARGE____HYD 23848	22.94 0.36 0.00	20.90 0.19 0.00	19.03 0.26 0.00	17.84 0.30 0.00	17.22 0.35 0.00	18.33 0.39 0.00	20.13 0.20 0.00	20.88 -0.15 0.00	21.62 -0.24 0.00	22.38 0.04 0.00	22.54 0.02 0.00	23.93 0.24 0.00	24.49 0.10 0.00	26.02 0.05 0.00	27.63 0.00 0.00	28.98 0.00 0.00	35.47 -0.61 0.00	38.11 -0.46 0.00	38.39 -0.35 0.00	36.09 -0.33 0.00	31.45 0.03 0.00	29.20 0.15 0.00	25.39 0.30 0.00	23.69 0.60 0.00
OAK ORCHARD____HYD 24046	23.06 0.47 0.00	21.06 0.35 0.00	19.07 0.30 0.00	17.86 0.32 0.00	17.18 0.32 0.00	18.31 0.38 0.00	20.29 0.36 0.00	21.30 0.27 0.00	22.10 0.24 0.00	22.69 0.36 0.00	22.90 0.38 0.00	24.24 0.55 0.00	24.93 0.54 0.00	26.57 0.60 0.00	28.21 0.58 0.00	29.62 0.64 0.00	36.55 0.47 0.00	39.26 0.69 0.00	39.47 0.73 0.00	37.08 0.66 0.00	32.08 0.66 0.00	29.66 0.61 0.00	25.67 0.58 0.00	23.73 0.65 0.00
OAKDALE____35_KV_LOAD 356122	23.06 0.47 0.00	21.08 0.37 0.00	19.11 0.34 0.00	17.88 0.33 0.00	17.22 0.35 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.47 0.44 0.00	22.32 0.46 0.00	22.83 0.49 0.00	23.04 0.52 0.00	24.31 0.62 0.00	25.07 0.68 0.00	26.62 0.65 0.00	28.35 0.72 0.00	29.77 0.78 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.82 1.08 0.00	37.22 0.80 0.00	32.23 0.82 0.00	29.81 0.76 0.00	25.74 0.65 0.00	23.71 0.62 0.00
OCC_CHEM____DRP 24175	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.88 0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.46 -0.57 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	24.20 -0.20 0.00	25.43 -0.55 0.00	27.05 -0.58 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.15 -1.27 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
OH_GEN_PROXY 24063	22.72 0.14 0.00	20.71 0.00 0.00	18.84 0.08 0.00	17.65 0.11 0.00	17.03 0.17 0.00	18.13 0.20 0.00	19.99 0.06 0.00	20.71 -0.31 0.00	21.47 -0.39 0.00	22.16 -0.18 0.00	22.29 -0.23 0.00	23.67 -0.02 0.00	24.22 -0.17 0.00	25.76 -0.21 0.00	27.36 -0.28 0.00	28.69 -0.29 0.00	35.11 -0.97 0.00	37.72 -0.85 0.00	37.96 -0.77 0.00	35.66 -0.77 0.00	31.07 -0.34 0.00	28.85 -0.20 0.00	25.12 0.03 0.00	23.46 0.37 0.00
OLIN_CORP_DRP 24177	22.63 0.05 0.00	20.61 -0.10 0.00	18.79 0.02 0.00	17.63 0.09 0.00	17.01 0.15 0.00	18.11 0.18 0.00	19.83 -0.10 0.00	20.54 -0.48 0.00	21.27 -0.59 0.00	22.00 -0.34 0.00	22.13 -0.38 0.00	23.50 -0.19 0.00	24.32 -0.07 0.00	25.56 -0.42 0.00	27.22 -0.41 0.00	28.46 -0.52 0.00	34.82 -1.26 0.00	37.41 -1.16 0.00	37.65 -1.08 0.00	35.37 -1.06 0.00	30.88 -0.53 0.00	28.68 -0.38 0.00	24.97 -0.13 0.00	23.32 0.23 0.00
OLIN_CORP_DSASP 323712	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.85 -0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.44 -0.59 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	23.93 -0.46 0.00	25.42 -0.55 0.00	27.00 -0.63 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.18 -1.24 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
ONEIDA_HERK_LFGE 323681	22.74 0.16 0.00	20.86 0.15 0.00	18.90 0.13 0.00	17.74 0.19 0.00	17.05 0.19 0.00	18.13 0.20 0.00	20.13 0.20 0.00	21.26 0.23 0.00	22.06 0.20 0.00	22.52 0.18 0.00	22.83 0.32 0.00	24.00 0.31 0.00	24.69 0.29 0.00	26.15 0.18 0.00	27.80 0.17 0.00	29.27 0.29 0.00	36.52 0.43 0.00	39.34 0.77 0.00	39.63 0.89 0.00	37.29 0.87 0.00	32.14 0.72 0.00	29.63 0.58 0.00	25.52 0.43 0.00	23.46 0.37 0.00
ONEIDA____115KV_TB4 55905	23.08 0.50 0.00	21.15 0.43 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.23 0.37 0.00	18.36 0.43 0.00	20.41 0.48 0.00	21.57 0.55 0.00	22.39 0.52 0.00	22.85 0.51 0.00	23.17 0.65 0.00	24.36 0.66 0.00	25.10 0.71 0.00	26.65 0.68 0.00	28.35 0.72 0.00	29.88 0.90 0.00	37.20 1.12 0.00	40.00 1.43 0.00	40.25 1.51 0.00	37.81 1.38 0.00	32.61 1.19 0.00	30.04 0.99 0.00	25.87 0.78 0.00	23.76 0.67 0.00

ONONDAGA_REF_OCCRA 23987	22.69 0.11 0.00	20.75 0.04 0.00	18.81 0.04 0.00	17.61 0.07 0.00	16.95 0.08 0.00	18.04 0.11 0.00	20.07 0.14 0.00	21.17 0.15 0.00	21.95 0.09 0.00	22.43 0.09 0.00	22.67 0.16 0.00	23.93 0.24 0.00	24.68 0.29 0.00	26.18 0.21 0.00	27.85 0.22 0.00	29.27 0.29 0.00	36.34 0.25 0.00	39.03 0.46 0.00	39.16 0.43 0.00	36.71 0.29 0.00	31.67 0.25 0.00	29.26 0.20 0.00	25.29 0.20 0.00	23.27 0.18 0.00
ONONDAGA___COGEN 23986	22.76 0.18 0.00	20.81 0.10 0.00	18.86 0.09 0.00	17.67 0.12 0.00	17.00 0.13 0.00	18.09 0.16 0.00	20.13 0.20 0.00	21.24 0.21 0.00	21.97 0.11 0.00	22.45 0.11 0.00	22.67 0.16 0.00	23.93 0.24 0.00	24.68 0.29 0.00	26.21 0.23 0.00	27.88 0.25 0.00	29.27 0.29 0.00	36.34 0.25 0.00	39.07 0.50 0.00	39.20 0.46 0.00	36.75 0.33 0.00	31.73 0.31 0.00	29.31 0.26 0.00	25.32 0.23 0.00	23.30 0.21 0.00
ONTARIO___LFGE 23819	23.12 0.54 0.00	21.10 0.39 0.00	19.11 0.34 0.00	17.93 0.39 0.00	17.27 0.40 0.00	18.42 0.48 0.00	20.49 0.56 0.00	21.57 0.55 0.00	22.52 0.66 0.00	23.05 0.71 0.00	23.35 0.83 0.00	24.71 1.02 0.00	25.44 1.05 0.00	27.04 1.07 0.00	28.74 1.11 0.00	30.23 1.25 0.00	37.24 1.15 0.00	39.77 1.20 0.00	40.01 1.28 0.00	37.51 1.09 0.00	32.58 1.16 0.00	30.13 1.08 0.00	25.97 0.88 0.00	23.90 0.81 0.00
ORANGEVILLE_WT_PWR 323706	22.99 0.41 0.00	20.96 0.25 0.00	19.07 0.30 0.00	17.88 0.33 0.00	17.23 0.37 0.00	18.36 0.43 0.00	20.29 0.36 0.00	21.13 0.11 0.00	21.93 0.07 0.00	22.65 0.31 0.00	22.81 0.29 0.00	24.19 0.50 0.00	24.78 0.39 0.00	26.34 0.36 0.00	27.94 0.30 0.00	29.36 0.38 0.00	35.94 -0.14 0.00	38.68 0.12 0.00	39.01 0.27 0.00	36.60 0.18 0.00	31.92 0.50 0.00	29.60 0.55 0.00	25.67 0.58 0.00	23.85 0.76 0.00
ORANGEVILLE___ESR 323794	22.99 0.41 0.00	20.96 0.25 0.00	19.07 0.30 0.00	17.88 0.33 0.00	17.23 0.37 0.00	18.36 0.43 0.00	20.29 0.36 0.00	21.13 0.11 0.00	21.93 0.07 0.00	22.65 0.31 0.00	22.81 0.29 0.00	24.19 0.50 0.00	24.78 0.39 0.00	26.34 0.36 0.00	27.94 0.30 0.00	29.36 0.38 0.00	35.94 -0.14 0.00	38.68 0.12 0.00	39.01 0.27 0.00	36.60 0.18 0.00	31.92 0.50 0.00	29.60 0.55 0.00	25.67 0.58 0.00	23.85 0.76 0.00
OSWEGATCHIE___HYD 24044	21.81 -0.77 0.00	20.09 -0.62 0.00	18.30 -0.47 0.00	17.17 -0.37 0.00	16.49 -0.37 0.00	17.43 -0.50 0.00	19.13 -0.80 0.00	20.19 -0.84 0.00	20.92 -0.94 0.00	21.36 -0.98 0.00	21.57 -0.94 0.00	22.63 -1.07 0.00	23.29 -1.10 0.00	24.70 -1.27 0.00	26.28 -1.35 0.00	27.62 -1.36 0.00	34.57 -1.51 0.00	37.10 -1.47 0.00	37.38 -1.36 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.53 -0.55 0.00
OSWEGO___5 23606	22.33 -0.25 0.00	20.44 -0.27 0.00	18.54 -0.22 0.00	17.35 -0.19 0.00	16.69 -0.17 0.00	17.75 -0.18 0.00	19.73 -0.20 0.00	20.82 -0.21 0.00	21.56 -0.31 0.00	22.03 -0.31 0.00	22.22 -0.29 0.00	23.43 -0.26 0.00	24.12 -0.27 0.00	25.66 -0.31 0.00	27.27 -0.36 0.00	28.64 -0.35 0.00	35.58 -0.51 0.00	38.15 -0.42 0.00	38.31 -0.43 0.00	35.95 -0.47 0.00	31.04 -0.38 0.00	28.71 -0.35 0.00	24.79 -0.30 0.00	22.84 -0.25 0.00
OSWEGO___6 23613	22.33 -0.25 0.00	20.44 -0.27 0.00	18.54 -0.22 0.00	17.35 -0.19 0.00	16.69 -0.17 0.00	17.75 -0.18 0.00	19.73 -0.20 0.00	20.82 -0.21 0.00	21.56 -0.31 0.00	22.03 -0.31 0.00	22.22 -0.29 0.00	23.43 -0.26 0.00	24.12 -0.27 0.00	25.66 -0.31 0.00	27.27 -0.36 0.00	28.64 -0.35 0.00	35.58 -0.51 0.00	38.15 -0.42 0.00	38.31 -0.43 0.00	35.95 -0.47 0.00	31.04 -0.38 0.00	28.71 -0.35 0.00	24.79 -0.30 0.00	22.84 -0.25 0.00
OUTOKUMPU-AB___DRP 24206	23.06 0.47 0.00	20.98 0.27 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.32 0.46 0.00	18.42 0.48 0.00	20.25 0.32 0.00	21.03 0.00 0.00	21.80 -0.07 0.00	22.58 0.25 0.00	22.72 0.20 0.00	24.17 0.47 0.00	25.00 0.61 0.00	26.26 0.29 0.00	27.94 0.30 0.00	29.25 0.26 0.00	35.76 -0.32 0.00	38.45 -0.12 0.00	38.70 -0.04 0.00	36.35 -0.07 0.00	31.73 0.31 0.00	29.43 0.38 0.00	25.57 0.48 0.00	23.85 0.76 0.00
OXBOW___ 24026	22.81 0.23 0.00	20.77 0.06 0.00	18.94 0.17 0.00	17.74 0.19 0.00	17.10 0.24 0.00	18.22 0.29 0.00	20.05 0.12 0.00	20.78 -0.25 0.00	21.54 -0.33 0.00	22.29 -0.04 0.00	22.43 -0.09 0.00	23.84 0.14 0.00	24.39 0.00 0.00	25.92 -0.05 0.00	27.52 -0.11 0.00	28.87 -0.12 0.00	35.26 -0.83 0.00	37.91 -0.66 0.00	38.16 -0.58 0.00	35.88 -0.55 0.00	31.29 -0.13 0.00	29.05 0.00 0.00	25.27 0.18 0.00	23.60 0.51 0.00
OXY_CHEM_DSASP 323612	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.88 0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.46 -0.57 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	24.20 -0.20 0.00	25.43 -0.55 0.00	27.05 -0.58 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.15 -1.27 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
OZONE_PARK_ESR 323760	24.64 2.05 0.00	22.43 1.72 0.00	20.23 1.46 0.00	18.82 1.28 0.00	18.03 1.16 0.00	19.19 1.26 0.00	21.43 1.49 0.00	22.86 1.83 0.00	24.03 2.16 0.00	24.59 2.26 0.00	24.84 2.32 0.00	26.18 2.49 0.00	26.95 2.56 0.00	28.67 2.70 0.00	30.59 2.96 0.00	32.00 3.01 0.00	40.09 3.86 -0.15	43.24 4.67 0.00	43.27 4.53 0.00	39.74 3.31 0.00	34.12 2.70 0.00	31.70 2.64 0.00	27.45 2.36 0.00	25.26 2.17 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.88 0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.46 -0.57 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	24.20 -0.20 0.00	25.43 -0.55 0.00	27.05 -0.58 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.15 -1.27 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
