

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/30/2023

Name	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
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.75	27.07	25.68	24.04	23.32	23.20	22.71	22.13	22.75	23.99	25.49	27.14	27.73	29.74	30.79	32.10	34.72	39.51	39.65	33.24	32.76	31.21	27.70	25.95
24138	2.59	2.19	2.03	1.72	1.61	1.76	1.74	1.56	1.82	2.00	2.19	2.42	2.52	2.68	2.75	2.89	3.04	3.39	3.31	2.26	2.48	2.47	2.47	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.78	27.10	25.71	24.09	23.34	23.24	22.60	22.17	22.79	24.01	25.50	27.12	27.73	29.74	30.79	32.10	34.91	39.48	39.65	33.27	32.76	31.47	27.73	26.00
24260	2.62	2.21	2.06	1.76	1.63	1.80	1.64	1.60	1.86	2.02	2.19	2.40	2.52	2.68	2.75	2.89	3.23	3.36	3.31	2.29	2.48	2.73	2.50	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.78	27.10	25.71	24.09	23.34	23.24	22.60	22.17	22.79	24.01	25.50	27.12	27.73	29.74	30.79	32.10	34.91	39.48	39.65	33.27	32.76	31.47	27.73	26.00
24261	2.62	2.21	2.06	1.76	1.63	1.80	1.64	1.60	1.86	2.02	2.19	2.40	2.52	2.68	2.75	2.89	3.23	3.36	3.31	2.29	2.48	2.73	2.50	2.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.99	26.37	25.02	23.59	22.95	22.68	22.08	21.56	22.04	23.17	24.42	25.86	26.29	28.25	29.28	30.52	33.32	37.89	38.52	32.96	32.30	30.66	26.74	25.17
24011	1.83	1.49	1.37	1.27	1.24	1.24	1.11	0.99	1.11	1.19	1.12	1.14	1.08	1.19	1.23	1.31	1.65	1.77	2.18	1.98	2.03	1.93	1.51	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.11	26.48	25.12	23.68	23.04	22.77	22.29	21.64	22.12	23.28	24.54	25.95	26.40	28.36	29.42	30.64	33.38	38.07	38.74	33.14	32.48	30.78	26.87	25.26
23798	1.94	1.59	1.47	1.36	1.32	1.33	1.32	1.07	1.19	1.30	1.23	1.24	1.19	1.30	1.37	1.43	1.71	1.95	2.40	2.17	2.21	2.04	1.64	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.99	26.37	25.02	23.59	22.95	22.68	22.08	21.56	22.04	23.17	24.42	25.86	26.29	28.25	29.28	30.52	33.32	37.89	38.52	32.96	32.30	30.66	26.74	25.17
24028	1.83	1.49	1.37	1.27	1.24	1.24	1.11	0.99	1.11	1.19	1.12	1.14	1.08	1.19	1.23	1.31	1.65	1.77	2.18	1.98	2.03	1.93	1.51	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.99	26.43	25.12	23.57	22.88	22.66	22.18	21.43	21.95	23.09	24.40	25.98	26.44	28.38	29.39	30.67	33.35	38.03	38.38	32.62	31.94	30.29	26.56	25.00
23527	1.83	1.54	1.47	1.25	1.17	1.22	1.22	0.86	1.03	1.10	1.10	1.26	1.23	1.33	1.35	1.46	1.68	1.91	2.03	1.64	1.66	1.55	1.34	1.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	29.01	25.55	24.29	22.88	22.21	22.00	21.43	20.94	21.35	22.40	23.72	25.21	25.74	27.65	28.66	29.85	32.56	36.99	37.25	31.63	31.00	29.46	25.81	24.31
24190	0.84	0.67	0.64	0.56	0.50	0.56	0.46	0.37	0.42	0.42	0.42	0.49	0.53	0.60	0.62	0.64	0.89	0.87	0.91	0.65	0.73	0.72	0.58	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	27.54	24.31	23.11	21.79	21.19	20.93	20.65	20.38	20.53	21.50	22.77	24.13	24.63	26.41	27.37	28.51	30.88	35.33	35.58	30.30	29.58	28.02	24.57	23.21
355683	-0.62	-0.57	-0.54	-0.54	-0.52	-0.51	-0.31	-0.19	-0.40	-0.48	-0.54	-0.59	-0.58	-0.65	-0.67	-0.70	-0.79	-0.79	-0.76	-0.68	-0.70	-0.72	-0.66	-0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.01	25.55	24.29	22.88	22.21	22.00	21.43	20.94	21.35	22.40	23.72	25.21	25.74	27.65	28.66	29.85	32.56	36.99	37.25	31.63	31.00	29.46	25.81	24.31
23571	0.84	0.67	0.64	0.56	0.50	0.56	0.46	0.37	0.42	0.42	0.42	0.49	0.53	0.60	0.62	0.64	0.89	0.87	0.91	0.65	0.73	0.72	0.58	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	29.01	25.55	24.29	22.88	22.21	22.00	21.43	20.94	21.35	22.40	23.72	25.21	25.74	27.65	28.66	29.85	32.56	36.99	37.25	31.63	31.00	29.46	25.81	24.31
23572	0.84	0.67	0.64	0.56	0.50	0.56	0.46	0.37	0.42	0.42	0.42	0.49	0.53	0.60	0.62	0.64	0.89	0.87	0.91	0.65	0.73	0.72	0.58	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	29.01	25.55	24.29	22.88	22.21	22.00	21.43	20.94	21.35	22.40	23.72	25.21	25.74	27.65	28.66	29.85	32.56	36.99	37.25	31.63	31.00	29.46	25.81	24.31
23573	0.84	0.67	0.64	0.56	0.50	0.56	0.46	0.37	0.42	0.42	0.42	0.49	0.53	0.60	0.62	0.64	0.89	0.87	0.91	0.65	0.73	0.72	0.58	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	29.01 0.84 0.00	25.55 0.67 0.00	24.29 0.64 0.00	22.88 0.56 0.00	22.21 0.50 0.00	22.00 0.56 0.00	21.43 0.46 0.00	20.94 0.37 0.00	21.35 0.42 0.00	22.40 0.42 0.00	23.72 0.42 0.00	25.21 0.49 0.00	25.74 0.53 0.00	27.65 0.60 0.00	28.66 0.62 0.00	29.85 0.64 0.00	32.56 0.89 0.00	36.99 0.87 0.00	37.25 0.91 0.00	31.63 0.65 0.00	31.00 0.73 0.00	29.46 0.72 0.00	25.81 0.58 0.00	24.31 0.48 0.00
ALBANY___LFGE 323615	29.29 1.13 0.00	25.80 0.92 0.00	24.50 0.85 0.00	23.08 0.76 0.00	22.43 0.72 0.00	22.21 0.77 0.00	21.70 0.73 0.00	21.08 0.51 0.00	21.51 0.59 0.00	22.60 0.61 0.00	23.96 0.65 0.00	25.46 0.74 0.00	25.99 0.78 0.00	27.95 0.89 0.00	28.97 0.92 0.00	30.17 0.96 0.00	32.78 1.11 0.00	37.35 1.23 0.00	37.65 1.31 0.00	31.97 0.99 0.00	31.30 1.03 0.00	29.68 0.95 0.00	26.06 0.83 0.00	24.55 0.71 0.00
ALCOA_PA_115KV_PL-6C 55860	27.66 -0.51 0.00	24.41 -0.47 0.00	23.20 -0.45 0.00	21.88 -0.45 0.00	21.28 -0.43 0.00	21.01 -0.43 0.00	20.72 -0.25 0.00	20.47 -0.10 0.00	20.61 -0.31 0.00	21.57 -0.42 0.00	22.84 -0.47 0.00	24.22 -0.49 0.00	24.71 -0.50 0.00	26.52 -0.54 0.00	27.46 -0.59 0.00	28.60 -0.61 0.00	30.95 -0.73 0.00	35.47 -0.65 0.00	35.73 -0.62 0.00	30.45 -0.53 0.00	29.70 -0.58 0.00	28.13 -0.60 0.00	24.67 -0.56 0.00	23.31 -0.52 0.00
ALCOA_RYNLDS___DRP 24188	27.66 -0.51 0.00	24.41 -0.47 0.00	23.20 -0.45 0.00	21.88 -0.45 0.00	21.28 -0.43 0.00	21.01 -0.43 0.00	20.72 -0.25 0.00	20.47 -0.10 0.00	20.61 -0.31 0.00	21.57 -0.42 0.00	22.84 -0.47 0.00	24.22 -0.49 0.00	24.71 -0.50 0.00	26.52 -0.54 0.00	27.46 -0.59 0.00	28.60 -0.61 0.00	30.95 -0.73 0.00	35.47 -0.65 0.00	35.73 -0.62 0.00	30.45 -0.53 0.00	29.70 -0.58 0.00	28.13 -0.60 0.00	24.67 -0.56 0.00	23.31 -0.52 0.00
ALCOA___DSASP 323711	27.68 -0.48 0.00	24.41 -0.47 0.00	23.20 -0.45 0.00	21.88 -0.45 0.00	21.28 -0.43 0.00	21.01 -0.43 0.00	20.55 -0.42 0.00	20.43 -0.14 0.00	20.57 -0.36 0.00	21.57 -0.42 0.00	22.84 -0.47 0.00	24.23 -0.49 0.00	24.71 -0.50 0.00	26.52 -0.54 0.00	27.45 -0.59 0.00	28.60 -0.61 0.00	30.95 -0.73 0.00	35.47 -0.65 0.00	35.73 -0.62 0.00	30.45 -0.53 0.00	29.70 -0.58 0.00	28.13 -0.60 0.00	24.67 -0.56 0.00	23.31 -0.52 0.00
ALLEGHENY___COGEN 23514	29.43 1.27 0.00	26.32 1.44 0.00	24.88 1.23 0.00	23.57 1.25 0.00	23.06 1.35 0.00	22.45 1.01 0.00	21.89 0.92 0.00	20.86 0.29 0.00	21.20 0.27 0.00	22.12 0.13 0.00	23.33 0.02 0.00	24.62 -0.10 0.00	25.11 -0.10 0.00	27.03 -0.03 0.00	28.19 0.14 0.00	29.33 0.12 0.00	31.99 0.32 0.00	36.59 0.47 0.00	37.29 0.94 0.00	33.21 2.23 0.00	32.36 2.09 0.00	30.78 2.04 0.00	26.77 1.54 0.00	25.67 1.84 0.00
ALTAMONT_115KV_TB 2 55880	29.37 1.21 0.00	25.88 1.00 0.00	24.62 0.97 0.00	23.22 0.89 0.00	22.54 0.83 0.00	22.32 0.88 0.00	21.72 0.75 0.00	21.19 0.62 0.00	21.64 0.71 0.00	22.73 0.75 0.00	24.10 0.79 0.00	25.58 0.87 0.00	26.09 0.88 0.00	28.03 0.97 0.00	29.05 1.01 0.00	30.29 1.08 0.00	32.97 1.30 0.00	37.49 1.37 0.00	37.76 1.42 0.00	32.09 1.12 0.00	31.42 1.15 0.00	29.89 1.15 0.00	26.19 0.96 0.00	24.67 0.83 0.00
ALTONA_WT_PWR 323606	27.88 -0.28 0.00	24.61 -0.27 0.00	23.41 -0.24 0.00	22.10 -0.22 0.00	21.52 -0.20 0.00	21.25 -0.19 0.00	20.78 -0.19 0.00	20.67 0.10 0.00	20.84 -0.08 0.00	21.86 -0.13 0.00	23.12 -0.19 0.00	24.50 -0.22 0.00	24.98 -0.23 0.00	26.81 -0.24 0.00	27.76 -0.28 0.00	28.89 -0.32 0.00	31.23 -0.44 0.00	35.79 -0.33 0.00	36.05 -0.29 0.00	30.73 -0.25 0.00	29.91 -0.36 0.00	28.28 -0.46 0.00	24.77 -0.45 0.00	23.38 -0.45 0.00
AMERICAN_REF_FUEL 24010	27.60 -0.56 0.00	24.88 0.00 0.00	23.82 0.17 0.00	22.39 0.07 0.00	22.10 0.39 0.00	21.38 -0.06 0.00	20.99 0.02 0.00	20.08 -0.49 0.00	20.95 0.02 0.00	22.14 0.15 0.00	23.54 0.23 0.00	24.79 0.07 0.00	25.26 0.05 0.00	27.09 0.03 0.00	28.13 0.08 0.00	29.21 0.00 0.00	31.58 -0.09 0.00	35.04 -1.08 0.00	35.07 -1.27 0.00	31.07 0.09 0.00	30.06 -0.21 0.00	28.77 0.03 0.00	25.08 -0.15 0.00	24.43 0.60 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.78 0.62 0.00	25.85 0.97 0.00	24.53 0.88 0.00	23.24 0.92 0.00	22.73 1.02 0.00	22.04 0.60 0.00	21.74 0.78 0.00	20.96 0.39 0.00	21.93 1.00 0.00	23.19 1.21 0.00	24.68 1.37 0.00	26.00 1.28 0.00	26.52 1.31 0.00	28.41 1.35 0.00	29.50 1.46 0.00	30.55 1.34 0.00	33.04 1.36 0.00	36.88 0.76 0.00	36.89 0.55 0.00	32.49 1.52 0.00	31.39 1.12 0.00	30.03 1.29 0.00	26.13 0.91 0.00	25.36 1.53 0.00
ARTHUR_KILL_GT_1 23520	30.75 2.59 0.00	27.15 2.26 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.39 1.67 -0.01	23.20 1.76 0.00	22.54 1.57 0.00	21.82 1.25 0.00	22.43 1.51 0.01	23.65 1.67 0.01	25.21 1.91 0.01	26.84 2.13 0.01	27.47 2.27 0.01	29.49 2.44 0.01	30.53 2.50 0.01	31.86 2.66 0.01	34.30 2.63 0.01	39.15 3.03 0.01	39.35 3.01 0.01	32.86 1.89 0.01	32.41 2.15 0.01	30.97 2.24 0.01	27.79 2.55 -0.02	26.08 2.24 -0.01
ARTHUR_KILL_2 23512	30.67 2.51 0.00	27.08 2.19 -0.01	25.69 2.03 -0.01	24.07 1.74 -0.01	23.35 1.63 -0.01	23.13 1.69 0.00	22.48 1.51 0.00	21.78 1.21 0.00	22.36 1.44 0.01	23.58 1.60 0.01	25.14 1.84 0.01	26.74 2.03 0.01	27.39 2.19 0.01	29.38 2.33 0.01	30.45 2.41 0.01	31.74 2.54 0.01	34.17 2.50 0.01	39.00 2.89 0.01	39.21 2.87 0.01	32.73 1.76 0.01	32.29 2.03 0.01	30.86 2.13 0.01	27.69 2.45 -0.02	25.99 2.15 -0.01
ARTHUR_KILL_3 23513	30.42 2.25 0.00	26.80 1.92 0.00	25.40 1.75 0.00	23.77 1.45 0.00	23.06 1.35 0.00	22.96 1.52 0.00	22.48 1.51 0.00	21.91 1.34 0.00	22.54 1.61 0.00	23.75 1.76 0.00	25.26 1.96 0.00	26.90 2.18 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.46 2.41 0.00	31.72 2.51 0.00	34.27 2.60 0.00	39.01 2.89 0.00	39.14 2.80 0.00	32.80 1.83 0.00	32.36 2.09 0.00	30.86 2.13 0.00	27.43 2.19 -0.01	25.69 1.86 0.00
ARTHUR_KILL_COGEN 323718	30.75 2.59 0.00	27.15 2.26 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.39 1.67 -0.01	23.20 1.76 0.00	22.54 1.57 0.00	21.82 1.25 0.00	22.43 1.51 0.01	23.65 1.67 0.01	25.21 1.91 0.01	26.84 2.13 0.01	27.47 2.27 0.01	29.49 2.44 0.01	30.53 2.50 0.01	31.86 2.66 0.01	34.30 2.63 0.01	39.15 3.03 0.01	39.35 3.01 0.01	32.86 1.89 0.01	32.41 2.15 0.01	30.97 2.24 0.01	27.79 2.55 -0.02	26.08 2.24 -0.01
ASHOKAN____ 23654	29.88 1.72 0.00	26.30 1.42 0.00	24.97 1.32 0.00	23.44 1.12 0.00	22.80 1.09 0.00	22.51 1.07 0.00	21.91 0.94 0.00	21.14 0.58 0.00	21.47 0.54 0.00	22.56 0.57 0.00	23.93 0.63 0.00	25.41 0.69 0.00	25.89 0.68 0.00	27.90 0.84 0.00	28.97 0.92 0.00	30.17 0.96 0.00	33.07 1.39 0.00	37.75 1.63 0.00	38.31 1.96 0.00	32.37 1.40 0.00	31.70 1.42 0.00	30.06 1.32 0.00	26.49 1.26 0.00	24.83 1.00 0.00

ASTORIA_EAST_ENERGY_CC1 323581	30.76 2.59 -0.01	27.08 2.19 -0.01	25.67 2.01 -0.01	24.00 1.68 0.00	23.21 1.50 0.00	23.11 1.67 0.00	22.54 1.57 0.00	21.85 1.28 0.00	22.45 1.53 0.01	23.67 1.69 0.01	25.26 1.96 0.00	26.82 2.10 0.00	27.45 2.24 0.00	29.44 2.38 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.05 2.38 0.00	38.83 2.71 0.00	39.07 2.73 0.00	32.64 1.67 0.01	32.20 1.94 0.01	30.95 2.21 0.00	27.70 2.47 0.00	26.01 2.17 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	30.76 2.59 -0.01	27.08 2.19 -0.01	25.67 2.01 -0.01	24.00 1.68 0.00	23.21 1.50 0.00	23.11 1.67 0.00	22.54 1.57 0.00	21.85 1.28 0.00	22.45 1.53 0.01	23.67 1.69 0.01	25.26 1.96 0.00	26.82 2.10 0.00	27.45 2.24 0.00	29.44 2.38 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.05 2.38 0.00	38.83 2.71 0.00	39.07 2.73 0.00	32.64 1.67 0.01	32.20 1.94 0.01	30.95 2.21 0.00	27.70 2.47 0.00	26.01 2.17 -0.01
ASTORIA_GT2_1 24094	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT2_2 24095	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT2_3 24096	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT2_4 24097	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT3_1 24098	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT3_2 24099	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT3_3 24100	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT3_4 24101	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT4_1 24102	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT4_2 24103	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT4_3 24104	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT4_4 24105	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.02 1.70 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.41 1.45 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.40 2.72 0.00	38.83 2.71 0.00	39.11 2.76 0.00	32.71 1.73 0.00	32.27 2.00 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
ASTORIA_GT_1 23523	30.85 2.68 -0.01	27.13 2.24 -0.01	25.74 2.08 -0.01	24.04 1.72 0.00	23.25 1.54 0.00	23.16 1.72 0.00	22.58 1.61 0.00	21.89 1.32 0.00	22.51 1.59 0.01	23.74 1.76 0.01	25.31 2.00 0.00	26.87 2.15 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.60 2.55 0.00	31.87 2.66 0.00	34.15 2.47 0.00	38.90 2.78 0.00	39.14 2.80 0.00	32.73 1.76 0.01	32.29 2.03 0.01	31.04 2.30 0.00	27.77 2.55 0.00	26.06 2.22 -0.01

ASTORIA_GT_10 24110	30.70 2.53 0.00	27.00 2.11 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.43 1.47 0.00	21.99 1.42 0.00	22.58 1.65 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.89 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.84 2.63 0.00	34.56 2.88 0.00	39.01 2.89 0.00	39.22 2.87 0.00	32.90 1.92 0.00	32.42 2.15 0.00	31.29 2.56 0.00	27.62 2.40 0.00	25.93 2.10 0.00
ASTORIA_GT_11 24225	30.70 2.53 0.00	27.00 2.11 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.43 1.47 0.00	21.99 1.42 0.00	22.58 1.65 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.89 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.84 2.63 0.00	34.56 2.88 0.00	39.01 2.89 0.00	39.22 2.87 0.00	32.90 1.92 0.00	32.42 2.15 0.00	31.29 2.56 0.00	27.62 2.40 0.00	25.93 2.10 0.00
ASTORIA_GT_12 24226	30.70 2.53 0.00	27.00 2.11 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.43 1.47 0.00	21.99 1.42 0.00	22.58 1.65 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.89 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.84 2.63 0.00	34.56 2.88 0.00	39.01 2.89 0.00	39.22 2.87 0.00	32.90 1.92 0.00	32.42 2.15 0.00	31.29 2.56 0.00	27.62 2.40 0.00	25.93 2.10 0.00
ASTORIA_GT_13 24227	30.70 2.53 0.00	27.00 2.11 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.43 1.47 0.00	21.99 1.42 0.00	22.58 1.65 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.89 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.84 2.63 0.00	34.56 2.88 0.00	39.01 2.89 0.00	39.22 2.87 0.00	32.90 1.92 0.00	32.42 2.15 0.00	31.29 2.56 0.00	27.62 2.40 0.00	25.93 2.10 0.00
ASTORIA_GT_5 24106	30.85 2.68 -0.01	27.13 2.24 -0.01	25.74 2.08 -0.01	24.04 1.72 0.00	23.25 1.54 0.00	23.16 1.72 0.00	22.58 1.61 0.00	21.89 1.32 0.00	22.51 1.59 0.01	23.74 1.76 0.01	25.31 2.00 0.00	26.87 2.15 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.60 2.55 0.00	31.87 2.66 0.00	34.15 2.47 0.00	38.90 2.78 0.00	39.14 2.80 0.00	32.73 1.76 0.01	32.29 2.03 0.01	31.04 2.30 0.00	27.77 2.55 0.00	26.06 2.22 -0.01
ASTORIA_GT_7 24107	30.85 2.68 -0.01	27.13 2.24 -0.01	25.74 2.08 -0.01	24.04 1.72 0.00	23.25 1.54 0.00	23.16 1.72 0.00	22.58 1.61 0.00	21.89 1.32 0.00	22.51 1.59 0.01	23.74 1.76 0.01	25.31 2.00 0.00	26.87 2.15 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.60 2.55 0.00	31.87 2.66 0.00	34.15 2.47 0.00	38.90 2.78 0.00	39.14 2.80 0.00	32.73 1.76 0.01	32.29 2.03 0.01	31.04 2.30 0.00	27.77 2.55 0.00	26.06 2.22 -0.01
ASTORIA_GT_8 24108	30.85 2.68 -0.01	27.13 2.24 -0.01	25.74 2.08 -0.01	24.04 1.72 0.00	23.25 1.54 0.00	23.18 1.74 0.00	22.46 1.49 0.00	21.97 1.40 0.00	22.56 1.63 0.00	23.77 1.78 0.00	25.31 2.00 0.00	26.87 2.15 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.60 2.55 0.00	31.87 2.66 0.00	34.46 2.79 0.00	38.90 2.78 0.00	39.18 2.83 0.00	32.77 1.80 0.00	32.33 2.06 0.00	31.44 2.70 0.00	27.78 2.55 0.00	26.08 2.24 -0.01
ASTORIA___2 24149	30.79 2.62 -0.01	27.08 2.19 -0.01	25.69 2.03 -0.01	24.00 1.68 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.54 1.57 0.00	21.85 1.28 0.00	22.47 1.55 0.01	23.69 1.72 0.01	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.05 2.38 0.00	38.83 2.71 0.00	39.07 2.73 0.00	32.67 1.70 0.01	32.23 1.97 0.01	30.98 2.24 0.00	27.73 2.50 0.00	26.01 2.17 -0.01
ASTORIA___3 23516	30.70 2.54 0.00	27.02 2.14 0.00	25.61 1.96 0.00	23.95 1.63 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.56 1.59 0.00	21.93 1.36 0.00	22.54 1.61 0.00	23.75 1.76 0.00	25.31 2.00 0.00	26.90 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.53 0.00	31.84 2.63 0.00	34.24 2.56 0.00	39.01 2.89 0.00	39.18 2.84 0.00	32.83 1.86 0.00	32.39 2.12 0.00	31.01 2.27 0.00	27.63 2.40 0.00	25.90 2.07 0.00
ASTORIA___4 23517	30.70 2.53 0.00	27.00 2.11 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.43 1.47 0.00	21.99 1.42 0.00	22.58 1.65 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.89 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.84 2.63 0.00	34.56 2.88 0.00	39.01 2.89 0.00	39.22 2.87 0.00	32.90 1.92 0.00	32.42 2.15 0.00	31.29 2.56 0.00	27.62 2.40 0.00	25.93 2.10 0.00
ASTORIA___5 23518	30.70 2.54 0.00	27.02 2.14 0.00	25.61 1.96 0.00	23.95 1.63 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.56 1.59 0.00	21.93 1.36 0.00	22.54 1.61 0.00	23.75 1.76 0.00	25.31 2.00 0.00	26.90 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.53 0.00	31.84 2.63 0.00	34.24 2.56 0.00	39.01 2.89 0.00	39.18 2.84 0.00	32.83 1.86 0.00	32.39 2.12 0.00	31.01 2.27 0.00	27.63 2.40 0.00	25.90 2.07 0.00
AST_ENERGY_2_CC3 323677	30.53 2.37 0.00	26.87 1.99 0.00	25.47 1.82 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.03 1.59 0.00	22.52 1.55 0.00	21.95 1.38 0.00	22.54 1.61 0.00	23.77 1.78 0.00	25.26 1.96 0.00	26.90 2.18 0.00	27.47 2.27 0.01	29.46 2.41 0.01	30.48 2.44 0.01	31.77 2.57 0.01	34.33 2.66 0.01	39.07 2.96 0.01	39.24 2.91 0.01	32.88 1.92 0.02	32.41 2.15 0.02	30.91 2.18 0.01	27.47 2.24 0.00	25.76 1.93 0.00
AST_ENERGY_2_CC4 323678	30.53 2.37 0.00	26.87 1.99 0.00	25.47 1.82 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.03 1.59 0.00	22.52 1.55 0.00	21.95 1.38 0.00	22.54 1.61 0.00	23.77 1.78 0.00	25.26 1.96 0.00	26.90 2.18 0.00	27.47 2.27 0.01	29.46 2.41 0.01	30.48 2.44 0.01	31.77 2.57 0.01	34.33 2.66 0.01	39.07 2.96 0.01	39.24 2.91 0.01	32.88 1.92 0.02	32.41 2.15 0.02	30.91 2.18 0.01	27.47 2.24 0.00	25.76 1.93 0.00
ATHENS_STG_1 23668	29.60 1.44 0.00	26.10 1.22 0.00	24.81 1.16 0.00	23.37 1.05 0.00	22.71 1.00 0.00	22.51 1.07 0.00	21.99 1.03 0.00	21.33 0.76 0.00	21.85 0.92 0.00	23.00 1.01 0.00	24.38 1.07 0.00	25.91 1.19 0.00	26.44 1.23 0.00	28.38 1.33 0.00	29.42 1.37 0.00	30.64 1.43 0.00	33.23 1.55 0.00	37.85 1.73 0.00	38.09 1.74 0.00	32.25 1.27 0.00	31.64 1.36 0.00	30.06 1.32 0.00	26.46 1.24 0.00	24.91 1.07 0.00
ATHENS_STG_2 23670	29.60 1.44 0.00	26.10 1.22 0.00	24.81 1.16 0.00	23.37 1.05 0.00	22.71 1.00 0.00	22.51 1.07 0.00	21.99 1.03 0.00	21.33 0.76 0.00	21.85 0.92 0.00	23.00 1.01 0.00	24.38 1.07 0.00	25.91 1.19 0.00	26.44 1.23 0.00	28.38 1.33 0.00	29.42 1.37 0.00	30.64 1.43 0.00	33.23 1.55 0.00	37.85 1.73 0.00	38.09 1.74 0.00	32.25 1.27 0.00	31.64 1.36 0.00	30.06 1.32 0.00	26.46 1.24 0.00	24.91 1.07 0.00

ATHENS_STG_3 23677	29.60 1.44 0.00	26.10 1.22 0.00	24.81 1.16 0.00	23.37 1.05 0.00	22.71 1.00 0.00	22.51 1.07 0.00	21.99 1.03 0.00	21.33 0.76 0.00	21.85 0.92 0.00	23.00 1.01 0.00	24.38 1.07 0.00	25.91 1.19 0.00	26.44 1.23 0.00	28.38 1.33 0.00	29.42 1.37 0.00	30.64 1.43 0.00	33.23 1.55 0.00	37.85 1.73 0.00	38.09 1.74 0.00	32.25 1.27 0.00	31.64 1.36 0.00	30.06 1.32 0.00	26.46 1.24 0.00	24.91 1.07 0.00
AUBURN____LFGE 323710	29.08 0.23 -0.69	25.31 0.27 -0.15	23.84 0.19 0.00	22.52 0.20 0.00	21.97 0.26 0.00	21.61 0.17 0.00	20.99 0.02 0.00	20.57 0.00 0.00	21.14 0.21 0.00	22.29 0.31 0.00	24.01 0.40 -0.31	25.61 0.35 -0.55	26.06 0.35 -0.50	28.27 0.41 -0.81	29.45 0.42 -0.98	30.79 0.41 -1.17	33.33 0.35 -1.30	38.97 0.61 -2.24	39.33 0.55 -2.44	33.24 0.68 -1.58	32.27 0.54 -1.46	30.33 0.43 -1.17	26.23 0.38 -0.62	24.72 0.45 -0.43
BABYLON_RES_REC 323704	34.33 3.24 -2.93	31.09 2.76 -3.45	27.37 2.58 -1.14	24.47 2.14 0.00	23.73 2.02 0.00	23.52 2.08 0.00	22.94 1.97 0.00	22.42 1.85 0.00	23.17 2.24 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.75 2.69 -1.34	32.69 2.80 -4.69	34.89 3.03 -4.80	38.06 3.14 -6.87	40.38 3.42 -7.76	42.16 3.64 -6.84	43.23 4.12 -3.00	49.51 4.07 -9.09	43.01 3.07 -8.96	41.56 3.24 -8.04	35.01 3.08 -3.19	30.31 2.95 -2.14	27.62 2.65 -1.14
BABYLON__69_KV_BK2 356345	34.79 3.69 -2.93	31.47 3.14 -3.45	27.74 2.96 -1.14	24.89 2.57 0.00	24.03 2.32 0.00	23.82 2.38 0.00	23.08 2.12 0.00	22.89 2.32 0.00	23.52 2.59 0.00	24.73 2.75 0.00	28.68 2.84 -2.53	29.12 3.07 -1.34	33.10 3.20 -4.69	35.35 3.49 -4.80	38.53 3.62 -6.87	40.88 3.91 -7.76	42.89 4.37 -6.84	43.92 4.80 -3.00	56.83 4.72 -15.77	43.63 3.69 -8.96	42.10 3.78 -8.04	35.61 3.68 -3.19	30.69 3.33 -2.14	27.98 3.00 -1.14
BARON_WINDS____WT_PWR 323822	28.76 0.45 -0.15	25.61 0.70 -0.03	24.24 0.59 0.00	22.99 0.67 0.00	22.45 0.74 0.00	21.89 0.45 0.00	21.51 0.54 0.00	20.78 0.21 0.00	21.58 0.65 0.00	22.76 0.77 0.00	24.24 0.86 -0.07	25.63 0.79 -0.12	26.13 0.81 -0.11	28.10 0.87 -0.18	29.19 0.92 -0.22	30.37 0.91 -0.26	32.88 0.92 -0.29	37.26 0.65 -0.49	37.39 0.51 -0.54	32.53 1.21 -0.35	31.56 0.97 -0.32	30.03 1.03 -0.26	26.07 0.71 -0.14	25.05 1.12 -0.10
BARRETT_IC_1 23704	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_10 23701	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_11 23702	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_12 23703	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_2 23705	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_3 23706	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_4 23707	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_5 23708	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_6 23709	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_7 23710	33.80 2.70 -2.93	30.74 2.41 -3.45	27.06 2.27 -1.14	24.29 1.96 0.00	23.47 1.76 0.00	23.28 1.84 0.00	22.60 1.64 0.00	22.34 1.77 0.00	22.96 2.03 0.00	24.19 2.20 0.00	28.12 2.28 -2.53	28.50 2.45 -1.34	32.34 2.45 -4.69	34.38 2.52 -4.80	37.50 2.58 -6.87	39.71 2.75 -7.76	41.65 3.14 -6.84	42.40 3.29 -3.00	45.10 3.27 -5.49	42.26 2.32 -8.96	40.83 2.51 -8.04	34.54 2.62 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.14

BARRETT_IC_8 23711	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT_IC_9 23700	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT___1 23545	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BARRETT___2 23546	33.83 2.73 -2.93	30.72 2.39 -3.45	27.07 2.27 -1.15	24.20 1.88 0.00	23.49 1.78 0.00	23.28 1.84 0.00	22.73 1.76 0.00	22.19 1.62 0.00	22.92 1.99 0.00	24.04 2.05 -0.01	28.13 2.29 -2.54	28.51 2.45 -1.35	32.34 2.44 -4.69	34.38 2.52 -4.80	37.49 2.58 -6.87	39.71 2.74 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.99 2.62 -2.14	27.29 2.31 -1.15
BATAVIA___115KV_TB1 55881	28.84 0.68 0.00	25.78 0.90 0.00	24.48 0.83 0.00	23.13 0.80 0.00	22.62 0.91 0.00	22.00 0.56 0.00	21.18 0.21 0.00	20.47 -0.10 0.00	21.39 0.46 0.00	22.78 0.79 0.00	24.28 0.98 0.00	25.56 0.84 0.00	26.07 0.86 0.00	28.01 0.95 0.00	29.08 1.04 0.00	30.20 0.99 0.00	32.09 0.41 0.00	36.81 0.69 0.00	36.85 0.51 0.00	32.46 1.49 0.00	31.39 1.12 0.00	29.57 0.83 0.00	26.03 0.81 0.00	25.26 1.43 0.00
BAYONEEC___CTG1 323682	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG10 323750	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG2 323683	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG3 323684	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG4 323685	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG5 323686	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG6 323687	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG7 323688	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG8 323689	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00
BAYONEEC___CTG9 323749	30.56 2.39 0.00	26.90 2.01 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.37 2.69 0.00	39.15 3.03 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.52 2.30 0.00	25.79 1.95 0.00

BEACON___LESR 323632	29.43 1.27 0.00	25.90 1.02 0.00	24.60 0.95 0.00	23.17 0.85 0.00	22.51 0.80 0.00	22.28 0.84 0.00	21.78 0.82 0.00	21.19 0.62 0.00	21.62 0.69 0.00	22.71 0.72 0.00	24.07 0.77 0.00	25.58 0.86 0.00	26.09 0.88 0.00	28.09 1.03 0.00	29.11 1.07 0.00	30.32 1.11 0.00	32.94 1.27 0.00	37.57 1.45 0.00	37.83 1.49 0.00	32.18 1.21 0.00	31.49 1.21 0.00	29.83 1.09 0.00	26.16 0.93 0.00	24.64 0.81 0.00
BEAVER RIVER___HYD 24048	28.99 0.45 -0.37	25.34 0.37 -0.08	23.98 0.33 0.00	22.61 0.29 0.00	21.99 0.28 0.00	21.65 0.21 0.00	21.20 0.23 0.00	20.80 0.23 0.00	21.16 0.23 0.00	22.03 0.04 0.00	23.54 0.07 -0.17	25.07 0.05 -0.30	25.48 0.00 -0.27	27.50 0.00 -0.44	28.61 0.03 -0.53	29.90 0.06 -0.64	32.51 0.13 -0.70	37.73 0.40 -1.21	38.25 0.58 -1.32	32.55 0.71 -0.86	31.73 0.67 -0.79	30.03 0.66 -0.63	25.99 0.43 -0.34	24.50 0.43 -0.24
BEEBEE_GT_13 23619	28.30 0.14 0.00	25.28 0.40 0.00	23.93 0.28 0.00	22.61 0.29 0.00	22.15 0.43 0.00	21.57 0.13 0.00	20.88 -0.08 0.00	20.34 -0.23 0.00	21.12 0.19 0.00	22.45 0.46 0.00	23.89 0.58 0.00	25.21 0.49 0.00	25.74 0.53 0.00	27.63 0.57 0.00	28.66 0.62 0.00	29.82 0.61 0.00	31.87 0.19 0.00	36.48 0.36 0.00	36.53 0.18 0.00	31.84 0.87 0.00	30.88 0.61 0.00	29.14 0.40 0.00	25.63 0.40 0.00	24.60 0.76 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.01 2.84 0.00	27.30 2.41 -0.01	25.88 2.22 -0.01	24.23 1.90 -0.01	23.48 1.76 -0.01	23.33 1.89 0.00	22.58 1.61 0.00	22.11 1.54 0.00	22.73 1.80 0.00	23.94 1.96 0.00	25.50 2.19 0.00	27.12 2.40 0.00	27.76 2.55 0.00	29.79 2.73 0.00	30.85 2.80 0.00	32.16 2.95 0.00	34.97 3.29 0.00	39.52 3.40 0.00	39.72 3.38 0.00	33.21 2.23 0.00	32.76 2.48 0.00	31.64 2.90 0.00	27.94 2.70 -0.02	26.22 2.38 -0.01
BETHLEHEM___GRP 23843	29.01 0.84 0.00	25.55 0.67 0.00	24.29 0.64 0.00	22.88 0.56 0.00	22.21 0.50 0.00	22.00 0.56 0.00	21.43 0.46 0.00	20.94 0.37 0.00	21.35 0.42 0.00	22.40 0.42 0.00	23.72 0.42 0.00	25.21 0.49 0.00	25.74 0.53 0.00	27.65 0.60 0.00	28.66 0.62 0.00	29.85 0.64 0.00	32.56 0.89 0.00	36.99 0.87 0.00	37.25 0.91 0.00	31.63 0.65 0.00	31.00 0.73 0.00	29.46 0.72 0.00	25.81 0.58 0.00	24.31 0.48 0.00
BETHLEHEM___GS1 323560	29.01 0.84 0.00	25.55 0.67 0.00	24.29 0.64 0.00	22.88 0.56 0.00	22.21 0.50 0.00	22.00 0.56 0.00	21.51 0.54 0.00	20.90 0.33 0.00	21.32 0.40 0.00	22.38 0.40 0.00	23.72 0.42 0.00	25.21 0.49 0.00	25.71 0.50 0.00	27.65 0.59 0.00	28.66 0.62 0.00	29.85 0.64 0.00	32.43 0.76 0.00	36.99 0.87 0.00	37.25 0.91 0.00	31.63 0.65 0.00	30.97 0.70 0.00	29.37 0.63 0.00	25.81 0.58 0.00	24.28 0.45 0.00
BETHLEHEM___GS2 323561	29.01 0.84 0.00	25.55 0.67 0.00	24.29 0.64 0.00	22.88 0.56 0.00	22.21 0.50 0.00	22.00 0.56 0.00	21.51 0.54 0.00	20.90 0.33 0.00	21.32 0.40 0.00	22.38 0.40 0.00	23.72 0.42 0.00	25.21 0.49 0.00	25.71 0.50 0.00	27.65 0.59 0.00	28.66 0.62 0.00	29.85 0.64 0.00	32.43 0.76 0.00	36.99 0.87 0.00	37.25 0.91 0.00	31.63 0.65 0.00	30.97 0.70 0.00	29.37 0.63 0.00	25.81 0.58 0.00	24.28 0.45 0.00
BETHLEHEM___GS3 323562	29.01 0.84 0.00	25.55 0.67 0.00	24.29 0.64 0.00	22.88 0.56 0.00	22.21 0.50 0.00	22.00 0.56 0.00	21.51 0.54 0.00	20.90 0.33 0.00	21.32 0.40 0.00	22.38 0.40 0.00	23.72 0.42 0.00	25.21 0.49 0.00	25.71 0.50 0.00	27.65 0.59 0.00	28.66 0.62 0.00	29.85 0.64 0.00	32.43 0.76 0.00	36.99 0.87 0.00	37.25 0.91 0.00	31.63 0.65 0.00	30.97 0.70 0.00	29.37 0.63 0.00	25.81 0.58 0.00	24.28 0.45 0.00
BETHLEHEM___STEEL 23779	28.59 0.42 0.00	25.63 0.75 0.00	24.29 0.64 0.00	22.95 0.63 0.00	22.51 0.80 0.00	21.80 0.36 0.00	21.03 0.06 0.00	20.32 -0.25 0.00	21.32 0.40 0.00	22.76 0.77 0.00	24.28 0.98 0.00	25.58 0.87 0.00	26.09 0.88 0.00	27.98 0.92 0.00	29.05 1.01 0.00	30.14 0.93 0.00	31.99 0.32 0.00	36.52 0.40 0.00	36.49 0.15 0.00	32.12 1.15 0.00	31.06 0.79 0.00	29.28 0.55 0.00	25.83 0.61 0.00	25.12 1.29 0.00
BETHLHEM_115KV_TB1 79974	29.07 0.90 0.00	25.60 0.72 0.00	24.36 0.71 0.00	22.97 0.65 0.00	22.30 0.59 0.00	22.08 0.64 0.00	21.49 0.52 0.00	20.98 0.41 0.00	21.41 0.48 0.00	22.47 0.48 0.00	23.82 0.51 0.00	25.31 0.59 0.00	25.82 0.61 0.00	27.73 0.68 0.00	28.75 0.70 0.00	29.97 0.76 0.00	32.66 0.98 0.00	37.10 0.98 0.00	37.36 1.02 0.00	31.72 0.74 0.00	31.09 0.82 0.00	29.54 0.80 0.00	25.88 0.66 0.00	24.38 0.55 0.00
BETHPAGE_CC_5 323564	34.14 3.04 -2.93	30.97 2.64 -3.45	27.25 2.46 -1.14	24.40 2.08 0.00	23.67 1.95 0.00	23.45 2.01 0.00	22.89 1.93 0.00	22.36 1.79 0.00	23.10 2.18 0.00	24.21 2.22 0.00	28.31 2.47 -2.53	28.75 2.69 -1.34	32.64 2.75 -4.69	34.81 2.95 -4.80	37.97 3.06 -6.87	40.24 3.27 -7.76	42.00 3.48 -6.84	43.02 3.90 -3.00	47.40 3.85 -7.20	42.79 2.85 -8.96	41.34 3.03 -8.04	34.83 2.90 -3.19	30.21 2.85 -2.14	27.50 2.53 -1.14
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.64 0.48 0.00	25.65 0.77 0.00	24.31 0.66 0.00	22.99 0.67 0.00	22.56 0.85 0.00	21.85 0.41 0.00	21.07 0.10 0.00	20.36 -0.21 0.00	21.39 0.46 0.00	22.82 0.84 0.00	24.35 1.05 0.00	25.66 0.94 0.00	26.17 0.96 0.00	28.06 1.00 0.00	29.17 1.12 0.00	30.23 1.02 0.00	32.09 0.41 0.00	36.63 0.51 0.00	36.60 0.25 0.00	32.22 1.24 0.00	31.15 0.88 0.00	29.37 0.63 0.00	25.88 0.66 0.00	25.17 1.33 0.00
BINGHAMTON___COGEN 23790	28.90 0.45 -0.29	25.44 0.50 -0.06	24.10 0.45 0.00	22.77 0.45 0.00	22.19 0.48 0.00	21.83 0.39 0.00	21.20 0.23 0.00	20.69 0.12 0.00	21.32 0.40 0.00	22.49 0.51 0.00	24.02 0.58 -0.13	25.52 0.57 -0.23	26.02 0.61 -0.21	28.02 0.62 -0.34	29.13 0.67 -0.41	30.37 0.67 -0.49	32.82 0.60 -0.54	37.81 0.76 -0.93	38.05 0.69 -1.02	32.47 0.84 -0.66	31.61 0.73 -0.61	29.83 0.60 -0.49	26.04 0.56 -0.26	24.68 0.67 -0.18
BIXINCNT_115KV_LOAD 355685	28.64 0.48 0.00	25.65 0.77 0.00	24.34 0.69 0.00	22.99 0.67 0.00	22.58 0.87 0.00	21.91 0.47 0.00	21.18 0.21 0.00	20.51 -0.06 0.00	21.55 0.63 0.00	22.98 0.99 0.00	24.52 1.21 0.00	25.81 1.09 0.00	26.29 1.08 0.00	28.19 1.14 0.00	29.31 1.26 0.00	30.35 1.14 0.00	32.28 0.60 0.00	36.81 0.69 0.00	36.74 0.40 0.00	32.37 1.39 0.00	31.24 0.97 0.00	29.51 0.78 0.00	25.98 0.76 0.00	25.21 1.38 0.00
BLACK RIVER___HYD 24047	29.53 0.73 -0.63	25.67 0.65 -0.14	24.22 0.57 0.00	22.86 0.53 0.00	22.21 0.50 0.00	21.85 0.41 0.00	21.39 0.42 0.00	20.90 0.33 0.00	21.30 0.38 0.00	22.18 0.20 0.00	23.82 0.23 -0.29	25.44 0.22 -0.50	25.82 0.15 -0.46	27.94 0.14 -0.74	29.14 0.20 -0.90	30.52 0.23 -1.08	33.19 0.32 -1.19	38.86 0.68 -2.05	39.49 0.91 -2.24	33.51 1.08 -1.45	32.67 1.06 -1.34	30.87 1.06 -1.07	26.50 0.71 -0.57	24.92 0.69 -0.40

BLACKRVR_115KV_TB2 79977	29.53 0.73 -0.63	25.67 0.65 -0.14	24.22 0.57 0.00	22.84 0.51 0.00	22.21 0.50 0.00	21.85 0.41 0.00	21.34 0.38 0.00	20.88 0.31 0.00	21.28 0.36 0.00	22.16 0.18 0.00	23.82 0.23 -0.29	25.45 0.22 -0.50	25.82 0.15 -0.46	27.94 0.14 -0.74	29.14 0.20 -0.90	30.52 0.23 -1.08	33.09 0.22 -1.19	38.82 0.65 -2.05	39.46 0.87 -2.24	33.45 1.02 -1.45	32.61 1.00 -1.34	30.76 0.95 -1.07	26.50 0.71 -0.57	24.92 0.69 -0.40
BLISS_WT_PWR 323608	28.50 0.34 0.00	25.60 0.72 0.00	24.29 0.64 0.00	23.01 0.69 0.00	22.58 0.87 0.00	21.91 0.47 0.00	21.62 0.65 0.00	20.80 0.23 0.00	21.81 0.88 0.00	23.04 1.06 0.00	24.52 1.21 0.00	25.81 1.09 0.00	26.27 1.06 0.00	28.19 1.14 0.00	29.28 1.23 0.00	30.35 1.14 0.00	32.78 1.11 0.00	36.59 0.47 0.00	36.60 0.26 0.00	32.31 1.33 0.00	31.18 0.91 0.00	29.89 1.15 0.00	25.96 0.73 0.00	25.24 1.41 0.00
BLUE_CIRC_CHEM_DRP 24182	29.43 1.27 0.00	25.95 1.07 0.00	24.67 1.02 0.00	23.28 0.96 0.00	22.62 0.91 0.00	22.38 0.94 0.00	21.76 0.80 0.00	21.23 0.66 0.00	21.66 0.73 0.00	22.76 0.77 0.00	24.10 0.79 0.00	25.58 0.87 0.00	26.12 0.91 0.00	28.06 1.00 0.00	29.08 1.04 0.00	30.29 1.08 0.00	33.01 1.33 0.00	37.49 1.37 0.00	37.80 1.45 0.00	32.15 1.18 0.00	31.48 1.21 0.00	29.89 1.15 0.00	26.19 0.96 0.00	24.69 0.86 0.00
BOC_GAS_DRP 24189	29.26 1.10 0.00	25.80 0.92 0.00	24.55 0.90 0.00	23.15 0.83 0.00	22.47 0.76 0.00	22.25 0.81 0.00	21.66 0.69 0.00	21.13 0.56 0.00	21.58 0.65 0.00	22.69 0.70 0.00	24.03 0.72 0.00	25.53 0.82 0.00	26.04 0.83 0.00	27.98 0.92 0.00	29.00 0.95 0.00	30.20 0.99 0.00	32.88 1.20 0.00	37.35 1.23 0.00	37.62 1.27 0.00	31.94 0.96 0.00	31.30 1.03 0.00	29.77 1.03 0.00	26.11 0.88 0.00	24.60 0.76 0.00
BOONVILLE_115KV_TB1 79983	28.99 0.65 -0.18	25.49 0.57 -0.04	24.17 0.52 0.00	22.81 0.49 0.00	22.17 0.46 0.00	21.87 0.43 0.00	21.36 0.40 0.00	20.94 0.37 0.00	21.37 0.44 0.00	22.36 0.37 0.00	23.80 0.42 -0.08	25.28 0.42 -0.14	25.72 0.38 -0.13	27.67 0.41 -0.21	28.78 0.48 -0.25	30.01 0.50 -0.30	32.58 0.57 -0.34	37.53 0.83 -0.58	37.88 0.91 -0.63	32.32 0.93 -0.41	31.53 0.88 -0.38	29.84 0.80 -0.30	26.02 0.63 -0.16	24.54 0.60 -0.11
BORALEX_4TH_BRANCH 23824	29.99 1.83 0.00	26.43 1.54 0.00	25.12 1.47 0.00	23.57 1.25 0.00	22.88 1.17 0.00	22.66 1.22 0.00	22.18 1.22 0.00	21.43 0.86 0.00	21.95 1.03 0.00	23.09 1.10 0.00	24.40 1.10 0.00	25.98 1.26 0.00	26.44 1.23 0.00	28.38 1.33 0.00	29.39 1.35 0.00	30.67 1.46 0.00	33.35 1.68 0.00	38.03 1.91 0.00	38.38 2.03 0.00	32.62 1.64 0.00	31.94 1.66 0.00	30.29 1.55 0.00	26.56 1.34 0.00	25.00 1.17 0.00
BOWLINE___1 23526	30.16 2.00 0.00	26.57 1.69 0.00	25.23 1.58 0.00	23.66 1.34 0.00	22.97 1.26 0.00	22.81 1.37 0.00	22.33 1.36 0.00	21.74 1.17 0.00	22.35 1.42 0.00	23.55 1.56 0.00	25.00 1.70 0.00	26.57 1.85 0.00	27.15 1.94 0.00	29.14 2.08 0.00	30.20 2.16 0.00	31.46 2.25 0.00	34.08 2.41 0.00	38.83 2.71 0.00	39.03 2.69 0.00	32.83 1.86 0.00	32.27 2.00 0.00	30.72 1.98 0.00	27.12 1.89 0.00	25.45 1.62 0.00
BOWLINE___2 23595	30.16 2.00 0.00	26.57 1.69 0.00	25.23 1.58 0.00	23.66 1.34 0.00	22.97 1.26 0.00	22.81 1.37 0.00	22.33 1.36 0.00	21.74 1.17 0.00	22.35 1.42 0.00	23.55 1.56 0.00	25.00 1.70 0.00	26.57 1.85 0.00	27.15 1.94 0.00	29.14 2.08 0.00	30.20 2.16 0.00	31.46 2.25 0.00	34.08 2.41 0.00	38.83 2.71 0.00	39.03 2.69 0.00	32.83 1.86 0.00	32.27 2.00 0.00	30.72 1.98 0.00	27.12 1.89 0.00	25.45 1.62 0.00
BRADY___115KV_TB2 356060	27.85 -0.31 0.00	24.56 -0.32 0.00	23.34 -0.31 0.00	22.01 -0.31 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.84 -0.13 0.00	20.59 0.02 0.00	20.72 -0.21 0.00	21.66 -0.33 0.00	22.93 -0.37 0.00	24.30 -0.42 0.00	24.78 -0.43 0.00	26.60 -0.46 0.00	27.57 -0.48 0.00	28.68 -0.53 0.00	31.07 -0.60 0.00	35.65 -0.47 0.00	36.02 -0.33 0.00	30.73 -0.25 0.00	29.97 -0.30 0.00	28.39 -0.34 0.00	24.85 -0.38 0.00	23.45 -0.38 0.00
BRANSCOMB___SOLAR 323811	29.88 1.72 0.00	26.30 1.42 0.00	24.97 1.32 0.00	23.53 1.20 0.00	22.86 1.15 0.00	22.62 1.18 0.00	22.12 1.15 0.00	21.41 0.84 0.00	21.87 0.94 0.00	23.00 1.01 0.00	24.31 1.00 0.00	25.78 1.06 0.00	26.27 1.06 0.00	28.22 1.16 0.00	29.25 1.21 0.00	30.49 1.28 0.00	33.16 1.49 0.00	37.85 1.73 0.00	38.31 1.96 0.00	32.71 1.73 0.00	32.06 1.79 0.00	30.37 1.64 0.00	26.61 1.39 0.00	25.05 1.21 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.56 3.46 -2.93	31.27 2.94 -3.45	27.58 2.79 -1.14	24.73 2.41 0.00	23.90 2.19 0.00	23.69 2.25 0.00	22.96 1.99 0.00	22.77 2.20 0.00	23.40 2.47 0.00	24.58 2.59 0.00	28.49 2.66 -2.53	28.90 2.84 -1.34	32.90 3.00 -4.69	35.11 3.25 -4.80	38.28 3.37 -6.87	40.59 3.62 -7.76	42.57 4.05 -6.84	43.52 4.41 -3.00	68.55 4.25 -27.96	43.25 3.31 -8.96	41.77 3.45 -8.04	35.35 3.42 -3.19	30.47 3.10 -2.14	27.76 2.79 -1.14
BRISTLHL_115KV_TB1 79998	29.15 -0.39 -1.38	24.91 -0.27 -0.30	23.34 -0.31 0.00	22.08 -0.25 0.00	21.49 -0.22 0.00	21.16 -0.28 0.00	20.59 -0.38 0.00	20.18 -0.39 0.00	20.66 -0.27 0.00	21.74 -0.24 0.00	23.70 -0.23 -0.63	25.55 -0.27 -1.11	25.91 -0.30 -1.01	28.36 -0.32 -1.63	29.69 -0.34 -1.98	31.22 -0.35 -2.36	33.79 -0.51 -2.62	40.15 -0.47 -4.50	40.75 -0.51 -4.91	33.89 -0.28 -3.19	32.87 -0.33 -2.93	30.71 -0.37 -2.35	26.20 -0.28 -1.25	24.52 -0.19 -0.88
BROOKHAVEN___DRP 24191	34.56 3.46 -2.93	31.27 2.94 -3.45	27.58 2.79 -1.14	24.76 2.43 0.00	23.90 2.19 0.00	23.67 2.23 0.00	22.94 1.97 0.00	22.87 2.30 0.00	23.48 2.55 0.00	24.49 2.51 0.00	28.31 2.47 -2.53	28.65 2.60 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.00 3.08 -6.87	40.36 3.39 -7.76	42.35 3.83 -6.84	43.34 4.23 -3.00	63.99 4.18 -23.46	43.13 3.19 -8.96	41.59 3.27 -8.04	35.09 3.16 -3.19	30.27 2.90 -2.14	27.60 2.62 -1.14
BROOKLYN_NAVY_YARD 23515	30.56 2.39 0.00	26.87 1.99 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.56 1.59 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.83 1.85 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.40 2.72 0.00	39.19 3.07 0.00	39.36 3.01 0.00	32.96 1.98 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.55 2.32 0.00	25.79 1.95 0.00
BROOKLYN___ARMY_DRP 323595	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01