PACKARD__115KV_DUPONT_184 80571	22.47 -0.11 0.00	20.48 -0.23 0.00	18.66 -0.11 0.00	17.47 -0.07 0.00	16.88 0.02 0.00	17.95 0.02 0.00	19.75 -0.18 0.00	20.46 -0.57 0.00	21.16 -0.70 0.00	21.89 -0.45 0.00	22.00 -0.52 0.00	23.38 -0.31 0.00	24.20 -0.20 0.00	25.43 -0.55 0.00	27.05 -0.58 0.00	28.29 -0.70 0.00	34.60 -1.48 0.00	37.18 -1.39 0.00	37.42 -1.32 0.00	35.15 -1.27 0.00	30.66 -0.75 0.00	28.50 -0.55 0.00	24.84 -0.25 0.00	23.23 0.14 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.58 1.99 -0.01	22.38 1.66 -0.01	20.20 1.43 -0.01	18.79 1.25 0.00	18.03 1.16 -0.01	19.06 1.13 0.00	21.13 1.20 0.00	22.58 1.56 0.00	23.72 1.86 0.00	24.30 1.97 0.00	24.57 2.05 0.00	25.90 2.20 -0.01	26.67 2.27 -0.01	28.39 2.42 -0.01	30.29 2.65 -0.01	31.74 2.75 0.00	39.85 3.61 -0.15	42.93 4.36 -0.01	42.97 4.22 -0.01	39.48 3.06 0.00	33.83 2.42 0.00	31.58 2.53 0.00	27.36 2.26 -0.01	25.20 2.10 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.82 2.24 -0.01	22.60 1.88 -0.01	20.39 1.61 -0.01	18.97 1.42 0.00	18.20 1.33 -0.01	19.24 1.31 0.00	21.33 1.40 0.00	22.77 1.75 0.00	23.92 2.06 0.00	24.50 2.17 0.00	24.88 2.36 0.00	26.24 2.54 -0.01	27.01 2.61 -0.01	28.60 2.62 -0.01	30.52 2.87 -0.01	32.00 3.01 0.00	40.17 3.93 -0.15	43.32 4.74 -0.01	43.35 4.61 -0.01	39.85 3.42 0.00	34.15 2.73 0.00	31.90 2.85 0.00	27.63 2.53 -0.01	25.45 2.36 -0.01
PATROON__115KV_TB1 80586	23.42 0.84 0.00	21.37 0.66 0.00	19.31 0.54 0.00	18.07 0.53 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.76 0.74 0.00	22.72 0.85 0.00	23.21 0.87 0.00	23.37 0.86 0.00	24.62 0.92 0.00	25.32 0.93 0.00	26.98 1.01 0.00	28.74 1.11 0.00	30.11 1.13 0.00	37.36 1.44 0.16	40.42 1.85 0.00	40.63 1.90 0.00	37.84 1.42 0.00	32.64 1.23 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.90 0.81 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.10 0.52 0.00	21.04 0.33 0.00	19.18 0.41 0.00	17.97 0.42 0.00	17.35 0.49 0.00	18.47 0.54 0.00	20.37 0.44 0.00	21.20 0.17 0.00	22.00 0.13 0.00	22.78 0.45 0.00	22.97 0.45 0.00	24.40 0.71 0.00	25.27 0.88 0.00	26.57 0.60 0.00	28.27 0.64 0.00	29.65 0.67 0.00	36.30 0.22 0.00	39.03 0.46 0.00	39.28 0.54 0.00	36.79 0.36 0.00	32.17 0.75 0.00	29.84 0.78 0.00	25.85 0.75 0.00	24.01 0.92 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.28 1.69 0.00	22.10 1.39 0.00	19.99 1.22 0.00	18.60 1.05 0.00	17.79 0.93 0.00	18.94 1.00 0.00	21.15 1.22 0.00	22.54 1.51 0.00	23.63 1.77 0.00	24.17 1.83 0.00	24.36 1.85 0.00	25.64 1.94 0.00	26.42 2.02 0.00	28.13 2.16 0.00	30.04 2.40 0.00	31.48 2.49 0.00	39.42 3.21 -0.13	42.54 3.97 0.00	42.61 3.87 0.00	39.34 2.91 0.00	33.90 2.48 0.00	31.35 2.30 0.00	27.02 1.93 0.00	24.84 1.75 0.00
PEEKSKILL____ 23653	24.16 1.58 0.00	22.02 1.31 0.00	19.87 1.11 0.00	18.51 0.96 0.00	17.76 0.89 0.00	18.88 0.95 0.00	21.09 1.16 0.00	22.44 1.41 0.00	23.55 1.68 0.00	24.08 1.74 0.00	24.27 1.76 0.00	25.54 1.85 0.00	26.34 1.95 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.25 2.26 0.00	39.15 2.92 -0.14	42.16 3.59 0.00	42.18 3.45 0.00	38.86 2.44 0.00	33.52 2.11 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.68 1.59 0.00
PGE MADISON__WINDPWR 24146	23.98 1.40 0.00	21.95 1.24 0.00	19.91 1.14 0.00	18.63 1.09 0.00	17.93 1.06 0.00	19.15 1.22 0.00	21.35 1.42 0.00	22.52 1.49 0.00	23.33 1.47 0.00	23.70 1.36 0.00	24.00 1.49 0.00	25.16 1.47 0.00	25.86 1.46 0.00	27.61 1.64 0.00	29.38 1.74 0.00	31.25 2.26 0.00	38.93 2.85 0.00	42.00 3.43 0.00	42.57 3.84 0.00	40.10 3.68 0.00	34.71 3.30 0.00	31.93 2.88 0.00	27.32 2.23 0.00	25.03 1.94 0.00
PIERCEFIELD__HYD 23852	21.47 -1.11 0.00	19.84 -0.87 0.00	18.13 -0.64 0.00	16.97 -0.58 0.00	16.29 -0.57 0.00	17.11 -0.82 0.00	18.66 -1.28 0.00	19.70 -1.32 0.00	20.44 -1.42 0.00	20.89 -1.45 0.00	21.08 -1.44 0.00	22.08 -1.61 0.00	22.68 -1.71 0.00	24.18 -1.79 0.00	25.73 -1.91 0.00	27.01 -1.97 0.00	33.77 -2.31 0.00	35.95 -2.62 0.00	36.14 -2.60 0.00	34.49 -1.93 0.00	29.69 -1.73 0.00	27.43 -1.63 0.00	23.81 -1.28 0.00	22.10 -0.99 0.00
PINELAWN_CC_1 323563	32.03 2.51 -6.94	28.28 2.15 -5.41	25.22 1.88 -4.58	19.30 1.70 -0.05	19.09 1.60 -0.62	20.32 1.70 -0.68	21.83 1.89 0.00	26.51 2.29 -3.19	29.78 2.60 -5.31	30.05 2.66 -5.05	32.81 2.59 -7.70	33.96 2.75 -7.52	34.81 2.88 -7.54	37.53 3.01 -8.55	43.18 3.01 -12.53	42.14 3.01 -10.14	48.43 3.68 -8.67	50.20 4.43 -7.20	49.49 4.38 -6.37	48.34 3.31 -8.60	47.53 2.79 -13.32	40.20 2.88 -8.27	37.68 2.81 -9.77	34.00 2.63 -8.28
PJM_GEN_HTP_PROXY 323702	24.34 1.76 0.00	22.16 1.45 0.00	20.01 1.24 0.00	18.63 1.09 0.00	17.86 0.99 0.00	18.99 1.06 0.00	21.21 1.28 0.00	22.62 1.60 0.00	23.77 1.90 0.00	24.33 1.99 0.00	24.57 2.05 0.00	25.87 2.18 0.00	26.68 2.29 0.00	28.33 2.36 0.00	30.26 2.63 0.00	31.59 2.61 0.00	39.62 3.39 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.74 2.32 0.00	31.32 2.27 0.00	27.12 2.03 0.00	24.96 1.87 0.00
PJM_GEN_KEystone 24065	23.44 0.86 0.00	21.37 0.66 0.00	19.35 0.58 0.00	18.07 0.53 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.57 0.64 0.00	21.68 0.65 0.00	22.65 0.79 0.00	23.23 0.89 0.00	23.42 0.90 0.00	24.73 1.04 0.00	25.44 1.05 0.00	27.06 1.09 0.00	28.82 1.19 0.00	30.17 1.19 0.00	37.50 1.34 -0.08	40.31 1.74 0.00	40.40 1.66 0.00	37.44 1.02 0.00	32.48 1.07 0.00	30.13 1.08 0.00	26.07 0.98 0.00	24.08 0.99 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.58 2.05 -6.94	27.86 1.74 -5.41	24.87 1.52 -4.58	18.95 1.35 -0.05	18.75 1.27 -0.62	19.96 1.35 -0.68	21.45 1.51 0.00	26.08 1.87 -3.19	29.34 2.17 -5.31	29.62 2.23 -5.05	32.38 2.16 -7.70	33.51 2.30 -7.52	33.87 2.42 -7.06	35.93 2.49 -7.46	37.46 2.71 -7.12	38.78 2.75 -7.04	42.44 3.50 -2.85	43.77 4.20 -0.99	43.10 4.10 -0.26	42.31 3.06 -2.83	41.76 2.58 -7.77	37.58 2.50 -6.02	34.93 2.28 -7.56	33.52 2.15 -8.28
PJM_GEN_VFT_PROXY 323633	24.25 1.67 0.00	22.08 1.37 0.00	19.91 1.14 0.00	18.54 1.00 0.00	17.77 0.91 0.00	18.90 0.97 0.00	21.13 1.20 0.00	22.54 1.51 0.00	23.70 1.84 0.00	24.26 1.92 0.00	24.52 2.00 0.00	25.83 2.13 0.00	26.63 2.24 0.00	28.28 2.31 0.00	30.17 2.54 0.00	31.48 2.49 0.00	39.41 3.18 -0.15	42.50 3.94 0.00	42.49 3.76 0.00	39.01 2.59 0.00	33.55 2.14 0.00	31.20 2.15 0.00	27.05 1.96 0.00	24.89 1.80 0.00
PLATSBRG_115KV_PMLD1 355749	21.36 -1.22 0.00	19.72 -0.99 0.00	17.89 -0.88 0.00	16.70 -0.84 0.00	16.04 -0.83 0.00	16.98 -0.95 0.00	18.86 -1.08 0.00	20.06 -0.97 0.00	20.90 -0.96 0.00	21.31 -1.03 0.00	21.32 -1.19 0.00	22.22 -1.47 0.00	22.83 -1.56 0.00	24.52 -1.45 0.00	26.11 -1.52 0.00	27.39 -1.59 0.00	34.46 -1.62 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.54 -0.88 0.00	28.15 -0.90 0.00	24.19 -0.90 0.00	22.26 -0.83 0.00
PLEASANTVLY__LBMP 24000	24.00 1.42 0.00	21.89 1.18 0.00	19.76 0.99 0.00	18.44 0.89 0.00	17.67 0.81 0.00	18.81 0.88 0.00	20.99 1.06 0.00	22.31 1.28 0.00	23.37 1.51 0.00	23.88 1.54 0.00	24.07 1.55 0.00	25.33 1.63 0.00	26.07 1.68 0.00	27.76 1.79 0.00	29.57 1.93 0.00	30.96 1.97 0.00	38.78 2.53 -0.17	41.69 3.12 0.00	41.76 3.02 0.00	38.61 2.19 0.00	33.24 1.82 0.00	30.80 1.74 0.00	26.62 1.53 0.00	24.52 1.43 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.25 1.67 0.00	22.10 1.39 0.00	19.93 1.16 0.00	18.58 1.04 0.00	17.81 0.94 0.00	18.96 1.02 0.00	21.17 1.24 0.00	22.54 1.51 0.00	23.63 1.77 0.00	24.17 1.83 0.00	24.39 1.87 0.00	25.66 1.97 0.00	26.44 2.05 0.00	28.13 2.16 0.00	30.01 2.38 0.00	31.42 2.43 0.00	39.34 3.10 -0.15	42.35 3.78 0.00	42.38 3.64 0.00	39.08 2.66 0.00	33.65 2.23 0.00	31.17 2.12 0.00	26.97 1.88 0.00	24.82 1.73 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.25 1.67 0.00	22.10 1.39 0.00	19.93 1.16 0.00	18.58 1.04 0.00	17.81 0.94 0.00	18.96 1.02 0.00	21.17 1.24 0.00	22.54 1.51 0.00	23.63 1.77 0.00	24.17 1.83 0.00	24.39 1.87 0.00	25.66 1.97 0.00	26.44 2.05 0.00	28.13 2.16 0.00	30.01 2.38 0.00	31.42 2.43 0.00	39.34 3.10 -0.15	42.35 3.78 0.00	42.38 3.64 0.00	39.08 2.66 0.00	33.65 2.23 0.00	31.17 2.12 0.00	26.97 1.88 0.00	24.82 1.73 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.16 1.58 0.00	22.01 1.30 0.00	19.89 1.13 0.00	18.53 0.98 0.00	17.74 0.88 0.00	18.88 0.95 0.00	21.07 1.14 0.00	22.39 1.37 0.00	23.46 1.60 0.00	23.97 1.63 0.00	24.18 1.67 0.00	25.42 1.73 0.00	26.17 1.78 0.00	27.89 1.92 0.00	29.73 2.10 0.00	31.16 2.17 0.00	38.86 2.81 0.04	42.04 3.47 0.00	42.14 3.41 0.00	38.97 2.55 0.00	33.58 2.17 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.71 1.62 0.00
POLETTI____ 23519	24.37 1.78 0.00	22.18 1.47 0.00	20.01 1.24 0.00	18.63 1.09 0.00	17.86 0.99 0.00	19.01 1.08 0.00	21.21 1.28 0.00	22.63 1.60 0.00	23.79 1.92 0.00	24.33 1.99 0.00	24.57 2.05 0.00	25.90 2.20 0.00	26.66 2.27 0.00	28.36 2.39 0.00	30.26 2.63 0.00	31.62 2.64 0.00	39.59 3.36 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.23 2.80 0.00	33.71 2.29 0.00	31.32 2.27 0.00	27.12 2.03 0.00	24.98 1.89 0.00
POMONA____ESR 323819	24.14 1.56 0.00	21.99 1.28 0.00	19.86 1.09 0.00	18.51 0.96 0.00	17.74 0.88 0.00	18.87 0.93 0.00	21.07 1.14 0.00	22.41 1.39 0.00	23.52 1.66 0.00	24.03 1.70 0.00	24.25 1.73 0.00	25.52 1.82 0.00	26.32 1.93 0.00	27.94 1.97 0.00	29.84 2.21 0.00	31.22 2.23 0.00	39.11 2.89 -0.13	42.08 3.51 0.00	42.10 3.37 0.00	38.79 2.37 0.00	33.46 2.04 0.00	31.00 1.95 0.00	26.77 1.68 0.00	24.64 1.55 0.00
PORT_JEFF_3 23555	32.23 2.71 -6.94	28.44 2.32 -5.41	25.39 2.05 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.95 2.78 -5.31	30.23 2.84 -5.05	32.92 2.70 -7.70	34.12 2.91 -7.52	39.76 2.95 -12.42	47.87 2.99 -18.92	65.16 3.12 -34.41	88.31 3.19 -56.13	134.98 3.93 -94.96	142.45 4.55 -99.33	140.38 4.53 -97.12	134.21 3.57 -94.22	130.11 3.05 -95.65	73.64 2.99 -41.59	46.64 2.78 -18.76	34.18 2.75 -8.34
PORT_JEFF_4 23616	32.23 2.71 -6.94	28.44 2.32 -5.41	25.39 2.05 -4.58	19.46 1.86 -0.05	19.24 1.75 -0.62	20.46 1.85 -0.68	21.97 2.03 0.00	26.65 2.44 -3.19	29.95 2.78 -5.31	30.23 2.84 -5.05	32.92 2.70 -7.70	34.12 2.91 -7.52	39.76 2.95 -12.42	47.87 2.99 -18.92	65.16 3.12 -34.41	88.31 3.19 -56.13	134.98 3.93 -94.96	142.45 4.55 -99.33	140.38 4.53 -97.12	134.21 3.57 -94.22	130.11 3.05 -95.65	73.64 2.99 -41.59	46.64 2.78 -18.76	34.18 2.75 -8.34
PORT_JEFF_IC 23713	32.32 2.80 -6.94	28.52 2.40 -5.41	25.45 2.10 -4.58	19.51 1.91 -0.05	19.29 1.81 -0.62	20.51 1.90 -0.68	22.02 2.09 0.00	26.71 2.50 -3.19	30.04 2.86 -5.31	30.29 2.90 -5.05	33.01 2.79 -7.70	34.22 3.01 -7.52	40.67 3.07 -13.21	49.48 3.09 -20.42	67.41 3.20 -36.58	95.59 3.27 -63.33	148.63 4.08 -108.47	157.03 4.70 -113.75	154.74 4.69 -111.32	147.72 3.68 -107.62	143.09 3.14 -108.53	78.91 3.05 -46.81	47.68 2.93 -19.65	34.28 2.84 -8.35
PPL PILGRIM_ST_GT1 24216	32.23 2.71 -6.94	28.46 2.34 -5.41	25.39 2.05 -4.58	19.48 1.88 -0.05	19.26 1.77 -0.62	20.48 1.87 -0.68	22.01 2.07 0.00	26.67 2.46 -3.19	29.97 2.80 -5.31	30.25 2.86 -5.05	33.01 2.79 -7.70	34.17 2.96 -7.52	35.71 3.05 -8.27	41.70 3.19 -12.53	71.77 3.31 -40.82	49.29 3.27 -17.03	61.69 4.00 -21.60	64.32 4.74 -21.01	63.39 4.69 -19.97	61.46 3.61 -21.43	60.15 3.08 -25.65	45.48 3.17 -13.26	49.41 2.96 -21.35	34.15 2.77 -8.29
PPL PILGRIM_ST_GT2 24217	32.23 2.71 -6.94	28.46 2.34 -5.41	25.39 2.05 -4.58	19.48 1.88 -0.05	19.26 1.77 -0.62	20.48 1.87 -0.68	22.01 2.07 0.00	26.67 2.46 -3.19	29.97 2.80 -5.31	30.25 2.86 -5.05	33.01 2.79 -7.70	34.17 2.96 -7.52	35.71 3.05 -8.27	41.70 3.19 -12.53	71.77 3.31 -40.82	49.29 3.27 -17.03	61.69 4.00 -21.60	64.32 4.74 -21.01	63.39 4.69 -19.97	61.46 3.61 -21.43	60.15 3.08 -25.65	45.48 3.17 -13.26	49.41 2.96 -21.35	34.15 2.77 -8.29
PPL_SHRM_GT3 24213	32.57 3.05 -6.94	28.73 2.61 -5.41	25.66 2.31 -4.58	19.70 2.10 -0.05	19.48 1.99 -0.62	20.71 2.10 -0.68	22.22 2.29 0.00	26.93 2.71 -3.19	30.24 3.06 -5.31	30.49 3.10 -5.05	33.21 3.00 -7.70	34.46 3.25 -7.52	40.28 3.37 -12.52	48.62 3.53 -19.12	66.26 3.81 -34.82	89.92 3.91 -57.03	137.63 4.91 -96.64	145.44 5.75 -101.12	143.35 5.73 -98.88	136.89 4.59 -95.88	132.58 3.93 -97.24	75.04 3.75 -42.24	47.36 3.34 -18.93	34.55 3.12 -8.34
PPL_SHRM_GT4 24214	32.57 3.05 -6.94	28.73 2.61 -5.41	25.66 2.31 -4.58	19.70 2.10 -0.05	19.48 1.99 -0.62	20.71 2.10 -0.68	22.22 2.29 0.00	26.93 2.71 -3.19	30.24 3.06 -5.31	30.49 3.10 -5.05	33.21 3.00 -7.70	34.46 3.25 -7.52	40.28 3.37 -12.52	48.62 3.53 -19.12	66.26 3.81 -34.82	89.92 3.91 -57.03	137.63 4.91 -96.64	145.44 5.75 -101.12	143.35 5.73 -98.88	136.89 4.59 -95.88	132.58 3.93 -97.24	75.04 3.75 -42.24	47.36 3.34 -18.93	34.55 3.12 -8.34
PROJECT___ORANGE 1 24174	22.65 0.07 0.00	20.71 0.00 0.00	18.77 0.00 0.00	17.58 0.04 0.00	16.91 0.05 0.00	17.99 0.05 0.00	20.01 0.08 0.00	21.13 0.11 0.00	21.89 0.02 0.00	22.38 0.04 0.00	22.63 0.11 0.00	23.86 0.17 0.00	24.61 0.22 0.00	26.10 0.13 0.00	27.77 0.14 0.00	29.16 0.17 0.00	36.19 0.11 0.00	38.84 0.27 0.00	38.97 0.23 0.00	36.53 0.11 0.00	31.51 0.09 0.00	29.11 0.06 0.00	25.17 0.08 0.00	23.18 0.09 0.00
PROJECT___ORANGE 2 24166	22.65 0.07 0.00	20.71 0.00 0.00	18.77 0.00 0.00	17.58 0.04 0.00	16.91 0.05 0.00	17.99 0.05 0.00	20.01 0.08 0.00	21.13 0.11 0.00	21.89 0.02 0.00	22.38 0.04 0.00	22.63 0.11 0.00	23.86 0.17 0.00	24.61 0.22 0.00	26.10 0.13 0.00	27.77 0.14 0.00	29.16 0.17 0.00	36.19 0.11 0.00	38.84 0.27 0.00	38.97 0.23 0.00	36.53 0.11 0.00	31.51 0.09 0.00	29.11 0.06 0.00	25.17 0.08 0.00	23.18 0.09 0.00
PUCKETT___SOLAR 323809	23.35 0.77 0.00	21.33 0.62 0.00	19.33 0.56 0.00	18.09 0.54 0.00	17.40 0.54 0.00	18.54 0.61 0.00	20.63 0.70 0.00	21.72 0.69 0.00	22.54 0.68 0.00	22.96 0.62 0.00	23.17 0.65 0.00	24.38 0.69 0.00	25.10 0.71 0.00	26.73 0.75 0.00	28.44 0.80 0.00	29.97 0.99 0.00	37.27 1.19 0.00	40.15 1.58 0.00	40.48 1.74 0.00	37.92 1.49 0.00	32.86 1.45 0.00	30.33 1.28 0.00	26.15 1.05 0.00	24.06 0.97 0.00
PYRITES___HYD 24023	21.84 -0.75 0.00	20.17 -0.54 0.00	18.43 -0.34 0.00	17.25 -0.30 0.00	16.56 -0.30 0.00	17.45 -0.48 0.00	19.10 -0.84 0.00	20.12 -0.90 0.00	20.88 -0.98 0.00	21.33 -1.01 0.00	21.62 -0.90 0.00	22.63 -1.07 0.00	23.25 -1.15 0.00	24.70 -1.27 0.00	26.31 -1.33 0.00	27.65 -1.33 0.00	34.53 -1.55 0.00	36.72 -1.85 0.00	36.91 -1.82 0.00	35.33 -1.09 0.00	30.41 -1.01 0.00	28.07 -0.99 0.00	24.29 -0.80 0.00	22.49 -0.60 0.00

QUAKERRD_115KV_BK1 80622	22.38 -0.20 0.00	20.44 -0.27 0.00	18.50 -0.26 0.00	17.32 -0.23 0.00	16.68 -0.19 0.00	17.75 -0.18 0.00	19.71 -0.22 0.00	20.73 -0.29 0.00	21.51 -0.35 0.00	22.05 -0.29 0.00	22.29 -0.23 0.00	23.55 -0.14 0.00	24.32 -0.07 0.00	25.79 -0.18 0.00	27.47 -0.17 0.00	28.78 -0.20 0.00	35.62 -0.47 0.00	38.18 -0.39 0.00	38.39 -0.35 0.00	36.02 -0.40 0.00	31.13 -0.28 0.00	28.79 -0.26 0.00	24.87 -0.23 0.00	22.97 -0.12 0.00
QUENSBRY_115KV_TB8 356137	24.03 1.45 0.00	21.87 1.16 0.00	19.78 1.01 0.00	18.40 0.86 0.00	17.76 0.89 0.00	18.90 0.97 0.00	21.17 1.24 0.00	22.35 1.32 0.00	23.35 1.49 0.00	23.83 1.50 0.00	23.76 1.24 0.00	25.02 1.33 0.00	25.49 1.10 0.00	27.30 1.32 0.00	29.15 1.52 0.00	30.55 1.57 0.00	37.93 2.02 0.17	41.15 2.58 0.00	41.80 3.06 0.00	39.12 2.70 0.00	33.80 2.39 0.00	31.44 2.38 0.00	26.92 1.83 0.00	24.64 1.55 0.00
RAMAPO___LBMP 323565	24.05 1.47 0.00	21.93 1.22 0.00	19.80 1.03 0.00	18.46 0.91 0.00	17.69 0.83 0.00	18.81 0.88 0.00	21.01 1.08 0.00	22.35 1.32 0.00	23.46 1.60 0.00	23.95 1.61 0.00	24.16 1.64 0.00	25.42 1.73 0.00	26.17 1.78 0.00	27.84 1.87 0.00	29.71 2.07 0.00	31.10 2.12 0.00	38.92 2.71 -0.13	41.89 3.32 0.00	41.95 3.22 0.00	38.64 2.22 0.00	33.33 1.92 0.00	30.88 1.83 0.00	26.70 1.61 0.00	24.54 1.45 0.00
RANKINE____ 23646	23.17 0.59 0.00	21.10 0.39 0.00	19.24 0.47 0.00	18.00 0.46 0.00	17.39 0.52 0.00	18.51 0.57 0.00	20.41 0.48 0.00	21.20 0.17 0.00	21.97 0.11 0.00	22.76 0.42 0.00	22.92 0.41 0.00	24.36 0.66 0.00	25.22 0.83 0.00	26.49 0.52 0.00	28.19 0.55 0.00	29.54 0.55 0.00	36.12 0.04 0.00	38.80 0.23 0.00	39.08 0.35 0.00	36.68 0.25 0.00	32.04 0.63 0.00	29.72 0.67 0.00	25.79 0.70 0.00	24.01 0.92 0.00
RAVENSWOOD_GT2_1 24244	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 0.00	26.68 2.29 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.70 4.13 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	25.01 1.92 0.00
RAVENSWOOD_GT2_2 24245	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 0.00	26.68 2.29 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.70 4.13 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	25.01 1.92 0.00
RAVENSWOOD_GT2_3 24246	24.41 1.83 0.00	22.22 1.51 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.89 1.03 0.00	19.03 1.09 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.61 2.09 0.00	25.92 2.23 0.00	26.68 2.29 0.00	28.41 2.44 0.00	30.29 2.65 0.00	31.68 2.70 0.00	39.66 3.43 -0.15	42.73 4.17 0.00	42.76 4.03 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.18 2.08 0.00	25.01 1.92 0.00
RAVENSWOOD_GT2_4 24247	24.41 1.83 0.00	22.22 1.51 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.89 1.03 0.00	19.03 1.09 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.81 1.95 0.00	24.37 2.03 0.00	24.61 2.09 0.00	25.92 2.23 0.00	26.68 2.29 0.00	28.41 2.44 0.00	30.29 2.65 0.00	31.68 2.70 0.00	39.66 3.43 -0.15	42.73 4.17 0.00	42.76 4.03 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.18 2.08 0.00	25.01 1.92 0.00
RAVENSWOOD_GT3_1 24248	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 0.00	26.68 2.29 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.73 4.17 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	25.01 1.92 0.00
RAVENSWOOD_GT3_2 24249	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 0.00	26.68 2.29 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.73 4.17 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	25.01 1.92 0.00
RAVENSWOOD_GT3_3 24250	24.43 1.85 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.68 1.14 0.00	17.91 1.05 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.69 1.66 0.00	23.83 1.97 0.00	24.39 2.06 0.00	24.63 2.12 0.00	25.94 2.25 0.00	26.73 2.34 0.00	28.44 2.47 0.00	30.34 2.71 0.00	31.71 2.72 0.00	39.73 3.50 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.44 2.38 0.00	27.20 2.11 0.00	25.05 1.96 0.00
RAVENSWOOD_GT3_4 24251	24.43 1.85 0.00	22.24 1.53 0.00	20.06 1.29 0.00	18.68 1.14 0.00	17.91 1.05 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.69 1.66 0.00	23.83 1.97 0.00	24.39 2.06 0.00	24.63 2.12 0.00	25.94 2.25 0.00	26.73 2.34 0.00	28.44 2.47 0.00	30.34 2.71 0.00	31.71 2.72 0.00	39.73 3.50 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.44 2.38 0.00	27.20 2.11 0.00	25.05 1.96 0.00
RAVENSWOOD_GT_1 23729	24.50 1.92 0.00	22.31 1.59 0.00	20.14 1.37 0.00	18.74 1.19 0.00	17.97 1.11 0.00	19.06 1.13 0.00	21.25 1.32 0.00	22.67 1.64 0.00	23.83 1.97 0.00	24.42 2.08 0.00	24.68 2.16 0.00	28.22 2.35 -2.18	27.52 2.46 -0.67	29.70 2.55 -1.19	30.56 2.82 -0.11	31.80 2.81 0.00	39.85 3.61 -0.16	42.93 4.36 -0.01	42.92 4.18 0.00	39.41 2.99 0.00	33.87 2.45 0.00	31.52 2.47 0.00	27.28 2.18 0.00	25.12 2.03 0.00
RAVENSWOOD_GT_10 24258	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.79 2.20 0.11	26.65 2.29 0.03	28.33 2.42 0.06	30.25 2.63 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.69 4.13 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	25.01 1.92 0.00
RAVENSWOOD_GT_11 24259	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.65 1.11 0.00	17.89 1.03 0.00	19.01 1.08 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.79 2.20 0.11	26.68 2.32 0.03	28.33 2.42 0.06	30.28 2.65 0.00	31.65 2.66 0.00	39.62 3.39 -0.15	42.70 4.13 0.00	42.73 3.99 0.00	39.26 2.84 0.00	33.77 2.36 0.00	31.38 2.33 0.00	27.15 2.06 0.00	25.00 1.92 0.00

RAVENSWOOD_GT_4 24252	24.39 1.81 0.00	22.20 1.49 0.00	20.03 1.26 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.25 1.32 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 -0.01	26.67 2.27 -0.01	28.37 2.39 -0.01	30.26 2.63 -0.01	31.62 2.64 0.00	39.62 3.39 -0.14	42.69 4.13 0.01	42.69 3.95 0.00	39.26 2.84 0.00	33.74 2.32 0.00	31.35 2.30 0.00	27.15 2.06 0.00	24.98 1.89 0.00