BROOKVLE_69_KV_TB1 55790	34.03 2.93 -2.93	30.82 2.49 -3.45	27.11 2.32 -1.14	24.33 2.01 0.00	23.56 1.85 0.00	23.37 1.93 0.00	22.69 1.72 0.00	22.38 1.81 0.00	23.00 2.07 0.00	24.25 2.26 0.00	28.26 2.42 -2.53	28.70 2.64 -1.34	32.67 2.77 -4.69	34.84 2.98 -4.80	37.97 3.06 -6.87	40.12 3.15 -7.76	42.07 3.55 -6.84	42.87 3.76 -3.00	45.57 3.74 -5.49	42.67 2.73 -8.96	41.19 2.88 -8.04	34.95 3.02 -3.19	30.09 2.72 -2.14	27.38 2.41 -1.14
BROOME_2_LFGE 323671	28.87 0.42 -0.29	25.42 0.47 -0.06	24.10 0.45 0.00	22.79 0.47 0.00	22.19 0.48 0.00	21.83 0.39 0.00	21.39 0.42 0.00	20.78 0.21 0.00	21.41 0.48 0.00	22.51 0.53 0.00	24.02 0.58 -0.13	25.52 0.57 -0.23	26.02 0.60 -0.21	28.02 0.62 -0.34	29.13 0.67 -0.41	30.37 0.67 -0.49	32.95 0.73 -0.54	37.77 0.72 -0.93	38.02 0.65 -1.02	32.47 0.84 -0.66	31.61 0.73 -0.61	29.94 0.72 -0.49	26.04 0.55 -0.26	24.68 0.67 -0.18
BROOME___LFGE 323600	28.87 0.42 -0.29	25.42 0.47 -0.06	24.10 0.45 0.00	22.79 0.47 0.00	22.19 0.48 0.00	21.83 0.39 0.00	21.39 0.42 0.00	20.78 0.21 0.00	21.41 0.48 0.00	22.51 0.53 0.00	24.02 0.58 -0.13	25.52 0.57 -0.23	26.02 0.60 -0.21	28.02 0.62 -0.34	29.13 0.67 -0.41	30.37 0.67 -0.49	32.95 0.73 -0.54	37.77 0.72 -0.93	38.02 0.65 -1.02	32.47 0.84 -0.66	31.61 0.73 -0.61	29.94 0.72 -0.49	26.04 0.55 -0.26	24.68 0.67 -0.18
BROWNFLS_115KV_TB_3_5 80003	28.42 0.00 -0.25	24.91 -0.02 -0.06	23.58 -0.07 0.00	22.26 -0.07 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.95 -0.02 0.00	20.61 0.04 0.00	20.86 -0.06 0.00	21.79 -0.20 0.00	23.21 -0.21 -0.12	24.68 -0.25 -0.20	25.09 -0.30 -0.19	27.03 -0.32 -0.30	28.10 -0.31 -0.36	29.32 -0.32 -0.43	31.81 -0.35 -0.48	36.84 -0.11 -0.83	37.25 0.00 -0.90	31.69 0.12 -0.59	30.90 0.09 -0.54	29.23 0.06 -0.43	25.43 -0.03 -0.23	23.95 -0.05 -0.16
BROWNSV1_27_KV_LOAD 356125	30.84 2.68 0.00	27.15 2.26 0.00	25.73 2.08 0.00	24.11 1.79 0.00	23.36 1.65 0.00	23.26 1.82 0.00	22.62 1.66 0.00	22.22 1.65 0.00	22.83 1.90 0.00	24.05 2.07 0.00	25.54 2.24 0.00	27.19 2.47 0.00	27.81 2.60 0.00	29.82 2.76 0.00	30.85 2.80 0.00	32.16 2.95 0.00	35.00 3.33 0.00	39.59 3.47 0.00	39.76 3.42 0.00	33.33 2.35 0.00	32.85 2.57 0.00	31.52 2.79 0.00	27.80 2.57 0.00	26.05 2.22 0.00
BURROWS___LYONSDAL 23803	29.00 0.62 -0.22	25.48 0.55 -0.05	24.15 0.50 0.00	22.77 0.45 0.00	22.15 0.43 0.00	21.83 0.39 0.00	21.34 0.38 0.00	20.92 0.35 0.00	21.32 0.40 0.00	22.29 0.31 0.00	23.75 0.35 -0.10	25.24 0.35 -0.17	25.67 0.30 -0.16	27.64 0.32 -0.25	28.75 0.39 -0.31	29.99 0.41 -0.37	32.56 0.48 -0.41	37.58 0.76 -0.70	37.98 0.87 -0.77	32.34 0.87 -0.50	31.58 0.85 -0.46	29.88 0.78 -0.37	26.03 0.61 -0.20	24.54 0.57 -0.14
CAITHNESS_CC_1 323624	34.47 3.38 -2.93	31.24 2.91 -3.45	27.51 2.72 -1.14	24.58 2.25 0.00	23.84 2.13 0.00	23.60 2.16 0.00	23.02 2.06 0.00	22.61 2.04 0.00	23.37 2.45 0.00	24.16 2.18 0.00	28.28 2.45 -2.53	28.63 2.57 -1.34	32.59 2.70 -4.69	34.81 2.95 -4.80	37.97 3.06 -6.87	40.30 3.33 -7.76	42.10 3.58 -6.84	43.23 4.12 -3.00	63.76 4.03 -23.39	43.01 3.07 -8.96	41.46 3.15 -8.04	34.89 2.96 -3.19	30.21 2.85 -2.14	27.55 2.57 -1.14
CALPINE BETH_PAGE_GT4 24209	34.05 2.96 -2.93	30.92 2.59 -3.45	27.22 2.44 -1.14	24.47 2.14 0.00	23.66 1.95 0.00	23.46 2.02 0.00	22.77 1.80 0.00	22.50 1.93 0.00	23.12 2.20 0.00	24.36 2.37 0.00	28.28 2.45 -2.53	28.73 2.67 -1.34	32.57 2.67 -4.69	34.73 2.87 -4.80	37.89 2.97 -6.87	40.15 3.18 -7.76	42.10 3.58 -6.84	42.91 3.79 -3.00	46.86 3.78 -6.73	42.73 2.79 -8.96	41.28 2.97 -8.04	34.89 2.96 -3.19	30.19 2.83 -2.14	27.48 2.50 -1.14
CALPINE_BETH_PAGE_GT_4 323586	34.05 2.96 -2.93	30.94 2.61 -3.45	27.22 2.44 -1.14	24.40 2.08 0.00	23.67 1.95 0.00	23.45 2.01 0.00	22.89 1.93 0.00	22.36 1.79 0.00	23.10 2.18 0.00	24.21 2.22 0.00	28.28 2.45 -2.53	28.73 2.67 -1.34	32.57 2.67 -4.69	34.73 2.87 -4.80	37.89 2.97 -6.87	40.15 3.18 -7.76	41.91 3.39 -6.84	42.91 3.79 -3.00	46.82 3.74 -6.73	42.70 2.76 -8.96	41.25 2.94 -8.04	34.75 2.82 -3.19	30.19 2.82 -2.14	27.48 2.50 -1.14
CALPINE_BP_GT1 23823	34.05 2.96 -2.93	30.94 2.61 -3.45	27.22 2.44 -1.14	24.40 2.08 0.00	23.67 1.95 0.00	23.45 2.01 0.00	22.89 1.93 0.00	22.36 1.79 0.00	23.10 2.18 0.00	24.21 2.22 0.00	28.28 2.45 -2.53	28.73 2.67 -1.34	32.57 2.67 -4.69	34.73 2.87 -4.80	37.89 2.97 -6.87	40.15 3.18 -7.76	41.91 3.39 -6.84	42.91 3.79 -3.00	46.82 3.74 -6.73	42.70 2.76 -8.96	41.25 2.94 -8.04	34.75 2.82 -3.19	30.19 2.82 -2.14	27.48 2.50 -1.14
CALSPAN___DRP 24200	28.59 0.42 0.00	25.63 0.75 0.00	24.29 0.64 0.00	22.95 0.63 0.00	22.51 0.80 0.00	21.80 0.36 0.00	21.03 0.06 0.00	20.32 -0.25 0.00	21.32 0.40 0.00	22.76 0.77 0.00	24.28 0.98 0.00	25.58 0.87 0.00	26.09 0.88 0.00	27.98 0.92 0.00	29.05 1.01 0.00	30.14 0.93 0.00	31.99 0.32 0.00	36.52 0.40 0.00	36.49 0.15 0.00	32.12 1.15 0.00	31.06 0.79 0.00	29.28 0.55 0.00	25.83 0.61 0.00	25.12 1.29 0.00
CALVERTON___SOLAR 323806	34.67 3.58 -2.93	31.44 3.11 -3.45	27.70 2.91 -1.14	24.76 2.43 0.00	23.99 2.28 0.00	23.76 2.32 0.00	23.17 2.20 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.23 2.24 0.00	28.35 2.52 -2.53	28.73 2.67 -1.34	32.72 2.82 -4.69	34.95 3.08 -4.80	38.11 3.20 -6.87	40.47 3.50 -7.76	42.32 3.80 -6.84	43.52 4.41 -3.00	64.19 4.36 -23.49	43.26 3.32 -8.96	41.71 3.39 -8.04	35.06 3.13 -3.19	30.34 2.98 -2.14	27.67 2.69 -1.14
CANDIGU_WT_PWR 323617	28.76 0.45 -0.15	25.61 0.70 -0.03	24.24 0.59 0.00	22.99 0.67 0.00	22.45 0.74 0.00	21.89 0.45 0.00	21.51 0.54 0.00	20.78 0.21 0.00	21.58 0.65 0.00	22.76 0.77 0.00	24.24 0.86 -0.07	25.63 0.79 -0.12	26.13 0.81 -0.11	28.10 0.87 -0.18	29.19 0.92 -0.22	30.37 0.91 -0.26	32.88 0.92 -0.29	37.26 0.65 -0.49	37.39 0.51 -0.54	32.53 1.21 -0.35	31.56 0.97 -0.32	30.03 1.03 -0.26	26.07 0.71 -0.14	25.05 1.12 -0.10
CARR STREET_E_SYR 24060	28.18 -0.39 -0.41	24.75 -0.22 -0.09	23.49 -0.16 0.00	22.21 -0.11 0.00	21.62 -0.09 0.00	21.27 -0.17 0.00	20.82 -0.15 0.00	20.34 -0.23 0.00	20.82 -0.10 0.00	21.90 -0.09 0.00	23.42 -0.07 -0.19	24.95 -0.10 -0.33	25.33 -0.18 -0.30	27.27 -0.27 -0.48	28.38 -0.25 -0.59	29.62 -0.29 -0.70	32.17 -0.29 -0.78	37.10 -0.36 -1.34	37.41 -0.40 -1.46	31.74 -0.18 -0.95	30.90 -0.24 -0.87	29.21 -0.23 -0.70	25.42 -0.18 -0.37	24.07 -0.02 -0.26
CARTHAGE___PAPER 23857	29.23 0.53 -0.53	25.45 0.45 -0.12	24.05 0.40 0.00	22.68 0.36 0.00	22.04 0.33 0.00	21.70 0.26 0.00	21.24 0.27 0.00	20.82 0.25 0.00	21.16 0.23 0.00	22.03 0.04 0.00	23.62 0.07 -0.24	25.22 0.07 -0.42	25.60 0.00 -0.39	27.66 -0.03 -0.62	28.83 0.03 -0.76	30.17 0.06 -0.91	32.81 0.13 -1.01	38.32 0.47 -1.73	38.96 0.73 -1.88	33.04 0.84 -1.22	32.22 0.82 -1.13	30.47 0.83 -0.90	26.26 0.55 -0.48	24.69 0.52 -0.34

CASSADAGA_WT_PWR 323784	28.89 0.73 0.00	25.93 1.04 0.00	24.60 0.95 0.00	23.30 0.98 0.00	22.80 1.09 0.00	22.11 0.67 0.00	21.83 0.86 0.00	21.04 0.47 0.00	22.04 1.11 0.00	23.31 1.32 0.00	24.80 1.49 0.00	26.15 1.43 0.00	26.67 1.46 0.00	28.57 1.51 0.00	29.64 1.60 0.00	30.70 1.49 0.00	33.20 1.52 0.00	37.10 0.98 0.00	37.11 0.76 0.00	32.65 1.67 0.00	31.54 1.27 0.00	30.20 1.46 0.00	26.24 1.01 0.00	25.45 1.62 0.00
CE_DUNWOOD___DRP 24194	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.10 1.39 0.00	22.96 1.52 0.00	22.33 1.36 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.70 1.71 0.00	25.15 1.84 0.00	26.75 2.03 0.00	27.33 2.12 0.00	29.33 2.27 0.00	30.37 2.33 0.00	31.66 2.45 0.00	34.46 2.79 0.00	39.05 2.93 0.00	39.25 2.91 0.00	32.99 2.01 0.00	32.45 2.18 0.00	31.04 2.30 0.00	27.32 2.09 0.00	25.64 1.81 0.00
CE_MILLWOOD___DRP 24193	30.30 2.14 0.00	26.67 1.79 0.00	25.33 1.68 0.00	23.77 1.45 0.00	23.06 1.35 0.00	22.92 1.48 0.00	22.29 1.32 0.00	21.89 1.32 0.00	22.45 1.53 0.00	23.66 1.67 0.00	25.10 1.79 0.00	26.67 1.95 0.00	27.25 2.04 0.00	29.25 2.19 0.00	30.29 2.24 0.00	31.58 2.37 0.00	34.40 2.72 0.00	38.94 2.82 0.00	39.18 2.83 0.00	32.93 1.95 0.00	32.39 2.12 0.00	30.95 2.21 0.00	27.25 2.02 0.00	25.57 1.74 0.00
CE_NYC2_DRP 24202	30.70 2.53 0.00	27.02 2.14 0.00	25.61 1.96 0.00	24.00 1.67 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.46 1.49 0.00	22.01 1.44 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.55 2.34 0.00	29.55 2.49 0.00	30.60 2.55 0.00	31.87 2.66 0.00	34.59 2.91 0.00	39.08 2.96 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	31.32 2.59 0.00	27.65 2.42 0.00	25.93 2.10 0.00
CE_NYC_DRP 24195	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.55 2.34 0.00	29.55 2.49 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.23 3.11 0.00	39.40 3.05 0.00	33.02 2.04 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.83 2.00 0.00
CHAFFEE___LFGE 323603	28.53 0.37 0.00	25.65 0.77 0.00	24.31 0.66 0.00	23.04 0.71 0.00	22.58 0.87 0.00	21.85 0.41 0.00	21.53 0.57 0.00	20.71 0.15 0.00	21.64 0.71 0.00	22.89 0.90 0.00	24.33 1.02 0.00	25.66 0.94 0.00	26.17 0.96 0.00	28.06 1.00 0.00	29.17 1.12 0.00	30.23 1.02 0.00	32.72 1.04 0.00	36.44 0.32 0.00	36.49 0.15 0.00	32.18 1.21 0.00	31.15 0.88 0.00	29.77 1.03 0.00	25.91 0.68 0.00	25.19 1.36 0.00
CHATEAUG_35_KV_LOAD 355732	27.74 -0.42 0.00	24.48 -0.40 0.00	23.30 -0.35 0.00	21.99 -0.33 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.84 -0.13 0.00	20.59 0.02 0.00	20.74 -0.19 0.00	21.72 -0.26 0.00	22.98 -0.33 0.00	24.32 -0.40 0.00	24.83 -0.38 0.00	26.65 -0.41 0.00	27.60 -0.45 0.00	28.71 -0.50 0.00	31.04 -0.63 0.00	35.54 -0.58 0.00	35.84 -0.51 0.00	30.54 -0.43 0.00	29.76 -0.51 0.00	28.13 -0.60 0.00	24.65 -0.58 0.00	23.26 -0.57 0.00
CHATEAUG_WT_PWR 323614	27.77 -0.39 0.00	24.53 -0.35 0.00	23.34 -0.31 0.00	22.01 -0.31 0.00	21.43 -0.28 0.00	21.16 -0.28 0.00	20.69 -0.27 0.00	20.59 0.02 0.00	20.76 -0.17 0.00	21.77 -0.22 0.00	23.03 -0.28 0.00	24.40 -0.32 0.00	24.88 -0.33 0.00	26.71 -0.35 0.00	27.65 -0.39 0.00	28.80 -0.41 0.00	31.11 -0.57 0.00	35.61 -0.51 0.00	35.91 -0.43 0.00	30.61 -0.37 0.00	29.76 -0.51 0.00	28.16 -0.57 0.00	24.67 -0.56 0.00	23.31 -0.52 0.00
CHAT_HIGH_FALL_HYD 323578	27.74 -0.42 0.00	24.48 -0.40 0.00	23.30 -0.35 0.00	21.96 -0.36 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.65 -0.31 0.00	20.57 0.00 0.00	20.70 -0.23 0.00	21.70 -0.29 0.00	22.98 -0.33 0.00	24.32 -0.40 0.00	24.83 -0.38 0.00	26.65 -0.41 0.00	27.60 -0.45 0.00	28.71 -0.50 0.00	31.04 -0.63 0.00	35.54 -0.58 0.00	35.84 -0.51 0.00	30.54 -0.43 0.00	29.73 -0.54 0.00	28.10 -0.63 0.00	24.65 -0.58 0.00	23.26 -0.57 0.00
CHAUTAUQUA___LFGE 323629	28.76 0.59 0.00	25.83 0.95 0.00	24.50 0.85 0.00	23.24 0.92 0.00	22.73 1.02 0.00	22.02 0.58 0.00	21.74 0.78 0.00	20.94 0.37 0.00	21.93 1.00 0.00	23.19 1.21 0.00	24.66 1.35 0.00	25.98 1.26 0.00	26.50 1.29 0.00	28.41 1.35 0.00	29.50 1.46 0.00	30.58 1.37 0.00	33.07 1.39 0.00	36.91 0.79 0.00	36.92 0.58 0.00	32.52 1.55 0.00	31.45 1.18 0.00	30.06 1.32 0.00	26.13 0.91 0.00	25.38 1.55 0.00
CHERRYST_13_KV_LD 356241	30.67 2.51 0.00	27.00 2.11 0.00	25.61 1.96 0.00	24.00 1.67 0.00	23.25 1.54 0.00	23.15 1.72 0.00	22.54 1.57 0.00	22.13 1.56 0.00	22.75 1.82 0.00	23.94 1.96 0.00	25.43 2.12 0.00	27.04 2.32 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.68 2.64 0.00	31.99 2.77 0.00	34.81 3.14 0.00	39.33 3.21 0.00	39.51 3.16 0.00	33.15 2.17 0.00	32.63 2.36 0.00	31.32 2.59 0.00	27.62 2.40 0.00	25.91 2.07 0.00
CHESTROR_138KV_BK263 355645	29.91 1.75 0.00	26.35 1.47 0.00	25.02 1.37 0.00	23.51 1.18 0.00	22.82 1.11 0.00	22.66 1.22 0.00	22.04 1.07 0.00	21.60 1.03 0.00	22.16 1.23 0.00	23.31 1.32 0.00	24.73 1.42 0.00	26.28 1.56 0.00	26.82 1.61 0.00	28.82 1.76 0.00	29.84 1.79 0.00	31.11 1.90 0.00	33.89 2.22 0.00	38.43 2.31 0.00	38.67 2.33 0.00	32.62 1.64 0.00	32.03 1.76 0.00	30.55 1.81 0.00	26.87 1.64 0.00	25.24 1.41 0.00
CH_MIDHUDSON___DRP 24192	30.25 2.08 0.00	26.62 1.74 0.00	25.31 1.66 0.00	23.75 1.43 0.00	23.06 1.35 0.00	22.88 1.44 0.00	22.25 1.28 0.00	21.76 1.19 0.00	22.33 1.40 0.00	23.50 1.52 0.00	24.91 1.61 0.00	26.47 1.76 0.00	27.03 1.82 0.00	29.01 1.95 0.00	30.06 2.02 0.00	31.34 2.13 0.00	34.18 2.50 0.00	38.76 2.64 0.00	39.03 2.69 0.00	32.87 1.89 0.00	32.30 2.03 0.00	30.81 2.07 0.00	27.07 1.84 0.00	25.43 1.60 0.00
CH_MISC_IPPS 23765	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.14 1.43 0.00	22.98 1.54 0.00	22.46 1.49 0.00	21.82 1.25 0.00	22.37 1.44 0.00	23.57 1.58 0.00	25.03 1.72 0.00	26.60 1.88 0.00	27.13 1.92 0.00	29.17 2.11 0.00	30.23 2.19 0.00	31.49 2.28 0.00	34.21 2.53 0.00	38.97 2.85 0.00	39.29 2.94 0.00	33.05 2.08 0.00	32.45 2.18 0.00	30.83 2.10 0.00	27.22 1.99 0.00	25.55 1.72 0.00
CH_RES_BVR_FALLS 23983	27.80 -0.37 0.00	24.56 -0.32 0.00	23.34 -0.31 0.00	22.03 -0.29 0.00	21.45 -0.26 0.00	21.18 -0.26 0.00	20.74 -0.23 0.00	20.45 -0.12 0.00	20.72 -0.21 0.00	21.75 -0.24 0.00	23.03 -0.28 0.00	24.42 -0.30 0.00	24.91 -0.30 0.00	26.73 -0.32 0.00	27.71 -0.34 0.00	28.86 -0.35 0.00	31.26 -0.41 0.00	35.69 -0.43 0.00	35.95 -0.40 0.00	30.64 -0.34 0.00	29.91 -0.36 0.00	28.33 -0.40 0.00	24.87 -0.35 0.00	23.48 -0.36 0.00

CH_RES_NIAGARA 23895	27.71 -0.45 0.00	25.06 0.18 0.00	23.49 -0.16 0.00	22.52 0.20 0.00	21.80 0.09 0.00	21.08 -0.36 0.00	20.78 -0.19 0.00	19.97 -0.60 0.00	20.84 -0.08 0.00	22.03 0.04 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	31.42 -0.25 0.00	34.82 -1.30 0.00	34.85 -1.49 0.00	30.88 -0.09 0.00	29.91 -0.36 0.00	28.62 -0.11 0.00	24.95 -0.28 0.00	24.48 0.64 0.00
CH_RES_SYRACUSE 23985	28.82 -0.11 -0.77	25.05 0.00 -0.17	23.60 -0.05 0.00	22.32 0.00 0.00	21.73 0.02 0.00	21.40 -0.04 0.00	20.92 -0.04 0.00	20.47 -0.10 0.00	20.95 0.02 0.00	22.03 0.04 0.00	23.72 0.07 -0.35	25.38 0.05 -0.62	25.80 0.03 -0.56	27.99 0.03 -0.91	29.17 0.03 -1.10	30.52 0.00 -1.31	33.17 0.03 -1.46	38.70 0.07 -2.51	39.08 0.00 -2.74	32.91 0.16 -1.78	32.00 0.09 -1.63	30.10 0.06 -1.31	25.95 0.03 -0.70	24.44 0.12 -0.49
CLINTON_WT_PWR 323605	27.77 -0.39 0.00	24.53 -0.35 0.00	23.34 -0.31 0.00	22.01 -0.31 0.00	21.43 -0.28 0.00	21.16 -0.28 0.00	20.69 -0.27 0.00	20.59 0.02 0.00	20.76 -0.17 0.00	21.77 -0.22 0.00	23.03 -0.28 0.00	24.40 -0.32 0.00	24.88 -0.33 0.00	26.71 -0.35 0.00	27.65 -0.39 0.00	28.80 -0.41 0.00	31.11 -0.57 0.00	35.61 -0.51 0.00	35.91 -0.43 0.00	30.61 -0.37 0.00	29.76 -0.51 0.00	28.16 -0.57 0.00	24.67 -0.56 0.00	23.31 -0.52 0.00
CLINTON___LFGE 323618	27.97 -0.20 0.00	24.66 -0.22 0.00	23.46 -0.19 0.00	22.12 -0.20 0.00	21.54 -0.17 0.00	21.27 -0.17 0.00	20.80 -0.17 0.00	20.71 0.15 0.00	20.89 -0.04 0.00	21.90 -0.09 0.00	23.17 -0.14 0.00	24.52 -0.20 0.00	25.03 -0.18 0.00	26.87 -0.19 0.00	27.82 -0.23 0.00	28.95 -0.26 0.00	31.26 -0.41 0.00	35.90 -0.22 0.00	36.20 -0.14 0.00	30.88 -0.09 0.00	30.03 -0.24 0.00	28.36 -0.37 0.00	24.82 -0.40 0.00	23.45 -0.38 0.00
COBBLENY_34_KV_TB1 80064	28.64 0.48 0.00	25.65 0.77 0.00	24.31 0.66 0.00	22.99 0.67 0.00	22.56 0.85 0.00	21.83 0.39 0.00	21.07 0.10 0.00	20.36 -0.21 0.00	21.37 0.44 0.00	22.82 0.84 0.00	24.33 1.03 0.00	25.66 0.94 0.00	26.17 0.96 0.00	28.06 1.00 0.00	29.17 1.12 0.00	30.23 1.02 0.00	32.09 0.41 0.00	36.66 0.54 0.00	36.63 0.29 0.00	32.25 1.27 0.00	31.18 0.91 0.00	29.40 0.66 0.00	25.91 0.68 0.00	25.17 1.33 0.00
COFFEEN___115KV_TB3 355620	29.77 0.96 -0.65	25.84 0.82 -0.14	24.38 0.73 0.00	22.99 0.67 0.00	22.36 0.65 0.00	21.98 0.54 0.00	21.47 0.50 0.00	20.98 0.41 0.00	21.39 0.46 0.00	22.27 0.29 0.00	23.97 0.37 -0.29	25.58 0.35 -0.52	25.93 0.25 -0.47	28.09 0.27 -0.76	29.31 0.34 -0.93	30.70 0.38 -1.11	33.28 0.38 -1.23	39.10 0.87 -2.11	39.77 1.13 -2.30	33.74 1.27 -1.49	32.89 1.24 -1.37	31.05 1.21 -1.10	26.72 0.91 -0.59	25.12 0.88 -0.41
COLDSPRG_115KV_BK1 355956	28.98 0.82 0.00	25.90 1.02 0.00	24.57 0.92 0.00	23.24 0.92 0.00	22.77 1.06 0.00	22.10 0.66 0.00	21.39 0.42 0.00	20.75 0.19 0.00	21.81 0.88 0.00	23.24 1.25 0.00	24.77 1.47 0.00	26.13 1.41 0.00	26.65 1.44 0.00	28.55 1.49 0.00	29.64 1.60 0.00	30.73 1.52 0.00	32.75 1.08 0.00	37.38 1.26 0.00	37.33 0.98 0.00	32.77 1.80 0.00	31.67 1.39 0.00	29.86 1.12 0.00	26.24 1.01 0.00	25.41 1.57 0.00
COLONIE_LFGE___ 323577	29.66 1.49 0.00	26.13 1.24 0.00	24.83 1.18 0.00	23.37 1.05 0.00	22.69 0.98 0.00	22.47 1.03 0.00	21.97 1.01 0.00	21.29 0.72 0.00	21.77 0.84 0.00	22.89 0.90 0.00	24.21 0.91 0.00	25.73 1.01 0.00	26.22 1.01 0.00	28.19 1.14 0.00	29.20 1.15 0.00	30.44 1.23 0.00	33.07 1.39 0.00	37.71 1.59 0.00	38.05 1.71 0.00	32.37 1.40 0.00	31.70 1.42 0.00	30.06 1.32 0.00	26.36 1.14 0.00	24.83 1.00 0.00
COOPERNY_115KV_TB1 80082	29.57 1.41 0.00	26.05 1.17 0.00	24.76 1.11 0.00	23.28 0.96 0.00	22.60 0.89 0.00	22.43 0.99 0.00	21.85 0.88 0.00	21.39 0.82 0.00	21.93 1.00 0.00	23.04 1.06 0.00	24.45 1.14 0.00	25.98 1.26 0.00	26.52 1.31 0.00	28.47 1.41 0.00	29.50 1.46 0.00	30.76 1.55 0.00	33.45 1.77 0.00	38.00 1.88 0.00	38.23 1.89 0.00	32.31 1.33 0.00	31.70 1.42 0.00	30.20 1.47 0.00	26.54 1.31 0.00	24.95 1.12 0.00
COPENHAGEN_WT_PWR 323753	29.46 0.62 -0.68	25.58 0.55 -0.15	24.12 0.47 0.00	22.77 0.45 0.00	22.12 0.41 0.00	21.76 0.32 0.00	21.30 0.33 0.00	20.84 0.27 0.00	21.24 0.31 0.00	22.14 0.15 0.00	23.80 0.19 -0.31	25.44 0.17 -0.54	25.78 0.08 -0.49	27.94 0.08 -0.80	29.16 0.14 -0.97	30.52 0.15 -1.16	33.19 0.22 -1.29	38.87 0.54 -2.21	39.52 0.76 -2.41	33.47 0.93 -1.57	32.62 0.91 -1.44	30.81 0.92 -1.15	26.45 0.60 -0.62	24.86 0.60 -0.43
CORNELL___ 23752	29.25 0.68 -0.41	25.64 0.67 -0.09	24.24 0.59 0.00	22.90 0.58 0.00	22.32 0.61 0.00	21.95 0.51 0.00	21.34 0.38 0.00	20.86 0.29 0.00	21.41 0.48 0.00	22.51 0.53 0.00	24.07 0.58 -0.19	25.59 0.54 -0.33	26.06 0.55 -0.30	28.11 0.57 -0.48	29.25 0.62 -0.59	30.56 0.64 -0.70	33.09 0.63 -0.78	38.44 0.98 -1.34	38.79 0.98 -1.46	33.04 1.12 -0.95	32.15 1.00 -0.87	30.30 0.86 -0.70	26.33 0.73 -0.37	24.90 0.81 -0.26
CORONA_AV_69_KV_TB1 355595	34.05 2.96 -2.93	30.87 2.54 -3.45	27.18 2.39 -1.14	24.38 2.05 0.00	23.58 1.87 0.00	23.39 1.95 0.00	22.69 1.72 0.00	22.42 1.85 0.00	23.04 2.11 0.00	24.27 2.29 0.00	28.26 2.42 -2.53	28.70 2.64 -1.34	32.62 2.72 -4.69	34.76 2.90 -4.80	37.86 2.94 -6.87	40.12 3.15 -7.76	42.07 3.55 -6.84	42.87 3.76 -3.00	45.57 3.74 -5.49	42.70 2.76 -8.96	41.22 2.91 -8.04	34.89 2.96 -3.19	30.14 2.78 -2.14	27.45 2.48 -1.14
CORTLAND_115KV_TB3 80093	28.99 0.39 -0.43	25.40 0.42 -0.09	24.03 0.38 0.00	22.70 0.38 0.00	22.12 0.41 0.00	21.76 0.32 0.00	21.18 0.21 0.00	20.71 0.14 0.00	21.24 0.31 0.00	22.36 0.37 0.00	23.92 0.42 -0.20	25.46 0.40 -0.34	25.93 0.40 -0.31	28.00 0.43 -0.51	29.11 0.45 -0.62	30.41 0.47 -0.73	32.93 0.44 -0.82	38.17 0.65 -1.40	38.49 0.62 -1.53	32.71 0.74 -0.99	31.85 0.67 -0.91	30.01 0.55 -0.73	26.10 0.48 -0.39	24.65 0.55 -0.27
COXSACKIE___GT 23611	30.33 2.17 0.00	26.72 1.84 0.00	25.35 1.70 0.00	23.84 1.52 0.00	23.21 1.50 0.00	22.92 1.48 0.00	22.37 1.40 0.00	21.62 1.05 0.00	21.99 1.07 0.00	23.09 1.10 0.00	24.49 1.19 0.00	25.98 1.26 0.00	26.44 1.23 0.00	28.55 1.49 0.00	29.61 1.57 0.00	30.84 1.63 0.00	33.83 2.15 0.00	38.65 2.53 0.00	39.25 2.91 0.00	33.36 2.39 0.00	32.57 2.30 0.00	30.75 2.01 0.00	26.94 1.72 0.00	25.26 1.43 0.00
CPV_VALLEY___CC1 323721	29.68 1.52 0.00	26.15 1.27 0.00	24.83 1.18 0.00	23.33 1.01 0.00	22.64 0.93 0.00	22.49 1.05 0.00	21.99 1.03 0.00	21.41 0.84 0.00	21.99 1.07 0.00	23.13 1.14 0.00	24.54 1.23 0.00	26.08 1.36 0.00	26.65 1.44 0.00	28.60 1.54 0.00	29.64 1.60 0.00	30.87 1.66 0.00	33.48 1.80 0.00	38.14 2.02 0.00	38.34 2.00 0.00	32.34 1.36 0.00	31.76 1.48 0.00	30.20 1.46 0.00	26.64 1.41 0.00	25.02 1.19 0.00

CPV_VALLEY___CC2 323722	29.68 1.52 0.00	26.15 1.27 0.00	24.83 1.18 0.00	23.33 1.01 0.00	22.64 0.93 0.00	22.49 1.05 0.00	21.99 1.03 0.00	21.41 0.84 0.00	21.99 1.07 0.00	23.13 1.14 0.00	24.54 1.23 0.00	26.08 1.36 0.00	26.65 1.44 0.00	28.60 1.54 0.00	29.64 1.60 0.00	30.87 1.66 0.00	33.48 1.80 0.00	38.14 2.02 0.00	38.34 2.00 0.00	32.34 1.36 0.00	31.76 1.48 0.00	30.20 1.46 0.00	26.64 1.41 0.00	25.02 1.19 0.00
CRESCENT___HYD 24018	29.66 1.49 0.00	26.13 1.24 0.00	24.83 1.18 0.00	23.37 1.05 0.00	22.69 0.98 0.00	22.47 1.03 0.00	21.97 1.01 0.00	21.29 0.72 0.00	21.77 0.84 0.00	22.89 0.90 0.00	24.21 0.91 0.00	25.73 1.01 0.00	26.22 1.01 0.00	28.19 1.14 0.00	29.20 1.15 0.00	30.44 1.23 0.00	33.07 1.39 0.00	37.71 1.59 0.00	38.05 1.71 0.00	32.37 1.40 0.00	31.70 1.42 0.00	30.06 1.32 0.00	26.36 1.14 0.00	24.83 1.00 0.00
CRICKET___VALLEY_CC1 323756	29.97 1.80 0.00	26.37 1.49 0.00	25.07 1.42 0.00	23.50 1.18 0.00	22.82 1.11 0.00	22.64 1.20 0.00	22.16 1.19 0.00	21.52 0.95 0.00	22.06 1.13 0.00	23.22 1.23 0.00	24.56 1.26 0.00	26.13 1.41 0.00	26.65 1.44 0.00	28.60 1.54 0.00	29.61 1.57 0.00	30.87 1.66 0.00	33.51 1.84 0.00	38.18 2.06 0.00	38.41 2.07 0.00	32.43 1.46 0.00	31.85 1.57 0.00	30.26 1.52 0.00	26.69 1.46 0.00	25.07 1.24 0.00
CRICKET___VALLEY_CC2 323757	29.97 1.80 0.00	26.37 1.49 0.00	25.07 1.42 0.00	23.50 1.18 0.00	22.82 1.11 0.00	22.64 1.20 0.00	22.16 1.19 0.00	21.52 0.95 0.00	22.06 1.13 0.00	23.22 1.23 0.00	24.56 1.26 0.00	26.13 1.41 0.00	26.65 1.44 0.00	28.60 1.54 0.00	29.61 1.57 0.00	30.87 1.66 0.00	33.51 1.84 0.00	38.18 2.06 0.00	38.41 2.07 0.00	32.43 1.46 0.00	31.85 1.57 0.00	30.26 1.52 0.00	26.69 1.46 0.00	25.07 1.24 0.00
CRICKET___VALLEY_CC3 323758	29.97 1.80 0.00	26.37 1.49 0.00	25.07 1.42 0.00	23.50 1.18 0.00	22.82 1.11 0.00	22.64 1.20 0.00	22.16 1.19 0.00	21.52 0.95 0.00	22.06 1.13 0.00	23.22 1.23 0.00	24.56 1.26 0.00	26.13 1.41 0.00	26.65 1.44 0.00	28.60 1.54 0.00	29.61 1.57 0.00	30.87 1.66 0.00	33.51 1.84 0.00	38.18 2.06 0.00	38.41 2.07 0.00	32.43 1.46 0.00	31.85 1.57 0.00	30.26 1.52 0.00	26.69 1.46 0.00	25.07 1.24 0.00
CRUCIBLE_METL_DRP 24180	28.85 -0.08 -0.77	25.05 0.00 -0.17	23.60 -0.05 0.00	22.32 0.00 0.00	21.73 0.02 0.00	21.40 -0.04 0.00	20.82 -0.15 0.00	20.41 -0.16 0.00	20.91 -0.02 0.00	22.03 0.04 0.00	23.72 0.07 -0.35	25.38 0.05 -0.62	25.80 0.03 -0.56	27.99 0.03 -0.91	29.17 0.03 -1.10	30.52 0.00 -1.31	33.07 -0.06 -1.46	38.66 0.04 -2.51	39.04 -0.04 -2.74	32.91 0.15 -1.78	31.97 0.06 -1.63	30.05 0.00 -1.31	25.95 0.03 -0.70	24.42 0.10 -0.49
DAHOWA___HYDRO 323763	29.91 1.75 0.00	26.32 1.44 0.00	25.00 1.35 0.00	23.55 1.23 0.00	22.88 1.17 0.00	22.64 1.20 0.00	22.14 1.17 0.00	21.45 0.88 0.00	21.91 0.98 0.00	23.04 1.06 0.00	24.33 1.02 0.00	25.81 1.09 0.00	26.27 1.06 0.00	28.22 1.16 0.00	29.25 1.21 0.00	30.49 1.28 0.00	33.20 1.52 0.00	37.85 1.73 0.00	38.38 2.03 0.00	32.77 1.80 0.00	32.12 1.85 0.00	30.46 1.72 0.00	26.64 1.41 0.00	25.07 1.24 0.00
DANC___LFGE 323619	29.19 0.17 -0.85	25.24 0.18 -0.19	23.79 0.14 0.00	22.48 0.16 0.00	21.86 0.15 0.00	21.50 0.06 0.00	21.05 0.08 0.00	20.57 0.00 0.00	20.99 0.06 0.00	21.96 -0.02 0.00	23.69 0.00 -0.39	25.35 -0.05 -0.68	25.73 -0.10 -0.62	27.95 -0.11 -1.00	29.18 -0.08 -1.22	30.55 -0.12 -1.45	33.19 -0.09 -1.61	38.97 0.07 -2.77	39.55 0.18 -3.03	33.34 0.40 -1.96	32.47 0.39 -1.81	30.62 0.43 -1.45	26.25 0.25 -0.77	24.63 0.26 -0.54
DANSKAMMER___1 23586	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.14 1.43 0.00	22.98 1.54 0.00	22.46 1.49 0.00	21.82 1.25 0.00	22.37 1.44 0.00	23.57 1.58 0.00	25.03 1.72 0.00	26.60 1.88 0.00	27.13 1.92 0.00	29.17 2.11 0.00	30.23 2.19 0.00	31.49 2.28 0.00	34.21 2.53 0.00	38.97 2.85 0.00	39.29 2.94 0.00	33.05 2.08 0.00	32.45 2.18 0.00	30.83 2.10 0.00	27.22 1.99 0.00	25.55 1.72 0.00
DANSKAMMER___2 23589	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.14 1.43 0.00	22.98 1.54 0.00	22.46 1.49 0.00	21.82 1.25 0.00	22.37 1.44 0.00	23.57 1.58 0.00	25.03 1.72 0.00	26.60 1.88 0.00	27.13 1.92 0.00	29.17 2.11 0.00	30.23 2.19 0.00	31.49 2.28 0.00	34.21 2.53 0.00	38.97 2.85 0.00	39.29 2.94 0.00	33.05 2.08 0.00	32.45 2.18 0.00	30.83 2.10 0.00	27.22 1.99 0.00	25.55 1.72 0.00
DANSKAMMER___3 23590	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.14 1.43 0.00	22.98 1.54 0.00	22.46 1.49 0.00	21.82 1.25 0.00	22.37 1.44 0.00	23.57 1.58 0.00	25.03 1.72 0.00	26.60 1.88 0.00	27.13 1.92 0.00	29.17 2.11 0.00	30.23 2.19 0.00	31.49 2.28 0.00	34.21 2.53 0.00	38.97 2.85 0.00	39.29 2.94 0.00	33.05 2.08 0.00	32.45 2.18 0.00	30.83 2.10 0.00	27.22 1.99 0.00	25.55 1.72 0.00
DANSKAMMER___4 23591	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.14 1.43 0.00	22.98 1.54 0.00	22.46 1.49 0.00	21.82 1.25 0.00	22.37 1.44 0.00	23.57 1.58 0.00	25.03 1.72 0.00	26.60 1.88 0.00	27.13 1.92 0.00	29.17 2.11 0.00	30.23 2.19 0.00	31.49 2.28 0.00	34.21 2.53 0.00	38.97 2.85 0.00	39.29 2.94 0.00	33.05 2.08 0.00	32.45 2.18 0.00	30.83 2.10 0.00	27.22 1.99 0.00	25.55 1.72 0.00
DANSKAMMER___DIESEL 23592	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.84 1.52 0.00	23.14 1.43 0.00	22.98 1.54 0.00	22.33 1.36 0.00	21.87 1.30 0.00	22.41 1.49 0.00	23.59 1.61 0.00	25.03 1.72 0.00	26.60 1.88 0.00	27.13 1.92 0.00	29.17 2.11 0.00	30.23 2.19 0.00	31.49 2.28 0.00	34.40 2.72 0.00	39.01 2.89 0.00	39.29 2.94 0.00	33.08 2.11 0.00	32.48 2.21 0.00	30.95 2.21 0.00	27.22 1.99 0.00	25.55 1.72 0.00
DARBY___SOLAR 323810	29.88 1.72 0.00	26.30 1.42 0.00	24.97 1.32 0.00	23.53 1.20 0.00	22.88 1.17 0.00	22.64 1.20 0.00	22.12 1.15 0.00	21.45 0.88 0.00	21.91 0.98 0.00	23.04 1.06 0.00	24.35 1.05 0.00	25.83 1.11 0.00	26.32 1.11 0.00	28.28 1.22 0.00	29.31 1.26 0.00	30.55 1.34 0.00	33.23 1.55 0.00	37.89 1.77 0.00	38.34 2.00 0.00	32.74 1.76 0.00	32.06 1.79 0.00	30.40 1.67 0.00	26.61 1.39 0.00	25.05 1.21 0.00
DASHVILLE___HYD 23610	30.11 1.94 0.00	26.52 1.64 0.00	25.19 1.54 0.00	23.64 1.32 0.00	22.95 1.24 0.00	22.77 1.33 0.00	22.10 1.13 0.00	21.60 1.03 0.00	22.14 1.21 0.00	23.31 1.32 0.00	24.70 1.40 0.00	26.28 1.56 0.00	26.82 1.61 0.00	28.79 1.73 0.00	29.84 1.79 0.00	31.11 1.90 0.00	33.96 2.28 0.00	38.47 2.35 0.00	38.78 2.44 0.00	32.56 1.58 0.00	32.00 1.73 0.00	30.60 1.87 0.00	26.97 1.74 0.00	25.29 1.45 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	35.60 4.51 -2.93	32.16 3.83 -3.45	28.41 3.62 -1.14	25.49 3.17 0.00	24.62 2.91 0.00	24.36 2.92 0.00	23.61 2.64 0.00	23.59 3.02 0.00	24.28 3.35 0.00	25.35 3.36 0.00	29.17 3.33 -2.53	29.62 3.56 -1.34	33.68 3.78 -4.69	35.98 4.11 -4.80	39.18 4.26 -6.87	41.58 4.62 -7.76	43.74 5.23 -6.84	44.97 5.85 -3.00	65.77 5.89 -23.54	44.52 4.58 -8.96	42.77 4.45 -8.04	36.12 4.20 -3.19	31.10 3.73 -2.14	28.38 3.41 -1.14
DELAWARE___LFGE 323621	29.45 1.15 -0.13	25.93 1.02 -0.03	24.64 0.99 0.00	23.28 0.96 0.00	22.64 0.93 0.00	22.36 0.92 0.00	21.76 0.80 0.00	21.25 0.68 0.00	21.81 0.88 0.00	22.91 0.92 0.00	24.37 1.00 -0.06	25.89 1.06 -0.11	26.37 1.06 -0.10	28.38 1.16 -0.16	29.47 1.23 -0.19	30.69 1.26 -0.23	33.32 1.39 -0.25	38.15 1.59 -0.44	38.42 1.60 -0.48	32.65 1.36 -0.31	31.89 1.33 -0.28	30.26 1.29 -0.23	26.46 1.11 -0.12	24.94 1.02 -0.08
DERFIELD_115KV_TB7 355931	28.28 0.11 0.00	24.98 0.10 0.00	23.74 0.09 0.00	22.41 0.09 0.00	21.80 0.09 0.00	21.53 0.09 0.00	21.01 0.04 0.00	20.59 0.02 0.00	20.99 0.06 0.00	22.05 0.07 0.00	23.37 0.07 0.00	24.79 0.07 0.00	25.29 0.08 0.00	27.14 0.08 0.00	28.16 0.11 0.00	29.33 0.12 0.00	31.80 0.13 0.00	36.26 0.14 0.00	36.49 0.15 0.00	31.10 0.12 0.00	30.39 0.12 0.00	28.85 0.11 0.00	25.33 0.10 0.00	23.93 0.10 0.00
DOGLEVILLE___HYD 23807	28.08 -0.08 0.00	24.81 -0.07 0.00	23.58 -0.07 0.00	22.23 -0.09 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.86 -0.10 0.00	20.40 -0.17 0.00	20.80 -0.12 0.00	21.83 -0.15 0.00	23.14 -0.16 0.00	24.50 -0.22 0.00	24.93 -0.28 0.00	26.68 -0.38 0.00	27.65 -0.39 0.00	28.74 -0.47 0.00	31.20 -0.47 0.00	35.69 -0.43 0.00	35.95 -0.40 0.00	30.64 -0.34 0.00	30.00 -0.27 0.00	28.48 -0.26 0.00	25.00 -0.23 0.00	23.64 -0.19 0.00
DUNKIRK___115KV_TB_200 55889	28.81 0.65 0.00	25.80 0.92 0.00	24.45 0.80 0.00	23.13 0.80 0.00	22.69 0.98 0.00	21.98 0.54 0.00	21.24 0.27 0.00	20.59 0.02 0.00	21.64 0.71 0.00	23.06 1.08 0.00	24.61 1.31 0.00	25.93 1.21 0.00	26.45 1.24 0.00	28.36 1.30 0.00	29.45 1.40 0.00	30.52 1.31 0.00	32.47 0.79 0.00	37.02 0.90 0.00	37.00 0.65 0.00	32.49 1.52 0.00	31.42 1.15 0.00	29.63 0.89 0.00	26.11 0.88 0.00	25.31 1.48 0.00
DUNKIRK___1 23563	28.81 0.65 0.00	25.80 0.92 0.00	24.45 0.80 0.00	23.13 0.80 0.00	22.69 0.98 0.00	21.98 0.54 0.00	21.24 0.27 0.00	20.59 0.02 0.00	21.64 0.71 0.00	23.06 1.08 0.00	24.61 1.31 0.00	25.93 1.21 0.00	26.45 1.24 0.00	28.36 1.30 0.00	29.45 1.40 0.00	30.52 1.31 0.00	32.47 0.79 0.00	37.02 0.90 0.00	37.00 0.65 0.00	32.49 1.52 0.00	31.42 1.15 0.00	29.63 0.89 0.00	26.11 0.88 0.00	25.31 1.48 0.00
DUNKIRK___2 23564	28.81 0.65 0.00	25.80 0.92 0.00	24.45 0.80 0.00	23.13 0.80 0.00	22.69 0.98 0.00	21.98 0.54 0.00	21.24 0.27 0.00	20.59 0.02 0.00	21.64 0.71 0.00	23.06 1.08 0.00	24.61 1.31 0.00	25.93 1.21 0.00	26.45 1.24 0.00	28.36 1.30 0.00	29.45 1.40 0.00	30.52 1.31 0.00	32.47 0.79 0.00	37.02 0.90 0.00	37.00 0.65 0.00	32.49 1.52 0.00	31.42 1.15 0.00	29.63 0.89 0.00	26.11 0.88 0.00	25.31 1.48 0.00
DUNKIRK___3 23565	28.67 0.51 0.00	25.68 0.80 0.00	24.36 0.71 0.00	23.01 0.69 0.00	22.58 0.87 0.00	21.89 0.45 0.00	21.13 0.17 0.00	20.49 -0.08 0.00	21.51 0.59 0.00	22.93 0.95 0.00	24.47 1.17 0.00	25.78 1.06 0.00	26.29 1.08 0.00	28.19 1.14 0.00	29.28 1.23 0.00	30.35 1.14 0.00	32.28 0.60 0.00	36.84 0.72 0.00	36.78 0.44 0.00	32.34 1.36 0.00	31.27 1.00 0.00	29.48 0.75 0.00	25.96 0.73 0.00	25.19 1.36 0.00
DUNKIRK___4 23566	28.67 0.51 0.00	25.68 0.80 0.00	24.36 0.71 0.00	23.01 0.69 0.00	22.58 0.87 0.00	21.89 0.45 0.00	21.13 0.17 0.00	20.49 -0.08 0.00	21.51 0.59 0.00	22.93 0.95 0.00	24.47 1.17 0.00	25.78 1.06 0.00	26.29 1.08 0.00	28.19 1.14 0.00	29.28 1.23 0.00	30.35 1.14 0.00	32.28 0.60 0.00	36.84 0.72 0.00	36.78 0.44 0.00	32.34 1.36 0.00	31.27 1.00 0.00	29.48 0.75 0.00	25.96 0.73 0.00	25.19 1.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.47 2.31 0.00	26.82 1.94 0.00	25.45 1.80 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.03 1.59 0.00	22.39 1.43 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.79 1.80 0.00	25.24 1.93 0.00	26.85 2.13 0.00	27.43 2.22 0.00	29.41 2.35 0.00	30.48 2.44 0.00	31.75 2.54 0.00	34.59 2.91 0.00	39.15 3.03 0.00	39.36 3.02 0.00	33.08 2.11 0.00	32.54 2.27 0.00	31.15 2.41 0.00	27.40 2.17 0.00	25.72 1.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.11 1.94 0.00	26.52 1.64 0.00	25.19 1.54 0.00	23.64 1.32 0.00	22.95 1.24 0.00	22.79 1.35 0.00	22.16 1.20 0.00	21.70 1.13 0.00	22.27 1.34 0.00	23.44 1.45 0.00	24.87 1.56 0.00	26.42 1.71 0.00	26.97 1.76 0.00	28.95 1.89 0.00	30.01 1.96 0.00	31.28 2.07 0.00	34.11 2.44 0.00	38.68 2.56 0.00	38.96 2.62 0.00	32.84 1.86 0.00	32.24 1.97 0.00	30.75 2.01 0.00	27.02 1.79 0.00	25.38 1.55 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.82 2.65 -0.01	27.10 2.21 -0.01	25.72 2.06 -0.01	24.04 1.72 0.00	23.27 1.56 0.00	23.15 1.72 0.00	22.43 1.47 0.00	21.93 1.36 0.00	22.50 1.57 0.00	23.70 1.71 0.00	25.26 1.96 0.00	26.85 2.13 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.54 2.50 0.00	31.81 2.60 0.00	34.43 2.76 0.00	38.90 2.78 0.00	39.14 2.80 0.00	32.77 1.80 0.00	32.33 2.06 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01
E179THST_13_KV_LOAD 356214	30.99 2.82 -0.01	27.25 2.36 -0.01	25.83 2.18 -0.01	24.15 1.83 0.00	23.36 1.65 0.00	23.26 1.82 0.00	22.54 1.57 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.81 1.82 0.00	25.40 2.10 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	31.98 2.77 0.00	34.65 2.98 0.00	39.12 3.00 0.00	39.36 3.02 0.00	32.93 1.95 0.00	32.48 2.21 0.00	31.55 2.82 0.00	27.85 2.62 0.00	26.15 2.31 -0.01
EAST HAMPTON___GT 23717	36.22 5.13 -2.93	32.76 4.43 -3.45	28.90 4.11 -1.14	25.85 3.53 0.00	25.03 3.32 0.00	24.76 3.32 0.00	24.15 3.19 0.00	23.76 3.19 0.00	24.69 3.77 0.00	25.48 3.50 0.00	29.73 3.89 -2.53	30.21 4.15 -1.34	34.31 4.41 -4.69	36.63 4.76 -4.80	39.82 4.91 -6.87	42.31 5.35 -7.76	44.35 5.83 -6.84	45.87 6.75 -3.00	66.68 6.79 -23.54	45.27 5.33 -8.96	43.43 5.12 -8.04	36.58 4.65 -3.19	31.63 4.26 -2.14	28.86 3.89 -1.14
EAST RIVER___6 23660	30.59 2.42 0.00	26.85 1.97 0.00	25.45 1.80 0.00	23.84 1.52 0.00	23.17 1.45 0.00	23.07 1.63 0.00	22.58 1.61 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.79 1.80 0.00	25.26 1.96 0.00	26.85 2.13 0.00	27.45 2.24 0.00	29.41 2.35 0.00	30.46 2.41 0.00	31.75 2.54 0.00	34.30 2.63 0.00	39.08 2.96 0.00	39.21 2.87 0.00	32.87 1.89 0.00	32.36 2.09 0.00	30.83 2.10 0.00	27.47 2.24 0.00	25.74 1.91 0.00