RAVENSWOOD_GT_5 24254	24.39 1.81 0.00	22.20 1.49 0.00	20.03 1.26 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.25 1.32 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 -0.01	26.67 2.27 -0.01	28.37 2.39 -0.01	30.26 2.63 -0.01	31.62 2.64 0.00	39.62 3.39 -0.14	42.69 4.13 0.01	42.69 3.95 0.00	39.26 2.84 0.00	33.74 2.32 0.00	31.35 2.30 0.00	27.15 2.06 0.00	24.98 1.89 0.00
RAVENSWOOD_GT_6 24253	24.39 1.81 0.00	22.20 1.49 0.00	20.03 1.26 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.25 1.32 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 -0.01	26.67 2.27 -0.01	28.37 2.39 -0.01	30.26 2.63 -0.01	31.62 2.64 0.00	39.62 3.39 -0.14	42.69 4.13 0.01	42.69 3.95 0.00	39.26 2.84 0.00	33.74 2.32 0.00	31.35 2.30 0.00	27.15 2.06 0.00	24.98 1.89 0.00
RAVENSWOOD_GT_7 24255	24.39 1.81 0.00	22.20 1.49 0.00	20.03 1.26 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.25 1.32 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.90 2.20 -0.01	26.67 2.27 -0.01	28.37 2.39 -0.01	30.26 2.63 -0.01	31.62 2.64 0.00	39.62 3.39 -0.14	42.69 4.13 0.01	42.69 3.95 0.00	39.26 2.84 0.00	33.74 2.32 0.00	31.35 2.30 0.00	27.15 2.06 0.00	24.98 1.89 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.79 2.20 0.11	26.65 2.29 0.03	28.33 2.42 0.06	30.25 2.63 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.69 4.13 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	25.01 1.92 0.00
RAVENSWOOD_GT_9 24257	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.65 1.11 0.00	17.87 1.01 0.00	19.01 1.08 0.00	21.23 1.30 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.79 2.20 0.11	26.65 2.29 0.03	28.33 2.42 0.06	30.25 2.63 0.00	31.65 2.67 0.00	39.62 3.39 -0.15	42.69 4.13 0.00	42.73 3.99 0.00	39.30 2.88 0.00	33.77 2.36 0.00	31.38 2.32 0.00	27.15 2.06 0.00	25.01 1.92 0.00
RAVENSWOOD___1 23533	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.74 1.19 0.00	17.96 1.10 0.00	19.05 1.11 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.83 1.97 0.00	24.42 2.08 0.00	24.66 2.14 0.00	27.10 2.32 -1.08	27.16 2.44 -0.33	29.10 2.55 -0.59	30.47 2.79 -0.05	31.77 2.78 0.00	39.81 3.57 -0.15	42.90 4.32 -0.01	42.92 4.18 0.00	39.37 2.95 0.00	33.87 2.45 0.00	31.52 2.47 0.00	27.27 2.18 0.00	25.10 2.01 0.00
RAVENSWOOD___2 23534	24.48 1.90 0.00	22.28 1.57 0.00	20.12 1.35 0.00	18.72 1.18 0.00	17.94 1.08 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.39 2.05 0.00	24.66 2.14 0.00	27.09 2.32 -1.08	27.16 2.44 -0.33	29.07 2.52 -0.58	30.47 2.79 -0.05	31.77 2.78 0.00	39.81 3.57 -0.15	42.90 4.32 -0.01	42.88 4.15 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.10 2.01 0.00
RAVENSWOOD___3 23535	24.39 1.81 0.00	22.22 1.51 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.89 1.03 0.00	19.03 1.09 0.00	21.23 1.29 0.00	22.65 1.62 0.00	23.79 1.92 0.00	24.35 2.01 0.00	24.59 2.07 0.00	25.92 2.23 0.00	26.73 2.34 0.00	28.39 2.42 0.00	30.31 2.68 0.00	31.65 2.66 0.00	39.66 3.43 -0.15	42.74 4.17 0.00	42.73 3.99 0.00	39.26 2.84 0.00	33.77 2.36 0.00	31.38 2.33 0.00	27.17 2.08 0.00	25.00 1.92 0.00
RAVENSWOOD___4 23820	24.48 1.90 0.00	22.28 1.57 0.00	20.10 1.33 0.00	18.72 1.18 0.00	17.94 1.08 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.39 2.05 0.00	24.63 2.12 0.00	25.98 2.30 0.01	26.80 2.42 0.01	28.48 2.52 0.01	30.42 2.79 0.01	31.77 2.78 0.00	39.78 3.54 -0.15	42.86 4.28 -0.01	42.88 4.15 0.00	39.37 2.95 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.07 1.99 0.00
RCPI_TRUST___DRP 24196	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.03 1.09 0.00	21.27 1.34 0.00	22.67 1.64 0.00	23.83 1.97 0.00	24.39 2.06 0.00	24.63 2.12 0.00	25.92 2.23 0.00	26.68 2.29 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.71 2.72 0.00	39.73 3.50 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.34 2.91 0.00	33.80 2.39 0.00	31.38 2.32 0.00	27.18 2.08 0.00	25.01 1.92 0.00
RED___ROCHESTER 323720	23.21 0.63 0.00	21.21 0.50 0.00	19.20 0.43 0.00	17.96 0.42 0.00	17.28 0.42 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.45 0.42 0.00	22.26 0.39 0.00	22.85 0.51 0.00	23.10 0.58 0.00	24.43 0.74 0.00	25.15 0.76 0.00	26.80 0.83 0.00	28.46 0.83 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.86 1.12 0.00	37.41 0.98 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.87 0.78 0.00	23.90 0.81 0.00
REGAN___SOLAR 323812	24.66 2.08 0.00	22.49 1.78 0.00	20.34 1.58 0.00	18.91 1.37 0.00	18.28 1.42 0.00	19.48 1.54 0.00	21.85 1.91 0.00	23.30 2.27 0.00	24.20 2.34 0.00	24.50 2.17 0.00	24.90 2.39 0.00	26.23 2.54 0.00	26.88 2.49 0.00	28.28 2.31 0.00	30.26 2.63 0.00	31.85 2.87 0.00	39.32 3.36 0.12	42.81 4.24 0.00	43.34 4.61 0.00	40.64 4.22 0.00	35.12 3.71 0.00	32.48 3.43 0.00	27.70 2.61 0.00	25.28 2.19 0.00
RENSSELAER___COGEN 23796	23.30 0.72 0.00	21.27 0.56 0.00	19.24 0.47 0.00	18.00 0.46 0.00	17.30 0.44 0.00	18.40 0.47 0.00	20.47 0.54 0.00	21.64 0.61 0.00	22.58 0.72 0.00	23.07 0.74 0.00	23.24 0.72 0.00	24.45 0.76 0.00	25.17 0.78 0.00	26.83 0.86 0.00	28.57 0.94 0.00	29.91 0.93 0.00	37.15 1.23 0.16	40.15 1.58 0.00	40.36 1.63 0.00	37.59 1.17 0.00	32.42 1.01 0.00	29.98 0.93 0.00	25.84 0.75 0.00	23.76 0.67 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.20 2.62 0.00	22.86 2.15 0.00	20.68 1.91 0.00	19.19 1.65 0.00	18.58 1.72 0.00	19.82 1.88 0.00	22.24 2.31 0.00	23.47 2.44 0.00	24.51 2.65 0.00	24.97 2.64 0.00	25.02 2.50 0.00	26.51 2.82 0.00	26.90 2.51 0.00	28.67 2.70 0.00	30.70 3.07 0.00	32.14 3.16 0.00	39.91 4.01 0.17	43.43 4.86 0.00	44.20 5.46 0.00	41.59 5.17 0.00	36.10 4.68 0.00	33.50 4.45 0.00	28.45 3.36 0.00	25.95 2.86 0.00

REVERE_CPDR_DRP 24186	23.15 0.56 0.00	21.21 0.50 0.00	19.22 0.45 0.00	18.00 0.46 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.49 0.56 0.00	21.66 0.63 0.00	22.48 0.61 0.00	22.94 0.60 0.00	23.28 0.77 0.00	24.45 0.76 0.00	25.17 0.78 0.00	26.72 0.75 0.00	28.43 0.80 0.00	30.03 1.04 0.00	37.42 1.34 0.00	40.27 1.70 0.00	40.56 1.82 0.00	38.13 1.71 0.00	32.86 1.45 0.00	30.27 1.22 0.00	26.02 0.93 0.00	23.87 0.79 0.00
REYNOLDS_115KV_TB3 80639	23.51 0.93 0.00	21.46 0.75 0.00	19.39 0.62 0.00	18.12 0.58 0.00	17.44 0.57 0.00	18.54 0.61 0.00	20.65 0.72 0.00	21.83 0.80 0.00	22.78 0.92 0.00	23.25 0.92 0.00	23.42 0.90 0.00	24.64 0.95 0.00	25.32 0.93 0.00	27.04 1.06 0.00	28.77 1.13 0.00	30.14 1.16 0.00	37.38 1.48 0.19	40.46 1.89 0.00	40.63 1.90 0.00	37.84 1.42 0.00	32.64 1.23 0.00	30.19 1.13 0.00	26.05 0.95 0.00	23.94 0.85 0.00
RIVERBAY____ 323610	24.82 2.24 -0.01	22.60 1.88 -0.01	20.39 1.61 -0.01	18.97 1.42 0.00	18.20 1.33 -0.01	19.24 1.31 0.00	21.33 1.40 0.00	22.77 1.75 0.00	23.92 2.06 0.00	24.50 2.17 0.00	24.88 2.36 0.00	26.24 2.54 -0.01	27.01 2.61 -0.01	28.60 2.62 -0.01	30.52 2.87 -0.01	32.00 3.01 0.00	40.17 3.93 -0.15	43.32 4.74 -0.01	43.35 4.61 -0.01	39.85 3.42 0.00	34.15 2.73 0.00	31.90 2.85 0.00	27.63 2.53 -0.01	25.45 2.36 -0.01
RIVERSDE_115KV_TB3 55908	23.42 0.84 0.00	21.37 0.66 0.00	19.33 0.56 0.00	18.07 0.53 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.76 0.74 0.00	22.72 0.85 0.00	23.19 0.85 0.00	23.37 0.86 0.00	24.59 0.90 0.00	25.27 0.88 0.00	26.98 1.01 0.00	28.71 1.08 0.00	30.09 1.10 0.00	37.32 1.41 0.17	40.38 1.81 0.00	40.56 1.82 0.00	37.81 1.38 0.00	32.58 1.16 0.00	30.13 1.07 0.00	26.00 0.90 0.00	23.90 0.81 0.00
ROARING__BROOK_WT_PWR 323790	21.90 -0.68 0.00	20.07 -0.64 0.00	18.19 -0.58 0.00	17.02 -0.53 0.00	16.39 -0.47 0.00	17.49 -0.45 0.00	19.47 -0.46 0.00	20.58 -0.44 0.00	21.45 -0.42 0.00	21.94 -0.40 0.00	22.09 -0.43 0.00	23.19 -0.50 0.00	23.83 -0.56 0.00	25.30 -0.68 0.00	26.83 -0.80 0.00	28.09 -0.90 0.00	35.04 -1.05 0.00	37.68 -0.89 0.00	38.00 -0.74 0.00	35.62 -0.80 0.00	30.60 -0.82 0.00	28.24 -0.81 0.00	24.36 -0.73 0.00	22.44 -0.65 0.00
ROCHESRG_115KV_T4 355643	22.94 0.36 0.00	20.94 0.23 0.00	18.99 0.23 0.00	17.77 0.23 0.00	17.12 0.25 0.00	18.22 0.29 0.00	20.19 0.26 0.00	21.20 0.17 0.00	21.97 0.11 0.00	22.56 0.22 0.00	22.76 0.25 0.00	24.10 0.40 0.00	24.88 0.49 0.00	26.39 0.42 0.00	28.08 0.44 0.00	29.42 0.43 0.00	36.30 0.22 0.00	38.99 0.42 0.00	39.20 0.46 0.00	36.79 0.36 0.00	31.86 0.44 0.00	29.49 0.44 0.00	25.49 0.40 0.00	23.60 0.51 0.00
ROCHESTER_9_IC 23652	23.10 0.52 0.00	21.08 0.37 0.00	19.11 0.34 0.00	17.88 0.33 0.00	17.22 0.35 0.00	18.33 0.39 0.00	20.33 0.40 0.00	21.34 0.32 0.00	22.13 0.26 0.00	22.72 0.38 0.00	22.95 0.43 0.00	24.28 0.59 0.00	25.10 0.71 0.00	26.62 0.65 0.00	28.32 0.69 0.00	29.65 0.67 0.00	36.63 0.54 0.00	39.34 0.77 0.00	39.55 0.81 0.00	37.11 0.69 0.00	32.11 0.69 0.00	29.72 0.67 0.00	25.69 0.60 0.00	23.76 0.67 0.00
ROCKVIEW_13_KV_LD 356306	24.37 1.78 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.89 1.03 0.00	19.05 1.11 0.00	21.27 1.34 0.00	22.67 1.64 0.00	23.79 1.92 0.00	24.30 1.97 0.00	24.54 2.03 0.00	25.85 2.16 0.00	26.64 2.24 0.00	28.34 2.36 0.00	30.20 2.57 0.00	31.62 2.64 0.00	39.62 3.39 -0.15	42.66 4.09 0.00	42.69 3.95 0.00	39.34 2.91 0.00	33.87 2.45 0.00	31.38 2.32 0.00	27.15 2.06 0.00	24.96 1.87 0.00
ROME____115KV_TB2 80656	23.15 0.56 0.00	21.21 0.50 0.00	19.22 0.45 0.00	18.00 0.46 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.49 0.56 0.00	21.66 0.63 0.00	22.48 0.61 0.00	22.94 0.60 0.00	23.28 0.77 0.00	24.45 0.76 0.00	25.17 0.78 0.00	26.72 0.75 0.00	28.43 0.80 0.00	30.03 1.04 0.00	37.42 1.34 0.00	40.27 1.70 0.00	40.56 1.82 0.00	38.13 1.71 0.00	32.86 1.45 0.00	30.27 1.22 0.00	26.02 0.93 0.00	23.87 0.79 0.00
ROSETON__1 23587	23.98 1.40 0.00	21.85 1.14 0.00	19.74 0.98 0.00	18.40 0.86 0.00	17.66 0.79 0.00	18.78 0.84 0.00	20.95 1.02 0.00	22.27 1.24 0.00	23.33 1.47 0.00	23.86 1.52 0.00	24.05 1.53 0.00	25.30 1.61 0.00	26.07 1.68 0.00	27.71 1.74 0.00	29.57 1.93 0.00	30.93 1.94 0.00	38.71 2.49 -0.13	41.66 3.09 0.00	41.72 2.98 0.00	38.53 2.11 0.00	33.24 1.82 0.00	30.77 1.71 0.00	26.60 1.51 0.00	24.47 1.39 0.00
ROSETON__2 23588	23.98 1.40 0.00	21.85 1.14 0.00	19.74 0.98 0.00	18.40 0.86 0.00	17.66 0.79 0.00	18.78 0.84 0.00	20.95 1.02 0.00	22.27 1.24 0.00	23.33 1.47 0.00	23.86 1.52 0.00	24.05 1.53 0.00	25.30 1.61 0.00	26.07 1.68 0.00	27.71 1.74 0.00	29.57 1.93 0.00	30.93 1.94 0.00	38.71 2.49 -0.13	41.66 3.09 0.00	41.72 2.98 0.00	38.53 2.11 0.00	33.24 1.82 0.00	30.77 1.71 0.00	26.60 1.51 0.00	24.47 1.39 0.00
ROTTDAM_115KV_TB3 80664	23.60 1.02 0.00	21.56 0.85 0.00	19.50 0.73 0.00	18.18 0.63 0.00	17.49 0.62 0.00	18.61 0.68 0.00	20.75 0.82 0.00	21.93 0.90 0.00	22.89 1.03 0.00	23.37 1.03 0.00	23.55 1.04 0.00	24.78 1.09 0.00	25.47 1.07 0.00	27.14 1.17 0.00	28.90 1.27 0.00	30.29 1.30 0.00	37.64 1.70 0.14	40.69 2.12 0.00	40.90 2.17 0.00	38.17 1.75 0.00	32.92 1.51 0.00	30.48 1.42 0.00	26.27 1.18 0.00	24.13 1.04 0.00
RUSSELL__1 23602	23.21 0.63 0.00	21.21 0.50 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.47 0.44 0.00	22.26 0.39 0.00	22.85 0.51 0.00	23.10 0.59 0.00	24.43 0.73 0.00	25.27 0.88 0.00	26.80 0.83 0.00	28.55 0.91 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.86 1.12 0.00	37.40 0.98 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.87 0.78 0.00	23.90 0.81 0.00
RUSSELL__2 23532	23.21 0.63 0.00	21.21 0.50 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.47 0.44 0.00	22.26 0.39 0.00	22.85 0.51 0.00	23.10 0.59 0.00	24.43 0.73 0.00	25.27 0.88 0.00	26.80 0.83 0.00	28.55 0.91 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.86 1.12 0.00	37.40 0.98 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.87 0.78 0.00	23.90 0.81 0.00
RUSSELL__3 23549	23.21 0.63 0.00	21.21 0.50 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.47 0.44 0.00	22.26 0.39 0.00	22.85 0.51 0.00	23.10 0.59 0.00	24.43 0.73 0.00	25.27 0.88 0.00	26.80 0.83 0.00	28.55 0.91 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.86 1.12 0.00	37.40 0.98 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.87 0.78 0.00	23.90 0.81 0.00

RUSSELL___4 23556	23.21 0.63 0.00	21.21 0.50 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.47 0.44 0.00	22.26 0.39 0.00	22.85 0.51 0.00	23.10 0.59 0.00	24.43 0.73 0.00	25.27 0.88 0.00	26.80 0.83 0.00	28.55 0.91 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.86 1.12 0.00	37.40 0.98 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.87 0.78 0.00	23.90 0.81 0.00
RUSSELL___STATION 23914	23.21 0.63 0.00	21.21 0.50 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.47 0.44 0.00	22.26 0.39 0.00	22.85 0.51 0.00	23.10 0.59 0.00	24.43 0.73 0.00	25.27 0.88 0.00	26.80 0.83 0.00	28.55 0.91 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.86 1.12 0.00	37.40 0.98 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.87 0.78 0.00	23.90 0.81 0.00
S SALMON___HYD 24043	22.49 -0.09 0.00	20.59 -0.12 0.00	18.67 -0.09 0.00	17.51 -0.04 0.00	16.83 -0.03 0.00	17.92 -0.02 0.00	19.89 -0.04 0.00	20.96 -0.06 0.00	21.69 -0.18 0.00	22.14 -0.20 0.00	22.36 -0.16 0.00	23.57 -0.12 0.00	24.27 -0.12 0.00	25.79 -0.18 0.00	27.41 -0.22 0.00	28.81 -0.17 0.00	35.83 -0.25 0.00	38.57 0.00 0.00	38.85 0.12 0.00	36.53 0.11 0.00	31.51 0.09 0.00	29.14 0.09 0.00	25.12 0.03 0.00	23.09 0.00 0.00
S.PERRY___115KV_TB1 80734	23.76 1.17 0.00	21.68 0.97 0.00	19.65 0.88 0.00	18.42 0.88 0.00	17.77 0.91 0.00	18.94 1.00 0.00	20.95 1.02 0.00	21.76 0.74 0.00	22.41 0.55 0.00	22.92 0.58 0.00	23.15 0.63 0.00	24.64 0.95 0.00	25.42 1.02 0.00	26.80 0.83 0.00	28.52 0.88 0.00	29.22 0.23 0.00	36.08 0.00 0.00	39.11 0.54 0.00	39.63 0.89 0.00	37.44 1.02 0.00	32.58 1.16 0.00	30.19 1.13 0.00	26.72 1.63 0.00	24.66 1.57 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.99 0.41 0.00	20.94 0.23 0.00	19.09 0.32 0.00	17.88 0.33 0.00	17.27 0.40 0.00	18.36 0.43 0.00	20.23 0.30 0.00	21.01 -0.02 0.00	21.75 -0.11 0.00	22.52 0.18 0.00	22.65 0.14 0.00	24.07 0.38 0.00	24.90 0.51 0.00	26.18 0.21 0.00	27.85 0.22 0.00	29.16 0.17 0.00	35.69 -0.40 0.00	38.34 -0.23 0.00	38.62 -0.12 0.00	36.24 -0.18 0.00	31.64 0.22 0.00	29.37 0.32 0.00	25.52 0.43 0.00	23.80 0.72 0.00
SAWYER___23_KV_LOAD 55526	22.99 0.41 0.00	20.94 0.23 0.00	19.09 0.32 0.00	17.88 0.33 0.00	17.27 0.40 0.00	18.36 0.43 0.00	20.23 0.30 0.00	21.01 -0.02 0.00	21.75 -0.11 0.00	22.52 0.18 0.00	22.65 0.14 0.00	24.07 0.38 0.00	24.90 0.51 0.00	26.18 0.21 0.00	27.85 0.22 0.00	29.16 0.17 0.00	35.69 -0.40 0.00	38.34 -0.23 0.00	38.62 -0.12 0.00	36.24 -0.18 0.00	31.64 0.22 0.00	29.37 0.32 0.00	25.52 0.43 0.00	23.80 0.72 0.00
SELKIRK___I 23801	23.51 0.93 0.00	21.45 0.74 0.00	19.42 0.66 0.00	18.14 0.60 0.00	17.45 0.59 0.00	18.56 0.63 0.00	20.67 0.74 0.00	21.83 0.80 0.00	22.78 0.92 0.00	23.23 0.89 0.00	23.39 0.88 0.00	24.62 0.92 0.00	25.37 0.98 0.00	27.01 1.04 0.00	28.77 1.13 0.00	30.11 1.13 0.00	37.42 1.44 0.11	40.42 1.85 0.00	40.63 1.90 0.00	37.95 1.53 0.00	32.73 1.32 0.00	30.27 1.22 0.00	26.10 1.00 0.00	23.99 0.90 0.00
SELKIRK___II 23799	23.39 0.81 0.00	21.35 0.64 0.00	19.31 0.54 0.00	18.05 0.51 0.00	17.35 0.49 0.00	18.45 0.52 0.00	20.55 0.62 0.00	21.72 0.69 0.00	22.67 0.81 0.00	23.14 0.80 0.00	23.33 0.81 0.00	24.54 0.85 0.00	25.27 0.88 0.00	26.91 0.93 0.00	28.66 1.02 0.00	30.03 1.04 0.00	37.30 1.34 0.12	40.26 1.70 0.00	40.48 1.74 0.00	37.70 1.27 0.00	32.51 1.10 0.00	30.07 1.02 0.00	25.95 0.85 0.00	23.85 0.76 0.00
SENECA OSWGO___HYD 24041	22.49 -0.09 0.00	20.57 -0.14 0.00	18.64 -0.13 0.00	17.46 -0.09 0.00	16.80 -0.07 0.00	17.88 -0.05 0.00	19.87 -0.06 0.00	20.96 -0.06 0.00	21.71 -0.15 0.00	22.16 -0.18 0.00	22.41 -0.11 0.00	23.62 -0.07 0.00	24.34 -0.05 0.00	25.87 -0.10 0.00	27.50 -0.14 0.00	28.87 -0.12 0.00	35.83 -0.25 0.00	38.49 -0.08 0.00	38.66 -0.08 0.00	36.24 -0.18 0.00	31.29 -0.13 0.00	28.94 -0.12 0.00	24.99 -0.10 0.00	23.00 -0.09 0.00
SENECA___115KV_TB3 355854	23.19 0.61 0.00	21.12 0.41 0.00	19.27 0.51 0.00	18.04 0.49 0.00	17.42 0.56 0.00	18.54 0.61 0.00	20.43 0.50 0.00	21.24 0.21 0.00	22.02 0.15 0.00	22.81 0.47 0.00	22.97 0.45 0.00	24.40 0.71 0.00	25.27 0.88 0.00	26.54 0.57 0.00	28.24 0.61 0.00	29.59 0.61 0.00	36.16 0.07 0.00	38.88 0.31 0.00	39.16 0.43 0.00	36.71 0.29 0.00	32.08 0.66 0.00	29.78 0.73 0.00	25.85 0.75 0.00	24.06 0.97 0.00
SENECA___ENERGY 23797	22.87 0.29 0.00	20.90 0.19 0.00	18.92 0.15 0.00	17.74 0.19 0.00	17.08 0.22 0.00	18.20 0.27 0.00	20.25 0.32 0.00	21.34 0.32 0.00	22.41 0.55 0.00	22.92 0.58 0.00	23.22 0.70 0.00	24.57 0.88 0.00	25.29 0.90 0.00	26.88 0.91 0.00	28.57 0.94 0.00	30.09 1.10 0.00	37.13 1.05 0.00	39.34 0.77 0.00	39.59 0.85 0.00	37.11 0.69 0.00	32.11 0.69 0.00	29.66 0.61 0.00	25.59 0.50 0.00	23.57 0.49 0.00
SHOEMAKER___GT 23640	23.82 1.24 0.00	21.75 1.04 0.00	19.65 0.88 0.00	18.33 0.79 0.00	17.55 0.69 0.00	18.69 0.75 0.00	20.83 0.90 0.00	22.10 1.07 0.00	23.13 1.27 0.00	23.63 1.30 0.00	23.80 1.28 0.00	25.04 1.35 0.00	25.83 1.44 0.00	27.48 1.51 0.00	29.32 1.69 0.00	30.72 1.74 0.00	38.44 2.24 -0.12	41.35 2.78 0.00	41.45 2.71 0.00	38.39 1.97 0.00	33.11 1.70 0.00	30.65 1.60 0.00	26.47 1.38 0.00	24.36 1.27 0.00
SHOEMAKR_138KV_BK 111 55601	23.82 1.24 0.00	21.72 1.01 0.00	19.63 0.86 0.00	18.32 0.77 0.00	17.54 0.67 0.00	18.67 0.74 0.00	20.83 0.90 0.00	22.12 1.09 0.00	23.13 1.27 0.00	23.63 1.30 0.00	23.82 1.31 0.00	25.07 1.37 0.00	25.81 1.41 0.00	27.48 1.51 0.00	29.29 1.66 0.00	30.72 1.74 0.00	38.44 2.24 -0.11	41.35 2.78 0.00	41.41 2.67 0.00	38.35 1.93 0.00	33.08 1.67 0.00	30.62 1.57 0.00	26.45 1.35 0.00	24.34 1.25 0.00
SHOREHAM_IC_1 23715	32.57 3.05 -6.94	28.73 2.61 -5.41	25.66 2.31 -4.58	19.70 2.10 -0.05	19.48 1.99 -0.62	20.71 2.10 -0.68	22.22 2.29 0.00	26.93 2.71 -3.19	30.24 3.06 -5.31	30.49 3.10 -5.05	33.21 3.00 -7.70	34.46 3.25 -7.52	40.28 3.37 -12.52	48.62 3.53 -19.12	66.26 3.81 -34.82	89.92 3.91 -57.03	137.63 4.91 -96.64	145.44 5.75 -101.12	143.35 5.73 -98.88	136.89 4.59 -95.88	132.58 3.93 -97.24	75.04 3.75 -42.24	47.36 3.34 -18.93	34.55 3.12 -8.34
SHOREHAM_IC_2 23716	32.57 3.05 -6.94	28.73 2.61 -5.41	25.66 2.31 -4.58	19.70 2.10 -0.05	19.48 1.99 -0.62	20.71 2.10 -0.68	22.22 2.29 0.00	26.93 2.71 -3.19	30.24 3.06 -5.31	30.49 3.10 -5.05	33.21 3.00 -7.70	34.46 3.25 -7.52	40.28 3.37 -12.52	48.62 3.53 -19.12	66.26 3.81 -34.82	89.92 3.91 -57.03	137.63 4.91 -96.64	145.44 5.75 -101.12	143.35 5.73 -98.88	136.89 4.59 -95.88	132.58 3.93 -97.24	75.04 3.75 -42.24	47.36 3.34 -18.93	34.55 3.12 -8.34

SISSONVILLE____ 23735	21.47 -1.11 0.00	19.84 -0.87 0.00	18.13 -0.64 0.00	16.97 -0.58 0.00	16.29 -0.57 0.00	17.11 -0.82 0.00	18.66 -1.28 0.00	19.70 -1.32 0.00	20.44 -1.42 0.00	20.89 -1.45 0.00	21.08 -1.44 0.00	22.08 -1.61 0.00	22.68 -1.71 0.00	24.18 -1.79 0.00	25.73 -1.91 0.00	27.01 -1.97 0.00	33.77 -2.31 0.00	35.95 -2.62 0.00	36.14 -2.60 0.00	34.49 -1.93 0.00	29.69 -1.73 0.00	27.43 -1.63 0.00	23.81 -1.28 0.00	22.10 -0.99 0.00
SITHE_IND_GS1 24169	22.13 -0.45 0.00	20.25 -0.46 0.00	18.35 -0.41 0.00	17.19 -0.35 0.00	16.54 -0.32 0.00	17.59 -0.34 0.00	19.53 -0.40 0.00	20.61 -0.42 0.00	21.32 -0.55 0.00	21.78 -0.56 0.00	21.96 -0.56 0.00	23.15 -0.54 0.00	23.83 -0.56 0.00	25.35 -0.62 0.00	26.94 -0.69 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.85 -0.89 0.00	35.51 -0.91 0.00	30.63 -0.78 0.00	28.33 -0.73 0.00	24.49 -0.60 0.00	22.53 -0.55 0.00
SITHE_IND_GS2 24170	22.13 -0.45 0.00	20.25 -0.46 0.00	18.35 -0.41 0.00	17.19 -0.35 0.00	16.54 -0.32 0.00	17.59 -0.34 0.00	19.53 -0.40 0.00	20.61 -0.42 0.00	21.32 -0.55 0.00	21.78 -0.56 0.00	21.96 -0.56 0.00	23.15 -0.54 0.00	23.83 -0.56 0.00	25.35 -0.62 0.00	26.94 -0.69 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.85 -0.89 0.00	35.51 -0.91 0.00	30.63 -0.78 0.00	28.33 -0.73 0.00	24.49 -0.60 0.00	22.53 -0.55 0.00