EAST RIVER___7 23524	30.59 2.42 0.00	26.85 1.97 0.00	25.45 1.80 0.00	23.84 1.52 0.00	23.17 1.45 0.00	23.07 1.63 0.00	22.58 1.61 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.79 1.80 0.00	25.26 1.96 0.00	26.85 2.13 0.00	27.45 2.24 0.00	29.41 2.35 0.00	30.46 2.41 0.00	31.75 2.54 0.00	34.30 2.63 0.00	39.08 2.96 0.00	39.21 2.87 0.00	32.87 1.89 0.00	32.36 2.09 0.00	30.83 2.10 0.00	27.47 2.24 0.00	25.74 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.10 1.39 0.00	22.96 1.52 0.00	22.33 1.36 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.70 1.71 0.00	25.15 1.84 0.00	26.75 2.03 0.00	27.33 2.12 0.00	29.33 2.27 0.00	30.37 2.33 0.00	31.66 2.45 0.00	34.46 2.79 0.00	39.05 2.93 0.00	39.25 2.91 0.00	32.99 2.01 0.00	32.45 2.18 0.00	31.04 2.30 0.00	27.32 2.09 0.00	25.64 1.81 0.00
EAST_HAMPTON___DIESEL 23722	36.22 5.13 -2.93	32.76 4.43 -3.45	28.90 4.11 -1.14	25.85 3.53 0.00	25.05 3.34 0.00	24.78 3.34 0.00	24.15 3.19 0.00	23.78 3.21 0.00	24.69 3.77 0.00	25.50 3.52 0.00	29.73 3.89 -2.53	30.24 4.18 -1.34	34.33 4.44 -4.69	36.65 4.79 -4.80	39.85 4.94 -6.87	42.31 5.35 -7.76	44.35 5.83 -6.84	45.87 6.75 -3.00	66.71 6.83 -23.54	45.27 5.33 -8.96	43.46 5.15 -8.04	36.58 4.65 -3.19	31.63 4.26 -2.14	28.88 3.91 -1.14
EAST_PULASKI___ESR 323781	29.19 -0.20 -1.22	25.02 -0.12 -0.27	23.48 -0.17 0.00	22.19 -0.13 0.00	21.60 -0.11 0.00	21.27 -0.17 0.00	20.72 -0.25 0.00	20.30 -0.27 0.00	20.76 -0.17 0.00	21.79 -0.20 0.00	23.67 -0.19 -0.55	25.47 -0.22 -0.97	25.84 -0.25 -0.89	28.22 -0.27 -1.43	29.51 -0.28 -1.74	30.97 -0.32 -2.08	33.44 -0.54 -2.31	39.61 -0.47 -3.96	40.23 -0.44 -4.32	33.60 -0.19 -2.81	32.67 -0.18 -2.58	30.60 -0.20 -2.07	26.23 -0.10 -1.10	24.58 -0.02 -0.77
EAST_RIVER___1 323558	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.91 1.59 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.58 1.61 0.00	22.01 1.44 0.00	22.62 1.69 0.00	23.83 1.85 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.56 2.34 0.00	29.55 2.49 0.00	30.57 2.53 0.00	31.87 2.66 0.00	34.43 2.75 0.00	39.23 3.11 0.00	39.36 3.01 0.00	32.99 2.01 0.00	32.51 2.24 0.00	31.01 2.27 0.00	27.55 2.32 0.00	25.81 1.98 0.00
EAST_RIVER___2 323559	30.59 2.42 0.00	26.85 1.97 0.00	25.45 1.80 0.00	23.84 1.52 0.00	23.17 1.45 0.00	23.07 1.63 0.00	22.58 1.61 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.79 1.80 0.00	25.26 1.96 0.00	26.85 2.13 0.00	27.45 2.24 0.00	29.41 2.35 0.00	30.46 2.41 0.00	31.75 2.54 0.00	34.30 2.63 0.00	39.08 2.96 0.00	39.21 2.87 0.00	32.87 1.89 0.00	32.36 2.09 0.00	30.83 2.10 0.00	27.47 2.24 0.00	25.74 1.91 0.00
EAST___DELAWARE_HYD 23607	29.88 1.72 0.00	26.30 1.42 0.00	24.95 1.30 0.00	23.39 1.07 0.00	22.73 1.02 0.00	22.55 1.11 0.00	22.06 1.09 0.00	21.43 0.86 0.00	21.97 1.05 0.00	23.11 1.12 0.00	24.52 1.21 0.00	26.05 1.33 0.00	26.60 1.39 0.00	28.57 1.51 0.00	29.64 1.60 0.00	30.90 1.69 0.00	33.61 1.93 0.00	38.36 2.24 0.00	38.71 2.36 0.00	32.56 1.58 0.00	31.97 1.69 0.00	30.40 1.67 0.00	26.82 1.59 0.00	25.14 1.31 0.00
EIGHT_POINT___WT_PWR 323820	29.19 0.87 -0.15	26.01 1.09 -0.03	24.60 0.95 0.00	23.33 1.01 0.00	22.77 1.06 0.00	22.19 0.75 0.00	21.81 0.84 0.00	21.06 0.49 0.00	21.87 0.94 0.00	23.04 1.06 0.00	24.54 1.16 -0.07	25.93 1.09 -0.12	26.46 1.14 -0.11	28.46 1.22 -0.18	29.55 1.29 -0.22	30.73 1.26 -0.26	33.26 1.30 -0.29	37.77 1.16 -0.50	37.94 1.05 -0.54	33.09 1.76 -0.35	32.08 1.48 -0.32	30.52 1.52 -0.26	26.47 1.11 -0.14	25.46 1.53 -0.10
ELBRIDGE_115KV_TB2 80188	28.82 -0.17 -0.82	24.99 -0.07 -0.18	23.56 -0.09 0.00	22.26 -0.07 0.00	21.69 -0.02 0.00	21.33 -0.11 0.00	20.76 -0.21 0.00	20.34 -0.23 0.00	20.84 -0.08 0.00	21.96 -0.02 0.00	23.68 0.00 -0.37	25.33 -0.05 -0.66	25.76 -0.05 -0.60	27.97 -0.05 -0.97	29.16 -0.06 -1.17	30.55 -0.06 -1.40	33.07 -0.16 -1.56	38.72 -0.07 -2.67	39.15 -0.11 -2.92	32.93 0.06 -1.89	32.01 0.00 -1.74	30.07 -0.06 -1.39	25.92 -0.05 -0.74	24.40 0.05 -0.52
ELEC_TRO_TEK 24086	33.83 2.73 -2.93	30.67 2.34 -3.45	26.96 2.18 -1.14	24.20 1.88 0.00	23.40 1.69 0.00	23.22 1.78 0.00	22.54 1.57 0.00	22.28 1.71 0.00	22.89 1.97 0.00	24.10 2.11 0.00	28.08 2.24 -2.53	28.48 2.42 -1.34	32.39 2.50 -4.69	34.51 2.65 -4.80	37.66 2.75 -6.87	39.89 2.92 -7.76	41.81 3.29 -6.84	42.58 3.47 -3.00	45.25 3.42 -5.49	42.45 2.51 -8.96	40.98 2.66 -8.04	34.66 2.73 -3.19	29.91 2.55 -2.14	27.21 2.24 -1.14
ELLENBURG_WT_PWR 323604	27.77 -0.39 0.00	24.53 -0.35 0.00	23.34 -0.31 0.00	22.01 -0.31 0.00	21.43 -0.28 0.00	21.16 -0.28 0.00	20.69 -0.27 0.00	20.59 0.02 0.00	20.76 -0.17 0.00	21.77 -0.22 0.00	23.03 -0.28 0.00	24.40 -0.32 0.00	24.88 -0.33 0.00	26.71 -0.35 0.00	27.65 -0.39 0.00	28.80 -0.41 0.00	31.11 -0.57 0.00	35.61 -0.51 0.00	35.91 -0.43 0.00	30.61 -0.37 0.00	29.76 -0.51 0.00	28.16 -0.57 0.00	24.67 -0.56 0.00	23.31 -0.52 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.42 0.25 0.00	25.50 0.62 0.00	24.15 0.50 0.00	22.84 0.51 0.00	22.41 0.69 0.00	21.70 0.26 0.00	20.92 -0.04 0.00	20.22 -0.35 0.00	21.22 0.29 0.00	22.65 0.66 0.00	24.14 0.84 0.00	25.44 0.72 0.00	25.94 0.73 0.00	27.82 0.76 0.00	28.89 0.84 0.00	29.97 0.76 0.00	31.77 0.10 0.00	36.26 0.14 0.00	36.23 -0.11 0.00	31.91 0.93 0.00	30.88 0.61 0.00	29.11 0.37 0.00	25.68 0.45 0.00	24.98 1.14 0.00
EMPIRE_CC_1 323656	29.37 1.21 0.00	25.90 1.02 0.00	24.62 0.97 0.00	23.15 0.83 0.00	22.49 0.78 0.00	22.28 0.84 0.00	21.78 0.82 0.00	21.02 0.45 0.00	21.49 0.57 0.00	22.58 0.59 0.00	23.91 0.60 0.00	25.44 0.72 0.00	25.91 0.70 0.00	27.84 0.79 0.00	28.83 0.78 0.00	30.06 0.85 0.00	32.62 0.95 0.00	37.20 1.08 0.00	37.47 1.13 0.00	31.84 0.87 0.00	31.21 0.94 0.00	29.60 0.86 0.00	26.01 0.78 0.00	24.52 0.69 0.00
EMPIRE_CC_2 323658	29.37 1.21 0.00	25.90 1.02 0.00	24.62 0.97 0.00	23.15 0.83 0.00	22.49 0.78 0.00	22.28 0.84 0.00	21.78 0.82 0.00	21.02 0.45 0.00	21.49 0.57 0.00	22.58 0.59 0.00	23.91 0.60 0.00	25.44 0.72 0.00	25.91 0.70 0.00	27.84 0.79 0.00	28.83 0.78 0.00	30.06 0.85 0.00	32.62 0.95 0.00	37.20 1.08 0.00	37.47 1.13 0.00	31.84 0.87 0.00	31.21 0.94 0.00	29.60 0.86 0.00	26.01 0.78 0.00	24.52 0.69 0.00
ENORWICH_115KV_TB1 80156	30.56 2.11 -0.29	26.86 1.92 -0.06	25.40 1.75 0.00	24.00 1.67 0.00	23.34 1.63 0.00	22.96 1.52 0.00	22.37 1.40 0.00	21.85 1.28 0.00	22.43 1.51 0.00	23.39 1.41 0.00	24.90 1.47 -0.13	26.43 1.48 -0.23	26.86 1.44 -0.21	28.94 1.54 -0.34	30.11 1.65 -0.41	31.42 1.72 -0.49	34.12 1.90 -0.54	39.65 2.60 -0.93	40.13 2.76 -1.02	34.43 2.79 -0.66	33.58 2.69 -0.61	31.67 2.44 -0.49	27.51 2.02 -0.26	26.02 2.00 -0.18

ERIE_ST__34_KV_TB1-2 80199	28.70 0.54 0.00	25.68 0.80 0.00	24.34 0.69 0.00	23.04 0.71 0.00	22.56 0.85 0.00	21.87 0.43 0.00	21.11 0.15 0.00	20.36 -0.21 0.00	21.41 0.48 0.00	22.84 0.86 0.00	24.38 1.07 0.00	25.71 0.99 0.00	26.24 1.03 0.00	28.11 1.06 0.00	29.22 1.18 0.00	30.35 1.14 0.00	32.25 0.57 0.00	36.81 0.69 0.00	36.74 0.40 0.00	32.31 1.33 0.00	31.24 0.97 0.00	29.46 0.72 0.00	25.93 0.71 0.00	25.21 1.38 0.00
ERIE_WT_PWR 323693	28.47 0.31 0.00	25.60 0.72 0.00	24.29 0.64 0.00	23.04 0.71 0.00	22.56 0.85 0.00	21.83 0.39 0.00	21.51 0.54 0.00	20.67 0.10 0.00	21.60 0.67 0.00	22.84 0.86 0.00	24.28 0.98 0.00	25.61 0.89 0.00	26.09 0.88 0.00	27.98 0.92 0.00	29.08 1.04 0.00	30.17 0.96 0.00	32.62 0.95 0.00	36.34 0.22 0.00	36.38 0.04 0.00	32.09 1.11 0.00	31.06 0.79 0.00	29.68 0.95 0.00	25.86 0.63 0.00	25.14 1.31 0.00
ESPRGFLD_115KV_TB1 80157	30.22 2.06 0.00	26.67 1.79 0.00	25.35 1.70 0.00	23.95 1.63 0.00	23.30 1.58 0.00	23.00 1.57 0.00	22.39 1.43 0.00	21.89 1.32 0.00	22.43 1.51 0.00	23.55 1.56 0.00	24.98 1.68 0.00	26.47 1.76 0.00	26.97 1.76 0.00	28.98 1.92 0.00	30.12 2.08 0.00	31.34 2.13 0.00	34.08 2.41 0.00	38.97 2.85 0.00	39.32 2.98 0.00	33.67 2.69 0.00	32.91 2.63 0.00	31.12 2.39 0.00	27.22 1.99 0.00	25.69 1.86 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.21 0.62 -0.43	25.60 0.62 -0.09	24.19 0.54 0.00	22.88 0.56 0.00	22.28 0.56 0.00	21.91 0.47 0.00	21.30 0.34 0.00	20.84 0.27 0.00	21.39 0.46 0.00	22.47 0.48 0.00	24.03 0.54 -0.19	25.58 0.52 -0.34	26.03 0.50 -0.31	28.10 0.54 -0.50	29.22 0.56 -0.61	30.55 0.61 -0.73	33.09 0.60 -0.81	38.42 0.90 -1.39	38.77 0.91 -1.52	33.02 1.05 -0.99	32.12 0.94 -0.91	30.27 0.80 -0.73	26.30 0.68 -0.39	24.87 0.76 -0.27
ETNA____115KV_TB2 80207	29.21 0.62 -0.43	25.60 0.62 -0.09	24.19 0.54 0.00	22.88 0.56 0.00	22.28 0.56 0.00	21.91 0.47 0.00	21.30 0.34 0.00	20.84 0.27 0.00	21.39 0.46 0.00	22.47 0.48 0.00	24.03 0.54 -0.19	25.58 0.52 -0.34	26.03 0.50 -0.31	28.10 0.54 -0.50	29.22 0.56 -0.61	30.55 0.61 -0.73	33.09 0.60 -0.81	38.42 0.90 -1.39	38.77 0.91 -1.52	33.02 1.05 -0.99	32.12 0.94 -0.91	30.27 0.80 -0.73	26.30 0.68 -0.39	24.87 0.76 -0.27
EUCLID____115KV_TB2 356179	28.10 -0.42 -0.35	24.69 -0.27 -0.08	23.37 -0.28 0.00	22.08 -0.25 0.00	21.52 -0.20 0.00	21.18 -0.26 0.00	20.61 -0.36 0.00	20.18 -0.39 0.00	20.68 -0.25 0.00	21.79 -0.20 0.00	23.28 -0.19 -0.16	24.78 -0.22 -0.28	25.22 -0.25 -0.26	27.18 -0.30 -0.42	28.24 -0.31 -0.51	29.49 -0.32 -0.60	31.90 -0.44 -0.67	36.88 -0.40 -1.15	37.13 -0.47 -1.26	31.55 -0.25 -0.82	30.72 -0.30 -0.75	28.99 -0.34 -0.60	25.30 -0.25 -0.32	23.91 -0.14 -0.22
E_CANADA_CAP_HY 24051	30.75 2.59 0.00	27.12 2.24 0.00	25.75 2.10 0.00	24.31 1.99 0.00	23.67 1.95 0.00	23.37 1.93 0.00	22.85 1.89 0.00	22.22 1.65 0.00	22.69 1.76 0.00	23.79 1.80 0.00	25.22 1.91 0.00	26.72 2.00 0.00	27.25 2.04 0.00	29.30 2.24 0.00	30.46 2.41 0.00	31.72 2.51 0.00	34.53 2.85 0.00	39.51 3.39 0.00	39.94 3.60 0.00	34.23 3.25 0.00	33.48 3.21 0.00	31.64 2.90 0.00	27.65 2.42 0.00	26.05 2.22 0.00
E_CANADA_MHWK_HY 24050	28.08 -0.08 0.00	24.81 -0.07 0.00	23.58 -0.07 0.00	22.23 -0.09 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.86 -0.10 0.00	20.40 -0.17 0.00	20.80 -0.12 0.00	21.83 -0.15 0.00	23.14 -0.16 0.00	24.50 -0.22 0.00	24.93 -0.28 0.00	26.68 -0.38 0.00	27.65 -0.39 0.00	28.74 -0.47 0.00	31.20 -0.47 0.00	35.69 -0.43 0.00	35.95 -0.40 0.00	30.64 -0.34 0.00	30.00 -0.27 0.00	28.48 -0.26 0.00	25.00 -0.23 0.00	23.64 -0.19 0.00
E_FISHKILL____LBMP 23776	30.14 1.97 0.00	26.52 1.64 0.00	25.19 1.54 0.00	23.66 1.34 0.00	22.95 1.24 0.00	22.79 1.35 0.00	22.18 1.22 0.00	21.72 1.15 0.00	22.29 1.36 0.00	23.46 1.47 0.00	24.87 1.56 0.00	26.42 1.71 0.00	27.00 1.79 0.00	28.98 1.92 0.00	30.01 1.96 0.00	31.28 2.07 0.00	34.08 2.41 0.00	38.61 2.49 0.00	38.85 2.51 0.00	32.74 1.77 0.00	32.15 1.88 0.00	30.72 1.98 0.00	26.99 1.77 0.00	25.36 1.53 0.00
FALCON____SEABRD_CC1 323796	28.02 -0.14 0.00	24.73 -0.15 0.00	23.53 -0.12 0.00	22.21 -0.11 0.00	21.60 -0.11 0.00	21.35 -0.09 0.00	20.88 -0.08 0.00	20.78 0.21 0.00	20.95 0.02 0.00	21.96 -0.02 0.00	23.23 -0.07 0.00	24.62 -0.10 0.00	25.11 -0.10 0.00	26.95 -0.11 0.00	27.91 -0.14 0.00	29.04 -0.17 0.00	31.39 -0.29 0.00	35.98 -0.14 0.00	36.27 -0.07 0.00	30.91 -0.06 0.00	30.06 -0.21 0.00	28.42 -0.32 0.00	24.90 -0.33 0.00	23.50 -0.33 0.00
FALCON____SEABRD_CC2 323797	28.02 -0.14 0.00	24.73 -0.15 0.00	23.53 -0.12 0.00	22.21 -0.11 0.00	21.60 -0.11 0.00	21.35 -0.09 0.00	20.88 -0.08 0.00	20.78 0.21 0.00	20.95 0.02 0.00	21.96 -0.02 0.00	23.23 -0.07 0.00	24.62 -0.10 0.00	25.11 -0.10 0.00	26.95 -0.11 0.00	27.91 -0.14 0.00	29.04 -0.17 0.00	31.39 -0.29 0.00	35.98 -0.14 0.00	36.27 -0.07 0.00	30.91 -0.06 0.00	30.06 -0.21 0.00	28.42 -0.32 0.00	24.90 -0.33 0.00	23.50 -0.33 0.00
FAR ROCKAWAY____4 23548	34.36 3.27 -2.93	31.14 2.81 -3.45	27.41 2.63 -1.14	24.60 2.28 0.00	23.77 2.06 0.00	23.58 2.14 0.00	22.87 1.91 0.00	22.61 2.04 0.00	23.23 2.30 0.00	24.51 2.53 0.00	28.52 2.68 -2.53	28.97 2.92 -1.34	32.92 3.03 -4.69	35.06 3.19 -4.80	38.08 3.17 -6.87	40.36 3.39 -7.76	42.32 3.80 -6.84	43.20 4.08 -3.00	45.94 4.11 -5.49	42.98 3.04 -8.96	41.47 3.15 -8.04	35.20 3.28 -3.19	30.42 3.05 -2.14	27.71 2.74 -1.14
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.61 2.45 0.00	26.95 2.07 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.21 1.50 0.00	23.11 1.67 0.00	22.48 1.51 0.00	22.07 1.50 0.00	22.68 1.76 0.00	23.88 1.89 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.58 2.37 0.00	29.57 2.52 0.00	30.60 2.55 0.00	31.90 2.69 0.00	34.72 3.04 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.27 2.53 0.00	27.57 2.35 0.00	25.86 2.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.61 2.45 0.00	26.95 2.07 0.00	25.57 1.92 0.00	23.95 1.63 0.00	23.21 1.50 0.00	23.11 1.67 0.00	22.48 1.51 0.00	22.07 1.50 0.00	22.68 1.76 0.00	23.88 1.89 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.58 2.37 0.00	29.57 2.52 0.00	30.60 2.55 0.00	31.90 2.69 0.00	34.72 3.04 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.60 2.33 0.00	31.27 2.53 0.00	27.57 2.35 0.00	25.86 2.03 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.88 1.89 0.00	25.36 2.05 0.00	26.97 2.25 0.00	27.55 2.34 0.00	29.55 2.49 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.23 3.11 0.00	39.40 3.05 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.83 2.00 0.00

FARRAGUT___LBMP 323566	30.56 2.39 0.00	26.90 2.02 0.00	25.52 1.87 0.00	23.91 1.58 0.00	23.17 1.45 0.00	23.07 1.63 0.00	22.43 1.47 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.87 2.66 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.02 2.04 0.00	32.54 2.27 0.00	31.21 2.47 0.00	27.52 2.30 0.00	25.81 1.98 0.00
FENNER___WINDPWR 24204	29.00 0.51 -0.33	25.45 0.50 -0.07	24.10 0.45 0.00	22.77 0.45 0.00	22.14 0.43 0.00	21.80 0.36 0.00	21.34 0.38 0.00	20.86 0.29 0.00	21.32 0.40 0.00	22.36 0.37 0.00	23.87 0.42 -0.15	25.40 0.42 -0.26	25.85 0.40 -0.24	27.88 0.43 -0.39	28.99 0.48 -0.47	30.27 0.50 -0.56	32.90 0.60 -0.63	37.96 0.76 -1.08	38.28 0.76 -1.17	32.57 0.84 -0.76	31.73 0.76 -0.70	29.99 0.69 -0.56	26.08 0.55 -0.30	24.61 0.57 -0.21
FIBERTEK___ENERGY 23856	28.85 -0.08 -0.77	25.05 0.00 -0.17	23.60 -0.05 0.00	22.32 0.00 0.00	21.73 0.02 0.00	21.40 -0.04 0.00	20.82 -0.15 0.00	20.41 -0.16 0.00	20.91 -0.02 0.00	22.03 0.04 0.00	23.72 0.07 -0.35	25.38 0.05 -0.62	25.80 0.03 -0.56	27.99 0.03 -0.91	29.17 0.03 -1.10	30.52 0.00 -1.31	33.07 -0.06 -1.46	38.66 0.04 -2.51	39.04 -0.04 -2.74	32.91 0.15 -1.78	31.97 0.06 -1.63	30.05 0.00 -1.31	25.95 0.03 -0.70	24.42 0.10 -0.49
FITZPATRICK____ 23598	23.09 -0.84 4.23	23.26 -0.70 0.93	22.99 -0.66 0.00	21.72 -0.60 0.00	21.17 -0.54 0.00	20.84 -0.60 0.00	20.38 -0.59 0.00	19.95 -0.62 0.00	20.38 -0.54 0.00	21.41 -0.57 0.00	20.77 -0.61 1.92	20.68 -0.67 3.38	21.45 -0.68 3.08	21.36 -0.73 4.97	21.24 -0.76 6.05	21.21 -0.79 7.22	22.81 -0.85 8.01	21.35 -1.01 13.76	20.27 -1.06 15.02	20.49 -0.74 9.75	20.52 -0.79 8.97	20.81 -0.75 7.18	20.72 -0.68 3.83	20.58 -0.57 2.68
FLOWRFLD_69_KV_BK1 356044	34.67 3.58 -2.93	31.37 3.04 -3.45	27.65 2.86 -1.14	24.80 2.48 0.00	23.97 2.26 0.00	23.73 2.29 0.00	23.00 2.03 0.00	22.87 2.30 0.00	23.50 2.57 0.00	24.62 2.64 0.00	28.52 2.68 -2.53	28.92 2.87 -1.34	32.95 3.05 -4.69	35.19 3.33 -4.80	38.36 3.45 -6.87	40.71 3.74 -7.76	42.73 4.21 -6.84	43.70 4.59 -3.00	67.33 4.51 -26.48	43.41 3.47 -8.96	41.89 3.57 -8.04	35.38 3.45 -3.19	30.49 3.13 -2.14	27.81 2.84 -1.14
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.45 2.28 0.00	26.80 1.92 0.00	25.45 1.80 0.00	23.88 1.56 0.00	23.19 1.48 0.00	23.03 1.59 0.00	22.37 1.40 0.00	21.91 1.34 0.00	22.45 1.53 0.00	23.64 1.65 0.00	25.08 1.77 0.00	26.65 1.93 0.00	27.18 1.97 0.00	29.20 2.14 0.00	30.29 2.24 0.00	31.55 2.34 0.00	34.46 2.79 0.00	39.08 2.96 0.00	39.40 3.05 0.00	33.14 2.17 0.00	32.54 2.27 0.00	31.01 2.27 0.00	27.27 2.04 0.00	25.60 1.76 0.00
FORT ORANGE____ 23900	29.32 1.16 0.00	25.83 0.95 0.00	24.55 0.90 0.00	23.10 0.78 0.00	22.45 0.74 0.00	22.23 0.79 0.00	21.72 0.75 0.00	21.10 0.53 0.00	21.51 0.59 0.00	22.58 0.59 0.00	23.93 0.63 0.00	25.44 0.72 0.00	25.94 0.73 0.00	27.90 0.84 0.00	28.92 0.87 0.00	30.14 0.93 0.00	32.78 1.11 0.00	37.38 1.26 0.00	37.69 1.35 0.00	32.03 1.05 0.00	31.36 1.09 0.00	29.71 0.98 0.00	26.09 0.86 0.00	24.55 0.71 0.00
FORT_DRUM_COGEN 23780	29.51 0.73 -0.61	25.64 0.62 -0.13	24.19 0.54 0.00	22.81 0.49 0.00	22.19 0.48 0.00	21.83 0.39 0.00	21.32 0.36 0.00	20.86 0.29 0.00	21.26 0.33 0.00	22.16 0.18 0.00	23.82 0.23 -0.28	25.43 0.22 -0.49	25.78 0.13 -0.45	27.91 0.14 -0.72	29.12 0.20 -0.88	30.49 0.23 -1.04	33.02 0.19 -1.16	38.73 0.61 -1.99	39.35 0.84 -2.17	33.38 0.99 -1.41	32.54 0.97 -1.30	30.72 0.95 -1.04	26.49 0.71 -0.55	24.89 0.67 -0.39
FPL_FAR_ROCK_GT1 24212	34.36 3.27 -2.93	31.14 2.81 -3.45	27.42 2.62 -1.14	24.53 2.21 0.00	23.77 2.06 0.00	23.56 2.12 0.00	23.00 2.03 0.00	22.46 1.89 0.00	23.21 2.28 0.00	24.37 2.38 0.00	28.52 2.68 -2.54	28.98 2.92 -1.34	32.92 3.02 -4.69	35.05 3.19 -4.80	38.08 3.17 -6.87	40.35 3.39 -7.76	42.13 3.61 -6.84	43.20 4.08 -3.00	45.90 4.07 -5.49	42.94 3.00 -8.96	41.44 3.12 -8.04	35.06 3.13 -3.19	30.42 3.05 -2.14	27.69 2.72 -1.15
FPL_FAR_ROCK_GT2 23815	34.36 3.27 -2.93	31.14 2.81 -3.45	27.42 2.62 -1.14	24.53 2.21 0.00	23.77 2.06 0.00	23.56 2.12 0.00	23.00 2.03 0.00	22.46 1.89 0.00	23.21 2.28 0.00	24.37 2.38 0.00	28.52 2.68 -2.54	28.98 2.92 -1.34	32.92 3.02 -4.69	35.05 3.19 -4.80	38.08 3.17 -6.87	40.35 3.39 -7.76	42.13 3.61 -6.84	43.20 4.08 -3.00	45.90 4.07 -5.49	42.94 3.00 -8.96	41.44 3.12 -8.04	35.06 3.13 -3.19	30.42 3.05 -2.14	27.69 2.72 -1.15
FRANKLIN_FALL_HYD 24054	27.80 -0.37 0.00	24.51 -0.37 0.00	23.30 -0.35 0.00	21.99 -0.33 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.86 -0.10 0.00	20.63 0.06 0.00	20.78 -0.15 0.00	21.77 -0.22 0.00	23.02 -0.28 0.00	24.37 -0.35 0.00	24.86 -0.35 0.00	26.68 -0.38 0.00	27.62 -0.42 0.00	28.77 -0.44 0.00	31.11 -0.57 0.00	35.69 -0.43 0.00	36.02 -0.33 0.00	30.70 -0.28 0.00	29.85 -0.42 0.00	28.22 -0.52 0.00	24.72 -0.50 0.00	23.33 -0.50 0.00
FREEPORT_EQUS_GT1 23764	34.17 3.07 -2.93	30.97 2.64 -3.45	27.25 2.46 -1.14	24.37 2.05 0.00	23.64 1.93 0.00	23.43 1.99 0.00	22.87 1.91 0.00	22.34 1.77 0.00	23.08 2.16 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.78 2.72 -1.34	32.69 2.80 -4.69	34.84 2.98 -4.80	38.00 3.08 -6.87	40.27 3.30 -7.76	42.03 3.52 -6.84	43.09 3.97 -3.00	45.76 3.93 -5.49	42.85 2.91 -8.96	41.37 3.06 -8.04	34.86 2.93 -3.19	30.24 2.87 -2.14	27.53 2.55 -1.14
FREEPORT___CT2 23818	34.17 3.07 -2.93	30.97 2.64 -3.45	27.25 2.46 -1.14	24.37 2.05 0.00	23.64 1.93 0.00	23.43 1.99 0.00	22.87 1.91 0.00	22.34 1.77 0.00	23.08 2.16 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.78 2.72 -1.34	32.69 2.80 -4.69	34.84 2.98 -4.80	38.00 3.08 -6.87	40.27 3.30 -7.76	42.03 3.52 -6.84	43.09 3.97 -3.00	45.76 3.93 -5.49	42.85 2.91 -8.96	41.37 3.06 -8.04	34.86 2.93 -3.19	30.24 2.87 -2.14	27.53 2.55 -1.14
FRESHKLS_33_KV_LOAD 356253	30.75 2.59 0.00	27.15 2.26 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.39 1.67 -0.01	23.22 1.78 0.00	22.41 1.45 0.00	21.91 1.34 0.00	22.47 1.55 0.01	23.67 1.69 0.01	25.21 1.91 0.01	26.84 2.13 0.01	27.47 2.27 0.01	29.49 2.44 0.01	30.53 2.50 0.01	31.86 2.66 0.01	34.64 2.98 0.01	39.15 3.03 0.01	39.39 3.05 0.01	32.89 1.92 0.01	32.44 2.18 0.01	31.34 2.62 0.01	27.79 2.55 -0.02	26.08 2.24 -0.01
FULTON COGEN____ 23766	29.15 -0.39 -1.38	24.91 -0.27 -0.30	23.34 -0.31 0.00	22.08 -0.25 0.00	21.49 -0.22 0.00	21.16 -0.28 0.00	20.59 -0.38 0.00	20.18 -0.39 0.00	20.66 -0.27 0.00	21.74 -0.24 0.00	23.70 -0.23 -0.63	25.55 -0.27 -1.11	25.91 -0.30 -1.01	28.36 -0.32 -1.63	29.69 -0.34 -1.98	31.22 -0.35 -2.36	33.79 -0.51 -2.62	40.15 -0.47 -4.50	40.75 -0.51 -4.91	33.89 -0.28 -3.19	32.87 -0.33 -2.93	30.71 -0.37 -2.35	26.20 -0.28 -1.25	24.52 -0.19 -0.88



FULTON___LFGE 323630	31.63 3.46 0.00	27.87 2.98 0.00	26.39 2.74 0.00	24.91 2.59 0.00	24.27 2.56 0.00	23.95 2.51 0.00	23.44 2.47 0.00	22.75 2.18 0.00	23.12 2.20 0.00	24.18 2.20 0.00	25.63 2.33 0.00	27.09 2.37 0.00	27.68 2.47 0.00	29.82 2.76 0.00	30.99 2.94 0.00	32.28 3.07 0.00	35.32 3.64 0.00	40.60 4.48 0.00	41.22 4.87 0.00	35.56 4.58 0.00	34.69 4.42 0.00	32.64 3.91 0.00	28.41 3.18 0.00	26.74 2.91 0.00
G.F.CEMENT___DRP 24184	29.99 1.83 0.00	26.37 1.49 0.00	25.02 1.37 0.00	23.59 1.27 0.00	22.95 1.24 0.00	22.68 1.24 0.00	22.08 1.11 0.00	21.56 0.99 0.00	22.04 1.11 0.00	23.17 1.19 0.00	24.42 1.12 0.00	25.86 1.14 0.00	26.29 1.08 0.00	28.25 1.19 0.00	29.28 1.23 0.00	30.52 1.31 0.00	33.32 1.65 0.00	37.89 1.77 0.00	38.52 2.18 0.00	32.96 1.98 0.00	32.30 2.03 0.00	30.66 1.93 0.00	26.74 1.51 0.00	25.17 1.33 0.00
GARDENVILLE___LBMP 24039	28.50 0.34 0.00	25.55 0.67 0.00	24.22 0.57 0.00	22.90 0.58 0.00	22.45 0.74 0.00	21.74 0.30 0.00	20.99 0.02 0.00	20.28 -0.29 0.00	21.28 0.36 0.00	22.71 0.73 0.00	24.21 0.91 0.00	25.51 0.79 0.00	26.02 0.81 0.00	27.90 0.84 0.00	28.97 0.93 0.00	30.06 0.85 0.00	31.90 0.22 0.00	36.41 0.29 0.00	36.38 0.04 0.00	32.03 1.05 0.00	30.97 0.70 0.00	29.23 0.49 0.00	25.76 0.53 0.00	25.05 1.22 0.00
GARDNVLA_35_KV_LD 355827	28.64 0.48 0.00	25.65 0.77 0.00	24.31 0.66 0.00	22.99 0.67 0.00	22.56 0.85 0.00	21.83 0.39 0.00	21.07 0.10 0.00	20.36 -0.21 0.00	21.37 0.44 0.00	22.80 0.81 0.00	24.33 1.03 0.00	25.63 0.91 0.00	26.14 0.93 0.00	28.03 0.97 0.00	29.14 1.09 0.00	30.20 0.99 0.00	32.06 0.38 0.00	36.59 0.47 0.00	36.56 0.22 0.00	32.18 1.21 0.00	31.12 0.85 0.00	29.34 0.60 0.00	25.88 0.66 0.00	25.17 1.33 0.00
GELCKHM___115KV_LOAD 80723	28.36 -0.31 -0.51	24.79 -0.20 -0.11	23.44 -0.21 0.00	22.14 -0.18 0.00	21.58 -0.13 0.00	21.25 -0.19 0.00	20.67 -0.29 0.00	20.26 -0.31 0.00	20.76 -0.17 0.00	21.85 -0.13 0.00	23.42 -0.12 -0.23	24.98 -0.15 -0.40	25.40 -0.18 -0.37	27.46 -0.19 -0.60	28.57 -0.20 -0.72	29.87 -0.20 -0.86	32.32 -0.32 -0.96	37.51 -0.25 -1.65	37.81 -0.33 -1.80	32.05 -0.09 -1.17	31.16 -0.18 -1.07	29.37 -0.23 -0.86	25.51 -0.18 -0.46	24.08 -0.07 -0.32
GENERAL___MILLS 23808	28.59 0.42 0.00	25.63 0.75 0.00	24.29 0.64 0.00	22.95 0.63 0.00	22.51 0.80 0.00	21.80 0.36 0.00	21.03 0.06 0.00	20.32 -0.25 0.00	21.32 0.40 0.00	22.76 0.77 0.00	24.28 0.98 0.00	25.58 0.87 0.00	26.09 0.88 0.00	27.98 0.92 0.00	29.05 1.01 0.00	30.14 0.93 0.00	31.99 0.32 0.00	36.52 0.40 0.00	36.49 0.15 0.00	32.12 1.15 0.00	31.06 0.79 0.00	29.28 0.55 0.00	25.83 0.61 0.00	25.12 1.29 0.00
GE_PLASTICS___DRP 24183	29.26 1.10 0.00	25.80 0.92 0.00	24.52 0.88 0.00	23.13 0.80 0.00	22.45 0.74 0.00	22.23 0.79 0.00	21.64 0.67 0.00	21.10 0.53 0.00	21.55 0.63 0.00	22.65 0.66 0.00	23.98 0.68 0.00	25.49 0.77 0.00	25.99 0.78 0.00	27.92 0.87 0.00	28.94 0.90 0.00	30.17 0.96 0.00	32.88 1.20 0.00	37.35 1.23 0.00	37.62 1.27 0.00	31.94 0.96 0.00	31.30 1.03 0.00	29.74 1.01 0.00	26.09 0.86 0.00	24.57 0.74 0.00
GILBOA___1 23756	29.35 1.18 0.00	25.88 1.00 0.00	24.69 1.04 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.51 1.07 0.00	21.93 0.96 0.00	21.19 0.62 0.00	21.70 0.77 0.00	22.82 0.84 0.00	24.19 0.89 0.00	25.68 0.96 0.00	26.22 1.01 0.00	28.14 1.08 0.00	29.17 1.12 0.00	30.38 1.17 0.00	32.94 1.27 0.00	37.53 1.41 0.00	37.80 1.46 0.00	32.06 1.08 0.00	31.42 1.15 0.00	29.86 1.12 0.00	26.24 1.01 0.00	24.74 0.91 0.00
GILBOA___2 23757	29.35 1.18 0.00	25.88 1.00 0.00	24.69 1.04 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.51 1.07 0.00	21.93 0.96 0.00	21.19 0.62 0.00	21.70 0.77 0.00	22.82 0.84 0.00	24.19 0.89 0.00	25.68 0.96 0.00	26.22 1.01 0.00	28.14 1.08 0.00	29.17 1.12 0.00	30.38 1.17 0.00	32.94 1.27 0.00	37.53 1.41 0.00	37.80 1.46 0.00	32.06 1.08 0.00	31.42 1.15 0.00	29.86 1.12 0.00	26.24 1.01 0.00	24.74 0.91 0.00
GILBOA___3 23758	29.35 1.18 0.00	25.88 1.00 0.00	24.69 1.04 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.51 1.07 0.00	21.93 0.96 0.00	21.19 0.62 0.00	21.70 0.77 0.00	22.82 0.84 0.00	24.19 0.89 0.00	25.68 0.96 0.00	26.22 1.01 0.00	28.14 1.08 0.00	29.17 1.12 0.00	30.38 1.17 0.00	32.94 1.27 0.00	37.53 1.41 0.00	37.80 1.46 0.00	32.06 1.08 0.00	31.42 1.15 0.00	29.86 1.12 0.00	26.24 1.01 0.00	24.74 0.91 0.00
GILBOA___4 23759	29.35 1.18 0.00	25.88 1.00 0.00	24.69 1.04 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.51 1.07 0.00	21.93 0.96 0.00	21.19 0.62 0.00	21.70 0.77 0.00	22.82 0.84 0.00	24.19 0.89 0.00	25.68 0.96 0.00	26.22 1.01 0.00	28.14 1.08 0.00	29.17 1.12 0.00	30.38 1.17 0.00	32.94 1.27 0.00	37.53 1.41 0.00	37.80 1.46 0.00	32.06 1.08 0.00	31.42 1.15 0.00	29.86 1.12 0.00	26.24 1.01 0.00	24.74 0.91 0.00
GILBOA___ 23599	29.35 1.18 0.00	25.88 1.00 0.00	24.69 1.04 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.51 1.07 0.00	21.85 0.88 0.00	21.21 0.64 0.00	21.70 0.77 0.00	22.82 0.84 0.00	24.19 0.89 0.00	25.68 0.96 0.00	26.22 1.01 0.00	28.14 1.08 0.00	29.17 1.12 0.00	30.38 1.17 0.00	33.04 1.36 0.00	37.53 1.41 0.00	37.80 1.45 0.00	32.09 1.12 0.00	31.42 1.15 0.00	29.92 1.18 0.00	26.24 1.01 0.00	24.74 0.91 0.00
GINNA___ 23603	26.84 -1.32 0.00	23.96 -0.92 0.00	22.68 -0.97 0.00	21.47 -0.85 0.00	20.97 -0.74 0.00	20.48 -0.96 0.00	20.11 -0.86 0.00	19.58 -0.99 0.00	20.24 -0.69 0.00	21.35 -0.64 0.00	22.68 -0.63 0.00	23.93 -0.79 0.00	24.43 -0.78 0.00	26.22 -0.84 0.00	27.18 -0.87 0.00	28.30 -0.91 0.00	30.66 -1.01 0.00	34.67 -1.45 0.00	34.78 -1.56 0.00	30.20 -0.77 0.00	29.30 -0.97 0.00	27.88 -0.86 0.00	24.32 -0.91 0.00	23.26 -0.57 0.00
GLEN PARK___ 23778	29.68 0.87 -0.64	25.80 0.77 -0.14	24.34 0.69 0.00	22.97 0.65 0.00	22.32 0.61 0.00	21.93 0.49 0.00	21.49 0.52 0.00	20.98 0.41 0.00	21.39 0.46 0.00	22.25 0.26 0.00	23.92 0.33 -0.29	25.55 0.32 -0.51	25.91 0.23 -0.47	28.03 0.22 -0.76	29.27 0.31 -0.92	30.66 0.35 -1.10	33.34 0.44 -1.22	39.08 0.87 -2.09	39.72 1.09 -2.29	33.73 1.27 -1.48	32.88 1.24 -1.36	31.07 1.23 -1.09	26.67 0.86 -0.58	25.07 0.83 -0.41
GLENDALE_27_KV_LOAD 356172	30.84 2.68 0.00	27.15 2.26 0.00	25.73 2.08 0.00	24.09 1.76 0.00	23.34 1.63 0.00	23.24 1.80 0.00	22.56 1.59 0.00	22.11 1.54 0.00	22.71 1.78 0.00	23.92 1.93 0.00	25.45 2.14 0.00	27.07 2.35 0.00	27.68 2.47 0.00	29.68 2.62 0.00	30.77 2.72 0.00	32.04 2.83 0.00	34.81 3.14 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.11 2.14 0.00	32.66 2.39 0.00	31.50 2.76 0.00	27.78 2.55 0.00	26.05 2.22 0.00

GLENWOOD_IC_1_G5 23712	33.83 2.73 -2.93	30.67 2.34 -3.45	26.96 2.18 -1.14	24.20 1.88 0.00	23.43 1.72 0.00	23.26 1.82 0.00	22.60 1.64 0.00	22.26 1.69 0.00	22.87 1.95 0.00	24.12 2.13 0.00	28.12 2.28 -2.53	28.55 2.50 -1.34	32.49 2.60 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	39.80 2.83 -7.76	41.72 3.20 -6.84	42.48 3.36 -3.00	45.17 3.34 -5.49	42.36 2.42 -8.96	40.86 2.54 -8.04	34.77 2.84 -3.19	29.94 2.57 -2.14	27.24 2.26 -1.14
GLENWOOD_IC_2_G1 23688	33.63 2.54 -2.93	30.47 2.14 -3.45	26.80 2.01 -1.14	24.00 1.68 0.00	23.29 1.58 0.00	23.13 1.69 0.00	22.60 1.64 0.00	22.05 1.48 0.00	22.70 1.78 0.00	23.88 1.89 0.00	27.96 2.12 -2.53	28.36 2.30 -1.34	32.29 2.40 -4.69	34.43 2.57 -4.80	37.55 2.64 -6.87	39.74 2.78 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.73 2.37 -2.14	27.05 2.07 -1.14
GLENWOOD_IC_3_G1 23689	33.63 2.54 -2.93	30.47 2.14 -3.45	26.80 2.01 -1.14	24.00 1.68 0.00	23.29 1.58 0.00	23.13 1.69 0.00	22.60 1.64 0.00	22.05 1.48 0.00	22.70 1.78 0.00	23.88 1.89 0.00	27.96 2.12 -2.53	28.36 2.30 -1.34	32.29 2.40 -4.69	34.43 2.57 -4.80	37.55 2.64 -6.87	39.74 2.78 -7.76	41.43 2.91 -6.84	42.40 3.29 -3.00	45.06 3.23 -5.49	42.23 2.29 -8.96	40.80 2.48 -8.04	34.37 2.44 -3.19	29.73 2.37 -2.14	27.05 2.07 -1.14
GLENWOOD___4 23550	33.83 2.73 -2.93	30.67 2.34 -3.45	26.96 2.18 -1.14	24.20 1.88 0.00	23.43 1.72 0.00	23.26 1.82 0.00	22.60 1.64 0.00	22.26 1.69 0.00	22.87 1.95 0.00	24.12 2.13 0.00	28.12 2.28 -2.53	28.55 2.50 -1.34	32.49 2.60 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	39.89 2.92 -7.76	41.81 3.29 -6.84	42.58 3.47 -3.00	45.28 3.45 -5.49	42.42 2.48 -8.96	40.95 2.63 -8.04	34.77 2.84 -3.19	29.94 2.57 -2.14	27.24 2.26 -1.14
GLENWOOD___5 23614	33.83 2.73 -2.93	30.67 2.34 -3.45	26.96 2.18 -1.14	24.20 1.88 0.00	23.43 1.72 0.00	23.26 1.82 0.00	22.60 1.64 0.00	22.26 1.69 0.00	22.87 1.95 0.00	24.12 2.13 0.00	28.12 2.28 -2.53	28.55 2.50 -1.34	32.49 2.60 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	39.89 2.92 -7.76	41.81 3.29 -6.84	42.58 3.47 -3.00	45.28 3.45 -5.49	42.42 2.48 -8.96	40.95 2.63 -8.04	34.77 2.84 -3.19	29.94 2.57 -2.14	27.24 2.26 -1.14
GLOBAL GREEN_PORT_GT1 23814	36.08 4.99 -2.93	32.64 4.31 -3.45	28.79 4.00 -1.14	25.74 3.42 0.00	24.95 3.24 0.00	24.68 3.24 0.00	24.05 3.08 0.00	23.68 3.11 0.00	24.59 3.66 0.00	25.37 3.38 0.00	29.59 3.75 -2.53	30.06 4.00 -1.34	34.18 4.29 -4.69	36.49 4.63 -4.80	39.71 4.79 -6.87	42.17 5.20 -7.76	44.19 5.67 -6.84	45.69 6.58 -3.00	66.50 6.62 -23.54	45.11 5.17 -8.96	43.31 4.99 -8.04	36.47 4.54 -3.19	31.53 4.16 -2.14	28.76 3.79 -1.14
GLOBE___DSASP 323697	27.49 -0.68 0.00	25.01 0.12 0.00	23.41 -0.24 0.00	22.14 -0.18 0.00	21.99 0.28 0.00	21.01 -0.43 0.00	20.25 -0.71 0.00	19.56 -1.01 0.00	20.51 -0.42 0.00	21.90 -0.09 0.00	23.35 0.05 0.00	24.60 -0.12 0.00	25.06 -0.15 0.00	26.90 -0.16 0.00	27.93 -0.11 0.00	28.98 -0.23 0.00	30.63 -1.05 0.00	34.96 -1.16 0.00	34.89 -1.45 0.00	30.82 -0.15 0.00	29.85 -0.42 0.00	28.16 -0.57 0.00	24.87 -0.35 0.00	24.21 0.38 0.00
GOETHSLN___LBMP 323567	30.39 2.22 0.00	26.77 1.89 0.00	25.40 1.75 0.00	23.77 1.45 0.00	23.06 1.35 0.00	22.96 1.52 0.00	22.35 1.38 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.77 1.78 0.00	25.26 1.96 0.00	26.87 2.15 0.00	27.48 2.27 0.00	29.44 2.38 0.00	30.43 2.38 0.00	31.72 2.51 0.00	34.53 2.85 0.00	39.01 2.89 0.00	39.14 2.80 0.00	32.84 1.86 0.00	32.36 2.09 0.00	31.06 2.33 0.00	27.42 2.19 0.00	25.69 1.86 0.00
GOLAH___69_KV_TB 1_2 80279	28.28 0.11 0.00	25.28 0.40 0.00	24.03 0.38 0.00	22.72 0.40 0.00	22.23 0.52 0.00	21.63 0.19 0.00	20.97 0.00 0.00	20.32 -0.25 0.00	21.09 0.17 0.00	22.43 0.44 0.00	23.91 0.61 0.00	25.21 0.49 0.00	25.66 0.45 0.00	27.57 0.51 0.00	28.61 0.56 0.00	29.82 0.61 0.00	31.87 0.19 0.00	36.37 0.25 0.00	36.45 0.11 0.00	31.81 0.84 0.00	30.85 0.58 0.00	29.14 0.40 0.00	25.63 0.40 0.00	24.62 0.79 0.00
GOODYEAR_LAKE_HYD 323669	29.66 1.49 0.00	26.18 1.29 0.00	24.90 1.25 0.00	23.53 1.21 0.00	22.86 1.15 0.00	22.60 1.16 0.00	21.99 1.03 0.00	21.50 0.93 0.00	22.06 1.13 0.00	23.15 1.17 0.00	24.59 1.28 0.00	26.05 1.33 0.00	26.57 1.36 0.00	28.52 1.46 0.00	29.62 1.57 0.00	30.82 1.61 0.00	33.48 1.81 0.00	38.21 2.09 0.00	38.45 2.11 0.00	32.84 1.86 0.00	32.09 1.82 0.00	30.43 1.70 0.00	26.67 1.44 0.00	25.17 1.33 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.90 0.45 -0.28	25.47 0.52 -0.06	24.12 0.47 0.00	22.79 0.47 0.00	22.21 0.50 0.00	21.85 0.41 0.00	21.22 0.25 0.00	20.71 0.14 0.00	21.35 0.42 0.00	22.51 0.53 0.00	24.06 0.63 -0.13	25.56 0.62 -0.23	26.05 0.63 -0.21	28.04 0.65 -0.33	29.15 0.70 -0.41	30.40 0.70 -0.48	32.85 0.63 -0.54	37.84 0.79 -0.92	38.04 0.69 -1.01	32.53 0.90 -0.65	31.63 0.76 -0.60	29.85 0.63 -0.48	26.06 0.58 -0.26	24.70 0.69 -0.18
GOUDEY___7 23579	28.93 0.48 -0.28	25.49 0.55 -0.06	24.15 0.50 0.00	22.81 0.49 0.00	22.23 0.52 0.00	21.87 0.43 0.00	21.24 0.27 0.00	20.73 0.16 0.00	21.37 0.44 0.00	22.54 0.55 0.00	24.09 0.65 -0.13	25.59 0.64 -0.23	26.07 0.66 -0.21	28.07 0.68 -0.33	29.18 0.73 -0.41	30.43 0.73 -0.48	32.88 0.67 -0.54	37.88 0.83 -0.92	38.12 0.76 -1.01	32.56 0.93 -0.65	31.66 0.79 -0.60	29.88 0.66 -0.48	26.09 0.61 -0.26	24.73 0.71 -0.18
GOUDEY___8 23580	28.90 0.45 -0.28	25.47 0.52 -0.06	24.12 0.47 0.00	22.79 0.47 0.00	22.21 0.50 0.00	21.85 0.41 0.00	21.22 0.25 0.00	20.71 0.14 0.00	21.35 0.42 0.00	22.51 0.53 0.00	24.06 0.63 -0.13	25.56 0.62 -0.23	26.05 0.63 -0.21	28.04 0.65 -0.33	29.15 0.70 -0.41	30.40 0.70 -0.48	32.85 0.63 -0.54	37.84 0.79 -0.92	38.04 0.69 -1.01	32.53 0.90 -0.65	31.63 0.76 -0.60	29.85 0.63 -0.48	26.06 0.58 -0.26	24.70 0.69 -0.18
GOWANUS_GT1_1 24077	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT1_2 24078	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01

GOWANUS_GT1_3 24079	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT1_4 24080	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT1_5 24084	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT1_6 24111	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT1_7 24112	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT1_8 24113	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT2_1 24114	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT2_2 24115	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT2_3 24116	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT2_4 24117	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT2_5 24118	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT2_6 24119	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT2_7 24120	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT2_8 24121	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT3_1 24122	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01

GOWANUS_GT3_2 24123	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT3_3 24124	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT3_4 24125	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT3_5 24126	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT3_6 24127	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT3_7 24128	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT3_8 24129	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
GOWANUS_GT4_1 24130	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT4_2 24131	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT4_3 24132	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT4_4 24133	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT4_5 24134	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT4_6 24135	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT4_7 24136	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GOWANUS_GT4_8 24137	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01

GREENBSH_115KV_TB3 55895	29.15 0.99 0.00	25.68 0.80 0.00	24.41 0.76 0.00	23.01 0.69 0.00	22.34 0.63 0.00	22.13 0.69 0.00	21.53 0.57 0.00	21.02 0.45 0.00	21.43 0.50 0.00	22.51 0.53 0.00	23.84 0.54 0.00	25.34 0.62 0.00	25.84 0.63 0.00	27.79 0.73 0.00	28.80 0.76 0.00	30.00 0.79 0.00	32.72 1.05 0.00	37.17 1.05 0.00	37.43 1.09 0.00	31.81 0.84 0.00	31.15 0.88 0.00	29.60 0.86 0.00	25.93 0.71 0.00	24.43 0.60 0.00
GREENDGE_115KV_TB5 80291	28.90 0.51 -0.23	25.58 0.65 -0.05	24.17 0.52 0.00	22.86 0.54 0.00	22.32 0.61 0.00	21.85 0.41 0.00	21.18 0.21 0.00	20.67 0.10 0.00	21.39 0.46 0.00	22.60 0.62 0.00	24.13 0.72 -0.11	25.57 0.67 -0.19	26.09 0.71 -0.17	28.09 0.76 -0.27	29.19 0.81 -0.33	30.42 0.82 -0.40	32.46 0.35 -0.44	37.53 0.65 -0.76	37.75 0.58 -0.83	32.50 0.99 -0.54	31.70 0.94 -0.49	29.94 0.80 -0.40	26.14 0.71 -0.21	24.91 0.93 -0.15
GREENIDGE___3 23582	28.90 0.51 -0.23	25.58 0.65 -0.05	24.17 0.52 0.00	22.86 0.54 0.00	22.32 0.61 0.00	21.85 0.41 0.00	21.18 0.21 0.00	20.67 0.10 0.00	21.39 0.46 0.00	22.60 0.62 0.00	24.13 0.72 -0.11	25.57 0.67 -0.19	26.09 0.71 -0.17	28.09 0.76 -0.27	29.19 0.81 -0.33	30.42 0.82 -0.40	32.46 0.35 -0.44	37.53 0.65 -0.76	37.75 0.58 -0.83	32.50 0.99 -0.54	31.70 0.94 -0.49	29.94 0.80 -0.40	26.14 0.71 -0.21	24.91 0.93 -0.15
GREENIDGE___4 23583	28.88 0.48 -0.23	25.56 0.62 -0.05	24.17 0.52 0.00	22.88 0.56 0.00	22.32 0.61 0.00	21.85 0.41 0.00	21.45 0.48 0.00	20.84 0.27 0.00	21.51 0.59 0.00	22.65 0.66 0.00	24.13 0.72 -0.11	25.57 0.67 -0.19	26.08 0.70 -0.17	28.09 0.76 -0.27	29.19 0.81 -0.33	30.42 0.82 -0.40	32.72 0.60 -0.44	37.45 0.58 -0.76	37.68 0.51 -0.83	32.50 0.99 -0.54	31.71 0.94 -0.49	30.14 1.01 -0.40	26.14 0.71 -0.21	24.93 0.95 -0.15
GREENLWN_69_KV_BK 3 55738	34.11 3.01 -2.93	30.89 2.56 -3.45	27.18 2.39 -1.14	24.38 2.05 0.00	23.58 1.87 0.00	23.37 1.93 0.00	22.69 1.72 0.00	22.44 1.87 0.00	23.08 2.16 0.00	24.29 2.31 0.00	28.26 2.42 -2.53	28.70 2.64 -1.34	32.67 2.77 -4.69	34.84 2.98 -4.80	38.00 3.08 -6.87	40.30 3.33 -7.76	42.19 3.67 -6.84	42.87 3.76 -3.00	42.22 3.78 -2.09	42.73 2.79 -8.96	41.34 3.03 -8.04	34.97 3.05 -3.19	30.14 2.78 -2.14	27.43 2.45 -1.14
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01
GRISSOM___SOLAR 323813	31.63 3.46 0.00	27.87 2.98 0.00	26.39 2.74 0.00	24.91 2.59 0.00	24.27 2.56 0.00	23.95 2.51 0.00	23.44 2.47 0.00	22.75 2.18 0.00	23.12 2.20 0.00	24.18 2.20 0.00	25.63 2.33 0.00	27.09 2.37 0.00	27.68 2.47 0.00	29.82 2.76 0.00	30.99 2.94 0.00	32.28 3.07 0.00	35.32 3.64 0.00	40.60 4.48 0.00	41.22 4.87 0.00	35.56 4.58 0.00	34.69 4.42 0.00	32.64 3.91 0.00	28.41 3.18 0.00	26.74 2.91 0.00
GROVEVILLE___HYD 323602	30.45 2.28 0.00	26.80 1.92 0.00	25.45 1.80 0.00	23.88 1.56 0.00	23.19 1.48 0.00	23.03 1.59 0.00	22.37 1.40 0.00	21.91 1.34 0.00	22.45 1.53 0.00	23.64 1.65 0.00	25.08 1.77 0.00	26.65 1.93 0.00	27.18 1.97 0.00	29.20 2.14 0.00	30.29 2.24 0.00	31.55 2.34 0.00	34.46 2.79 0.00	39.08 2.96 0.00	39.40 3.05 0.00	33.14 2.17 0.00	32.54 2.27 0.00	31.01 2.27 0.00	27.27 2.04 0.00	25.60 1.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.85 -0.08 -0.77	25.05 0.00 -0.17	23.60 -0.05 0.00	22.32 0.00 0.00	21.73 0.02 0.00	21.40 -0.04 0.00	20.82 -0.15 0.00	20.41 -0.16 0.00	20.91 -0.02 0.00	22.03 0.04 0.00	23.72 0.07 -0.35	25.38 0.05 -0.62	25.80 0.03 -0.56	27.99 0.03 -0.91	29.17 0.03 -1.10	30.52 0.00 -1.31	33.07 -0.06 -1.46	38.66 0.04 -2.51	39.04 -0.04 -2.74	32.91 0.15 -1.78	31.97 0.06 -1.63	30.05 0.00 -1.31	25.95 0.03 -0.70	24.42 0.10 -0.49
HAMLTNNY_34_KV_TB 80303	28.96 0.00 -0.79	25.13 0.07 -0.17	23.67 0.02 0.00	22.37 0.04 0.00	21.80 0.09 0.00	21.44 0.00 0.00	20.86 -0.10 0.00	20.45 -0.12 0.00	20.97 0.04 0.00	22.10 0.11 0.00	23.83 0.16 -0.36	25.48 0.12 -0.63	25.91 0.13 -0.58	28.13 0.14 -0.93	29.32 0.14 -1.14	30.71 0.15 -1.35	33.21 0.03 -1.50	38.92 0.22 -2.58	39.27 0.11 -2.82	33.12 0.31 -1.83	32.17 0.21 -1.68	30.20 0.11 -1.35	26.05 0.10 -0.72	24.55 0.21 -0.50
HAMPSHIRE___PAPER_HYD 323593	28.42 0.00 -0.25	24.89 -0.05 -0.06	23.58 -0.07 0.00	22.26 -0.07 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.88 -0.08 0.00	20.59 0.02 0.00	20.86 -0.06 0.00	21.79 -0.20 0.00	23.21 -0.21 -0.12	24.68 -0.25 -0.20	25.09 -0.30 -0.19	27.03 -0.32 -0.30	28.10 -0.31 -0.36	29.32 -0.32 -0.43	31.84 -0.32 -0.48	36.84 -0.11 -0.83	37.28 0.04 -0.90	31.72 0.16 -0.59	30.90 0.09 -0.54	29.26 0.09 -0.43	25.43 -0.03 -0.23	23.97 -0.02 -0.16
HARDSCRABBLE_WT_PWR 323673	28.16 0.00 0.00	24.88 0.00 0.00	23.65 0.00 0.00	22.32 0.00 0.00	21.69 -0.02 0.00	21.40 -0.04 0.00	20.92 -0.04 0.00	20.49 -0.08 0.00	20.89 -0.04 0.00	21.92 -0.07 0.00	23.21 -0.09 0.00	24.60 -0.12 0.00	25.01 -0.20 0.00	26.73 -0.32 0.00	27.71 -0.34 0.00	28.80 -0.41 0.00	31.26 -0.41 0.00	35.76 -0.36 0.00	36.02 -0.33 0.00	30.70 -0.28 0.00	30.03 -0.24 0.00	28.54 -0.20 0.00	25.05 -0.18 0.00	23.69 -0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.22 2.06 0.00	26.60 1.72 0.00	25.26 1.61 0.00	23.71 1.38 0.00	23.01 1.30 0.00	22.85 1.42 0.00	22.22 1.26 0.00	21.78 1.21 0.00	22.37 1.44 0.00	23.55 1.56 0.00	25.01 1.70 0.00	26.57 1.85 0.00	27.13 1.92 0.00	29.14 2.08 0.00	30.20 2.16 0.00	31.49 2.28 0.00	34.34 2.66 0.00	38.94 2.82 0.00	39.18 2.83 0.00	32.99 2.01 0.00	32.39 2.12 0.00	30.89 2.16 0.00	27.14 1.92 0.00	25.48 1.64 0.00
HARSNRAD_115KV_TB1 81005	28.28 0.11 0.00	25.30 0.42 0.00	24.08 0.43 0.00	22.77 0.45 0.00	22.23 0.52 0.00	21.59 0.15 0.00	20.78 -0.19 0.00	20.01 -0.56 0.00	20.99 0.06 0.00	22.40 0.42 0.00	23.91 0.61 0.00	25.16 0.44 0.00	25.66 0.45 0.00	27.52 0.46 0.00	28.58 0.53 0.00	29.68 0.47 0.00	31.42 -0.25 0.00	35.87 -0.25 0.00	35.84 -0.51 0.00	31.63 0.65 0.00	30.61 0.33 0.00	28.85 0.11 0.00	25.48 0.25 0.00	24.86 1.02 0.00
HARZA MOOSE___RIVER 24016	29.00 0.62 -0.22	25.48 0.55 -0.05	24.15 0.50 0.00	22.77 0.45 0.00	22.15 0.43 0.00	21.83 0.39 0.00	21.34 0.38 0.00	20.92 0.35 0.00	21.32 0.40 0.00	22.29 0.31 0.00	23.75 0.35 -0.10	25.24 0.35 -0.17	25.67 0.30 -0.16	27.64 0.32 -0.25	28.75 0.39 -0.31	29.99 0.41 -0.37	32.56 0.48 -0.41	37.58 0.76 -0.70	37.98 0.87 -0.77	32.34 0.87 -0.50	31.58 0.85 -0.46	29.88 0.78 -0.37	26.03 0.61 -0.20	24.54 0.57 -0.14

HDSNBRDG_115KV_BRDG_TB1 355580	28.27 -0.31 -0.41	24.80 -0.17 -0.09	23.48 -0.17 0.00	22.19 -0.13 0.00	21.62 -0.09 0.00	21.27 -0.17 0.00	20.69 -0.27 0.00	20.26 -0.31 0.00	20.78 -0.15 0.00	21.88 -0.11 0.00	23.42 -0.07 -0.19	24.95 -0.10 -0.33	25.36 -0.15 -0.30	27.35 -0.19 -0.48	28.44 -0.20 -0.59	29.71 -0.20 -0.70	32.14 -0.32 -0.78	37.21 -0.25 -1.34	37.51 -0.29 -1.46	31.83 -0.09 -0.95	30.96 -0.18 -0.87	29.21 -0.23 -0.70	25.45 -0.15 -0.37	24.07 -0.02 -0.26
HELLGATE_13_KV_LD 55870	30.73 2.56 0.00	27.02 2.14 0.00	25.64 1.99 0.00	24.00 1.67 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.46 1.49 0.00	22.01 1.44 0.00	22.58 1.65 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.56 2.88 0.00	39.01 2.89 0.00	39.22 2.87 0.00	32.90 1.92 0.00	32.42 2.15 0.00	31.32 2.59 0.00	27.65 2.42 0.00	25.93 2.10 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.73 2.56 0.00	27.02 2.14 0.00	25.64 1.99 0.00	24.00 1.67 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.46 1.49 0.00	22.01 1.44 0.00	22.58 1.65 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.56 2.88 0.00	39.01 2.89 0.00	39.22 2.87 0.00	32.90 1.92 0.00	32.42 2.15 0.00	31.32 2.59 0.00	27.65 2.42 0.00	25.93 2.10 0.00
HEMPSTEAD____ 23647	33.86 2.76 -2.93	30.70 2.37 -3.45	26.99 2.20 -1.14	24.15 1.83 0.00	23.43 1.71 0.00	23.24 1.80 0.00	22.69 1.72 0.00	22.15 1.58 0.00	22.87 1.95 0.00	24.01 2.02 0.00	28.10 2.26 -2.53	28.53 2.47 -1.34	32.44 2.55 -4.69	34.59 2.73 -4.80	37.72 2.80 -6.87	39.92 2.95 -7.76	41.65 3.14 -6.84	42.62 3.50 -3.00	45.32 3.49 -5.49	42.45 2.51 -8.96	41.01 2.69 -8.04	34.57 2.64 -3.19	29.96 2.60 -2.14	27.24 2.27 -1.14
HEWLETT__69_KV_BK3 55828	34.19 3.10 -2.93	30.99 2.66 -3.45	27.27 2.48 -1.14	24.47 2.14 0.00	23.66 1.95 0.00	23.46 2.02 0.00	22.77 1.80 0.00	22.50 1.93 0.00	23.12 2.20 0.00	24.38 2.40 0.00	28.38 2.54 -2.53	28.83 2.77 -1.34	32.74 2.85 -4.69	34.87 3.00 -4.80	37.94 3.03 -6.87	40.21 3.24 -7.76	42.16 3.64 -6.84	43.02 3.90 -3.00	45.72 3.89 -5.49	42.82 2.88 -8.96	41.31 3.00 -8.04	35.03 3.10 -3.19	30.27 2.90 -2.14	27.55 2.57 -1.14
HICKLING__1 23621	29.13 0.73 -0.23	25.78 0.85 -0.05	24.38 0.73 0.00	23.08 0.76 0.00	22.54 0.83 0.00	22.04 0.60 0.00	21.34 0.38 0.00	20.80 0.23 0.00	21.62 0.69 0.00	22.87 0.88 0.00	24.46 1.05 -0.10	25.89 0.99 -0.18	26.41 1.03 -0.17	28.44 1.11 -0.27	29.55 1.18 -0.33	30.77 1.17 -0.39	33.06 0.95 -0.43	38.13 1.26 -0.75	38.25 1.09 -0.82	33.02 1.52 -0.53	32.03 1.27 -0.49	30.16 1.03 -0.39	26.34 0.91 -0.21	25.17 1.19 -0.15
HICKLING__2 23622	29.13 0.73 -0.23	25.78 0.85 -0.05	24.38 0.73 0.00	23.08 0.76 0.00	22.54 0.83 0.00	22.04 0.60 0.00	21.34 0.38 0.00	20.80 0.23 0.00	21.62 0.69 0.00	22.87 0.88 0.00	24.46 1.05 -0.10	25.89 0.99 -0.18	26.41 1.03 -0.17	28.44 1.11 -0.27	29.55 1.18 -0.33	30.77 1.17 -0.39	33.06 0.95 -0.43	38.13 1.26 -0.75	38.25 1.09 -0.82	33.02 1.52 -0.53	32.03 1.27 -0.49	30.16 1.03 -0.39	26.34 0.91 -0.21	25.17 1.19 -0.15
HIGH FALLS__HY 23754	30.33 2.17 0.00	26.72 1.84 0.00	25.38 1.73 0.00	23.80 1.47 0.00	23.10 1.39 0.00	22.94 1.50 0.00	22.29 1.32 0.00	21.80 1.23 0.00	22.39 1.46 0.00	23.53 1.54 0.00	24.96 1.65 0.00	26.52 1.80 0.00	27.08 1.87 0.00	29.09 2.03 0.00	30.18 2.13 0.00	31.43 2.22 0.00	34.34 2.66 0.00	39.01 2.89 0.00	39.36 3.02 0.00	33.08 2.11 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.27 2.04 0.00	25.57 1.74 0.00
HILLBURN__GT 23639	30.25 2.08 0.00	26.62 1.74 0.00	25.28 1.63 0.00	23.71 1.38 0.00	23.01 1.30 0.00	22.85 1.41 0.00	22.37 1.40 0.00	21.78 1.21 0.00	22.41 1.49 0.00	23.61 1.63 0.00	25.10 1.79 0.00	26.67 1.95 0.00	27.25 2.04 0.00	29.25 2.19 0.00	30.32 2.27 0.00	31.61 2.40 0.00	34.24 2.56 0.00	39.01 2.89 0.00	39.18 2.84 0.00	32.96 1.98 0.00	32.39 2.12 0.00	30.83 2.10 0.00	27.22 1.99 0.00	25.52 1.69 0.00
HILLSIDE_115KV_TB1 80332	28.63 0.23 -0.24	25.33 0.40 -0.05	23.98 0.33 0.00	22.68 0.36 0.00	22.15 0.43 0.00	21.68 0.24 0.00	21.01 0.04 0.00	20.49 -0.08 0.00	21.28 0.36 0.00	22.51 0.53 0.00	24.07 0.65 -0.11	25.50 0.59 -0.19	26.01 0.63 -0.17	27.99 0.65 -0.28	29.09 0.70 -0.34	30.29 0.67 -0.41	32.57 0.44 -0.45	37.51 0.61 -0.77	37.63 0.44 -0.85	32.42 0.90 -0.55	31.47 0.70 -0.50	29.66 0.52 -0.40	25.90 0.45 -0.22	24.72 0.74 -0.15
HISHELDN_WT_PWR 323625	28.39 0.22 0.00	25.50 0.62 0.00	24.17 0.52 0.00	22.93 0.60 0.00	22.43 0.72 0.00	21.74 0.30 0.00	21.43 0.46 0.00	20.61 0.04 0.00	21.49 0.57 0.00	22.71 0.72 0.00	24.14 0.84 0.00	25.46 0.74 0.00	25.94 0.73 0.00	27.84 0.79 0.00	28.92 0.87 0.00	30.00 0.79 0.00	32.43 0.76 0.00	36.27 0.15 0.00	36.31 -0.04 0.00	31.97 0.99 0.00	30.97 0.70 0.00	29.57 0.83 0.00	25.76 0.53 0.00	24.98 1.14 0.00
HOLTSVILLE_IC_1 23690	34.45 3.35 -2.93	31.22 2.88 -3.45	27.48 2.70 -1.14	24.55 2.23 0.00	23.82 2.11 0.00	23.60 2.16 0.00	23.00 2.03 0.00	22.56 1.99 0.00	23.33 2.41 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.68 2.62 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.03 3.11 -6.87	40.33 3.36 -7.76	42.13 3.61 -6.84	43.23 4.12 -3.00	63.59 4.00 -23.25	42.98 3.04 -8.96	41.49 3.18 -8.04	34.92 2.99 -3.19	30.24 2.87 -2.14	27.60 2.62 -1.14
HOLTSVILLE_IC_10 23699	34.67 3.58 -2.93	31.39 3.06 -3.45	27.65 2.86 -1.14	24.71 2.39 0.00	23.97 2.26 0.00	23.73 2.30 0.00	23.13 2.16 0.00	22.69 2.12 0.00	23.46 2.53 0.00	24.34 2.35 0.00	28.47 2.63 -2.53	28.85 2.79 -1.34	32.84 2.95 -4.69	35.08 3.22 -4.80	38.25 3.34 -6.87	40.59 3.62 -7.76	42.41 3.89 -6.84	43.59 4.48 -3.00	65.13 4.40 -24.39	43.32 3.38 -8.96	41.77 3.45 -8.04	35.18 3.25 -3.19	30.44 3.08 -2.14	27.76 2.79 -1.14
HOLTSVILLE_IC_2 23691	34.45 3.35 -2.93	31.22 2.88 -3.45	27.48 2.70 -1.14	24.55 2.23 0.00	23.82 2.11 0.00	23.60 2.16 0.00	23.00 2.03 0.00	22.56 1.99 0.00	23.33 2.41 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.68 2.62 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.03 3.11 -6.87	40.33 3.36 -7.76	42.13 3.61 -6.84	43.23 4.12 -3.00	63.59 4.00 -23.25	42.98 3.04 -8.96	41.49 3.18 -8.04	34.92 2.99 -3.19	30.24 2.87 -2.14	27.60 2.62 -1.14
HOLTSVILLE_IC_3 23692	34.45 3.35 -2.93	31.22 2.88 -3.45	27.48 2.70 -1.14	24.55 2.23 0.00	23.82 2.11 0.00	23.60 2.16 0.00	23.00 2.03 0.00	22.56 1.99 0.00	23.33 2.41 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.68 2.62 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.03 3.11 -6.87	40.33 3.36 -7.76	42.13 3.61 -6.84	43.23 4.12 -3.00	63.59 4.00 -23.25	42.98 3.04 -8.96	41.49 3.18 -8.04	34.92 2.99 -3.19	30.24 2.87 -2.14	27.60 2.62 -1.14

HOLTSVILLE_IC_4 23693	34.45 3.35 -2.93	31.22 2.88 -3.45	27.48 2.70 -1.14	24.55 2.23 0.00	23.82 2.11 0.00	23.60 2.16 0.00	23.00 2.03 0.00	22.56 1.99 0.00	23.33 2.41 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.68 2.62 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.03 3.11 -6.87	40.33 3.36 -7.76	42.13 3.61 -6.84	43.23 4.12 -3.00	63.59 4.00 -23.25	42.98 3.04 -8.96	41.49 3.18 -8.04	34.92 2.99 -3.19	30.24 2.87 -2.14	27.60 2.62 -1.14
HOLTSVILLE_IC_5 23694	34.45 3.35 -2.93	31.22 2.88 -3.45	27.48 2.70 -1.14	24.55 2.23 0.00	23.82 2.11 0.00	23.60 2.16 0.00	23.00 2.03 0.00	22.56 1.99 0.00	23.33 2.41 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.68 2.62 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.03 3.11 -6.87	40.33 3.36 -7.76	42.13 3.61 -6.84	43.23 4.12 -3.00	63.59 4.00 -23.25	42.98 3.04 -8.96	41.49 3.18 -8.04	34.92 2.99 -3.19	30.24 2.87 -2.14	27.60 2.62 -1.14
HOLTSVILLE_IC_6 23695	34.67 3.58 -2.93	31.39 3.06 -3.45	27.65 2.86 -1.14	24.71 2.39 0.00	23.97 2.26 0.00	23.73 2.30 0.00	23.13 2.16 0.00	22.69 2.12 0.00	23.46 2.53 0.00	24.34 2.35 0.00	28.47 2.63 -2.53	28.85 2.79 -1.34	32.84 2.95 -4.69	35.08 3.22 -4.80	38.25 3.34 -6.87	40.59 3.62 -7.76	42.41 3.89 -6.84	43.59 4.48 -3.00	65.13 4.40 -24.39	43.32 3.38 -8.96	41.77 3.45 -8.04	35.18 3.25 -3.19	30.44 3.08 -2.14	27.76 2.79 -1.14
HOLTSVILLE_IC_7 23696	34.67 3.58 -2.93	31.39 3.06 -3.45	27.65 2.86 -1.14	24.71 2.39 0.00	23.97 2.26 0.00	23.73 2.30 0.00	23.13 2.16 0.00	22.69 2.12 0.00	23.46 2.53 0.00	24.34 2.35 0.00	28.47 2.63 -2.53	28.85 2.79 -1.34	32.84 2.95 -4.69	35.08 3.22 -4.80	38.25 3.34 -6.87	40.59 3.62 -7.76	42.41 3.89 -6.84	43.59 4.48 -3.00	65.13 4.40 -24.39	43.32 3.38 -8.96	41.77 3.45 -8.04	35.18 3.25 -3.19	30.44 3.08 -2.14	27.76 2.79 -1.14
HOLTSVILLE_IC_8 23697	34.67 3.58 -2.93	31.39 3.06 -3.45	27.65 2.86 -1.14	24.71 2.39 0.00	23.97 2.26 0.00	23.73 2.30 0.00	23.13 2.16 0.00	22.69 2.12 0.00	23.46 2.53 0.00	24.34 2.35 0.00	28.47 2.63 -2.53	28.85 2.79 -1.34	32.84 2.95 -4.69	35.08 3.22 -4.80	38.25 3.34 -6.87	40.59 3.62 -7.76	42.41 3.89 -6.84	43.59 4.48 -3.00	65.13 4.40 -24.39	43.32 3.38 -8.96	41.77 3.45 -8.04	35.18 3.25 -3.19	30.44 3.08 -2.14	27.76 2.79 -1.14
HOLTSVILLE_IC_9 23698	34.67 3.58 -2.93	31.39 3.06 -3.45	27.65 2.86 -1.14	24.71 2.39 0.00	23.97 2.26 0.00	23.73 2.30 0.00	23.13 2.16 0.00	22.69 2.12 0.00	23.46 2.53 0.00	24.34 2.35 0.00	28.47 2.63 -2.53	28.85 2.79 -1.34	32.84 2.95 -4.69	35.08 3.22 -4.80	38.25 3.34 -6.87	40.59 3.62 -7.76	42.41 3.89 -6.84	43.59 4.48 -3.00	65.13 4.40 -24.39	43.32 3.38 -8.96	41.77 3.45 -8.04	35.18 3.25 -3.19	30.44 3.08 -2.14	27.76 2.79 -1.14
HOMER_HL_115KV_TB2 355744	28.47 0.31 0.00	25.48 0.60 0.00	24.17 0.52 0.00	22.86 0.54 0.00	22.38 0.67 0.00	21.76 0.32 0.00	21.05 0.08 0.00	20.38 -0.19 0.00	21.43 0.50 0.00	22.80 0.81 0.00	24.31 1.00 0.00	25.63 0.91 0.00	26.17 0.96 0.00	28.03 0.97 0.00	29.11 1.07 0.00	30.17 0.96 0.00	32.21 0.54 0.00	36.77 0.65 0.00	36.71 0.36 0.00	32.22 1.24 0.00	31.15 0.88 0.00	29.34 0.60 0.00	25.78 0.56 0.00	25.00 1.17 0.00
HOWARD_WT_PWR 323690	29.23 0.90 -0.16	26.04 1.12 -0.04	24.60 0.95 0.00	23.33 1.01 0.00	22.80 1.09 0.00	22.21 0.77 0.00	21.83 0.86 0.00	21.08 0.51 0.00	21.89 0.96 0.00	23.06 1.08 0.00	24.57 1.19 -0.07	25.99 1.14 -0.13	26.49 1.16 -0.12	28.50 1.25 -0.19	29.60 1.32 -0.24	30.81 1.32 -0.28	33.32 1.33 -0.31	37.84 1.19 -0.53	38.02 1.09 -0.58	33.15 1.80 -0.38	32.13 1.51 -0.35	30.57 1.55 -0.28	26.51 1.14 -0.15	25.48 1.55 -0.10
HQ_GEN_CEDARS 23644	27.66 -0.51 0.00	24.38 -0.50 0.00	23.18 -0.47 0.00	21.85 -0.47 0.00	21.25 -0.46 0.00	20.99 -0.45 0.00	20.72 -0.25 0.00	20.47 -0.10 0.00	20.59 -0.33 0.00	21.55 -0.44 0.00	22.82 -0.49 0.00	24.18 -0.54 0.00	24.68 -0.53 0.00	26.46 -0.60 0.00	27.43 -0.62 0.00	28.57 -0.64 0.00	30.92 -0.76 0.00	35.43 -0.69 0.00	35.73 -0.62 0.00	30.45 -0.53 0.00	29.70 -0.58 0.00	28.13 -0.60 0.00	24.67 -0.56 0.00	23.28 -0.55 0.00
HQ_GEN_CEDARS_PROXY 323590	27.68 -0.48 0.00	24.38 -0.50 0.00	23.18 -0.47 0.00	21.85 -0.47 0.00	21.25 -0.46 0.00	20.99 -0.45 0.00	20.53 -0.44 0.00	20.43 -0.14 0.00	20.57 -0.36 0.00	21.55 -0.44 0.00	22.81 -0.49 0.00	24.18 -0.54 0.00	24.68 -0.53 0.00	26.46 -0.60 0.00	27.43 -0.62 0.00	28.57 -0.64 0.00	30.91 -0.76 0.00	35.43 -0.69 0.00	35.21 -0.62 0.52	30.97 -0.53 -0.52	29.70 -0.58 0.00	28.10 -0.63 0.00	24.67 -0.56 0.00	23.29 -0.55 0.00
HQ_GEN_IMPORT 323601	27.71 -0.45 0.00	24.46 -0.42 0.00	23.25 -0.40 0.00	21.94 -0.38 0.00	21.34 -0.37 0.00	21.08 -0.36 0.00	20.61 -0.36 0.00	20.45 -0.12 0.00	20.61 -0.31 0.00	21.63 -0.35 0.00	22.91 -0.40 0.00	24.30 -0.42 0.00	24.78 -0.43 0.00	26.60 -0.46 0.00	27.57 -0.48 0.00	28.71 -0.50 0.00	31.11 -0.57 0.00	35.54 -0.58 0.00	35.24 -0.58 0.52	31.00 -0.50 -0.52	29.76 -0.51 0.00	28.22 -0.52 0.00	24.77 -0.45 0.00	23.40 -0.43 0.00
HQ_GEN_WHEEL 23651	27.71 -0.45 0.00	24.46 -0.42 0.00	23.25 -0.40 0.00	21.94 -0.38 0.00	21.34 -0.37 0.00	21.08 -0.36 0.00	20.61 -0.36 0.00	20.45 -0.12 0.00	20.61 -0.31 0.00	21.63 -0.35 0.00	22.91 -0.40 0.00	24.30 -0.42 0.00	24.78 -0.43 0.00	26.60 -0.46 0.00	27.57 -0.48 0.00	28.71 -0.50 0.00	31.11 -0.57 0.00	35.54 -0.58 0.00	35.24 -0.58 0.52	31.00 -0.50 -0.52	29.76 -0.51 0.00	28.22 -0.52 0.00	24.77 -0.45 0.00	23.40 -0.43 0.00
HUDSON_AVE_GT_3 23810	30.61 2.45 0.00	26.95 2.07 0.00	25.57 1.92 0.00	23.95 1.63 0.00	23.21 1.50 0.00	23.11 1.67 0.00	22.48 1.51 0.00	22.07 1.50 0.00	22.68 1.76 0.00	23.90 1.91 0.00	25.38 2.07 0.00	26.99 2.27 0.00	27.60 2.39 0.00	29.60 2.54 0.00	30.63 2.58 0.00	31.93 2.72 0.00	34.75 3.07 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.60 2.33 0.00	31.29 2.56 0.00	27.60 2.37 0.00	25.86 2.03 0.00
HUDSON_AVE_GT_4 23540	30.61 2.45 0.00	26.95 2.07 0.00	25.57 1.92 0.00	23.95 1.63 0.00	23.21 1.50 0.00	23.11 1.67 0.00	22.48 1.51 0.00	22.07 1.50 0.00	22.68 1.76 0.00	23.90 1.91 0.00	25.38 2.07 0.00	26.99 2.27 0.00	27.60 2.39 0.00	29.60 2.54 0.00	30.63 2.58 0.00	31.93 2.72 0.00	34.75 3.07 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.60 2.33 0.00	31.29 2.56 0.00	27.60 2.37 0.00	25.86 2.03 0.00
HUDSON_AVE_GT_5 23657	30.61 2.45 0.00	26.95 2.07 0.00	25.57 1.92 0.00	23.95 1.63 0.00	23.21 1.50 0.00	23.11 1.67 0.00	22.48 1.51 0.00	22.07 1.50 0.00	22.68 1.76 0.00	23.90 1.91 0.00	25.38 2.07 0.00	26.99 2.27 0.00	27.60 2.39 0.00	29.60 2.54 0.00	30.63 2.58 0.00	31.93 2.72 0.00	34.75 3.07 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.60 2.33 0.00	31.29 2.56 0.00	27.60 2.37 0.00	25.86 2.03 0.00

HUDSON_AVE_10 24168	30.56 2.39 0.00	26.87 1.99 0.00	25.49 1.84 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.05 1.61 0.00	22.43 1.47 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.86 1.87 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	32.99 2.01 0.00	32.51 2.24 0.00	31.21 2.47 0.00	27.55 2.32 0.00	25.81 1.98 0.00
HUDSON___115KV_TB 4 355613	29.74 1.58 0.00	26.18 1.29 0.00	24.86 1.21 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.51 1.07 0.00	21.87 0.90 0.00	21.33 0.76 0.00	21.72 0.80 0.00	22.82 0.84 0.00	24.17 0.86 0.00	25.66 0.94 0.00	26.17 0.96 0.00	28.17 1.11 0.00	29.22 1.18 0.00	30.47 1.26 0.00	33.32 1.65 0.00	37.89 1.77 0.00	38.27 1.93 0.00	32.59 1.61 0.00	31.88 1.60 0.00	30.20 1.47 0.00	26.41 1.19 0.00	24.86 1.02 0.00
HUNTER MOUNT___DRP 323613	29.83 1.66 0.00	26.25 1.37 0.00	24.95 1.30 0.00	23.48 1.16 0.00	22.84 1.13 0.00	22.58 1.14 0.00	21.91 0.94 0.00	21.33 0.76 0.00	21.70 0.77 0.00	22.78 0.79 0.00	24.14 0.84 0.00	25.63 0.91 0.00	26.12 0.91 0.00	28.14 1.08 0.00	29.19 1.15 0.00	30.41 1.20 0.00	33.32 1.65 0.00	37.93 1.81 0.00	38.38 2.04 0.00	32.68 1.70 0.00	31.97 1.70 0.00	30.26 1.52 0.00	26.46 1.24 0.00	24.88 1.05 0.00
HUNTINGTON_RES_REC 323705	34.39 3.29 -2.93	31.14 2.81 -3.45	27.41 2.62 -1.14	24.49 2.16 0.00	23.75 2.04 0.00	23.54 2.10 0.00	22.96 1.99 0.00	22.46 1.89 0.00	23.25 2.32 0.00	24.25 2.27 0.00	28.40 2.56 -2.53	28.82 2.77 -1.34	32.82 2.92 -4.69	35.05 3.19 -4.80	38.22 3.31 -6.87	40.53 3.56 -7.76	42.32 3.80 -6.84	43.34 4.22 -3.00	76.16 4.18 -35.64	43.07 3.13 -8.96	41.65 3.33 -8.04	35.06 3.13 -3.19	30.34 2.98 -2.14	27.62 2.65 -1.14
HUNTLEY___63 23557	28.42 0.25 0.00	25.58 0.70 0.00	24.17 0.52 0.00	22.86 0.54 0.00	22.49 0.78 0.00	21.68 0.24 0.00	20.88 -0.08 0.00	20.16 -0.41 0.00	21.16 0.23 0.00	22.60 0.62 0.00	24.10 0.79 0.00	25.39 0.67 0.00	25.87 0.66 0.00	27.76 0.70 0.00	28.83 0.79 0.00	29.91 0.70 0.00	31.68 0.00 0.00	36.16 0.04 0.00	36.13 -0.22 0.00	31.84 0.87 0.00	30.82 0.54 0.00	29.05 0.32 0.00	25.66 0.43 0.00	24.98 1.14 0.00
HUNTLEY___64 23558	28.42 0.25 0.00	25.58 0.70 0.00	24.17 0.52 0.00	22.86 0.54 0.00	22.49 0.78 0.00	21.68 0.24 0.00	20.88 -0.08 0.00	20.16 -0.41 0.00	21.16 0.23 0.00	22.60 0.62 0.00	24.10 0.79 0.00	25.39 0.67 0.00	25.87 0.66 0.00	27.76 0.70 0.00	28.83 0.79 0.00	29.91 0.70 0.00	31.68 0.00 0.00	36.16 0.04 0.00	36.13 -0.22 0.00	31.84 0.87 0.00	30.82 0.54 0.00	29.05 0.32 0.00	25.66 0.43 0.00	24.98 1.14 0.00
HUNTLEY___65 23559	28.42 0.25 0.00	25.58 0.70 0.00	24.17 0.52 0.00	22.86 0.54 0.00	22.49 0.78 0.00	21.68 0.24 0.00	20.88 -0.08 0.00	20.16 -0.41 0.00	21.16 0.23 0.00	22.60 0.62 0.00	24.10 0.79 0.00	25.39 0.67 0.00	25.87 0.66 0.00	27.76 0.70 0.00	28.83 0.79 0.00	29.91 0.70 0.00	31.68 0.00 0.00	36.16 0.04 0.00	36.13 -0.22 0.00	31.84 0.87 0.00	30.82 0.54 0.00	29.05 0.32 0.00	25.66 0.43 0.00	24.98 1.14 0.00
HUNTLEY___66 23560	28.42 0.25 0.00	25.58 0.70 0.00	24.17 0.52 0.00	22.86 0.54 0.00	22.49 0.78 0.00	21.68 0.24 0.00	20.88 -0.08 0.00	20.16 -0.41 0.00	21.16 0.23 0.00	22.60 0.62 0.00	24.10 0.79 0.00	25.39 0.67 0.00	25.87 0.66 0.00	27.76 0.70 0.00	28.83 0.79 0.00	29.91 0.70 0.00	31.68 0.00 0.00	36.16 0.04 0.00	36.13 -0.22 0.00	31.84 0.87 0.00	30.82 0.54 0.00	29.05 0.32 0.00	25.66 0.43 0.00	24.98 1.14 0.00
HUNTLEY___67 23561	28.22 0.06 0.00	25.33 0.45 0.00	23.98 0.33 0.00	22.68 0.36 0.00	22.28 0.56 0.00	21.55 0.11 0.00	20.78 -0.19 0.00	20.08 -0.49 0.00	21.05 0.13 0.00	22.47 0.48 0.00	23.96 0.65 0.00	25.24 0.52 0.00	25.71 0.50 0.00	27.60 0.54 0.00	28.66 0.62 0.00	29.74 0.53 0.00	31.52 -0.16 0.00	35.98 -0.14 0.00	35.94 -0.40 0.00	31.66 0.68 0.00	30.64 0.36 0.00	28.91 0.17 0.00	25.51 0.28 0.00	24.81 0.98 0.00
HUNTLEY___68 23562	28.22 0.06 0.00	25.33 0.45 0.00	23.98 0.33 0.00	22.68 0.36 0.00	22.28 0.56 0.00	21.55 0.11 0.00	20.78 -0.19 0.00	20.08 -0.49 0.00	21.05 0.13 0.00	22.47 0.48 0.00	23.96 0.65 0.00	25.24 0.52 0.00	25.71 0.50 0.00	27.60 0.54 0.00	28.66 0.62 0.00	29.74 0.53 0.00	31.52 -0.16 0.00	35.98 -0.14 0.00	35.94 -0.40 0.00	31.66 0.68 0.00	30.64 0.36 0.00	28.91 0.17 0.00	25.51 0.28 0.00	24.81 0.98 0.00
HYLAND___LFGE 323620	29.52 1.35 0.00	26.40 1.52 0.00	24.95 1.30 0.00	23.64 1.32 0.00	23.14 1.43 0.00	22.51 1.07 0.00	21.93 0.96 0.00	20.84 0.27 0.00	21.05 0.13 0.00	21.92 -0.07 0.00	23.09 -0.21 0.00	24.35 -0.37 0.00	24.83 -0.38 0.00	26.76 -0.30 0.00	27.91 -0.14 0.00	29.06 -0.15 0.00	31.77 0.10 0.00	36.41 0.29 0.00	37.25 0.91 0.00	33.33 2.35 0.00	32.48 2.21 0.00	30.89 2.16 0.00	26.84 1.62 0.00	25.76 1.93 0.00
INDECK___CORINTH 23802	29.60 1.44 0.00	26.03 1.15 0.00	24.72 1.07 0.00	23.30 0.98 0.00	22.66 0.95 0.00	22.41 0.97 0.00	21.91 0.94 0.00	21.29 0.72 0.00	21.77 0.84 0.00	22.91 0.92 0.00	24.10 0.79 0.00	25.49 0.77 0.00	25.89 0.68 0.00	27.81 0.76 0.00	28.83 0.78 0.00	30.03 0.82 0.00	32.69 1.01 0.00	37.31 1.19 0.00	37.98 1.64 0.00	32.43 1.46 0.00	31.82 1.54 0.00	30.20 1.46 0.00	26.41 1.19 0.00	24.83 1.00 0.00
INDECK___ILION 23567	28.28 0.11 0.00	24.96 0.07 0.00	23.72 0.07 0.00	22.39 0.07 0.00	21.78 0.07 0.00	21.48 0.04 0.00	20.99 0.02 0.00	20.55 -0.02 0.00	20.97 0.04 0.00	22.01 0.02 0.00	23.33 0.02 0.00	24.74 0.02 0.00	25.21 0.00 0.00	27.03 -0.03 0.00	28.02 -0.03 0.00	29.15 -0.06 0.00	31.64 -0.03 0.00	36.12 0.00 0.00	36.38 0.04 0.00	31.01 0.03 0.00	30.33 0.06 0.00	28.79 0.06 0.00	25.25 0.03 0.00	23.86 0.02 0.00
INDECK___OLEAN 23982	28.39 0.22 0.00	25.45 0.57 0.00	24.17 0.52 0.00	22.93 0.60 0.00	22.41 0.69 0.00	21.76 0.32 0.00	21.49 0.52 0.00	20.65 0.08 0.00	21.64 0.71 0.00	22.87 0.88 0.00	24.31 1.00 0.00	25.63 0.92 0.00	26.17 0.96 0.00	28.03 0.97 0.00	29.11 1.07 0.00	30.17 0.96 0.00	32.66 0.98 0.00	36.59 0.47 0.00	36.60 0.26 0.00	32.15 1.18 0.00	31.12 0.85 0.00	29.74 1.01 0.00	25.78 0.55 0.00	25.05 1.21 0.00
INDECK___OSWEGO 23783	29.40 -0.59 -1.83	24.81 -0.47 -0.40	23.20 -0.45 0.00	21.92 -0.40 0.00	21.34 -0.37 0.00	21.01 -0.43 0.00	20.57 -0.40 0.00	20.10 -0.47 0.00	20.55 -0.38 0.00	21.59 -0.40 0.00	23.72 -0.42 -0.83	25.71 -0.47 -1.46	26.06 -0.48 -1.33	28.69 -0.51 -2.15	30.12 -0.53 -2.61	31.77 -0.56 -3.11	34.53 -0.60 -3.46	41.37 -0.69 -5.94	42.10 -0.73 -6.48	34.72 -0.46 -4.21	33.66 -0.49 -3.87	31.38 -0.46 -3.10	26.43 -0.45 -1.65	24.63 -0.36 -1.16



INDECK___YERKES 23781	28.39 0.22 0.00	25.58 0.70 0.00	24.19 0.54 0.00	22.99 0.67 0.00	22.47 0.76 0.00	21.72 0.28 0.00	21.39 0.42 0.00	20.55 -0.02 0.00	21.45 0.52 0.00	22.69 0.70 0.00	24.12 0.82 0.00	25.41 0.69 0.00	25.89 0.68 0.00	27.79 0.73 0.00	28.89 0.84 0.00	29.94 0.73 0.00	32.40 0.73 0.00	35.98 -0.14 0.00	36.02 -0.33 0.00	31.84 0.87 0.00	30.82 0.55 0.00	29.46 0.72 0.00	25.66 0.43 0.00	25.07 1.24 0.00
INDIAN POINT_GT_1 24139	30.28 2.11 0.00	26.65 1.77 0.00	25.31 1.66 0.00	23.73 1.41 0.00	23.04 1.32 0.00	22.90 1.46 0.00	22.27 1.30 0.00	21.87 1.30 0.00	22.45 1.53 0.00	23.64 1.65 0.00	25.08 1.77 0.00	26.65 1.93 0.00	27.23 2.02 0.00	29.22 2.16 0.00	30.29 2.24 0.00	31.58 2.37 0.00	34.40 2.72 0.00	38.94 2.82 0.00	39.14 2.80 0.00	32.93 1.95 0.00	32.36 2.09 0.00	30.95 2.21 0.00	27.22 1.99 0.00	25.55 1.72 0.00
INDIAN POINT_GT_2 23659	30.28 2.11 0.00	26.65 1.77 0.00	25.31 1.66 0.00	23.73 1.41 0.00	23.04 1.32 0.00	22.90 1.46 0.00	22.27 1.30 0.00	21.87 1.30 0.00	22.45 1.53 0.00	23.64 1.65 0.00	25.08 1.77 0.00	26.65 1.93 0.00	27.23 2.02 0.00	29.22 2.16 0.00	30.29 2.24 0.00	31.58 2.37 0.00	34.40 2.72 0.00	38.94 2.82 0.00	39.14 2.80 0.00	32.93 1.95 0.00	32.36 2.09 0.00	30.95 2.21 0.00	27.22 1.99 0.00	25.55 1.72 0.00
INDIAN POINT_GT_3 24019	30.28 2.11 0.00	26.65 1.77 0.00	25.31 1.66 0.00	23.73 1.41 0.00	23.04 1.32 0.00	22.90 1.46 0.00	22.27 1.30 0.00	21.87 1.30 0.00	22.45 1.53 0.00	23.64 1.65 0.00	25.08 1.77 0.00	26.65 1.93 0.00	27.23 2.02 0.00	29.22 2.16 0.00	30.29 2.24 0.00	31.58 2.37 0.00	34.40 2.72 0.00	38.94 2.82 0.00	39.14 2.80 0.00	32.93 1.95 0.00	32.36 2.09 0.00	30.95 2.21 0.00	27.22 1.99 0.00	25.55 1.72 0.00
INDIAN POINT___2 23530	30.25 2.08 0.00	26.62 1.74 0.00	25.28 1.63 0.00	23.71 1.38 0.00	23.01 1.30 0.00	22.85 1.41 0.00	22.37 1.40 0.00	21.78 1.21 0.00	22.39 1.46 0.00	23.59 1.60 0.00	25.05 1.75 0.00	26.65 1.93 0.00	27.23 2.02 0.00	29.20 2.14 0.00	30.26 2.22 0.00	31.55 2.34 0.00	34.15 2.47 0.00	38.90 2.78 0.00	39.07 2.73 0.00	32.87 1.89 0.00	32.33 2.06 0.00	30.78 2.04 0.00	27.20 1.97 0.00	25.50 1.67 0.00
INDIAN POINT___3 23531	30.25 2.08 0.00	26.62 1.74 0.00	25.28 1.63 0.00	23.73 1.41 0.00	23.01 1.30 0.00	22.88 1.44 0.00	22.25 1.28 0.00	21.82 1.25 0.00	22.41 1.49 0.00	23.59 1.61 0.00	25.03 1.72 0.00	26.62 1.90 0.00	27.20 1.99 0.00	29.20 2.14 0.00	30.23 2.19 0.00	31.52 2.31 0.00	34.34 2.66 0.00	38.87 2.75 0.00	39.07 2.73 0.00	32.90 1.92 0.00	32.33 2.06 0.00	30.89 2.16 0.00	27.17 1.94 0.00	25.50 1.67 0.00
INGHAM_C_115KV_TB7 356103	28.08 -0.08 0.00	24.81 -0.07 0.00	23.58 -0.07 0.00	22.23 -0.09 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.84 -0.13 0.00	20.41 -0.16 0.00	20.80 -0.13 0.00	21.83 -0.15 0.00	23.14 -0.16 0.00	24.50 -0.22 0.00	24.93 -0.28 0.00	26.68 -0.38 0.00	27.65 -0.39 0.00	28.74 -0.47 0.00	31.23 -0.44 0.00	35.69 -0.43 0.00	35.94 -0.40 0.00	30.64 -0.34 0.00	30.00 -0.27 0.00	28.48 -0.26 0.00	25.00 -0.23 0.00	23.64 -0.19 0.00
IP CORINTH___1 23988	29.77 1.61 0.00	26.18 1.29 0.00	24.86 1.21 0.00	23.44 1.12 0.00	22.77 1.06 0.00	22.53 1.09 0.00	21.93 0.96 0.00	21.41 0.84 0.00	21.89 0.96 0.00	23.04 1.06 0.00	24.24 0.93 0.00	25.63 0.91 0.00	26.04 0.83 0.00	27.95 0.89 0.00	29.00 0.95 0.00	30.20 0.99 0.00	32.97 1.30 0.00	37.49 1.37 0.00	38.20 1.85 0.00	32.65 1.67 0.00	32.03 1.76 0.00	30.46 1.72 0.00	26.54 1.31 0.00	24.98 1.14 0.00
IP___TICONDEROGA 23804	31.26 3.10 0.00	27.44 2.56 0.00	25.99 2.34 0.00	24.51 2.19 0.00	23.86 2.15 0.00	23.58 2.14 0.00	22.94 1.97 0.00	22.48 1.91 0.00	23.00 2.07 0.00	24.21 2.22 0.00	25.56 2.26 0.00	26.97 2.25 0.00	27.48 2.27 0.00	29.57 2.52 0.00	30.68 2.64 0.00	31.93 2.72 0.00	34.94 3.26 0.00	39.70 3.58 0.00	40.41 4.07 0.00	34.72 3.75 0.00	33.97 3.69 0.00	32.10 3.36 0.00	27.88 2.65 0.00	26.22 2.38 0.00
ISLIP_RES_REC 323679	34.84 3.75 -2.93	31.54 3.21 -3.45	27.79 3.00 -1.14	24.82 2.50 0.00	24.08 2.37 0.00	23.84 2.40 0.00	23.23 2.27 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.45 2.46 0.00	28.61 2.77 -2.53	29.00 2.94 -1.34	33.02 3.13 -4.69	35.27 3.41 -4.80	38.45 3.53 -6.87	40.82 3.86 -7.76	42.67 4.15 -6.84	43.88 4.77 -3.00	65.11 4.69 -24.08	43.56 3.62 -8.96	42.01 3.69 -8.04	35.38 3.45 -3.19	30.59 3.23 -2.14	27.90 2.93 -1.14
JAMAICA__27_KV_LOAD 355505	30.75 2.59 0.00	27.02 2.14 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.20 1.76 0.00	22.60 1.64 0.00	22.24 1.67 0.00	22.87 1.95 0.00	24.08 2.09 0.00	25.45 2.14 0.00	27.09 2.37 0.00	27.71 2.50 0.00	29.71 2.65 0.00	30.74 2.69 0.00	32.07 2.86 0.00	34.94 3.26 0.00	39.52 3.40 0.00	39.72 3.38 0.00	33.21 2.23 0.00	32.76 2.48 0.00	31.44 2.70 0.00	27.80 2.57 0.00	26.00 2.17 0.00
JANIS___SOLAR 323808	29.81 1.30 -0.35	26.20 1.24 -0.08	24.76 1.11 0.00	23.44 1.12 0.00	22.80 1.09 0.00	22.43 0.99 0.00	21.95 0.99 0.00	21.35 0.78 0.00	21.85 0.92 0.00	22.78 0.79 0.00	24.23 0.77 -0.16	25.74 0.74 -0.28	26.17 0.70 -0.26	28.20 0.73 -0.41	29.33 0.78 -0.50	30.66 0.85 -0.60	33.45 1.11 -0.66	38.78 1.52 -1.14	39.30 1.71 -1.24	33.71 1.92 -0.81	32.83 1.82 -0.74	31.03 1.70 -0.60	26.88 1.34 -0.32	25.44 1.38 -0.22
JARVIS____ 23743	28.28 0.11 0.00	24.98 0.10 0.00	23.74 0.09 0.00	22.41 0.09 0.00	21.80 0.09 0.00	21.53 0.09 0.00	21.05 0.08 0.00	20.59 0.02 0.00	20.99 0.06 0.00	22.05 0.07 0.00	23.37 0.07 0.00	24.79 0.07 0.00	25.29 0.08 0.00	27.14 0.08 0.00	28.16 0.11 0.00	29.33 0.12 0.00	31.80 0.13 0.00	36.27 0.15 0.00	36.49 0.15 0.00	31.10 0.12 0.00	30.39 0.12 0.00	28.85 0.12 0.00	25.33 0.10 0.00	23.93 0.10 0.00
JENNISON___1 23625	30.02 1.63 -0.22	26.40 1.47 -0.05	25.00 1.35 0.00	23.62 1.29 0.00	22.97 1.26 0.00	22.64 1.20 0.00	22.04 1.07 0.00	21.54 0.97 0.00	22.14 1.21 0.00	23.17 1.19 0.00	24.69 1.28 -0.10	26.21 1.31 -0.18	26.68 1.31 -0.16	28.73 1.41 -0.26	29.88 1.51 -0.32	31.17 1.58 -0.38	33.81 1.71 -0.42	39.02 2.17 -0.73	39.36 2.22 -0.80	33.60 2.11 -0.52	32.78 2.03 -0.48	30.99 1.87 -0.38	26.99 1.56 -0.20	25.52 1.55 -0.14
JENNISON___2 23626	30.02 1.63 -0.22	26.40 1.47 -0.05	25.00 1.35 0.00	23.62 1.29 0.00	22.97 1.26 0.00	22.64 1.20 0.00	22.04 1.07 0.00	21.54 0.97 0.00	22.14 1.21 0.00	23.17 1.19 0.00	24.69 1.28 -0.10	26.21 1.31 -0.18	26.68 1.31 -0.16	28.73 1.41 -0.26	29.88 1.51 -0.32	31.17 1.58 -0.38	33.81 1.71 -0.42	39.02 2.17 -0.73	39.36 2.22 -0.80	33.60 2.11 -0.52	32.78 2.03 -0.48	30.99 1.87 -0.38	26.99 1.56 -0.20	25.52 1.55 -0.14

JERICO_RISE_WT_PWR 323719	27.68 -0.48 0.00	24.43 -0.45 0.00	23.25 -0.40 0.00	21.94 -0.38 0.00	21.34 -0.37 0.00	21.10 -0.34 0.00	20.63 -0.34 0.00	20.53 -0.04 0.00	20.68 -0.25 0.00	21.68 -0.31 0.00	22.96 -0.35 0.00	24.30 -0.42 0.00	24.81 -0.40 0.00	26.62 -0.43 0.00	27.57 -0.48 0.00	28.69 -0.52 0.00	31.01 -0.67 0.00	35.51 -0.61 0.00	35.76 -0.58 0.00	30.48 -0.50 0.00	29.67 -0.61 0.00	28.05 -0.69 0.00	24.60 -0.63 0.00	23.21 -0.62 0.00
KATONAH__115KV_46KV_TB4 355592	30.42 2.25 0.00	26.77 1.89 0.00	25.40 1.75 0.00	23.84 1.52 0.00	23.19 1.48 0.00	23.03 1.59 0.00	22.39 1.43 0.00	22.01 1.44 0.00	22.52 1.59 0.00	23.75 1.76 0.00	25.17 1.86 0.00	26.75 2.03 0.00	27.33 2.12 0.00	29.33 2.27 0.00	30.48 2.44 0.00	31.78 2.57 0.00	34.62 2.95 0.00	39.26 3.14 0.00	39.51 3.16 0.00	33.11 2.14 0.00	32.54 2.27 0.00	31.06 2.33 0.00	27.30 2.07 0.00	25.62 1.79 0.00
KCE_NY_1 323755	29.99 1.83 0.00	26.40 1.52 0.00	25.07 1.42 0.00	23.62 1.29 0.00	22.97 1.26 0.00	22.73 1.29 0.00	22.20 1.24 0.00	21.54 0.97 0.00	22.01 1.09 0.00	23.15 1.16 0.00	24.49 1.19 0.00	25.98 1.26 0.00	26.50 1.29 0.00	28.46 1.41 0.00	29.50 1.46 0.00	30.76 1.55 0.00	33.45 1.77 0.00	38.14 2.02 0.00	38.52 2.18 0.00	32.87 1.89 0.00	32.18 1.91 0.00	30.49 1.75 0.00	26.72 1.49 0.00	25.17 1.33 0.00
KCE_NY_6_ESR 323823	28.47 0.31 0.00	25.60 0.72 0.00	24.29 0.64 0.00	23.04 0.71 0.00	22.56 0.85 0.00	21.83 0.39 0.00	21.51 0.54 0.00	20.67 0.10 0.00	21.60 0.67 0.00	22.84 0.86 0.00	24.28 0.98 0.00	25.61 0.89 0.00	26.09 0.88 0.00	27.98 0.92 0.00	29.08 1.04 0.00	30.17 0.96 0.00	32.62 0.95 0.00	36.34 0.22 0.00	36.38 0.04 0.00	32.09 1.11 0.00	31.06 0.79 0.00	29.68 0.95 0.00	25.86 0.63 0.00	25.14 1.31 0.00
KEDC_PORT_JEFF_GT2 24210	34.62 3.52 -2.93	31.34 3.01 -3.45	27.60 2.81 -1.14	24.67 2.34 0.00	23.93 2.22 0.00	23.69 2.25 0.00	23.11 2.14 0.00	22.65 2.08 0.00	23.44 2.51 0.00	24.31 2.33 0.00	28.45 2.61 -2.53	28.82 2.77 -1.34	32.82 2.92 -4.69	35.05 3.19 -4.80	38.22 3.31 -6.87	40.56 3.59 -7.76	42.38 3.86 -6.84	43.52 4.41 -3.00	65.81 4.32 -25.15	43.26 3.32 -8.96	41.71 3.39 -8.04	35.12 3.19 -3.19	30.39 3.03 -2.14	27.71 2.74 -1.14
KEDC_PORT_JEFF_GT3 24211	34.62 3.52 -2.93	31.34 3.01 -3.45	27.60 2.81 -1.14	24.67 2.34 0.00	23.93 2.22 0.00	23.69 2.25 0.00	23.11 2.14 0.00	22.65 2.08 0.00	23.44 2.51 0.00	24.31 2.33 0.00	28.45 2.61 -2.53	28.82 2.77 -1.34	32.82 2.92 -4.69	35.05 3.19 -4.80	38.22 3.31 -6.87	40.56 3.59 -7.76	42.38 3.86 -6.84	43.52 4.41 -3.00	65.81 4.32 -25.15	43.26 3.32 -8.96	41.71 3.39 -8.04	35.12 3.19 -3.19	30.39 3.03 -2.14	27.71 2.74 -1.14
KEDC_GLWD_GT4 24219	33.86 2.76 -2.93	30.67 2.34 -3.45	26.96 2.17 -1.14	24.15 1.83 0.00	23.43 1.71 0.00	23.26 1.82 0.00	22.73 1.76 0.00	22.18 1.61 0.00	22.85 1.92 0.00	24.03 2.05 0.00	28.12 2.29 -2.53	28.55 2.50 -1.34	32.49 2.60 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	39.80 2.83 -7.76	41.53 3.01 -6.84	42.48 3.36 -3.00	45.17 3.34 -5.49	42.32 2.39 -8.96	40.86 2.54 -8.04	34.60 2.67 -3.19	29.94 2.57 -2.14	27.21 2.24 -1.14
KEDC_GLWD_GT5 24220	33.86 2.76 -2.93	30.67 2.34 -3.45	26.96 2.17 -1.14	24.15 1.83 0.00	23.43 1.71 0.00	23.26 1.82 0.00	22.73 1.76 0.00	22.18 1.61 0.00	22.85 1.92 0.00	24.03 2.05 0.00	28.12 2.29 -2.53	28.55 2.50 -1.34	32.49 2.60 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	39.80 2.83 -7.76	41.53 3.01 -6.84	42.48 3.36 -3.00	45.17 3.34 -5.49	42.32 2.39 -8.96	40.86 2.54 -8.04	34.60 2.67 -3.19	29.94 2.57 -2.14	27.21 2.24 -1.14
KENSICO____ 23655	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.10 1.39 0.00	22.96 1.52 0.00	22.33 1.36 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.70 1.71 0.00	25.15 1.84 0.00	26.75 2.03 0.00	27.33 2.12 0.00	29.33 2.27 0.00	30.37 2.33 0.00	31.66 2.45 0.00	34.46 2.79 0.00	39.05 2.93 0.00	39.25 2.91 0.00	32.99 2.01 0.00	32.45 2.18 0.00	31.04 2.30 0.00	27.32 2.09 0.00	25.64 1.81 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.12 1.41 0.00	22.96 1.52 0.00	22.31 1.34 0.00	21.82 1.25 0.00	22.39 1.46 0.00	23.53 1.54 0.00	24.96 1.65 0.00	26.52 1.80 0.00	27.08 1.87 0.00	29.09 2.03 0.00	30.18 2.13 0.00	31.43 2.22 0.00	34.37 2.69 0.00	39.01 2.89 0.00	39.40 3.05 0.00	33.11 2.14 0.00	32.51 2.24 0.00	31.04 2.30 0.00	27.30 2.07 0.00	25.57 1.74 0.00
KIAC_JFK_GT1 23816	30.64 2.48 0.00	26.95 2.07 0.00	25.54 1.89 0.00	23.91 1.58 0.00	23.17 1.45 0.00	23.11 1.67 0.00	22.52 1.55 0.00	22.17 1.60 0.00	22.79 1.86 0.00	23.99 2.00 0.00	25.38 2.07 0.00	26.99 2.27 0.00	27.60 2.39 0.00	29.60 2.54 0.00	30.65 2.61 0.00	31.96 2.75 0.00	34.81 3.14 0.00	39.37 3.25 0.00	39.54 3.20 0.00	33.08 2.11 0.00	32.63 2.36 0.00	31.29 2.56 0.00	27.70 2.47 0.00	25.91 2.07 0.00
KIAC_JFK_GT2 23817	30.64 2.48 0.00	26.95 2.07 0.00	25.54 1.89 0.00	23.91 1.58 0.00	23.17 1.45 0.00	23.11 1.67 0.00	22.52 1.55 0.00	22.17 1.60 0.00	22.79 1.86 0.00	23.99 2.00 0.00	25.38 2.07 0.00	26.99 2.27 0.00	27.60 2.39 0.00	29.60 2.54 0.00	30.65 2.61 0.00	31.96 2.75 0.00	34.81 3.14 0.00	39.37 3.25 0.00	39.54 3.20 0.00	33.08 2.11 0.00	32.63 2.36 0.00	31.29 2.56 0.00	27.70 2.47 0.00	25.91 2.07 0.00
KIAC_JFK____ 323774	30.64 2.48 0.00	26.95 2.06 0.00	25.54 1.89 0.00	23.88 1.56 0.00	23.17 1.45 0.00	23.11 1.67 0.00	22.64 1.68 0.00	22.11 1.54 0.00	22.75 1.82 0.00	23.97 1.98 0.00	25.38 2.07 0.00	26.99 2.27 0.00	27.61 2.40 0.00	29.60 2.54 0.00	30.65 2.61 0.00	31.95 2.74 0.00	34.53 2.85 0.00	39.37 3.25 0.00	39.54 3.20 0.00	33.05 2.08 0.00	32.60 2.33 0.00	31.04 2.30 0.00	27.70 2.47 0.00	25.90 2.07 0.00
KINTIGH____ 23543	27.94 -0.23 0.00	25.06 0.17 0.00	23.72 0.07 0.00	22.43 0.11 0.00	21.99 0.28 0.00	21.33 -0.11 0.00	20.61 -0.36 0.00	19.99 -0.58 0.00	20.86 -0.06 0.00	22.23 0.24 0.00	23.68 0.37 0.00	24.99 0.27 0.00	25.46 0.25 0.00	27.33 0.27 0.00	28.35 0.31 0.00	29.44 0.23 0.00	31.30 -0.38 0.00	35.76 -0.36 0.00	35.73 -0.62 0.00	31.38 0.40 0.00	30.39 0.12 0.00	28.71 -0.03 0.00	25.30 0.08 0.00	24.45 0.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.94 -0.23 0.00	24.66 -0.22 0.00	23.46 -0.19 0.00	22.14 -0.18 0.00	21.54 -0.17 0.00	21.27 -0.17 0.00	20.99 0.02 0.00	20.75 0.19 0.00	20.93 0.00 0.00	21.90 -0.09 0.00	23.16 -0.14 0.00	24.52 -0.20 0.00	25.03 -0.18 0.00	26.87 -0.19 0.00	27.82 -0.22 0.00	28.95 -0.26 0.00	31.30 -0.38 0.00	35.90 -0.22 0.00	36.20 -0.15 0.00	30.88 -0.09 0.00	30.03 -0.24 0.00	28.36 -0.37 0.00	24.82 -0.40 0.00	23.45 -0.38 0.00