SITHE_IND_GS3 24171	22.13 -0.45 0.00	20.25 -0.46 0.00	18.35 -0.41 0.00	17.19 -0.35 0.00	16.54 -0.32 0.00	17.59 -0.34 0.00	19.53 -0.40 0.00	20.61 -0.42 0.00	21.32 -0.55 0.00	21.78 -0.56 0.00	21.96 -0.56 0.00	23.15 -0.54 0.00	23.83 -0.56 0.00	25.35 -0.62 0.00	26.94 -0.69 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.85 -0.89 0.00	35.51 -0.91 0.00	30.63 -0.78 0.00	28.33 -0.73 0.00	24.49 -0.60 0.00	22.53 -0.55 0.00
SITHE_IND_GS4 24172	22.13 -0.45 0.00	20.25 -0.46 0.00	18.35 -0.41 0.00	17.19 -0.35 0.00	16.54 -0.32 0.00	17.59 -0.34 0.00	19.53 -0.40 0.00	20.61 -0.42 0.00	21.32 -0.55 0.00	21.78 -0.56 0.00	21.96 -0.56 0.00	23.15 -0.54 0.00	23.83 -0.56 0.00	25.35 -0.62 0.00	26.94 -0.69 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.85 -0.89 0.00	35.51 -0.91 0.00	30.63 -0.78 0.00	28.33 -0.73 0.00	24.49 -0.60 0.00	22.53 -0.55 0.00
SITHE____BATAVIA 24024	23.46 0.88 0.00	21.39 0.68 0.00	19.42 0.66 0.00	18.19 0.65 0.00	17.54 0.68 0.00	18.69 0.75 0.00	20.61 0.68 0.00	21.49 0.46 0.00	22.26 0.39 0.00	22.94 0.60 0.00	23.19 0.67 0.00	24.62 0.92 0.00	25.22 0.83 0.00	26.80 0.83 0.00	28.46 0.83 0.00	29.88 0.90 0.00	36.66 0.58 0.00	39.46 0.89 0.00	39.78 1.05 0.00	37.41 0.98 0.00	32.48 1.07 0.00	30.10 1.04 0.00	26.07 0.98 0.00	24.22 1.13 0.00
SITHE____INDEPEND 23800	22.13 -0.45 0.00	20.25 -0.46 0.00	18.37 -0.39 0.00	17.19 -0.35 0.00	16.54 -0.32 0.00	17.59 -0.34 0.00	19.53 -0.40 0.00	20.61 -0.42 0.00	21.30 -0.57 0.00	21.78 -0.56 0.00	21.95 -0.56 0.00	23.15 -0.54 0.00	23.86 -0.54 0.00	25.35 -0.62 0.00	26.97 -0.66 0.00	28.29 -0.70 0.00	35.15 -0.94 0.00	37.68 -0.89 0.00	37.84 -0.89 0.00	35.51 -0.91 0.00	30.63 -0.79 0.00	28.33 -0.73 0.00	24.49 -0.60 0.00	22.54 -0.55 0.00
SITHE____MASSENA 23902	21.93 -0.66 0.00	20.23 -0.48 0.00	18.49 -0.28 0.00	17.28 -0.26 0.00	16.59 -0.27 0.00	17.57 -0.36 0.00	19.33 -0.60 0.00	20.38 -0.65 0.00	21.14 -0.72 0.00	21.62 -0.72 0.00	21.82 -0.70 0.00	22.89 -0.81 0.00	23.54 -0.85 0.00	25.06 -0.91 0.00	26.67 -0.97 0.00	27.94 -1.04 0.00	34.89 -1.19 0.00	37.02 -1.54 0.00	37.18 -1.55 0.00	35.40 -1.02 0.00	30.50 -0.91 0.00	28.24 -0.81 0.00	24.39 -0.70 0.00	22.49 -0.60 0.00
SITHE____OGDNSBRG 24021	21.95 -0.63 0.00	20.28 -0.43 0.00	18.52 -0.24 0.00	17.32 -0.23 0.00	16.64 -0.22 0.00	17.57 -0.36 0.00	19.25 -0.68 0.00	20.29 -0.74 0.00	21.06 -0.81 0.00	21.49 -0.85 0.00	21.71 -0.81 0.00	22.74 -0.95 0.00	23.37 -1.02 0.00	24.91 -1.06 0.00	26.53 -1.11 0.00	27.85 -1.13 0.00	34.79 -1.30 0.00	36.95 -1.62 0.00	37.15 -1.59 0.00	35.51 -0.91 0.00	30.60 -0.82 0.00	28.27 -0.78 0.00	24.44 -0.65 0.00	22.58 -0.51 0.00
SITHE____STERLING 23777	23.08 0.50 0.00	21.15 0.44 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.23 0.37 0.00	18.36 0.43 0.00	20.41 0.48 0.00	21.57 0.55 0.00	22.39 0.52 0.00	22.85 0.51 0.00	23.17 0.65 0.00	24.35 0.66 0.00	25.07 0.68 0.00	26.65 0.67 0.00	28.35 0.72 0.00	29.88 0.90 0.00	37.20 1.12 0.00	40.00 1.43 0.00	40.24 1.51 0.00	37.81 1.38 0.00	32.61 1.19 0.00	30.04 0.99 0.00	25.87 0.78 0.00	23.76 0.67 0.00
SLEIGHT__34_KV_TB1 80719	23.33 0.75 0.00	21.31 0.60 0.00	19.27 0.51 0.00	18.09 0.54 0.00	17.42 0.56 0.00	18.58 0.65 0.00	20.69 0.76 0.00	21.85 0.82 0.00	23.34 0.98 0.00	23.67 1.01 0.00	23.67 1.15 0.00	25.04 1.35 0.00	25.86 1.46 0.00	27.37 1.40 0.00	29.18 1.55 0.00	30.69 1.71 0.00	38.03 1.95 0.00	40.54 1.97 0.00	40.67 1.94 0.00	38.13 1.71 0.00	32.89 1.48 0.00	30.33 1.28 0.00	26.15 1.05 0.00	24.04 0.95 0.00
SOUTH CAIRO____GT 23612	24.00 1.42 0.00	21.85 1.14 0.00	19.76 0.99 0.00	18.47 0.93 0.00	17.69 0.83 0.00	18.87 0.93 0.00	21.03 1.10 0.00	22.16 1.13 0.00	23.09 1.22 0.00	23.50 1.16 0.00	23.60 1.08 0.00	24.83 1.14 0.00	25.59 1.19 0.00	27.37 1.40 0.00	29.21 1.57 0.00	30.61 1.62 0.00	38.46 2.45 0.08	41.42 2.85 0.00	41.79 3.06 0.00	39.12 2.70 0.00	33.83 2.42 0.00	31.20 2.15 0.00	26.82 1.73 0.00	24.59 1.50 0.00
SOUTH HAMPTN____IC 23720	33.02 3.50 -6.94	29.15 3.02 -5.41	26.01 2.66 -4.58	20.02 2.42 -0.05	19.78 2.29 -0.62	21.05 2.44 -0.68	22.60 2.67 0.00	27.33 3.11 -3.19	30.70 3.52 -5.31	30.99 3.60 -5.05	33.75 3.54 -7.70	35.02 3.82 -7.52	40.69 4.00 -12.30	48.90 4.23 -18.70	66.39 4.59 -34.17	88.74 4.73 -55.03	134.93 5.95 -92.89	142.55 6.87 -97.12	140.49 6.82 -94.94	134.16 5.57 -92.17	129.83 4.74 -93.67	74.35 4.50 -40.79	47.71 3.96 -18.66	35.10 3.67 -8.34
SOUTHDOW_115KV_TB1 355954	23.78 1.20 0.00	21.72 1.01 0.00	19.86 1.09 0.00	18.54 1.00 0.00	17.94 1.08 0.00	19.15 1.22 0.00	21.23 1.30 0.00	22.16 1.14 0.00	22.91 1.05 0.00	23.86 1.52 0.00	24.09 1.58 0.00	25.49 1.80 0.00	26.37 1.98 0.00	27.61 1.64 0.00	29.26 1.63 0.00	30.75 1.77 0.00	37.56 1.48 0.00	40.27 1.70 0.00	40.56 1.82 0.00	38.06 1.64 0.00	33.39 1.98 0.00	31.15 2.09 0.00	26.95 1.86 0.00	24.94 1.85 0.00
SOUTHOLD_69_KV_BK 2 55809	33.57 4.04 -6.94	29.64 3.52 -5.41	26.46 3.12 -4.58	20.42 2.82 -0.05	20.18 2.70 -0.62	21.46 2.85 -0.68	23.06 3.13 0.00	27.83 3.62 -3.19	31.26 4.09 -5.31	31.57 4.18 -5.05	34.36 4.14 -7.70	35.71 4.50 -7.52	41.40 4.71 -12.30	49.74 5.06 -18.70	67.31 5.50 -34.18	89.75 5.71 -55.05	136.20 7.18 -92.93	143.99 8.25 -97.16	141.85 8.13 -94.98	135.40 6.77 -92.21	130.90 5.78 -93.71	75.26 5.40 -40.80	48.45 4.69 -18.66	35.70 4.27 -8.34

SOUTHOLD___IC 23719	33.57 4.04 -6.94	29.64 3.52 -5.41	26.46 3.12 -4.58	20.42 2.83 -0.05	20.17 2.68 -0.62	21.46 2.85 -0.68	23.06 3.13 0.00	27.81 3.59 -3.19	31.26 4.09 -5.31	31.57 4.18 -5.05	34.36 4.14 -7.70	35.71 4.50 -7.52	41.43 4.73 -12.30	49.74 5.07 -18.70	67.28 5.47 -34.18	89.72 5.68 -55.05	136.20 7.18 -92.93	143.99 8.26 -97.16	141.85 8.14 -94.98	135.40 6.77 -92.21	130.90 5.78 -93.71	75.26 5.40 -40.80	48.45 4.69 -18.66	35.74 4.32 -8.34
SPIERFLS_115KV_TB 1 80737	23.87 1.29 0.00	21.72 1.01 0.00	19.65 0.88 0.00	18.30 0.75 0.00	17.64 0.78 0.00	18.78 0.84 0.00	21.01 1.08 0.00	22.18 1.16 0.00	23.20 1.33 0.00	23.66 1.32 0.00	23.58 1.06 0.00	24.83 1.14 0.00	25.27 0.88 0.00	27.06 1.09 0.00	28.88 1.24 0.00	30.29 1.30 0.00	37.61 1.70 0.17	40.81 2.24 0.00	41.41 2.67 0.00	38.75 2.33 0.00	33.49 2.07 0.00	31.17 2.12 0.00	26.70 1.61 0.00	24.47 1.39 0.00
ST LAWRENCE____ 23600	21.81 -0.77 0.00	20.13 -0.58 0.00	18.30 -0.47 0.00	17.11 -0.44 0.00	16.42 -0.44 0.00	17.43 -0.50 0.00	19.28 -0.66 0.00	20.29 -0.74 0.00	21.10 -0.77 0.00	21.56 -0.78 0.00	21.71 -0.81 0.00	22.79 -0.90 0.00	23.47 -0.93 0.00	24.98 -0.99 0.00	26.61 -1.02 0.00	27.88 -1.10 0.00	34.79 -1.30 0.00	36.87 -1.70 0.00	37.03 -1.70 0.00	35.25 -1.17 0.00	30.38 -1.04 0.00	28.10 -0.96 0.00	24.26 -0.83 0.00	22.33 -0.76 0.00
STATE_CA_115KV_115_LB 55624	23.42 0.84 0.00	21.37 0.66 0.00	19.31 0.54 0.00	18.07 0.53 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.76 0.74 0.00	22.72 0.85 0.00	23.21 0.87 0.00	23.37 0.86 0.00	24.62 0.92 0.00	25.32 0.93 0.00	27.01 1.04 0.00	28.74 1.11 0.00	30.11 1.13 0.00	37.40 1.48 0.16	40.46 1.89 0.00	40.63 1.90 0.00	37.88 1.46 0.00	32.64 1.23 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.90 0.81 0.00
STATE_ST_34_KV_LOAD 55959	23.15 0.56 0.00	21.17 0.46 0.00	19.16 0.39 0.00	17.98 0.44 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.49 0.56 0.00	21.64 0.61 0.00	22.69 0.83 0.00	23.16 0.83 0.00	23.31 0.79 0.00	24.64 0.95 0.00	25.44 1.05 0.00	27.14 1.17 0.00	28.90 1.27 0.00	30.43 1.45 0.00	37.71 1.62 0.00	40.00 1.43 0.00	40.17 1.43 0.00	37.66 1.24 0.00	32.51 1.10 0.00	30.04 0.99 0.00	25.90 0.80 0.00	23.83 0.74 0.00
STATION 5_MISC_HYD 23604	23.10 0.52 0.00	21.08 0.37 0.00	19.11 0.34 0.00	17.88 0.33 0.00	17.22 0.35 0.00	18.33 0.39 0.00	20.33 0.40 0.00	21.34 0.32 0.00	22.13 0.26 0.00	22.72 0.38 0.00	22.94 0.43 0.00	24.28 0.59 0.00	24.98 0.58 0.00	26.62 0.65 0.00	28.27 0.64 0.00	29.68 0.69 0.00	36.63 0.54 0.00	39.34 0.77 0.00	39.55 0.81 0.00	37.15 0.73 0.00	32.11 0.69 0.00	29.72 0.67 0.00	25.69 0.60 0.00	23.76 0.67 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.06 0.47 0.00	21.06 0.35 0.00	19.07 0.30 0.00	17.84 0.30 0.00	17.20 0.34 0.00	18.31 0.38 0.00	20.37 0.44 0.00	21.45 0.42 0.00	22.26 0.39 0.00	22.81 0.47 0.00	23.10 0.59 0.00	24.43 0.73 0.00	25.27 0.88 0.00	26.75 0.78 0.00	28.49 0.86 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.82 1.08 0.00	37.37 0.95 0.00	32.29 0.88 0.00	29.87 0.81 0.00	25.77 0.68 0.00	23.74 0.65 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.92 0.34 0.00	20.94 0.23 0.00	18.96 0.19 0.00	17.74 0.19 0.00	17.08 0.22 0.00	18.18 0.25 0.00	20.17 0.24 0.00	21.20 0.17 0.00	21.97 0.11 0.00	22.58 0.25 0.00	22.83 0.32 0.00	24.14 0.45 0.00	24.95 0.56 0.00	26.47 0.49 0.00	28.19 0.55 0.00	29.51 0.52 0.00	36.45 0.36 0.00	39.15 0.58 0.00	39.36 0.62 0.00	36.93 0.51 0.00	31.92 0.50 0.00	29.52 0.46 0.00	25.52 0.43 0.00	23.55 0.46 0.00
STA_56___34_KV_BUS2 355983	22.92 0.34 0.00	20.94 0.23 0.00	18.96 0.19 0.00	17.74 0.19 0.00	17.08 0.22 0.00	18.18 0.25 0.00	20.17 0.24 0.00	21.20 0.17 0.00	21.97 0.11 0.00	22.58 0.25 0.00	22.83 0.32 0.00	24.14 0.45 0.00	24.95 0.56 0.00	26.47 0.49 0.00	28.19 0.55 0.00	29.51 0.52 0.00	36.45 0.36 0.00	39.15 0.58 0.00	39.36 0.62 0.00	36.93 0.51 0.00	31.92 0.50 0.00	29.52 0.46 0.00	25.52 0.43 0.00	23.55 0.46 0.00
STA_67___115KV_BK2 355882	23.03 0.45 0.00	21.04 0.33 0.00	19.07 0.30 0.00	17.84 0.30 0.00	17.18 0.32 0.00	18.27 0.34 0.00	20.27 0.34 0.00	21.30 0.27 0.00	22.06 0.20 0.00	22.67 0.34 0.00	22.88 0.36 0.00	24.21 0.52 0.00	25.03 0.63 0.00	26.52 0.55 0.00	28.24 0.61 0.00	29.56 0.58 0.00	36.52 0.43 0.00	39.22 0.66 0.00	39.43 0.70 0.00	37.00 0.58 0.00	32.01 0.60 0.00	29.63 0.58 0.00	25.64 0.55 0.00	23.69 0.60 0.00