LACHUTE____HYDRO 323717	31.23 3.07 0.00	27.45 2.56 0.00	25.99 2.34 0.00	24.51 2.19 0.00	23.86 2.15 0.00	23.58 2.14 0.00	23.11 2.14 0.00	22.48 1.91 0.00	22.98 2.05 0.00	24.21 2.22 0.00	25.56 2.26 0.00	26.97 2.25 0.00	27.48 2.27 0.00	29.58 2.52 0.00	30.68 2.64 0.00	31.93 2.72 0.00	34.84 3.17 0.00	39.70 3.58 0.00	40.38 4.03 0.00	34.69 3.72 0.00	33.96 3.69 0.00	32.04 3.30 0.00	27.88 2.65 0.00	26.19 2.36 0.00
LAWRNCV_115KV_TB1 80681	27.63 -0.54 0.00	24.36 -0.52 0.00	23.15 -0.50 0.00	21.83 -0.49 0.00	21.21 -0.50 0.00	20.95 -0.49 0.00	20.69 -0.27 0.00	20.45 -0.12 0.00	20.57 -0.36 0.00	21.50 -0.48 0.00	22.77 -0.54 0.00	24.13 -0.59 0.00	24.60 -0.61 0.00	26.41 -0.65 0.00	27.37 -0.67 0.00	28.51 -0.70 0.00	30.85 -0.82 0.00	35.40 -0.72 0.00	35.73 -0.62 0.00	30.48 -0.50 0.00	29.73 -0.54 0.00	28.13 -0.60 0.00	24.65 -0.58 0.00	23.26 -0.57 0.00
LEDERLE____ 23769	30.36 2.20 0.00	26.72 1.84 0.00	25.38 1.73 0.00	23.80 1.47 0.00	23.10 1.39 0.00	22.94 1.50 0.00	22.33 1.36 0.00	21.91 1.34 0.00	22.52 1.59 0.00	23.72 1.74 0.00	25.17 1.86 0.00	26.77 2.05 0.00	27.35 2.14 0.00	29.36 2.30 0.00	30.43 2.38 0.00	31.72 2.51 0.00	34.56 2.88 0.00	39.15 3.03 0.00	39.36 3.02 0.00	33.14 2.17 0.00	32.54 2.27 0.00	31.06 2.33 0.00	27.32 2.09 0.00	25.64 1.81 0.00
LIGHTHSE_115KV_TB6 355974	29.07 -0.08 -0.99	25.07 -0.02 -0.22	23.58 -0.07 0.00	22.28 -0.04 0.00	21.69 -0.02 0.00	21.35 -0.09 0.00	20.80 -0.17 0.00	20.36 -0.21 0.00	20.82 -0.10 0.00	21.85 -0.13 0.00	23.64 -0.12 -0.45	25.36 -0.15 -0.79	25.75 -0.18 -0.72	28.00 -0.22 -1.16	29.26 -0.20 -1.41	30.66 -0.23 -1.68	33.13 -0.41 -1.87	39.04 -0.29 -3.21	39.59 -0.25 -3.50	33.22 -0.03 -2.27	32.33 -0.03 -2.09	30.41 0.00 -1.68	26.12 0.00 -0.89	24.53 0.07 -0.62
LINDEN COGEN____ 23786	30.39 2.22 0.00	26.77 1.89 0.00	25.38 1.73 0.00	23.75 1.43 0.00	23.04 1.32 0.00	22.94 1.50 0.00	22.46 1.49 0.00	21.89 1.32 0.00	22.52 1.59 0.00	23.75 1.76 0.00	25.24 1.93 0.00	26.87 2.15 0.00	27.45 2.24 0.00	29.44 2.38 0.00	30.43 2.38 0.00	31.72 2.51 0.00	34.24 2.56 0.00	38.97 2.85 0.00	39.10 2.76 0.00	32.77 1.80 0.00	32.33 2.06 0.00	30.83 2.10 0.00	27.42 2.19 0.00	25.67 1.84 0.00
LINDHRST_69_KV_BK1 356055	34.53 3.44 -2.93	31.27 2.94 -3.45	27.53 2.74 -1.14	24.71 2.39 0.00	23.88 2.17 0.00	23.67 2.23 0.00	22.94 1.97 0.00	22.73 2.16 0.00	23.35 2.43 0.00	24.58 2.59 0.00	28.52 2.68 -2.53	28.97 2.92 -1.34	32.92 3.03 -4.69	35.14 3.27 -4.80	38.31 3.39 -6.87	40.65 3.68 -7.76	42.64 4.12 -6.84	43.56 4.44 -3.00	50.68 4.40 -9.94	43.32 3.38 -8.96	41.83 3.51 -8.04	35.38 3.45 -3.19	30.52 3.15 -2.14	27.79 2.81 -1.14
LIPA_MISC_IPP 23656	34.56 3.46 -2.93	31.27 2.94 -3.45	27.58 2.79 -1.14	24.76 2.43 0.00	23.90 2.19 0.00	23.67 2.23 0.00	22.94 1.97 0.00	22.87 2.30 0.00	23.48 2.55 0.00	24.49 2.51 0.00	28.31 2.47 -2.53	28.65 2.60 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.00 3.08 -6.87	40.36 3.39 -7.76	42.35 3.83 -6.84	43.34 4.23 -3.00	63.99 4.18 -23.46	43.13 3.19 -8.96	41.59 3.27 -8.04	35.09 3.16 -3.19	30.27 2.90 -2.14	27.60 2.62 -1.14
LISF____SOLAR 323691	34.62 3.52 -2.93	31.37 3.03 -3.45	27.65 2.86 -1.14	24.69 2.37 0.00	23.95 2.24 0.00	23.71 2.27 0.00	23.11 2.14 0.00	22.71 2.14 0.00	23.50 2.57 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.68 2.62 -1.34	32.67 2.77 -4.69	34.89 3.03 -4.80	38.06 3.14 -6.87	40.38 3.42 -7.76	42.22 3.70 -6.84	43.41 4.30 -3.00	64.26 4.25 -23.67	43.19 3.25 -8.96	41.62 3.30 -8.04	35.01 3.08 -3.19	30.31 2.95 -2.14	27.64 2.67 -1.14
LITTLE FALLS____HYD 24013	28.08 -0.08 0.00	24.81 -0.07 0.00	23.58 -0.07 0.00	22.23 -0.09 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.84 -0.13 0.00	20.41 -0.16 0.00	20.80 -0.13 0.00	21.83 -0.15 0.00	23.14 -0.16 0.00	24.50 -0.22 0.00	24.93 -0.28 0.00	26.68 -0.38 0.00	27.65 -0.39 0.00	28.74 -0.47 0.00	31.23 -0.44 0.00	35.69 -0.43 0.00	35.94 -0.40 0.00	30.64 -0.34 0.00	30.00 -0.27 0.00	28.48 -0.26 0.00	25.00 -0.23 0.00	23.64 -0.19 0.00
LITTLRIV_115KV_TB1 356100	28.00 -0.28 -0.12	24.61 -0.30 -0.03	23.34 -0.31 0.00	22.01 -0.31 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.86 -0.10 0.00	20.61 0.04 0.00	20.76 -0.17 0.00	21.66 -0.33 0.00	22.99 -0.37 -0.05	24.39 -0.42 -0.10	24.84 -0.45 -0.09	26.71 -0.49 -0.14	27.74 -0.48 -0.17	28.92 -0.50 -0.21	31.33 -0.57 -0.23	36.11 -0.40 -0.39	36.52 -0.25 -0.43	31.07 -0.19 -0.28	30.29 -0.24 -0.25	28.63 -0.32 -0.20	24.98 -0.35 -0.11	23.55 -0.36 -0.08
LI_NEWBRDGE____DRP 323616	33.80 2.70 -2.93	30.64 2.31 -3.45	26.96 2.18 -1.14	24.17 1.85 0.00	23.38 1.67 0.00	23.20 1.76 0.00	22.50 1.53 0.00	22.26 1.69 0.00	22.87 1.95 0.00	24.08 2.09 0.00	28.03 2.19 -2.53	28.43 2.37 -1.34	32.34 2.45 -4.69	34.49 2.62 -4.80	37.61 2.69 -6.87	39.86 2.89 -7.76	41.78 3.26 -6.84	42.51 3.40 -3.00	45.17 3.34 -5.49	42.39 2.45 -8.96	40.95 2.63 -8.04	34.63 2.70 -3.19	29.89 2.52 -2.14	27.19 2.22 -1.14
LOCKPORT_115KV_TB60_63_64 80432	28.30 0.14 0.00	25.30 0.42 0.00	24.08 0.43 0.00	22.77 0.45 0.00	22.23 0.52 0.00	21.61 0.17 0.00	20.78 -0.19 0.00	20.01 -0.56 0.00	20.99 0.06 0.00	22.40 0.42 0.00	23.89 0.58 0.00	25.16 0.44 0.00	25.64 0.43 0.00	27.52 0.46 0.00	28.58 0.53 0.00	29.65 0.44 0.00	31.42 -0.25 0.00	35.87 -0.25 0.00	35.84 -0.51 0.00	31.63 0.65 0.00	30.61 0.33 0.00	28.85 0.11 0.00	25.48 0.25 0.00	24.86 1.02 0.00
LOCKPORT____CC1 323769	28.05 -0.11 0.00	25.28 0.40 0.00	24.05 0.40 0.00	22.72 0.40 0.00	22.34 0.63 0.00	21.61 0.17 0.00	21.26 0.29 0.00	20.38 -0.19 0.00	21.26 0.33 0.00	22.47 0.48 0.00	23.91 0.60 0.00	25.19 0.47 0.00	25.66 0.45 0.00	27.52 0.46 0.00	28.58 0.53 0.00	29.68 0.47 0.00	32.09 0.41 0.00	35.65 -0.47 0.00	35.69 -0.65 0.00	31.60 0.62 0.00	30.58 0.30 0.00	29.23 0.49 0.00	25.48 0.25 0.00	24.81 0.98 0.00
LOCKPORT____CC2 323770	28.05 -0.11 0.00	25.28 0.40 0.00	24.05 0.40 0.00	22.72 0.40 0.00	22.34 0.63 0.00	21.61 0.17 0.00	21.26 0.29 0.00	20.38 -0.19 0.00	21.26 0.33 0.00	22.47 0.48 0.00	23.91 0.60 0.00	25.19 0.47 0.00	25.66 0.45 0.00	27.52 0.46 0.00	28.58 0.53 0.00	29.68 0.47 0.00	32.09 0.41 0.00	35.65 -0.47 0.00	35.69 -0.65 0.00	31.60 0.62 0.00	30.58 0.30 0.00	29.23 0.49 0.00	25.48 0.25 0.00	24.81 0.98 0.00
LOCKPORT____CC3 323771	28.05 -0.11 0.00	25.28 0.40 0.00	24.05 0.40 0.00	22.72 0.40 0.00	22.34 0.63 0.00	21.61 0.17 0.00	21.26 0.29 0.00	20.38 -0.19 0.00	21.26 0.33 0.00	22.47 0.48 0.00	23.91 0.60 0.00	25.19 0.47 0.00	25.66 0.45 0.00	27.52 0.46 0.00	28.58 0.53 0.00	29.68 0.47 0.00	32.09 0.41 0.00	35.65 -0.47 0.00	35.69 -0.65 0.00	31.60 0.62 0.00	30.58 0.30 0.00	29.23 0.49 0.00	25.48 0.25 0.00	24.81 0.98 0.00

LONG_LAKE_PHOENIX 24014	29.15 -0.39 -1.38	24.91 -0.27 -0.30	23.34 -0.31 0.00	22.08 -0.25 0.00	21.49 -0.22 0.00	21.16 -0.28 0.00	20.59 -0.38 0.00	20.18 -0.39 0.00	20.66 -0.27 0.00	21.74 -0.24 0.00	23.70 -0.23 -0.63	25.55 -0.27 -1.11	25.91 -0.30 -1.01	28.36 -0.32 -1.63	29.69 -0.34 -1.98	31.22 -0.35 -2.36	33.79 -0.51 -2.62	40.15 -0.47 -4.50	40.75 -0.51 -4.91	33.89 -0.28 -3.19	32.87 -0.33 -2.93	30.71 -0.37 -2.35	26.20 -0.28 -1.25	24.52 -0.19 -0.88
LOVETT___3 23632	30.19 2.03 0.00	26.60 1.72 0.00	25.26 1.61 0.00	23.68 1.36 0.00	22.97 1.26 0.00	22.83 1.39 0.00	22.22 1.26 0.00	21.80 1.23 0.00	22.41 1.49 0.00	23.59 1.61 0.00	25.03 1.72 0.00	26.62 1.90 0.00	27.20 1.99 0.00	29.20 2.14 0.00	30.23 2.19 0.00	31.52 2.31 0.00	34.34 2.66 0.00	38.87 2.75 0.00	39.07 2.73 0.00	32.90 1.92 0.00	32.33 2.06 0.00	30.89 2.16 0.00	27.17 1.94 0.00	25.50 1.67 0.00
LOVETT___4 23642	30.19 2.03 0.00	26.60 1.72 0.00	25.26 1.61 0.00	23.68 1.36 0.00	22.97 1.26 0.00	22.83 1.39 0.00	22.22 1.26 0.00	21.80 1.23 0.00	22.41 1.49 0.00	23.59 1.61 0.00	25.03 1.72 0.00	26.62 1.90 0.00	27.20 1.99 0.00	29.20 2.14 0.00	30.23 2.19 0.00	31.52 2.31 0.00	34.34 2.66 0.00	38.87 2.75 0.00	39.07 2.73 0.00	32.90 1.92 0.00	32.33 2.06 0.00	30.89 2.16 0.00	27.17 1.94 0.00	25.50 1.67 0.00
LOVETT___5 23593	30.19 2.03 0.00	26.60 1.72 0.00	25.26 1.61 0.00	23.68 1.36 0.00	22.97 1.26 0.00	22.83 1.39 0.00	22.22 1.26 0.00	21.80 1.23 0.00	22.41 1.49 0.00	23.59 1.61 0.00	25.03 1.72 0.00	26.62 1.90 0.00	27.20 1.99 0.00	29.20 2.14 0.00	30.23 2.19 0.00	31.52 2.31 0.00	34.34 2.66 0.00	38.87 2.75 0.00	39.07 2.73 0.00	32.90 1.92 0.00	32.33 2.06 0.00	30.89 2.16 0.00	27.17 1.94 0.00	25.50 1.67 0.00
LOWER RAQUET___HYD 24057	27.79 -0.51 -0.13	24.39 -0.52 -0.03	23.13 -0.52 0.00	21.83 -0.49 0.00	21.21 -0.50 0.00	20.95 -0.49 0.00	20.49 -0.48 0.00	20.38 -0.19 0.00	20.53 -0.40 0.00	21.48 -0.50 0.00	22.80 -0.56 -0.06	24.20 -0.62 -0.10	24.67 -0.63 -0.09	26.53 -0.68 -0.15	27.53 -0.70 -0.18	28.70 -0.73 -0.22	31.06 -0.85 -0.24	35.82 -0.72 -0.42	36.18 -0.62 -0.46	30.78 -0.50 -0.30	30.00 -0.54 -0.27	28.35 -0.60 -0.22	24.76 -0.58 -0.12	23.34 -0.57 -0.08
LOWER___HUDSON 24059	29.66 1.49 0.00	26.13 1.24 0.00	24.83 1.18 0.00	23.37 1.05 0.00	22.69 0.98 0.00	22.47 1.03 0.00	21.97 1.01 0.00	21.29 0.72 0.00	21.77 0.84 0.00	22.89 0.90 0.00	24.21 0.91 0.00	25.73 1.01 0.00	26.22 1.01 0.00	28.19 1.14 0.00	29.20 1.15 0.00	30.44 1.23 0.00	33.07 1.39 0.00	37.71 1.59 0.00	38.05 1.71 0.00	32.37 1.40 0.00	31.70 1.42 0.00	30.06 1.32 0.00	26.36 1.14 0.00	24.83 1.00 0.00
LOWVILLE_115KV_TB2 356335	29.05 0.59 -0.30	25.47 0.52 -0.06	24.10 0.45 0.00	22.75 0.42 0.00	22.10 0.39 0.00	21.78 0.34 0.00	21.30 0.34 0.00	20.88 0.31 0.00	21.26 0.33 0.00	22.18 0.20 0.00	23.67 0.23 -0.13	25.18 0.22 -0.24	25.60 0.18 -0.22	27.60 0.19 -0.35	28.69 0.22 -0.42	29.98 0.26 -0.50	32.52 0.29 -0.56	37.70 0.61 -0.96	38.16 0.76 -1.05	32.49 0.84 -0.68	31.72 0.82 -0.63	30.01 0.78 -0.50	26.08 0.58 -0.27	24.57 0.55 -0.19
LUTHERFT_115KV_GLOB_FND_222 355753	29.97 1.80 0.00	26.40 1.52 0.00	25.07 1.42 0.00	23.62 1.29 0.00	22.95 1.24 0.00	22.70 1.26 0.00	22.10 1.13 0.00	21.56 0.99 0.00	22.02 1.09 0.00	23.15 1.17 0.00	24.49 1.19 0.00	25.98 1.26 0.00	26.47 1.26 0.00	28.47 1.41 0.00	29.50 1.46 0.00	30.73 1.52 0.00	33.51 1.84 0.00	38.11 1.99 0.00	38.52 2.18 0.00	32.87 1.89 0.00	32.18 1.91 0.00	30.55 1.81 0.00	26.72 1.49 0.00	25.14 1.31 0.00
LUTHERNY_35_KV_BK2 355980	29.99 1.83 0.00	26.40 1.52 0.00	25.07 1.42 0.00	23.64 1.32 0.00	22.97 1.26 0.00	22.73 1.29 0.00	22.10 1.13 0.00	21.56 0.99 0.00	22.04 1.11 0.00	23.17 1.19 0.00	24.49 1.19 0.00	25.98 1.26 0.00	26.50 1.29 0.00	28.47 1.41 0.00	29.50 1.46 0.00	30.76 1.55 0.00	33.54 1.87 0.00	38.14 2.02 0.00	38.56 2.22 0.00	32.90 1.92 0.00	32.21 1.94 0.00	30.58 1.84 0.00	26.72 1.49 0.00	25.17 1.33 0.00
LWR___OSWEGATCHIE_HYD 23850	28.42 0.00 -0.25	24.91 -0.02 -0.06	23.58 -0.07 0.00	22.26 -0.07 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.95 -0.02 0.00	20.61 0.04 0.00	20.86 -0.06 0.00	21.79 -0.20 0.00	23.21 -0.21 -0.12	24.68 -0.25 -0.20	25.09 -0.30 -0.19	27.03 -0.32 -0.30	28.10 -0.31 -0.36	29.32 -0.32 -0.43	31.81 -0.35 -0.48	36.84 -0.11 -0.83	37.25 0.00 -0.90	31.69 0.12 -0.59	30.90 0.09 -0.54	29.23 0.06 -0.43	25.43 -0.03 -0.23	23.95 -0.05 -0.16
LYONS_FALL_HYD 23570	29.00 0.62 -0.22	25.48 0.55 -0.05	24.15 0.50 0.00	22.79 0.47 0.00	22.14 0.43 0.00	21.83 0.39 0.00	21.36 0.40 0.00	20.94 0.37 0.00	21.35 0.42 0.00	22.29 0.31 0.00	23.75 0.35 -0.10	25.24 0.35 -0.17	25.67 0.30 -0.16	27.64 0.33 -0.25	28.75 0.39 -0.31	29.99 0.41 -0.37	32.59 0.51 -0.41	37.58 0.76 -0.70	37.98 0.87 -0.77	32.37 0.90 -0.50	31.58 0.85 -0.46	29.91 0.80 -0.37	26.03 0.60 -0.20	24.54 0.57 -0.14
MADISON___COUNTY_LFGE 323628	29.10 0.70 -0.23	25.58 0.65 -0.05	24.22 0.57 0.00	22.88 0.56 0.00	22.25 0.54 0.00	21.91 0.47 0.00	21.39 0.42 0.00	20.92 0.35 0.00	21.41 0.48 0.00	22.45 0.46 0.00	23.92 0.51 -0.10	25.42 0.52 -0.18	25.88 0.50 -0.17	27.87 0.54 -0.27	28.99 0.62 -0.33	30.24 0.64 -0.39	32.80 0.70 -0.43	37.84 0.98 -0.74	38.13 0.98 -0.81	32.52 1.02 -0.53	31.69 0.94 -0.48	29.96 0.83 -0.39	26.14 0.71 -0.21	24.69 0.71 -0.14
MALONE___115KV_TB1 356076	27.80 -0.37 0.00	24.51 -0.37 0.00	23.30 -0.35 0.00	21.99 -0.33 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.86 -0.10 0.00	20.63 0.06 0.00	20.78 -0.15 0.00	21.77 -0.22 0.00	23.02 -0.28 0.00	24.37 -0.35 0.00	24.86 -0.35 0.00	26.68 -0.38 0.00	27.62 -0.42 0.00	28.77 -0.44 0.00	31.11 -0.57 0.00	35.69 -0.43 0.00	36.02 -0.33 0.00	30.70 -0.28 0.00	29.85 -0.42 0.00	28.22 -0.52 0.00	24.72 -0.50 0.00	23.33 -0.50 0.00
MAPLEWOD_115KV_TB3 80458	29.60 1.44 0.00	26.08 1.19 0.00	24.76 1.11 0.00	23.35 1.03 0.00	22.67 0.96 0.00	22.43 0.99 0.00	21.83 0.86 0.00	21.29 0.72 0.00	21.74 0.82 0.00	22.84 0.86 0.00	24.21 0.91 0.00	25.71 0.99 0.00	26.24 1.03 0.00	28.22 1.16 0.00	29.25 1.21 0.00	30.47 1.26 0.00	33.23 1.55 0.00	37.78 1.66 0.00	38.09 1.74 0.00	32.40 1.42 0.00	31.73 1.45 0.00	30.12 1.38 0.00	26.36 1.14 0.00	24.83 1.00 0.00
MAPLE RIDGE_WT_1 323574	27.83 -0.34 0.00	24.58 -0.30 0.00	23.39 -0.26 0.00	22.08 -0.25 0.00	21.49 -0.22 0.00	21.23 -0.21 0.00	20.78 -0.19 0.00	20.45 -0.12 0.00	20.76 -0.17 0.00	21.79 -0.20 0.00	23.09 -0.21 0.00	24.47 -0.25 0.00	24.96 -0.25 0.00	26.79 -0.27 0.00	27.76 -0.28 0.00	28.92 -0.29 0.00	31.33 -0.35 0.00	35.76 -0.36 0.00	36.02 -0.33 0.00	30.67 -0.31 0.00	29.94 -0.33 0.00	28.39 -0.34 0.00	24.90 -0.33 0.00	23.52 -0.31 0.00

MAPLE_RIDGE_WT_2 323611	27.83 -0.34 0.00	24.58 -0.30 0.00	23.39 -0.26 0.00	22.08 -0.25 0.00	21.49 -0.22 0.00	21.23 -0.21 0.00	20.78 -0.19 0.00	20.45 -0.12 0.00	20.76 -0.17 0.00	21.79 -0.20 0.00	23.09 -0.21 0.00	24.47 -0.25 0.00	24.96 -0.25 0.00	26.79 -0.27 0.00	27.76 -0.28 0.00	28.92 -0.29 0.00	31.33 -0.35 0.00	35.76 -0.36 0.00	36.02 -0.33 0.00	30.67 -0.31 0.00	29.94 -0.33 0.00	28.39 -0.34 0.00	24.90 -0.33 0.00	23.52 -0.31 0.00
MARBLE_RIVER_WT_PWR 323696	27.77 -0.39 0.00	24.51 -0.37 0.00	23.32 -0.33 0.00	22.01 -0.31 0.00	21.41 -0.30 0.00	21.16 -0.28 0.00	20.69 -0.27 0.00	20.59 0.02 0.00	20.76 -0.17 0.00	21.77 -0.22 0.00	23.03 -0.28 0.00	24.40 -0.32 0.00	24.88 -0.33 0.00	26.71 -0.35 0.00	27.65 -0.39 0.00	28.77 -0.44 0.00	31.11 -0.57 0.00	35.61 -0.51 0.00	35.91 -0.43 0.00	30.61 -0.37 0.00	29.76 -0.51 0.00	28.16 -0.57 0.00	24.65 -0.58 0.00	23.29 -0.55 0.00
MARSHVLE_115KV_TB1 80742	30.78 2.62 0.00	27.17 2.29 0.00	25.78 2.13 0.00	24.35 2.03 0.00	23.69 1.98 0.00	23.41 1.97 0.00	22.77 1.80 0.00	22.22 1.65 0.00	22.71 1.78 0.00	23.81 1.82 0.00	25.24 1.93 0.00	26.75 2.03 0.00	27.28 2.07 0.00	29.33 2.27 0.00	30.48 2.44 0.00	31.75 2.54 0.00	34.62 2.95 0.00	39.59 3.47 0.00	40.05 3.71 0.00	34.32 3.35 0.00	33.54 3.27 0.00	31.70 2.96 0.00	27.70 2.47 0.00	26.07 2.24 0.00
MARSH_HILL_WT_PWR 323713	29.19 0.87 -0.15	26.01 1.09 -0.03	24.60 0.95 0.00	23.33 1.01 0.00	22.77 1.06 0.00	22.19 0.75 0.00	21.81 0.84 0.00	21.06 0.49 0.00	21.87 0.94 0.00	23.04 1.06 0.00	24.54 1.16 -0.07	25.93 1.09 -0.12	26.46 1.14 -0.11	28.46 1.22 -0.18	29.55 1.29 -0.22	30.73 1.26 -0.26	33.26 1.30 -0.29	37.77 1.16 -0.50	37.94 1.05 -0.54	33.09 1.76 -0.35	32.08 1.48 -0.32	30.52 1.52 -0.26	26.47 1.11 -0.14	25.46 1.53 -0.10
MCINTYRE_115KV_TB2 80467	27.97 -0.20 0.00	24.63 -0.25 0.00	23.41 -0.24 0.00	22.08 -0.25 0.00	21.43 -0.28 0.00	21.16 -0.28 0.00	20.90 -0.06 0.00	20.67 0.10 0.00	20.78 -0.15 0.00	21.68 -0.31 0.00	22.95 -0.35 0.00	24.32 -0.40 0.00	24.78 -0.43 0.00	26.60 -0.46 0.00	27.60 -0.45 0.00	28.71 -0.50 0.00	31.14 -0.54 0.00	35.79 -0.33 0.00	36.16 -0.18 0.00	30.88 -0.09 0.00	30.12 -0.15 0.00	28.51 -0.23 0.00	24.92 -0.30 0.00	23.52 -0.31 0.00
MECO____69_KV_BK1 80468	31.66 3.49 0.00	27.87 2.99 0.00	26.39 2.74 0.00	24.91 2.59 0.00	24.27 2.56 0.00	23.95 2.51 0.00	23.27 2.31 0.00	22.75 2.18 0.00	23.12 2.20 0.00	24.21 2.22 0.00	25.63 2.33 0.00	27.09 2.37 0.00	27.68 2.47 0.00	29.82 2.76 0.00	30.99 2.94 0.00	32.28 3.07 0.00	35.35 3.67 0.00	40.60 4.48 0.00	41.25 4.91 0.00	35.56 4.58 0.00	34.72 4.45 0.00	32.67 3.94 0.00	28.41 3.18 0.00	26.74 2.91 0.00
MENANDS__115KV_TB5 355628	29.35 1.18 0.00	25.85 0.97 0.00	24.57 0.92 0.00	23.15 0.83 0.00	22.47 0.76 0.00	22.25 0.81 0.00	21.66 0.69 0.00	21.13 0.56 0.00	21.58 0.65 0.00	22.65 0.66 0.00	24.00 0.70 0.00	25.51 0.79 0.00	26.02 0.81 0.00	27.98 0.92 0.00	28.97 0.93 0.00	30.20 0.99 0.00	32.94 1.27 0.00	37.38 1.26 0.00	37.69 1.34 0.00	32.03 1.05 0.00	31.36 1.09 0.00	29.80 1.06 0.00	26.11 0.88 0.00	24.60 0.76 0.00
MG INDUSTRY__DRP 24185	29.43 1.27 0.00	25.95 1.07 0.00	24.67 1.02 0.00	23.28 0.96 0.00	22.62 0.91 0.00	22.38 0.94 0.00	21.76 0.80 0.00	21.23 0.66 0.00	21.66 0.73 0.00	22.76 0.77 0.00	24.10 0.79 0.00	25.58 0.87 0.00	26.12 0.91 0.00	28.06 1.00 0.00	29.08 1.04 0.00	30.29 1.08 0.00	33.01 1.33 0.00	37.49 1.37 0.00	37.80 1.45 0.00	32.15 1.18 0.00	31.48 1.21 0.00	29.89 1.15 0.00	26.19 0.96 0.00	24.69 0.86 0.00
MID__OSWEGATCHIE_HYD 23849	28.42 0.00 -0.25	24.91 -0.02 -0.06	23.58 -0.07 0.00	22.26 -0.07 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.95 -0.02 0.00	20.61 0.04 0.00	20.86 -0.06 0.00	21.79 -0.20 0.00	23.21 -0.21 -0.12	24.68 -0.25 -0.20	25.09 -0.30 -0.19	27.03 -0.32 -0.30	28.10 -0.31 -0.36	29.32 -0.32 -0.43	31.81 -0.35 -0.48	36.84 -0.11 -0.83	37.25 0.00 -0.90	31.69 0.12 -0.59	30.90 0.09 -0.54	29.23 0.06 -0.43	25.43 -0.03 -0.23	23.95 -0.05 -0.16
MID__RAQUETTE_HYD 23851	27.76 -0.54 -0.13	24.39 -0.52 -0.03	23.13 -0.52 0.00	21.83 -0.49 0.00	21.21 -0.50 0.00	20.95 -0.49 0.00	20.67 -0.29 0.00	20.43 -0.14 0.00	20.57 -0.36 0.00	21.48 -0.51 0.00	22.80 -0.56 -0.06	24.20 -0.62 -0.10	24.67 -0.63 -0.09	26.53 -0.68 -0.15	27.53 -0.70 -0.18	28.70 -0.73 -0.22	31.09 -0.82 -0.24	35.81 -0.72 -0.42	36.18 -0.62 -0.46	30.78 -0.50 -0.30	30.00 -0.54 -0.27	28.35 -0.60 -0.22	24.76 -0.58 -0.12	23.34 -0.57 -0.08
MILLIKEN__1 23584	29.28 0.62 -0.50	25.64 0.65 -0.11	24.19 0.54 0.00	22.88 0.56 0.00	22.28 0.56 0.00	21.91 0.47 0.00	21.30 0.34 0.00	20.84 0.27 0.00	21.39 0.46 0.00	22.49 0.51 0.00	24.09 0.56 -0.23	25.66 0.54 -0.40	26.10 0.53 -0.36	28.21 0.57 -0.58	29.34 0.59 -0.71	30.67 0.61 -0.84	33.21 0.60 -0.94	38.67 0.94 -1.61	39.05 0.94 -1.76	33.20 1.08 -1.14	32.26 0.94 -1.05	30.38 0.80 -0.84	26.38 0.71 -0.45	24.91 0.76 -0.31
MILLIKEN__2 23585	29.28 0.62 -0.50	25.64 0.65 -0.11	24.19 0.54 0.00	22.88 0.56 0.00	22.28 0.56 0.00	21.91 0.47 0.00	21.30 0.34 0.00	20.84 0.27 0.00	21.39 0.46 0.00	22.49 0.51 0.00	24.09 0.56 -0.23	25.66 0.54 -0.40	26.10 0.53 -0.36	28.21 0.57 -0.58	29.34 0.59 -0.71	30.67 0.61 -0.84	33.21 0.60 -0.94	38.67 0.94 -1.61	39.05 0.94 -1.76	33.20 1.08 -1.14	32.26 0.94 -1.05	30.38 0.80 -0.84	26.38 0.71 -0.45	24.91 0.76 -0.31
MILLIKEN__DIESEL 23629	29.28 0.62 -0.50	25.64 0.65 -0.11	24.19 0.54 0.00	22.88 0.56 0.00	22.28 0.56 0.00	21.91 0.47 0.00	21.30 0.34 0.00	20.84 0.27 0.00	21.39 0.46 0.00	22.49 0.51 0.00	24.09 0.56 -0.23	25.66 0.54 -0.40	26.10 0.53 -0.36	28.21 0.57 -0.58	29.34 0.59 -0.71	30.67 0.61 -0.84	33.21 0.60 -0.94	38.67 0.94 -1.61	39.05 0.94 -1.76	33.20 1.08 -1.14	32.26 0.94 -1.05	30.38 0.80 -0.84	26.38 0.71 -0.45	24.91 0.76 -0.31
MILLSEAT__LFGE 323607	28.45 0.28 0.00	25.58 0.70 0.00	24.34 0.69 0.00	22.97 0.65 0.00	22.60 0.89 0.00	21.87 0.43 0.00	21.49 0.52 0.00	20.65 0.08 0.00	21.51 0.59 0.00	22.73 0.75 0.00	24.14 0.84 0.00	25.44 0.72 0.00	25.94 0.73 0.00	27.84 0.79 0.00	28.92 0.87 0.00	30.03 0.82 0.00	32.53 0.86 0.00	36.30 0.18 0.00	36.38 0.04 0.00	32.15 1.18 0.00	31.09 0.82 0.00	29.68 0.95 0.00	25.86 0.63 0.00	25.09 1.26 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.30 2.14 0.00	26.67 1.79 0.00	25.33 1.68 0.00	23.77 1.45 0.00	23.06 1.35 0.00	22.92 1.48 0.00	22.29 1.32 0.00	21.89 1.32 0.00	22.45 1.53 0.00	23.66 1.67 0.00	25.10 1.79 0.00	26.67 1.95 0.00	27.25 2.04 0.00	29.25 2.19 0.00	30.29 2.24 0.00	31.58 2.37 0.00	34.40 2.72 0.00	38.94 2.82 0.00	39.18 2.83 0.00	32.93 1.95 0.00	32.39 2.12 0.00	30.95 2.21 0.00	27.25 2.02 0.00	25.57 1.74 0.00

MILLWOOD_13_KV_LOAD 356217	30.39 2.22 0.00	26.75 1.87 0.00	25.38 1.73 0.00	23.80 1.47 0.00	23.12 1.41 0.00	22.98 1.54 0.00	22.35 1.38 0.00	21.95 1.38 0.00	22.52 1.59 0.00	23.70 1.71 0.00	25.15 1.84 0.00	26.72 2.00 0.00	27.30 2.09 0.00	29.30 2.25 0.00	30.40 2.36 0.00	31.69 2.48 0.00	34.53 2.85 0.00	39.12 3.00 0.00	39.36 3.02 0.00	33.02 2.04 0.00	32.48 2.21 0.00	31.04 2.30 0.00	27.30 2.07 0.00	25.62 1.79 0.00
MODEL_CITY_ENERGY 24167	27.71 -0.45 0.00	24.98 0.10 0.00	23.89 0.24 0.00	22.46 0.13 0.00	22.19 0.48 0.00	21.44 0.00 0.00	21.07 0.11 0.00	20.14 -0.43 0.00	21.03 0.11 0.00	22.23 0.24 0.00	23.63 0.33 0.00	24.89 0.17 0.00	25.36 0.15 0.00	27.19 0.14 0.00	28.24 0.20 0.00	29.33 0.12 0.00	31.71 0.03 0.00	35.22 -0.90 0.00	35.25 -1.09 0.00	31.22 0.25 0.00	30.21 -0.06 0.00	28.88 0.14 0.00	25.18 -0.05 0.00	24.52 0.69 0.00
MODERN_LFGE_ 323580	27.71 -0.45 0.00	24.98 0.10 0.00	23.89 0.24 0.00	22.46 0.13 0.00	22.19 0.48 0.00	21.44 0.00 0.00	21.07 0.11 0.00	20.14 -0.43 0.00	21.03 0.11 0.00	22.23 0.24 0.00	23.63 0.33 0.00	24.89 0.17 0.00	25.36 0.15 0.00	27.19 0.14 0.00	28.24 0.20 0.00	29.33 0.12 0.00	31.71 0.03 0.00	35.22 -0.90 0.00	35.25 -1.09 0.00	31.22 0.25 0.00	30.21 -0.06 0.00	28.88 0.14 0.00	25.18 -0.05 0.00	24.52 0.69 0.00
MOHAWK_PAPER__DRP 24187	29.60 1.44 0.00	26.08 1.19 0.00	24.76 1.11 0.00	23.35 1.03 0.00	22.67 0.96 0.00	22.43 0.99 0.00	21.83 0.86 0.00	21.29 0.72 0.00	21.74 0.82 0.00	22.84 0.86 0.00	24.21 0.91 0.00	25.71 0.99 0.00	26.24 1.03 0.00	28.22 1.16 0.00	29.25 1.21 0.00	30.47 1.26 0.00	33.23 1.55 0.00	37.78 1.66 0.00	38.09 1.74 0.00	32.40 1.42 0.00	31.73 1.45 0.00	30.12 1.38 0.00	26.36 1.14 0.00	24.83 1.00 0.00
MOHICAN__35_KV_115KV_LD 80490	29.99 1.83 0.00	26.37 1.49 0.00	25.02 1.37 0.00	23.59 1.27 0.00	22.95 1.24 0.00	22.68 1.24 0.00	22.08 1.11 0.00	21.56 0.99 0.00	22.04 1.11 0.00	23.17 1.19 0.00	24.42 1.12 0.00	25.86 1.14 0.00	26.29 1.08 0.00	28.25 1.19 0.00	29.28 1.23 0.00	30.52 1.31 0.00	33.32 1.65 0.00	37.89 1.77 0.00	38.52 2.18 0.00	32.96 1.98 0.00	32.30 2.03 0.00	30.66 1.93 0.00	26.74 1.51 0.00	25.17 1.33 0.00
MONGAUP__HYD 23641	30.08 1.92 0.00	26.50 1.62 0.00	25.16 1.51 0.00	23.62 1.29 0.00	22.95 1.24 0.00	22.75 1.31 0.00	22.22 1.26 0.00	21.58 1.01 0.00	22.10 1.17 0.00	23.22 1.23 0.00	24.63 1.33 0.00	25.93 1.21 0.00	26.47 1.26 0.00	28.44 1.38 0.00	29.50 1.46 0.00	31.02 1.81 0.00	33.73 2.06 0.00	38.43 2.31 0.00	38.82 2.47 0.00	32.80 1.83 0.00	32.21 1.94 0.00	30.60 1.87 0.00	26.97 1.74 0.00	25.31 1.48 0.00
MONTAUK__DIESEL 23721	36.22 5.13 -2.93	32.68 4.35 -3.45	28.90 4.12 -1.14	25.94 3.62 0.00	25.03 3.32 0.00	24.76 3.32 0.00	23.99 3.02 0.00	23.98 3.41 0.00	24.71 3.79 0.00	25.86 3.87 0.00	29.73 3.89 -2.53	30.21 4.15 -1.34	34.31 4.41 -4.69	36.62 4.76 -4.80	39.82 4.91 -6.87	42.31 5.35 -7.76	44.50 5.99 -6.84	45.91 6.79 -3.00	66.72 6.83 -23.54	45.30 5.36 -8.96	43.46 5.15 -8.04	36.73 4.80 -3.19	31.63 4.26 -2.14	28.88 3.91 -1.14
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.98 0.82 0.00	25.95 1.07 0.00	24.60 0.95 0.00	23.24 0.92 0.00	22.80 1.09 0.00	22.10 0.66 0.00	21.36 0.40 0.00	20.75 0.19 0.00	21.81 0.88 0.00	23.24 1.25 0.00	24.80 1.49 0.00	26.15 1.43 0.00	26.67 1.46 0.00	28.57 1.52 0.00	29.64 1.60 0.00	30.70 1.49 0.00	32.69 1.01 0.00	37.28 1.16 0.00	37.22 0.87 0.00	32.68 1.70 0.00	31.57 1.30 0.00	29.83 1.09 0.00	26.24 1.01 0.00	25.43 1.60 0.00
MORTIMER_115KV_TB3 55949	28.28 0.11 0.00	25.23 0.35 0.00	23.89 0.24 0.00	22.59 0.27 0.00	22.12 0.41 0.00	21.55 0.11 0.00	20.86 -0.10 0.00	20.32 -0.25 0.00	21.09 0.17 0.00	22.40 0.42 0.00	23.86 0.56 0.00	25.19 0.47 0.00	25.69 0.48 0.00	27.60 0.54 0.00	28.61 0.56 0.00	29.76 0.55 0.00	31.80 0.13 0.00	36.41 0.29 0.00	36.45 0.11 0.00	31.78 0.81 0.00	30.82 0.54 0.00	29.11 0.37 0.00	25.61 0.38 0.00	24.55 0.71 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.50 2.29 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.05 2.08 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.52 2.30 0.00	25.81 1.98 0.00
MUNSVILLE_WIND_PWR 323609	30.71 2.25 -0.29	26.99 2.04 -0.06	25.52 1.87 0.00	24.13 1.81 0.00	23.47 1.76 0.00	23.07 1.63 0.00	22.66 1.70 0.00	22.05 1.48 0.00	22.62 1.69 0.00	23.52 1.54 0.00	25.04 1.61 -0.13	26.55 1.61 -0.23	26.98 1.56 -0.21	29.07 1.68 -0.34	30.28 1.82 -0.41	31.57 1.87 -0.49	34.37 2.15 -0.54	39.80 2.74 -0.93	40.31 2.94 -1.02	34.61 2.97 -0.66	33.76 2.88 -0.61	31.92 2.70 -0.49	27.66 2.17 -0.26	26.16 2.15 -0.18
N SALMON__HYD 24042	27.80 -0.37 0.00	24.51 -0.37 0.00	23.30 -0.35 0.00	21.99 -0.33 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.67 -0.29 0.00	20.59 0.02 0.00	20.76 -0.17 0.00	21.77 -0.22 0.00	23.03 -0.28 0.00	24.37 -0.35 0.00	24.86 -0.35 0.00	26.68 -0.38 0.00	27.62 -0.42 0.00	28.77 -0.44 0.00	31.07 -0.60 0.00	35.69 -0.43 0.00	36.02 -0.33 0.00	30.70 -0.28 0.00	29.85 -0.42 0.00	28.22 -0.52 0.00	24.72 -0.50 0.00	23.31 -0.52 0.00
N.AKRON__115KV_KNAPP 355671	28.70 0.54 0.00	25.63 0.75 0.00	24.36 0.71 0.00	23.04 0.71 0.00	22.51 0.80 0.00	21.89 0.45 0.00	21.07 0.10 0.00	20.32 -0.25 0.00	21.28 0.36 0.00	22.69 0.70 0.00	24.19 0.89 0.00	25.46 0.74 0.00	25.97 0.76 0.00	27.87 0.81 0.00	28.94 0.90 0.00	30.06 0.85 0.00	31.90 0.22 0.00	36.52 0.40 0.00	36.53 0.18 0.00	32.22 1.24 0.00	31.15 0.88 0.00	29.34 0.60 0.00	25.86 0.63 0.00	25.17 1.33 0.00
N.BELMOR_69_KV_BK1 55787	34.08 2.99 -2.93	30.89 2.56 -3.45	27.18 2.39 -1.14	24.40 2.08 0.00	23.60 1.89 0.00	23.39 1.95 0.00	22.71 1.74 0.00	22.44 1.87 0.00	23.06 2.13 0.00	24.29 2.31 0.00	28.28 2.45 -2.53	28.70 2.64 -1.34	32.64 2.75 -4.69	34.78 2.92 -4.80	37.94 3.03 -6.87	40.21 3.24 -7.76	42.16 3.64 -6.84	42.98 3.86 -3.00	45.68 3.85 -5.49	42.79 2.85 -8.96	41.31 3.00 -8.04	34.95 3.02 -3.19	30.19 2.83 -2.14	27.48 2.50 -1.14
N.E_GEN_SANDY PD 24062	29.83 1.66 0.00	26.27 1.39 0.00	24.97 1.32 0.00	23.46 1.14 0.00	22.75 1.04 0.00	22.58 1.14 0.00	22.08 1.11 0.00	21.39 0.82 0.00	21.91 0.98 0.00	23.04 1.06 0.00	24.40 1.10 0.00	25.95 1.24 0.00	26.44 1.23 0.00	28.38 1.33 0.00	29.39 1.35 0.00	30.67 1.46 0.00	33.29 1.61 0.00	37.93 1.81 0.00	37.68 1.85 0.52	32.85 1.36 -0.52	31.73 1.45 0.00	30.12 1.38 0.00	26.51 1.29 0.00	24.93 1.10 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.25 2.08 0.00	26.62 1.74 0.00	25.28 1.63 0.00	23.73 1.41 0.00	23.01 1.30 0.00	22.88 1.44 0.00	22.25 1.28 0.00	21.82 1.25 0.00	22.43 1.51 0.00	23.61 1.63 0.00	25.08 1.77 0.00	26.67 1.95 0.00	27.25 2.04 0.00	29.25 2.19 0.00	30.29 2.24 0.00	31.58 2.37 0.00	34.40 2.72 0.00	38.97 2.85 0.00	39.18 2.83 0.00	32.96 1.98 0.00	32.39 2.12 0.00	30.95 2.21 0.00	27.22 1.99 0.00	25.52 1.69 0.00
N.QUEENS_27_KV_LOAD 356247	30.85 2.68 -0.01	27.13 2.24 -0.01	25.74 2.08 -0.01	24.04 1.72 0.00	23.25 1.54 0.00	23.18 1.74 0.00	22.46 1.49 0.00	21.97 1.40 0.00	22.56 1.63 0.00	23.77 1.78 0.00	25.31 2.00 0.00	26.87 2.15 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.60 2.55 0.00	31.87 2.66 0.00	34.46 2.79 0.00	38.90 2.78 0.00	39.18 2.83 0.00	32.77 1.80 0.00	32.33 2.06 0.00	31.44 2.70 0.00	27.78 2.55 0.00	26.08 2.24 -0.01
N.TROY___115KV_TB1 355778	29.66 1.49 0.00	26.13 1.24 0.00	24.83 1.18 0.00	23.39 1.07 0.00	22.69 0.98 0.00	22.47 1.03 0.00	21.87 0.90 0.00	21.31 0.74 0.00	21.79 0.86 0.00	22.89 0.90 0.00	24.21 0.91 0.00	25.73 1.01 0.00	26.22 1.01 0.00	28.19 1.14 0.00	29.19 1.15 0.00	30.44 1.23 0.00	33.20 1.52 0.00	37.71 1.59 0.00	38.05 1.71 0.00	32.37 1.39 0.00	31.73 1.45 0.00	30.12 1.38 0.00	26.36 1.14 0.00	24.83 1.00 0.00
NARROWS_GT1_1 24228	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT1_2 24229	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT1_3 24230	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT1_4 24231	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT1_5 24232	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT1_6 24233	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT1_7 24234	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT1_8 24235	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT2_1 24236	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT2_2 24237	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT2_3 24238	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT2_4 24239	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01

NARROWS_GT2_5 24240	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT2_6 24241	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT2_7 24242	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NARROWS_GT2_8 24243	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.83 1.66 0.00	26.25 1.37 0.00	24.95 1.30 0.00	23.48 1.16 0.00	22.84 1.13 0.00	22.58 1.14 0.00	21.91 0.94 0.00	21.33 0.76 0.00	21.70 0.77 0.00	22.78 0.79 0.00	24.14 0.84 0.00	25.63 0.91 0.00	26.12 0.91 0.00	28.14 1.08 0.00	29.19 1.15 0.00	30.41 1.20 0.00	33.32 1.65 0.00	37.93 1.81 0.00	38.38 2.04 0.00	32.68 1.70 0.00	31.97 1.70 0.00	30.26 1.52 0.00	26.46 1.24 0.00	24.88 1.05 0.00
NCHELSEA_115KV_TR2 355582	30.39 2.22 0.00	26.77 1.89 0.00	25.42 1.77 0.00	23.84 1.52 0.00	23.17 1.45 0.00	22.98 1.54 0.00	22.33 1.36 0.00	21.87 1.30 0.00	22.41 1.49 0.00	23.61 1.63 0.00	25.03 1.72 0.00	26.60 1.88 0.00	27.15 1.94 0.00	29.17 2.11 0.00	30.26 2.22 0.00	31.52 2.31 0.00	34.40 2.72 0.00	39.01 2.89 0.00	39.32 2.98 0.00	33.08 2.11 0.00	32.48 2.21 0.00	30.98 2.24 0.00	27.25 2.02 0.00	25.55 1.72 0.00
NEG CAPITAL___MECHNVIL 23645	29.99 1.83 0.00	26.40 1.52 0.00	25.07 1.42 0.00	23.62 1.29 0.00	22.95 1.24 0.00	22.70 1.26 0.00	22.20 1.24 0.00	21.54 0.97 0.00	21.99 1.07 0.00	23.15 1.16 0.00	24.49 1.19 0.00	26.00 1.28 0.00	26.50 1.29 0.00	28.49 1.43 0.00	29.53 1.49 0.00	30.79 1.58 0.00	33.48 1.80 0.00	38.18 2.06 0.00	38.56 2.22 0.00	32.90 1.92 0.00	32.21 1.94 0.00	30.49 1.75 0.00	26.72 1.49 0.00	25.14 1.31 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.92 -0.42 -0.18	24.80 -0.12 -0.04	23.44 -0.21 0.00	22.19 -0.13 0.00	21.67 -0.04 0.00	21.16 -0.28 0.00	20.76 -0.21 0.00	20.22 -0.35 0.00	20.89 -0.04 0.00	22.03 0.04 0.00	23.48 0.09 -0.08	24.86 0.00 -0.14	25.34 0.00 -0.13	27.30 0.03 -0.21	28.33 0.03 -0.26	29.52 0.00 -0.31	32.02 0.00 -0.34	36.42 -0.29 -0.59	36.55 -0.43 -0.64	31.61 0.22 -0.42	30.66 0.00 -0.38	29.10 0.06 -0.31	25.29 -0.10 -0.16	24.14 0.19 -0.11
NEG CENTRAL___DRP 24199	28.87 0.23 -0.48	25.31 0.32 -0.11	23.89 0.24 0.00	22.59 0.27 0.00	22.04 0.33 0.00	21.61 0.17 0.00	20.99 0.02 0.00	20.53 -0.04 0.00	21.14 0.21 0.00	22.32 0.33 0.00	23.94 0.42 -0.22	25.47 0.37 -0.38	25.94 0.38 -0.35	28.03 0.41 -0.56	29.18 0.45 -0.69	30.47 0.44 -0.82	32.81 0.22 -0.91	38.15 0.47 -1.56	38.49 0.44 -1.71	32.76 0.68 -1.11	31.87 0.58 -1.02	30.01 0.46 -0.82	26.07 0.40 -0.43	24.68 0.55 -0.30
NEG CENTRAL___INDECK 23768	29.23 1.07 0.00	26.17 1.29 0.00	24.74 1.09 0.00	23.44 1.12 0.00	22.93 1.22 0.00	22.32 0.88 0.00	21.83 0.86 0.00	20.92 0.35 0.00	21.45 0.52 0.00	22.49 0.51 0.00	23.82 0.51 0.00	25.11 0.39 0.00	25.64 0.43 0.00	27.57 0.51 0.00	28.69 0.65 0.00	29.85 0.64 0.00	32.47 0.79 0.00	36.88 0.76 0.00	37.33 0.98 0.00	33.02 2.04 0.00	32.09 1.82 0.00	30.55 1.81 0.00	26.56 1.34 0.00	25.52 1.69 0.00
NEG CENTRAL___SENECA 23627	28.86 0.45 -0.24	25.51 0.57 -0.05	24.10 0.45 0.00	22.77 0.45 0.00	22.25 0.54 0.00	21.78 0.34 0.00	21.13 0.17 0.00	20.63 0.06 0.00	21.32 0.40 0.00	22.54 0.55 0.00	24.07 0.65 -0.11	25.51 0.59 -0.19	26.02 0.63 -0.18	28.02 0.68 -0.29	29.12 0.73 -0.35	30.35 0.73 -0.41	32.55 0.41 -0.46	37.63 0.72 -0.79	37.86 0.65 -0.86	32.56 1.02 -0.56	31.67 0.88 -0.51	29.87 0.72 -0.41	26.08 0.63 -0.22	24.82 0.83 -0.15
NEG CENTRAL___STATE_STREET 24147	29.08 0.23 -0.69	25.31 0.27 -0.15	23.84 0.19 0.00	22.52 0.20 0.00	21.97 0.26 0.00	21.61 0.17 0.00	20.99 0.02 0.00	20.57 0.00 0.00	21.14 0.21 0.00	22.29 0.31 0.00	24.01 0.40 -0.31	25.61 0.35 -0.55	26.06 0.35 -0.50	28.27 0.41 -0.81	29.45 0.42 -0.98	30.79 0.41 -1.17	33.33 0.35 -1.30	38.97 0.61 -2.24	39.33 0.55 -2.44	33.24 0.68 -1.58	32.27 0.54 -1.46	30.33 0.43 -1.17	26.23 0.38 -0.62	24.72 0.45 -0.43
NEG MILLWOOD___DRP 24198	30.50 2.34 0.00	26.82 1.94 0.00	25.45 1.80 0.00	23.88 1.56 0.00	23.27 1.56 0.00	23.09 1.65 0.00	22.43 1.47 0.00	22.05 1.48 0.00	22.52 1.59 0.00	23.75 1.76 0.00	25.19 1.89 0.00	26.75 2.03 0.00	27.33 2.12 0.00	29.33 2.27 0.00	30.51 2.47 0.00	31.78 2.57 0.00	34.68 3.01 0.00	39.33 3.21 0.00	39.69 3.34 0.00	33.24 2.26 0.00	32.63 2.36 0.00	31.09 2.36 0.00	27.35 2.12 0.00	25.67 1.84 0.00
NEG NORTH_FLCN_SEA 23793	28.02 -0.14 0.00	24.73 -0.15 0.00	23.53 -0.12 0.00	22.21 -0.11 0.00	21.60 -0.11 0.00	21.35 -0.09 0.00	21.05 0.08 0.00	20.82 0.25 0.00	20.97 0.04 0.00	21.99 0.00 0.00	23.23 -0.07 0.00	24.62 -0.10 0.00	25.11 -0.10 0.00	26.95 -0.11 0.00	27.90 -0.14 0.00	29.03 -0.18 0.00	31.39 -0.29 0.00	35.98 -0.14 0.00	36.27 -0.07 0.00	30.91 -0.06 0.00	30.06 -0.21 0.00	28.42 -0.32 0.00	24.90 -0.33 0.00	23.50 -0.33 0.00
NEG NORTH_KES_CHATEGAY 23792	27.74 -0.42 0.00	24.48 -0.40 0.00	23.30 -0.35 0.00	21.99 -0.33 0.00	21.39 -0.33 0.00	21.12 -0.32 0.00	20.84 -0.13 0.00	20.59 0.02 0.00	20.74 -0.19 0.00	21.72 -0.26 0.00	22.98 -0.33 0.00	24.32 -0.40 0.00	24.83 -0.38 0.00	26.65 -0.41 0.00	27.60 -0.45 0.00	28.71 -0.50 0.00	31.04 -0.63 0.00	35.54 -0.58 0.00	35.84 -0.51 0.00	30.54 -0.43 0.00	29.76 -0.51 0.00	28.13 -0.60 0.00	24.65 -0.58 0.00	23.26 -0.57 0.00



NEG NORTH___ALICE_FALLS 23915	27.94 -0.23 0.00	24.66 -0.22 0.00	23.46 -0.19 0.00	22.14 -0.18 0.00	21.54 -0.17 0.00	21.27 -0.17 0.00	20.99 0.02 0.00	20.75 0.19 0.00	20.93 0.00 0.00	21.90 -0.09 0.00	23.16 -0.14 0.00	24.52 -0.20 0.00	25.03 -0.18 0.00	26.87 -0.19 0.00	27.82 -0.22 0.00	28.95 -0.26 0.00	31.30 -0.38 0.00	35.90 -0.22 0.00	36.20 -0.15 0.00	30.88 -0.09 0.00	30.03 -0.24 0.00	28.36 -0.37 0.00	24.82 -0.40 0.00	23.45 -0.38 0.00
NEG NORTH___LWR_SARANAC 23913	27.94 -0.23 0.00	24.66 -0.22 0.00	23.46 -0.19 0.00	22.14 -0.18 0.00	21.54 -0.17 0.00	21.27 -0.17 0.00	20.99 0.02 0.00	20.75 0.19 0.00	20.93 0.00 0.00	21.90 -0.09 0.00	23.16 -0.14 0.00	24.52 -0.20 0.00	25.03 -0.18 0.00	26.87 -0.19 0.00	27.82 -0.22 0.00	28.95 -0.26 0.00	31.30 -0.38 0.00	35.90 -0.22 0.00	36.20 -0.15 0.00	30.88 -0.09 0.00	30.03 -0.24 0.00	28.36 -0.37 0.00	24.82 -0.40 0.00	23.45 -0.38 0.00
NEG NORTH___PLATTSBURG 23628	27.97 -0.20 0.00	24.66 -0.22 0.00	23.46 -0.19 0.00	22.12 -0.20 0.00	21.54 -0.17 0.00	21.27 -0.17 0.00	20.80 -0.17 0.00	20.71 0.15 0.00	20.89 -0.04 0.00	21.90 -0.09 0.00	23.17 -0.14 0.00	24.52 -0.20 0.00	25.03 -0.18 0.00	26.87 -0.19 0.00	27.82 -0.23 0.00	28.95 -0.26 0.00	31.26 -0.41 0.00	35.90 -0.22 0.00	36.20 -0.14 0.00	30.88 -0.09 0.00	30.03 -0.24 0.00	28.36 -0.37 0.00	24.82 -0.40 0.00	23.45 -0.38 0.00
NEG WEST_LEA_LOCKPORT 23791	28.28 0.11 0.00	25.30 0.42 0.00	24.08 0.43 0.00	22.77 0.45 0.00	22.23 0.52 0.00	21.59 0.15 0.00	20.78 -0.19 0.00	20.01 -0.56 0.00	20.99 0.06 0.00	22.40 0.42 0.00	23.91 0.61 0.00	25.16 0.44 0.00	25.66 0.45 0.00	27.52 0.46 0.00	28.58 0.53 0.00	29.68 0.47 0.00	31.42 -0.25 0.00	35.87 -0.25 0.00	35.84 -0.51 0.00	31.63 0.65 0.00	30.61 0.33 0.00	28.85 0.11 0.00	25.48 0.25 0.00	24.86 1.02 0.00
NEG WEST___LANCASTR 23811	28.47 0.31 0.00	25.48 0.60 0.00	24.17 0.52 0.00	22.84 0.51 0.00	22.38 0.67 0.00	21.72 0.28 0.00	20.99 0.02 0.00	20.26 -0.31 0.00	21.28 0.36 0.00	22.69 0.70 0.00	24.19 0.89 0.00	25.51 0.79 0.00	26.02 0.81 0.00	27.90 0.84 0.00	28.97 0.93 0.00	30.06 0.85 0.00	31.99 0.32 0.00	36.52 0.40 0.00	36.45 0.11 0.00	32.03 1.05 0.00	30.97 0.70 0.00	29.20 0.46 0.00	25.68 0.45 0.00	25.00 1.17 0.00
NEG_PENN_ALLEGHNY 23528	28.90 0.45 -0.29	25.47 0.52 -0.06	24.12 0.47 0.00	22.84 0.51 0.00	22.23 0.52 0.00	21.85 0.41 0.00	21.41 0.44 0.00	20.82 0.25 0.00	21.43 0.50 0.00	22.56 0.57 0.00	24.06 0.63 -0.13	25.57 0.62 -0.23	26.07 0.65 -0.21	28.07 0.68 -0.34	29.18 0.73 -0.41	30.43 0.73 -0.49	33.01 0.79 -0.54	37.84 0.79 -0.93	38.09 0.90 -1.02	32.53 0.90 -0.66	31.67 0.79 -0.61	30.00 0.78 -0.49	26.07 0.58 -0.26	24.73 0.71 -0.18
NEG___GEN_MONROE 24207	28.28 0.11 0.00	25.28 0.40 0.00	24.03 0.38 0.00	22.72 0.40 0.00	22.23 0.52 0.00	21.63 0.19 0.00	20.97 0.00 0.00	20.32 -0.25 0.00	21.09 0.17 0.00	22.43 0.44 0.00	23.91 0.61 0.00	25.21 0.49 0.00	25.66 0.45 0.00	27.57 0.51 0.00	28.61 0.56 0.00	29.82 0.61 0.00	31.87 0.19 0.00	36.37 0.25 0.00	36.45 0.11 0.00	31.81 0.84 0.00	30.85 0.58 0.00	29.14 0.40 0.00	25.63 0.40 0.00	24.62 0.79 0.00
NEPA___ENERGY 23901	28.59 0.42 0.00	25.60 0.72 0.00	24.29 0.64 0.00	22.95 0.63 0.00	22.49 0.78 0.00	21.85 0.41 0.00	21.11 0.15 0.00	20.49 -0.08 0.00	21.51 0.59 0.00	22.93 0.95 0.00	24.45 1.14 0.00	25.78 1.06 0.00	26.29 1.08 0.00	28.19 1.14 0.00	29.28 1.23 0.00	30.38 1.17 0.00	32.34 0.67 0.00	36.91 0.79 0.00	36.82 0.47 0.00	32.34 1.36 0.00	31.27 1.00 0.00	29.48 0.75 0.00	25.93 0.71 0.00	25.12 1.29 0.00
NEVERSINK___HYD 23608	30.02 1.86 0.00	26.43 1.54 0.00	25.07 1.42 0.00	23.50 1.18 0.00	22.84 1.13 0.00	22.66 1.22 0.00	22.16 1.19 0.00	21.54 0.97 0.00	22.08 1.15 0.00	23.22 1.23 0.00	24.63 1.33 0.00	26.18 1.46 0.00	26.72 1.51 0.00	28.71 1.65 0.00	29.78 1.74 0.00	31.05 1.84 0.00	33.73 2.06 0.00	38.54 2.42 0.00	38.89 2.54 0.00	32.71 1.73 0.00	32.12 1.85 0.00	30.55 1.81 0.00	26.94 1.72 0.00	25.26 1.43 0.00
NEWKRMKL_115KV_TB1 55635	29.21 1.04 0.00	25.73 0.85 0.00	24.45 0.80 0.00	23.04 0.71 0.00	22.36 0.65 0.00	22.15 0.71 0.00	21.55 0.59 0.00	21.06 0.49 0.00	21.47 0.54 0.00	22.56 0.57 0.00	23.89 0.58 0.00	25.39 0.67 0.00	25.92 0.71 0.00	27.87 0.81 0.00	28.86 0.81 0.00	30.09 0.88 0.00	32.82 1.14 0.00	37.24 1.12 0.00	37.54 1.20 0.00	31.91 0.93 0.00	31.24 0.97 0.00	29.66 0.92 0.00	25.98 0.76 0.00	24.48 0.64 0.00
NEWTON___FALLS_HYD 23847	28.42 0.00 -0.25	24.91 -0.02 -0.06	23.58 -0.07 0.00	22.26 -0.07 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.95 -0.02 0.00	20.61 0.04 0.00	20.86 -0.06 0.00	21.79 -0.20 0.00	23.21 -0.21 -0.12	24.68 -0.25 -0.20	25.09 -0.30 -0.19	27.03 -0.32 -0.30	28.10 -0.31 -0.36	29.32 -0.32 -0.43	31.81 -0.35 -0.48	36.84 -0.11 -0.83	37.25 0.00 -0.90	31.69 0.12 -0.59	30.90 0.09 -0.54	29.23 0.06 -0.43	25.43 -0.03 -0.23	23.95 -0.05 -0.16
NGRID_A1_DSASP 323792	27.71 -0.45 0.00	25.06 0.18 0.00	23.49 -0.16 0.00	22.52 0.20 0.00	21.80 0.09 0.00	21.08 -0.36 0.00	20.78 -0.19 0.00	19.97 -0.60 0.00	20.84 -0.08 0.00	22.03 0.04 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	31.42 -0.25 0.00	34.82 -1.30 0.00	34.85 -1.49 0.00	30.88 -0.09 0.00	29.91 -0.36 0.00	28.62 -0.11 0.00	24.95 -0.28 0.00	24.48 0.64 0.00
NGRID_A2_DSASP 323793	27.71 -0.45 0.00	25.06 0.18 0.00	23.49 -0.16 0.00	22.52 0.20 0.00	21.80 0.09 0.00	21.08 -0.36 0.00	20.78 -0.19 0.00	19.97 -0.60 0.00	20.84 -0.08 0.00	22.03 0.04 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	31.42 -0.25 0.00	34.82 -1.30 0.00	34.85 -1.49 0.00	30.88 -0.09 0.00	29.91 -0.36 0.00	28.62 -0.11 0.00	24.95 -0.28 0.00	24.48 0.64 0.00
NGRID_A4_DSASP 323807	27.57 -0.59 0.00	25.06 0.17 0.00	23.48 -0.17 0.00	22.21 -0.11 0.00	22.04 0.33 0.00	21.08 -0.36 0.00	20.32 -0.65 0.00	19.60 -0.97 0.00	20.57 -0.36 0.00	21.96 -0.02 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	30.73 -0.95 0.00	35.07 -1.05 0.00	35.00 -1.34 0.00	30.91 -0.06 0.00	29.94 -0.33 0.00	28.25 -0.49 0.00	24.95 -0.28 0.00	24.29 0.45 0.00
NIAGARA_115E_LBMP 323715	27.54 -0.62 0.00	24.83 -0.05 0.00	23.79 0.14 0.00	22.34 0.02 0.00	22.10 0.39 0.00	21.35 -0.09 0.00	20.97 0.00 0.00	20.03 -0.53 0.00	20.91 -0.02 0.00	22.10 0.11 0.00	23.47 0.16 0.00	24.74 0.02 0.00	25.18 -0.03 0.00	27.03 -0.03 0.00	28.07 0.03 0.00	29.12 -0.09 0.00	31.52 -0.16 0.00	34.96 -1.16 0.00	35.00 -1.34 0.00	31.01 0.03 0.00	30.00 -0.27 0.00	28.71 -0.03 0.00	25.02 -0.20 0.00	24.38 0.55 0.00

NIAGARA_115W_LBMP 323714	27.66 -0.51 0.00	25.01 0.13 0.00	23.41 -0.24 0.00	22.48 0.16 0.00	21.73 0.02 0.00	21.01 -0.43 0.00	20.74 -0.23 0.00	19.93 -0.64 0.00	20.78 -0.15 0.00	21.96 -0.02 0.00	23.35 0.05 0.00	24.60 -0.12 0.00	25.06 -0.15 0.00	26.90 -0.16 0.00	27.93 -0.11 0.00	28.98 -0.23 0.00	31.33 -0.35 0.00	34.75 -1.37 0.00	34.78 -1.56 0.00	30.79 -0.18 0.00	29.82 -0.45 0.00	28.54 -0.20 0.00	24.87 -0.35 0.00	24.40 0.57 0.00
NIAGARA_230_LBMP 323716	27.77 -0.39 0.00	25.03 0.15 0.00	23.72 0.07 0.00	22.52 0.20 0.00	22.01 0.30 0.00	21.29 -0.15 0.00	20.99 0.02 0.00	20.18 -0.39 0.00	21.05 0.13 0.00	22.25 0.26 0.00	23.65 0.35 0.00	24.92 0.20 0.00	25.39 0.18 0.00	27.25 0.19 0.00	28.27 0.22 0.00	29.36 0.15 0.00	31.77 0.10 0.00	35.25 -0.87 0.00	35.29 -1.06 0.00	31.22 0.25 0.00	30.21 -0.06 0.00	28.91 0.17 0.00	25.20 -0.03 0.00	24.55 0.71 0.00
NIAGARA__115KV_198_GIBSON 55903	27.49 -0.68 0.00	25.01 0.12 0.00	23.41 -0.24 0.00	22.14 -0.18 0.00	21.99 0.28 0.00	21.01 -0.43 0.00	20.25 -0.71 0.00	19.56 -1.01 0.00	20.51 -0.42 0.00	21.90 -0.09 0.00	23.35 0.05 0.00	24.60 -0.12 0.00	25.06 -0.15 0.00	26.90 -0.16 0.00	27.93 -0.11 0.00	28.98 -0.23 0.00	30.63 -1.05 0.00	34.96 -1.16 0.00	34.89 -1.45 0.00	30.82 -0.15 0.00	29.85 -0.42 0.00	28.16 -0.57 0.00	24.87 -0.35 0.00	24.21 0.38 0.00
NIAGARA____ 23760	27.60 -0.56 0.00	24.88 0.00 0.00	23.53 -0.12 0.00	22.39 0.07 0.00	21.84 0.13 0.00	21.12 -0.32 0.00	20.82 -0.15 0.00	20.02 -0.55 0.00	20.89 -0.04 0.00	22.07 0.09 0.00	23.47 0.16 0.00	24.72 0.00 0.00	25.18 -0.03 0.00	27.03 -0.03 0.00	28.07 0.03 0.00	29.12 -0.09 0.00	31.52 -0.16 0.00	35.00 -1.12 0.00	35.00 -1.34 0.00	30.98 0.00 0.00	30.00 -0.27 0.00	28.68 -0.06 0.00	25.00 -0.23 0.00	24.40 0.57 0.00
NINE_MILE_1 23575	23.04 -0.84 4.28	23.25 -0.70 0.94	22.99 -0.66 0.00	21.72 -0.60 0.00	21.17 -0.54 0.00	20.84 -0.60 0.00	20.38 -0.59 0.00	19.95 -0.62 0.00	20.38 -0.54 0.00	21.41 -0.57 0.00	20.75 -0.61 1.95	20.63 -0.67 3.42	21.41 -0.68 3.12	21.29 -0.73 5.03	21.16 -0.76 6.12	21.12 -0.79 7.31	22.71 -0.85 8.11	21.18 -1.01 13.93	20.08 -1.06 15.21	20.37 -0.74 9.87	20.41 -0.79 9.08	20.72 -0.75 7.27	20.67 -0.68 3.87	20.55 -0.57 2.71
NINE_MILE_2 23744	22.97 -0.84 4.35	23.23 -0.70 0.95	22.99 -0.66 0.00	21.72 -0.60 0.00	21.17 -0.54 0.00	20.84 -0.60 0.00	20.38 -0.59 0.00	19.95 -0.62 0.00	20.38 -0.54 0.00	21.41 -0.57 0.00	20.72 -0.61 1.98	20.58 -0.67 3.47	21.37 -0.68 3.16	21.22 -0.73 5.11	21.07 -0.76 6.22	21.01 -0.79 7.42	22.59 -0.85 8.23	20.97 -1.01 14.14	19.85 -1.06 15.44	20.22 -0.74 10.02	20.27 -0.79 9.21	20.61 -0.75 7.38	20.62 -0.68 3.93	20.51 -0.57 2.75
NM_CAPITAL____DRP 24208	29.29 1.13 0.00	25.80 0.92 0.00	24.52 0.88 0.00	23.10 0.78 0.00	22.43 0.72 0.00	22.21 0.77 0.00	21.62 0.65 0.00	21.08 0.51 0.00	21.53 0.61 0.00	22.60 0.62 0.00	23.93 0.63 0.00	25.46 0.74 0.00	25.97 0.76 0.00	27.90 0.84 0.00	28.91 0.87 0.00	30.14 0.93 0.00	32.85 1.17 0.00	37.31 1.19 0.00	37.58 1.24 0.00	31.94 0.96 0.00	31.30 1.03 0.00	29.74 1.01 0.00	26.03 0.81 0.00	24.52 0.69 0.00
NM_CENTRAL____DRP 24181	28.30 -0.28 -0.41	24.82 -0.15 -0.09	23.51 -0.14 0.00	22.21 -0.11 0.00	21.62 -0.09 0.00	21.29 -0.15 0.00	20.72 -0.25 0.00	20.28 -0.29 0.00	20.80 -0.13 0.00	21.90 -0.09 0.00	23.45 -0.05 -0.19	24.97 -0.07 -0.33	25.38 -0.13 -0.30	27.38 -0.16 -0.49	28.47 -0.17 -0.59	29.74 -0.18 -0.70	32.17 -0.29 -0.78	37.25 -0.22 -1.34	37.52 -0.29 -1.47	31.87 -0.06 -0.95	31.00 -0.15 -0.87	29.24 -0.20 -0.70	25.47 -0.13 -0.37	24.09 0.00 -0.26
NM_FRONTIER____DRP 24179	27.49 -0.68 0.00	25.01 0.12 0.00	23.41 -0.24 0.00	22.14 -0.18 0.00	21.99 0.28 0.00	21.01 -0.43 0.00	20.25 -0.71 0.00	19.56 -1.01 0.00	20.51 -0.42 0.00	21.90 -0.09 0.00	23.35 0.05 0.00	24.60 -0.12 0.00	25.06 -0.15 0.00	26.90 -0.16 0.00	27.93 -0.11 0.00	28.98 -0.23 0.00	30.63 -1.05 0.00	34.96 -1.16 0.00	34.89 -1.45 0.00	30.82 -0.15 0.00	29.85 -0.42 0.00	28.16 -0.57 0.00	24.87 -0.35 0.00	24.21 0.38 0.00
NM_ST_REGIS____HYD 24053	27.77 -0.51 -0.11	24.41 -0.50 -0.03	23.15 -0.50 0.00	21.85 -0.47 0.00	21.23 -0.48 0.00	20.97 -0.47 0.00	20.72 -0.25 0.00	20.49 -0.08 0.00	20.61 -0.31 0.00	21.55 -0.44 0.00	22.87 -0.49 -0.05	24.27 -0.54 -0.09	24.71 -0.58 -0.08	26.57 -0.62 -0.13	27.56 -0.65 -0.16	28.73 -0.67 -0.20	31.10 -0.79 -0.22	35.84 -0.65 -0.37	36.17 -0.58 -0.41	30.78 -0.46 -0.26	29.97 -0.54 -0.24	28.33 -0.60 -0.19	24.75 -0.58 -0.10	23.33 -0.57 -0.07
NORTHPORT____1 23551	34.05 2.96 -2.93	30.84 2.51 -3.45	27.18 2.39 -1.14	24.29 1.96 0.00	23.58 1.87 0.00	23.37 1.93 0.00	22.79 1.82 0.00	22.32 1.75 0.00	23.06 2.14 0.00	24.05 2.07 0.00	28.17 2.33 -2.53	28.55 2.50 -1.34	32.47 2.57 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	40.06 3.09 -7.76	41.75 3.23 -6.84	42.69 3.58 -3.00	43.79 3.34 -4.10	42.48 2.54 -8.96	41.10 2.78 -8.04	34.66 2.73 -3.19	30.01 2.65 -2.14	27.33 2.36 -1.14
NORTHPORT____2 23552	34.05 2.96 -2.93	30.84 2.51 -3.45	27.18 2.39 -1.14	24.29 1.96 0.00	23.58 1.87 0.00	23.37 1.93 0.00	22.79 1.82 0.00	22.32 1.75 0.00	23.06 2.14 0.00	24.05 2.07 0.00	28.17 2.33 -2.53	28.55 2.50 -1.34	32.47 2.57 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	40.06 3.09 -7.76	41.75 3.23 -6.84	42.69 3.58 -3.00	43.79 3.34 -4.10	42.48 2.54 -8.96	41.10 2.78 -8.04	34.66 2.73 -3.19	30.01 2.65 -2.14	27.33 2.36 -1.14
NORTHPORT____3 23553	34.08 2.98 -2.93	30.87 2.54 -3.45	27.15 2.36 -1.14	24.29 1.96 0.00	23.56 1.84 0.00	23.35 1.91 0.00	22.79 1.82 0.00	22.28 1.71 0.00	23.02 2.09 0.00	24.10 2.11 0.00	28.22 2.38 -2.53	28.65 2.59 -1.34	32.59 2.70 -4.69	34.76 2.90 -4.80	37.92 3.00 -6.87	40.18 3.21 -7.76	41.87 3.36 -6.84	42.73 3.61 -3.00	44.56 3.60 -4.62	42.57 2.63 -8.96	41.25 2.94 -8.04	34.75 2.82 -3.19	30.11 2.75 -2.14	27.41 2.43 -1.14
NORTHPORT____4 23650	34.08 2.98 -2.93	30.87 2.54 -3.45	27.15 2.36 -1.14	24.29 1.96 0.00	23.56 1.84 0.00	23.35 1.91 0.00	22.79 1.82 0.00	22.28 1.71 0.00	23.02 2.09 0.00	24.10 2.11 0.00	28.22 2.38 -2.53	28.65 2.59 -1.34	32.59 2.70 -4.69	34.76 2.90 -4.80	37.92 3.00 -6.87	40.18 3.21 -7.76	41.87 3.36 -6.84	42.73 3.61 -3.00	44.56 3.60 -4.62	42.57 2.63 -8.96	41.25 2.94 -8.04	34.75 2.82 -3.19	30.11 2.75 -2.14	27.41 2.43 -1.14
NORTHPORT____IC 23718	34.05 2.96 -2.93	30.84 2.51 -3.45	27.18 2.39 -1.14	24.29 1.96 0.00	23.58 1.87 0.00	23.37 1.93 0.00	22.79 1.82 0.00	22.32 1.75 0.00	23.06 2.14 0.00	24.05 2.07 0.00	28.17 2.33 -2.53	28.55 2.50 -1.34	32.47 2.57 -4.69	34.65 2.79 -4.80	37.78 2.86 -6.87	40.06 3.09 -7.76	41.75 3.23 -6.84	42.69 3.58 -3.00	43.79 3.34 -4.10	42.48 2.54 -8.96	41.10 2.78 -8.04	34.66 2.73 -3.19	30.01 2.65 -2.14	27.33 2.36 -1.14

NORTH__COUNTRY_ESR 323785	27.68 -0.48 0.00	24.43 -0.45 0.00	23.25 -0.40 0.00	21.94 -0.38 0.00	21.34 -0.37 0.00	21.10 -0.34 0.00	20.63 -0.34 0.00	20.53 -0.04 0.00	20.68 -0.25 0.00	21.68 -0.31 0.00	22.96 -0.35 0.00	24.30 -0.42 0.00	24.81 -0.40 0.00	26.62 -0.43 0.00	27.57 -0.48 0.00	28.69 -0.52 0.00	31.01 -0.67 0.00	35.51 -0.61 0.00	35.76 -0.58 0.00	30.48 -0.50 0.00	29.67 -0.61 0.00	28.05 -0.69 0.00	24.60 -0.63 0.00	23.21 -0.62 0.00
NPX_GEN_1385_PROXY 323591	33.49 2.39 -2.93	30.35 2.01 -3.45	26.84 2.06 -1.14	23.97 1.65 0.00	23.45 1.74 0.00	23.24 1.80 0.00	22.66 1.70 0.00	22.19 1.62 0.00	22.94 2.01 0.00	23.92 1.94 0.00	27.94 2.10 -2.53	28.31 2.25 -1.34	31.99 2.09 -4.69	34.11 2.24 -4.80	37.24 2.33 -6.87	39.48 2.51 -7.76	41.15 2.63 -6.84	42.04 2.92 -3.00	42.37 2.44 -3.59	42.07 1.61 -9.48	40.31 2.00 -8.04	34.14 2.21 -3.19	29.58 2.22 -2.14	26.90 1.93 -1.14
NPX_GEN_CSC 323557	34.56 3.46 -2.93	31.34 3.01 -3.45	27.60 2.81 -1.14	24.69 2.37 0.00	23.93 2.22 0.00	23.69 2.25 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.54 2.62 0.00	24.10 2.11 0.00	28.22 2.38 -2.53	28.58 2.52 -1.34	32.57 2.67 -4.69	34.79 2.92 -4.80	37.94 3.03 -6.87	40.30 3.33 -7.76	42.13 3.61 -6.84	43.30 4.19 -3.00	63.47 4.14 -22.98	43.58 3.13 -9.48	41.49 3.18 -8.04	34.86 2.93 -3.19	30.19 2.82 -2.14	27.50 2.53 -1.14
NSINS_S_GLNS_FALLS 23858	29.97 1.80 0.00	26.35 1.47 0.00	25.02 1.37 0.00	23.59 1.27 0.00	22.93 1.22 0.00	22.68 1.24 0.00	22.06 1.09 0.00	21.56 0.99 0.00	22.04 1.11 0.00	23.17 1.19 0.00	24.40 1.10 0.00	25.83 1.11 0.00	26.27 1.06 0.00	28.22 1.16 0.00	29.25 1.21 0.00	30.47 1.26 0.00	33.29 1.62 0.00	37.85 1.73 0.00	38.49 2.14 0.00	32.93 1.95 0.00	32.27 2.00 0.00	30.66 1.93 0.00	26.72 1.49 0.00	25.14 1.31 0.00
NUCOR_STEEL__DRP 24197	29.19 0.28 -0.74	25.39 0.35 -0.16	23.93 0.28 0.00	22.61 0.29 0.00	22.01 0.30 0.00	21.68 0.24 0.00	21.05 0.08 0.00	20.63 0.06 0.00	21.18 0.25 0.00	22.32 0.33 0.00	24.04 0.40 -0.34	25.66 0.35 -0.59	26.10 0.35 -0.54	28.31 0.38 -0.87	29.50 0.39 -1.06	30.86 0.38 -1.27	33.40 0.32 -1.41	39.12 0.58 -2.42	39.49 0.51 -2.64	33.34 0.65 -1.71	32.36 0.51 -1.58	30.43 0.43 -1.26	26.28 0.38 -0.67	24.76 0.45 -0.47
NUMBER_THREE_WT_PWR 323818	29.03 0.56 -0.30	25.45 0.50 -0.07	24.08 0.43 0.00	22.72 0.40 0.00	22.08 0.37 0.00	21.76 0.32 0.00	21.30 0.33 0.00	20.88 0.31 0.00	21.26 0.33 0.00	22.16 0.18 0.00	23.65 0.21 -0.14	25.16 0.20 -0.24	25.58 0.15 -0.22	27.58 0.16 -0.36	28.70 0.22 -0.43	29.96 0.23 -0.52	32.57 0.32 -0.58	37.72 0.61 -0.99	38.19 0.76 -1.08	32.51 0.84 -0.70	31.74 0.82 -0.64	30.03 0.78 -0.52	26.06 0.55 -0.28	24.55 0.52 -0.19
NYISO_LBMP_REFERENCE 24008	28.16 0.00 0.00	24.88 0.00 0.00	23.65 0.00 0.00	22.32 0.00 0.00	21.71 0.00 0.00	21.44 0.00 0.00	20.97 0.00 0.00	20.57 0.00 0.00	20.93 0.00 0.00	21.99 0.00 0.00	23.30 0.00 0.00	24.72 0.00 0.00	25.21 0.00 0.00	27.06 0.00 0.00	28.04 0.00 0.00	29.21 0.00 0.00	31.68 0.00 0.00	36.12 0.00 0.00	36.34 0.00 0.00	30.98 0.00 0.00	30.27 0.00 0.00	28.74 0.00 0.00	25.23 0.00 0.00	23.83 0.00 0.00
NYPA_BRENTWD__GT 24164	34.59 3.49 -2.93	31.29 2.96 -3.45	27.58 2.79 -1.14	24.64 2.32 0.00	23.90 2.19 0.00	23.67 2.23 0.00	23.08 2.12 0.00	22.59 2.02 0.00	23.35 2.43 0.00	24.36 2.38 0.00	28.49 2.66 -2.53	28.90 2.84 -1.34	32.89 3.00 -4.69	35.11 3.25 -4.80	38.28 3.36 -6.87	40.59 3.62 -7.76	42.38 3.86 -6.84	43.48 4.37 -3.00	68.55 4.25 -27.96	43.22 3.28 -8.96	41.74 3.42 -8.04	35.18 3.25 -3.19	30.47 3.10 -2.14	27.76 2.79 -1.14
NYPA_GOWANUS__GT5 24156	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NYPA_GOWANUS__GT6 24157	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.37 1.65 -0.01	23.22 1.78 0.00	22.62 1.66 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.67 0.00	32.01 2.80 0.00	34.46 2.79 0.00	39.30 3.18 0.00	39.50 3.16 0.00	32.99 2.01 0.00	32.57 2.30 0.00	31.12 2.38 0.00	27.82 2.57 -0.02	26.08 2.24 -0.01
NYPA_HARLEM_RVR_GT1 24160	30.79 2.62 -0.01	27.10 2.21 -0.01	25.69 2.03 -0.01	24.00 1.68 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.54 1.57 0.00	21.87 1.30 0.00	22.47 1.55 0.01	23.67 1.69 0.01	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.54 2.50 0.00	31.81 2.60 0.00	34.05 2.38 0.00	38.83 2.71 0.00	39.07 2.73 0.00	32.67 1.70 0.01	32.23 1.97 0.01	30.98 2.24 0.00	27.73 2.50 0.00	26.01 2.17 -0.01
NYPA_HARLEM_RVR_GT2 24161	30.79 2.62 -0.01	27.10 2.21 -0.01	25.69 2.03 -0.01	24.00 1.68 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.54 1.57 0.00	21.87 1.30 0.00	22.47 1.55 0.01	23.67 1.69 0.01	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.54 2.50 0.00	31.81 2.60 0.00	34.05 2.38 0.00	38.83 2.71 0.00	39.07 2.73 0.00	32.67 1.70 0.01	32.23 1.97 0.01	30.98 2.24 0.00	27.73 2.50 0.00	26.01 2.17 -0.01
NYPA_KENT__GT 24152	30.81 2.65 0.00	27.13 2.24 0.00	25.71 2.06 0.00	24.05 1.72 0.00	23.32 1.61 0.00	23.18 1.74 0.00	22.60 1.64 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.36 2.05 0.00	26.97 2.25 0.00	27.61 2.40 0.00	29.60 2.54 0.00	30.65 2.61 0.00	31.95 2.74 0.00	34.40 2.72 0.00	39.19 3.07 0.00	39.40 3.05 0.00	32.96 1.98 0.00	32.51 2.24 0.00	31.09 2.36 0.00	27.73 2.50 -0.01	26.01 2.17 0.00
NYPA_POUCH1__GT 24155	30.81 2.65 0.00	27.15 2.26 -0.01	25.76 2.10 -0.01	24.12 1.79 -0.01	23.39 1.67 -0.01	23.20 1.76 0.00	22.58 1.61 0.00	21.89 1.32 0.00	22.50 1.57 0.00	23.73 1.74 0.00	25.29 1.98 0.00	26.92 2.20 0.00	27.56 2.34 0.00	29.55 2.49 0.00	30.63 2.58 0.00	31.93 2.72 0.00	34.37 2.69 0.00	39.19 3.07 0.00	39.44 3.09 0.00	32.93 1.95 0.00	32.49 2.21 0.00	31.04 2.30 0.00	27.79 2.55 -0.02	26.08 2.24 -0.01
NYPA_VERNON__GT2 24162	30.73 2.56 0.00	27.05 2.16 0.00	25.64 1.99 0.00	24.00 1.68 0.00	23.25 1.54 0.00	23.13 1.69 0.00	22.60 1.64 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.58 2.37 0.00	29.58 2.52 0.00	30.62 2.58 0.00	31.93 2.72 0.00	34.34 2.66 0.00	39.12 3.00 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	31.04 2.30 0.00	27.65 2.42 0.00	25.95 2.12 0.00

NYPA_VERNON____GT3 24163	30.73 2.56 0.00	27.05 2.16 0.00	25.64 1.99 0.00	24.00 1.68 0.00	23.25 1.54 0.00	23.13 1.69 0.00	22.60 1.64 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.58 2.37 0.00	29.58 2.52 0.00	30.62 2.58 0.00	31.93 2.72 0.00	34.34 2.66 0.00	39.12 3.00 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	31.04 2.30 0.00	27.65 2.42 0.00	25.95 2.12 0.00
NYPA____ASTORIA_CC1 323568	30.70 2.54 0.00	27.02 2.14 0.00	25.61 1.96 0.00	23.95 1.63 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.56 1.59 0.00	21.93 1.36 0.00	22.54 1.61 0.00	23.75 1.76 0.00	25.31 2.00 0.00	26.90 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.53 0.00	31.84 2.63 0.00	34.24 2.56 0.00	39.01 2.89 0.00	39.21 2.87 0.00	32.83 1.86 0.00	32.39 2.12 0.00	31.01 2.27 0.00	27.63 2.40 0.00	25.90 2.07 0.00
NYPA____ASTORIA_CC2 323569	30.70 2.54 0.00	27.02 2.14 0.00	25.61 1.96 0.00	23.95 1.63 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.56 1.59 0.00	21.93 1.36 0.00	22.54 1.61 0.00	23.75 1.76 0.00	25.31 2.00 0.00	26.90 2.18 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.53 0.00	31.84 2.63 0.00	34.24 2.56 0.00	39.01 2.89 0.00	39.21 2.87 0.00	32.83 1.86 0.00	32.39 2.12 0.00	31.01 2.27 0.00	27.63 2.40 0.00	25.90 2.07 0.00
NYPA____HOLTSVILL 23794	34.45 3.35 -2.93	31.22 2.88 -3.45	27.48 2.70 -1.14	24.55 2.23 0.00	23.82 2.11 0.00	23.60 2.16 0.00	23.00 2.03 0.00	22.56 1.99 0.00	23.33 2.41 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.68 2.62 -1.34	32.64 2.75 -4.69	34.87 3.00 -4.80	38.00 3.08 -6.87	40.33 3.36 -7.76	42.10 3.58 -6.84	43.23 4.12 -3.00	63.59 4.00 -23.25	42.98 3.04 -8.96	41.46 3.15 -8.04	34.92 2.99 -3.19	30.24 2.87 -2.14	27.60 2.62 -1.14
NYPA____HELLGATE_GT1 24158	30.79 2.62 -0.01	27.10 2.21 -0.01	25.69 2.03 -0.01	24.00 1.68 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.54 1.57 0.00	21.87 1.30 0.00	22.47 1.55 0.01	23.67 1.69 0.01	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.54 2.50 0.00	31.81 2.60 0.00	34.05 2.38 0.00	38.83 2.71 0.00	39.07 2.73 0.00	32.67 1.70 0.01	32.23 1.97 0.01	30.98 2.24 0.00	27.73 2.50 0.00	26.01 2.17 -0.01
NYPA____HELLGATE_GT2 24159	30.79 2.62 -0.01	27.10 2.21 -0.01	25.69 2.03 -0.01	24.00 1.68 0.00	23.23 1.52 0.00	23.13 1.69 0.00	22.54 1.57 0.00	21.87 1.30 0.00	22.47 1.55 0.01	23.67 1.69 0.01	25.26 1.96 0.00	26.82 2.10 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.54 2.50 0.00	31.81 2.60 0.00	34.05 2.38 0.00	38.83 2.71 0.00	39.07 2.73 0.00	32.67 1.70 0.01	32.23 1.97 0.01	30.98 2.24 0.00	27.73 2.50 0.00	26.01 2.17 -0.01
NYS_BARGE____HYD 23848	28.05 -0.11 0.00	25.28 0.40 0.00	24.08 0.43 0.00	22.70 0.38 0.00	22.36 0.65 0.00	21.63 0.19 0.00	21.26 0.29 0.00	20.36 -0.21 0.00	21.26 0.33 0.00	22.47 0.48 0.00	23.89 0.58 0.00	25.16 0.45 0.00	25.64 0.43 0.00	27.52 0.46 0.00	28.58 0.53 0.00	29.65 0.44 0.00	32.09 0.41 0.00	35.65 -0.47 0.00	35.73 -0.62 0.00	31.60 0.62 0.00	30.58 0.30 0.00	29.23 0.49 0.00	25.48 0.25 0.00	24.81 0.98 0.00
OAK ORCHARD____HYD 24046	28.19 0.03 0.00	25.23 0.35 0.00	23.89 0.24 0.00	22.63 0.31 0.00	22.12 0.41 0.00	21.55 0.11 0.00	21.15 0.19 0.00	20.55 -0.02 0.00	21.26 0.33 0.00	22.45 0.46 0.00	23.86 0.56 0.00	25.19 0.47 0.00	25.69 0.48 0.00	27.60 0.54 0.00	28.61 0.56 0.00	29.76 0.55 0.00	32.25 0.57 0.00	36.30 0.18 0.00	36.38 0.04 0.00	31.78 0.80 0.00	30.82 0.55 0.00	29.34 0.60 0.00	25.61 0.38 0.00	24.57 0.74 0.00
OAKDALE__35_KV_LOAD 356122	28.84 0.39 -0.28	25.39 0.45 -0.06	24.05 0.40 0.00	22.75 0.42 0.00	22.17 0.46 0.00	21.78 0.34 0.00	21.18 0.21 0.00	20.67 0.10 0.00	21.30 0.38 0.00	22.47 0.48 0.00	23.99 0.56 -0.13	25.48 0.54 -0.22	25.97 0.55 -0.20	27.98 0.60 -0.33	29.06 0.62 -0.40	30.30 0.61 -0.47	32.77 0.57 -0.53	37.71 0.69 -0.90	37.95 0.62 -0.98	32.39 0.77 -0.64	31.53 0.67 -0.59	29.78 0.57 -0.47	25.98 0.50 -0.25	24.63 0.62 -0.18
OCC_CHEM____DRP 24175	27.57 -0.59 0.00	25.06 0.17 0.00	23.48 -0.17 0.00	22.21 -0.11 0.00	22.04 0.33 0.00	21.08 -0.36 0.00	20.32 -0.65 0.00	19.60 -0.97 0.00	20.57 -0.36 0.00	21.96 -0.02 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	30.73 -0.95 0.00	35.07 -1.05 0.00	35.00 -1.34 0.00	30.91 -0.06 0.00	29.94 -0.33 0.00	28.25 -0.49 0.00	24.95 -0.28 0.00	24.29 0.45 0.00
OH_GEN_PROXY 24063	27.77 -0.39 0.00	25.01 0.13 0.00	23.70 0.05 0.00	22.50 0.18 0.00	21.99 0.28 0.00	21.29 -0.15 0.00	21.01 0.04 0.00	20.20 -0.37 0.00	21.07 0.15 0.00	22.27 0.29 0.00	23.65 0.35 0.00	24.94 0.22 0.00	25.41 0.20 0.00	27.27 0.22 0.00	28.30 0.25 0.00	29.39 0.18 0.00	31.80 0.13 0.00	35.33 -0.79 0.00	34.81 -1.02 0.52	31.77 0.28 -0.52	30.27 0.00 0.00	28.94 0.20 0.00	25.23 0.00 0.00	24.55 0.71 0.00
OLIN_CORP_DRP 24177	27.94 -0.23 0.00	24.91 0.02 0.00	23.82 0.17 0.00	22.52 0.20 0.00	21.91 0.20 0.00	21.35 -0.09 0.00	20.53 -0.44 0.00	19.71 -0.86 0.00	20.66 -0.27 0.00	22.07 0.09 0.00	23.54 0.23 0.00	24.79 0.07 0.00	25.26 0.05 0.00	27.09 0.03 0.00	28.13 0.08 0.00	29.21 0.00 0.00	30.88 -0.79 0.00	35.25 -0.87 0.00	35.22 -1.13 0.00	31.10 0.12 0.00	30.09 -0.18 0.00	28.39 -0.34 0.00	25.08 -0.15 0.00	24.52 0.69 0.00
OLIN_CORP_DSASP 323712	27.71 -0.45 0.00	25.06 0.18 0.00	23.49 -0.16 0.00	22.52 0.20 0.00	21.80 0.09 0.00	21.08 -0.36 0.00	20.78 -0.19 0.00	19.97 -0.60 0.00	20.84 -0.08 0.00	22.03 0.04 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	31.42 -0.25 0.00	34.82 -1.30 0.00	34.85 -1.49 0.00	30.88 -0.09 0.00	29.91 -0.36 0.00	28.62 -0.11 0.00	24.95 -0.28 0.00	24.48 0.64 0.00
ONEIDA_HERK_LFGE 323681	28.95 0.62 -0.17	25.46 0.55 -0.04	24.15 0.50 0.00	22.79 0.47 0.00	22.14 0.43 0.00	21.85 0.41 0.00	21.39 0.42 0.00	20.94 0.37 0.00	21.37 0.44 0.00	22.34 0.35 0.00	23.78 0.40 -0.08	25.25 0.39 -0.13	25.71 0.38 -0.12	27.66 0.41 -0.20	28.76 0.48 -0.24	29.99 0.50 -0.28	32.56 0.57 -0.31	37.45 0.79 -0.54	37.80 0.87 -0.59	32.23 0.87 -0.38	31.47 0.85 -0.35	29.82 0.80 -0.28	25.98 0.60 -0.15	24.51 0.57 -0.11
ONEIDA____115KV_TB4 55905	29.10 0.70 -0.23	25.58 0.65 -0.05	24.22 0.57 0.00	22.88 0.56 0.00	22.25 0.54 0.00	21.91 0.47 0.00	21.39 0.42 0.00	20.92 0.35 0.00	21.41 0.48 0.00	22.45 0.46 0.00	23.92 0.51 -0.10	25.42 0.52 -0.18	25.88 0.50 -0.17	27.87 0.54 -0.27	28.99 0.62 -0.33	30.24 0.64 -0.39	32.80 0.70 -0.43	37.84 0.98 -0.74	38.13 0.98 -0.81	32.52 1.02 -0.53	31.69 0.94 -0.48	29.96 0.83 -0.39	26.14 0.71 -0.21	24.69 0.71 -0.14

ONONDAGA_REF_OCCRA 23987	28.50 -0.17 -0.50	24.94 -0.05 -0.11	23.58 -0.07 0.00	22.28 -0.04 0.00	21.71 0.00 0.00	21.35 -0.09 0.00	20.78 -0.19 0.00	20.36 -0.21 0.00	20.86 -0.06 0.00	21.99 0.00 0.00	23.56 0.02 -0.23	25.12 0.00 -0.40	25.55 -0.03 -0.36	27.59 -0.05 -0.59	28.73 -0.03 -0.72	30.01 -0.06 -0.85	32.50 -0.13 -0.95	37.71 -0.04 -1.63	38.05 -0.07 -1.78	32.22 0.09 -1.15	31.33 0.00 -1.06	29.53 -0.06 -0.85	25.68 0.00 -0.45	24.22 0.07 -0.32
ONONDAGA___COGEN 23986	28.85 -0.08 -0.77	25.05 0.00 -0.17	23.60 -0.05 0.00	22.32 0.00 0.00	21.73 0.02 0.00	21.40 -0.04 0.00	20.82 -0.15 0.00	20.41 -0.16 0.00	20.91 -0.02 0.00	22.03 0.04 0.00	23.72 0.07 -0.35	25.38 0.05 -0.62	25.80 0.03 -0.56	27.99 0.03 -0.91	29.17 0.03 -1.10	30.52 0.00 -1.31	33.07 -0.06 -1.46	38.66 0.04 -2.51	39.04 -0.04 -2.74	32.91 0.15 -1.78	31.97 0.06 -1.63	30.05 0.00 -1.31	25.95 0.03 -0.70	24.42 0.10 -0.49
ONTARIO___LFGE 23819	28.83 0.42 -0.24	25.48 0.55 -0.05	24.10 0.45 0.00	22.81 0.49 0.00	22.25 0.54 0.00	21.78 0.34 0.00	21.36 0.40 0.00	20.78 0.21 0.00	21.45 0.52 0.00	22.56 0.57 0.00	24.07 0.65 -0.11	25.51 0.59 -0.19	26.02 0.63 -0.18	28.02 0.68 -0.29	29.12 0.73 -0.35	30.36 0.73 -0.41	32.80 0.67 -0.46	37.56 0.65 -0.79	37.82 0.62 -0.86	32.53 0.99 -0.56	31.67 0.88 -0.51	30.07 0.92 -0.41	26.08 0.63 -0.22	24.82 0.83 -0.15
ORANGEVILLE_WT_PWR 323706	28.42 0.25 0.00	25.53 0.65 0.00	24.19 0.54 0.00	22.93 0.60 0.00	22.45 0.74 0.00	21.78 0.34 0.00	21.45 0.48 0.00	20.65 0.08 0.00	21.51 0.59 0.00	22.71 0.72 0.00	24.14 0.84 0.00	25.46 0.74 0.00	25.97 0.76 0.00	27.84 0.79 0.00	28.92 0.87 0.00	30.03 0.82 0.00	32.47 0.79 0.00	36.34 0.22 0.00	36.42 0.07 0.00	32.00 1.02 0.00	31.00 0.73 0.00	29.63 0.89 0.00	25.81 0.58 0.00	24.98 1.14 0.00
ORANGEVILLE___ESR 323794	28.42 0.25 0.00	25.53 0.65 0.00	24.19 0.54 0.00	22.93 0.60 0.00	22.45 0.74 0.00	21.78 0.34 0.00	21.45 0.48 0.00	20.65 0.08 0.00	21.51 0.59 0.00	22.71 0.72 0.00	24.14 0.84 0.00	25.46 0.74 0.00	25.97 0.76 0.00	27.84 0.79 0.00	28.92 0.87 0.00	30.03 0.82 0.00	32.47 0.79 0.00	36.34 0.22 0.00	36.42 0.07 0.00	32.00 1.02 0.00	31.00 0.73 0.00	29.63 0.89 0.00	25.81 0.58 0.00	24.98 1.14 0.00
OSWEGATCHIE___HYD 24044	28.42 0.00 -0.25	24.89 -0.05 -0.06	23.58 -0.07 0.00	22.26 -0.07 0.00	21.62 -0.09 0.00	21.33 -0.11 0.00	20.88 -0.08 0.00	20.59 0.02 0.00	20.86 -0.06 0.00	21.79 -0.20 0.00	23.21 -0.21 -0.12	24.68 -0.25 -0.20	25.09 -0.30 -0.19	27.03 -0.32 -0.30	28.10 -0.31 -0.36	29.32 -0.32 -0.43	31.84 -0.32 -0.48	36.84 -0.11 -0.83	37.28 0.04 -0.90	31.72 0.16 -0.59	30.90 0.09 -0.54	29.26 0.09 -0.43	25.43 -0.03 -0.23	23.97 -0.02 -0.16
OSWEGO___5 23606	30.74 -0.62 -3.19	25.11 -0.47 -0.70	23.20 -0.45 0.00	21.92 -0.40 0.00	21.34 -0.37 0.00	21.01 -0.43 0.00	20.57 -0.40 0.00	20.12 -0.45 0.00	20.55 -0.38 0.00	21.61 -0.37 0.00	24.36 -0.40 -1.45	26.82 -0.44 -2.55	27.08 -0.45 -2.32	30.29 -0.51 -3.75	32.10 -0.50 -4.56	34.10 -0.56 -5.44	37.15 -0.57 -6.04	45.81 -0.69 -10.38	46.95 -0.73 -11.33	37.87 -0.46 -7.35	36.52 -0.51 -6.76	33.67 -0.49 -5.42	27.66 -0.45 -2.89	25.50 -0.36 -2.02
OSWEGO___6 23613	30.74 -0.62 -3.19	25.11 -0.47 -0.70	23.20 -0.45 0.00	21.92 -0.40 0.00	21.34 -0.37 0.00	21.01 -0.43 0.00	20.57 -0.40 0.00	20.12 -0.45 0.00	20.55 -0.38 0.00	21.61 -0.37 0.00	24.36 -0.40 -1.45	26.82 -0.44 -2.55	27.08 -0.45 -2.32	30.29 -0.51 -3.75	32.10 -0.50 -4.56	34.10 -0.56 -5.44	37.15 -0.57 -6.04	45.81 -0.69 -10.38	46.95 -0.73 -11.33	37.87 -0.46 -7.35	36.52 -0.51 -6.76	33.67 -0.49 -5.42	27.66 -0.45 -2.89	25.50 -0.36 -2.02
OUTOKUMPU-AB___DRP 24206	28.42 0.25 0.00	25.58 0.70 0.00	24.17 0.52 0.00	22.86 0.54 0.00	22.49 0.78 0.00	21.68 0.24 0.00	20.88 -0.08 0.00	20.16 -0.41 0.00	21.16 0.23 0.00	22.60 0.62 0.00	24.10 0.79 0.00	25.39 0.67 0.00	25.87 0.66 0.00	27.76 0.70 0.00	28.83 0.79 0.00	29.91 0.70 0.00	31.68 0.00 0.00	36.16 0.04 0.00	36.13 -0.22 0.00	31.84 0.87 0.00	30.82 0.54 0.00	29.05 0.32 0.00	25.66 0.43 0.00	24.98 1.14 0.00
OXBOW____ 24026	28.14 -0.03 0.00	25.38 0.50 0.00	23.89 0.24 0.00	22.81 0.49 0.00	22.19 0.48 0.00	21.44 0.00 0.00	21.13 0.17 0.00	20.30 -0.27 0.00	21.20 0.27 0.00	22.43 0.44 0.00	23.84 0.54 0.00	25.11 0.39 0.00	25.59 0.38 0.00	27.44 0.38 0.00	28.52 0.48 0.00	29.59 0.38 0.00	31.99 0.32 0.00	35.51 -0.61 0.00	35.54 -0.80 0.00	31.44 0.47 0.00	30.43 0.15 0.00	29.11 0.37 0.00	25.38 0.15 0.00	24.83 1.00 0.00
OXY_CHEM_DSASP 323612	27.57 -0.59 0.00	25.06 0.17 0.00	23.48 -0.17 0.00	22.21 -0.11 0.00	22.04 0.33 0.00	21.08 -0.36 0.00	20.32 -0.65 0.00	19.60 -0.97 0.00	20.57 -0.36 0.00	21.96 -0.02 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	30.73 -0.95 0.00	35.07 -1.05 0.00	35.00 -1.34 0.00	30.91 -0.06 0.00	29.94 -0.33 0.00	28.25 -0.49 0.00	24.95 -0.28 0.00	24.29 0.45 0.00
OZONE_PARK_ESR 323760	30.87 2.70 0.00	27.15 2.26 0.00	25.75 2.10 0.00	24.11 1.79 0.00	23.36 1.65 0.00	23.28 1.84 0.00	22.64 1.68 0.00	22.24 1.67 0.00	22.85 1.93 0.00	24.05 2.07 0.00	25.56 2.26 0.00	27.19 2.47 0.00	27.81 2.60 0.00	29.82 2.76 0.00	30.85 2.80 0.00	32.16 2.95 0.00	35.03 3.36 0.00	39.59 3.47 0.00	39.76 3.42 0.00	33.33 2.35 0.00	32.85 2.57 0.00	31.55 2.82 0.00	27.80 2.57 0.00	26.07 2.24 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.57 -0.59 0.00	25.06 0.17 0.00	23.48 -0.17 0.00	22.21 -0.11 0.00	22.04 0.33 0.00	21.08 -0.36 0.00	20.32 -0.65 0.00	19.60 -0.97 0.00	20.57 -0.36 0.00	21.96 -0.02 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	30.73 -0.95 0.00	35.07 -1.05 0.00	35.00 -1.34 0.00	30.91 -0.06 0.00	29.94 -0.33 0.00	28.25 -0.49 0.00	24.95 -0.28 0.00	24.29 0.45 0.00
PACKARD___115KV_DUPONT_184 80571	27.57 -0.59 0.00	25.06 0.17 0.00	23.48 -0.17 0.00	22.21 -0.11 0.00	22.04 0.33 0.00	21.08 -0.36 0.00	20.32 -0.65 0.00	19.60 -0.97 0.00	20.57 -0.36 0.00	21.96 -0.02 0.00	23.42 0.12 0.00	24.67 -0.05 0.00	25.13 -0.08 0.00	26.98 -0.08 0.00	28.02 -0.03 0.00	29.06 -0.15 0.00	30.73 -0.95 0.00	35.07 -1.05 0.00	35.00 -1.34 0.00	30.91 -0.06 0.00	29.94 -0.33 0.00	28.25 -0.49 0.00	24.95 -0.28 0.00	24.29 0.45 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.82 2.65 -0.01	27.10 2.21 -0.01	25.72 2.06 -0.01	24.04 1.72 0.00	23.27 1.56 0.00	23.15 1.72 0.00	22.43 1.47 0.00	21.93 1.36 0.00	22.50 1.57 0.00	23.70 1.71 0.00	25.26 1.96 0.00	26.85 2.13 0.00	27.48 2.27 0.00	29.47 2.41 0.00	30.51 2.47 0.00	31.81 2.60 0.00	34.43 2.76 0.00	38.90 2.78 0.00	39.14 2.80 0.00	32.77 1.80 0.00	32.30 2.03 0.00	31.38 2.64 0.00	27.73 2.50 0.00	26.03 2.19 -0.01