STA_7___115KV_9TRANS 80674	23.21 0.63 0.00	21.21 0.50 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.30 0.44 0.00	18.42 0.48 0.00	20.43 0.50 0.00	21.47 0.44 0.00	22.26 0.39 0.00	22.85 0.51 0.00	23.10 0.59 0.00	24.43 0.73 0.00	25.27 0.88 0.00	26.80 0.83 0.00	28.55 0.91 0.00	29.88 0.90 0.00	36.91 0.83 0.00	39.65 1.08 0.00	39.86 1.12 0.00	37.40 0.98 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.87 0.78 0.00	23.90 0.81 0.00
STA_82___115KV_TB1 80780	23.06 0.47 0.00	21.04 0.33 0.00	19.07 0.30 0.00	17.84 0.30 0.00	17.20 0.34 0.00	18.29 0.36 0.00	20.29 0.36 0.00	21.30 0.27 0.00	22.08 0.22 0.00	22.67 0.34 0.00	22.90 0.38 0.00	24.21 0.52 0.00	25.05 0.66 0.00	26.54 0.57 0.00	28.27 0.64 0.00	29.59 0.61 0.00	36.52 0.43 0.00	39.26 0.69 0.00	39.47 0.74 0.00	37.04 0.62 0.00	32.04 0.63 0.00	29.66 0.61 0.00	25.67 0.58 0.00	23.71 0.62 0.00
STEEL___WIND 323596	23.17 0.59 0.00	21.10 0.39 0.00	19.24 0.47 0.00	18.02 0.47 0.00	17.39 0.52 0.00	18.52 0.59 0.00	20.41 0.48 0.00	21.19 0.17 0.00	22.00 0.13 0.00	22.78 0.45 0.00	22.94 0.43 0.00	24.38 0.69 0.00	24.95 0.56 0.00	26.52 0.55 0.00	28.16 0.52 0.00	29.56 0.58 0.00	36.12 0.04 0.00	38.84 0.27 0.00	39.12 0.39 0.00	36.71 0.29 0.00	32.04 0.63 0.00	29.75 0.70 0.00	25.82 0.73 0.00	24.04 0.95 0.00
STEPHTWN_115KV_BK_2 55603	23.57 0.99 0.00	21.48 0.77 0.00	19.42 0.66 0.00	18.14 0.60 0.00	17.45 0.59 0.00	18.60 0.66 0.00	20.73 0.80 0.00	21.91 0.88 0.00	22.89 1.03 0.00	23.37 1.03 0.00	23.55 1.04 0.00	24.78 1.09 0.00	25.47 1.07 0.00	27.14 1.17 0.00	28.90 1.27 0.00	30.29 1.30 0.00	37.62 1.70 0.16	40.73 2.16 0.00	40.94 2.21 0.00	38.17 1.75 0.00	32.89 1.48 0.00	30.42 1.37 0.00	26.20 1.10 0.00	24.04 0.95 0.00
STEUBEN_REC_LFGE 323667	23.37 0.79 0.00	21.31 0.60 0.00	19.39 0.62 0.00	18.19 0.65 0.00	17.59 0.73 0.00	18.74 0.81 0.00	20.81 0.88 0.00	21.74 0.71 0.00	22.59 0.72 0.00	23.21 0.87 0.00	23.44 0.92 0.00	24.88 1.18 0.00	25.76 1.37 0.00	27.17 1.19 0.00	28.90 1.27 0.00	30.26 1.28 0.00	37.20 1.12 0.00	40.03 1.47 0.00	40.44 1.70 0.00	37.91 1.49 0.00	33.08 1.67 0.00	30.62 1.57 0.00	26.45 1.35 0.00	24.43 1.34 0.00

TRINITY__115KV__4 BK 55933	23.35 0.77 0.00	21.31 0.60 0.00	19.26 0.49 0.00	18.02 0.47 0.00	17.33 0.47 0.00	18.44 0.50 0.00	20.51 0.58 0.00	21.70 0.67 0.00	22.65 0.79 0.00	23.12 0.78 0.00	23.28 0.77 0.00	24.50 0.81 0.00	25.20 0.80 0.00	26.88 0.91 0.00	28.63 0.99 0.00	30.00 1.01 0.00	37.22 1.30 0.16	40.27 1.70 0.00	40.44 1.70 0.00	37.66 1.24 0.00	32.48 1.07 0.00	30.04 0.99 0.00	25.92 0.83 0.00	23.80 0.72 0.00
UNION__PROCESSING_DRP 323587	23.06 0.47 0.00	21.06 0.35 0.00	19.09 0.32 0.00	17.86 0.32 0.00	17.20 0.34 0.00	18.31 0.38 0.00	20.29 0.36 0.00	21.32 0.29 0.00	22.08 0.22 0.00	22.70 0.36 0.00	22.90 0.38 0.00	24.24 0.54 0.00	25.05 0.66 0.00	26.57 0.60 0.00	28.27 0.64 0.00	29.59 0.61 0.00	36.55 0.47 0.00	39.26 0.69 0.00	39.47 0.74 0.00	37.08 0.66 0.00	32.08 0.66 0.00	29.66 0.61 0.00	25.67 0.58 0.00	23.74 0.65 0.00
UPPER HUDSON__HYD 24058	23.87 1.29 0.00	21.72 1.01 0.00	19.67 0.90 0.00	18.30 0.75 0.00	17.64 0.78 0.00	18.78 0.84 0.00	21.01 1.08 0.00	22.18 1.16 0.00	23.20 1.33 0.00	23.66 1.32 0.00	23.58 1.06 0.00	24.83 1.14 0.00	25.32 0.93 0.00	27.06 1.09 0.00	28.91 1.27 0.00	30.29 1.31 0.00	37.61 1.70 0.17	40.80 2.24 0.00	41.41 2.67 0.00	38.75 2.33 0.00	33.49 2.07 0.00	31.17 2.12 0.00	26.70 1.61 0.00	24.45 1.36 0.00
UPPER RAQUET__HYD 24056	21.48 -1.11 0.00	19.84 -0.87 0.00	18.13 -0.64 0.00	16.97 -0.58 0.00	16.29 -0.57 0.00	17.11 -0.82 0.00	18.66 -1.28 0.00	19.70 -1.32 0.00	20.44 -1.42 0.00	20.89 -1.45 0.00	21.08 -1.44 0.00	22.08 -1.61 0.00	22.71 -1.68 0.00	24.18 -1.79 0.00	25.73 -1.91 0.00	27.01 -1.97 0.00	33.77 -2.31 0.00	35.94 -2.62 0.00	36.14 -2.59 0.00	34.49 -1.93 0.00	29.69 -1.73 0.00	27.43 -1.63 0.00	23.81 -1.28 0.00	22.12 -0.97 0.00
VALLEY44_115KV_TB2 355964	23.06 0.47 0.00	21.00 0.29 0.00	19.12 0.36 0.00	17.91 0.37 0.00	17.32 0.46 0.00	18.42 0.48 0.00	20.39 0.46 0.00	21.26 0.23 0.00	22.08 0.22 0.00	22.78 0.45 0.00	22.95 0.43 0.00	24.38 0.69 0.00	25.20 0.80 0.00	26.57 0.60 0.00	28.27 0.64 0.00	29.65 0.67 0.00	36.37 0.29 0.00	39.03 0.46 0.00	39.28 0.54 0.00	36.68 0.25 0.00	32.17 0.75 0.00	29.84 0.78 0.00	25.77 0.68 0.00	23.92 0.83 0.00
VALLEY__115KV_TB 1-4 80826	22.40 -0.18 0.00	20.52 -0.19 0.00	18.58 -0.19 0.00	17.39 -0.16 0.00	16.71 -0.15 0.00	17.83 -0.11 0.00	19.85 -0.08 0.00	20.99 -0.04 0.00	21.82 -0.04 0.00	22.29 -0.04 0.00	22.61 0.09 0.00	23.69 0.00 0.00	24.39 0.00 0.00	25.87 -0.10 0.00	27.55 -0.08 0.00	28.93 -0.06 0.00	36.08 0.00 0.00	38.65 0.08 0.00	38.89 0.15 0.00	36.53 0.11 0.00	31.54 0.13 0.00	29.26 0.20 0.00	25.29 0.20 0.00	23.30 0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.82 1.24 0.00	21.81 1.10 0.00	19.72 0.96 0.00	18.42 0.88 0.00	17.71 0.84 0.00	18.88 0.95 0.00	21.03 1.10 0.00	22.29 1.26 0.00	23.24 1.38 0.00	23.72 1.38 0.00	23.89 1.37 0.00	25.09 1.40 0.00	25.78 1.39 0.00	27.53 1.56 0.00	29.32 1.69 0.00	30.93 1.94 0.00	38.47 2.38 0.00	41.31 2.74 0.00	41.49 2.75 0.00	38.75 2.33 0.00	33.46 2.04 0.00	30.88 1.83 0.00	26.60 1.51 0.00	24.45 1.36 0.00
VISCHER__FERRY HYD 24020	23.71 1.13 0.00	21.64 0.93 0.00	19.57 0.81 0.00	18.26 0.72 0.00	17.57 0.71 0.00	18.70 0.77 0.00	20.83 0.90 0.00	22.02 0.99 0.00	23.00 1.14 0.00	23.48 1.14 0.00	23.64 1.13 0.00	24.88 1.18 0.00	25.56 1.17 0.00	27.24 1.27 0.00	29.01 1.38 0.00	30.40 1.42 0.00	37.63 1.77 0.22	40.80 2.24 0.00	41.06 2.32 0.00	38.24 1.82 0.00	33.02 1.60 0.00	30.53 1.48 0.00	26.32 1.23 0.00	24.20 1.11 0.00
V_A_10_SYNC_DSASP 323832	22.78 0.20 0.00	20.77 0.06 0.00	18.90 0.13 0.00	17.70 0.16 0.00	17.08 0.22 0.00	18.17 0.23 0.00	20.05 0.12 0.00	20.86 -0.17 0.00	21.60 -0.26 0.00	22.27 -0.07 0.00	22.43 -0.09 0.00	23.79 0.09 0.00	24.59 0.20 0.00	25.89 -0.08 0.00	27.58 -0.06 0.00	28.84 -0.14 0.00	35.40 -0.69 0.00	38.03 -0.54 0.00	38.23 -0.50 0.00	35.88 -0.55 0.00	31.26 -0.16 0.00	29.00 -0.06 0.00	25.22 0.13 0.00	23.50 0.42 0.00
V_CMM_10_SYNC_DSASP 323787	21.88 -0.70 0.00	20.19 -0.52 0.00	18.35 -0.41 0.00	17.16 -0.39 0.00	16.49 -0.37 0.00	17.49 -0.45 0.00	19.33 -0.60 0.00	20.38 -0.65 0.00	21.16 -0.70 0.00	21.62 -0.72 0.00	21.80 -0.72 0.00	22.89 -0.81 0.00	23.54 -0.85 0.00	25.09 -0.88 0.00	26.69 -0.94 0.00	27.97 -1.02 0.00	34.89 -1.19 0.00	36.99 -1.58 0.00	37.15 -1.59 0.00	35.36 -1.06 0.00	30.47 -0.94 0.00	28.21 -0.84 0.00	24.34 -0.75 0.00	22.42 -0.67 0.00
V_CMP_10_SYNC_DSASP 323788	21.36 -1.22 0.00	19.72 -0.99 0.00	17.89 -0.88 0.00	16.70 -0.84 0.00	16.04 -0.83 0.00	16.98 -0.95 0.00	18.86 -1.08 0.00	20.08 -0.95 0.00	20.90 -0.96 0.00	21.31 -1.03 0.00	21.32 -1.19 0.00	22.22 -1.47 0.00	22.83 -1.56 0.00	24.52 -1.45 0.00	26.11 -1.52 0.00	27.39 -1.59 0.00	34.46 -1.62 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.54 -0.88 0.00	28.15 -0.90 0.00	24.19 -0.90 0.00	22.26 -0.83 0.00
V_E_10_SYNC_DSASP 323830	23.98 1.40 0.00	21.95 1.24 0.00	19.91 1.14 0.00	18.63 1.09 0.00	17.93 1.06 0.00	19.15 1.22 0.00	21.35 1.42 0.00	22.52 1.49 0.00	23.33 1.47 0.00	23.70 1.36 0.00	24.00 1.49 0.00	25.16 1.47 0.00	25.86 1.46 0.00	27.61 1.64 0.00	29.38 1.74 0.00	31.25 2.26 0.00	38.93 2.85 0.00	42.00 3.43 0.00	42.57 3.84 0.00	40.10 3.68 0.00	34.71 3.30 0.00	31.93 2.88 0.00	27.32 2.23 0.00	25.03 1.94 0.00
V_F_30_NSYNC__DSASP 323816	24.00 1.42 0.00	21.89 1.18 0.00	19.80 1.03 0.00	18.44 0.89 0.00	17.77 0.91 0.00	18.90 0.97 0.00	21.09 1.16 0.00	22.27 1.24 0.00	23.26 1.40 0.00	23.75 1.41 0.00	23.82 1.31 0.00	25.11 1.42 0.00	25.76 1.37 0.00	27.50 1.53 0.00	29.29 1.66 0.00	30.72 1.74 0.00	38.11 2.20 0.18	41.27 2.70 0.00	41.64 2.91 0.00	38.90 2.48 0.00	33.58 2.17 0.00	31.12 2.06 0.00	26.75 1.66 0.00	24.54 1.46 0.00
V_F_30_SYNC_DSASP 323786	23.42 0.84 0.00	21.37 0.66 0.00	19.31 0.54 0.00	18.07 0.53 0.00	17.39 0.52 0.00	18.49 0.56 0.00	20.59 0.66 0.00	21.76 0.74 0.00	22.72 0.85 0.00	23.21 0.87 0.00	23.37 0.86 0.00	24.62 0.92 0.00	25.32 0.93 0.00	26.98 1.01 0.00	28.74 1.11 0.00	30.11 1.13 0.00	37.36 1.44 0.16	40.42 1.85 0.00	40.63 1.90 0.00	37.84 1.42 0.00	32.64 1.23 0.00	30.19 1.13 0.00	26.02 0.93 0.00	23.90 0.81 0.00
V_XM_10_SYNC_DSASP 323789	21.36 -1.22 0.00	19.72 -0.99 0.00	17.89 -0.88 0.00	16.70 -0.84 0.00	16.04 -0.83 0.00	16.98 -0.95 0.00	18.86 -1.08 0.00	20.08 -0.95 0.00	20.90 -0.96 0.00	21.31 -1.03 0.00	21.32 -1.19 0.00	22.22 -1.47 0.00	22.83 -1.56 0.00	24.52 -1.45 0.00	26.11 -1.52 0.00	27.39 -1.59 0.00	34.46 -1.62 0.00	36.99 -1.58 0.00	37.34 -1.39 0.00	35.51 -0.91 0.00	30.54 -0.88 0.00	28.15 -0.90 0.00	24.19 -0.90 0.00	22.26 -0.83 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.21 1.63 0.00	22.06 1.35 0.00	19.89 1.13 0.00	18.54 1.00 0.00	17.77 0.91 0.00	18.90 0.97 0.00	21.11 1.18 0.00	22.48 1.45 0.00	23.59 1.73 0.00	24.08 1.74 0.00	24.30 1.78 0.00	25.56 1.87 0.00	26.34 1.95 0.00	28.00 2.03 0.00	29.87 2.24 0.00	31.27 2.29 0.00	39.18 2.96 -0.13	42.16 3.59 0.00	42.18 3.45 0.00	38.86 2.44 0.00	33.52 2.10 0.00	31.06 2.00 0.00	26.85 1.76 0.00	24.68 1.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.39 1.81 0.00	22.20 1.49 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.87 1.01 0.00	19.03 1.09 0.00	21.27 1.34 0.00	22.67 1.64 0.00	23.83 1.97 0.00	24.39 2.06 0.00	24.63 2.12 0.00	25.92 2.23 0.00	26.68 2.29 0.00	28.39 2.42 0.00	30.29 2.65 0.00	31.71 2.72 0.00	39.73 3.50 -0.15	42.81 4.24 0.00	42.80 4.07 0.00	39.34 2.91 0.00	33.80 2.39 0.00	31.38 2.32 0.00	27.18 2.08 0.00	25.01 1.92 0.00
W50THST__13_KV_LOAD 356117	24.52 1.94 0.00	22.33 1.62 0.00	20.14 1.37 0.00	18.75 1.21 0.00	17.98 1.11 0.00	19.14 1.20 0.00	21.39 1.46 0.00	22.81 1.79 0.00	23.98 2.12 0.00	24.55 2.21 0.00	24.81 2.30 0.00	26.09 2.39 0.00	26.86 2.46 0.00	28.57 2.60 0.00	30.51 2.87 0.00	31.94 2.96 0.00	40.02 3.79 -0.15	43.12 4.55 0.00	43.11 4.38 0.00	39.59 3.17 0.00	33.99 2.58 0.00	31.55 2.50 0.00	27.33 2.23 0.00	25.14 2.05 0.00