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.24 3.07 -0.01	27.50 2.61 -0.01	26.07 2.41 -0.01	24.38 2.05 0.00	23.58 1.87 0.00	23.46 2.02 0.00	22.71 1.74 0.00	22.22 1.65 0.00	22.75 1.82 0.00	23.97 1.98 0.00	25.56 2.26 0.00	27.14 2.42 0.00	27.81 2.60 0.00	29.82 2.76 0.00	30.91 2.86 0.00	32.16 2.95 0.00	34.84 3.17 0.00	39.37 3.25 0.00	39.58 3.23 0.00	33.11 2.14 0.00	32.66 2.39 0.00	31.73 2.99 0.00	28.03 2.80 0.00	26.34 2.50 -0.01
PATROON__115KV_TB1 80586	29.29 1.13 0.00	25.80 0.92 0.00	24.50 0.85 0.00	23.10 0.78 0.00	22.43 0.72 0.00	22.21 0.77 0.00	21.62 0.65 0.00	21.10 0.53 0.00	21.53 0.61 0.00	22.62 0.64 0.00	23.96 0.65 0.00	25.46 0.74 0.00	25.99 0.78 0.00	27.95 0.89 0.00	28.97 0.93 0.00	30.17 0.96 0.00	32.91 1.24 0.00	37.35 1.23 0.00	37.65 1.31 0.00	32.00 1.02 0.00	31.33 1.06 0.00	29.77 1.03 0.00	26.06 0.83 0.00	24.55 0.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.61 0.45 0.00	25.60 0.72 0.00	24.29 0.64 0.00	22.95 0.63 0.00	22.49 0.78 0.00	21.83 0.39 0.00	21.05 0.08 0.00	20.34 -0.23 0.00	21.37 0.44 0.00	22.78 0.79 0.00	24.31 1.00 0.00	25.63 0.91 0.00	26.14 0.93 0.00	28.03 0.97 0.00	29.14 1.09 0.00	30.23 1.02 0.00	32.12 0.44 0.00	36.66 0.54 0.00	36.63 0.29 0.00	32.18 1.21 0.00	31.12 0.85 0.00	29.34 0.60 0.00	25.83 0.61 0.00	25.12 1.29 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.50 2.34 0.00	26.82 1.94 0.00	25.45 1.80 0.00	23.88 1.56 0.00	23.27 1.56 0.00	23.09 1.65 0.00	22.43 1.47 0.00	22.05 1.48 0.00	22.52 1.59 0.00	23.75 1.76 0.00	25.19 1.89 0.00	26.75 2.03 0.00	27.33 2.12 0.00	29.33 2.27 0.00	30.51 2.47 0.00	31.78 2.57 0.00	34.68 3.01 0.00	39.33 3.21 0.00	39.69 3.34 0.00	33.24 2.26 0.00	32.63 2.36 0.00	31.09 2.36 0.00	27.35 2.12 0.00	25.67 1.84 0.00
PEEKSKILL____ 23653	30.28 2.11 0.00	26.67 1.79 0.00	25.30 1.65 0.00	23.73 1.41 0.00	23.04 1.32 0.00	22.90 1.46 0.00	22.39 1.43 0.00	21.82 1.25 0.00	22.41 1.49 0.00	23.61 1.63 0.00	25.07 1.77 0.00	26.65 1.93 0.00	27.23 2.02 0.00	29.22 2.17 0.00	30.29 2.24 0.00	31.57 2.36 0.00	34.18 2.50 0.00	38.94 2.82 0.00	39.14 2.80 0.00	32.90 1.92 0.00	32.36 2.09 0.00	30.81 2.07 0.00	27.22 1.99 0.00	25.52 1.69 0.00
PGE MADISON__WINDPWR 24146	30.71 2.25 -0.29	26.99 2.04 -0.06	25.52 1.87 0.00	24.13 1.81 0.00	23.47 1.76 0.00	23.07 1.63 0.00	22.66 1.70 0.00	22.05 1.48 0.00	22.62 1.69 0.00	23.52 1.54 0.00	25.04 1.61 -0.13	26.55 1.61 -0.23	26.98 1.56 -0.21	29.07 1.68 -0.34	30.28 1.82 -0.41	31.57 1.87 -0.49	34.37 2.15 -0.54	39.80 2.74 -0.93	40.31 2.94 -1.02	34.61 2.97 -0.66	33.76 2.88 -0.61	31.92 2.70 -0.49	27.66 2.17 -0.26	26.16 2.15 -0.18
PIERCEFIELD__HYD 23852	27.76 -0.54 -0.13	24.39 -0.52 -0.03	23.13 -0.52 0.00	21.83 -0.49 0.00	21.21 -0.50 0.00	20.95 -0.49 0.00	20.67 -0.29 0.00	20.43 -0.14 0.00	20.57 -0.36 0.00	21.48 -0.51 0.00	22.80 -0.56 -0.06	24.20 -0.62 -0.10	24.67 -0.63 -0.09	26.53 -0.68 -0.15	27.53 -0.70 -0.18	28.70 -0.73 -0.22	31.09 -0.82 -0.24	35.81 -0.72 -0.42	36.18 -0.62 -0.46	30.78 -0.50 -0.30	30.00 -0.54 -0.27	28.35 -0.60 -0.22	24.76 -0.58 -0.12	23.34 -0.57 -0.08
PINELAWN_CC_1 323563	34.33 3.24 -2.93	31.09 2.76 -3.45	27.37 2.58 -1.14	24.47 2.14 0.00	23.73 2.02 0.00	23.52 2.08 0.00	22.94 1.97 0.00	22.42 1.85 0.00	23.17 2.24 0.00	24.21 2.22 0.00	28.33 2.49 -2.53	28.75 2.69 -1.34	32.69 2.80 -4.69	34.89 3.03 -4.80	38.06 3.14 -6.87	40.38 3.42 -7.76	42.16 3.64 -6.84	43.23 4.12 -3.00	49.51 4.07 -9.09	43.01 3.07 -8.96	41.56 3.24 -8.04	35.01 3.08 -3.19	30.31 2.95 -2.14	27.62 2.65 -1.14
PJM_GEN_HTP_PROXY 323702	30.53 2.37 0.00	26.87 1.99 0.00	25.50 1.85 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.03 1.59 0.00	22.54 1.57 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.50 2.29 0.00	29.49 2.44 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.43 2.75 0.00	39.19 3.07 0.00	38.81 2.98 0.52	33.51 2.01 -0.52	32.48 2.21 0.00	30.98 2.24 0.00	27.50 2.27 0.00	25.76 1.93 0.00
PJM_GEN_KEystone 24065	29.06 0.90 0.00	25.80 0.92 0.00	24.50 0.85 0.00	23.10 0.78 0.00	22.47 0.76 0.00	22.13 0.69 0.00	21.72 0.75 0.00	21.06 0.49 0.00	21.83 0.90 0.00	23.02 1.03 0.00	24.45 1.14 0.00	25.91 1.19 0.00	26.47 1.26 0.00	28.38 1.33 0.00	29.42 1.37 0.00	30.61 1.40 0.00	33.13 1.46 0.00	37.49 1.37 0.00	37.06 1.24 0.52	32.70 1.21 -0.52	31.45 1.18 0.00	30.00 1.26 0.00	26.29 1.06 0.00	25.00 1.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.80 2.70 -2.93	30.62 2.29 -3.45	26.94 2.15 -1.14	24.09 1.76 0.00	23.36 1.65 0.00	23.18 1.74 0.00	22.62 1.66 0.00	22.09 1.52 0.00	22.81 1.88 0.00	23.90 1.91 0.00	28.00 2.17 -2.53	28.41 2.35 -1.34	32.32 2.42 -4.69	34.46 2.60 -4.80	37.58 2.67 -6.87	39.83 2.86 -7.76	41.53 3.01 -6.84	42.48 3.36 -3.00	44.62 3.31 -4.97	42.84 2.39 -9.48	40.89 2.57 -8.04	34.43 2.50 -3.19	29.86 2.50 -2.14	27.16 2.19 -1.14
PJM_GEN_VFT_PROXY 323633	30.39 2.22 0.00	26.77 1.89 0.00	25.38 1.73 0.00	23.75 1.43 0.00	23.04 1.32 0.00	22.94 1.50 0.00	22.46 1.49 0.00	21.89 1.32 0.00	22.52 1.59 0.00	23.75 1.76 0.00	25.24 1.93 0.00	26.87 2.15 0.00	27.45 2.24 0.00	29.44 2.38 0.00	30.43 2.38 0.00	31.72 2.51 0.00	34.24 2.56 0.00	38.97 2.85 0.00	38.59 2.76 0.52	33.29 1.80 -0.52	32.33 2.06 0.00	30.83 2.10 0.00	27.42 2.19 0.00	25.67 1.84 0.00
PLATSBRG_115KV_PMLD1 355749	27.99 -0.17 0.00	24.73 -0.15 0.00	23.51 -0.14 0.00	22.19 -0.13 0.00	21.60 -0.11 0.00	21.33 -0.11 0.00	21.03 0.06 0.00	20.80 0.23 0.00	20.97 0.04 0.00	21.96 -0.02 0.00	23.23 -0.07 0.00	24.60 -0.12 0.00	25.08 -0.13 0.00	26.95 -0.11 0.00	27.90 -0.14 0.00	29.03 -0.18 0.00	31.39 -0.29 0.00	35.94 -0.18 0.00	36.23 -0.11 0.00	30.88 -0.09 0.00	30.06 -0.21 0.00	28.42 -0.32 0.00	24.87 -0.35 0.00	23.50 -0.33 0.00
PLEASANTVLY__LBMP 24000	30.08 1.92 0.00	26.50 1.62 0.00	25.16 1.51 0.00	23.64 1.32 0.00	22.93 1.22 0.00	22.77 1.33 0.00	22.16 1.20 0.00	21.68 1.11 0.00	22.25 1.32 0.00	23.42 1.43 0.00	24.82 1.51 0.00	26.38 1.66 0.00	26.92 1.71 0.00	28.90 1.84 0.00	29.95 1.91 0.00	31.23 2.02 0.00	34.02 2.34 0.00	38.54 2.42 0.00	38.78 2.44 0.00	32.68 1.70 0.00	32.12 1.85 0.00	30.66 1.93 0.00	26.94 1.72 0.00	25.31 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.10 1.39 0.00	22.96 1.52 0.00	22.33 1.36 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.70 1.71 0.00	25.15 1.84 0.00	26.75 2.03 0.00	27.30 2.09 0.00	29.30 2.25 0.00	30.34 2.30 0.00	31.63 2.42 0.00	34.46 2.79 0.00	39.01 2.89 0.00	39.25 2.91 0.00	33.02 2.04 0.00	32.48 2.21 0.00	31.04 2.30 0.00	27.30 2.07 0.00	25.64 1.81 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.39 2.22 0.00	26.75 1.87 0.00	25.40 1.75 0.00	23.82 1.50 0.00	23.10 1.39 0.00	22.96 1.52 0.00	22.33 1.36 0.00	21.93 1.36 0.00	22.52 1.59 0.00	23.70 1.71 0.00	25.15 1.84 0.00	26.75 2.03 0.00	27.30 2.09 0.00	29.30 2.25 0.00	30.34 2.30 0.00	31.63 2.42 0.00	34.46 2.79 0.00	39.01 2.89 0.00	39.25 2.91 0.00	33.02 2.04 0.00	32.48 2.21 0.00	31.04 2.30 0.00	27.30 2.07 0.00	25.64 1.81 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.30 2.14 0.00	26.67 1.79 0.00	25.33 1.68 0.00	23.80 1.47 0.00	23.10 1.39 0.00	22.92 1.48 0.00	22.27 1.30 0.00	21.80 1.23 0.00	22.35 1.42 0.00	23.53 1.54 0.00	24.94 1.63 0.00	26.50 1.78 0.00	27.03 1.82 0.00	29.03 1.98 0.00	30.09 2.05 0.00	31.37 2.16 0.00	34.24 2.57 0.00	38.83 2.71 0.00	39.14 2.80 0.00	32.96 1.98 0.00	32.36 2.09 0.00	30.86 2.13 0.00	27.12 1.89 0.00	25.45 1.62 0.00
POLETTI____ 23519	30.53 2.37 0.00	26.85 1.97 0.00	25.47 1.82 0.00	23.86 1.54 0.00	23.14 1.43 0.00	23.03 1.59 0.00	22.41 1.45 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.79 1.80 0.00	25.26 1.96 0.00	26.89 2.18 0.00	27.47 2.27 0.01	29.46 2.41 0.01	30.48 2.44 0.01	31.77 2.57 0.01	34.58 2.91 0.01	39.11 3.00 0.01	39.24 2.91 0.01	32.91 1.95 0.02	32.44 2.18 0.02	31.14 2.41 0.01	27.47 2.25 0.00	25.76 1.93 0.00
POMONA____ESR 323819	30.25 2.08 0.00	26.65 1.77 0.00	25.28 1.63 0.00	23.71 1.38 0.00	23.01 1.30 0.00	22.88 1.44 0.00	22.37 1.40 0.00	21.78 1.21 0.00	22.41 1.49 0.00	23.61 1.63 0.00	25.07 1.77 0.00	26.67 1.95 0.00	27.25 2.04 0.00	29.25 2.19 0.00	30.29 2.24 0.00	31.57 2.36 0.00	34.21 2.53 0.00	38.97 2.85 0.00	39.14 2.80 0.00	32.93 1.95 0.00	32.36 2.09 0.00	30.83 2.10 0.00	27.22 1.99 0.00	25.52 1.69 0.00
PORT_JEFF_3 23555	34.56 3.46 -2.93	31.29 2.96 -3.45	27.55 2.77 -1.14	24.62 2.30 0.00	23.88 2.17 0.00	23.67 2.23 0.00	23.06 2.10 0.00	22.61 2.04 0.00	23.40 2.47 0.00	24.27 2.29 0.00	28.40 2.56 -2.53	28.78 2.72 -1.34	32.77 2.87 -4.69	34.97 3.11 -4.80	38.14 3.22 -6.87	40.47 3.50 -7.76	42.29 3.77 -6.84	43.41 4.30 -3.00	64.25 4.21 -23.70	43.16 3.22 -8.96	41.65 3.33 -8.04	35.06 3.13 -3.19	30.34 2.98 -2.14	27.67 2.69 -1.14
PORT_JEFF_4 23616	34.56 3.46 -2.93	31.29 2.96 -3.45	27.55 2.77 -1.14	24.62 2.30 0.00	23.88 2.17 0.00	23.67 2.23 0.00	23.06 2.10 0.00	22.61 2.04 0.00	23.40 2.47 0.00	24.27 2.29 0.00	28.40 2.56 -2.53	28.78 2.72 -1.34	32.77 2.87 -4.69	34.97 3.11 -4.80	38.14 3.22 -6.87	40.47 3.50 -7.76	42.29 3.77 -6.84	43.41 4.30 -3.00	64.25 4.21 -23.70	43.16 3.22 -8.96	41.65 3.33 -8.04	35.06 3.13 -3.19	30.34 2.98 -2.14	27.67 2.69 -1.14
PORT_JEFF_IC 23713	34.62 3.52 -2.93	31.34 3.01 -3.45	27.60 2.81 -1.14	24.67 2.34 0.00	23.93 2.22 0.00	23.69 2.25 0.00	23.11 2.14 0.00	22.65 2.08 0.00	23.44 2.51 0.00	24.31 2.33 0.00	28.45 2.61 -2.53	28.82 2.77 -1.34	32.82 2.92 -4.69	35.05 3.19 -4.80	38.22 3.31 -6.87	40.56 3.59 -7.76	42.38 3.86 -6.84	43.52 4.41 -3.00	65.81 4.32 -25.15	43.26 3.32 -8.96	41.71 3.39 -8.04	35.12 3.19 -3.19	30.39 3.03 -2.14	27.71 2.74 -1.14
PPL PILGRIM_ST_GT1 24216	34.59 3.49 -2.93	31.29 2.96 -3.45	27.58 2.79 -1.14	24.64 2.32 0.00	23.90 2.19 0.00	23.67 2.23 0.00	23.08 2.12 0.00	22.59 2.02 0.00	23.35 2.43 0.00	24.36 2.38 0.00	28.49 2.66 -2.53	28.90 2.84 -1.34	32.89 3.00 -4.69	35.11 3.25 -4.80	38.28 3.36 -6.87	40.59 3.62 -7.76	42.38 3.86 -6.84	43.48 4.37 -3.00	68.55 4.25 -27.96	43.22 3.28 -8.96	41.74 3.42 -8.04	35.18 3.25 -3.19	30.47 3.10 -2.14	27.76 2.79 -1.14
PPL PILGRIM_ST_GT2 24217	34.59 3.49 -2.93	31.29 2.96 -3.45	27.58 2.79 -1.14	24.64 2.32 0.00	23.90 2.19 0.00	23.67 2.23 0.00	23.08 2.12 0.00	22.59 2.02 0.00	23.35 2.43 0.00	24.36 2.38 0.00	28.49 2.66 -2.53	28.90 2.84 -1.34	32.89 3.00 -4.69	35.11 3.25 -4.80	38.28 3.36 -6.87	40.59 3.62 -7.76	42.38 3.86 -6.84	43.48 4.37 -3.00	68.55 4.25 -27.96	43.22 3.28 -8.96	41.74 3.42 -8.04	35.18 3.25 -3.19	30.47 3.10 -2.14	27.76 2.79 -1.14
PPL_SHRM_GT3 24213	34.59 3.49 -2.93	31.37 3.03 -3.45	27.62 2.84 -1.14	24.69 2.37 0.00	23.95 2.24 0.00	23.71 2.27 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.10 2.11 0.00	28.24 2.40 -2.53	28.60 2.55 -1.34	32.59 2.70 -4.69	34.81 2.95 -4.80	37.97 3.06 -6.87	40.30 3.33 -7.76	42.16 3.64 -6.84	43.34 4.22 -3.00	64.49 4.18 -23.97	43.10 3.16 -8.96	41.52 3.21 -8.04	34.89 2.96 -3.19	30.21 2.85 -2.14	27.53 2.55 -1.14
PPL_SHRM_GT4 24214	34.59 3.49 -2.93	31.37 3.03 -3.45	27.62 2.84 -1.14	24.69 2.37 0.00	23.95 2.24 0.00	23.71 2.27 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.10 2.11 0.00	28.24 2.40 -2.53	28.60 2.55 -1.34	32.59 2.70 -4.69	34.81 2.95 -4.80	37.97 3.06 -6.87	40.30 3.33 -7.76	42.16 3.64 -6.84	43.34 4.22 -3.00	64.49 4.18 -23.97	43.10 3.16 -8.96	41.52 3.21 -8.04	34.89 2.96 -3.19	30.21 2.85 -2.14	27.53 2.55 -1.14
PROJECT___ORANGE 1 24174	28.32 -0.25 -0.41	24.82 -0.15 -0.09	23.51 -0.14 0.00	22.21 -0.11 0.00	21.65 -0.07 0.00	21.31 -0.13 0.00	20.74 -0.23 0.00	20.30 -0.27 0.00	20.80 -0.13 0.00	21.92 -0.07 0.00	23.47 -0.02 -0.19	24.97 -0.07 -0.33	25.41 -0.10 -0.30	27.41 -0.14 -0.48	28.49 -0.14 -0.59	29.77 -0.15 -0.70	32.20 -0.25 -0.78	37.28 -0.18 -1.34	37.55 -0.25 -1.46	31.90 -0.03 -0.95	31.03 -0.12 -0.87	29.26 -0.17 -0.70	25.50 -0.10 -0.37	24.09 0.00 -0.26
PROJECT___ORANGE 2 24166	28.32 -0.25 -0.41	24.82 -0.15 -0.09	23.51 -0.14 0.00	22.21 -0.11 0.00	21.65 -0.07 0.00	21.31 -0.13 0.00	20.74 -0.23 0.00	20.30 -0.27 0.00	20.80 -0.13 0.00	21.92 -0.07 0.00	23.47 -0.02 -0.19	24.97 -0.07 -0.33	25.41 -0.10 -0.30	27.41 -0.14 -0.48	28.49 -0.14 -0.59	29.77 -0.15 -0.70	32.20 -0.25 -0.78	37.28 -0.18 -1.34	37.55 -0.25 -1.46	31.90 -0.03 -0.95	31.03 -0.12 -0.87	29.26 -0.17 -0.70	25.50 -0.10 -0.37	24.09 0.00 -0.26
PUCKETT___SOLAR 323809	29.28 0.84 -0.27	25.79 0.85 -0.06	24.41 0.76 0.00	23.10 0.78 0.00	22.47 0.76 0.00	22.11 0.67 0.00	21.66 0.69 0.00	21.04 0.47 0.00	21.60 0.67 0.00	22.62 0.64 0.00	24.08 0.65 -0.12	25.55 0.62 -0.21	26.04 0.63 -0.19	28.05 0.68 -0.31	29.16 0.73 -0.38	30.42 0.76 -0.46	33.07 0.89 -0.51	38.04 1.05 -0.87	38.42 1.13 -0.95	32.86 1.27 -0.62	32.05 1.21 -0.57	30.37 1.18 -0.45	26.38 0.91 -0.24	25.00 1.00 -0.17
PYRITES___HYD 24023	28.11 -0.17 -0.12	24.71 -0.20 -0.03	23.44 -0.21 0.00	22.10 -0.22 0.00	21.47 -0.24 0.00	21.18 -0.26 0.00	20.95 -0.02 0.00	20.69 0.12 0.00	20.82 -0.10 0.00	21.72 -0.26 0.00	23.06 -0.30 -0.05	24.47 -0.35 -0.09	24.92 -0.38 -0.09	26.82 -0.38 -0.14	27.82 -0.39 -0.17	29.00 -0.41 -0.20	31.42 -0.48 -0.22	36.25 -0.25 -0.38	36.65 -0.11 -0.42	31.22 -0.03 -0.27	30.40 -0.12 -0.25	28.76 -0.17 -0.20	25.08 -0.25 -0.11	23.64 -0.26 -0.07

QUAKERRD_115KV_BK1 80622	27.52 -0.65 0.00	24.51 -0.37 0.00	23.22 -0.43 0.00	21.94 -0.38 0.00	21.47 -0.24 0.00	20.95 -0.49 0.00	20.34 -0.63 0.00	19.85 -0.72 0.00	20.55 -0.38 0.00	21.77 -0.22 0.00	23.16 -0.14 0.00	24.47 -0.25 0.00	24.96 -0.25 0.00	26.79 -0.27 0.00	27.79 -0.25 0.00	28.92 -0.29 0.00	30.98 -0.70 0.00	35.47 -0.65 0.00	35.54 -0.80 0.00	30.85 -0.12 0.00	29.94 -0.33 0.00	28.28 -0.46 0.00	24.87 -0.35 0.00	23.76 -0.07 0.00
QUEENSBRY_115KV_TB8 356137	29.97 1.80 0.00	26.35 1.47 0.00	25.00 1.35 0.00	23.57 1.25 0.00	22.90 1.19 0.00	22.66 1.22 0.00	22.06 1.09 0.00	21.56 0.99 0.00	22.04 1.11 0.00	23.17 1.19 0.00	24.40 1.10 0.00	25.83 1.11 0.00	26.24 1.03 0.00	28.19 1.14 0.00	29.22 1.18 0.00	30.47 1.26 0.00	33.26 1.58 0.00	37.82 1.70 0.00	38.49 2.14 0.00	32.93 1.95 0.00	32.30 2.03 0.00	30.66 1.93 0.00	26.72 1.49 0.00	25.14 1.31 0.00
RAMAPO___LBMP 323565	30.11 1.94 0.00	26.52 1.64 0.00	25.19 1.54 0.00	23.64 1.32 0.00	22.93 1.22 0.00	22.79 1.35 0.00	22.16 1.20 0.00	21.74 1.17 0.00	22.35 1.42 0.00	23.53 1.54 0.00	24.96 1.65 0.00	26.55 1.83 0.00	27.13 1.92 0.00	29.11 2.06 0.00	30.15 2.10 0.00	31.43 2.22 0.00	34.24 2.57 0.00	38.79 2.67 0.00	39.00 2.65 0.00	32.84 1.86 0.00	32.24 1.97 0.00	30.81 2.07 0.00	27.09 1.87 0.00	25.43 1.60 0.00
RANKINE____ 23646	28.59 0.42 0.00	25.63 0.75 0.00	24.29 0.64 0.00	22.95 0.63 0.00	22.51 0.80 0.00	21.80 0.36 0.00	21.03 0.06 0.00	20.32 -0.25 0.00	21.32 0.40 0.00	22.76 0.77 0.00	24.28 0.98 0.00	25.58 0.87 0.00	26.09 0.88 0.00	27.98 0.92 0.00	29.05 1.01 0.00	30.14 0.93 0.00	31.99 0.32 0.00	36.52 0.40 0.00	36.49 0.15 0.00	32.12 1.15 0.00	31.06 0.79 0.00	29.28 0.55 0.00	25.83 0.61 0.00	25.12 1.29 0.00
RAVENSWOOD_GT2_1 24244	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.43 1.47 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.02 2.04 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.52 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT2_2 24245	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.43 1.47 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.54 2.50 0.00	31.84 2.63 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.02 2.04 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.52 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT2_3 24246	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.21 1.50 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.64 1.72 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.55 2.34 0.00	29.55 2.49 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.19 3.07 0.00	39.40 3.05 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.83 2.00 0.00
RAVENSWOOD_GT2_4 24247	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.21 1.50 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.64 1.72 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.55 2.34 0.00	29.55 2.49 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.19 3.07 0.00	39.40 3.05 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.83 2.00 0.00
RAVENSWOOD_GT3_1 24248	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.31 2.00 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.02 2.04 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.83 2.00 0.00
RAVENSWOOD_GT3_2 24249	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.31 2.00 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.02 2.04 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.83 2.00 0.00
RAVENSWOOD_GT3_3 24250	30.64 2.48 0.00	26.95 2.07 0.00	25.57 1.92 0.00	23.95 1.63 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.48 1.51 0.00	22.07 1.50 0.00	22.68 1.76 0.00	23.88 1.89 0.00	25.36 2.05 0.00	26.97 2.25 0.00	27.58 2.37 0.00	29.57 2.52 0.00	30.60 2.55 0.00	31.90 2.69 0.00	34.72 3.04 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.60 2.33 0.00	31.29 2.56 0.00	27.57 2.35 0.00	25.86 2.03 0.00
RAVENSWOOD_GT3_4 24251	30.64 2.48 0.00	26.95 2.07 0.00	25.57 1.92 0.00	23.95 1.63 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.48 1.51 0.00	22.07 1.50 0.00	22.68 1.76 0.00	23.88 1.89 0.00	25.36 2.05 0.00	26.97 2.25 0.00	27.58 2.37 0.00	29.57 2.52 0.00	30.60 2.55 0.00	31.90 2.69 0.00	34.72 3.04 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.60 2.33 0.00	31.29 2.56 0.00	27.57 2.35 0.00	25.86 2.03 0.00
RAVENSWOOD_GT_1 23729	30.73 2.56 0.00	27.05 2.16 0.00	25.64 1.99 0.00	24.00 1.68 0.00	23.25 1.54 0.00	23.13 1.69 0.00	22.60 1.64 0.00	21.97 1.40 0.00	22.58 1.65 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.58 2.37 0.00	29.58 2.52 0.00	30.62 2.58 0.00	31.93 2.72 0.00	34.34 2.66 0.00	39.12 3.00 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.48 2.21 0.00	31.04 2.30 0.00	27.65 2.42 0.00	25.95 2.12 0.00
RAVENSWOOD_GT_10 24258	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.05 2.08 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.52 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT_11 24259	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.91 1.59 0.00	23.19 1.48 0.00	23.07 1.63 0.00	22.58 1.61 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.53 0.00	31.87 2.66 0.00	34.40 2.72 0.00	39.19 3.07 0.00	39.36 3.01 0.00	32.99 2.01 0.00	32.51 2.24 0.00	31.01 2.27 0.00	27.52 2.30 0.00	25.81 1.98 0.00



RAVENSWOOD_GT_4 24252	30.56 2.39 0.00	26.90 2.02 0.00	25.52 1.87 0.00	23.91 1.58 0.00	23.19 1.48 0.00	23.07 1.63 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.23 3.11 0.00	39.40 3.05 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.21 2.47 0.00	27.53 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT_5 24254	30.56 2.39 0.00	26.90 2.02 0.00	25.52 1.87 0.00	23.91 1.58 0.00	23.19 1.48 0.00	23.07 1.63 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.23 3.11 0.00	39.40 3.05 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.21 2.47 0.00	27.53 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT_6 24253	30.56 2.39 0.00	26.90 2.02 0.00	25.52 1.87 0.00	23.91 1.58 0.00	23.19 1.48 0.00	23.07 1.63 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.23 3.11 0.00	39.40 3.05 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.21 2.47 0.00	27.53 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT_7 24255	30.56 2.39 0.00	26.90 2.02 0.00	25.52 1.87 0.00	23.91 1.58 0.00	23.19 1.48 0.00	23.07 1.63 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.23 3.11 0.00	39.40 3.05 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.21 2.47 0.00	27.53 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.05 2.08 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.52 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD_GT_9 24257	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.03 1.46 0.00	22.64 1.72 0.00	23.83 1.85 0.00	25.33 2.03 0.00	26.94 2.22 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.65 2.98 0.00	39.19 3.07 0.00	39.36 3.02 0.00	33.05 2.08 0.00	32.54 2.27 0.00	31.24 2.50 0.00	27.52 2.30 0.00	25.81 1.98 0.00
RAVENSWOOD___1 23533	30.70 2.54 0.00	27.02 2.14 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.58 1.61 0.00	21.97 1.40 0.00	22.56 1.63 0.00	23.79 1.80 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.55 2.34 0.00	29.55 2.49 0.00	30.60 2.55 0.00	31.90 2.69 0.00	34.34 2.66 0.00	39.08 2.96 0.00	39.29 2.94 0.00	32.90 1.92 0.00	32.45 2.18 0.00	31.04 2.30 0.00	27.65 2.42 0.00	25.93 2.10 0.00
RAVENSWOOD___2 23534	30.70 2.54 0.00	27.02 2.14 0.00	25.61 1.96 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.58 1.61 0.00	21.95 1.38 0.00	22.56 1.63 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.55 2.49 0.00	30.57 2.53 0.00	31.87 2.66 0.00	34.30 2.63 0.00	39.08 2.96 0.00	39.29 2.94 0.00	32.90 1.92 0.00	32.45 2.18 0.00	31.01 2.27 0.00	27.63 2.40 0.00	25.90 2.07 0.00
RAVENSWOOD___3 23535	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.91 1.59 0.00	23.19 1.48 0.00	23.07 1.63 0.00	22.58 1.61 0.00	21.99 1.42 0.00	22.60 1.67 0.00	23.81 1.82 0.00	25.33 2.03 0.00	26.94 2.23 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.53 0.00	31.87 2.66 0.00	34.40 2.72 0.00	39.19 3.07 0.00	39.36 3.01 0.00	32.99 2.01 0.00	32.51 2.24 0.00	31.01 2.27 0.00	27.55 2.32 0.00	25.81 1.98 0.00
RAVENSWOOD___4 23820	30.70 2.54 0.00	26.99 2.11 0.00	25.59 1.94 0.00	23.95 1.63 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.56 1.59 0.00	21.95 1.38 0.00	22.56 1.63 0.00	23.77 1.78 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.53 0.00	31.87 2.66 0.00	34.30 2.63 0.00	39.08 2.96 0.00	39.25 2.91 0.00	32.90 1.92 0.00	32.45 2.18 0.00	31.01 2.27 0.00	27.62 2.40 0.00	25.90 2.07 0.00
RCPL_TRUST___DRP 24196	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.68 1.76 0.00	23.88 1.89 0.00	25.36 2.05 0.00	26.97 2.25 0.00	27.58 2.37 0.00	29.57 2.52 0.00	30.60 2.55 0.00	31.93 2.72 0.00	34.75 3.07 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.57 2.30 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.81 1.98 0.00
RED___ROCHESTER 323720	28.39 0.22 0.00	25.38 0.50 0.00	24.03 0.38 0.00	22.75 0.42 0.00	22.23 0.52 0.00	21.65 0.21 0.00	21.28 0.31 0.00	20.67 0.10 0.00	21.41 0.48 0.00	22.60 0.61 0.00	24.03 0.72 0.00	25.36 0.64 0.00	25.89 0.68 0.00	27.81 0.76 0.00	28.83 0.78 0.00	30.00 0.79 0.00	32.50 0.82 0.00	36.63 0.51 0.00	36.71 0.36 0.00	32.06 1.08 0.00	31.06 0.79 0.00	29.57 0.83 0.00	25.78 0.55 0.00	24.74 0.91 0.00
REGAN___SOLAR 323812	31.63 3.46 0.00	27.87 2.98 0.00	26.39 2.74 0.00	24.91 2.59 0.00	24.27 2.56 0.00	23.95 2.51 0.00	23.44 2.47 0.00	22.75 2.18 0.00	23.12 2.20 0.00	24.18 2.20 0.00	25.63 2.33 0.00	27.09 2.37 0.00	27.68 2.47 0.00	29.82 2.76 0.00	30.99 2.94 0.00	32.28 3.07 0.00	35.32 3.64 0.00	40.60 4.48 0.00	41.22 4.87 0.00	35.56 4.58 0.00	34.69 4.42 0.00	32.64 3.91 0.00	28.41 3.18 0.00	26.74 2.91 0.00
RENSSELAER___COGEN 23796	29.15 0.99 0.00	25.68 0.80 0.00	24.41 0.76 0.00	22.99 0.67 0.00	22.34 0.63 0.00	22.13 0.69 0.00	21.62 0.65 0.00	21.00 0.43 0.00	21.41 0.48 0.00	22.49 0.51 0.00	23.84 0.54 0.00	25.34 0.62 0.00	25.84 0.63 0.00	27.79 0.73 0.00	28.80 0.76 0.00	30.00 0.79 0.00	32.59 0.92 0.00	37.17 1.05 0.00	37.43 1.09 0.00	31.78 0.80 0.00	31.12 0.85 0.00	29.51 0.78 0.00	25.93 0.71 0.00	24.40 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.52 3.35 0.00	27.67 2.79 0.00	26.18 2.53 0.00	24.69 2.37 0.00	24.06 2.34 0.00	23.76 2.32 0.00	23.13 2.16 0.00	22.69 2.12 0.00	23.21 2.28 0.00	24.45 2.46 0.00	25.82 2.52 0.00	27.24 2.52 0.00	27.76 2.55 0.00	29.90 2.84 0.00	30.99 2.94 0.00	32.25 3.04 0.00	35.29 3.61 0.00	40.13 4.01 0.00	40.81 4.47 0.00	35.13 4.15 0.00	34.36 4.09 0.00	32.39 3.65 0.00	28.10 2.88 0.00	26.43 2.60 0.00

REVERE_CPDR_DRP 24186	29.30 0.93 -0.21	25.75 0.82 -0.05	24.41 0.76 0.00	23.04 0.71 0.00	22.38 0.67 0.00	22.06 0.62 0.00	21.53 0.57 0.00	21.08 0.51 0.00	21.55 0.63 0.00	22.54 0.55 0.00	24.03 0.63 -0.10	25.53 0.64 -0.17	25.99 0.63 -0.15	27.98 0.68 -0.25	29.10 0.76 -0.30	30.36 0.79 -0.36	32.96 0.89 -0.40	38.04 1.23 -0.69	38.40 1.31 -0.75	32.76 1.30 -0.49	31.93 1.21 -0.45	30.19 1.09 -0.36	26.30 0.88 -0.19	24.85 0.88 -0.13
REYNOLDS_115KV_TB3 80639	29.37 1.21 0.00	25.88 1.00 0.00	24.60 0.95 0.00	23.17 0.85 0.00	22.49 0.78 0.00	22.28 0.84 0.00	21.68 0.71 0.00	21.13 0.56 0.00	21.58 0.65 0.00	22.67 0.68 0.00	24.00 0.70 0.00	25.51 0.79 0.00	26.02 0.81 0.00	27.95 0.89 0.00	28.97 0.93 0.00	30.20 0.99 0.00	32.91 1.24 0.00	37.38 1.26 0.00	37.65 1.31 0.00	32.00 1.02 0.00	31.36 1.09 0.00	29.80 1.06 0.00	26.09 0.86 0.00	24.60 0.76 0.00
RIVERBAY____ 323610	31.24 3.07 -0.01	27.50 2.61 -0.01	26.07 2.41 -0.01	24.38 2.05 0.00	23.58 1.87 0.00	23.46 2.02 0.00	22.71 1.74 0.00	22.22 1.65 0.00	22.75 1.82 0.00	23.97 1.98 0.00	25.56 2.26 0.00	27.14 2.42 0.00	27.81 2.60 0.00	29.82 2.76 0.00	30.91 2.86 0.00	32.16 2.95 0.00	34.84 3.17 0.00	39.37 3.25 0.00	39.58 3.23 0.00	33.11 2.14 0.00	32.66 2.39 0.00	31.73 2.99 0.00	28.03 2.80 0.00	26.34 2.50 -0.01
RIVERSDE_115KV_TB3 55908	29.29 1.13 0.00	25.80 0.92 0.00	24.52 0.88 0.00	23.10 0.78 0.00	22.43 0.72 0.00	22.21 0.77 0.00	21.62 0.65 0.00	21.08 0.51 0.00	21.53 0.61 0.00	22.60 0.62 0.00	23.93 0.63 0.00	25.46 0.74 0.00	25.97 0.76 0.00	27.90 0.84 0.00	28.91 0.87 0.00	30.14 0.93 0.00	32.85 1.17 0.00	37.31 1.19 0.00	37.58 1.24 0.00	31.94 0.96 0.00	31.30 1.03 0.00	29.74 1.01 0.00	26.03 0.81 0.00	24.52 0.69 0.00
ROARING__BROOK_WT_PWR 323790	27.83 -0.34 0.00	24.58 -0.30 0.00	23.39 -0.26 0.00	22.08 -0.25 0.00	21.49 -0.22 0.00	21.23 -0.21 0.00	20.78 -0.19 0.00	20.45 -0.12 0.00	20.76 -0.17 0.00	21.79 -0.20 0.00	23.09 -0.21 0.00	24.47 -0.25 0.00	24.96 -0.25 0.00	26.79 -0.27 0.00	27.76 -0.28 0.00	28.92 -0.29 0.00	31.33 -0.35 0.00	35.76 -0.36 0.00	36.02 -0.33 0.00	30.67 -0.31 0.00	29.94 -0.33 0.00	28.39 -0.34 0.00	24.90 -0.33 0.00	23.52 -0.31 0.00
ROCHESRG_115KV_T4 355643	28.14 -0.03 0.00	25.13 0.25 0.00	23.79 0.14 0.00	22.48 0.16 0.00	22.01 0.30 0.00	21.44 0.00 0.00	20.78 -0.19 0.00	20.24 -0.33 0.00	20.99 0.06 0.00	22.29 0.31 0.00	23.72 0.42 0.00	25.07 0.35 0.00	25.56 0.35 0.00	27.44 0.38 0.00	28.47 0.42 0.00	29.62 0.41 0.00	31.64 -0.03 0.00	36.19 0.07 0.00	36.27 -0.07 0.00	31.60 0.62 0.00	30.67 0.39 0.00	28.94 0.20 0.00	25.48 0.25 0.00	24.43 0.60 0.00
ROCHESTER_9_IC 23652	28.30 0.14 0.00	25.28 0.40 0.00	23.93 0.28 0.00	22.61 0.29 0.00	22.15 0.43 0.00	21.57 0.13 0.00	20.88 -0.08 0.00	20.34 -0.23 0.00	21.12 0.19 0.00	22.45 0.46 0.00	23.89 0.58 0.00	25.21 0.49 0.00	25.74 0.53 0.00	27.63 0.57 0.00	28.66 0.62 0.00	29.82 0.61 0.00	31.87 0.19 0.00	36.48 0.36 0.00	36.53 0.18 0.00	31.84 0.87 0.00	30.88 0.61 0.00	29.14 0.40 0.00	25.63 0.40 0.00	24.60 0.76 0.00
ROCKVIEW_13_KV_LD 356306	30.56 2.39 0.00	26.90 2.02 0.00	25.52 1.87 0.00	23.93 1.61 0.00	23.21 1.50 0.00	23.07 1.63 0.00	22.43 1.47 0.00	22.05 1.48 0.00	22.66 1.74 0.00	23.86 1.87 0.00	25.33 2.03 0.00	26.92 2.20 0.00	27.50 2.29 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.68 3.01 0.00	39.26 3.14 0.00	39.51 3.16 0.00	33.18 2.20 0.00	32.66 2.39 0.00	31.24 2.50 0.00	27.50 2.27 0.00	25.79 1.95 0.00
ROME____115KV_TB2 80656	29.30 0.93 -0.21	25.75 0.82 -0.05	24.41 0.76 0.00	23.04 0.71 0.00	22.38 0.67 0.00	22.06 0.62 0.00	21.53 0.57 0.00	21.08 0.51 0.00	21.55 0.63 0.00	22.54 0.55 0.00	24.03 0.63 -0.10	25.53 0.64 -0.17	25.99 0.63 -0.15	27.98 0.68 -0.25	29.10 0.76 -0.30	30.36 0.79 -0.36	32.96 0.89 -0.40	38.04 1.23 -0.69	38.40 1.31 -0.75	32.76 1.30 -0.49	31.93 1.21 -0.45	30.19 1.09 -0.36	26.30 0.88 -0.19	24.85 0.88 -0.13
ROSETON__1 23587	30.05 1.89 0.00	26.45 1.57 0.00	25.14 1.49 0.00	23.59 1.27 0.00	22.90 1.19 0.00	22.75 1.31 0.00	22.25 1.28 0.00	21.64 1.07 0.00	22.20 1.28 0.00	23.37 1.39 0.00	24.80 1.49 0.00	26.38 1.66 0.00	26.93 1.72 0.00	28.90 1.84 0.00	29.95 1.91 0.00	31.20 1.99 0.00	33.83 2.15 0.00	38.50 2.38 0.00	38.74 2.40 0.00	32.65 1.67 0.00	32.06 1.79 0.00	30.52 1.78 0.00	26.94 1.72 0.00	25.29 1.45 0.00
ROSETON__2 23588	30.05 1.89 0.00	26.45 1.57 0.00	25.14 1.49 0.00	23.59 1.27 0.00	22.90 1.19 0.00	22.75 1.31 0.00	22.25 1.28 0.00	21.64 1.07 0.00	22.20 1.28 0.00	23.37 1.39 0.00	24.80 1.49 0.00	26.38 1.66 0.00	26.93 1.72 0.00	28.90 1.84 0.00	29.95 1.91 0.00	31.20 1.99 0.00	33.83 2.15 0.00	38.50 2.38 0.00	38.74 2.40 0.00	32.65 1.67 0.00	32.06 1.79 0.00	30.52 1.78 0.00	26.94 1.72 0.00	25.29 1.45 0.00
ROTTDAM_115KV_TB3 80664	29.57 1.41 0.00	26.05 1.17 0.00	24.76 1.11 0.00	23.37 1.05 0.00	22.69 0.98 0.00	22.47 1.03 0.00	21.85 0.88 0.00	21.33 0.76 0.00	21.79 0.86 0.00	22.91 0.92 0.00	24.26 0.96 0.00	25.76 1.04 0.00	26.27 1.06 0.00	28.22 1.16 0.00	29.25 1.21 0.00	30.47 1.26 0.00	33.20 1.52 0.00	37.75 1.63 0.00	38.05 1.71 0.00	32.37 1.39 0.00	31.73 1.45 0.00	30.15 1.41 0.00	26.39 1.16 0.00	24.88 1.05 0.00
RUSSELL__1 23602	28.45 0.28 0.00	25.40 0.52 0.00	24.03 0.38 0.00	22.70 0.38 0.00	22.23 0.52 0.00	21.65 0.21 0.00	20.97 0.00 0.00	20.45 -0.12 0.00	21.24 0.31 0.00	22.56 0.57 0.00	24.03 0.72 0.00	25.36 0.64 0.00	25.89 0.68 0.00	27.82 0.76 0.00	28.83 0.79 0.00	30.00 0.79 0.00	32.06 0.38 0.00	36.73 0.61 0.00	36.78 0.44 0.00	32.06 1.08 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.78 0.56 0.00	24.71 0.88 0.00
RUSSELL__2 23532	28.45 0.28 0.00	25.40 0.52 0.00	24.03 0.38 0.00	22.70 0.38 0.00	22.23 0.52 0.00	21.65 0.21 0.00	20.97 0.00 0.00	20.45 -0.12 0.00	21.24 0.31 0.00	22.56 0.57 0.00	24.03 0.72 0.00	25.36 0.64 0.00	25.89 0.68 0.00	27.82 0.76 0.00	28.83 0.79 0.00	30.00 0.79 0.00	32.06 0.38 0.00	36.73 0.61 0.00	36.78 0.44 0.00	32.06 1.08 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.78 0.56 0.00	24.71 0.88 0.00
RUSSELL__3 23549	28.45 0.28 0.00	25.40 0.52 0.00	24.03 0.38 0.00	22.70 0.38 0.00	22.23 0.52 0.00	21.65 0.21 0.00	20.97 0.00 0.00	20.45 -0.12 0.00	21.24 0.31 0.00	22.56 0.57 0.00	24.03 0.72 0.00	25.36 0.64 0.00	25.89 0.68 0.00	27.82 0.76 0.00	28.83 0.79 0.00	30.00 0.79 0.00	32.06 0.38 0.00	36.73 0.61 0.00	36.78 0.44 0.00	32.06 1.08 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.78 0.56 0.00	24.71 0.88 0.00

RUSSELL___4 23556	28.45 0.28 0.00	25.40 0.52 0.00	24.03 0.38 0.00	22.70 0.38 0.00	22.23 0.52 0.00	21.65 0.21 0.00	20.97 0.00 0.00	20.45 -0.12 0.00	21.24 0.31 0.00	22.56 0.57 0.00	24.03 0.72 0.00	25.36 0.64 0.00	25.89 0.68 0.00	27.82 0.76 0.00	28.83 0.79 0.00	30.00 0.79 0.00	32.06 0.38 0.00	36.73 0.61 0.00	36.78 0.44 0.00	32.06 1.08 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.78 0.56 0.00	24.71 0.88 0.00
RUSSELL___STATION 23914	28.45 0.28 0.00	25.40 0.52 0.00	24.03 0.38 0.00	22.70 0.38 0.00	22.23 0.52 0.00	21.65 0.21 0.00	20.97 0.00 0.00	20.45 -0.12 0.00	21.24 0.31 0.00	22.56 0.57 0.00	24.03 0.72 0.00	25.36 0.64 0.00	25.89 0.68 0.00	27.82 0.76 0.00	28.83 0.79 0.00	30.00 0.79 0.00	32.06 0.38 0.00	36.73 0.61 0.00	36.78 0.44 0.00	32.06 1.08 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.78 0.56 0.00	24.71 0.88 0.00
S SALMON___HYD 24043	29.07 -0.08 -0.99	25.07 -0.02 -0.22	23.58 -0.07 0.00	22.30 -0.02 0.00	21.69 -0.02 0.00	21.35 -0.09 0.00	20.88 -0.08 0.00	20.40 -0.17 0.00	20.86 -0.06 0.00	21.88 -0.11 0.00	23.64 -0.12 -0.45	25.36 -0.15 -0.79	25.75 -0.18 -0.72	28.00 -0.22 -1.16	29.26 -0.19 -1.41	30.66 -0.23 -1.68	33.29 -0.25 -1.87	39.12 -0.22 -3.21	39.70 -0.14 -3.50	33.31 0.06 -2.27	32.43 0.06 -2.09	30.53 0.12 -1.68	26.12 0.00 -0.89	24.53 0.07 -0.62
S.PERRY___115KV_TB1 80734	29.32 1.15 0.00	26.18 1.29 0.00	24.74 1.09 0.00	23.39 1.07 0.00	22.93 1.22 0.00	22.32 0.88 0.00	21.47 0.50 0.00	20.67 0.10 0.00	21.26 0.33 0.00	22.45 0.46 0.00	23.82 0.51 0.00	25.11 0.40 0.00	25.64 0.43 0.00	27.57 0.51 0.00	28.69 0.65 0.00	29.85 0.64 0.00	32.02 0.35 0.00	36.99 0.87 0.00	37.43 1.09 0.00	33.05 2.08 0.00	32.12 1.85 0.00	30.26 1.52 0.00	26.56 1.34 0.00	25.50 1.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.30 0.14 0.00	25.40 0.52 0.00	24.05 0.40 0.00	22.75 0.42 0.00	22.34 0.63 0.00	21.59 0.15 0.00	20.84 -0.13 0.00	20.12 -0.45 0.00	21.12 0.19 0.00	22.54 0.55 0.00	24.03 0.72 0.00	25.31 0.59 0.00	25.82 0.61 0.00	27.68 0.62 0.00	28.75 0.70 0.00	29.82 0.61 0.00	31.61 -0.06 0.00	36.08 -0.04 0.00	36.05 -0.29 0.00	31.75 0.77 0.00	30.73 0.45 0.00	29.00 0.26 0.00	25.58 0.35 0.00	24.88 1.05 0.00
SAWYER___23_KV_LOAD 55526	28.30 0.14 0.00	25.40 0.52 0.00	24.05 0.40 0.00	22.75 0.42 0.00	22.34 0.63 0.00	21.59 0.15 0.00	20.84 -0.13 0.00	20.12 -0.45 0.00	21.12 0.19 0.00	22.54 0.55 0.00	24.03 0.72 0.00	25.31 0.59 0.00	25.82 0.61 0.00	27.68 0.62 0.00	28.75 0.70 0.00	29.82 0.61 0.00	31.61 -0.06 0.00	36.08 -0.04 0.00	36.05 -0.29 0.00	31.75 0.77 0.00	30.73 0.45 0.00	29.00 0.26 0.00	25.58 0.35 0.00	24.88 1.05 0.00
SELKIRK___I 23801	29.43 1.27 0.00	25.95 1.07 0.00	24.67 1.02 0.00	23.28 0.96 0.00	22.62 0.91 0.00	22.38 0.94 0.00	21.87 0.90 0.00	21.21 0.64 0.00	21.64 0.71 0.00	22.73 0.75 0.00	24.10 0.79 0.00	25.58 0.86 0.00	26.12 0.91 0.00	28.06 1.00 0.00	29.08 1.04 0.00	30.29 1.08 0.00	32.91 1.23 0.00	37.49 1.37 0.00	37.76 1.42 0.00	32.12 1.15 0.00	31.45 1.18 0.00	29.83 1.09 0.00	26.19 0.96 0.00	24.67 0.83 0.00
SELKIRK___II 23799	29.26 1.10 0.00	25.80 0.92 0.00	24.53 0.88 0.00	23.12 0.80 0.00	22.45 0.74 0.00	22.23 0.79 0.00	21.72 0.75 0.00	21.08 0.51 0.00	21.53 0.61 0.00	22.62 0.64 0.00	23.98 0.68 0.00	25.49 0.77 0.00	25.99 0.78 0.00	27.92 0.87 0.00	28.94 0.90 0.00	30.17 0.96 0.00	32.75 1.08 0.00	37.35 1.23 0.00	37.62 1.27 0.00	31.90 0.93 0.00	31.27 1.00 0.00	29.66 0.92 0.00	26.09 0.86 0.00	24.55 0.71 0.00
SENECA OSWGO___HYD 24041	29.15 -0.39 -1.38	24.91 -0.27 -0.30	23.34 -0.31 0.00	22.08 -0.25 0.00	21.49 -0.22 0.00	21.16 -0.28 0.00	20.69 -0.27 0.00	20.22 -0.35 0.00	20.70 -0.23 0.00	21.77 -0.22 0.00	23.70 -0.23 -0.63	25.55 -0.27 -1.11	25.92 -0.30 -1.01	28.36 -0.32 -1.63	29.69 -0.34 -1.98	31.22 -0.35 -2.36	33.92 -0.38 -2.62	40.19 -0.43 -4.50	40.79 -0.47 -4.91	33.95 -0.22 -3.19	32.93 -0.27 -2.93	30.83 -0.26 -2.35	26.20 -0.28 -1.25	24.52 -0.19 -0.88
SENECA___115KV_TB3 355854	28.64 0.48 0.00	25.65 0.77 0.00	24.31 0.66 0.00	22.99 0.67 0.00	22.56 0.85 0.00	21.83 0.39 0.00	21.07 0.10 0.00	20.36 -0.21 0.00	21.37 0.44 0.00	22.80 0.81 0.00	24.33 1.03 0.00	25.63 0.91 0.00	26.12 0.91 0.00	28.03 0.97 0.00	29.11 1.07 0.00	30.20 0.99 0.00	32.02 0.35 0.00	36.59 0.47 0.00	36.53 0.18 0.00	32.15 1.18 0.00	31.12 0.85 0.00	29.34 0.60 0.00	25.88 0.66 0.00	25.14 1.31 0.00
SENECA___ENERGY 23797	28.71 -0.03 -0.57	25.13 0.13 -0.13	23.70 0.05 0.00	22.43 0.11 0.00	21.86 0.15 0.00	21.44 0.00 0.00	21.01 0.04 0.00	20.47 -0.10 0.00	21.05 0.13 0.00	22.16 0.18 0.00	23.80 0.23 -0.26	25.35 0.17 -0.46	25.80 0.18 -0.42	27.95 0.22 -0.67	29.09 0.22 -0.82	30.42 0.23 -0.98	32.98 0.22 -1.08	38.17 0.18 -1.86	38.52 0.15 -2.03	32.76 0.47 -1.32	31.82 0.33 -1.21	30.08 0.37 -0.97	25.95 0.20 -0.52	24.58 0.38 -0.36
SHOEMAKER___GT 23640	29.80 1.63 0.00	26.25 1.37 0.00	24.93 1.28 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.58 1.14 0.00	22.08 1.11 0.00	21.47 0.90 0.00	22.01 1.09 0.00	23.15 1.16 0.00	24.56 1.26 0.00	26.10 1.38 0.00	26.62 1.41 0.00	28.60 1.54 0.00	29.64 1.60 0.00	30.90 1.69 0.00	33.54 1.87 0.00	38.21 2.09 0.00	38.49 2.14 0.00	32.46 1.49 0.00	31.88 1.60 0.00	30.32 1.58 0.00	26.72 1.49 0.00	25.09 1.26 0.00
SHOEMAKR_138KV_BK 111 55601	29.80 1.63 0.00	26.25 1.37 0.00	24.93 1.28 0.00	23.44 1.12 0.00	22.75 1.04 0.00	22.58 1.14 0.00	21.95 0.99 0.00	21.50 0.93 0.00	22.06 1.13 0.00	23.20 1.21 0.00	24.59 1.28 0.00	26.13 1.41 0.00	26.67 1.46 0.00	28.63 1.57 0.00	29.67 1.63 0.00	30.93 1.72 0.00	33.70 2.03 0.00	38.25 2.13 0.00	38.49 2.14 0.00	32.49 1.52 0.00	31.91 1.63 0.00	30.40 1.67 0.00	26.72 1.49 0.00	25.12 1.29 0.00
SHOREHAM_IC_1 23715	34.59 3.49 -2.93	31.37 3.03 -3.45	27.62 2.84 -1.14	24.69 2.37 0.00	23.95 2.24 0.00	23.71 2.27 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.10 2.11 0.00	28.24 2.40 -2.53	28.60 2.55 -1.34	32.59 2.70 -4.69	34.81 2.95 -4.80	37.97 3.06 -6.87	40.30 3.33 -7.76	42.16 3.64 -6.84	43.34 4.22 -3.00	64.49 4.18 -23.97	43.10 3.16 -8.96	41.52 3.21 -8.04	34.89 2.96 -3.19	30.21 2.85 -2.14	27.53 2.55 -1.14
SHOREHAM_IC_2 23716	34.59 3.49 -2.93	31.37 3.03 -3.45	27.62 2.84 -1.14	24.69 2.37 0.00	23.95 2.24 0.00	23.71 2.27 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.10 2.11 0.00	28.24 2.40 -2.53	28.60 2.55 -1.34	32.59 2.70 -4.69	34.81 2.95 -4.80	37.97 3.06 -6.87	40.30 3.33 -7.76	42.16 3.64 -6.84	43.34 4.22 -3.00	64.49 4.18 -23.97	43.10 3.16 -8.96	41.52 3.21 -8.04	34.89 2.96 -3.19	30.21 2.85 -2.14	27.53 2.55 -1.14

SISSONVILLE____ 23735	27.76 -0.54 -0.13	24.39 -0.52 -0.03	23.13 -0.52 0.00	21.83 -0.49 0.00	21.21 -0.50 0.00	20.95 -0.49 0.00	20.67 -0.29 0.00	20.43 -0.14 0.00	20.57 -0.36 0.00	21.48 -0.51 0.00	22.80 -0.56 -0.06	24.20 -0.62 -0.10	24.67 -0.63 -0.09	26.53 -0.68 -0.15	27.53 -0.70 -0.18	28.70 -0.73 -0.22	31.09 -0.82 -0.24	35.81 -0.72 -0.42	36.18 -0.62 -0.46	30.78 -0.50 -0.30	30.00 -0.54 -0.27	28.35 -0.60 -0.22	24.76 -0.58 -0.12	23.34 -0.57 -0.08
SITHE_IND_GS1 24169	23.29 -0.87 4.00	23.31 -0.70 0.88	22.99 -0.66 0.00	21.72 -0.60 0.00	21.15 -0.56 0.00	20.84 -0.60 0.00	20.38 -0.59 0.00	19.93 -0.64 0.00	20.38 -0.54 0.00	21.41 -0.57 0.00	20.88 -0.61 1.82	20.86 -0.67 3.19	21.62 -0.68 2.91	21.60 -0.76 4.70	21.57 -0.76 5.72	21.57 -0.82 6.82	23.25 -0.85 7.57	22.10 -1.01 13.01	21.09 -1.06 14.20	20.99 -0.77 9.21	21.01 -0.79 8.48	21.20 -0.75 6.79	20.93 -0.68 3.62	20.73 -0.57 2.53
SITHE_IND_GS2 24170	23.29 -0.87 4.00	23.31 -0.70 0.88	22.99 -0.66 0.00	21.72 -0.60 0.00	21.15 -0.56 0.00	20.84 -0.60 0.00	20.38 -0.59 0.00	19.93 -0.64 0.00	20.38 -0.54 0.00	21.41 -0.57 0.00	20.88 -0.61 1.82	20.86 -0.67 3.19	21.62 -0.68 2.91	21.60 -0.76 4.70	21.57 -0.76 5.72	21.57 -0.82 6.82	23.25 -0.85 7.57	22.10 -1.01 13.01	21.09 -1.06 14.20	20.99 -0.77 9.21	21.01 -0.79 8.48	21.20 -0.75 6.79	20.93 -0.68 3.62	20.73 -0.57 2.53
SITHE_IND_GS3 24171	23.29 -0.87 4.00	23.31 -0.70 0.88	22.99 -0.66 0.00	21.72 -0.60 0.00	21.15 -0.56 0.00	20.84 -0.60 0.00	20.38 -0.59 0.00	19.93 -0.64 0.00	20.38 -0.54 0.00	21.41 -0.57 0.00	20.88 -0.61 1.82	20.86 -0.67 3.19	21.62 -0.68 2.91	21.60 -0.76 4.70	21.57 -0.76 5.72	21.57 -0.82 6.82	23.25 -0.85 7.57	22.10 -1.01 13.01	21.09 -1.06 14.20	20.99 -0.77 9.21	21.01 -0.79 8.48	21.20 -0.75 6.79	20.93 -0.68 3.62	20.73 -0.57 2.53
SITHE_IND_GS4 24172	23.29 -0.87 4.00	23.31 -0.70 0.88	22.99 -0.66 0.00	21.72 -0.60 0.00	21.15 -0.56 0.00	20.84 -0.60 0.00	20.38 -0.59 0.00	19.93 -0.64 0.00	20.38 -0.54 0.00	21.41 -0.57 0.00	20.88 -0.61 1.82	20.86 -0.67 3.19	21.62 -0.68 2.91	21.60 -0.76 4.70	21.57 -0.76 5.72	21.57 -0.82 6.82	23.25 -0.85 7.57	22.10 -1.01 13.01	21.09 -1.06 14.20	20.99 -0.77 9.21	21.01 -0.79 8.48	21.20 -0.75 6.79	20.93 -0.68 3.62	20.73 -0.57 2.53
SITHE____BATAVIA 24024	28.67 0.51 0.00	25.78 0.89 0.00	24.48 0.83 0.00	23.10 0.78 0.00	22.73 1.02 0.00	22.02 0.58 0.00	21.64 0.67 0.00	20.82 0.25 0.00	21.66 0.73 0.00	22.87 0.88 0.00	24.31 1.00 0.00	25.58 0.86 0.00	26.09 0.88 0.00	28.03 0.97 0.00	29.11 1.07 0.00	30.23 1.02 0.00	32.78 1.11 0.00	36.66 0.54 0.00	36.78 0.44 0.00	32.46 1.49 0.00	31.39 1.12 0.00	29.94 1.21 0.00	26.06 0.83 0.00	25.24 1.41 0.00
SITHE____INDEPEND 23800	23.32 -0.84 4.00	23.31 -0.70 0.88	22.99 -0.66 0.00	21.72 -0.60 0.00	21.15 -0.56 0.00	20.84 -0.60 0.00	20.30 -0.67 0.00	19.89 -0.68 0.00	20.34 -0.59 0.00	21.41 -0.57 0.00	20.88 -0.61 1.82	20.86 -0.67 3.19	21.62 -0.68 2.91	21.60 -0.76 4.70	21.57 -0.76 5.72	21.57 -0.82 6.82	23.12 -0.98 7.57	22.06 -1.05 13.01	21.05 -1.09 14.20	20.99 -0.77 9.21	20.98 -0.82 8.48	21.14 -0.80 6.79	20.93 -0.68 3.62	20.73 -0.57 2.53
SITHE____MASSENA 23902	27.68 -0.48 0.00	24.41 -0.47 0.00	23.20 -0.45 0.00	21.88 -0.45 0.00	21.28 -0.43 0.00	21.01 -0.43 0.00	20.55 -0.42 0.00	20.43 -0.14 0.00	20.57 -0.36 0.00	21.57 -0.42 0.00	22.84 -0.47 0.00	24.20 -0.52 0.00	24.71 -0.50 0.00	26.49 -0.57 0.00	27.45 -0.59 0.00	28.60 -0.61 0.00	30.95 -0.73 0.00	35.47 -0.65 0.00	35.73 -0.62 0.00	30.45 -0.53 0.00	29.70 -0.58 0.00	28.13 -0.60 0.00	24.67 -0.56 0.00	23.31 -0.52 0.00
SITHE____OGDNSBRG 24021	27.94 -0.23 0.00	24.63 -0.25 0.00	23.39 -0.26 0.00	22.05 -0.27 0.00	21.43 -0.28 0.00	21.14 -0.30 0.00	20.88 -0.08 0.00	20.65 0.08 0.00	20.76 -0.17 0.00	21.66 -0.33 0.00	22.93 -0.37 0.00	24.32 -0.40 0.00	24.78 -0.43 0.00	26.60 -0.46 0.00	27.57 -0.48 0.00	28.71 -0.50 0.00	31.11 -0.57 0.00	35.76 -0.36 0.00	36.13 -0.22 0.00	30.85 -0.12 0.00	30.09 -0.18 0.00	28.48 -0.26 0.00	24.92 -0.30 0.00	23.50 -0.33 0.00
SITHE____STERLING 23777	29.07 0.67 -0.23	25.58 0.65 -0.05	24.22 0.57 0.00	22.88 0.56 0.00	22.25 0.54 0.00	21.91 0.47 0.00	21.45 0.48 0.00	20.96 0.39 0.00	21.43 0.50 0.00	22.45 0.46 0.00	23.92 0.51 -0.10	25.42 0.52 -0.18	25.88 0.50 -0.17	27.87 0.54 -0.27	28.99 0.62 -0.33	30.24 0.64 -0.39	32.87 0.76 -0.43	37.84 0.98 -0.74	38.14 0.98 -0.81	32.52 1.02 -0.53	31.70 0.94 -0.48	30.02 0.89 -0.39	26.14 0.71 -0.21	24.69 0.71 -0.14
SLEIGHT__34_KV_TB1 80719	29.22 0.59 -0.46	25.63 0.65 -0.10	24.15 0.50 0.00	22.84 0.51 0.00	22.28 0.56 0.00	21.87 0.43 0.00	21.22 0.25 0.00	20.82 0.25 0.00	21.45 0.52 0.00	22.65 0.66 0.00	24.31 0.79 -0.21	25.83 0.74 -0.37	26.33 0.78 -0.34	28.44 0.84 -0.54	29.58 0.87 -0.66	30.88 0.88 -0.79	33.34 0.79 -0.88	38.85 1.23 -1.50	39.08 1.09 -1.64	33.31 1.27 -1.07	32.28 1.03 -0.98	30.36 0.83 -0.78	26.38 0.73 -0.42	24.96 0.83 -0.29
SOUTH CAIRO____GT 23612	30.13 1.97 0.00	26.52 1.64 0.00	25.19 1.54 0.00	23.68 1.36 0.00	23.06 1.35 0.00	22.77 1.33 0.00	22.22 1.26 0.00	21.50 0.93 0.00	21.87 0.94 0.00	22.98 0.99 0.00	24.35 1.05 0.00	25.83 1.11 0.00	26.32 1.11 0.00	28.38 1.33 0.00	29.45 1.40 0.00	30.67 1.46 0.00	33.61 1.93 0.00	38.36 2.24 0.00	38.89 2.54 0.00	33.05 2.08 0.00	32.33 2.06 0.00	30.52 1.78 0.00	26.74 1.51 0.00	25.09 1.26 0.00
SOUTH HAMPTN____IC 23720	35.26 4.17 -2.93	31.94 3.61 -3.45	28.14 3.36 -1.14	25.16 2.84 0.00	24.40 2.69 0.00	24.14 2.70 0.00	23.54 2.58 0.00	23.16 2.59 0.00	24.02 3.10 0.00	24.71 2.73 0.00	28.89 3.05 -2.53	29.32 3.26 -1.34	33.35 3.45 -4.69	35.62 3.76 -4.80	38.79 3.87 -6.87	41.20 4.23 -7.76	43.11 4.59 -6.84	44.43 5.31 -3.00	65.19 5.31 -23.54	44.06 4.12 -8.96	42.37 4.06 -8.04	35.64 3.71 -3.19	30.82 3.46 -2.14	28.12 3.15 -1.14
SOUTHDOW_115KV_TB1 355954	29.04 0.87 0.00	25.98 1.09 0.00	24.62 0.97 0.00	23.28 0.96 0.00	22.82 1.11 0.00	22.15 0.71 0.00	21.41 0.44 0.00	20.80 0.23 0.00	21.87 0.94 0.00	23.31 1.32 0.00	24.87 1.56 0.00	26.20 1.48 0.00	26.75 1.54 0.00	28.63 1.57 0.00	29.73 1.68 0.00	30.82 1.61 0.00	32.85 1.17 0.00	37.46 1.34 0.00	37.40 1.05 0.00	32.84 1.86 0.00	31.73 1.45 0.00	29.92 1.18 0.00	26.31 1.08 0.00	25.48 1.64 0.00
SOUTHOLD_69_KV_BK 2 55809	36.08 4.99 -2.93	32.56 4.23 -3.45	28.78 4.00 -1.14	25.85 3.53 0.00	24.95 3.23 0.00	24.68 3.24 0.00	23.90 2.94 0.00	23.88 3.31 0.00	24.61 3.68 0.00	25.72 3.74 0.00	29.59 3.75 -2.53	30.06 4.00 -1.34	34.18 4.29 -4.69	36.49 4.63 -4.80	39.71 4.80 -6.87	42.17 5.20 -7.76	44.35 5.83 -6.84	45.73 6.61 -3.00	66.54 6.65 -23.54	45.14 5.20 -8.96	43.34 5.03 -8.04	36.61 4.68 -3.19	31.53 4.16 -2.14	28.79 3.81 -1.14