WADING RIVER_IC_1 23522	32.59 3.07 -6.94	28.75 2.63 -5.41	25.66 2.31 -4.58	19.72 2.12 -0.05	19.48 1.99 -0.62	20.73 2.12 -0.68	22.24 2.31 0.00	26.95 2.73 -3.19	30.26 3.08 -5.31	30.52 3.13 -5.05	33.24 3.02 -7.70	34.48 3.27 -7.52	40.07 3.39 -12.29	48.20 3.56 -18.67	65.58 3.84 -34.10	87.86 3.94 -54.94	133.75 4.94 -92.72	141.29 5.78 -96.94	139.27 5.77 -94.76	133.04 4.63 -92.00	128.85 3.93 -93.50	73.55 3.78 -40.72	47.09 3.36 -18.63	34.57 3.14 -8.34
WADING RIVER_IC_2 23547	32.59 3.07 -6.94	28.75 2.63 -5.41	25.66 2.31 -4.58	19.72 2.12 -0.05	19.48 1.99 -0.62	20.73 2.12 -0.68	22.24 2.31 0.00	26.95 2.73 -3.19	30.26 3.08 -5.31	30.52 3.13 -5.05	33.24 3.02 -7.70	34.48 3.27 -7.52	40.07 3.39 -12.29	48.20 3.56 -18.67	65.58 3.84 -34.10	87.86 3.94 -54.94	133.75 4.94 -92.72	141.29 5.78 -96.94	139.27 5.77 -94.76	133.04 4.63 -92.00	128.85 3.93 -93.50	73.55 3.78 -40.72	47.09 3.36 -18.63	34.57 3.14 -8.34
WADING RIVER_IC_3 23601	32.59 3.07 -6.94	28.75 2.63 -5.41	25.66 2.31 -4.58	19.72 2.12 -0.05	19.48 1.99 -0.62	20.73 2.12 -0.68	22.24 2.31 0.00	26.95 2.73 -3.19	30.26 3.08 -5.31	30.52 3.13 -5.05	33.24 3.02 -7.70	34.48 3.27 -7.52	40.07 3.39 -12.29	48.20 3.56 -18.67	65.58 3.84 -34.10	87.86 3.94 -54.94	133.75 4.94 -92.72	141.29 5.78 -96.94	139.27 5.77 -94.76	133.04 4.63 -92.00	128.85 3.93 -93.50	73.55 3.78 -40.72	47.09 3.36 -18.63	34.57 3.14 -8.34
WALDENNY_I2_KV_BK2 80841	23.10 0.52 0.00	21.04 0.33 0.00	19.20 0.43 0.00	17.97 0.42 0.00	17.35 0.49 0.00	18.47 0.54 0.00	20.33 0.40 0.00	21.13 0.11 0.00	21.91 0.04 0.00	22.67 0.34 0.00	22.83 0.32 0.00	24.28 0.59 0.00	25.12 0.73 0.00	26.41 0.44 0.00	28.10 0.47 0.00	29.42 0.43 0.00	35.98 -0.11 0.00	38.68 0.12 0.00	38.93 0.19 0.00	36.53 0.11 0.00	31.92 0.50 0.00	29.61 0.55 0.00	25.69 0.60 0.00	23.94 0.85 0.00
WALDEN__HYDRO 24148	24.14 1.56 0.00	21.99 1.28 0.00	19.87 1.11 0.00	18.51 0.96 0.00	17.71 0.84 0.00	18.85 0.91 0.00	21.03 1.10 0.00	22.33 1.30 0.00	23.39 1.53 0.00	23.90 1.56 0.00	24.09 1.58 0.00	25.35 1.66 0.00	26.17 1.78 0.00	27.82 1.84 0.00	29.71 2.07 0.00	31.13 2.14 0.00	39.01 2.82 -0.11	42.04 3.47 0.00	42.15 3.41 0.00	38.97 2.55 0.00	33.61 2.20 0.00	31.09 2.03 0.00	26.85 1.76 0.00	24.68 1.59 0.00
WARRENSBURG____ 23737	23.87 1.29 0.00	21.72 1.01 0.00	19.67 0.90 0.00	18.30 0.75 0.00	17.64 0.78 0.00	18.78 0.84 0.00	21.01 1.08 0.00	22.18 1.16 0.00	23.20 1.33 0.00	23.66 1.32 0.00	23.58 1.06 0.00	24.83 1.14 0.00	25.32 0.93 0.00	27.06 1.09 0.00	28.91 1.27 0.00	30.29 1.31 0.00	37.61 1.70 0.17	40.80 2.24 0.00	41.41 2.67 0.00	38.75 2.33 0.00	33.49 2.07 0.00	31.17 2.12 0.00	26.70 1.61 0.00	24.45 1.36 0.00
WATERSIDE____6 8 9 23538	24.48 1.90 0.00	22.28 1.57 0.00	20.10 1.33 0.00	18.72 1.18 0.00	17.94 1.08 0.00	19.05 1.11 0.00	21.21 1.28 0.00	22.65 1.62 0.00	23.81 1.95 0.00	24.39 2.06 0.00	24.63 2.12 0.00	25.98 2.30 0.01	26.77 2.39 0.01	28.48 2.52 0.01	30.39 2.76 0.01	31.77 2.78 0.00	39.77 3.54 -0.15	42.86 4.28 -0.01	42.84 4.11 0.00	39.41 2.99 0.00	33.83 2.42 0.00	31.49 2.44 0.00	27.25 2.16 0.00	25.07 1.99 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.58 0.00 0.00	20.71 0.00 0.00	18.75 -0.02 0.00	17.53 -0.02 0.00	16.85 -0.02 0.00	17.95 0.02 0.00	19.97 0.04 0.00	21.09 0.06 0.00	21.93 0.07 0.00	22.40 0.07 0.00	22.67 0.16 0.00	23.81 0.12 0.00	24.49 0.10 0.00	26.02 0.05 0.00	27.69 0.06 0.00	29.07 0.09 0.00	36.23 0.14 0.00	38.80 0.23 0.00	39.05 0.31 0.00	36.64 0.22 0.00	31.64 0.22 0.00	29.29 0.23 0.00	25.29 0.20 0.00	23.27 0.18 0.00
WATSON__69_KV_BK 1 55734	32.50 2.98 -6.94	28.69 2.57 -5.41	25.60 2.25 -4.58	19.65 2.05 -0.05	19.43 1.94 -0.62	20.66 2.04 -0.68	22.20 2.27 0.00	26.91 2.69 -3.19	30.24 3.06 -5.31	30.52 3.13 -5.05	33.30 3.08 -7.70	34.50 3.29 -7.52	37.54 3.39 -9.76	43.81 3.58 -14.25	64.16 3.84 -32.68	63.86 3.85 -31.02	88.73 4.80 -47.85	93.19 5.59 -49.03	91.89 5.58 -47.58	88.34 4.44 -47.48	85.88 3.77 -50.70	56.17 3.72 -23.40	46.49 3.36 -18.04	34.49 3.09 -8.31
WDELAWARE__HYD 323627	23.82 1.24 0.00	21.70 0.99 0.00	19.61 0.85 0.00	18.26 0.72 0.00	17.45 0.59 0.00	18.60 0.66 0.00	20.75 0.82 0.00	22.04 1.01 0.00	23.07 1.20 0.00	23.57 1.23 0.00	23.71 1.19 0.00	24.95 1.25 0.00	25.73 1.34 0.00	27.45 1.48 0.00	29.32 1.69 0.00	30.78 1.80 0.00	38.54 2.38 -0.07	41.58 3.01 0.00	41.64 2.91 0.00	38.50 2.07 0.00	33.24 1.82 0.00	30.71 1.66 0.00	26.52 1.43 0.00	24.36 1.27 0.00
WEST BABYLON__IC 23714	32.28 2.75 -6.94	28.50 2.38 -5.41	25.43 2.08 -4.58	19.49 1.89 -0.05	19.27 1.79 -0.62	20.50 1.88 -0.68	22.05 2.11 0.00	26.74 2.52 -3.19	30.02 2.84 -5.31	30.32 2.93 -5.05	33.10 2.88 -7.70	34.31 3.10 -7.52	35.40 3.20 -7.82	38.73 3.35 -9.40	47.61 3.56 -16.42	45.36 3.57 -12.81	54.21 4.44 -13.68	56.37 5.25 -12.56	55.58 5.19 -11.65	54.08 4.08 -13.58	53.01 3.49 -18.10	42.69 3.43 -10.21	39.59 3.14 -11.37	34.24 2.86 -8.29
WEST CANADA__HYD 24049	22.65 0.07 0.00	20.75 0.04 0.00	18.81 0.04 0.00	17.58 0.04 0.00	16.90 0.03 0.00	17.97 0.04 0.00	19.99 0.06 0.00	21.11 0.08 0.00	21.95 0.09 0.00	22.43 0.09 0.00	22.61 0.09 0.00	23.79 0.10 0.00	24.49 0.10 0.00	26.05 0.08 0.00	27.72 0.08 0.00	29.07 0.09 0.00	36.19 0.11 0.00	38.76 0.19 0.00	38.97 0.23 0.00	36.53 0.11 0.00	31.51 0.09 0.00	29.14 0.09 0.00	25.17 0.08 0.00	23.16 0.07 0.00

WESTERN_NY_WIND 24143	23.44 0.86 0.00	21.37 0.66 0.00	19.41 0.64 0.00	18.17 0.63 0.00	17.52 0.66 0.00	18.69 0.75 0.00	20.59 0.66 0.00	21.45 0.42 0.00	22.21 0.35 0.00	22.92 0.58 0.00	23.17 0.65 0.00	24.59 0.90 0.00	25.20 0.80 0.00	26.78 0.81 0.00	28.44 0.80 0.00	29.83 0.84 0.00	36.59 0.50 0.00	39.38 0.81 0.00	39.70 0.97 0.00	37.33 0.91 0.00	32.45 1.04 0.00	30.07 1.02 0.00	26.05 0.95 0.00	24.20 1.11 0.00
WESTOVER___LESR 323668	23.12 0.54 0.00	21.12 0.41 0.00	19.14 0.38 0.00	17.93 0.39 0.00	17.27 0.40 0.00	18.36 0.43 0.00	20.43 0.50 0.00	21.53 0.50 0.00	22.37 0.50 0.00	22.90 0.56 0.00	23.10 0.59 0.00	24.40 0.71 0.00	25.17 0.78 0.00	26.72 0.75 0.00	28.43 0.80 0.00	29.85 0.87 0.00	37.02 0.94 0.00	39.76 1.20 0.00	39.98 1.24 0.00	37.33 0.91 0.00	32.36 0.94 0.00	29.92 0.87 0.00	25.82 0.73 0.00	23.80 0.72 0.00
WETHRSFD_WT_PWR 323626	22.99 0.41 0.00	20.96 0.25 0.00	19.07 0.30 0.00	17.88 0.33 0.00	17.23 0.37 0.00	18.36 0.43 0.00	20.29 0.36 0.00	21.13 0.11 0.00	21.95 0.09 0.00	22.67 0.34 0.00	22.81 0.29 0.00	24.19 0.50 0.00	24.78 0.39 0.00	26.36 0.39 0.00	27.94 0.30 0.00	29.36 0.38 0.00	35.98 -0.11 0.00	38.72 0.15 0.00	39.01 0.27 0.00	36.64 0.22 0.00	31.95 0.53 0.00	29.60 0.55 0.00	25.69 0.60 0.00	23.85 0.76 0.00
WHAVSTOR_138KV_BK127 55557	24.12 1.54 0.00	21.97 1.26 0.00	19.84 1.07 0.00	18.49 0.95 0.00	17.72 0.86 0.00	18.85 0.91 0.00	21.05 1.12 0.00	22.42 1.39 0.00	23.50 1.64 0.00	24.01 1.68 0.00	24.21 1.69 0.00	25.47 1.78 0.00	26.25 1.85 0.00	27.89 1.92 0.00	29.76 2.13 0.00	31.16 2.17 0.00	39.00 2.78 -0.13	41.96 3.39 0.00	42.03 3.29 0.00	38.72 2.29 0.00	33.36 1.95 0.00	30.94 1.89 0.00	26.72 1.63 0.00	24.59 1.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.12 1.54 0.00	21.97 1.26 0.00	19.84 1.07 0.00	18.49 0.95 0.00	17.72 0.86 0.00	18.85 0.91 0.00	21.05 1.12 0.00	22.42 1.39 0.00	23.50 1.64 0.00	24.01 1.68 0.00	24.21 1.69 0.00	25.47 1.78 0.00	26.25 1.85 0.00	27.89 1.92 0.00	29.76 2.13 0.00	31.16 2.17 0.00	39.00 2.78 -0.13	41.96 3.39 0.00	42.03 3.29 0.00	38.72 2.29 0.00	33.36 1.95 0.00	30.94 1.89 0.00	26.72 1.63 0.00	24.59 1.50 0.00
WHITEHAL_115KV_TB1 80871	24.43 1.85 0.00	22.22 1.51 0.00	20.08 1.31 0.00	18.67 1.12 0.00	18.04 1.18 0.00	19.22 1.29 0.00	21.53 1.59 0.00	22.73 1.70 0.00	23.74 1.88 0.00	24.21 1.88 0.00	24.12 1.60 0.00	25.45 1.75 0.00	25.88 1.49 0.00	27.76 1.79 0.00	29.68 2.04 0.00	31.13 2.14 0.00	38.69 2.78 0.17	42.04 3.47 0.00	42.73 3.99 0.00	40.06 3.64 0.00	34.68 3.27 0.00	32.19 3.14 0.00	27.48 2.38 0.00	25.12 2.03 0.00
WHITEPLN_13_KV_LOAD 356215	24.39 1.81 0.00	22.22 1.51 0.00	20.04 1.28 0.00	18.67 1.12 0.00	17.89 1.03 0.00	19.05 1.11 0.00	21.29 1.36 0.00	22.67 1.64 0.00	23.79 1.92 0.00	24.30 1.97 0.00	24.66 2.14 0.00	25.97 2.27 0.00	26.78 2.39 0.00	28.34 2.36 0.00	30.23 2.60 0.00	31.65 2.67 0.00	39.66 3.43 -0.15	42.70 4.13 0.00	42.69 3.95 0.00	39.37 2.95 0.00	33.87 2.45 0.00	31.38 2.32 0.00	27.18 2.08 0.00	24.98 1.89 0.00
WM_FLOYD_69_KV_BK2 356380	32.50 2.98 -6.94	28.69 2.57 -5.41	25.60 2.25 -4.58	19.65 2.05 -0.05	19.44 1.96 -0.62	20.66 2.04 -0.68	22.18 2.25 0.00	26.88 2.67 -3.19	30.19 3.02 -5.31	30.43 3.04 -5.05	33.17 2.95 -7.70	34.38 3.17 -7.52	40.04 3.27 -12.37	48.25 3.43 -18.85	65.89 3.70 -34.55	88.45 3.77 -55.70	135.00 4.76 -94.15	142.59 5.55 -98.46	140.54 5.54 -96.26	134.28 4.44 -93.41	130.09 3.80 -94.87	73.96 3.63 -41.28	47.15 3.24 -18.82	34.45 3.02 -8.34
WOODARD___115KV_TB2 355635	22.58 0.00 0.00	20.65 -0.06 0.00	18.71 -0.06 0.00	17.53 -0.02 0.00	16.86 0.00 0.00	17.95 0.02 0.00	19.95 0.02 0.00	21.05 0.02 0.00	21.80 -0.07 0.00	22.29 -0.04 0.00	22.52 0.00 0.00	23.76 0.07 0.00	24.51 0.12 0.00	26.00 0.03 0.00	27.66 0.03 0.00	29.04 0.06 0.00	36.05 -0.04 0.00	38.68 0.12 0.00	38.85 0.12 0.00	36.42 0.00 0.00	31.42 0.00 0.00	29.02 -0.03 0.00	25.09 0.00 0.00	23.09 0.00 0.00
YORK___WARBASSE 23770	24.64 2.05 -0.01	22.42 1.70 -0.01	20.24 1.46 -0.01	18.85 1.30 -0.01	18.03 1.16 0.00	19.10 1.17 0.00	21.25 1.32 0.00	22.69 1.66 0.00	23.90 2.03 0.00	24.48 2.14 0.00	24.77 2.25 0.00	33.79 2.44 -7.65	29.29 2.54 -2.36	32.82 2.68 -4.17	30.97 2.93 -0.40	31.88 2.90 0.00	39.99 3.75 -0.15	43.13 4.55 -0.01	43.15 4.42 0.00	39.63 3.21 0.00	34.05 2.64 0.00	31.67 2.61 0.00	27.42 2.31 -0.02	25.23 2.12 -0.02