SOUTHOLD___IC 23719	36.08 4.99 -2.93	32.64 4.31 -3.45	28.79 4.00 -1.14	25.74 3.42 0.00	24.95 3.24 0.00	24.68 3.24 0.00	24.05 3.08 0.00	23.68 3.11 0.00	24.59 3.66 0.00	25.37 3.38 0.00	29.59 3.75 -2.53	30.06 4.00 -1.34	34.18 4.29 -4.69	36.49 4.63 -4.80	39.71 4.79 -6.87	42.17 5.20 -7.76	44.19 5.67 -6.84	45.69 6.58 -3.00	66.50 6.62 -23.54	45.11 5.17 -8.96	43.31 4.99 -8.04	36.47 4.54 -3.19	31.53 4.16 -2.14	28.76 3.79 -1.14
SPIERFLS_115KV_TB 1 80737	29.77 1.61 0.00	26.18 1.29 0.00	24.86 1.21 0.00	23.44 1.12 0.00	22.77 1.06 0.00	22.53 1.09 0.00	21.93 0.96 0.00	21.41 0.84 0.00	21.89 0.96 0.00	23.04 1.06 0.00	24.24 0.93 0.00	25.63 0.91 0.00	26.04 0.83 0.00	27.95 0.89 0.00	29.00 0.95 0.00	30.20 0.99 0.00	32.97 1.30 0.00	37.49 1.37 0.00	38.20 1.85 0.00	32.65 1.67 0.00	32.03 1.76 0.00	30.46 1.72 0.00	26.54 1.31 0.00	24.98 1.14 0.00
ST LAWRENCE____ 23600	27.46 -0.70 0.00	24.21 -0.67 0.00	23.01 -0.64 0.00	21.72 -0.60 0.00	21.13 -0.59 0.00	20.86 -0.58 0.00	20.40 -0.57 0.00	20.28 -0.29 0.00	20.40 -0.52 0.00	21.41 -0.57 0.00	22.68 -0.63 0.00	24.05 -0.67 0.00	24.53 -0.68 0.00	26.33 -0.73 0.00	27.26 -0.79 0.00	28.39 -0.82 0.00	30.76 -0.92 0.00	35.18 -0.94 0.00	35.44 -0.91 0.00	30.17 -0.81 0.00	29.46 -0.82 0.00	27.90 -0.83 0.00	24.50 -0.73 0.00	23.12 -0.71 0.00
STATE_CA_115KV_115_LB 55624	29.29 1.13 0.00	25.80 0.92 0.00	24.50 0.85 0.00	23.10 0.78 0.00	22.43 0.72 0.00	22.21 0.77 0.00	21.62 0.65 0.00	21.10 0.53 0.00	21.53 0.61 0.00	22.62 0.64 0.00	23.98 0.68 0.00	25.46 0.74 0.00	25.99 0.78 0.00	27.95 0.89 0.00	28.97 0.93 0.00	30.17 0.96 0.00	32.91 1.24 0.00	37.35 1.23 0.00	37.65 1.31 0.00	32.00 1.02 0.00	31.33 1.06 0.00	29.77 1.03 0.00	26.06 0.83 0.00	24.55 0.71 0.00
STATE_ST_34_KV_LOAD 55959	29.08 0.23 -0.69	25.31 0.27 -0.15	23.84 0.19 0.00	22.52 0.20 0.00	21.97 0.26 0.00	21.61 0.17 0.00	20.99 0.02 0.00	20.57 0.00 0.00	21.14 0.21 0.00	22.29 0.31 0.00	24.01 0.40 -0.31	25.61 0.35 -0.55	26.06 0.35 -0.50	28.27 0.41 -0.81	29.45 0.42 -0.98	30.79 0.41 -1.17	33.33 0.35 -1.30	38.97 0.61 -2.24	39.33 0.55 -2.44	33.24 0.68 -1.58	32.27 0.54 -1.46	30.33 0.43 -1.17	26.23 0.38 -0.62	24.72 0.45 -0.43
STATION 5_MISC_HYD 23604	28.25 0.08 0.00	25.26 0.37 0.00	23.93 0.28 0.00	22.66 0.34 0.00	22.14 0.43 0.00	21.57 0.13 0.00	21.20 0.23 0.00	20.57 0.00 0.00	21.30 0.38 0.00	22.49 0.51 0.00	23.89 0.58 0.00	25.21 0.49 0.00	25.74 0.53 0.00	27.63 0.57 0.00	28.66 0.62 0.00	29.82 0.61 0.00	32.31 0.63 0.00	36.37 0.25 0.00	36.45 0.11 0.00	31.84 0.87 0.00	30.88 0.61 0.00	29.40 0.66 0.00	25.63 0.40 0.00	24.59 0.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.53 0.23 -0.14	25.31 0.40 -0.03	23.93 0.28 0.00	22.61 0.29 0.00	22.12 0.41 0.00	21.61 0.17 0.00	20.97 0.00 0.00	20.49 -0.08 0.00	21.20 0.27 0.00	22.45 0.46 0.00	23.95 0.58 -0.07	25.35 0.52 -0.11	25.84 0.53 -0.10	27.82 0.60 -0.17	28.87 0.62 -0.20	30.07 0.61 -0.24	32.26 0.32 -0.27	37.16 0.58 -0.47	37.29 0.44 -0.51	32.20 0.90 -0.33	31.24 0.67 -0.30	29.47 0.49 -0.24	25.81 0.45 -0.13	24.59 0.67 -0.09
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.14 -0.03 0.00	25.11 0.22 0.00	23.74 0.09 0.00	22.43 0.11 0.00	21.97 0.26 0.00	21.42 -0.02 0.00	20.76 -0.21 0.00	20.24 -0.33 0.00	21.01 0.08 0.00	22.29 0.31 0.00	23.75 0.44 0.00	25.07 0.35 0.00	25.59 0.38 0.00	27.46 0.41 0.00	28.49 0.45 0.00	29.65 0.44 0.00	31.71 0.03 0.00	36.30 0.18 0.00	36.38 0.04 0.00	31.66 0.68 0.00	30.70 0.42 0.00	28.97 0.23 0.00	25.48 0.25 0.00	24.38 0.55 0.00
STA_56___34_KV_BUS2 355983	28.14 -0.03 0.00	25.11 0.22 0.00	23.74 0.09 0.00	22.43 0.11 0.00	21.97 0.26 0.00	21.42 -0.02 0.00	20.76 -0.21 0.00	20.24 -0.33 0.00	21.01 0.08 0.00	22.29 0.31 0.00	23.75 0.44 0.00	25.07 0.35 0.00	25.59 0.38 0.00	27.46 0.41 0.00	28.49 0.45 0.00	29.65 0.44 0.00	31.71 0.03 0.00	36.30 0.18 0.00	36.38 0.04 0.00	31.66 0.68 0.00	30.70 0.42 0.00	28.97 0.23 0.00	25.48 0.25 0.00	24.38 0.55 0.00
STA_67___115KV_BK2 355882	28.25 0.08 0.00	25.23 0.35 0.00	23.89 0.24 0.00	22.57 0.25 0.00	22.10 0.39 0.00	21.53 0.09 0.00	20.84 -0.13 0.00	20.30 -0.27 0.00	21.07 0.15 0.00	22.38 0.40 0.00	23.84 0.54 0.00	25.16 0.44 0.00	25.66 0.45 0.00	27.57 0.51 0.00	28.58 0.53 0.00	29.74 0.53 0.00	31.77 0.10 0.00	36.37 0.25 0.00	36.42 0.07 0.00	31.75 0.77 0.00	30.79 0.51 0.00	29.08 0.34 0.00	25.58 0.35 0.00	24.52 0.69 0.00
STA_7___115KV_9TRANS 80674	28.45 0.28 0.00	25.40 0.52 0.00	24.03 0.38 0.00	22.70 0.38 0.00	22.23 0.52 0.00	21.65 0.21 0.00	20.97 0.00 0.00	20.45 -0.12 0.00	21.24 0.31 0.00	22.56 0.57 0.00	24.03 0.72 0.00	25.36 0.64 0.00	25.89 0.68 0.00	27.82 0.76 0.00	28.83 0.79 0.00	30.00 0.79 0.00	32.06 0.38 0.00	36.73 0.61 0.00	36.78 0.44 0.00	32.06 1.08 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.78 0.56 0.00	24.71 0.88 0.00
STA_82___115KV_TB1 80780	28.25 0.08 0.00	25.23 0.35 0.00	23.89 0.24 0.00	22.57 0.25 0.00	22.10 0.39 0.00	21.53 0.09 0.00	20.86 -0.10 0.00	20.32 -0.25 0.00	21.09 0.17 0.00	22.40 0.42 0.00	23.84 0.54 0.00	25.16 0.44 0.00	25.66 0.45 0.00	27.57 0.51 0.00	28.61 0.56 0.00	29.74 0.53 0.00	31.80 0.13 0.00	36.41 0.29 0.00	36.45 0.11 0.00	31.78 0.81 0.00	30.82 0.54 0.00	29.08 0.34 0.00	25.58 0.35 0.00	24.55 0.71 0.00
STEEL___WIND 323596	28.47 0.31 0.00	25.60 0.72 0.00	24.29 0.64 0.00	23.04 0.71 0.00	22.56 0.85 0.00	21.83 0.39 0.00	21.51 0.54 0.00	20.67 0.10 0.00	21.60 0.67 0.00	22.84 0.86 0.00	24.28 0.98 0.00	25.61 0.89 0.00	26.09 0.88 0.00	27.98 0.92 0.00	29.08 1.04 0.00	30.17 0.96 0.00	32.62 0.95 0.00	36.34 0.22 0.00	36.38 0.04 0.00	32.09 1.11 0.00	31.06 0.79 0.00	29.68 0.95 0.00	25.86 0.63 0.00	25.14 1.31 0.00
STEPHTWN_115KV_BK_2 55603	29.43 1.27 0.00	25.90 1.02 0.00	24.60 0.95 0.00	23.19 0.87 0.00	22.51 0.80 0.00	22.30 0.86 0.00	21.70 0.73 0.00	21.21 0.64 0.00	21.64 0.71 0.00	22.71 0.73 0.00	24.07 0.77 0.00	25.58 0.87 0.00	26.09 0.88 0.00	28.09 1.03 0.00	29.11 1.07 0.00	30.32 1.11 0.00	33.07 1.39 0.00	37.56 1.44 0.00	37.83 1.49 0.00	32.18 1.21 0.00	31.51 1.24 0.00	29.92 1.18 0.00	26.16 0.93 0.00	24.64 0.81 0.00
STEUBEN_REC_LFGE 323667	29.43 1.07 -0.20	26.14 1.22 -0.04	24.67 1.02 0.00	23.35 1.03 0.00	22.86 1.15 0.00	22.25 0.81 0.00	21.51 0.55 0.00	20.92 0.35 0.00	21.79 0.86 0.00	23.09 1.10 0.00	24.68 1.28 -0.09	26.09 1.21 -0.16	26.62 1.26 -0.15	28.65 1.35 -0.24	29.76 1.43 -0.29	30.98 1.43 -0.34	33.10 1.05 -0.38	38.25 1.48 -0.65	38.40 1.34 -0.71	33.42 1.98 -0.46	32.36 1.67 -0.42	30.46 1.38 -0.34	26.62 1.21 -0.18	25.58 1.62 -0.13

STONY___BROOK 24151	34.67 3.58 -2.93	31.39 3.06 -3.45	27.62 2.84 -1.14	24.69 2.37 0.00	23.95 2.24 0.00	23.71 2.27 0.00	23.13 2.16 0.00	22.67 2.10 0.00	23.46 2.53 0.00	24.36 2.38 0.00	28.49 2.66 -2.53	28.90 2.84 -1.34	32.89 3.00 -4.69	35.14 3.27 -4.80	38.31 3.39 -6.87	40.68 3.71 -7.76	42.48 3.96 -6.84	43.63 4.51 -3.00	66.81 4.43 -26.03	43.35 3.41 -8.96	41.80 3.48 -8.04	35.20 3.27 -3.19	30.47 3.10 -2.14	27.76 2.79 -1.14
STURGEON_POOL_HYD 23609	30.22 2.06 0.00	26.60 1.72 0.00	25.28 1.63 0.00	23.73 1.41 0.00	23.01 1.30 0.00	22.85 1.42 0.00	22.20 1.24 0.00	21.72 1.15 0.00	22.29 1.36 0.00	23.46 1.47 0.00	24.89 1.58 0.00	26.45 1.73 0.00	27.00 1.79 0.00	28.98 1.92 0.00	30.04 1.99 0.00	31.31 2.10 0.00	34.18 2.50 0.00	38.72 2.60 0.00	39.00 2.65 0.00	32.74 1.77 0.00	32.18 1.91 0.00	30.78 2.04 0.00	27.09 1.87 0.00	25.41 1.57 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.99 1.83 0.00	26.40 1.52 0.00	25.09 1.44 0.00	23.55 1.23 0.00	22.86 1.15 0.00	22.70 1.26 0.00	22.08 1.11 0.00	21.64 1.07 0.00	22.22 1.30 0.00	23.37 1.39 0.00	24.80 1.49 0.00	26.38 1.66 0.00	26.92 1.71 0.00	28.90 1.84 0.00	29.95 1.91 0.00	31.23 2.02 0.00	34.02 2.34 0.00	38.58 2.46 0.00	38.82 2.47 0.00	32.71 1.73 0.00	32.12 1.85 0.00	30.63 1.90 0.00	26.94 1.72 0.00	25.29 1.45 0.00
SWANROAD_115KV_TB1 355699	27.99 -0.17 0.00	24.93 0.05 0.00	23.84 0.19 0.00	22.55 0.22 0.00	21.93 0.22 0.00	21.40 -0.04 0.00	20.55 -0.42 0.00	19.71 -0.86 0.00	20.68 -0.25 0.00	22.07 0.09 0.00	23.54 0.23 0.00	24.79 0.07 0.00	25.26 0.05 0.00	27.11 0.05 0.00	28.16 0.11 0.00	29.21 0.00 0.00	30.92 -0.76 0.00	35.29 -0.83 0.00	35.25 -1.09 0.00	31.13 0.15 0.00	30.12 -0.15 0.00	28.42 -0.32 0.00	25.10 -0.13 0.00	24.57 0.74 0.00
SYNERGY___BIOGAS 323694	28.67 0.51 0.00	25.78 0.89 0.00	24.48 0.83 0.00	23.10 0.78 0.00	22.73 1.02 0.00	22.02 0.58 0.00	21.64 0.67 0.00	20.82 0.25 0.00	21.66 0.73 0.00	22.87 0.88 0.00	24.31 1.00 0.00	25.58 0.86 0.00	26.09 0.88 0.00	28.03 0.97 0.00	29.11 1.07 0.00	30.23 1.02 0.00	32.78 1.11 0.00	36.66 0.54 0.00	36.78 0.44 0.00	32.46 1.49 0.00	31.39 1.12 0.00	29.94 1.21 0.00	26.06 0.83 0.00	25.24 1.41 0.00
SYRACUSE___ENERGY_ST1 323597	28.85 -0.08 -0.77	25.05 0.00 -0.17	23.60 -0.05 0.00	22.32 0.00 0.00	21.73 0.02 0.00	21.40 -0.04 0.00	20.82 -0.15 0.00	20.41 -0.16 0.00	20.91 -0.02 0.00	22.03 0.04 0.00	23.72 0.07 -0.35	25.38 0.05 -0.62	25.80 0.03 -0.56	27.99 0.03 -0.91	29.17 0.03 -1.10	30.52 0.00 -1.31	33.07 -0.06 -1.46	38.66 0.04 -2.51	39.04 -0.04 -2.74	32.91 0.15 -1.78	31.97 0.06 -1.63	30.05 0.00 -1.31	25.95 0.03 -0.70	24.42 0.10 -0.49
SYRACUSE___ENERGY_ST2 323598	28.85 -0.08 -0.77	25.05 0.00 -0.17	23.60 -0.05 0.00	22.32 0.00 0.00	21.73 0.02 0.00	21.40 -0.04 0.00	20.82 -0.15 0.00	20.41 -0.16 0.00	20.91 -0.02 0.00	22.03 0.04 0.00	23.72 0.07 -0.35	25.38 0.05 -0.62	25.80 0.03 -0.56	27.99 0.03 -0.91	29.17 0.03 -1.10	30.52 0.00 -1.31	33.07 -0.06 -1.46	38.66 0.04 -2.51	39.04 -0.04 -2.74	32.91 0.15 -1.78	31.97 0.06 -1.63	30.05 0.00 -1.31	25.95 0.03 -0.70	24.42 0.10 -0.49
SYRACUSE___POWER 24017	28.50 -0.17 -0.50	24.92 -0.07 -0.11	23.56 -0.09 0.00	22.28 -0.04 0.00	21.69 -0.02 0.00	21.35 -0.09 0.00	20.78 -0.19 0.00	20.34 -0.23 0.00	20.86 -0.06 0.00	21.96 -0.02 0.00	23.56 0.02 -0.23	25.12 0.00 -0.40	25.53 -0.05 -0.37	27.60 -0.05 -0.59	28.71 -0.06 -0.72	30.01 -0.06 -0.86	32.47 -0.16 -0.95	37.72 -0.04 -1.64	38.03 -0.11 -1.79	32.20 0.06 -1.16	31.34 0.00 -1.07	29.51 -0.09 -0.86	25.66 -0.03 -0.46	24.22 0.07 -0.32
TALLMAN___138KV_BK151 55660	30.22 2.06 0.00	26.60 1.72 0.00	25.26 1.61 0.00	23.71 1.38 0.00	22.99 1.28 0.00	22.85 1.42 0.00	22.22 1.26 0.00	21.80 1.23 0.00	22.43 1.51 0.00	23.61 1.63 0.00	25.05 1.75 0.00	26.65 1.93 0.00	27.23 2.02 0.00	29.22 2.16 0.00	30.29 2.24 0.00	31.55 2.34 0.00	34.40 2.72 0.00	38.94 2.82 0.00	39.14 2.80 0.00	32.93 1.95 0.00	32.36 2.09 0.00	30.92 2.18 0.00	27.20 1.97 0.00	25.50 1.67 0.00
TEALLAVE_115KV_TB7 355573	28.30 -0.28 -0.41	24.82 -0.15 -0.09	23.51 -0.14 0.00	22.21 -0.11 0.00	21.62 -0.09 0.00	21.29 -0.15 0.00	20.72 -0.25 0.00	20.28 -0.29 0.00	20.80 -0.13 0.00	21.90 -0.09 0.00	23.45 -0.05 -0.19	24.97 -0.07 -0.33	25.38 -0.13 -0.30	27.38 -0.16 -0.49	28.47 -0.17 -0.59	29.74 -0.18 -0.70	32.17 -0.29 -0.78	37.25 -0.22 -1.34	37.52 -0.29 -1.47	31.87 -0.06 -0.95	31.00 -0.15 -0.87	29.24 -0.20 -0.70	25.47 -0.13 -0.37	24.09 0.00 -0.26
TELGRAPH_34_KV_EAST 80808	28.56 0.39 0.00	25.50 0.62 0.00	24.24 0.59 0.00	22.92 0.60 0.00	22.38 0.67 0.00	21.78 0.34 0.00	20.97 0.00 0.00	20.22 -0.35 0.00	21.18 0.25 0.00	22.58 0.59 0.00	24.07 0.77 0.00	25.36 0.64 0.00	25.87 0.66 0.00	27.76 0.70 0.00	28.83 0.79 0.00	29.91 0.70 0.00	31.74 0.06 0.00	36.30 0.18 0.00	36.31 -0.04 0.00	32.00 1.02 0.00	30.94 0.67 0.00	29.17 0.43 0.00	25.71 0.48 0.00	25.02 1.19 0.00
TEMPLE___115KV_TB 2 55572	28.32 -0.25 -0.41	24.82 -0.15 -0.09	23.51 -0.14 0.00	22.21 -0.11 0.00	21.65 -0.07 0.00	21.31 -0.13 0.00	20.74 -0.23 0.00	20.30 -0.27 0.00	20.80 -0.13 0.00	21.92 -0.07 0.00	23.47 -0.02 -0.19	24.97 -0.07 -0.33	25.41 -0.10 -0.30	27.41 -0.14 -0.48	28.49 -0.14 -0.59	29.77 -0.15 -0.70	32.20 -0.25 -0.78	37.28 -0.18 -1.34	37.55 -0.25 -1.46	31.90 -0.03 -0.95	31.03 -0.12 -0.87	29.26 -0.17 -0.70	25.50 -0.10 -0.37	24.09 0.00 -0.26
TIANA___69_KV_BK 1 55817	35.07 3.97 -2.93	31.71 3.38 -3.45	28.00 3.22 -1.14	25.13 2.81 0.00	24.27 2.56 0.00	24.03 2.59 0.00	23.27 2.31 0.00	23.26 2.69 0.00	23.90 2.97 0.00	24.93 2.95 0.00	28.73 2.89 -2.53	29.12 3.07 -1.34	33.15 3.25 -4.69	35.41 3.54 -4.80	38.59 3.67 -6.87	40.97 4.00 -7.76	43.05 4.53 -6.84	44.17 5.06 -3.00	64.94 5.05 -23.54	43.84 3.90 -8.96	42.19 3.87 -8.04	35.61 3.68 -3.19	30.67 3.30 -2.14	27.98 3.00 -1.14
TILDEN___115KV_TB1 80814	28.50 -0.17 -0.50	24.92 -0.07 -0.11	23.56 -0.09 0.00	22.28 -0.04 0.00	21.69 -0.02 0.00	21.35 -0.09 0.00	20.78 -0.19 0.00	20.34 -0.23 0.00	20.86 -0.06 0.00	21.96 -0.02 0.00	23.56 0.02 -0.23	25.12 0.00 -0.40	25.53 -0.05 -0.37	27.60 -0.05 -0.59	28.71 -0.06 -0.72	30.01 -0.06 -0.86	32.47 -0.16 -0.95	37.72 -0.04 -1.64	38.03 -0.11 -1.79	32.20 0.06 -1.16	31.34 0.00 -1.07	29.51 -0.09 -0.86	25.66 -0.03 -0.46	24.22 0.07 -0.32
TRIGEN___CC 323695	33.83 2.73 -2.93	30.67 2.34 -3.45	26.96 2.18 -1.14	24.20 1.88 0.00	23.40 1.69 0.00	23.22 1.78 0.00	22.54 1.57 0.00	22.28 1.71 0.00	22.89 1.97 0.00	24.10 2.11 0.00	28.08 2.24 -2.53	28.48 2.42 -1.34	32.39 2.50 -4.69	34.51 2.65 -4.80	37.66 2.75 -6.87	39.89 2.92 -7.76	41.81 3.29 -6.84	42.58 3.47 -3.00	45.25 3.42 -5.49	42.45 2.51 -8.96	40.98 2.66 -8.04	34.66 2.73 -3.19	29.91 2.55 -2.14	27.21 2.24 -1.14

TRINITY__115KV__4 BK 55933	29.21 1.04 0.00	25.70 0.82 0.00	24.45 0.80 0.00	23.04 0.71 0.00	22.36 0.65 0.00	22.15 0.71 0.00	21.55 0.59 0.00	21.04 0.47 0.00	21.47 0.54 0.00	22.54 0.55 0.00	23.89 0.58 0.00	25.39 0.67 0.00	25.89 0.68 0.00	27.82 0.76 0.00	28.83 0.79 0.00	30.06 0.85 0.00	32.75 1.08 0.00	37.20 1.08 0.00	37.51 1.16 0.00	31.84 0.87 0.00	31.21 0.94 0.00	29.66 0.92 0.00	25.96 0.73 0.00	24.45 0.62 0.00
UNION__PROCESSING_DRP 323587	28.28 0.11 0.00	25.23 0.35 0.00	23.89 0.24 0.00	22.59 0.27 0.00	22.12 0.41 0.00	21.55 0.11 0.00	20.86 -0.10 0.00	20.32 -0.25 0.00	21.09 0.17 0.00	22.40 0.42 0.00	23.86 0.56 0.00	25.19 0.47 0.00	25.69 0.48 0.00	27.60 0.54 0.00	28.61 0.56 0.00	29.76 0.55 0.00	31.80 0.13 0.00	36.41 0.29 0.00	36.45 0.11 0.00	31.78 0.81 0.00	30.82 0.54 0.00	29.11 0.37 0.00	25.61 0.38 0.00	24.55 0.71 0.00
UPPER HUDSON__HYD 24058	29.77 1.60 0.00	26.17 1.29 0.00	24.86 1.21 0.00	23.42 1.09 0.00	22.77 1.06 0.00	22.53 1.09 0.00	22.04 1.07 0.00	21.41 0.84 0.00	21.87 0.94 0.00	23.02 1.03 0.00	24.24 0.93 0.00	25.63 0.92 0.00	26.04 0.83 0.00	27.95 0.89 0.00	29.00 0.95 0.00	30.20 0.99 0.00	32.88 1.20 0.00	37.49 1.37 0.00	38.20 1.85 0.00	32.62 1.64 0.00	32.00 1.72 0.00	30.37 1.64 0.00	26.54 1.31 0.00	24.98 1.14 0.00
UPPER RAQUET__HYD 24056	27.79 -0.51 -0.13	24.39 -0.52 -0.03	23.13 -0.52 0.00	21.83 -0.49 0.00	21.21 -0.50 0.00	20.95 -0.49 0.00	20.49 -0.48 0.00	20.38 -0.19 0.00	20.53 -0.40 0.00	21.48 -0.50 0.00	22.80 -0.56 -0.06	24.20 -0.62 -0.10	24.67 -0.63 -0.09	26.53 -0.68 -0.15	27.53 -0.70 -0.18	28.70 -0.73 -0.22	31.06 -0.85 -0.24	35.82 -0.72 -0.42	36.18 -0.62 -0.46	30.78 -0.50 -0.30	30.00 -0.54 -0.27	28.35 -0.60 -0.22	24.76 -0.58 -0.12	23.34 -0.57 -0.08
VALLEY44_115KV_TB2 355964	28.45 0.28 0.00	25.45 0.57 0.00	24.17 0.52 0.00	22.84 0.51 0.00	22.38 0.67 0.00	21.74 0.30 0.00	21.01 0.04 0.00	20.34 -0.23 0.00	21.39 0.46 0.00	22.78 0.79 0.00	24.28 0.98 0.00	25.58 0.87 0.00	26.12 0.91 0.00	28.01 0.95 0.00	29.05 1.01 0.00	30.14 0.93 0.00	32.15 0.48 0.00	36.70 0.58 0.00	36.63 0.29 0.00	32.15 1.18 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.76 0.53 0.00	24.98 1.14 0.00
VALLEY__115KV_TB 1-4 80826	28.28 0.11 0.00	24.96 0.07 0.00	23.74 0.09 0.00	22.39 0.07 0.00	21.78 0.07 0.00	21.48 0.04 0.00	20.99 0.02 0.00	20.55 -0.02 0.00	20.97 0.04 0.00	22.01 0.02 0.00	23.33 0.02 0.00	24.72 0.00 0.00	25.16 -0.05 0.00	26.92 -0.14 0.00	27.90 -0.14 0.00	29.01 -0.20 0.00	31.49 -0.19 0.00	35.98 -0.14 0.00	36.23 -0.11 0.00	30.88 -0.09 0.00	30.21 -0.06 0.00	28.71 -0.03 0.00	25.18 -0.05 0.00	23.81 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.96 1.66 -0.13	26.35 1.44 -0.03	25.02 1.37 0.00	23.64 1.32 0.00	22.97 1.26 0.00	22.68 1.24 0.00	22.10 1.13 0.00	21.60 1.03 0.00	22.22 1.30 0.00	23.28 1.30 0.00	24.79 1.42 -0.06	26.33 1.51 -0.11	26.79 1.49 -0.10	28.84 1.62 -0.16	29.98 1.74 -0.19	31.22 1.78 -0.23	33.89 1.96 -0.25	38.83 2.28 -0.44	39.07 2.25 -0.48	33.24 1.95 -0.31	32.49 1.94 -0.28	30.77 1.81 -0.23	26.89 1.54 -0.12	25.35 1.43 -0.08
VISCHER__FERRY HYD 24020	29.66 1.49 0.00	26.13 1.24 0.00	24.83 1.18 0.00	23.37 1.05 0.00	22.69 0.98 0.00	22.47 1.03 0.00	21.97 1.01 0.00	21.29 0.72 0.00	21.77 0.84 0.00	22.89 0.90 0.00	24.21 0.91 0.00	25.73 1.01 0.00	26.22 1.01 0.00	28.19 1.14 0.00	29.20 1.15 0.00	30.44 1.23 0.00	33.07 1.39 0.00	37.71 1.59 0.00	38.05 1.71 0.00	32.37 1.40 0.00	31.70 1.42 0.00	30.06 1.32 0.00	26.36 1.14 0.00	24.83 1.00 0.00
V_A_10_SYNC_DSASP 323832	27.94 -0.23 0.00	25.06 0.17 0.00	23.72 0.07 0.00	22.43 0.11 0.00	21.99 0.28 0.00	21.33 -0.11 0.00	20.61 -0.36 0.00	19.99 -0.58 0.00	20.86 -0.06 0.00	22.23 0.24 0.00	23.68 0.37 0.00	24.99 0.27 0.00	25.46 0.25 0.00	27.33 0.27 0.00	28.35 0.31 0.00	29.44 0.23 0.00	31.30 -0.38 0.00	35.76 -0.36 0.00	35.73 -0.62 0.00	31.38 0.40 0.00	30.39 0.12 0.00	28.71 -0.03 0.00	25.30 0.08 0.00	24.45 0.62 0.00
V_CMM_10_SYNC_DSASP 323787	27.54 -0.62 0.00	24.28 -0.60 0.00	23.08 -0.57 0.00	21.79 -0.54 0.00	21.17 -0.54 0.00	20.92 -0.51 0.00	20.46 -0.50 0.00	20.34 -0.23 0.00	20.49 -0.44 0.00	21.48 -0.50 0.00	22.74 -0.56 0.00	24.10 -0.62 0.00	24.60 -0.61 0.00	26.41 -0.65 0.00	27.34 -0.70 0.00	28.48 -0.73 0.00	30.82 -0.85 0.00	35.29 -0.83 0.00	35.54 -0.80 0.00	30.27 -0.71 0.00	29.55 -0.73 0.00	27.99 -0.75 0.00	24.57 -0.66 0.00	23.19 -0.64 0.00
V_CMP_10_SYNC_DSASP 323788	28.02 -0.14 0.00	24.73 -0.15 0.00	23.51 -0.14 0.00	22.19 -0.13 0.00	21.60 -0.11 0.00	21.33 -0.11 0.00	20.86 -0.10 0.00	20.75 0.18 0.00	20.95 0.02 0.00	21.96 -0.02 0.00	23.23 -0.07 0.00	24.60 -0.12 0.00	25.08 -0.13 0.00	26.95 -0.11 0.00	27.91 -0.14 0.00	29.04 -0.17 0.00	31.36 -0.32 0.00	35.94 -0.18 0.00	36.24 -0.11 0.00	30.88 -0.09 0.00	30.06 -0.21 0.00	28.39 -0.34 0.00	24.87 -0.35 0.00	23.50 -0.33 0.00
V_E_10_SYNC_DSASP 323830	30.71 2.25 -0.29	26.99 2.04 -0.06	25.52 1.87 0.00	24.13 1.81 0.00	23.47 1.76 0.00	23.07 1.63 0.00	22.66 1.70 0.00	22.05 1.48 0.00	22.62 1.69 0.00	23.52 1.54 0.00	25.04 1.61 -0.13	26.55 1.61 -0.23	26.98 1.56 -0.21	29.07 1.68 -0.34	30.28 1.82 -0.41	31.57 1.87 -0.49	34.37 2.15 -0.54	39.80 2.74 -0.93	40.31 2.94 -1.02	34.61 2.97 -0.66	33.76 2.88 -0.61	31.92 2.70 -0.49	27.66 2.17 -0.26	26.16 2.15 -0.18
V_F_30_NSYNC__DSASP 323816	29.97 1.80 0.00	26.40 1.52 0.00	25.07 1.42 0.00	23.62 1.29 0.00	22.95 1.24 0.00	22.70 1.26 0.00	22.20 1.24 0.00	21.54 0.97 0.00	22.01 1.09 0.00	23.15 1.16 0.00	24.49 1.19 0.00	25.98 1.26 0.00	26.47 1.26 0.00	28.46 1.41 0.00	29.50 1.46 0.00	30.73 1.52 0.00	33.42 1.74 0.00	38.11 1.99 0.00	38.52 2.18 0.00	32.83 1.86 0.00	32.18 1.91 0.00	30.49 1.75 0.00	26.72 1.49 0.00	25.14 1.31 0.00
V_F_30_SYNC_DSASP 323786	29.29 1.13 0.00	25.80 0.92 0.00	24.50 0.85 0.00	23.10 0.78 0.00	22.43 0.72 0.00	22.21 0.77 0.00	21.62 0.65 0.00	21.10 0.53 0.00	21.53 0.61 0.00	22.62 0.64 0.00	23.96 0.65 0.00	25.46 0.74 0.00	25.99 0.78 0.00	27.95 0.89 0.00	28.97 0.93 0.00	30.17 0.96 0.00	32.91 1.24 0.00	37.35 1.23 0.00	37.65 1.31 0.00	32.00 1.02 0.00	31.33 1.06 0.00	29.77 1.03 0.00	26.06 0.83 0.00	24.55 0.71 0.00
V_XM_10_SYNC_DSASP 323789	28.02 -0.14 0.00	24.73 -0.15 0.00	23.51 -0.14 0.00	22.19 -0.13 0.00	21.60 -0.11 0.00	21.33 -0.11 0.00	20.86 -0.10 0.00	20.75 0.18 0.00	20.95 0.02 0.00	21.96 -0.02 0.00	23.23 -0.07 0.00	24.60 -0.12 0.00	25.08 -0.13 0.00	26.95 -0.11 0.00	27.91 -0.14 0.00	29.04 -0.17 0.00	31.36 -0.32 0.00	35.94 -0.18 0.00	36.24 -0.11 0.00	30.88 -0.09 0.00	30.06 -0.21 0.00	28.39 -0.34 0.00	24.87 -0.35 0.00	23.50 -0.33 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.33 2.17 0.00	26.70 1.82 0.00	25.35 1.70 0.00	23.77 1.45 0.00	23.08 1.37 0.00	22.92 1.48 0.00	22.31 1.34 0.00	21.89 1.32 0.00	22.50 1.57 0.00	23.68 1.69 0.00	25.15 1.84 0.00	26.75 2.03 0.00	27.30 2.09 0.00	29.33 2.27 0.00	30.37 2.33 0.00	31.66 2.45 0.00	34.49 2.82 0.00	39.08 2.96 0.00	39.29 2.94 0.00	33.08 2.11 0.00	32.51 2.24 0.00	31.04 2.30 0.00	27.30 2.07 0.00	25.60 1.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.59 2.42 0.00	26.92 2.04 0.00	25.54 1.89 0.00	23.93 1.61 0.00	23.19 1.48 0.00	23.09 1.65 0.00	22.46 1.49 0.00	22.05 1.48 0.00	22.68 1.76 0.00	23.88 1.89 0.00	25.36 2.05 0.00	26.97 2.25 0.00	27.58 2.37 0.00	29.57 2.52 0.00	30.60 2.55 0.00	31.93 2.72 0.00	34.75 3.07 0.00	39.26 3.14 0.00	39.43 3.09 0.00	33.08 2.11 0.00	32.57 2.30 0.00	31.24 2.50 0.00	27.55 2.32 0.00	25.81 1.98 0.00
W50THST__13_KV_LOAD 356117	30.75 2.59 0.00	27.07 2.19 0.00	25.68 2.03 0.00	24.06 1.74 0.00	23.32 1.61 0.00	23.22 1.78 0.00	22.58 1.61 0.00	22.19 1.63 0.00	22.81 1.88 0.00	24.01 2.02 0.00	25.50 2.19 0.00	27.14 2.42 0.00	27.73 2.52 0.00	29.74 2.68 0.00	30.79 2.75 0.00	32.10 2.89 0.00	34.97 3.29 0.00	39.52 3.40 0.00	39.69 3.34 0.00	33.27 2.29 0.00	32.76 2.48 0.00	31.44 2.70 0.00	27.70 2.47 0.00	25.98 2.14 0.00
WADING RIVER_IC_1 23522	34.56 3.46 -2.93	31.34 3.01 -3.45	27.60 2.81 -1.14	24.69 2.37 0.00	23.93 2.22 0.00	23.69 2.25 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.08 2.09 0.00	28.22 2.38 -2.53	28.58 2.52 -1.34	32.57 2.67 -4.69	34.79 2.92 -4.80	37.94 3.03 -6.87	40.30 3.33 -7.76	42.13 3.61 -6.84	43.30 4.19 -3.00	63.98 4.14 -23.49	43.07 3.13 -8.96	41.49 3.18 -8.04	34.86 2.93 -3.19	30.16 2.80 -2.14	27.50 2.53 -1.14
WADING RIVER_IC_2 23547	34.56 3.46 -2.93	31.34 3.01 -3.45	27.60 2.81 -1.14	24.69 2.37 0.00	23.93 2.22 0.00	23.69 2.25 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.08 2.09 0.00	28.22 2.38 -2.53	28.58 2.52 -1.34	32.57 2.67 -4.69	34.79 2.92 -4.80	37.94 3.03 -6.87	40.30 3.33 -7.76	42.13 3.61 -6.84	43.30 4.19 -3.00	63.98 4.14 -23.49	43.07 3.13 -8.96	41.49 3.18 -8.04	34.86 2.93 -3.19	30.16 2.80 -2.14	27.50 2.53 -1.14
WADING RIVER_IC_3 23601	34.56 3.46 -2.93	31.34 3.01 -3.45	27.60 2.81 -1.14	24.69 2.37 0.00	23.93 2.22 0.00	23.69 2.25 0.00	23.11 2.14 0.00	22.77 2.20 0.00	23.56 2.64 0.00	24.08 2.09 0.00	28.22 2.38 -2.53	28.58 2.52 -1.34	32.57 2.67 -4.69	34.79 2.92 -4.80	37.94 3.03 -6.87	40.30 3.33 -7.76	42.13 3.61 -6.84	43.30 4.19 -3.00	63.98 4.14 -23.49	43.07 3.13 -8.96	41.49 3.18 -8.04	34.86 2.93 -3.19	30.16 2.80 -2.14	27.50 2.53 -1.14
WALDENNY_I2_KV_BK2 80841	28.61 0.45 0.00	25.63 0.75 0.00	24.31 0.66 0.00	22.99 0.67 0.00	22.51 0.80 0.00	21.83 0.39 0.00	21.05 0.08 0.00	20.32 -0.25 0.00	21.32 0.40 0.00	22.78 0.79 0.00	24.31 1.00 0.00	25.61 0.89 0.00	26.12 0.91 0.00	28.01 0.95 0.00	29.08 1.04 0.00	30.17 0.96 0.00	31.99 0.32 0.00	36.55 0.43 0.00	36.49 0.15 0.00	32.12 1.15 0.00	31.09 0.82 0.00	29.31 0.57 0.00	25.83 0.61 0.00	25.14 1.31 0.00
WALDEN___HYDRO 24148	30.25 2.08 0.00	26.62 1.74 0.00	25.28 1.63 0.00	23.71 1.38 0.00	23.04 1.32 0.00	22.88 1.44 0.00	22.35 1.38 0.00	21.72 1.15 0.00	22.27 1.34 0.00	23.44 1.45 0.00	24.87 1.56 0.00	26.42 1.70 0.00	26.97 1.76 0.00	28.98 1.92 0.00	30.04 1.99 0.00	31.31 2.10 0.00	34.02 2.34 0.00	38.79 2.67 0.00	39.10 2.76 0.00	32.96 1.98 0.00	32.36 2.09 0.00	30.78 2.04 0.00	27.14 1.92 0.00	25.45 1.62 0.00
WARRENSBURG____ 23737	29.77 1.60 0.00	26.17 1.29 0.00	24.86 1.21 0.00	23.42 1.09 0.00	22.77 1.06 0.00	22.53 1.09 0.00	22.04 1.07 0.00	21.41 0.84 0.00	21.87 0.94 0.00	23.02 1.03 0.00	24.24 0.93 0.00	25.63 0.92 0.00	26.04 0.83 0.00	27.95 0.89 0.00	29.00 0.95 0.00	30.20 0.99 0.00	32.88 1.20 0.00	37.49 1.37 0.00	38.20 1.85 0.00	32.62 1.64 0.00	32.00 1.72 0.00	30.37 1.64 0.00	26.54 1.31 0.00	24.98 1.14 0.00
WATERSIDE___6 8 9 23538	30.67 2.51 0.00	27.00 2.11 0.00	25.59 1.94 0.00	23.97 1.65 0.00	23.23 1.52 0.00	23.11 1.67 0.00	22.43 1.47 0.00	22.01 1.44 0.00	22.60 1.67 0.00	23.79 1.80 0.00	25.31 2.00 0.00	26.92 2.20 0.00	27.53 2.32 0.00	29.52 2.46 0.00	30.57 2.52 0.00	31.87 2.66 0.00	34.59 2.91 0.00	39.08 2.96 0.00	39.29 2.94 0.00	32.93 1.95 0.00	32.45 2.18 0.00	31.29 2.56 0.00	27.62 2.40 0.00	25.90 2.07 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.28 0.11 0.00	24.96 0.07 0.00	23.72 0.07 0.00	22.39 0.07 0.00	21.78 0.07 0.00	21.48 0.04 0.00	20.99 0.02 0.00	20.55 -0.02 0.00	20.97 0.04 0.00	22.01 0.02 0.00	23.33 0.02 0.00	24.74 0.02 0.00	25.21 0.00 0.00	27.03 -0.03 0.00	28.02 -0.03 0.00	29.15 -0.06 0.00	31.64 -0.03 0.00	36.12 0.00 0.00	36.38 0.04 0.00	31.01 0.03 0.00	30.33 0.06 0.00	28.79 0.06 0.00	25.25 0.03 0.00	23.86 0.02 0.00
WATSON___69_KV_BK 1 55734	34.93 3.83 -2.93	31.57 3.23 -3.45	27.84 3.05 -1.14	24.98 2.66 0.00	24.12 2.41 0.00	23.88 2.44 0.00	23.15 2.18 0.00	22.98 2.41 0.00	23.63 2.70 0.00	24.82 2.84 0.00	28.73 2.89 -2.53	29.17 3.11 -1.34	33.17 3.28 -4.69	35.43 3.57 -4.80	38.62 3.70 -6.87	40.97 4.00 -7.76	43.02 4.50 -6.84	44.06 4.95 -3.00	63.75 4.87 -22.54	43.75 3.81 -8.96	42.19 3.87 -8.04	35.69 3.76 -3.19	30.74 3.38 -2.14	28.05 3.07 -1.14
WDELAWARE___HYD 323627	29.91 1.75 0.00	26.32 1.44 0.00	24.97 1.32 0.00	23.42 1.09 0.00	22.75 1.04 0.00	22.58 1.14 0.00	22.08 1.11 0.00	21.45 0.88 0.00	21.99 1.07 0.00	23.13 1.14 0.00	24.54 1.23 0.00	26.08 1.36 0.00	26.62 1.41 0.00	28.60 1.54 0.00	29.67 1.63 0.00	30.93 1.72 0.00	33.61 1.93 0.00	38.40 2.28 0.00	38.74 2.40 0.00	32.59 1.61 0.00	32.00 1.72 0.00	30.43 1.70 0.00	26.84 1.62 0.00	25.14 1.31 0.00
WEST BABYLON___IC 23714	34.70 3.60 -2.93	31.39 3.06 -3.45	27.67 2.89 -1.14	24.82 2.50 0.00	23.99 2.28 0.00	23.76 2.32 0.00	23.04 2.08 0.00	22.83 2.26 0.00	23.46 2.53 0.00	24.67 2.68 0.00	28.61 2.77 -2.53	29.05 2.99 -1.34	33.05 3.15 -4.69	35.27 3.41 -4.80	38.45 3.53 -6.87	40.79 3.83 -7.76	42.83 4.31 -6.84	43.78 4.66 -3.00	52.65 4.62 -11.69	43.53 3.59 -8.96	42.01 3.69 -8.04	35.52 3.59 -3.19	30.62 3.25 -2.14	27.91 2.93 -1.14
WEST CANADA___HYD 24049	28.28 0.11 0.00	24.98 0.10 0.00	23.74 0.09 0.00	22.41 0.09 0.00	21.80 0.09 0.00	21.53 0.09 0.00	21.05 0.08 0.00	20.59 0.02 0.00	20.99 0.06 0.00	22.05 0.07 0.00	23.37 0.07 0.00	24.79 0.07 0.00	25.29 0.08 0.00	27.14 0.08 0.00	28.16 0.11 0.00	29.33 0.12 0.00	31.80 0.13 0.00	36.27 0.15 0.00	36.49 0.15 0.00	31.10 0.12 0.00	30.39 0.12 0.00	28.85 0.12 0.00	25.33 0.10 0.00	23.93 0.10 0.00



WESTERN_NY_WIND 24143	28.64 0.48 0.00	25.75 0.87 0.00	24.48 0.83 0.00	23.10 0.78 0.00	22.73 1.02 0.00	22.00 0.56 0.00	21.62 0.65 0.00	20.80 0.23 0.00	21.64 0.71 0.00	22.84 0.86 0.00	24.28 0.98 0.00	25.56 0.84 0.00	26.07 0.86 0.00	28.00 0.95 0.00	29.08 1.04 0.00	30.20 0.99 0.00	32.72 1.04 0.00	36.63 0.51 0.00	36.71 0.36 0.00	32.43 1.46 0.00	31.36 1.09 0.00	29.92 1.18 0.00	26.03 0.81 0.00	25.24 1.41 0.00
WESTOVER___LESR 323668	28.93 0.48 -0.28	25.49 0.55 -0.06	24.15 0.50 0.00	22.81 0.49 0.00	22.23 0.52 0.00	21.87 0.43 0.00	21.24 0.27 0.00	20.73 0.16 0.00	21.37 0.44 0.00	22.54 0.55 0.00	24.09 0.65 -0.13	25.59 0.64 -0.23	26.07 0.66 -0.21	28.07 0.68 -0.33	29.18 0.73 -0.41	30.43 0.73 -0.48	32.88 0.67 -0.54	37.88 0.83 -0.92	38.12 0.76 -1.01	32.56 0.93 -0.65	31.66 0.79 -0.60	29.88 0.66 -0.48	26.09 0.61 -0.26	24.73 0.71 -0.18
WETHRSFD_WT_PWR 323626	28.45 0.28 0.00	25.53 0.65 0.00	24.19 0.54 0.00	22.95 0.62 0.00	22.45 0.74 0.00	21.78 0.34 0.00	21.45 0.48 0.00	20.67 0.10 0.00	21.51 0.59 0.00	22.73 0.75 0.00	24.14 0.84 0.00	25.46 0.74 0.00	25.97 0.76 0.00	27.87 0.81 0.00	28.92 0.87 0.00	30.03 0.82 0.00	32.47 0.79 0.00	36.37 0.25 0.00	36.42 0.07 0.00	32.03 1.05 0.00	31.03 0.76 0.00	29.63 0.89 0.00	25.81 0.58 0.00	24.98 1.14 0.00
WHAVSTOR_138KV_BK127 55557	30.19 2.03 0.00	26.60 1.72 0.00	25.26 1.61 0.00	23.68 1.36 0.00	22.97 1.26 0.00	22.83 1.39 0.00	22.22 1.26 0.00	21.80 1.23 0.00	22.41 1.49 0.00	23.59 1.61 0.00	25.03 1.72 0.00	26.62 1.90 0.00	27.20 1.99 0.00	29.20 2.14 0.00	30.23 2.19 0.00	31.52 2.31 0.00	34.34 2.66 0.00	38.87 2.75 0.00	39.07 2.73 0.00	32.90 1.92 0.00	32.33 2.06 0.00	30.89 2.16 0.00	27.17 1.94 0.00	25.48 1.64 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.19 2.03 0.00	26.60 1.72 0.00	25.26 1.61 0.00	23.68 1.36 0.00	22.97 1.26 0.00	22.83 1.39 0.00	22.22 1.26 0.00	21.80 1.23 0.00	22.41 1.49 0.00	23.59 1.61 0.00	25.03 1.72 0.00	26.62 1.90 0.00	27.20 1.99 0.00	29.20 2.14 0.00	30.23 2.19 0.00	31.52 2.31 0.00	34.34 2.66 0.00	38.87 2.75 0.00	39.07 2.73 0.00	32.90 1.92 0.00	32.33 2.06 0.00	30.89 2.16 0.00	27.17 1.94 0.00	25.48 1.64 0.00
WHITEHAL_115KV_TB1 80871	30.45 2.28 0.00	26.77 1.89 0.00	25.38 1.73 0.00	23.93 1.61 0.00	23.27 1.56 0.00	23.00 1.57 0.00	22.39 1.43 0.00	21.91 1.34 0.00	22.37 1.44 0.00	23.55 1.56 0.00	24.80 1.49 0.00	26.23 1.51 0.00	26.70 1.49 0.00	28.68 1.62 0.00	29.76 1.71 0.00	30.99 1.78 0.00	33.89 2.22 0.00	38.58 2.46 0.00	39.25 2.91 0.00	33.64 2.66 0.00	32.97 2.69 0.00	31.24 2.50 0.00	27.17 1.94 0.00	25.55 1.72 0.00
WHITEPLN_13_KV_LOAD 356215	30.70 2.53 0.00	27.02 2.14 0.00	25.64 1.99 0.00	24.02 1.70 0.00	23.30 1.58 0.00	23.15 1.72 0.00	22.52 1.55 0.00	22.13 1.56 0.00	22.75 1.82 0.00	23.97 1.98 0.00	25.43 2.12 0.00	27.04 2.32 0.00	27.63 2.42 0.00	29.66 2.60 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.84 3.17 0.00	39.48 3.36 0.00	39.72 3.38 0.00	33.36 2.39 0.00	32.85 2.57 0.00	31.41 2.67 0.00	27.62 2.40 0.00	25.93 2.10 0.00
WM_FLOYD_69_KV_BK2 356380	34.70 3.60 -2.93	31.39 3.06 -3.45	27.70 2.91 -1.14	24.84 2.52 0.00	23.99 2.28 0.00	23.76 2.32 0.00	23.02 2.05 0.00	22.96 2.39 0.00	23.56 2.64 0.00	24.58 2.59 0.00	28.38 2.54 -2.53	28.75 2.69 -1.34	32.74 2.85 -4.69	34.97 3.11 -4.80	38.14 3.23 -6.87	40.47 3.51 -7.76	42.54 4.02 -6.84	43.56 4.44 -3.00	64.54 4.40 -23.80	43.32 3.38 -8.96	41.77 3.45 -8.04	35.26 3.33 -3.19	30.39 3.03 -2.14	27.71 2.74 -1.14
WOODARD___115KV_TB2 355635	28.37 -0.31 -0.52	24.80 -0.20 -0.11	23.44 -0.21 0.00	22.17 -0.16 0.00	21.58 -0.13 0.00	21.25 -0.19 0.00	20.67 -0.29 0.00	20.26 -0.31 0.00	20.76 -0.17 0.00	21.85 -0.13 0.00	23.42 -0.12 -0.23	24.98 -0.15 -0.41	25.41 -0.18 -0.38	27.47 -0.19 -0.61	28.59 -0.20 -0.74	29.89 -0.20 -0.88	32.33 -0.32 -0.98	37.54 -0.25 -1.68	37.85 -0.33 -1.83	32.04 -0.12 -1.19	31.18 -0.18 -1.09	29.38 -0.23 -0.88	25.52 -0.18 -0.47	24.09 -0.07 -0.33
YORK___WARBASSE 23770	30.87 2.70 0.00	27.18 2.29 -0.01	25.76 2.10 -0.01	24.14 1.81 -0.01	23.37 1.65 -0.01	23.24 1.80 0.00	22.50 1.53 0.00	22.03 1.46 0.00	22.62 1.70 0.00	23.83 1.85 0.00	25.36 2.05 0.00	26.99 2.27 0.00	27.63 2.42 0.00	29.63 2.57 0.00	30.71 2.66 0.00	32.01 2.80 0.00	34.78 3.10 0.00	39.30 3.18 0.00	39.51 3.16 0.00	33.05 2.08 0.00	32.57 2.30 0.00	31.47 2.73 0.00	27.82 2.57 -0.02	26.10 2.26 -0.01